

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004998.D
 Acq On : 04 Oct 2018 05:08
 Operator : JC/MD
 Sample : VX1004WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:48 PM

Quant Time: Oct 04 09:01:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189076	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.50	113	162475	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.71	98	558004	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	202085	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77056	19.939	ug/l	95
3) Chloromethane	1.32	50	85716	18.282	ug/l	96
4) Vinyl Chloride	1.40	62	86608	19.695	ug/l	99
5) Bromomethane	1.64	94	47163	18.086	ug/l	94
6) Chloroethane	1.72	64	54467	21.396	ug/l	98
7) Trichlorofluoromethane	1.93	101	106709	19.601	ug/l	93
8) Diethyl Ether	2.19	74	47254	19.980	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65047	20.976	ug/l	96
10) Methyl Iodide	2.51	142	63276	15.248	ug/l	94
11) Tert butyl alcohol	3.07	59	112985	99.802	ug/l	98
12) 1,1-Dichloroethene	2.37	96	60573	19.724	ug/l	95
13) Acrolein	2.29	56	22140	27.487	ug/l	94
14) Allyl chloride	2.73	41	126640	18.899	ug/l	96
15) Acrylonitrile	3.15	53	248375	99.662	ug/l	92
16) Acetone	2.45	43	214345	90.679	ug/l	92
17) Carbon Disulfide	2.57	76	166055	17.994	ug/l	98
18) Methyl Acetate	2.78	43	138688	23.157	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	230252	21.736	ug/l #	90
20) Methylene Chloride	2.85	84	73677	20.950	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	63111	18.773	ug/l #	80
22) Diisopropyl ether	3.87	45	241960	21.444	ug/l	95
23) Vinyl Acetate	3.82	43	1010061	97.793	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	127790	18.986	ug/l	98
25) 2-Butanone	4.70	43	335179	96.197	ug/l	96
26) 2,2-Dichloropropane	4.58	77	57804	12.333	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	75953	20.224	ug/l	96
28) Bromochloromethane	5.02	49	60207	18.995	ug/l	93
29) Tetrahydrofuran	5.16	42	218521	100.905	ug/l	98
30) Chloroform	5.21	83	131906	20.736	ug/l	90
31) Cyclohexane	5.58	56	107861	20.938	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	101304	19.500	ug/l	97
36) 1,1-Dichloropropene	5.80	75	84471	18.623	ug/l	97
37) Ethyl Acetate	4.85	43	124486	20.675	ug/l	99
38) Carbon Tetrachloride	5.78	117	86775	18.199	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90399	19.518	ug/l #	85
40) Benzene	6.14	78	271257	19.102	ug/l	92
41) Methacrylonitrile	5.06	41	67525	20.223	ug/l	97
42) 1,2-Dichloroethane	6.20	62	94650	18.855	ug/l	99
43) Isopropyl Acetate	6.46	43	181357	20.869	ug/l	97
44) Trichloroethene	7.21	130	68871	19.729	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70143	20.142	ug/l	99
46) Dibromomethane	7.66	93	43997	20.103	ug/l	99
47) Bromodichloromethane	7.90	83	81954	20.001	ug/l	99
48) Methyl methacrylate	7.78	41	82677	20.960	ug/l	96
49) 1,4-Dioxane	7.75	88	38368	391.532	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	581328	106.240	ug/l	100
52) Toluene	8.79	92	160549	20.575	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	84966	18.350	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	93021	19.180	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	67436	19.730	ug/l	96
56) Ethyl methacrylate	9.18	69	100999	20.030	ug/l	95
57) 1,3-Dichloropropane	9.37	76	111794	19.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	277786	103.192	ug/l	99
59) 2-Hexanone	9.50	43	457696	100.377	ug/l	95
60) Dibromochloromethane	9.59	129	65232	19.084	ug/l	99
61) 1,2-Dibromoethane	9.67	107	69479	18.981	ug/l	96
64) Tetrachloroethene	9.34	164	71788	20.087	ug/l	97
65) Chlorobenzene	10.14	112	178418	19.161	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63064	19.265	ug/l	99
67) Ethyl Benzene	10.26	91	293073	19.825	ug/l	97
68) m/p-Xylenes	10.36	106	229913	39.799	ug/l	95
69) o-Xylene	10.70	106	110008	20.733	ug/l	100
70) Styrene	10.71	104	183711	19.860	ug/l	99
71) Bromoform	10.86	173	51340	18.319	ug/l #	95
73) Isopropylbenzene	11.02	105	298583	22.128	ug/l	100
74) N-amyl acetate	10.90	43	140075	19.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106382	19.367	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97573m	20.335	ug/l	
77) Bromobenzene	11.26	156	81633	20.828	ug/l	99
78) n-propylbenzene	11.36	91	334135	21.582	ug/l	99
79) 2-Chlorotoluene	11.42	91	203928	21.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	246428	19.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24185	15.188	ug/l	96
82) 4-Chlorotoluene	11.51	91	238978	21.039	ug/l	100
83) tert-Butylbenzene	11.77	119	241150	21.706	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	259388	20.220	ug/l	100
85) sec-Butylbenzene	11.94	105	287389	21.238	ug/l	100
86) p-Isopropyltoluene	12.07	119	256793	20.945	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	145275	19.850	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148728	19.686	ug/l	99
89) n-Butylbenzene	12.39	91	218318	19.607	ug/l	100
90) Hexachloroethane	12.60	117	38349	18.787	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	147860	19.333	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23841	19.768	ug/l	98

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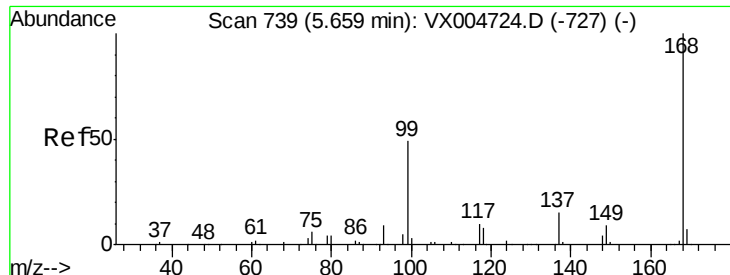
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104781	19.530	ug/l	100
94) Hexachlorobutadiene	13.78	225	50936	18.309	ug/l	99
95) Naphthalene	13.83	128	342962	19.702	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109978	19.844	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



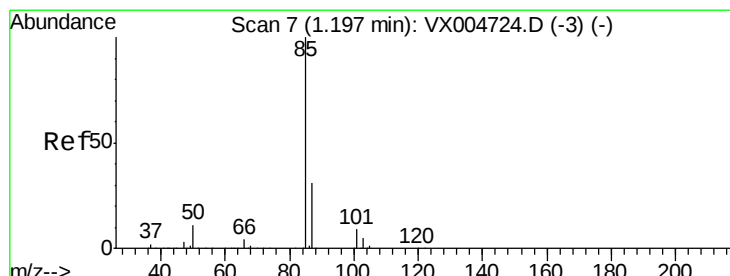
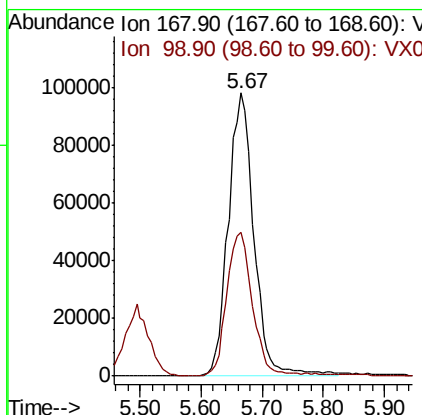
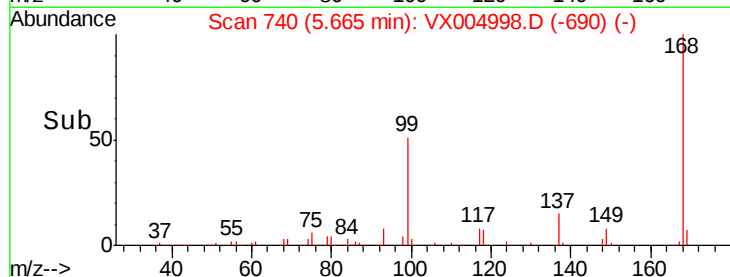
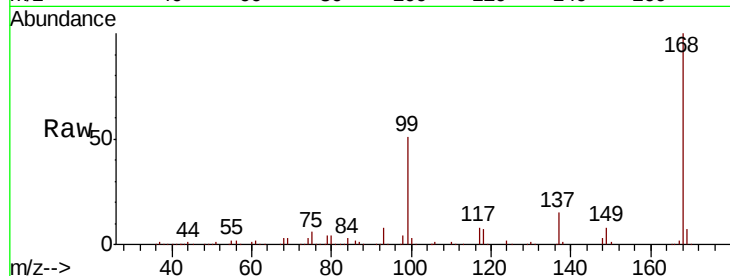
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.3	58.9

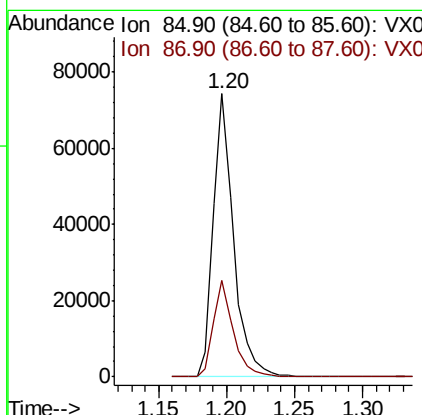
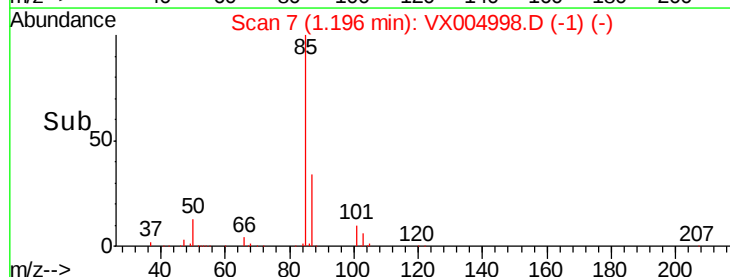
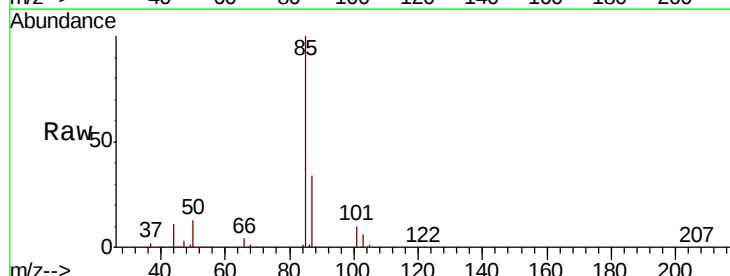
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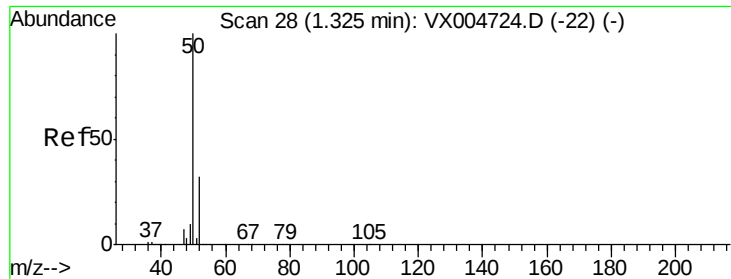
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#2
Dichlorodifluoromethane
Concen: 19.939 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.1	15.7	47.1





#3

Chloromethane

Concen: 18.282 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 50 Resp: 85716

Ion Ratio Lower Upper

50 100

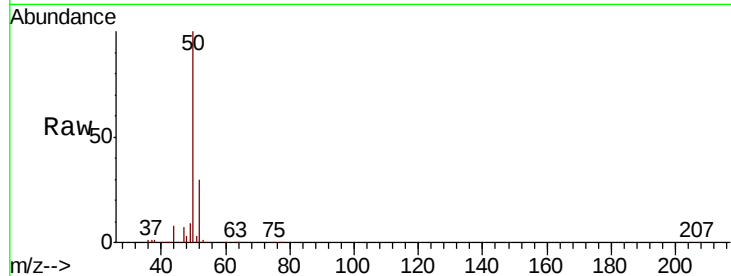
52 29.9 25.8 38.6

Manual Integrations

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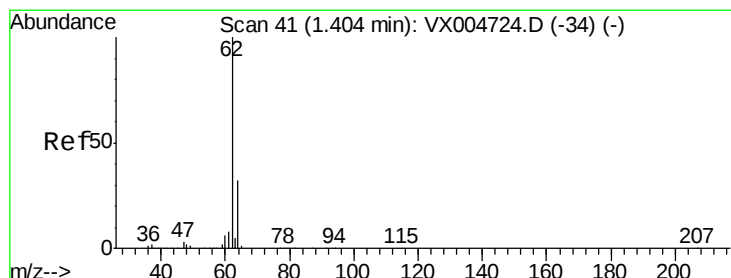
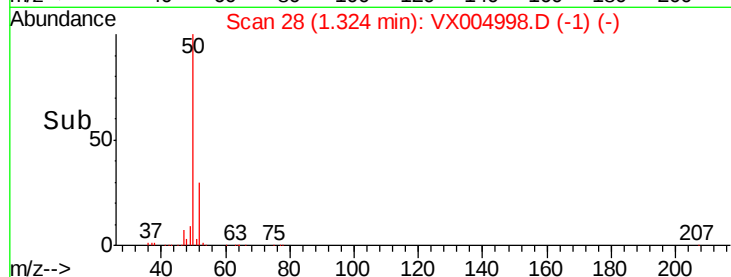
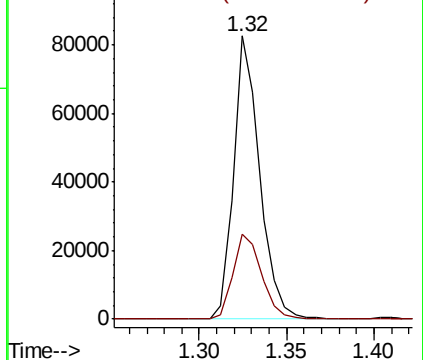
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.695 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004998.D

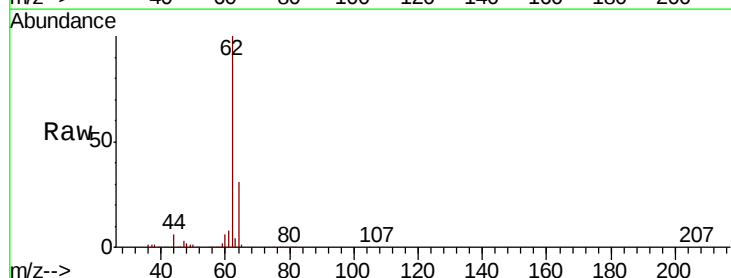
Acq: 04 Oct 2018 05:08

Tgt Ion: 62 Resp: 86608

Ion Ratio Lower Upper

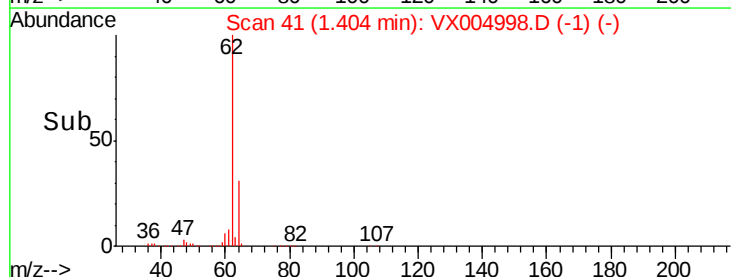
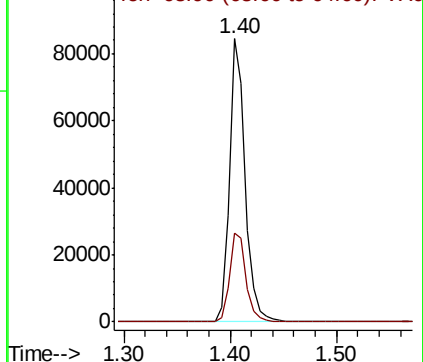
62 100

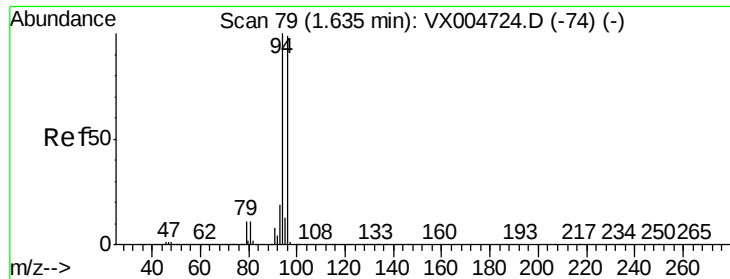
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.086 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 94 Resp: 47163

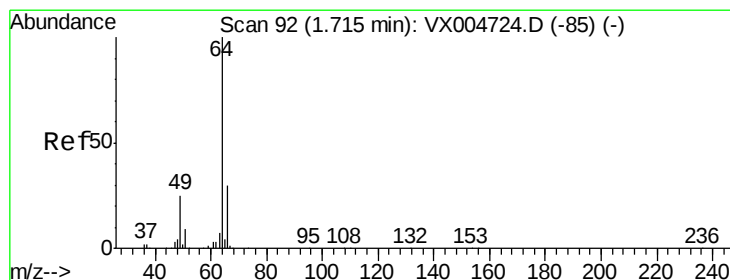
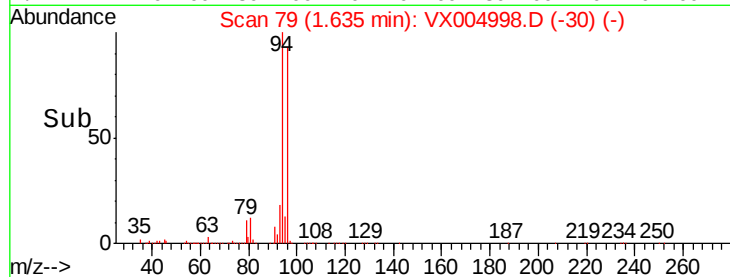
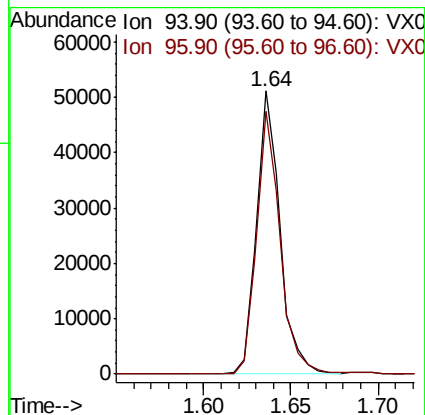
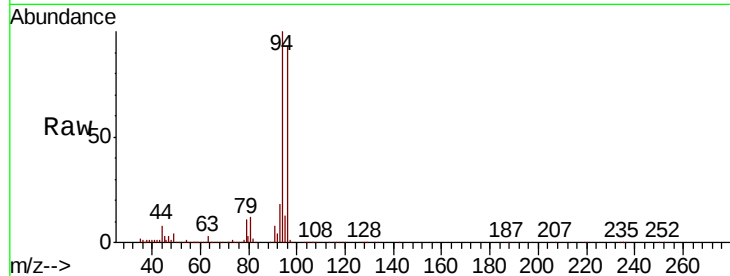
Ion Ratio Lower Upper

94 100

96 93.1 79.5 119.3

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#6

Chloroethane

Concen: 21.396 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004998.D

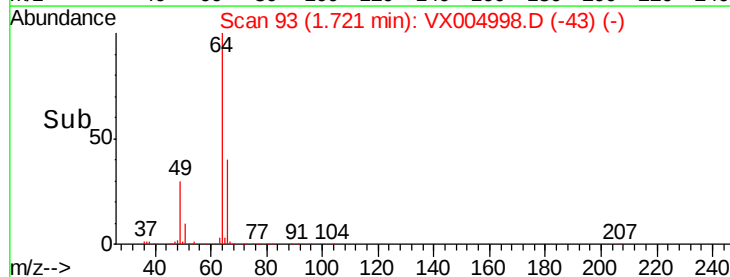
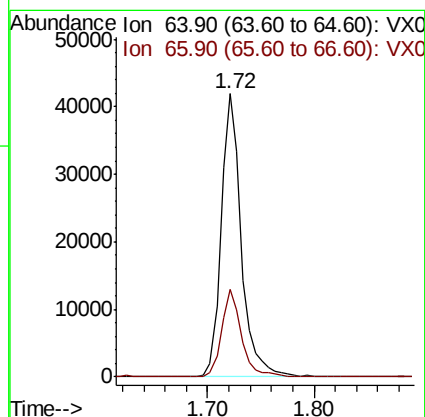
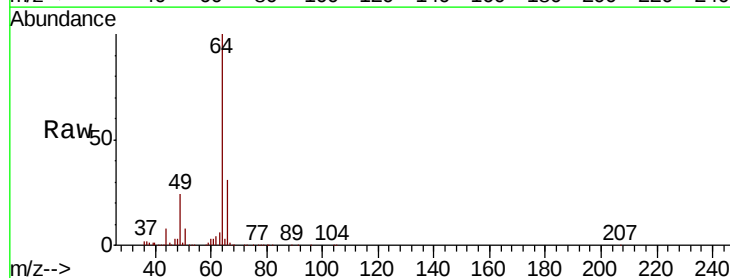
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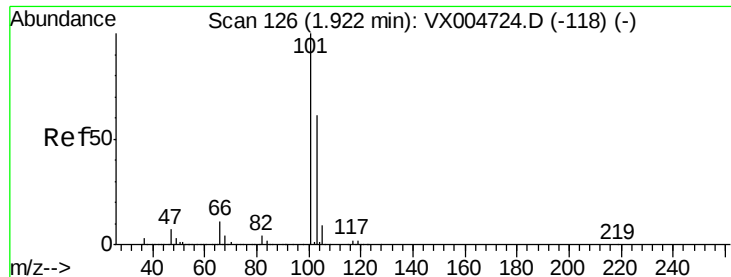
Tgt Ion: 64 Resp: 54467

Ion Ratio Lower Upper

64 100

66 30.9 23.8 35.6





#7

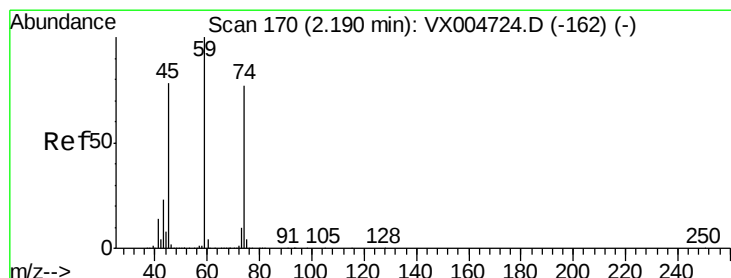
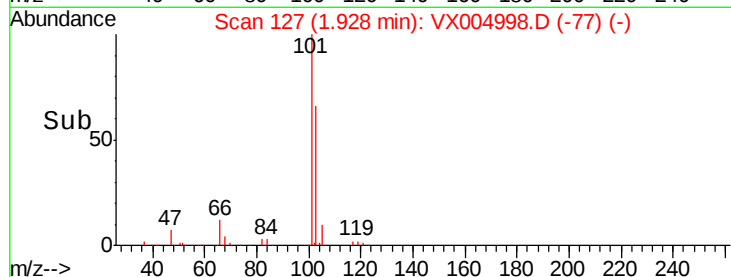
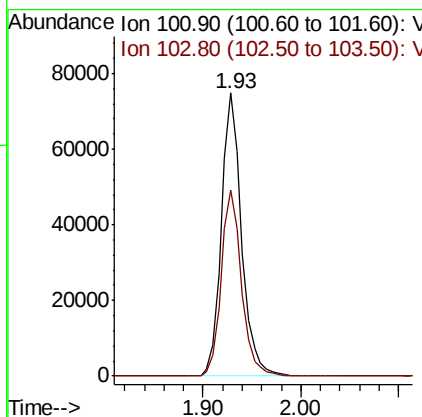
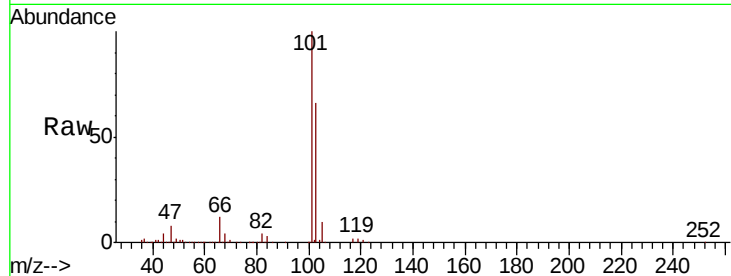
Trichlorofluoromethane
 Concen: 19.601 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	48.4	72.6

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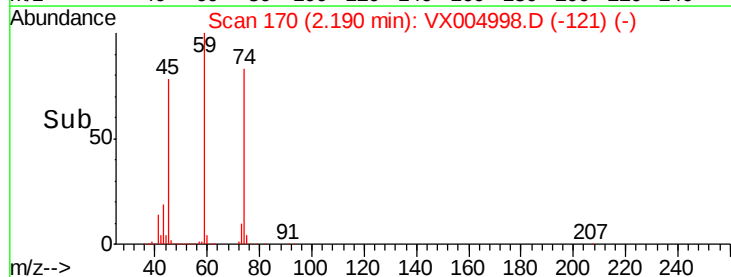
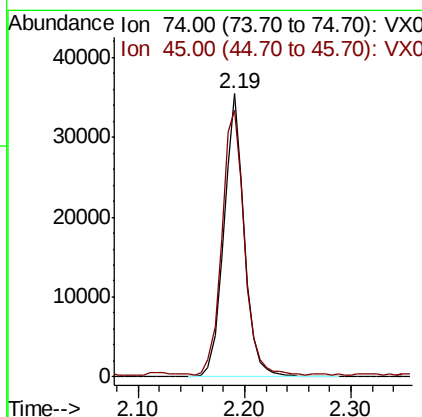
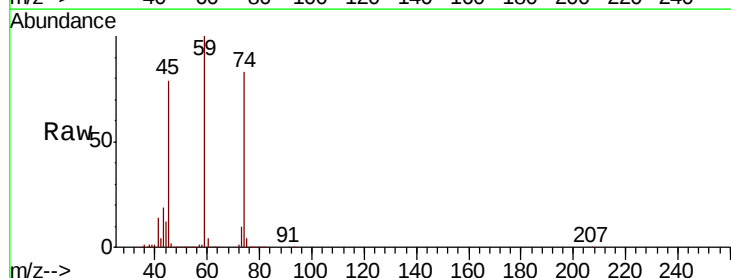
MMDadoda
 10/5/2018 3:24:48 PM

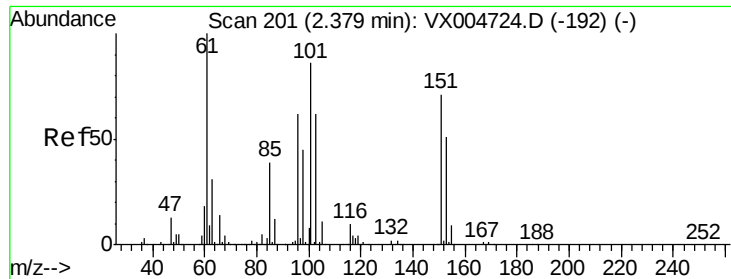


#8

Diethyl Ether
 Concen: 19.980 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.976 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

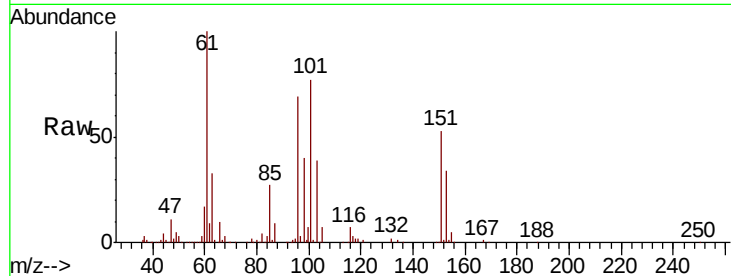
ClientSampleId :

VX1004WBSD02

Tot Ion:	101	Resp:	65047
Ion Ratio	Lower	Upper	
101	100		
85	40.8	35.9	53.9
151	80.5	66.6	100.0

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10/5/2018 3:24:48 PM

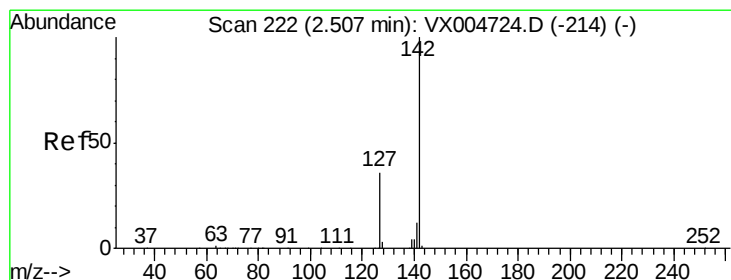
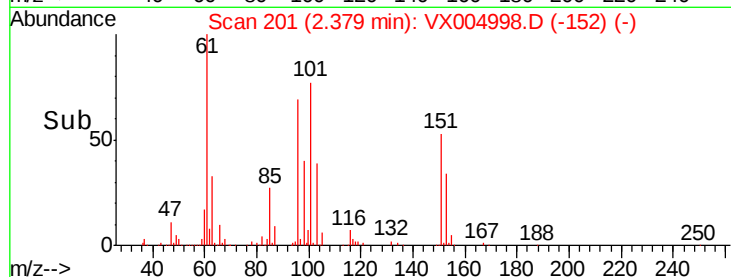
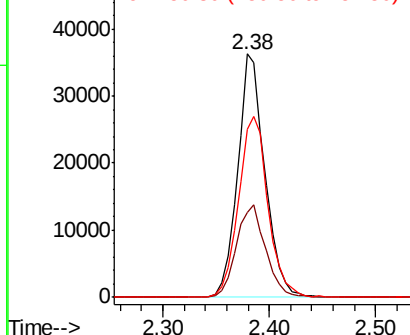


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.248 ug/l

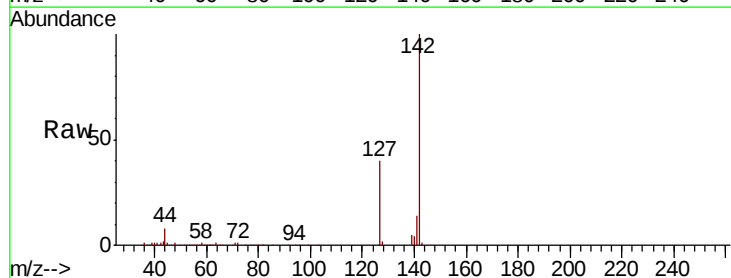
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	142	Resp:	63276
Ion Ratio	Lower	Upper	
142	100		
127	41.2	30.1	45.1
141	14.3	10.1	15.1

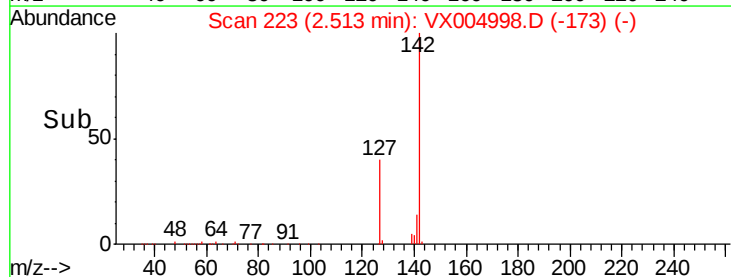
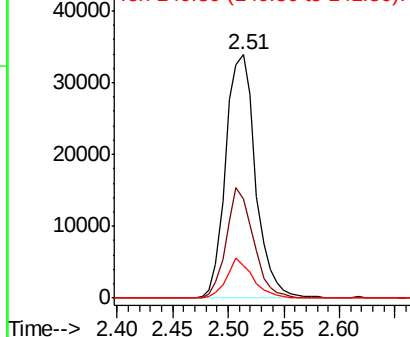


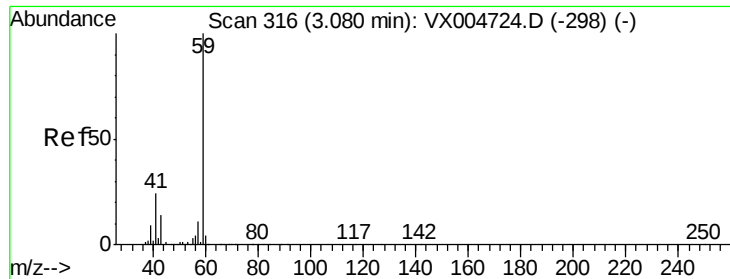
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

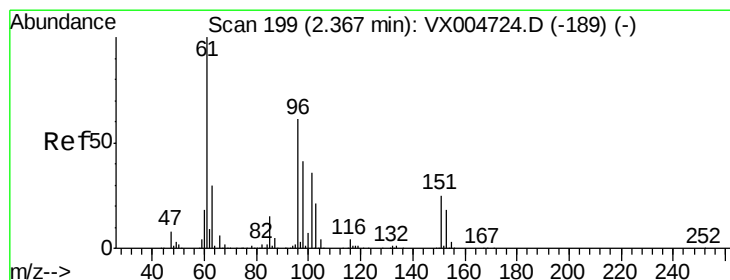
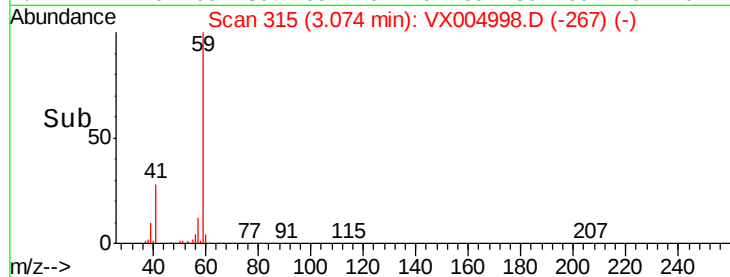
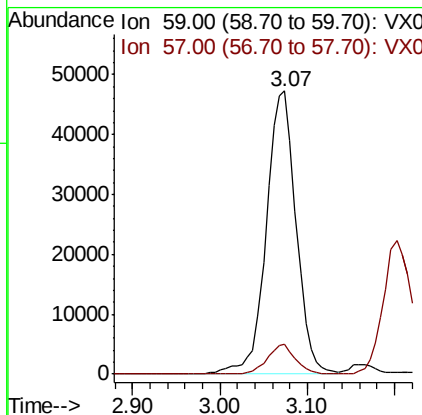
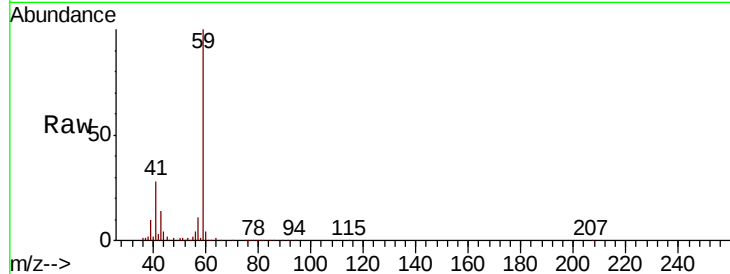
Tert butyl alcohol
 Concen: 99.802 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	59	Resp	112985
Ion Ratio	100	Lower	Upper
57	10.1	8.6	12.8

Manual Integrations
 APPROVED

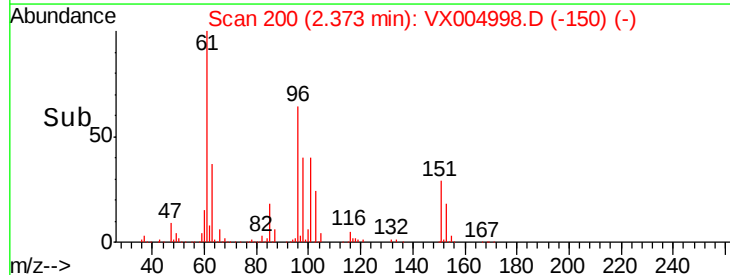
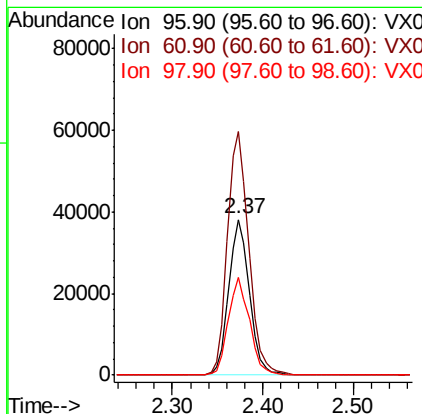
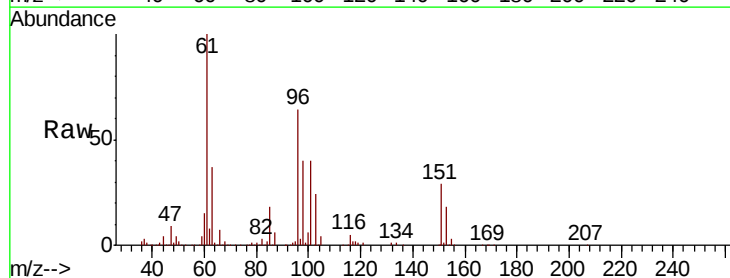
MMDadoda
 10/5/2018 3:24:48 PM

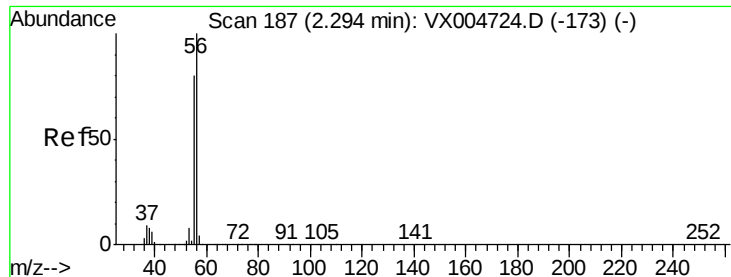


#12

1,1-Dichloroethene
 Concen: 19.724 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	96	Resp	60573
Ion Ratio	100	Lower	Upper
61	156.5	130.2	195.4
98	63.0	53.4	80.0





#13

Acrolein

Concen: 27.487 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 56 Resp: 22140

Ion Ratio Lower Upper

56 100

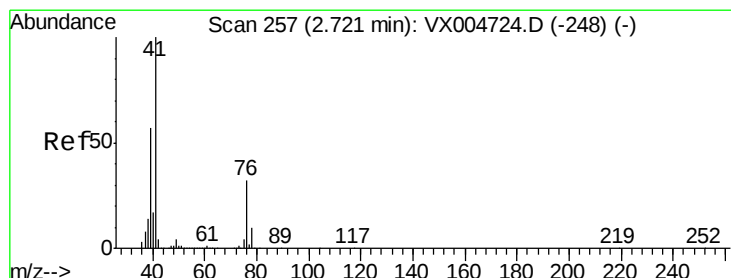
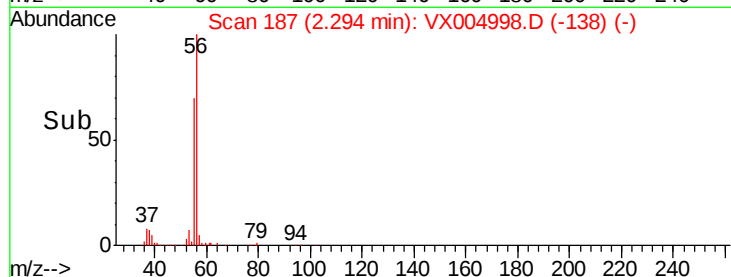
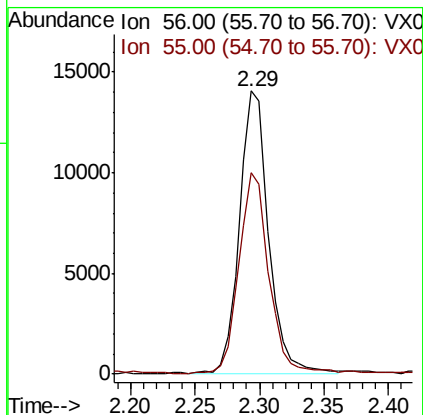
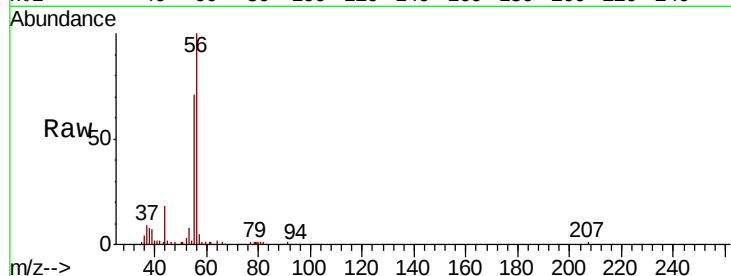
55 74.1 63.4 95.2

Manual Integrations

APPROVED

MMDadoda

10/5/2018 3:24:48 PM



#14

Allyl chloride

Concen: 18.899 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

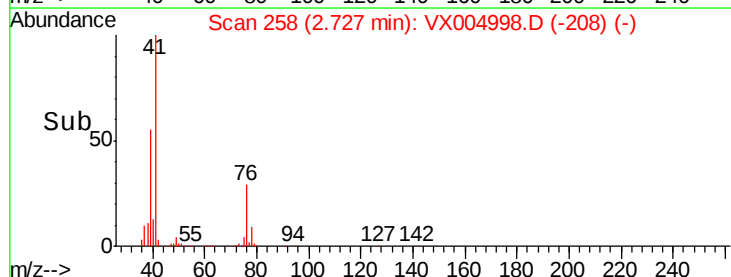
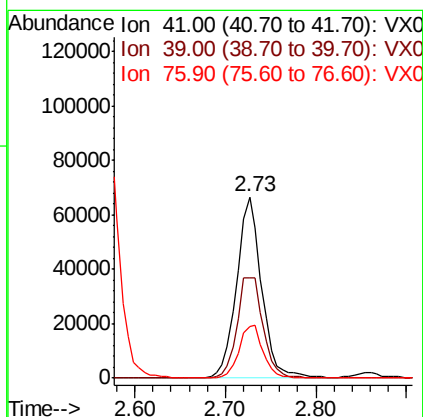
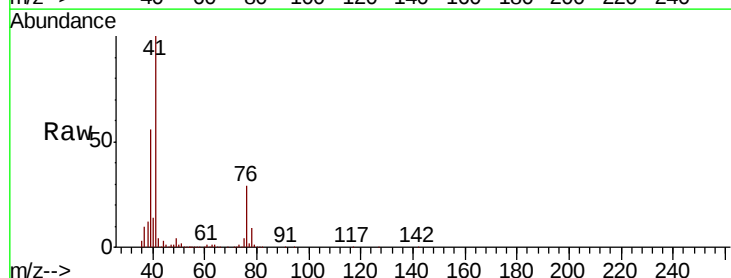
Tgt Ion: 41 Resp: 126640

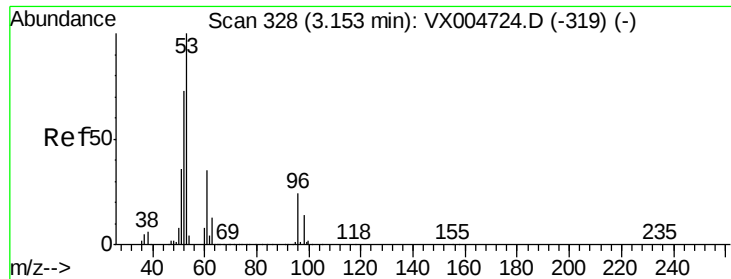
Ion Ratio Lower Upper

41 100

39 57.4 44.1 66.1

76 28.3 25.0 37.4





#15

Acrylonitrile

Concen: 99.662 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

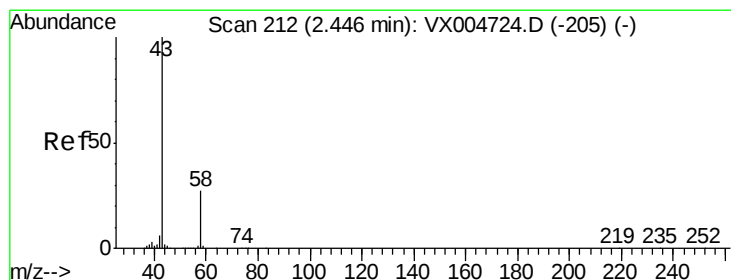
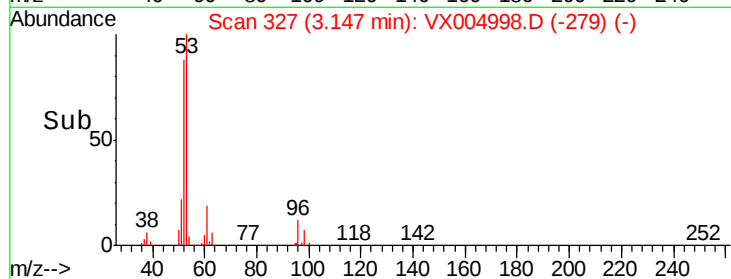
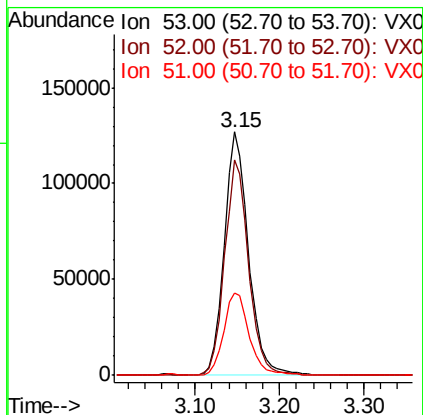
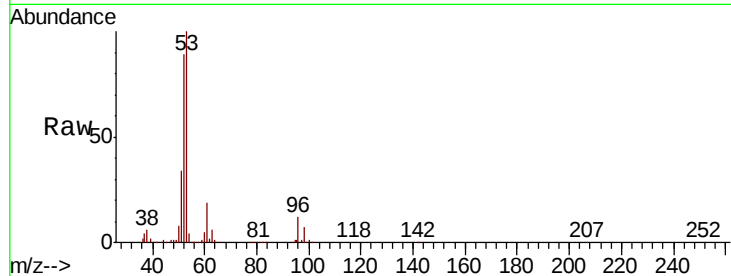
ClientSampleId :

VX1004WBSD02

Tot Ion:	53	Resp:	248375
Ion Ratio		Lower	Upper
53	100		
52	88.1	63.0	94.4
51	35.5	28.6	42.8

Manual Integrations
APPROVED

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10/5/2018 3:24:48 PM



#16

Acetone

Concen: 90.679 ug/l

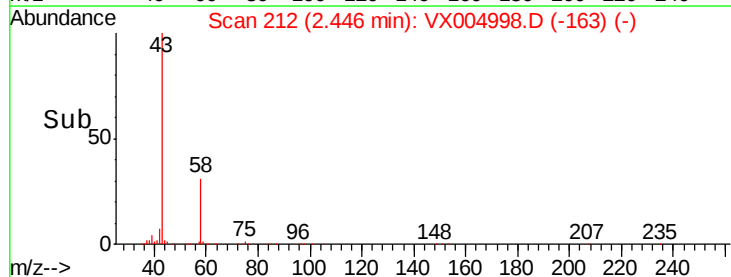
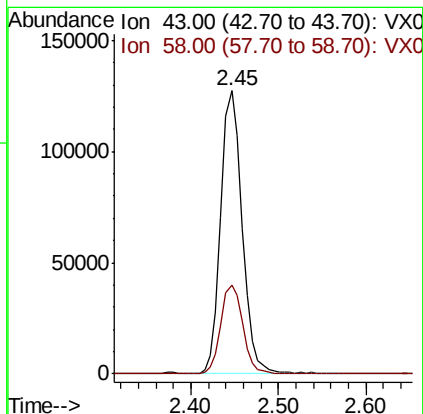
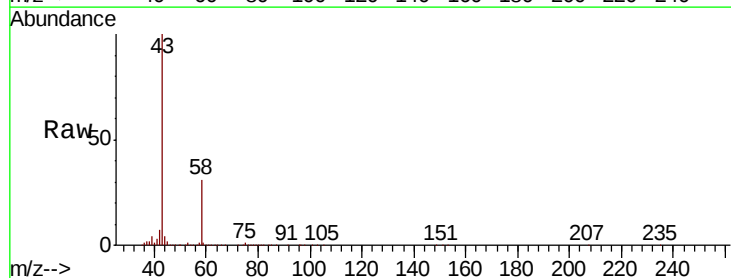
RT: 2.45 min Scan# 212

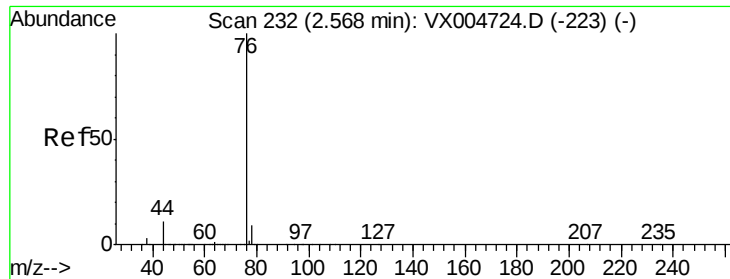
Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	43	Resp:	214345
Ion Ratio		Lower	Upper
43	100		
58	31.2	21.8	32.6





#17

Carbon Disulfide

Concen: 17.994 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 76 Resp: 166055

Ion Ratio Lower Upper

76 100

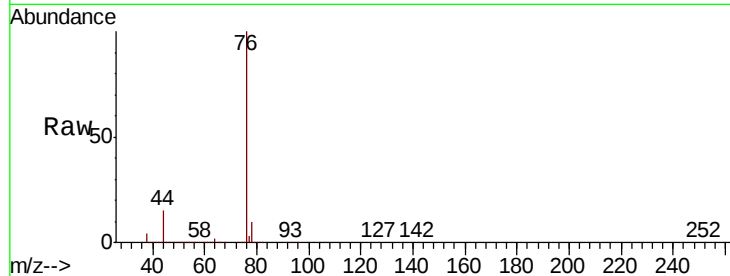
78 9.6 7.0 10.6

Manual Integrations

APPROVED

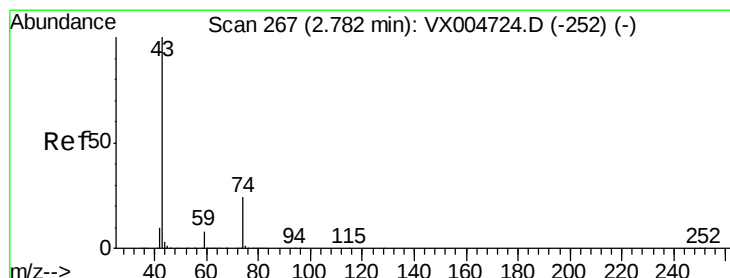
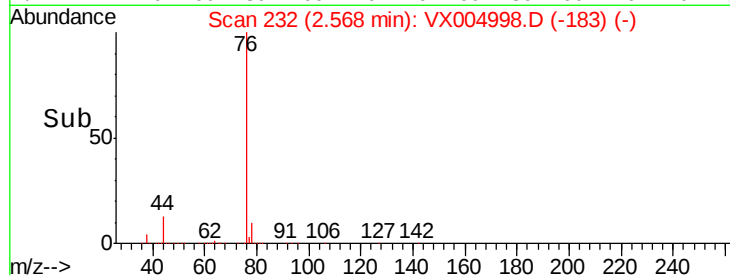
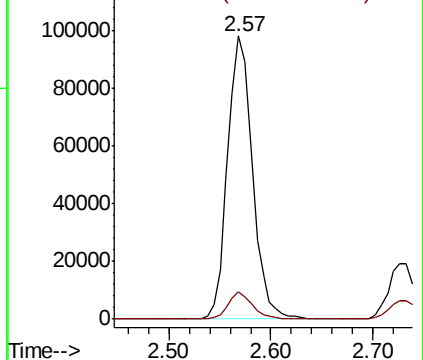
MMDadoda

10/5/2018 3:24:48 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.157 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004998.D

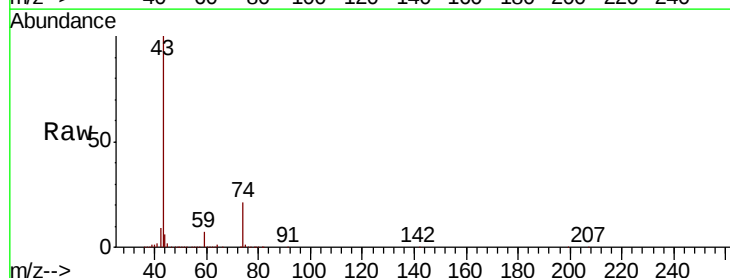
Acq: 04 Oct 2018 05:08

Tgt Ion: 43 Resp: 138688

Ion Ratio Lower Upper

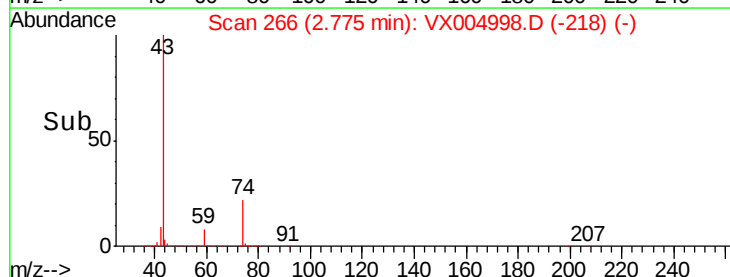
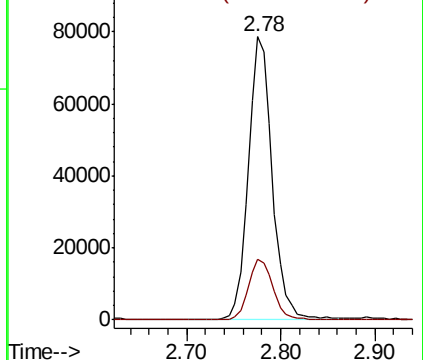
43 100

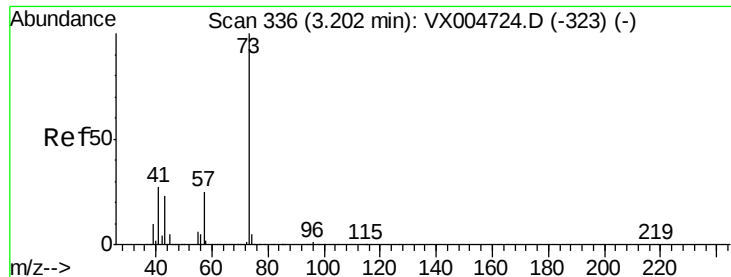
74 22.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

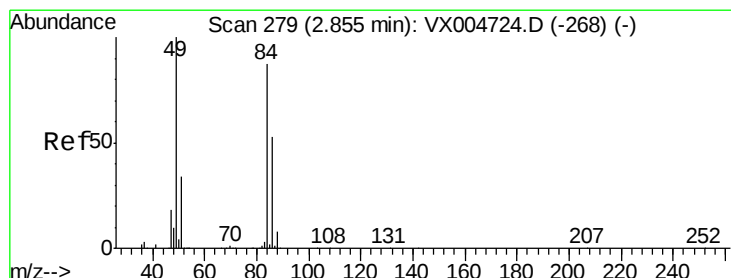
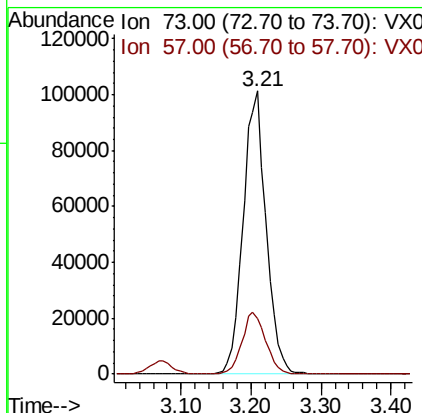
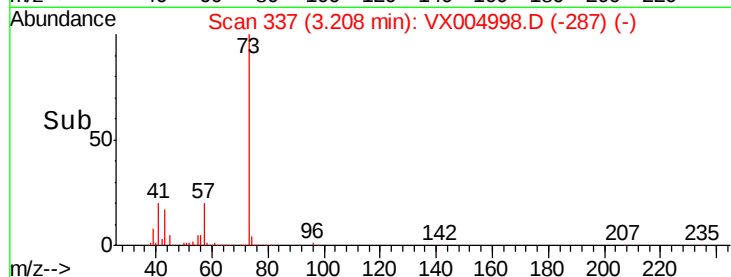
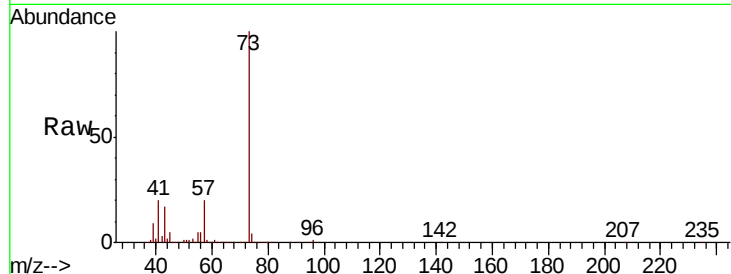
Methyl tert-butyl Ether
 Concen: 21.736 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	19.9	29.9#

Manual Integrations
 APPROVED

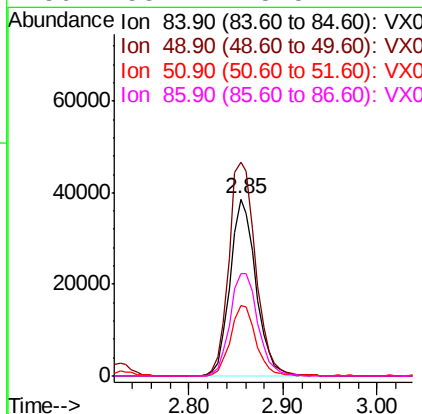
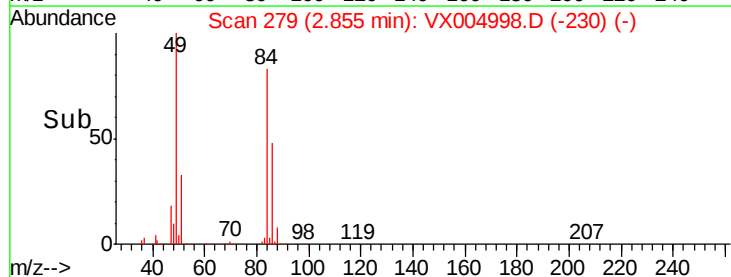
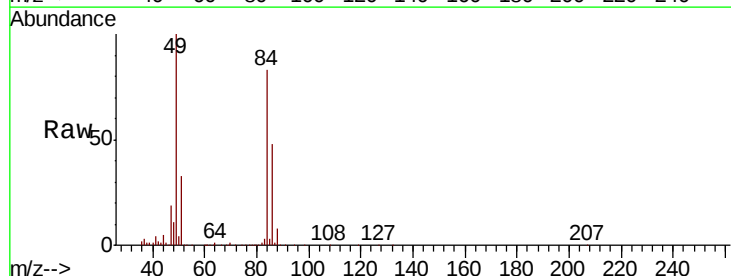
MMDadoda
 10/5/2018 3:24:48 PM

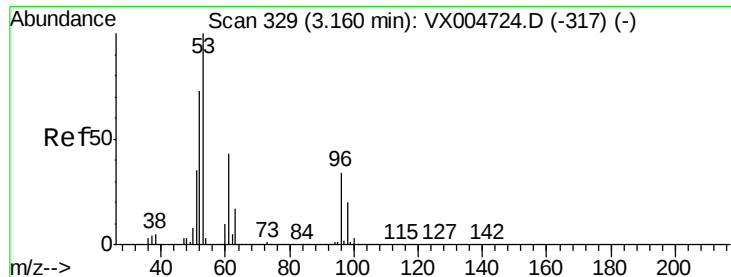


#20

Methylene Chloride
 Concen: 20.950 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	92.3	138.5
51	39.5	31.8	47.6
86	58.1	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 18.773 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

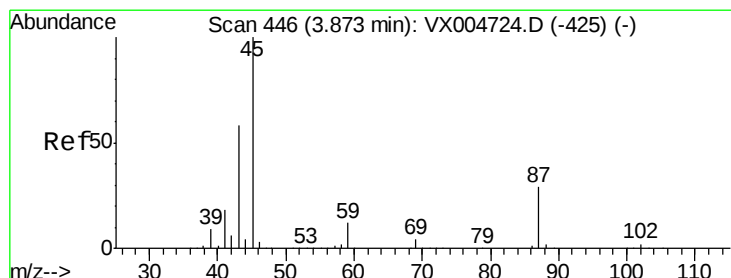
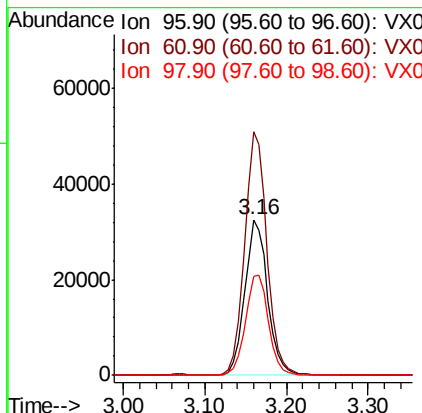
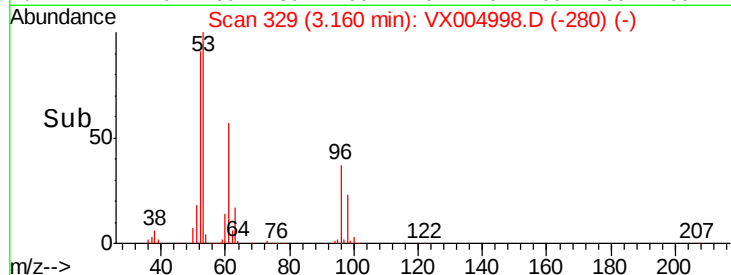
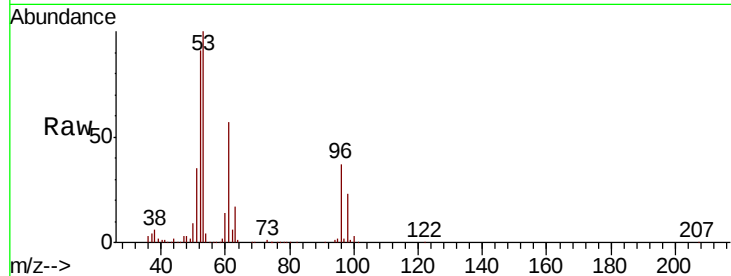
ClientSampleId :

VX1004WBSD02

Tot Ion:	96	Resp:	63111
Ion	Ratio	Lower	Upper
96	100		
61	156.3	101.0	151.6#
98	63.8	47.2	70.8

Manual Integrations
APPROVED

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10/5/2018 3:24:48 PM



#22

Diisopropyl ether

Concen: 21.444 ug/l

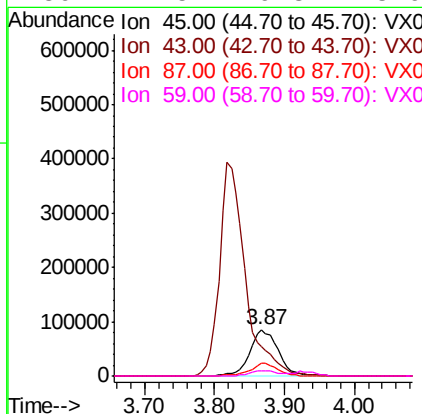
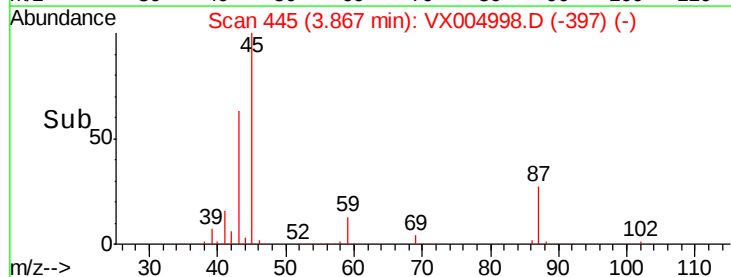
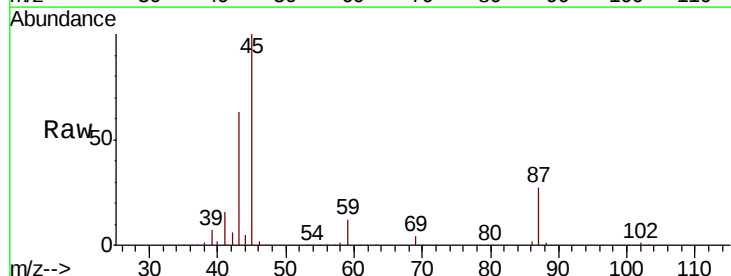
RT: 3.87 min Scan# 445

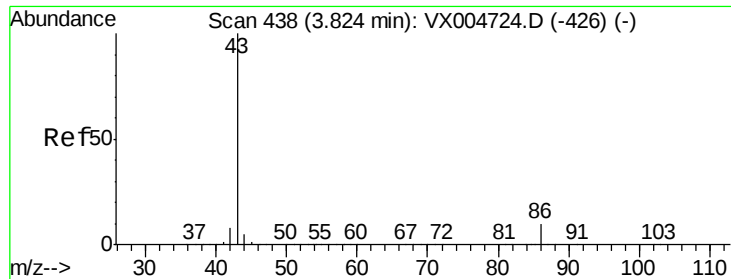
Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	45	Resp:	241960
Ion	Ratio	Lower	Upper
45	100		
43	62.5	46.7	70.1
87	26.7	22.9	34.3
59	12.5	9.3	13.9





#23

Vinyl Acetate

Concen: 97.793 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 43 Resp: 1010061

Ion Ratio Lower Upper

43 100

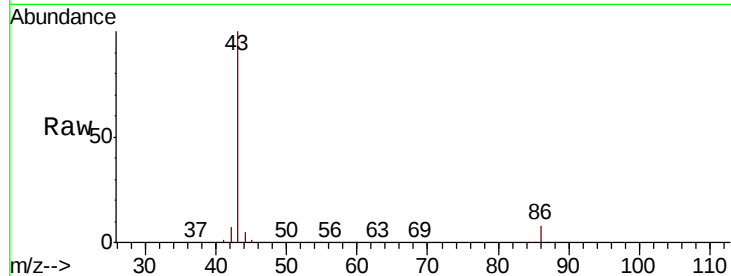
86 7.9 8.1 12.1#

Manual Integrations

APPROVED

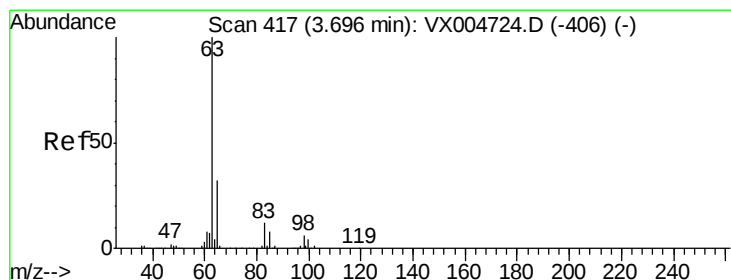
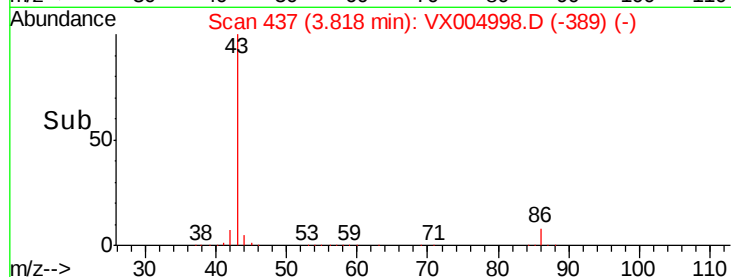
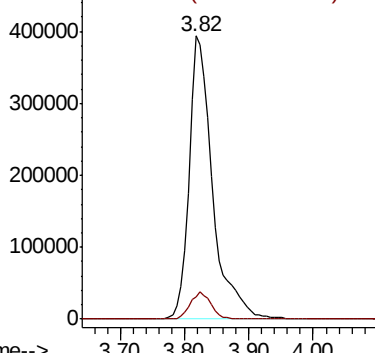
MMDadoda

10/5/2018 3:24:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.986 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

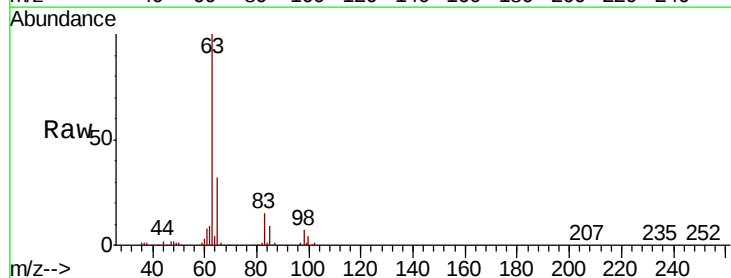
Tgt Ion: 63 Resp: 127790

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

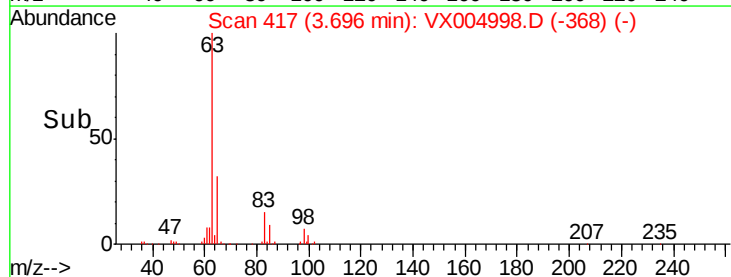
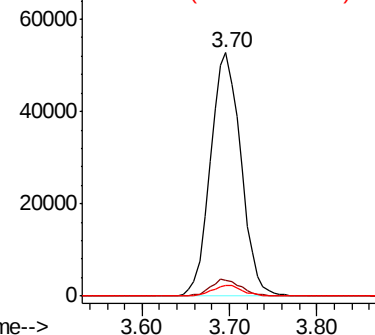
100 4.4 2.0 5.8

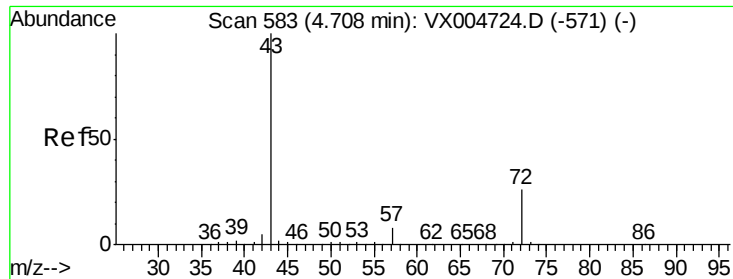


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.197 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampled :

VX1004WBSD02

Tot Ion: 43 Resp: 335179

Ion Ratio Lower Upper

43 100

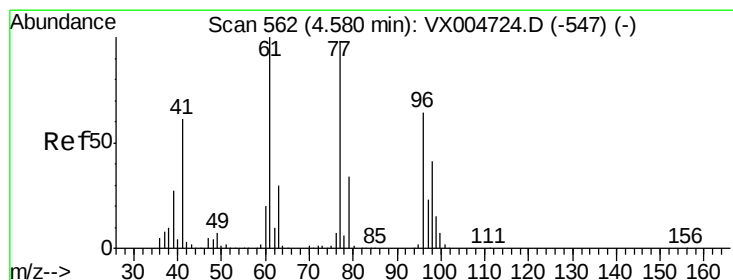
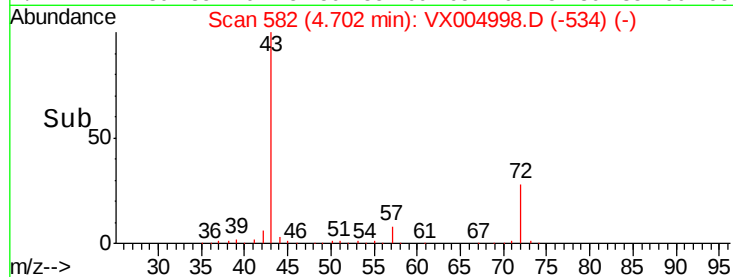
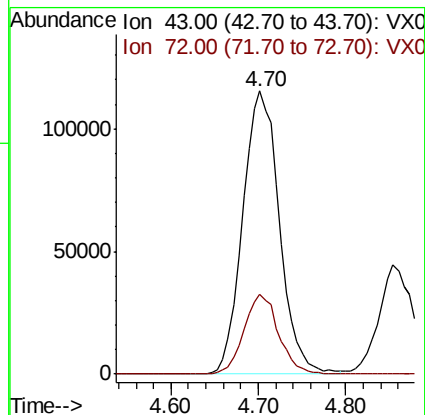
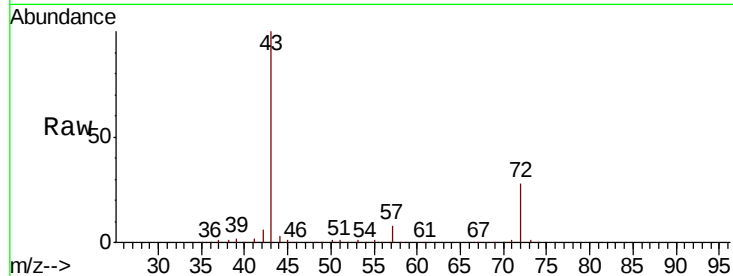
72 28.1 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 12.333 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004998.D

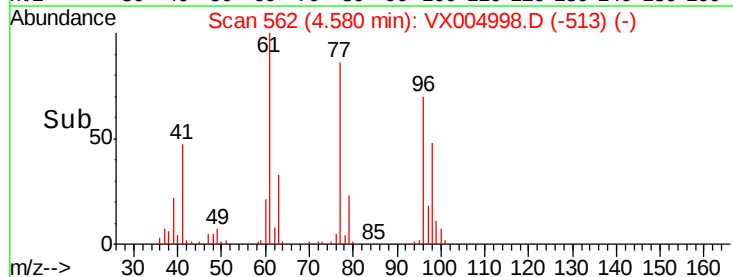
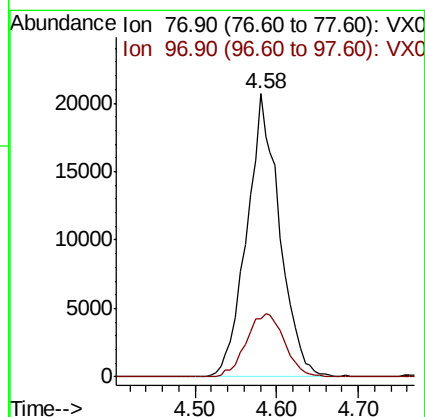
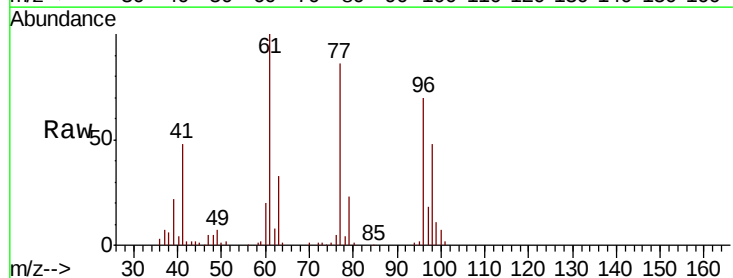
Acq: 04 Oct 2018 05:08

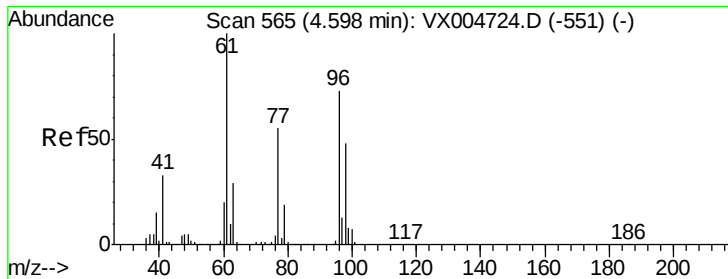
Tgt Ion: 77 Resp: 57804

Ion Ratio Lower Upper

77 100

97 26.1 12.6 37.8





#27

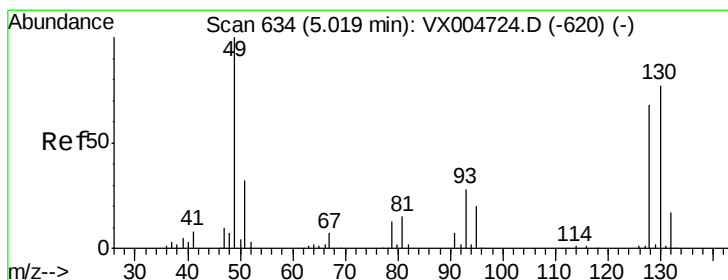
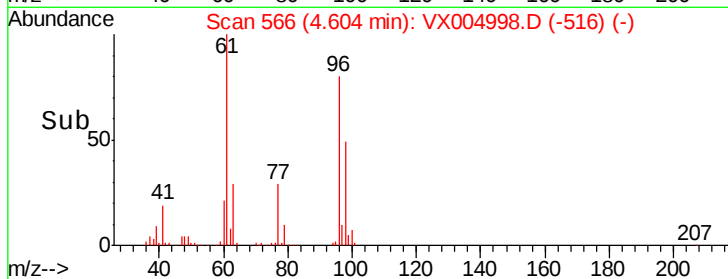
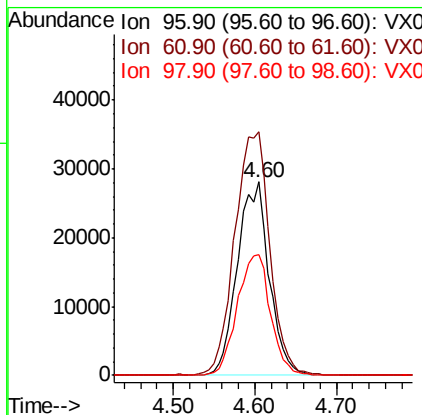
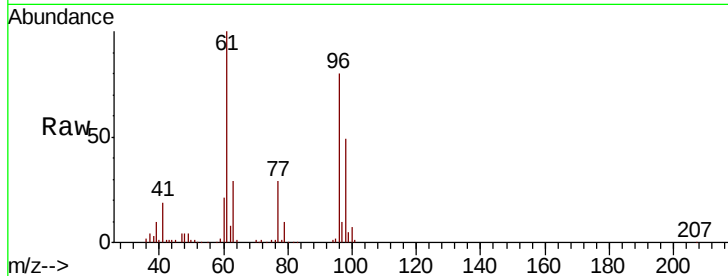
cis-1,2-Dichloroethene
Concen: 20.224 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	285.8
98	65.2	0.0	136.2

Manual Integrations
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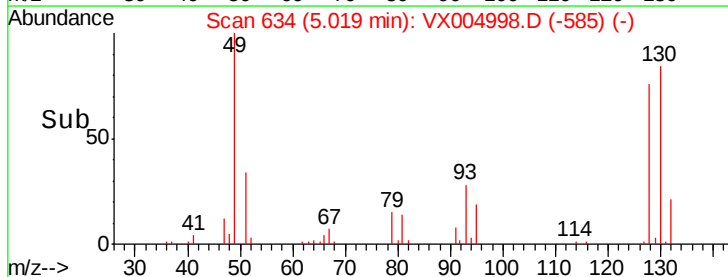
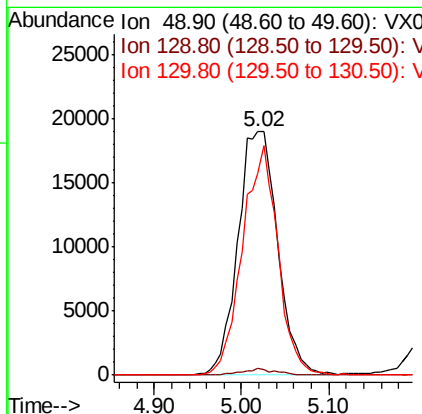
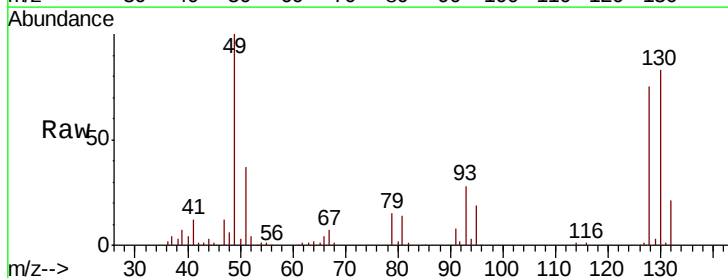
MMDadoda
10/5/2018 3:24:48 PM

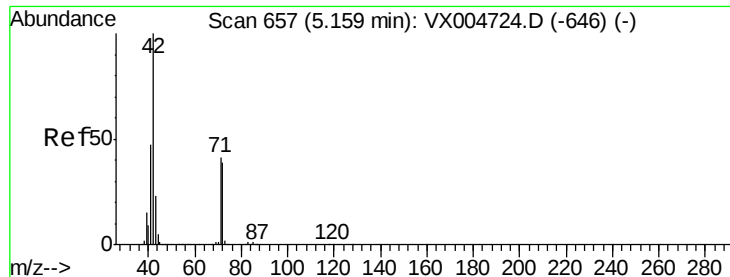


#28

Bromochloromethane
Concen: 18.995 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.7	62.0	93.0





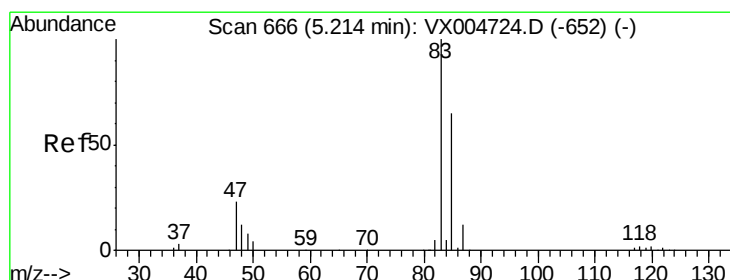
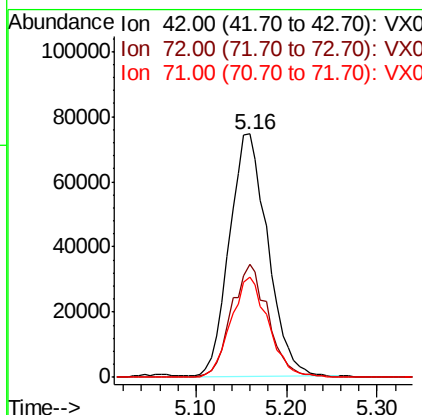
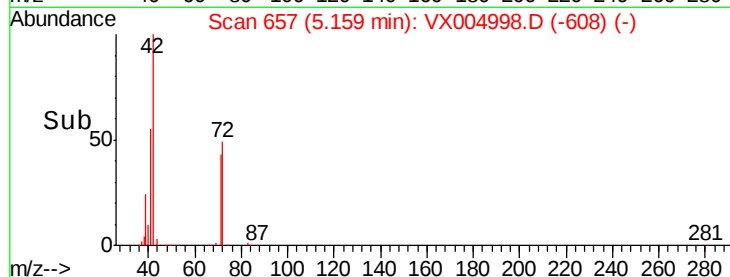
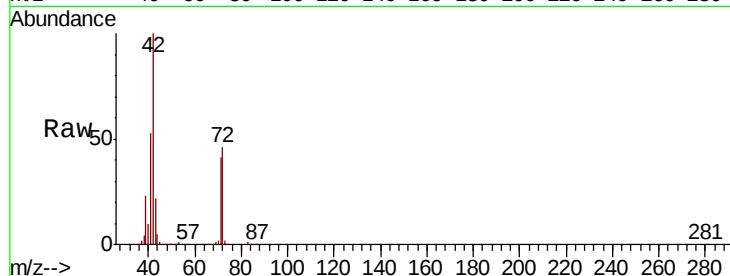
#29
Tetrahydrofuran
Concen: 100.905 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	33.7	50.5
71	40.4	32.2	48.4

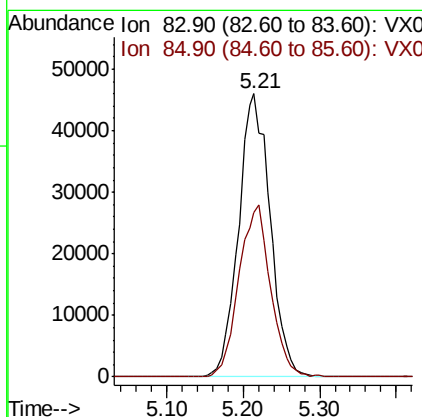
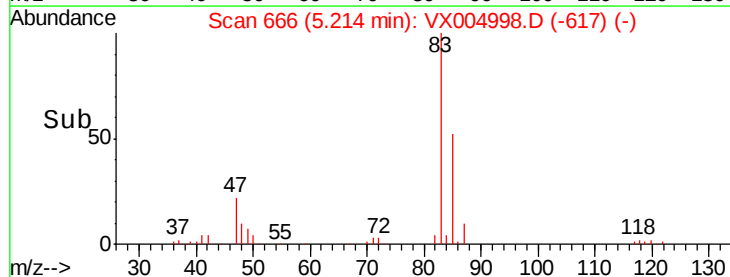
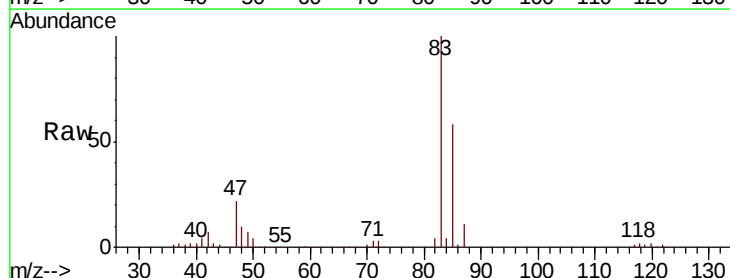
Manual Integrations
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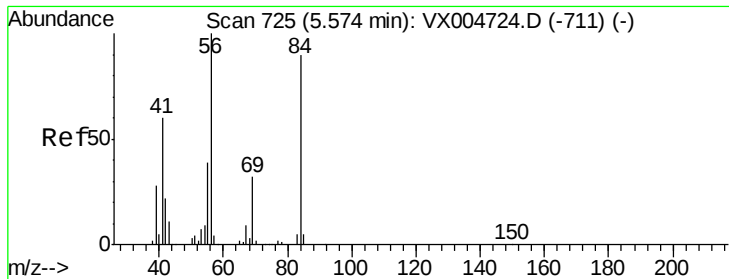
MMDadoda
10/5/2018 3:24:48 PM



#30
Chloroform
Concen: 20.736 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.9	52.4	78.6





#31

Cyclohexane

Concen: 20.938 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

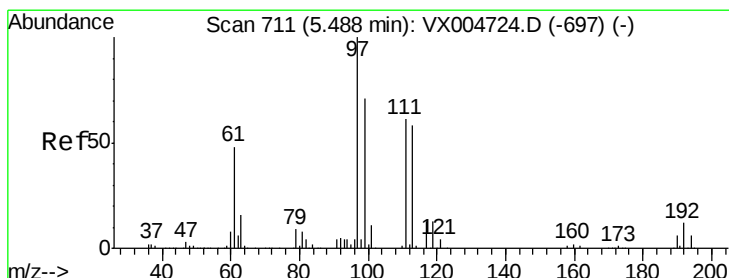
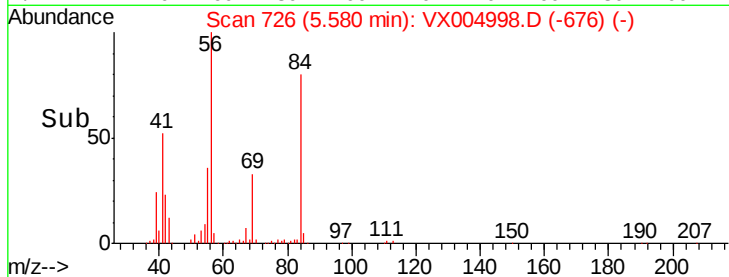
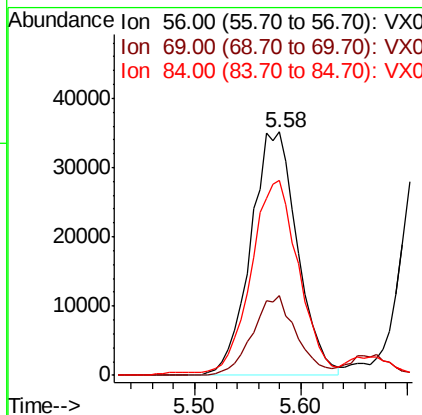
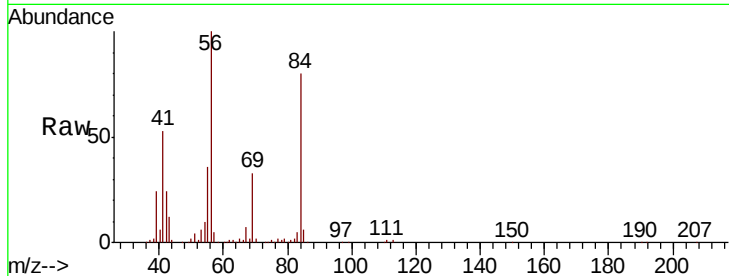
ClientSampleId :

VX1004WBSD02

Tot Ion:	56	Resp:	107861
Ion Ratio	Lower	Upper	
56	100		
69	32.6	25.9	38.9
84	78.7	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.500 ug/l

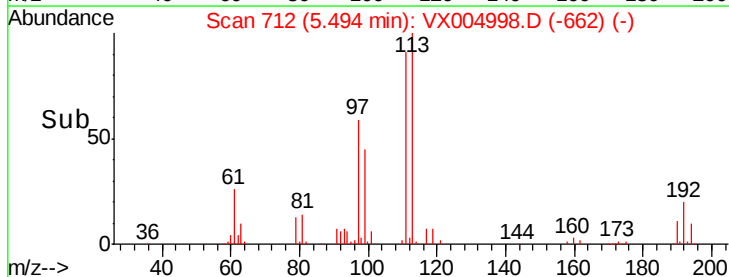
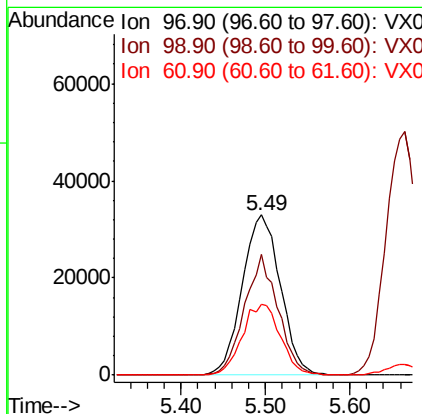
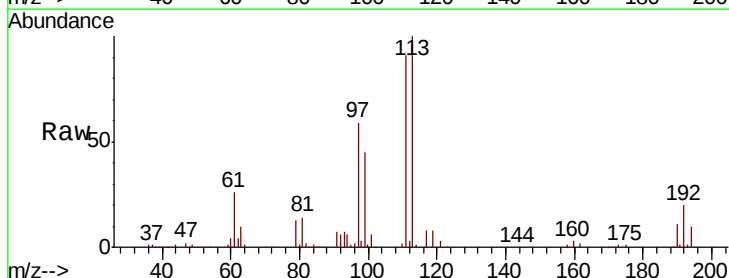
RT: 5.49 min Scan# 712

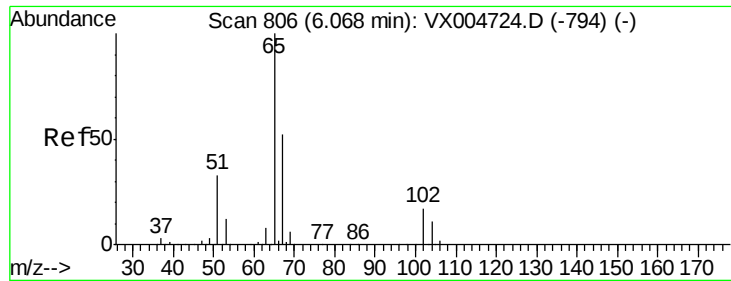
Delta R.T. 0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	97	Resp:	101304
Ion Ratio	Lower	Upper	
97	100		
99	66.6	54.6	82.0
61	44.4	37.5	56.3





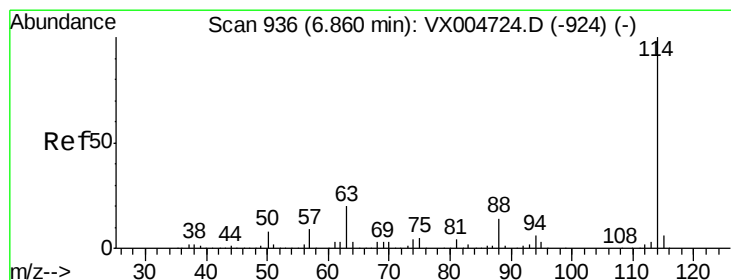
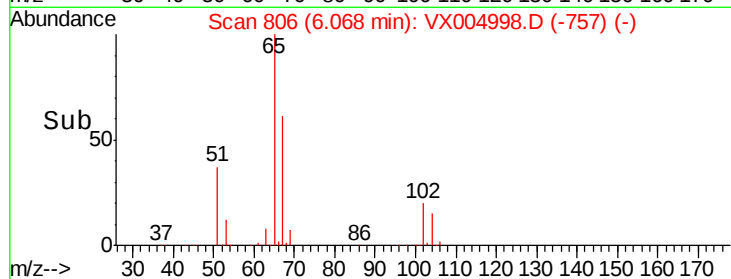
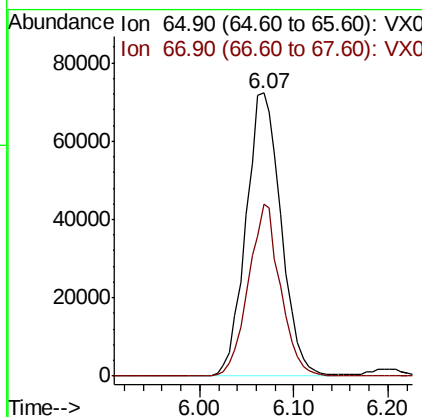
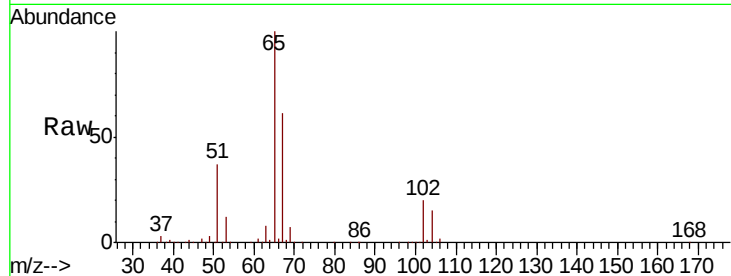
#33
 1,2-Dichloroethane-d4
 Concen: 46.699 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	107.4

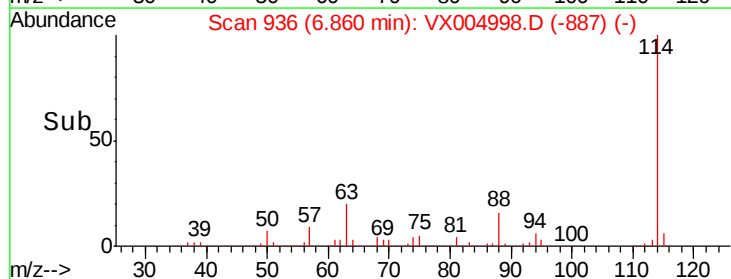
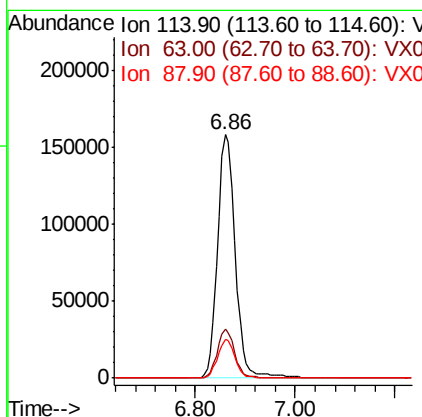
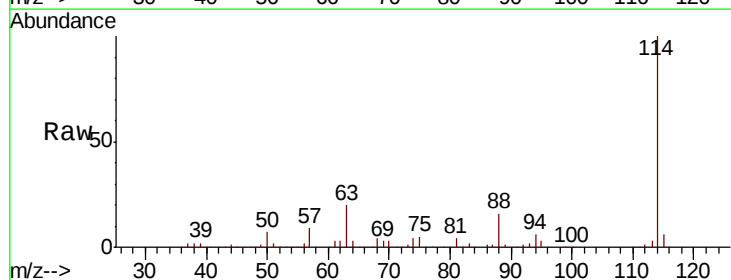
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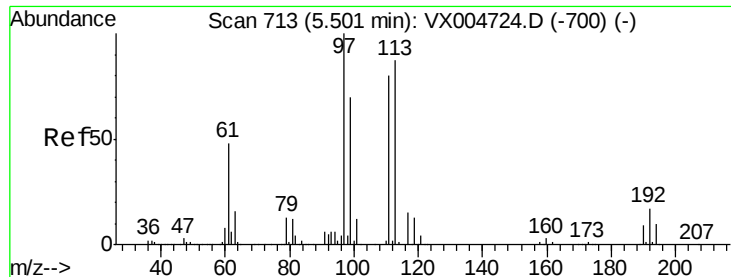
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.7	0.0	27.0





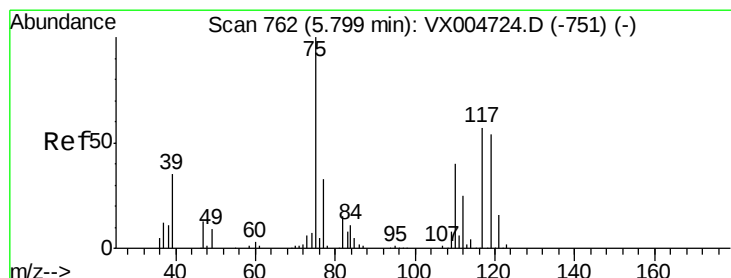
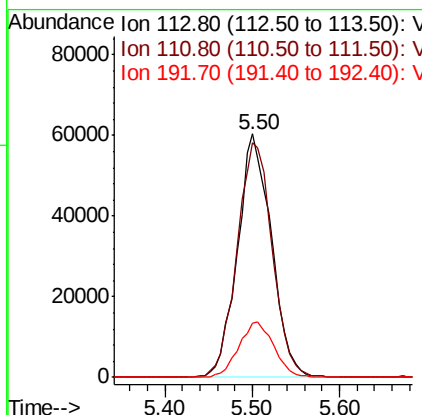
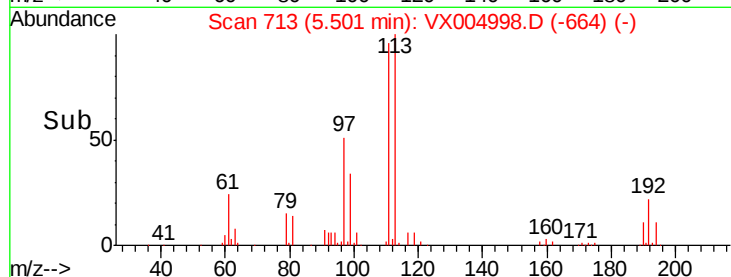
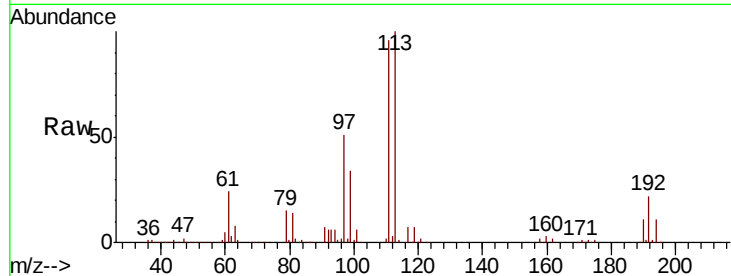
#35
 Dibromofluoromethane
 Concen: 48.872 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162475		
111	100.4		77.0	115.4
192	23.6		17.0	25.6

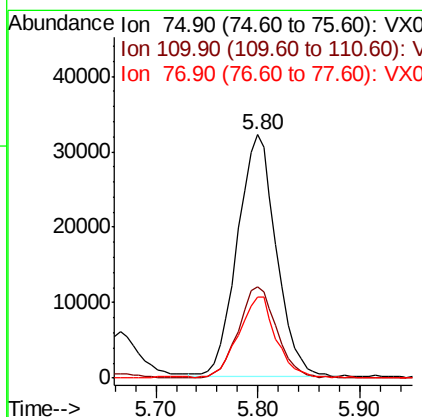
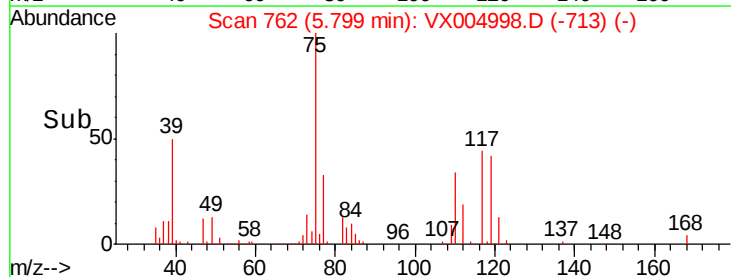
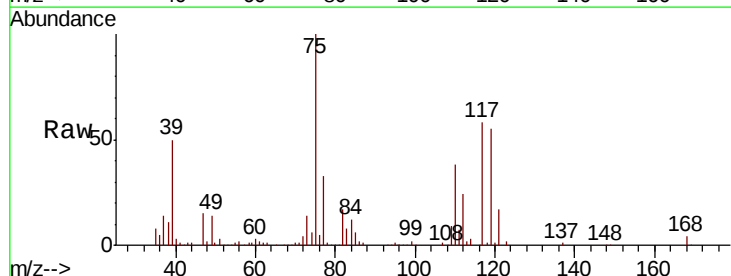
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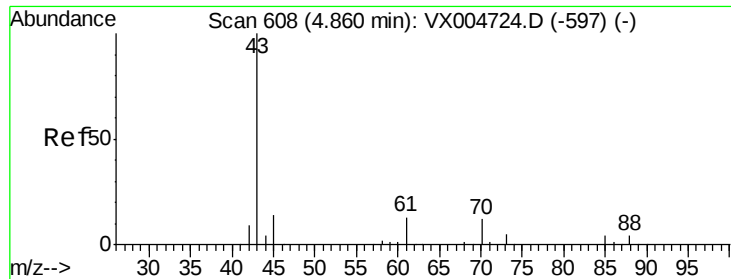
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 10/5/2018 3:24:48 PM



#36
 1,1-Dichloropropene
 Concen: 18.623 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84471		
110	37.9		20.0	59.9
77	31.8		27.1	40.7





#37

Ethyl Acetate

Concen: 20.675 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

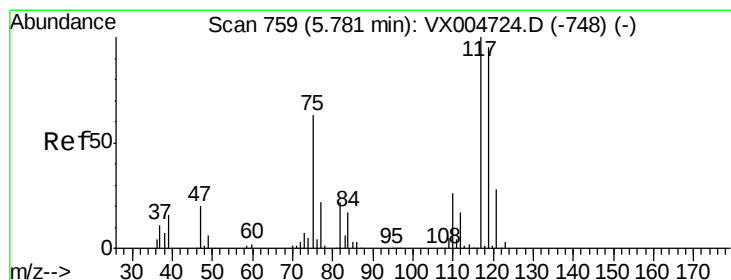
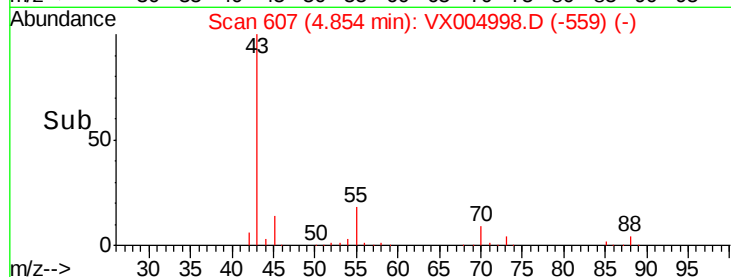
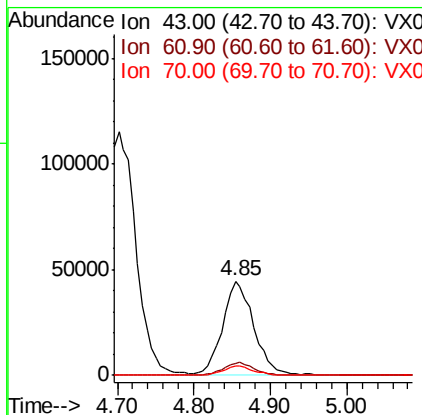
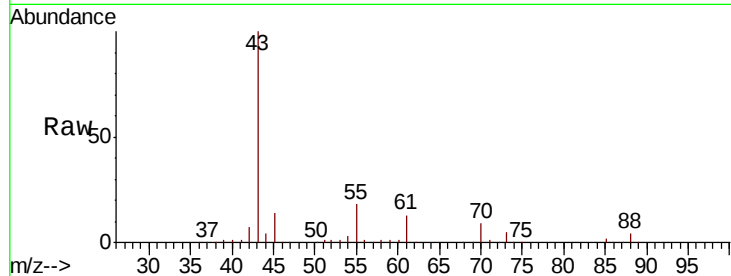
ClientSampleId :

VX1004WBSD02

Tot Ion:	43	Resp:	124486
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	9.8	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 18.199 ug/l

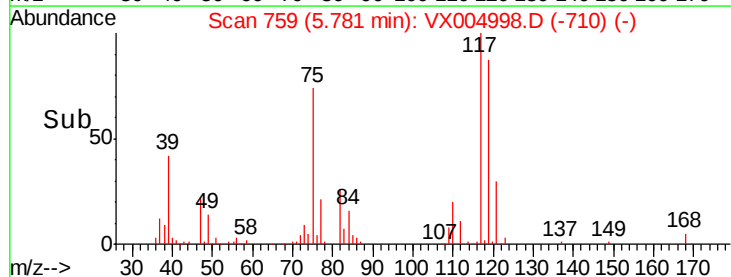
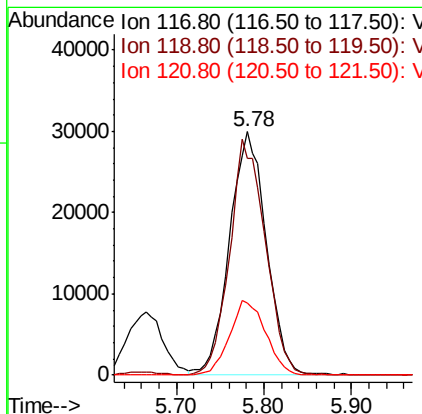
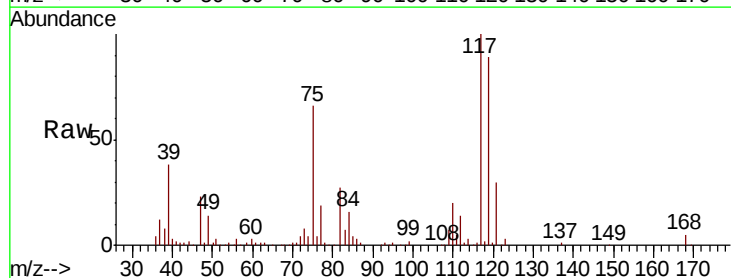
RT: 5.78 min Scan# 759

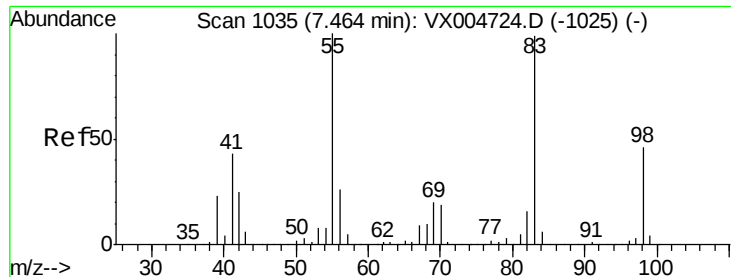
Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	117	Resp:	86775
Ion	Ratio	Lower	Upper
117	100		
119	89.3	75.2	112.8
121	30.0	22.5	33.7





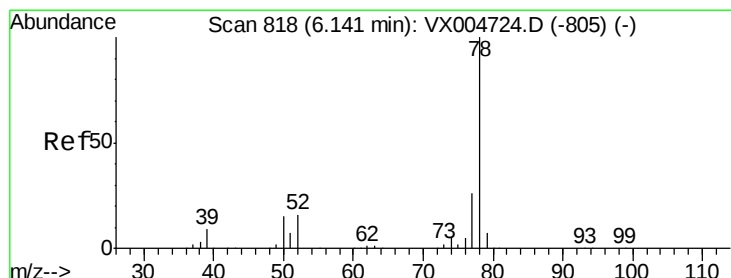
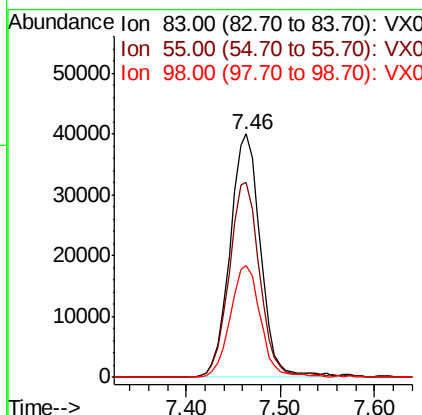
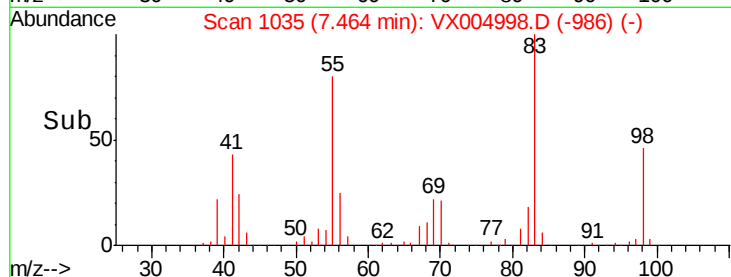
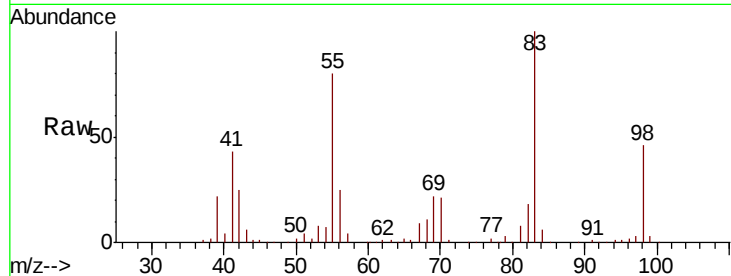
#39
Methvlcvclohexane
Concen: 19.518 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	83	Resp	90399
Ion Ratio	Lower	Upper	
83	100		
55	80.1	81.1	121.7#
98	45.7	37.3	55.9

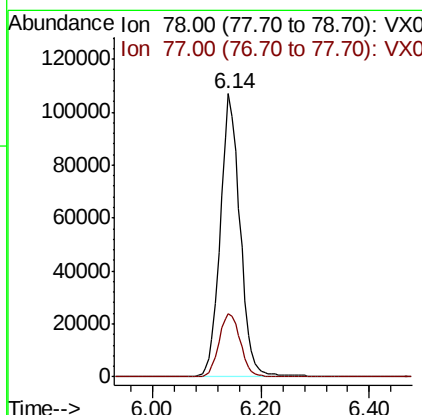
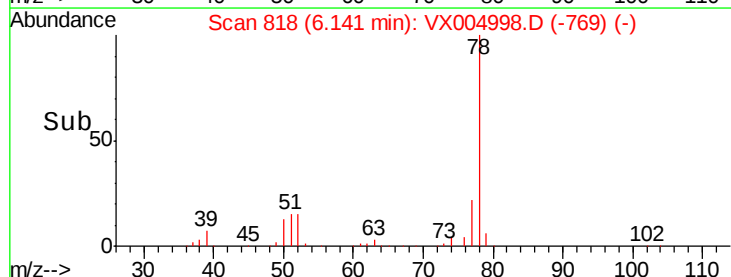
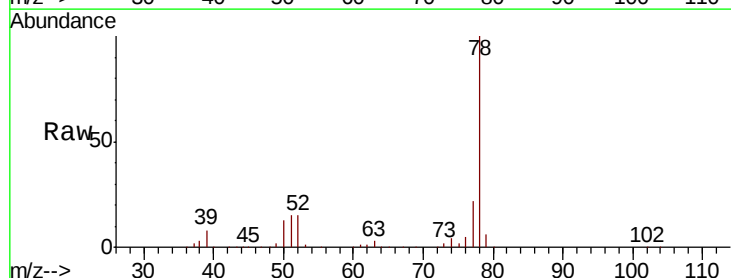
Manual Integrations
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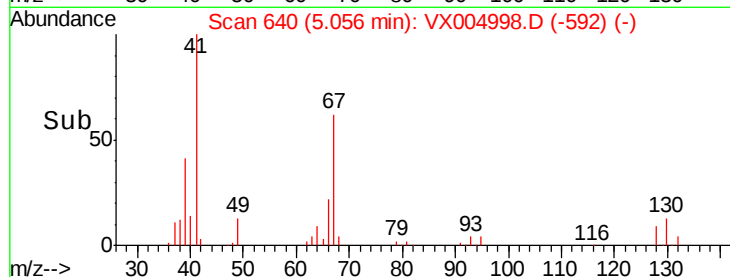
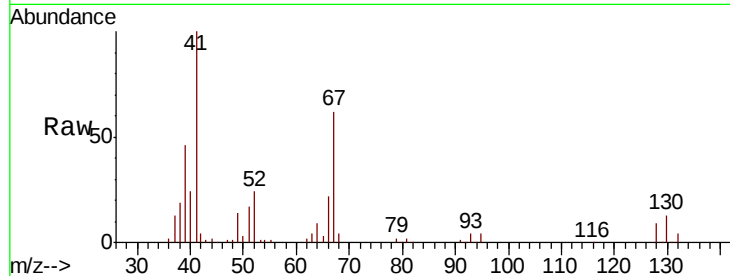
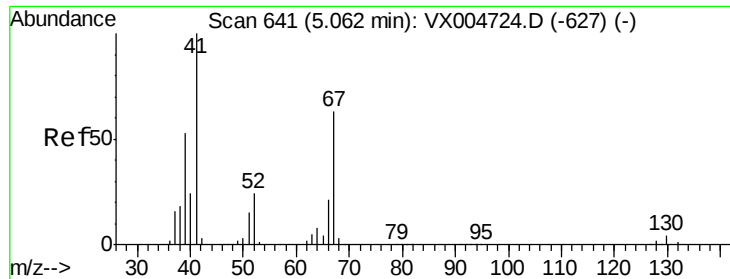
MMDadoda
10/5/2018 3:24:48 PM



#40
Benzene
Concen: 19.102 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	78	Resp	271257
Ion Ratio	Lower	Upper	
78	100		
77	22.3	21.0	31.4





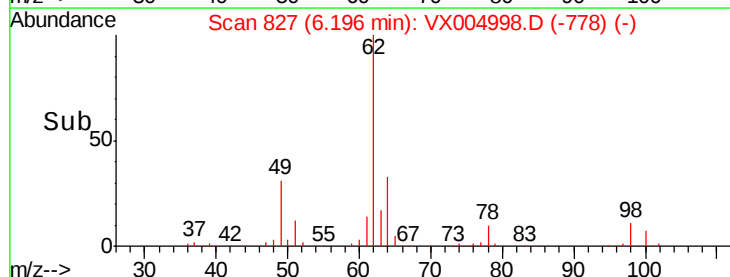
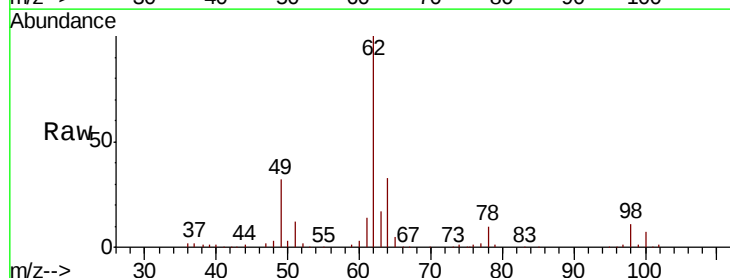
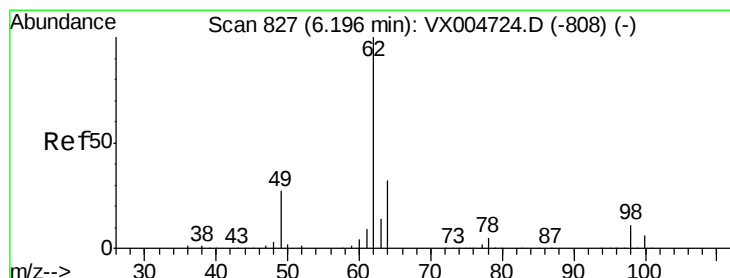
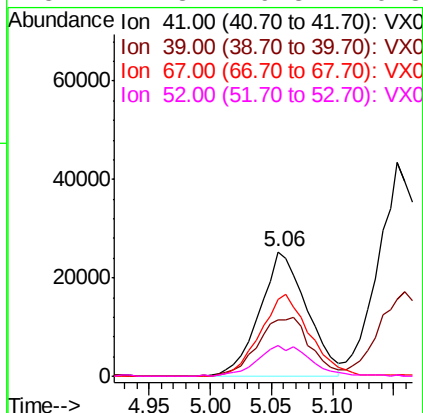
#41
Methacrylonitrile
Concen: 20.223 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		67525		
39	52.5	42.5	63.7		
67	69.0	53.0	79.6		
52	27.3	19.8	29.8		

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

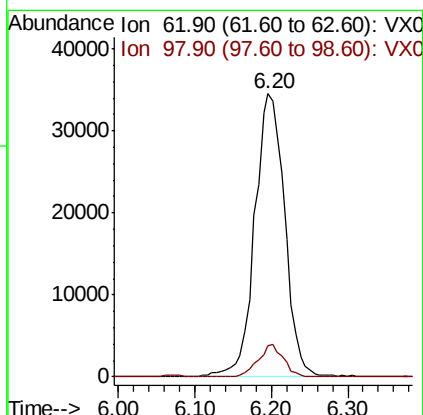
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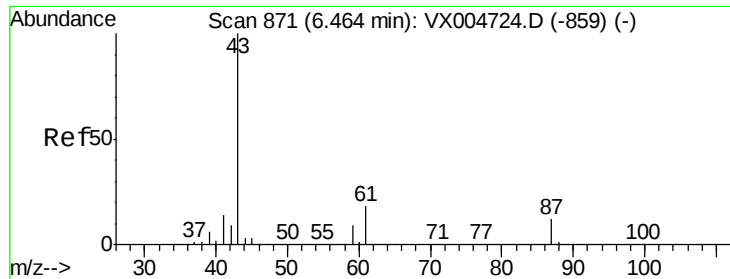
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.855 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		94650		
98	9.8	0.0	20.2		





#43

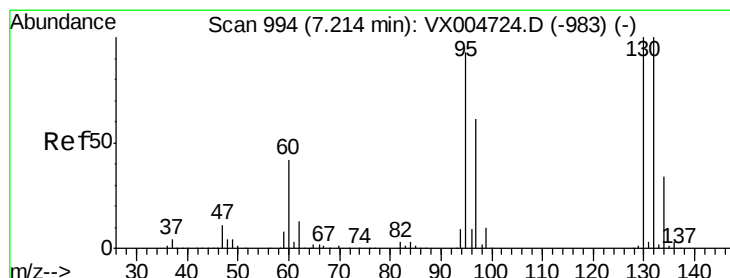
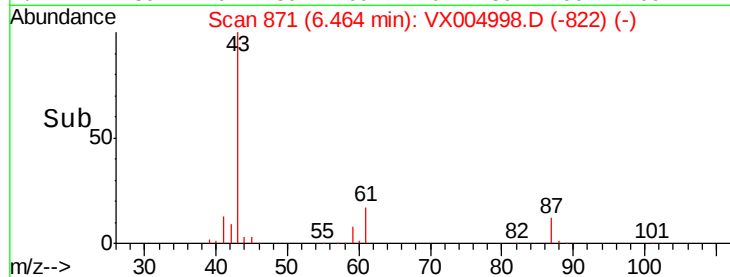
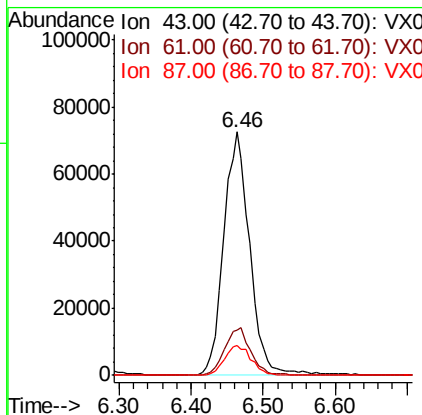
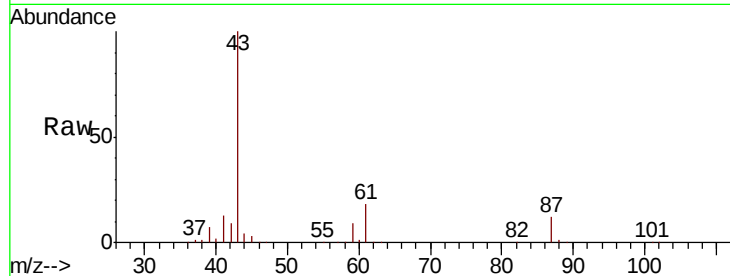
Isopropyl Acetate
 Concen: 20.869 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	43	61	87
Resp	181357		
Ratio	100	19.5	12.7
Lower		14.2	9.3
Upper		21.4	13.9

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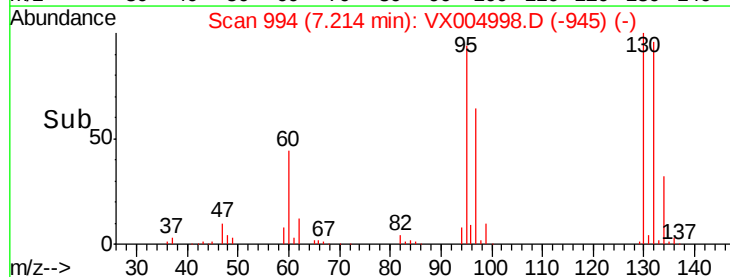
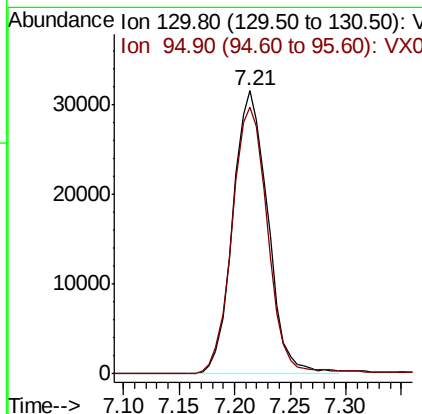
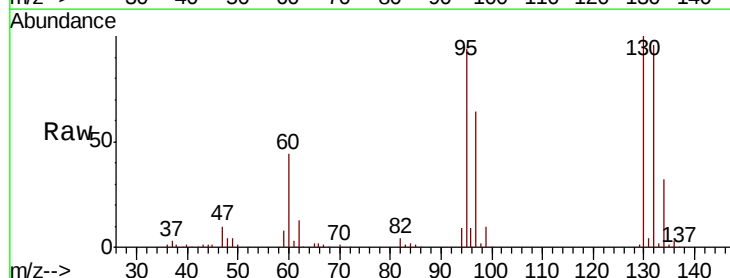
MMDadoda
 10/5/2018 3:24:48 PM

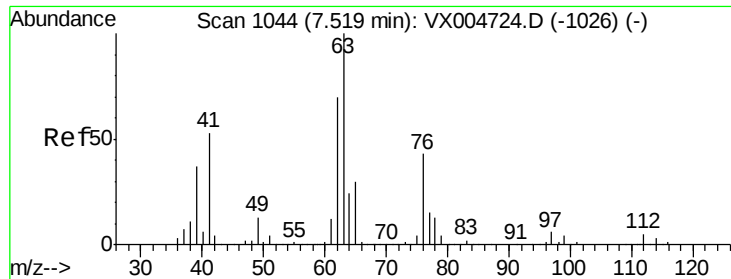


#44

Trichloroethene
 Concen: 19.729 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	130	95
Resp	68871	
Ratio	100	94.1
Lower		0.0
Upper		186.8





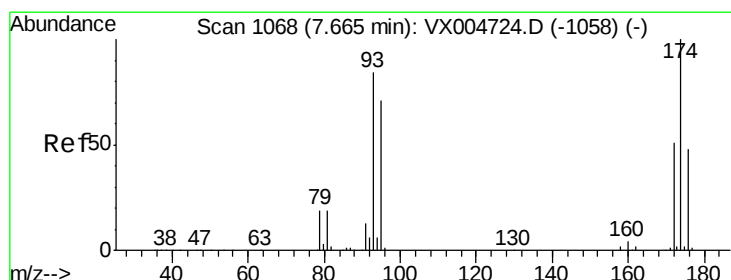
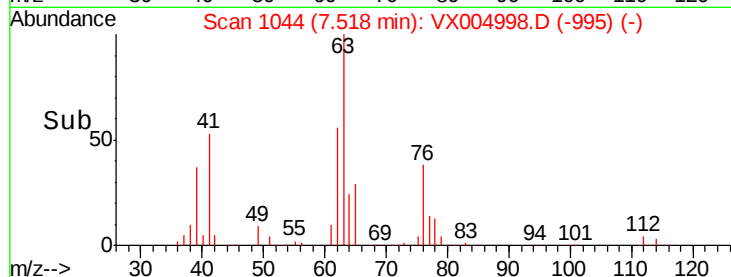
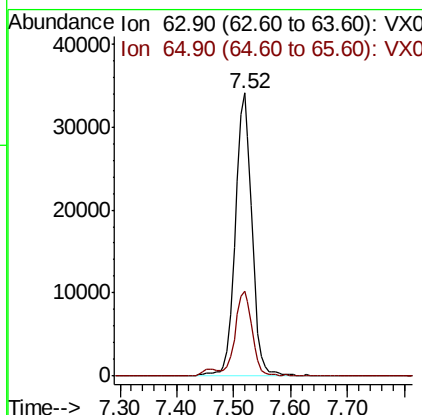
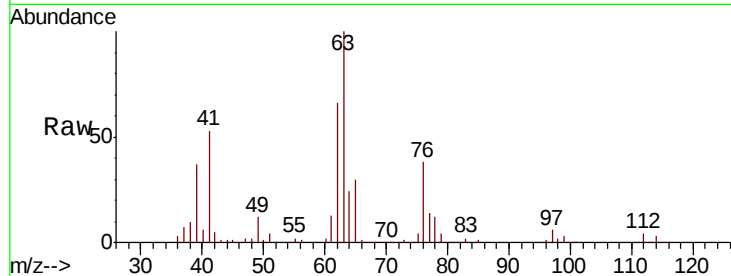
#45
 1,2-Dichloropropane
 Concen: 20.142 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion: 63 Resp: 70143
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9

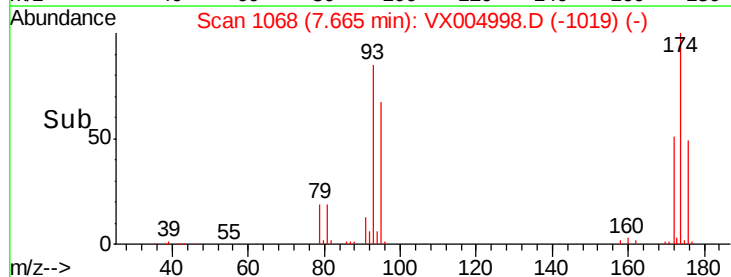
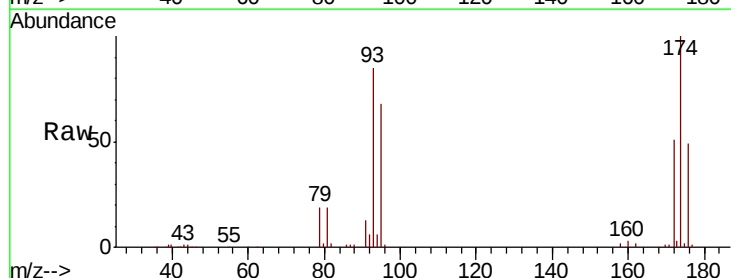
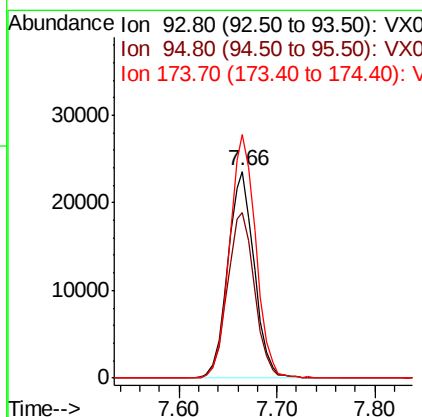
Manual Integrations
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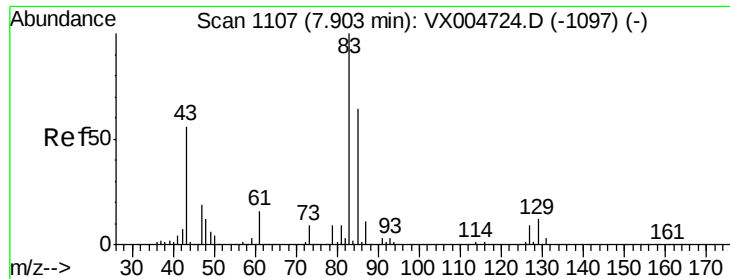
MMDadoda
 10/5/2018 3:24:48 PM



#46
 Dibromomethane
 Concen: 20.103 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 93 Resp: 43997
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.7 100.1
 174 116.9 92.7 139.1





#47

Bromodichloromethane

Concen: 20.001 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

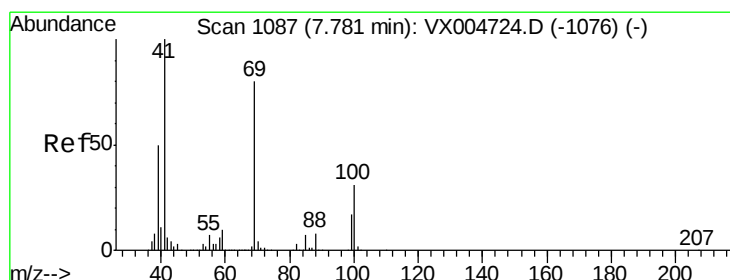
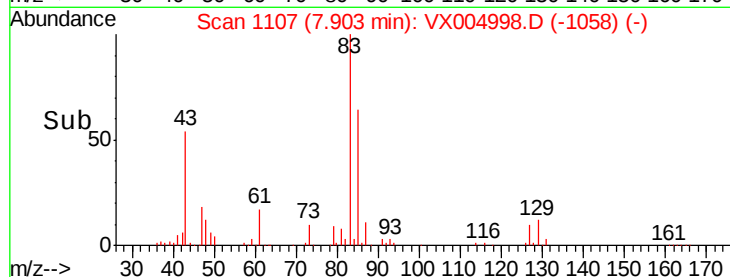
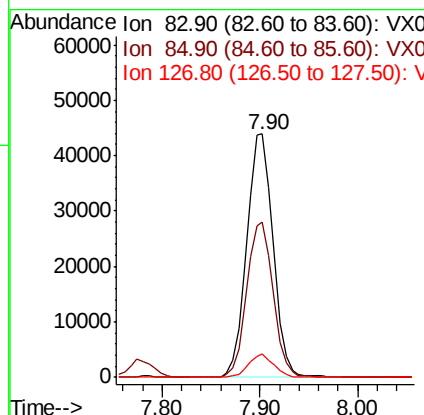
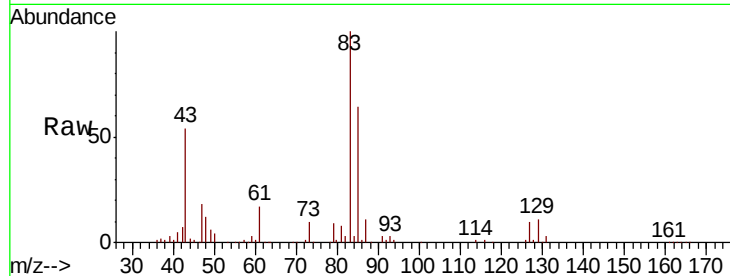
ClientSampleId :

VX1004WBSD02

Tot Ion:	83	Resp:	81954
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.2	76.8
127	9.7	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.960 ug/l

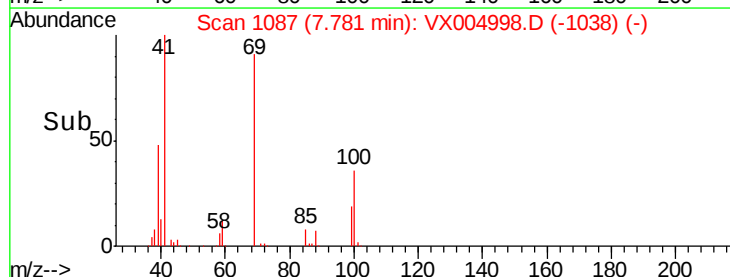
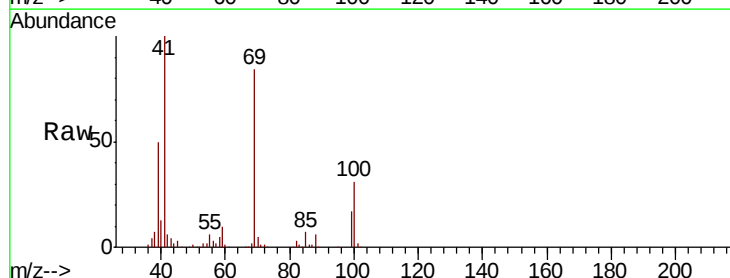
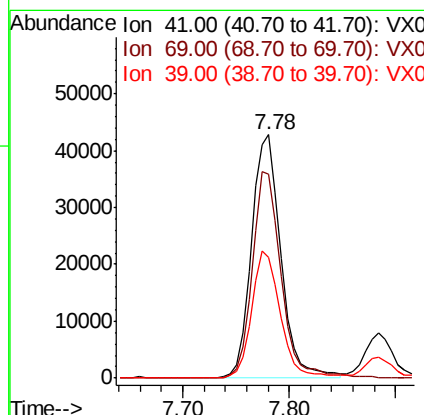
RT: 7.78 min Scan# 1087

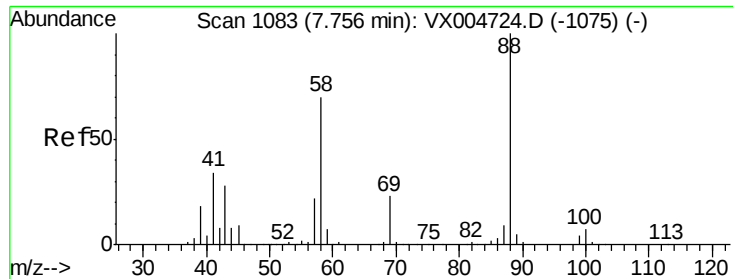
Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	41	Resp:	82677
Ion	Ratio	Lower	Upper
41	100		
69	84.2	63.8	95.6
39	51.8	40.7	61.1





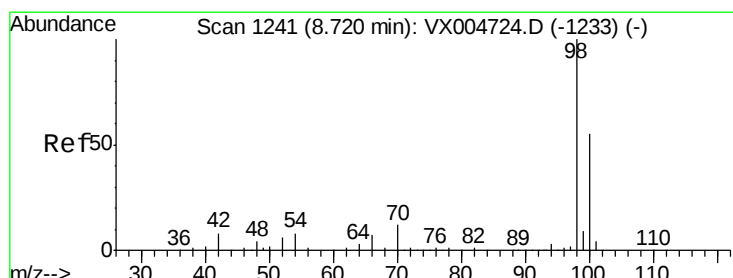
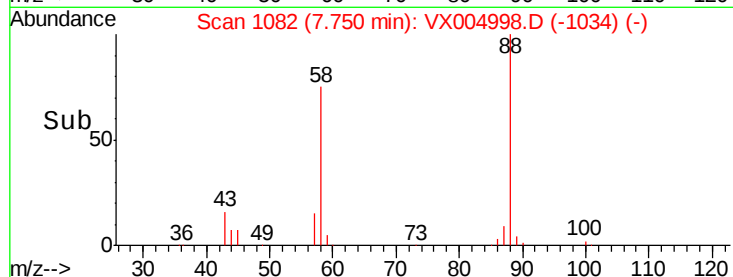
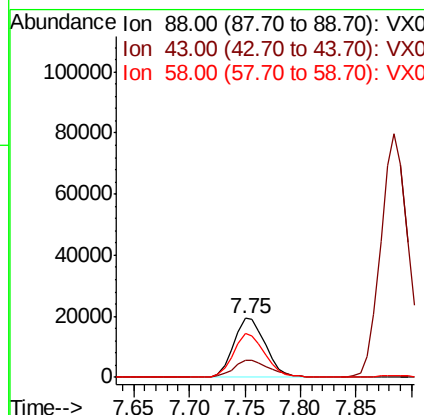
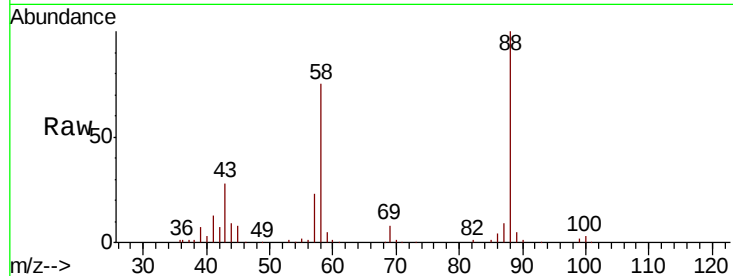
#49
1,4-Dioxane
Concen: 391.532 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.1	37.7
58	75.0	56.2	84.2

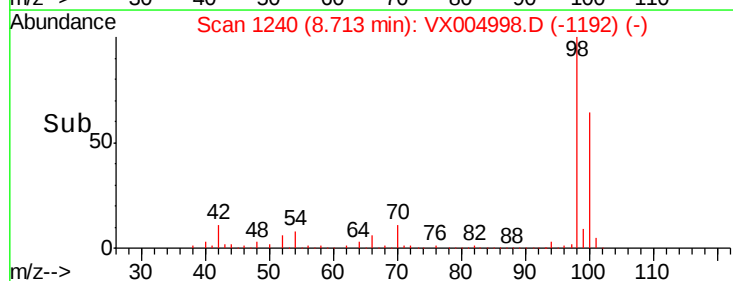
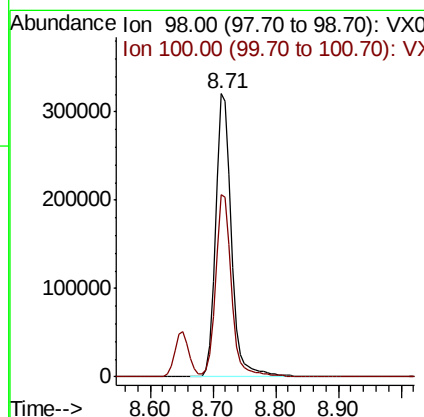
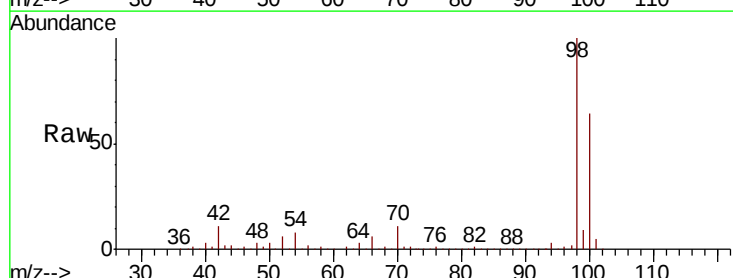
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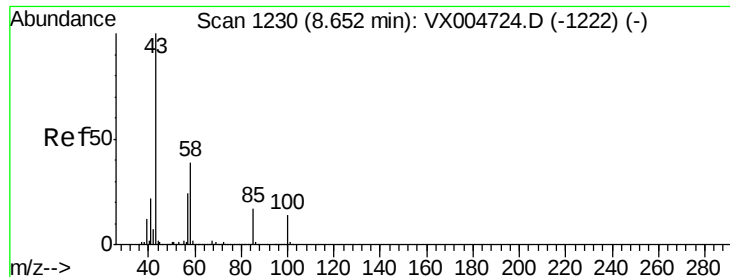
MMDadoda
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#50
Toluene-d8
Concen: 50.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 106.240 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 43 Resp: 581328

Ion Ratio Lower Upper

43 100

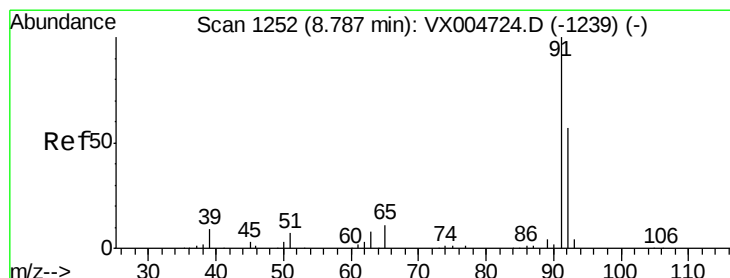
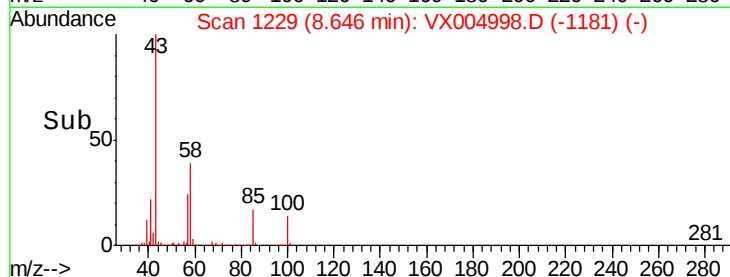
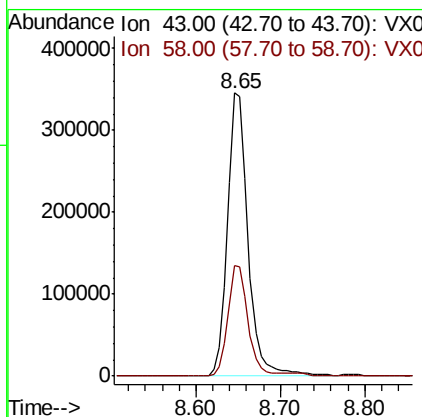
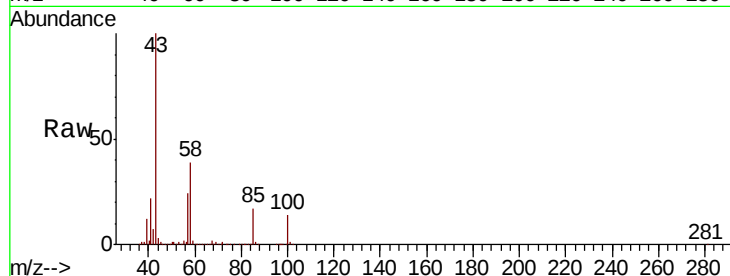
58 37.8 30.5 45.7

Manual Integrations

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#52

Toluene

Concen: 20.575 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004998.D

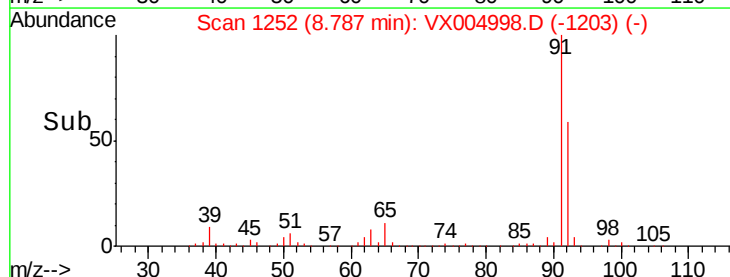
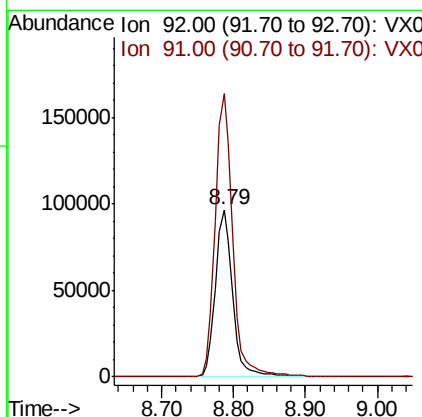
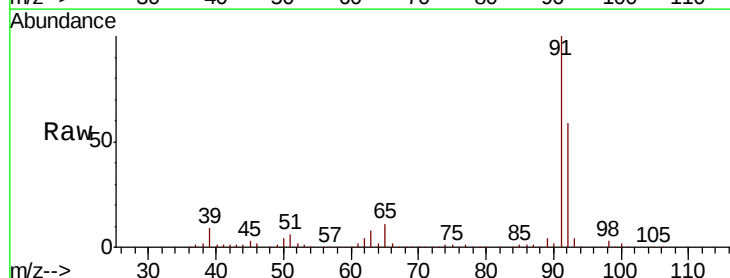
Acq: 04 Oct 2018 05:08

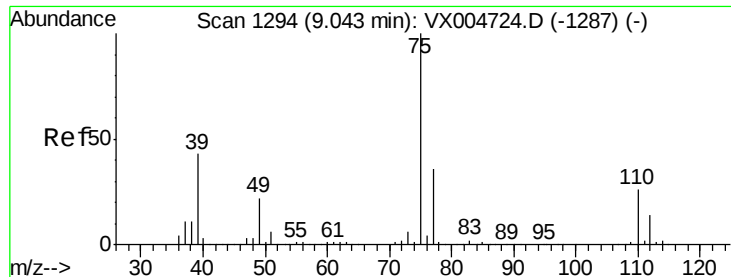
Tgt Ion: 92 Resp: 160549

Ion Ratio Lower Upper

92 100

91 171.9 136.7 205.1





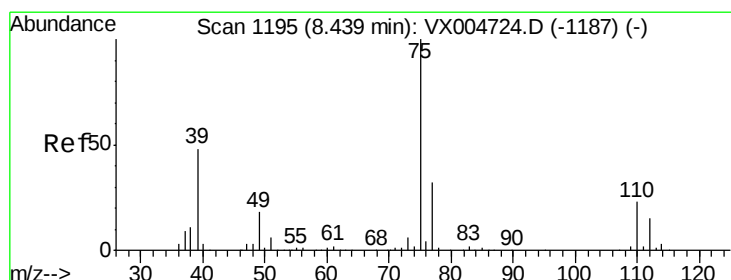
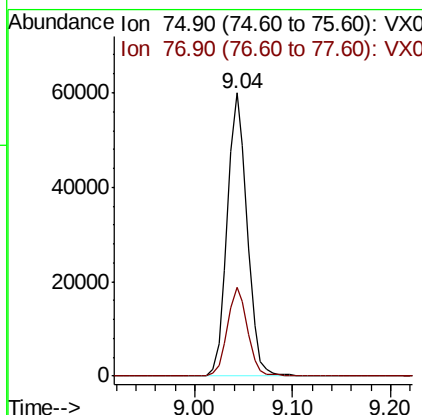
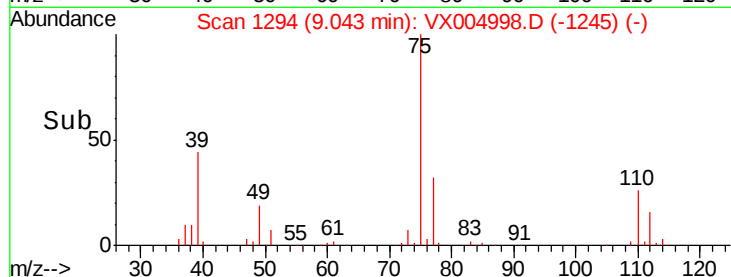
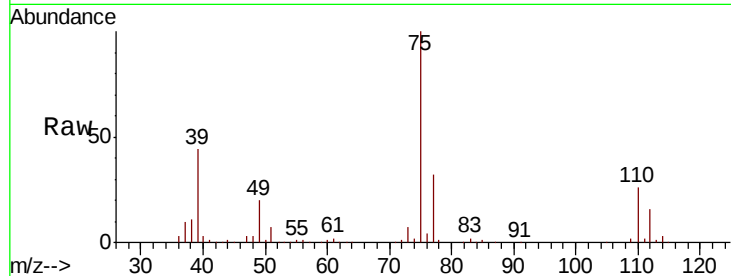
#53
t-1,3-Dichloropropene
Concen: 18.350 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion: 75 Resp: 84966
Ion Ratio Lower Upper
75 100
77 31.5 28.9 43.3

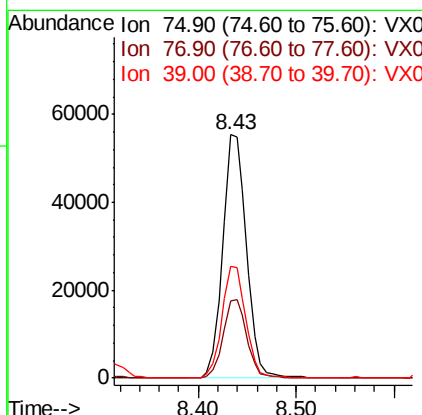
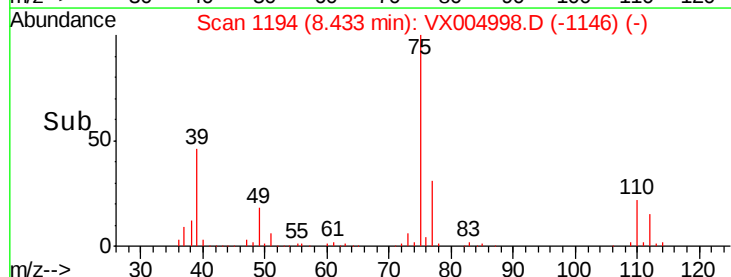
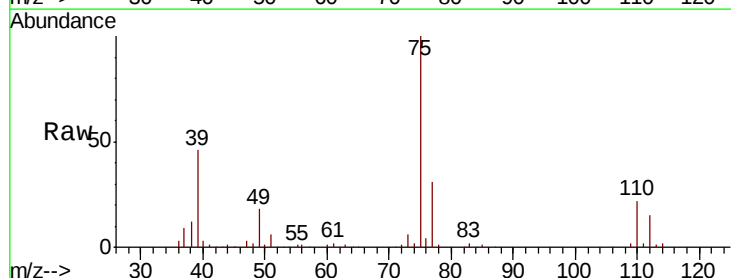
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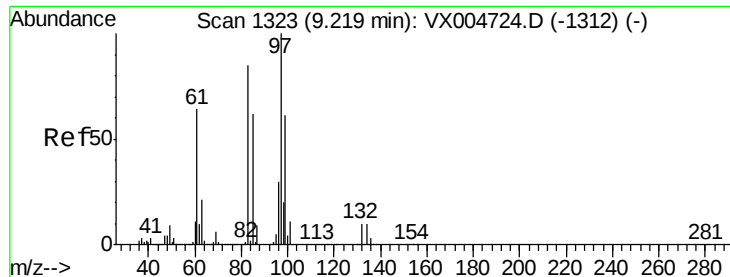
MMDadoda
10/5/2018 3:24:48 PM



#54
cis-1,3-Dichloropropene
Concen: 19.180 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion: 75 Resp: 93021
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
39 46.0 38.3 57.5





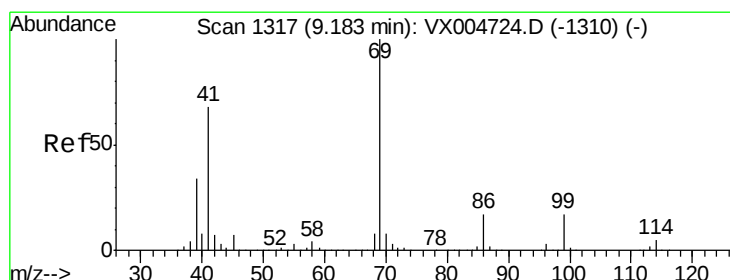
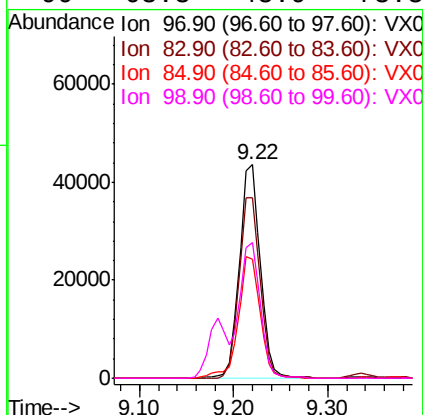
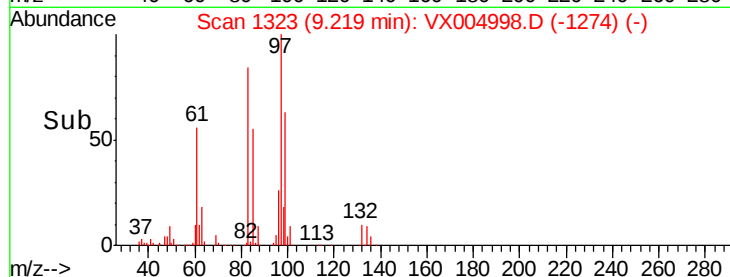
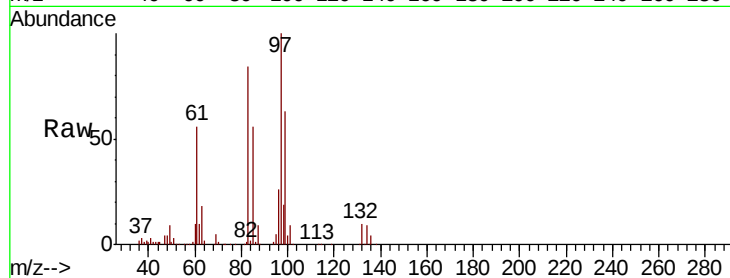
#55
 1,1,2-Trichloroethane
 Concen: 19.730 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.2
85	55.6	49.9	74.9
99	63.3	48.9	73.3

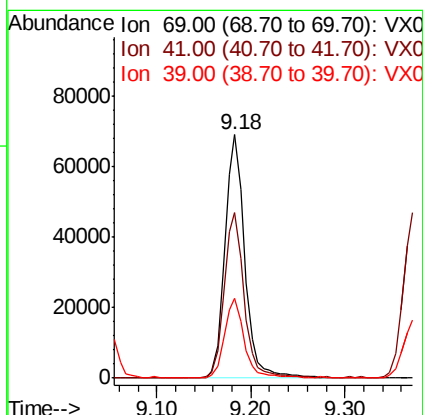
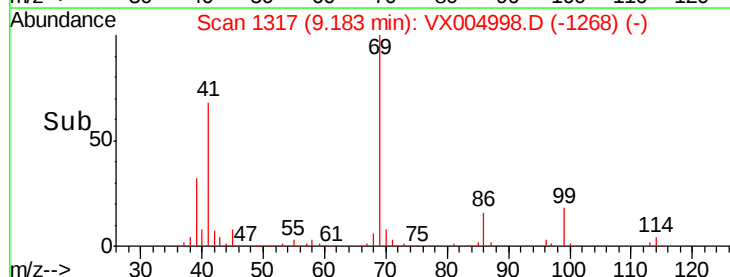
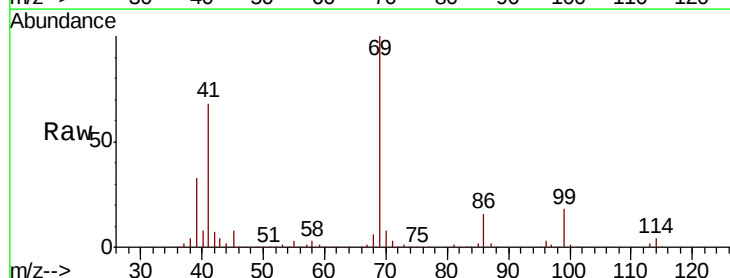
Manual Integrations
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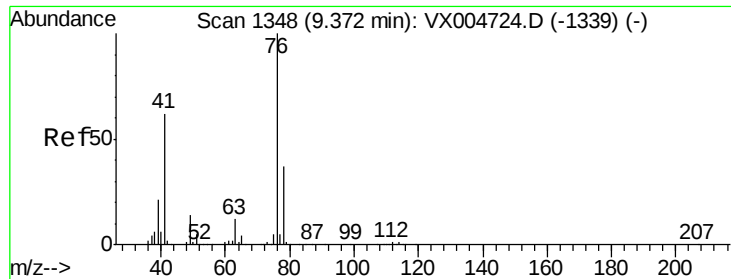
MMDadoda
 10/5/2018 3:24:48 PM



#56
 Ethyl methacrylate
 Concen: 20.030 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.9	85.3
39	32.3	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.652 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 76 Resp: 111794

Ion Ratio Lower Upper

76 100

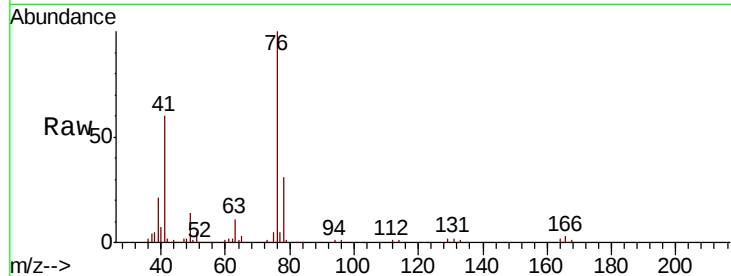
78 32.5 26.6 40.0

Manual Integrations

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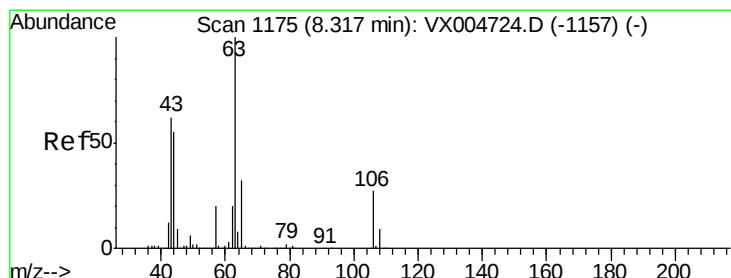
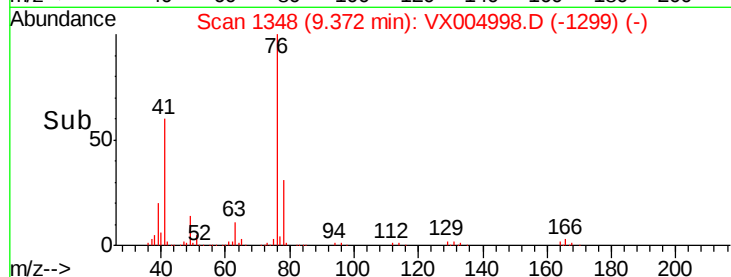
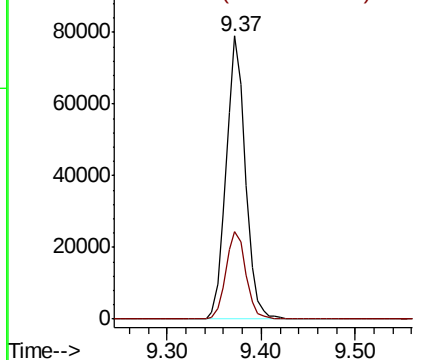
MMDadoda

10/5/2018 3:24:48 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.192 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004998.D

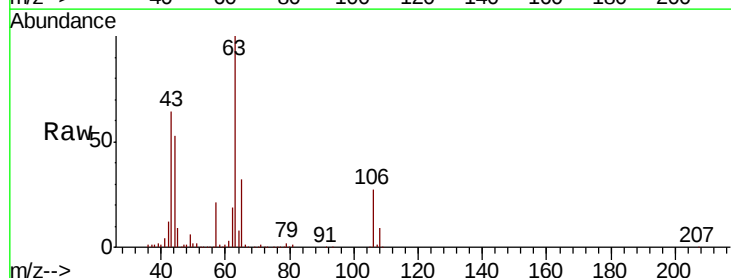
Acq: 04 Oct 2018 05:08

Tgt Ion: 63 Resp: 277786

Ion Ratio Lower Upper

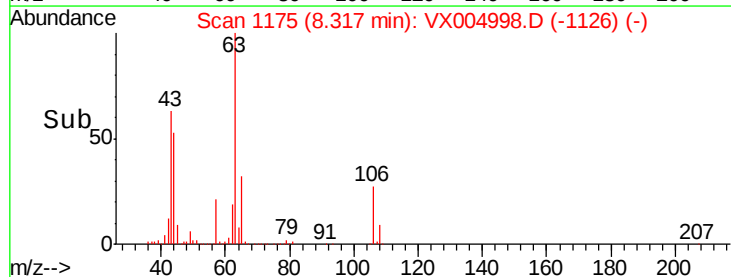
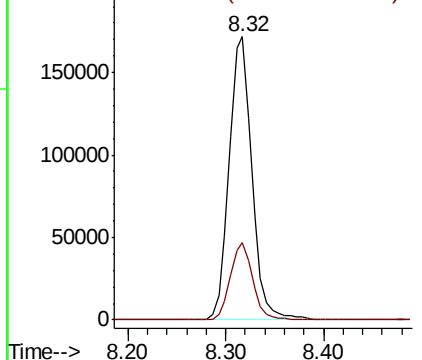
63 100

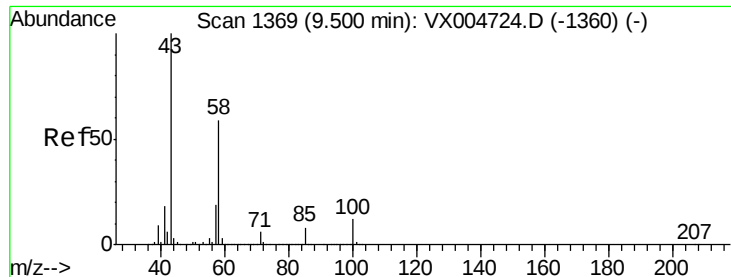
106 26.8 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





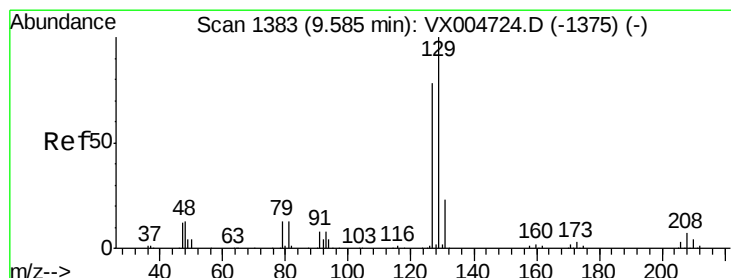
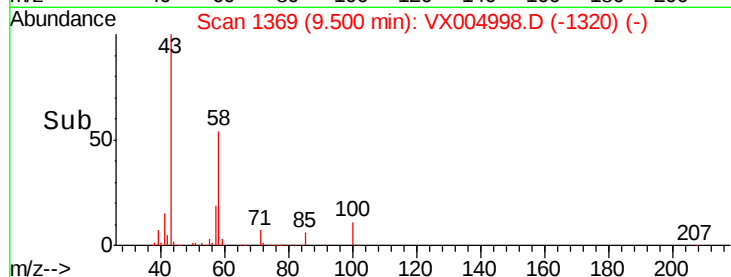
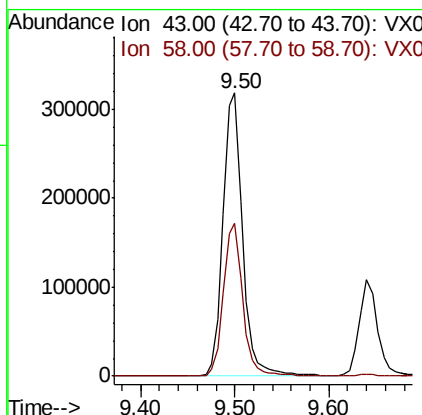
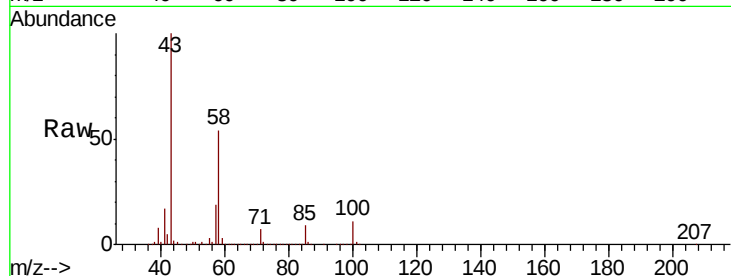
#59
2-Hexanone
Concen: 100.377 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion: 43 Resp: 457696
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3

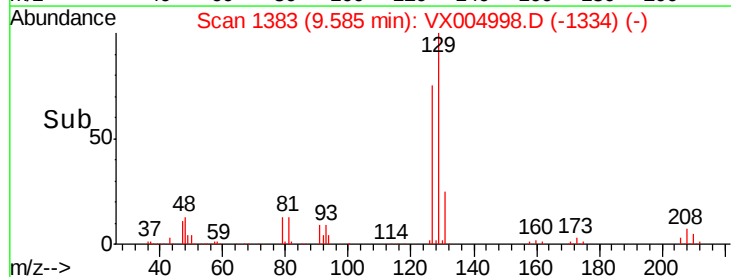
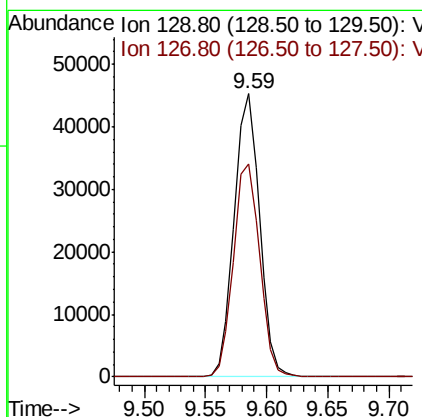
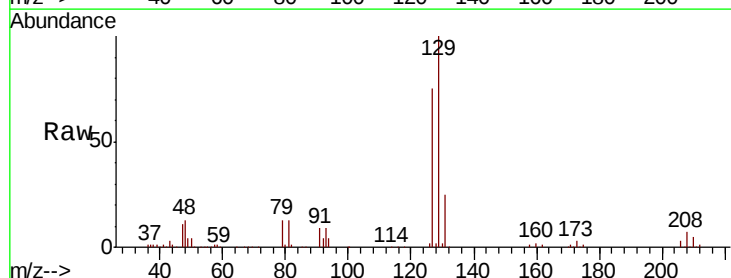
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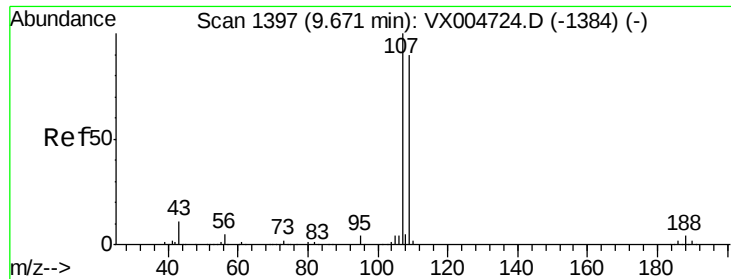
MMDadoda
10/5/2018 3:24:48 PM



#60
Dibromochloromethane
Concen: 19.084 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion:129 Resp: 65232
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.981 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion:107 Resp: 69479

Ion Ratio Lower Upper

107 100

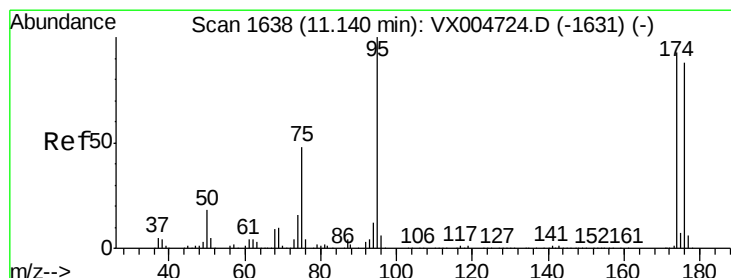
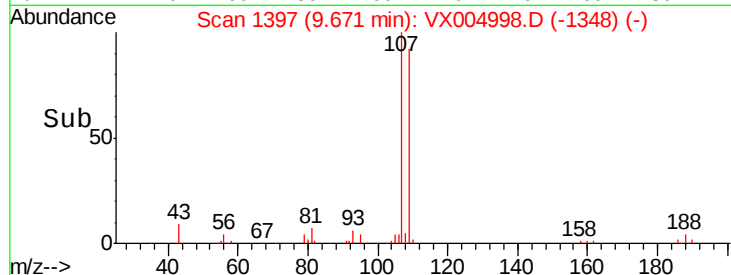
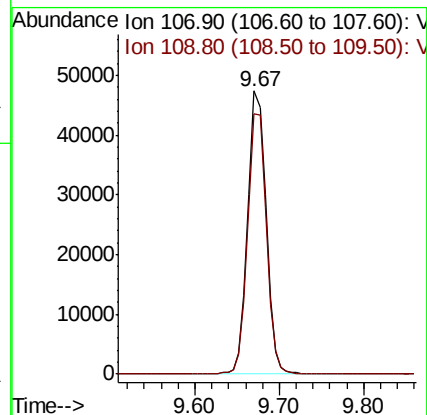
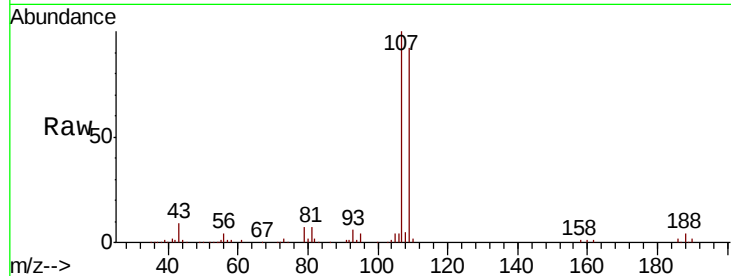
109 93.6 72.1 108.1

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#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

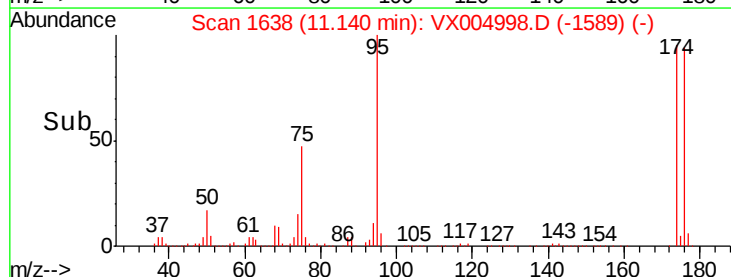
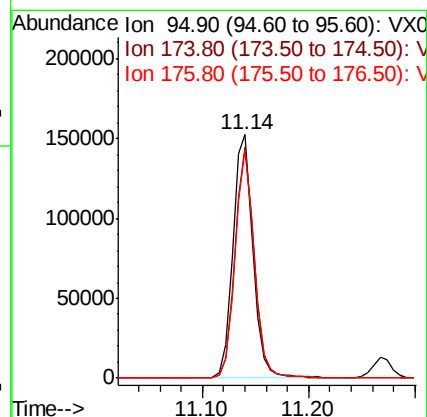
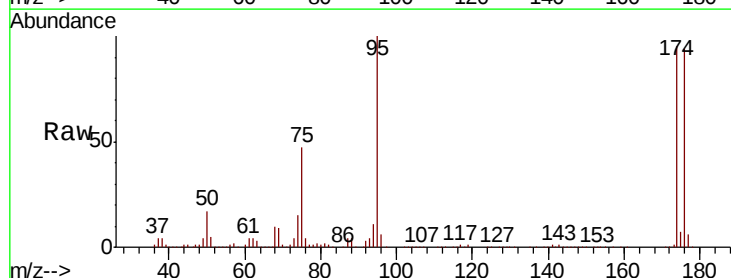
Tgt Ion: 95 Resp: 202085

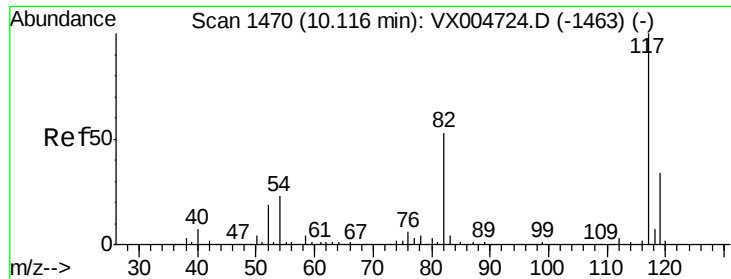
Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.0

176 89.5 0.0 180.2





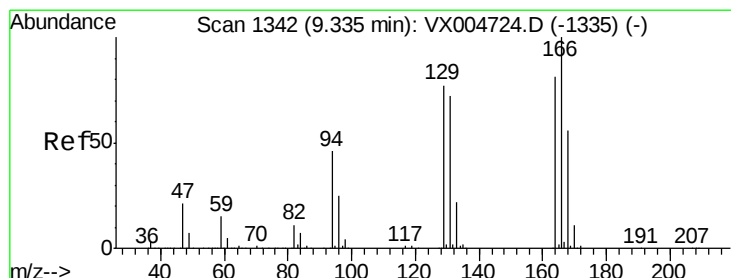
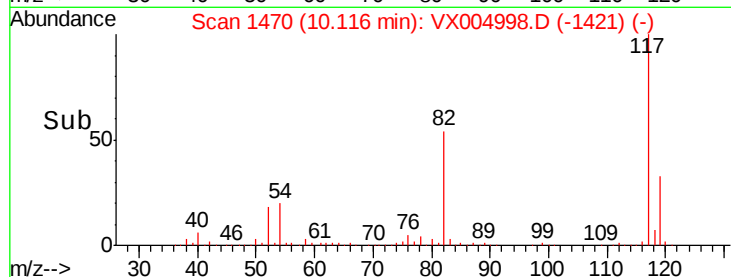
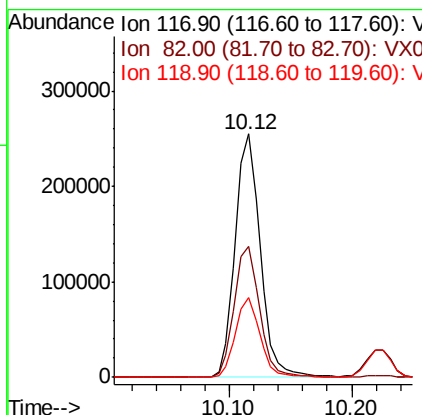
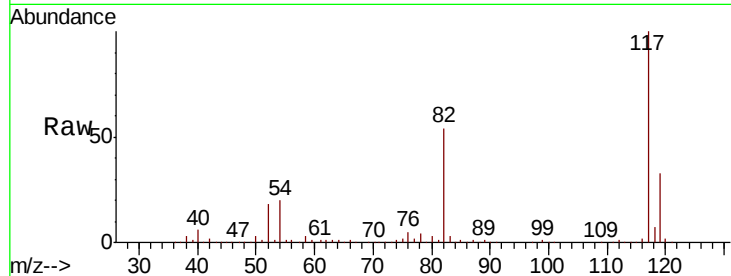
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	33.0	27.4	41.0

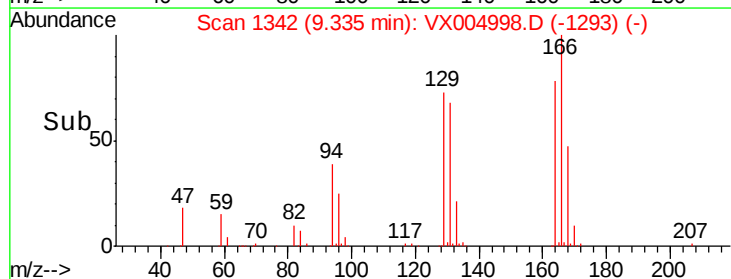
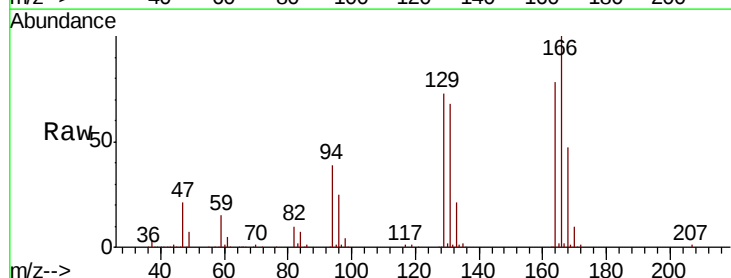
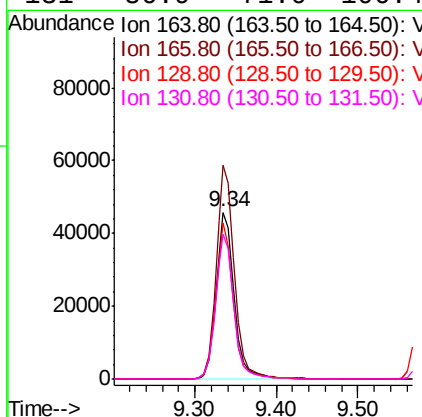
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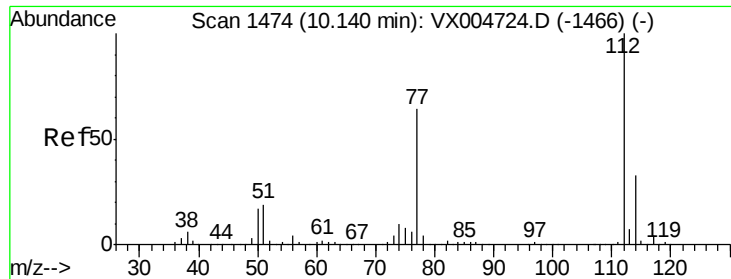
MMDadoda
10/5/2018 3:24:48 PM



#64
Tetrachloroethene
Concen: 20.087 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	98.4	147.6
129	93.3	76.1	114.1
131	86.9	71.0	106.4





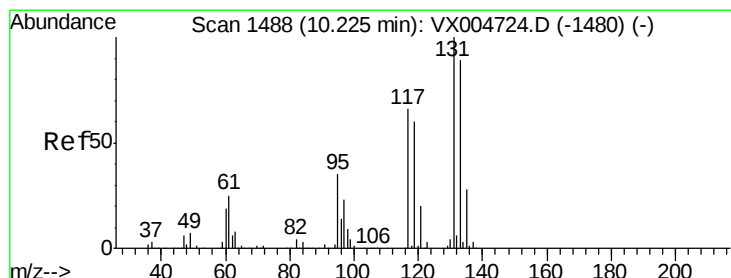
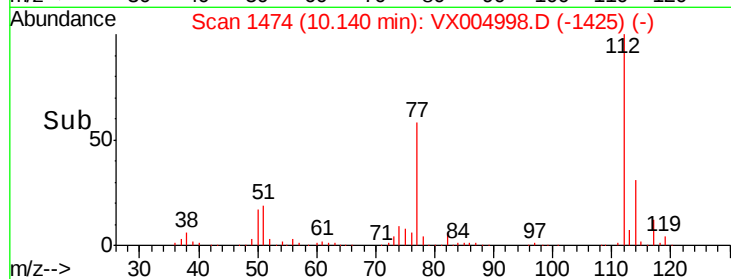
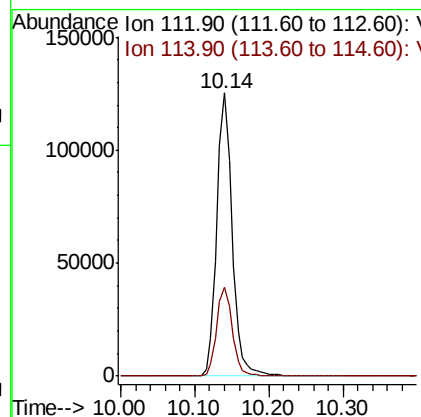
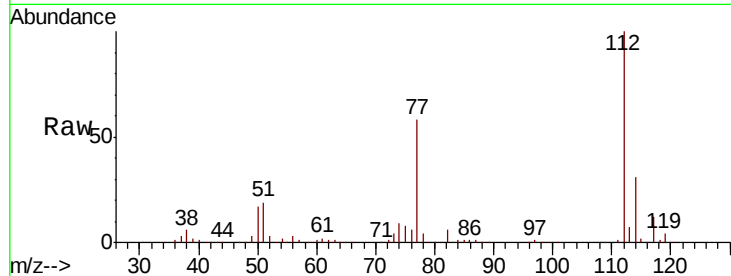
#65
Chlorobenzene
Concen: 19.161 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion:112 Resp: 178418
Ion Ratio Lower Upper
112 100
114 31.5 26.7 40.1

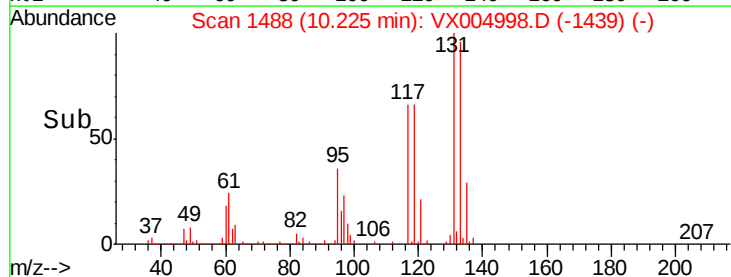
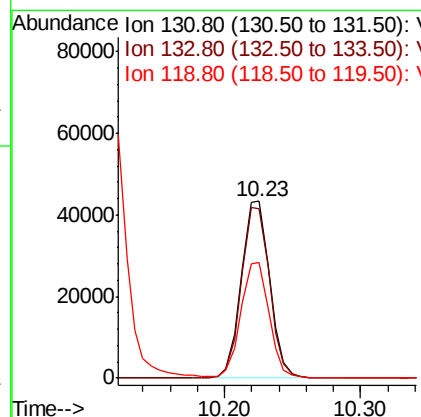
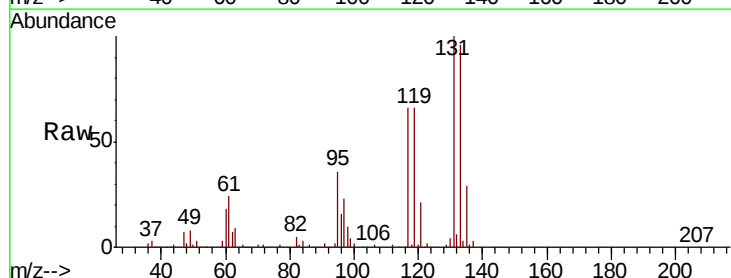
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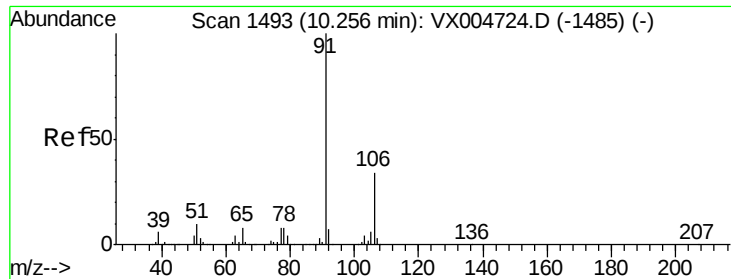
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.265 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion:131 Resp: 63064
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.0
119 65.4 32.3 96.8





#67

Ethyl Benzene

Concen: 19.825 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 91 Resp: 293073

Ion Ratio Lower Upper

91 100

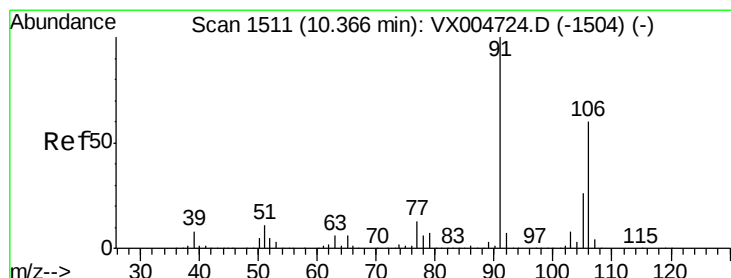
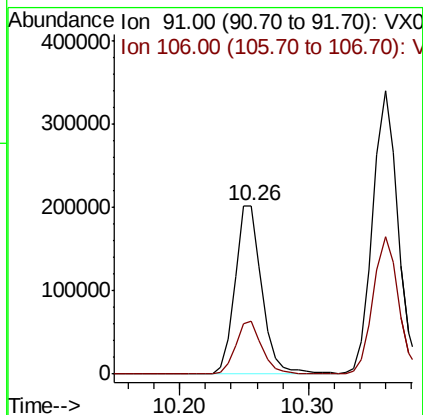
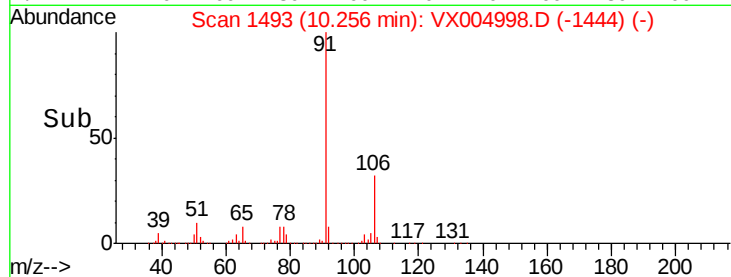
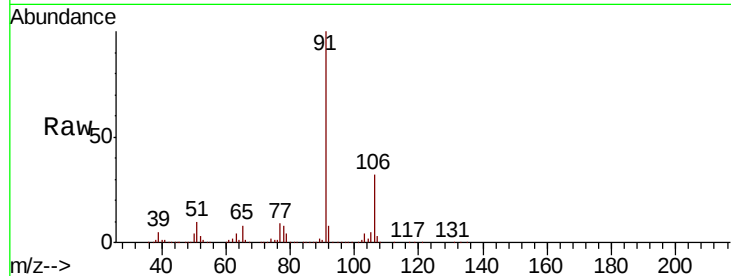
106 31.7 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.799 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004998.D

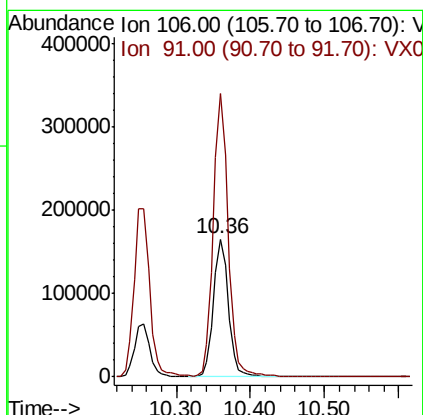
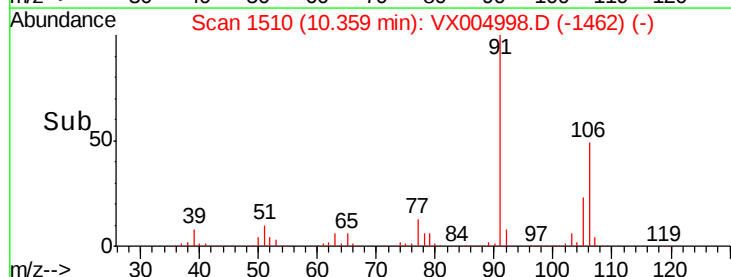
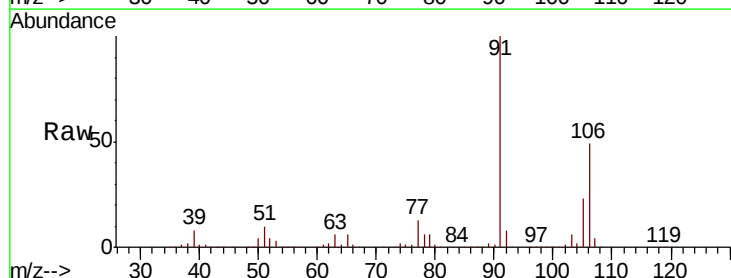
Acq: 04 Oct 2018 05:08

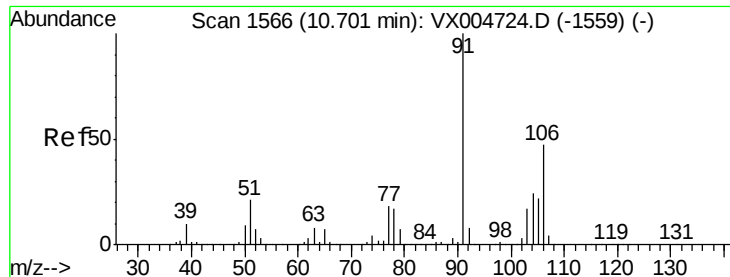
Tgt Ion: 106 Resp: 229913

Ion Ratio Lower Upper

106 100

91 204.0 157.5 236.3





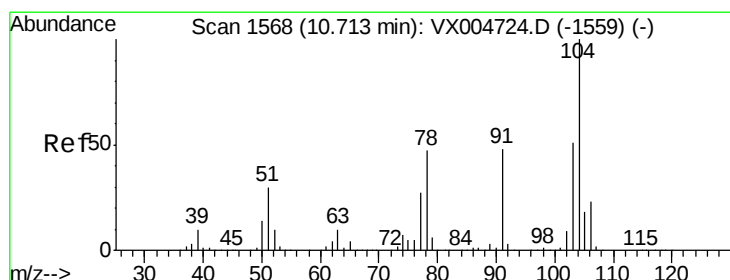
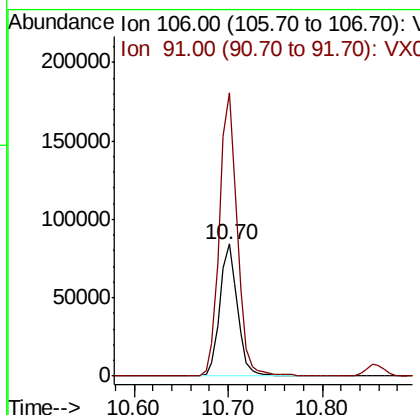
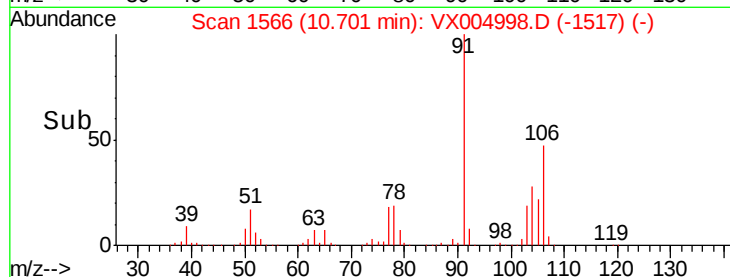
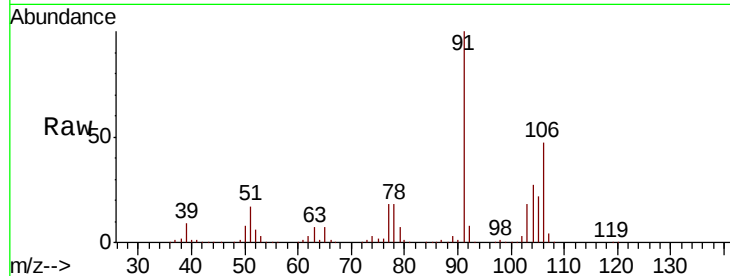
#69
o-Xylene
Concen: 20.733 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion:106 Resp: 110008
Ion Ratio Lower Upper
106 100
91 216.4 108.3 324.8

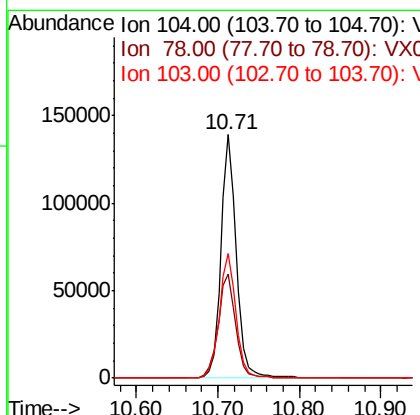
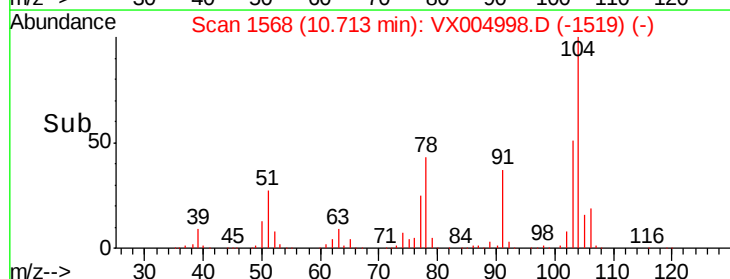
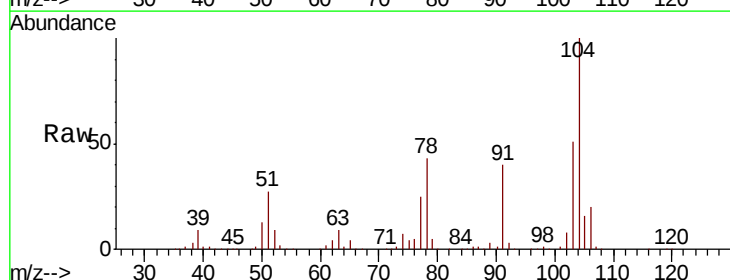
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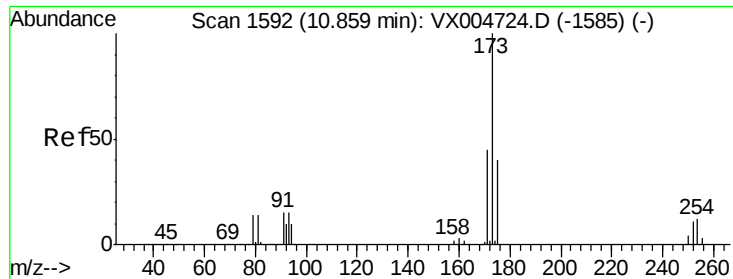
MMDadoda
10/5/2018 3:24:48 PM



#70
Styrene
Concen: 19.860 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion:104 Resp: 183711
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 18.319 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion:173 Resp: 51340

Ion Ratio Lower Upper

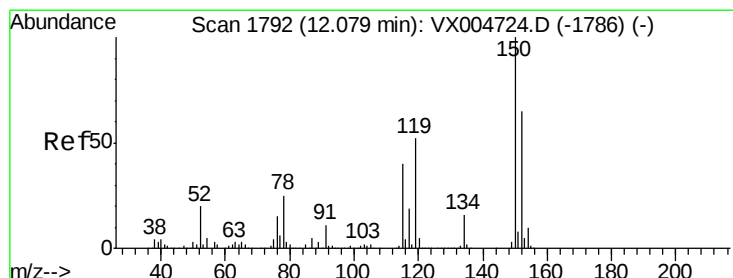
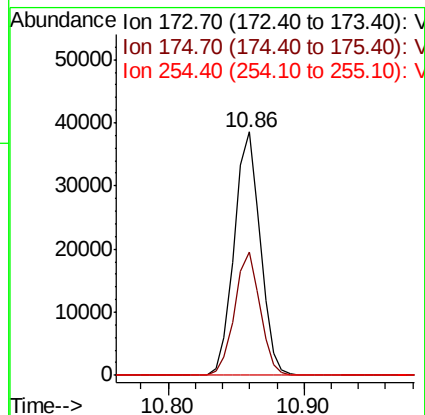
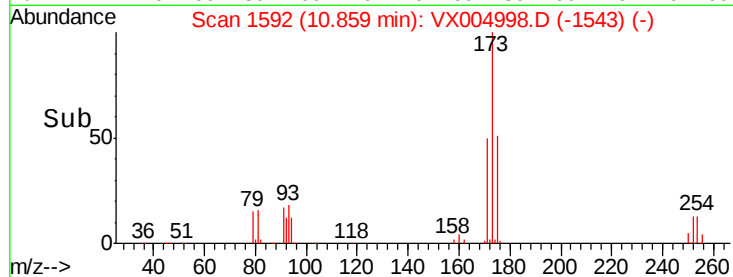
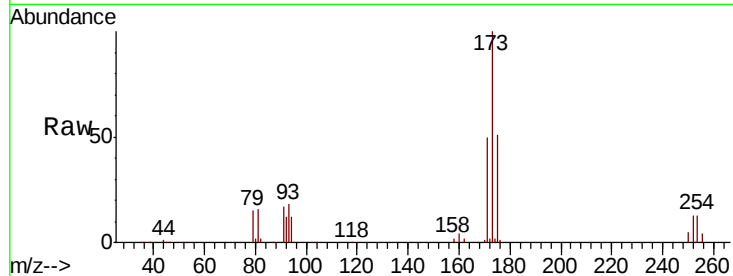
173 100

175 49.6 23.3 69.8

254 0.1 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

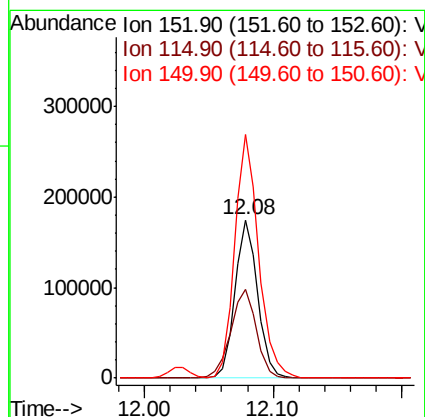
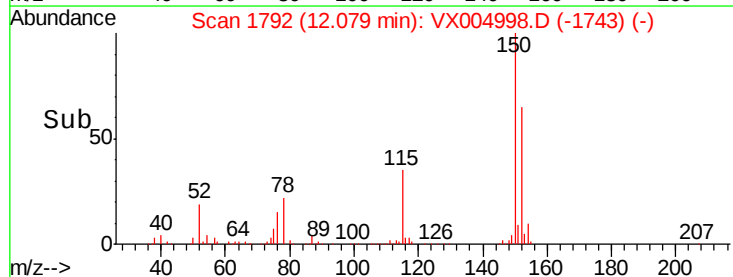
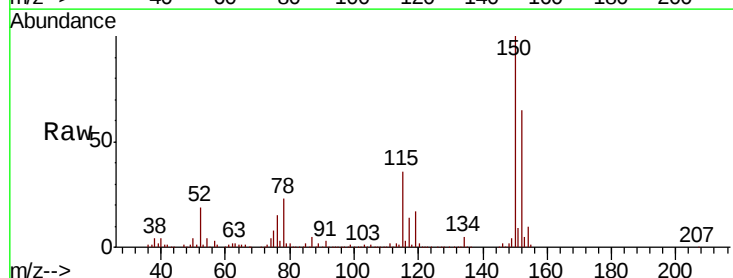
Tgt Ion:152 Resp: 214078

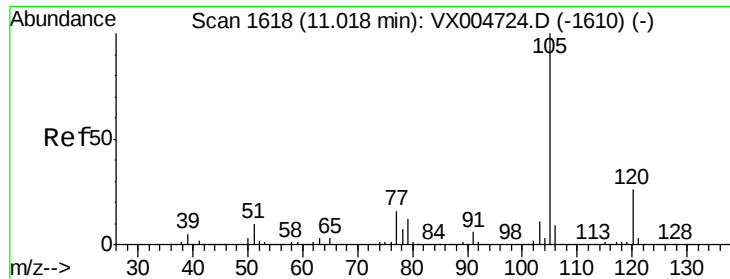
Ion Ratio Lower Upper

152 100

115 64.1 40.2 120.6

150 162.7 0.0 351.0





#73

Isopropylbenzene

Concen: 22.128 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 105 Resp: 298583

Ion Ratio Lower Upper

105 100

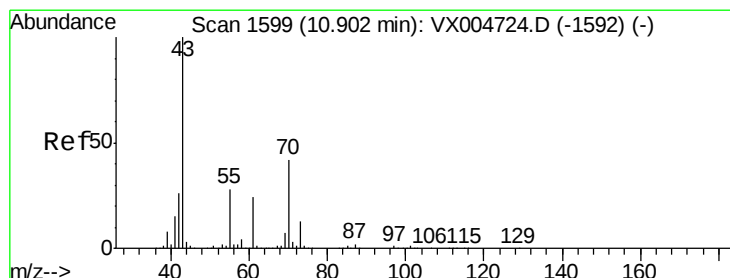
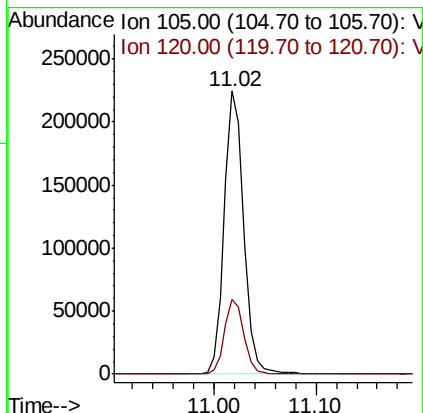
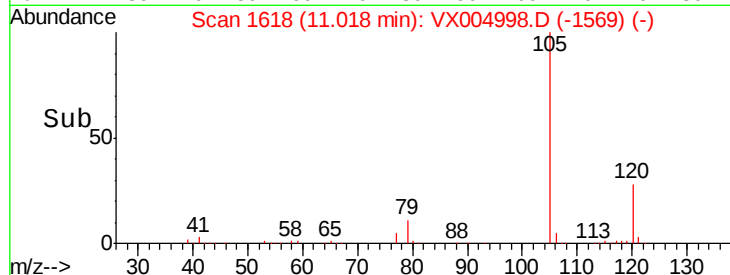
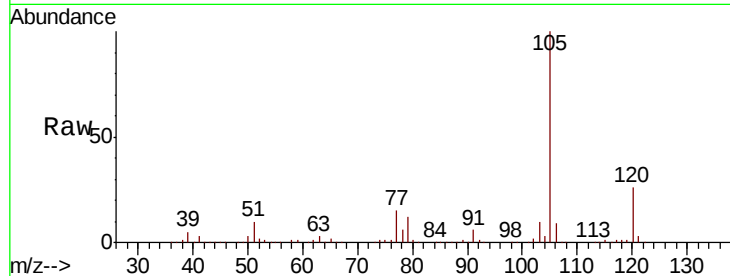
120 26.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.974 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion: 43 Resp: 140075

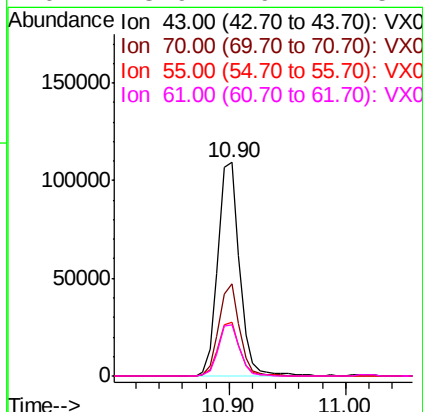
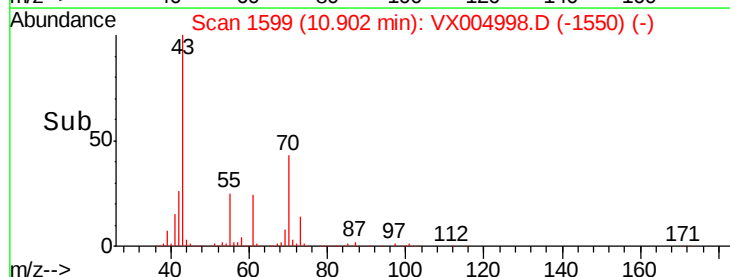
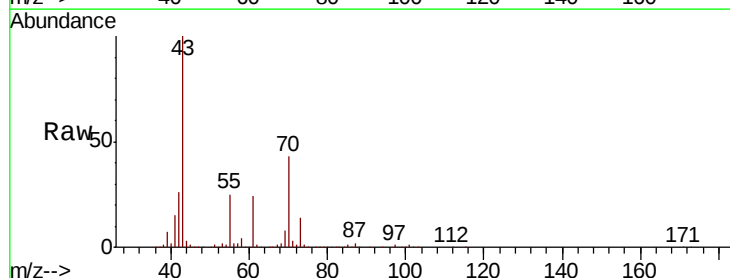
Ion Ratio Lower Upper

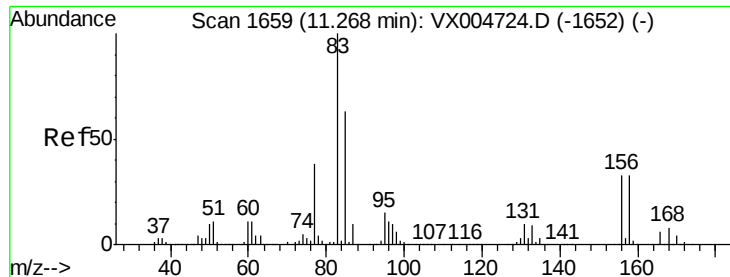
43 100

70 41.6 32.6 48.8

55 25.3 21.6 32.4

61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.367 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

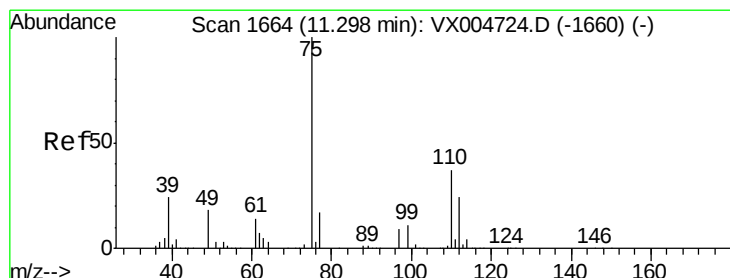
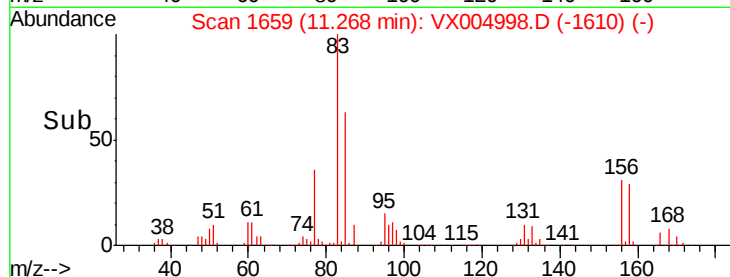
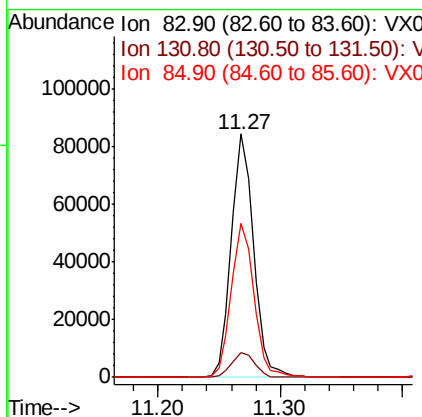
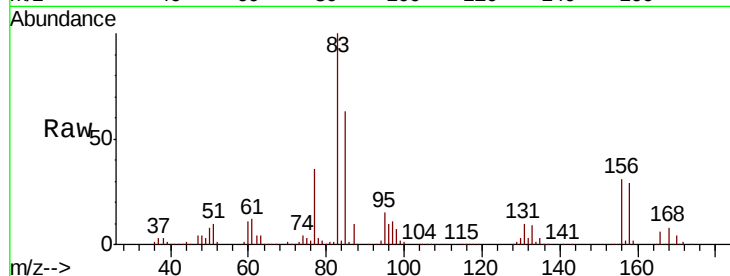
ClientSampleId :

VX1004WBSD02

Tot Ion:	83	Resp:	106382
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.335 ug/l m

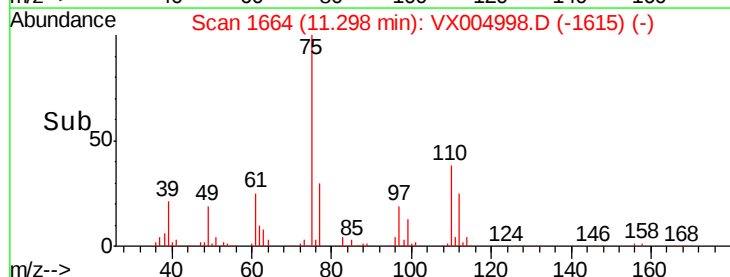
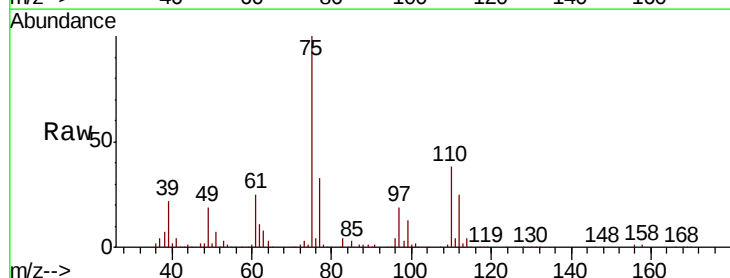
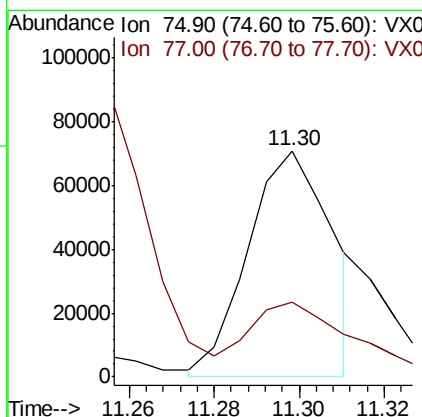
RT: 11.30 min Scan# 1664

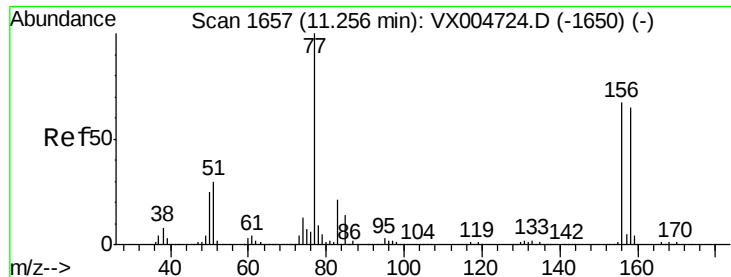
Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	75	Resp:	97573
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.4	64.3





#77

Bromobenzene

Concen: 20.828 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion:156 Resp: 81633

Ion Ratio Lower Upper

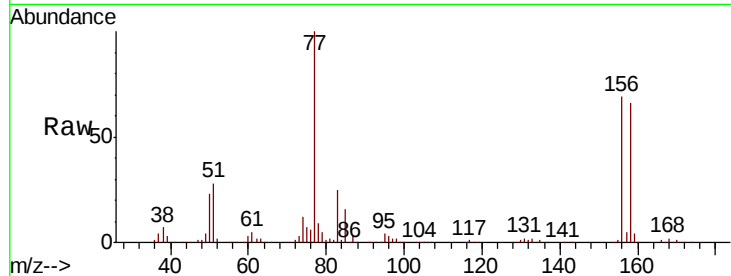
156 100

77 145.6 73.4 220.2

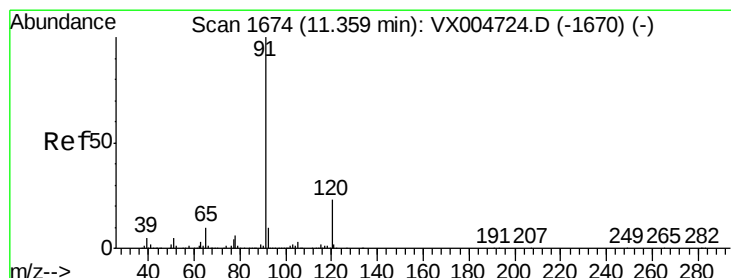
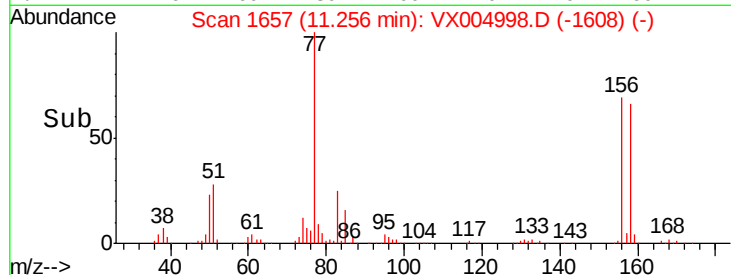
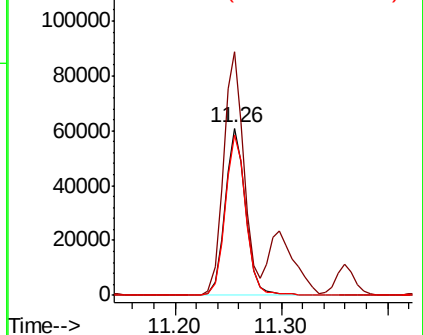
158 97.2 49.1 147.4

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.582 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004998.D

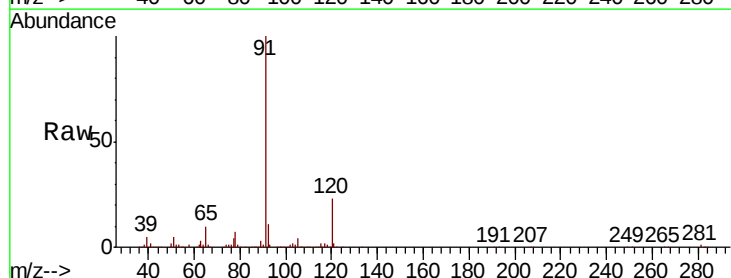
Acq: 04 Oct 2018 05:08

Tgt Ion: 91 Resp: 334135

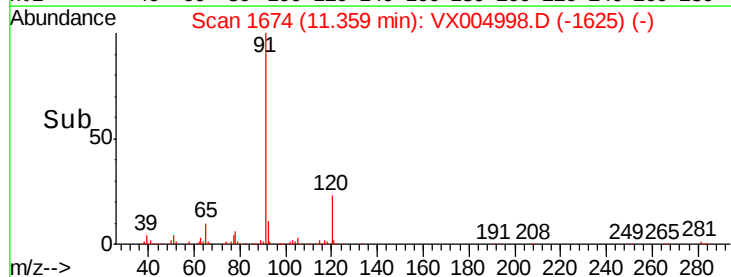
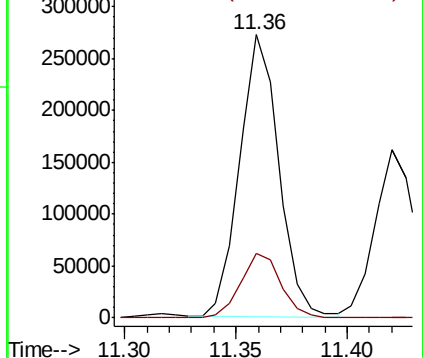
Ion Ratio Lower Upper

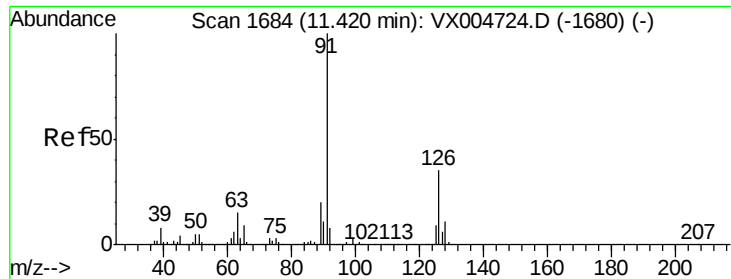
91 100

120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.132 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 91 Resp: 203928

Ion Ratio Lower Upper

91 100

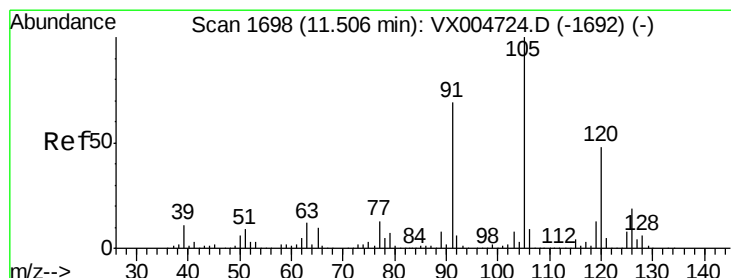
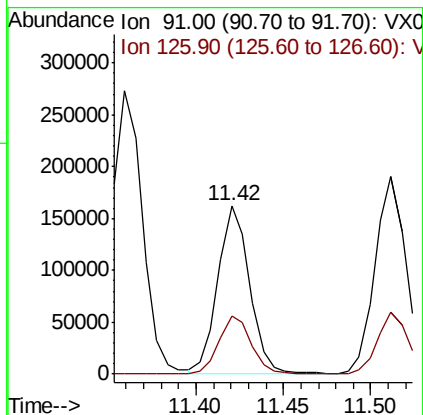
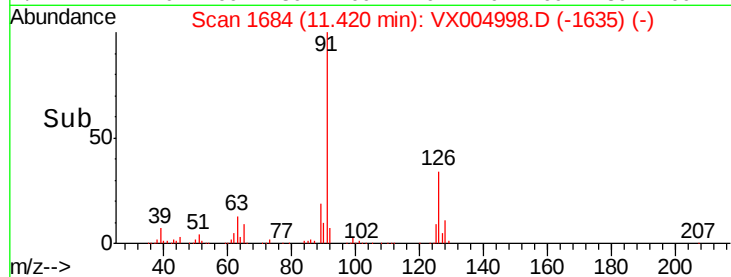
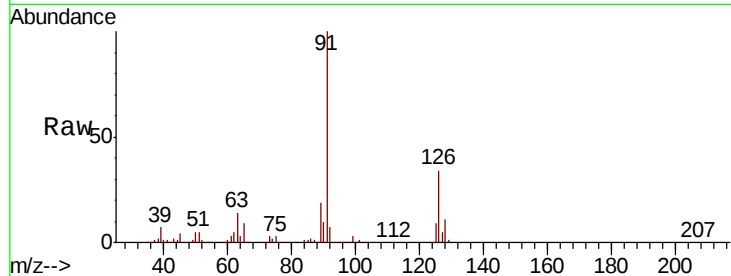
126 35.4 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.806 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004998.D

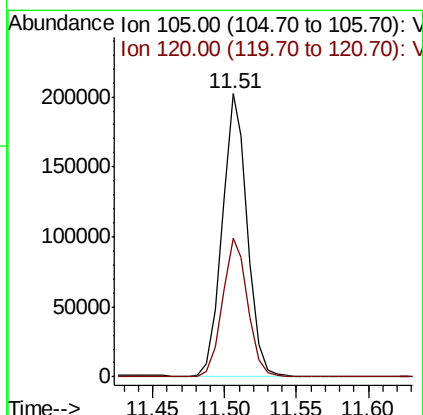
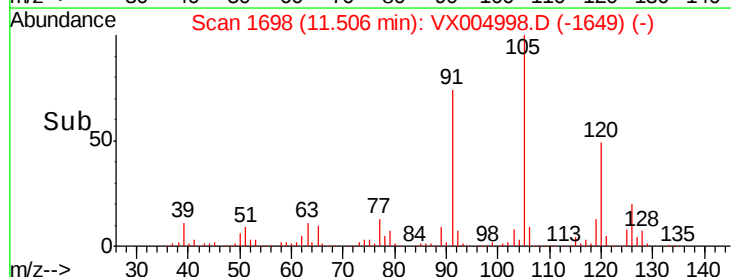
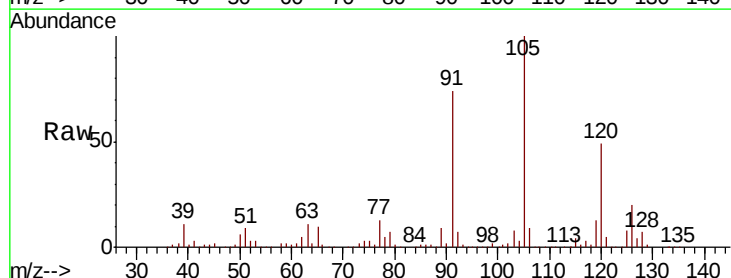
Acq: 04 Oct 2018 05:08

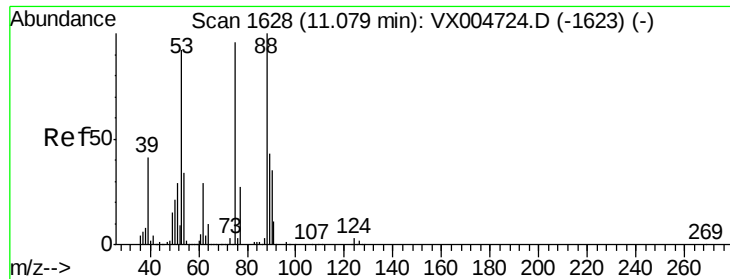
Tgt Ion: 105 Resp: 246428

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.188 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 75 Resp: 24185

Ion Ratio Lower Upper

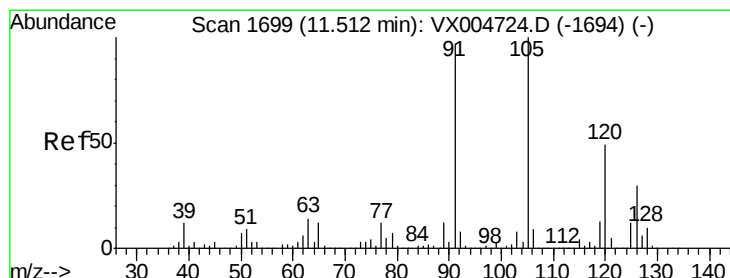
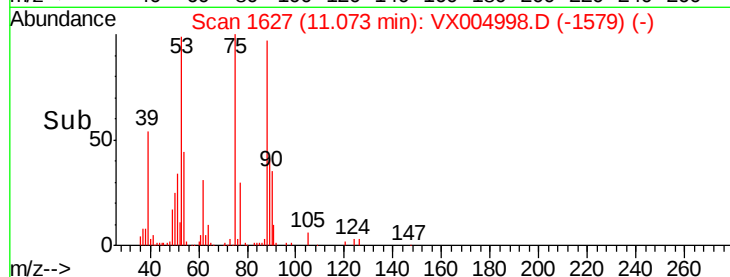
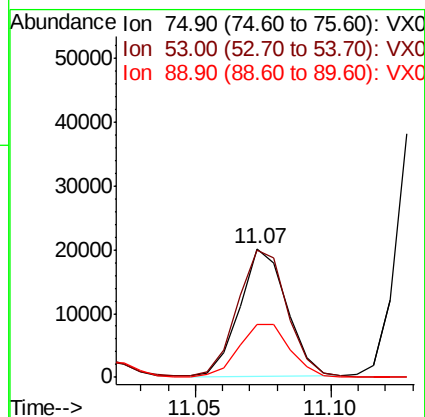
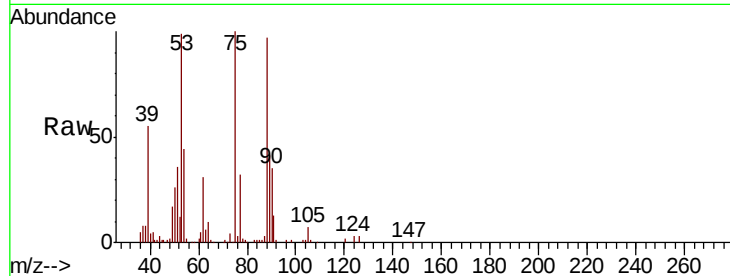
75 100

53 104.8 80.2 120.4

89 45.5 37.1 55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.039 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004998.D

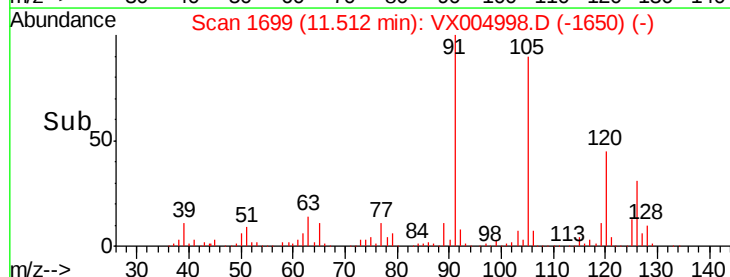
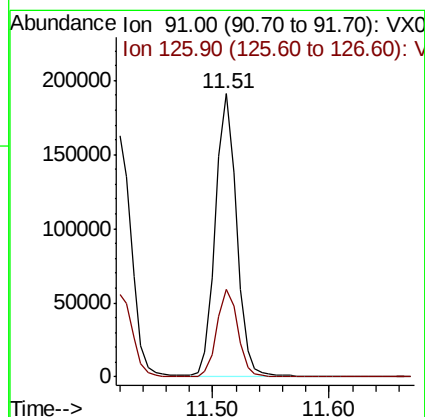
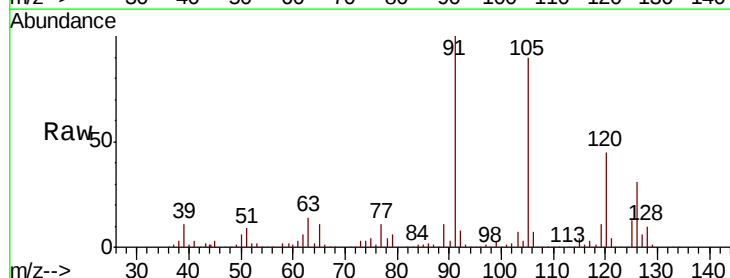
Acq: 04 Oct 2018 05:08

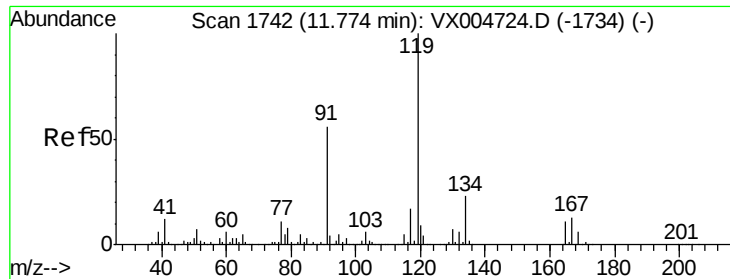
Tgt Ion: 91 Resp: 238978

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5





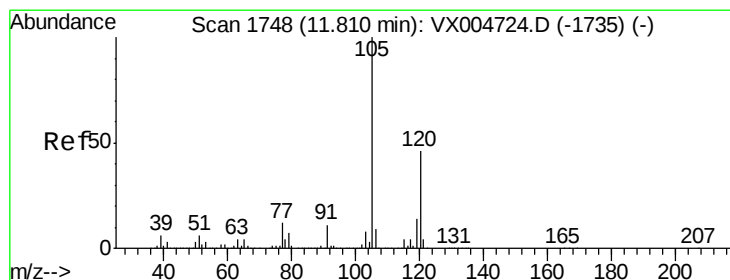
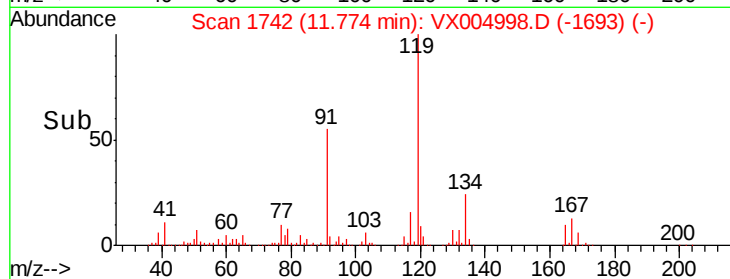
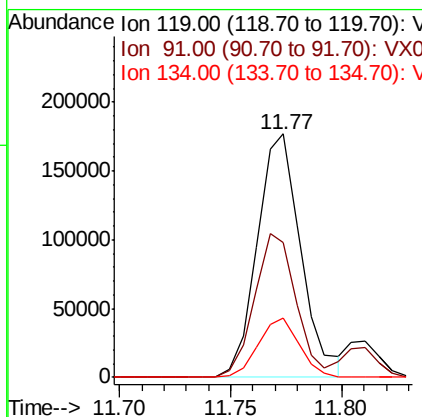
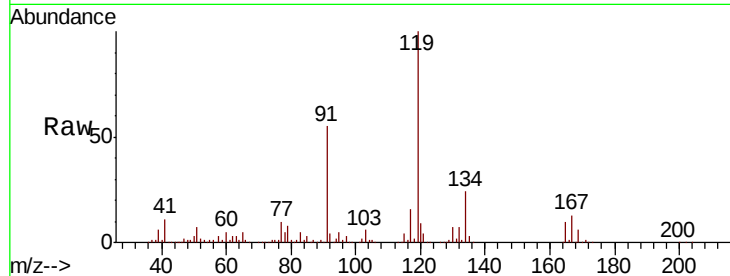
#83
tert-Butylbenzene
Concen: 21.706 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	241150		
91	56.1		27.5	82.5
134	23.2		11.5	34.4

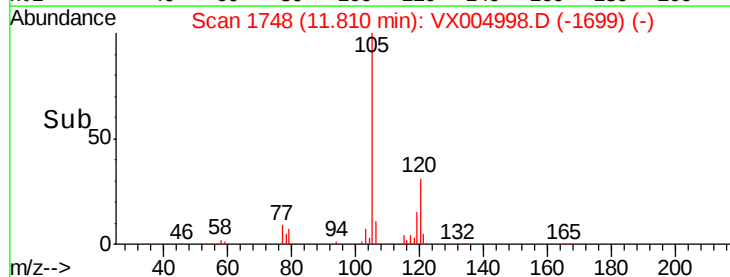
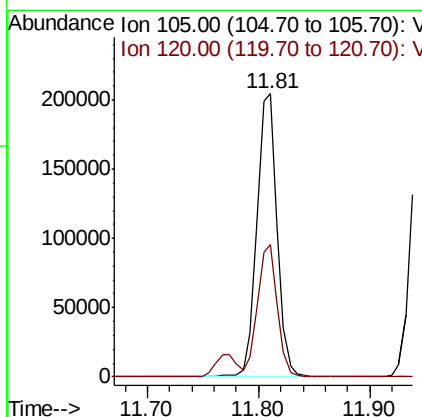
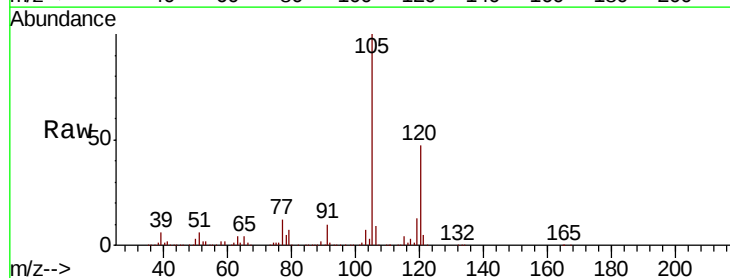
Manual Integrations
APPROVED

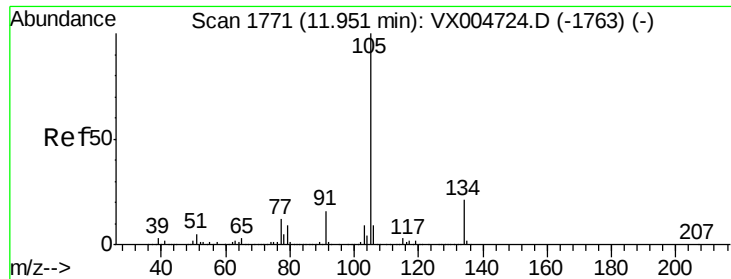
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.220 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259388		
120	45.6		22.8	68.3





#85

sec-Butylbenzene

Concen: 21.238 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleID :

VX1004WBSD02

Tot Ion:105 Resp: 287389

Ion Ratio Lower Upper

105 100

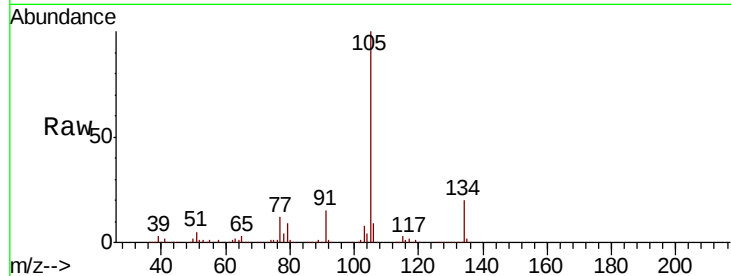
134 20.4 10.2 30.4

Manual Integrations

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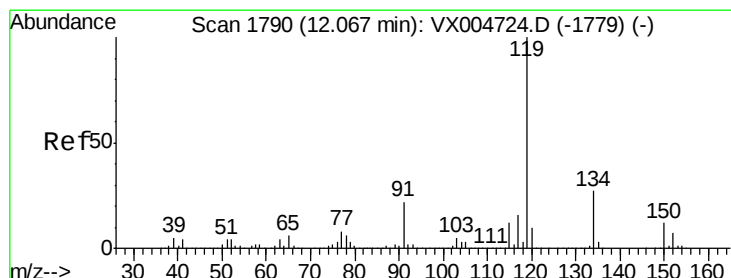
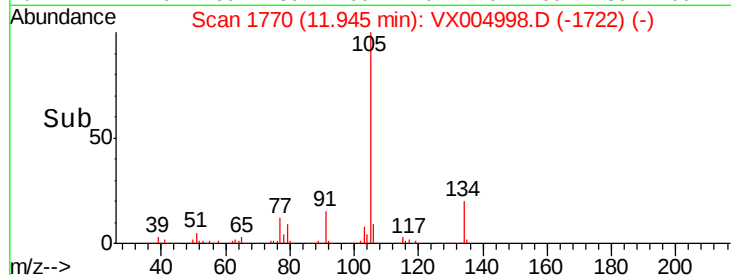
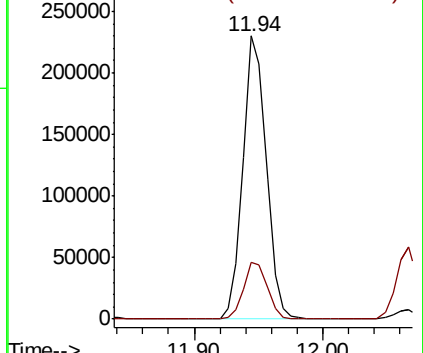
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.945 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

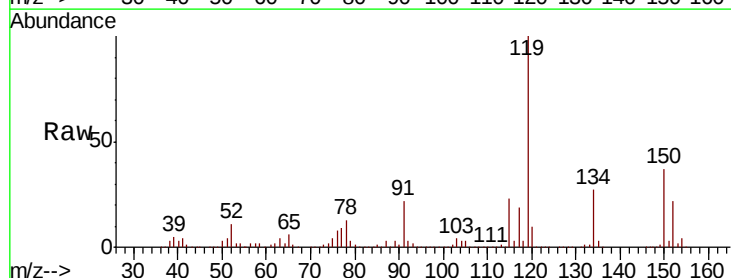
Tgt Ion:119 Resp: 256793

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

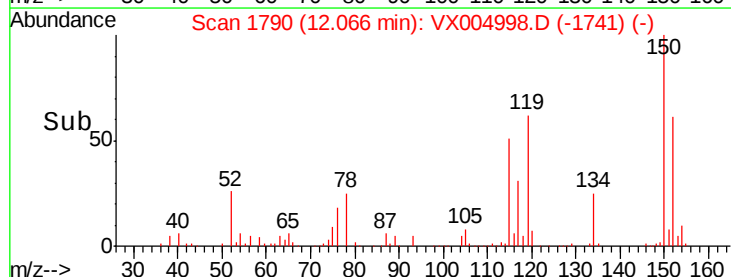
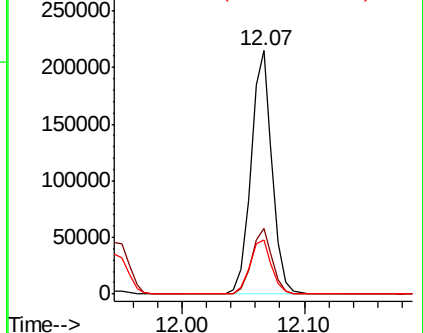
91 22.9 11.5 34.4

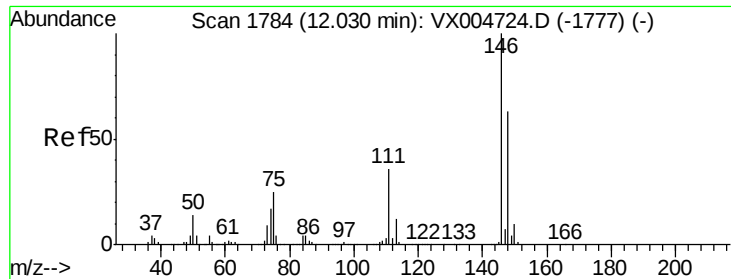


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.850 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

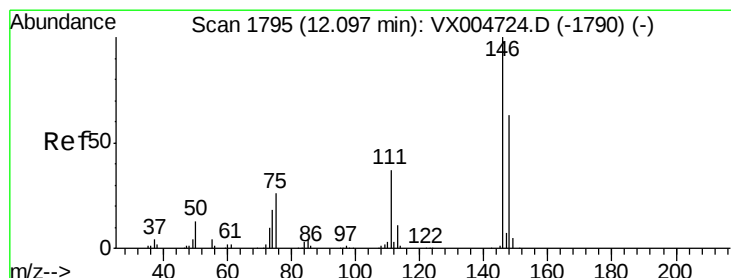
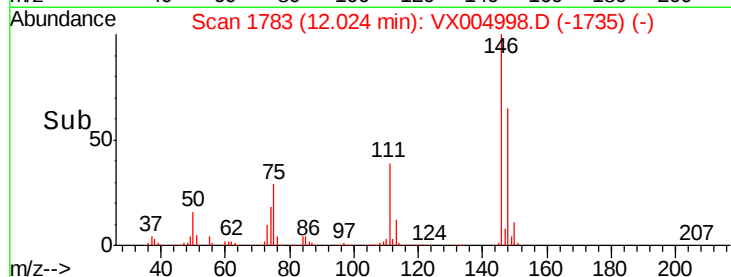
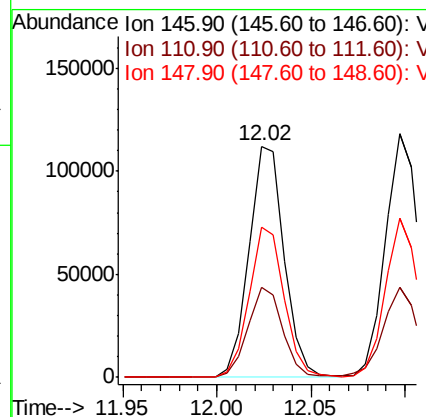
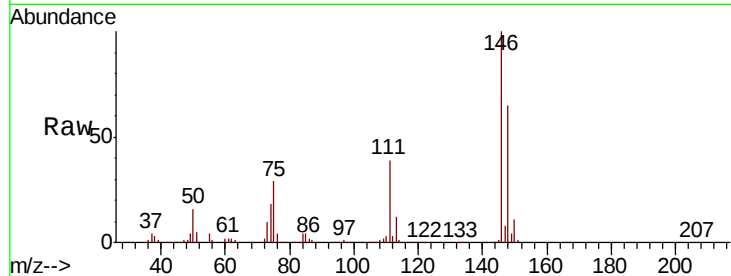
ClientSampleId :

VX1004WBSD02

Tot Ion:	146	Resp:	145275
Ion Ratio	Lower	Upper	
146	100		
111	38.6	18.9	56.9
148	64.5	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.686 ug/l

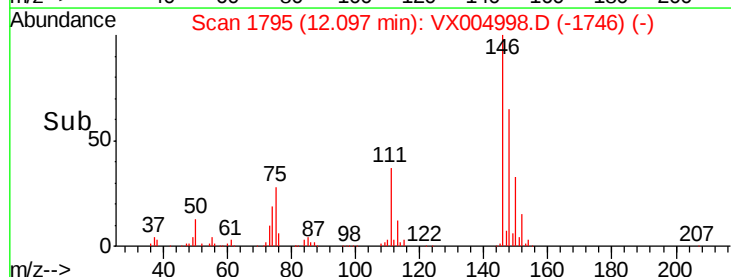
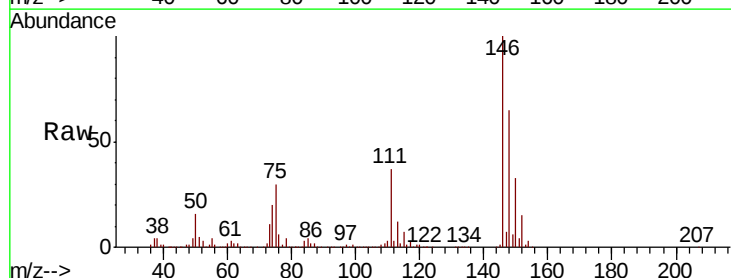
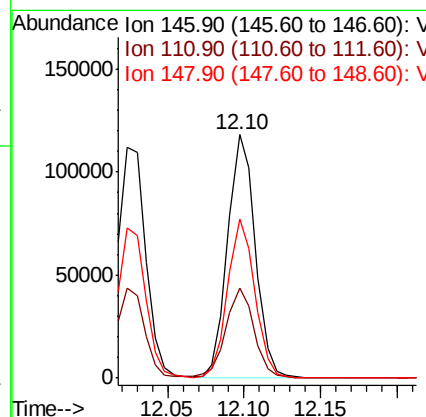
RT: 12.10 min Scan# 1795

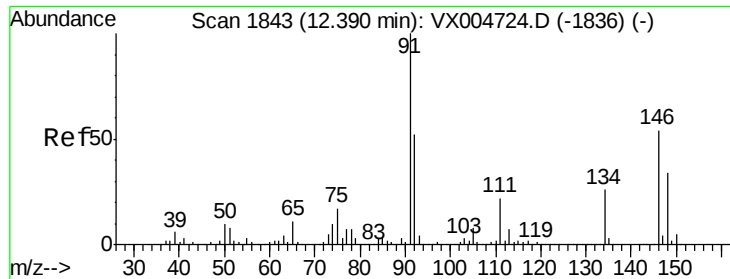
Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:	146	Resp:	148728
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.4	55.2
148	64.3	32.0	96.0





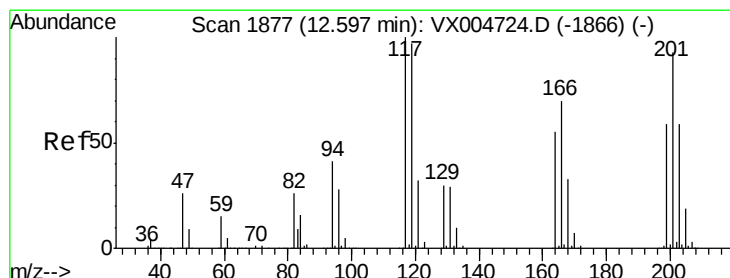
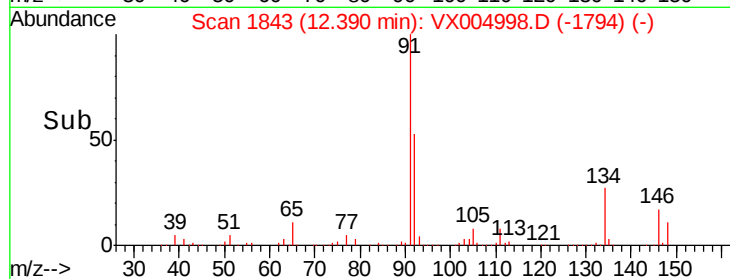
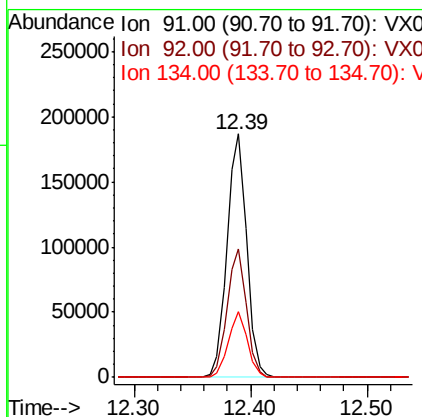
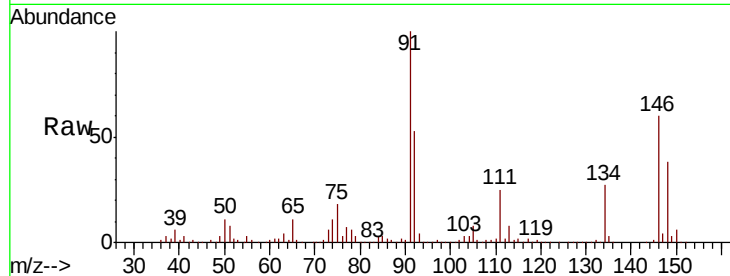
#89
n-Butylbenzene
Concen: 19.607 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	26.2	13.2	39.6

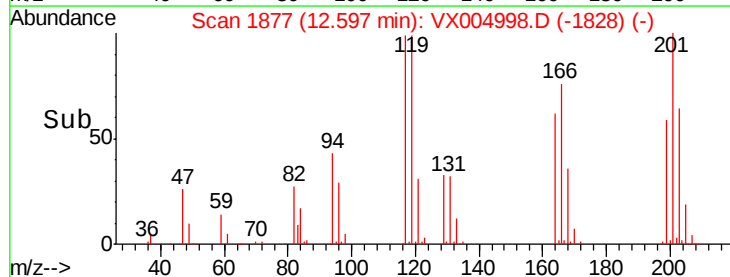
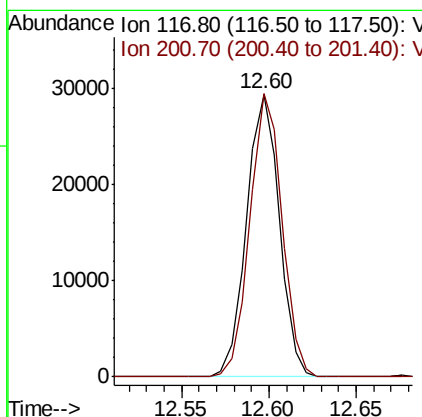
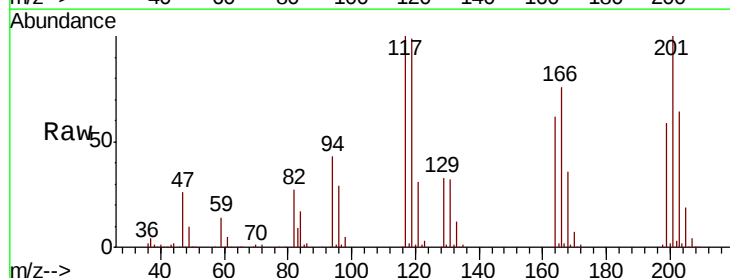
Manual Integrations
APPROVED

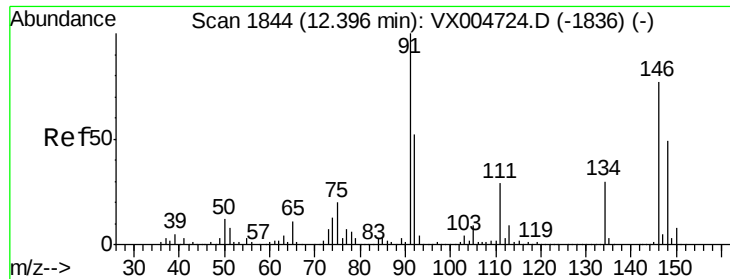
MMDadoda
10/5/2018 3:24:48 PM



#90
Hexachloroethane
Concen: 18.787 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.4	48.4	145.0





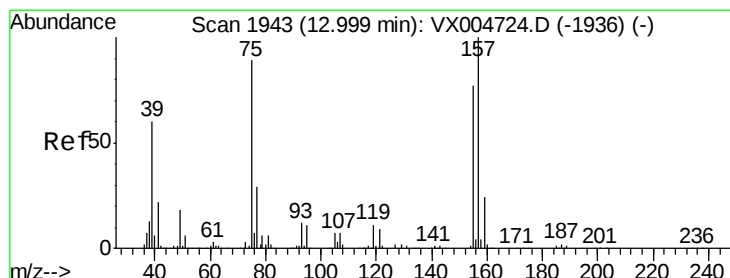
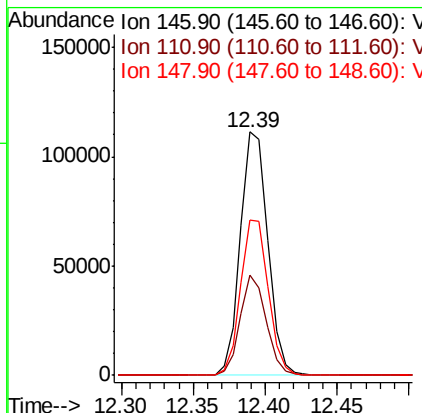
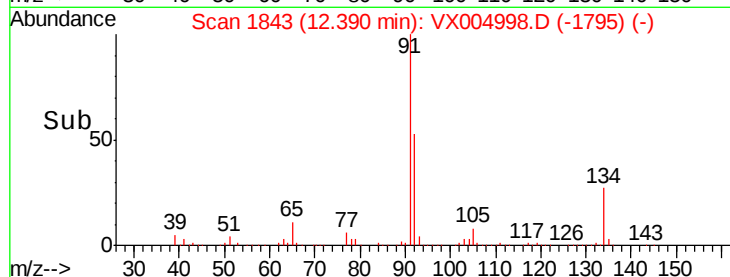
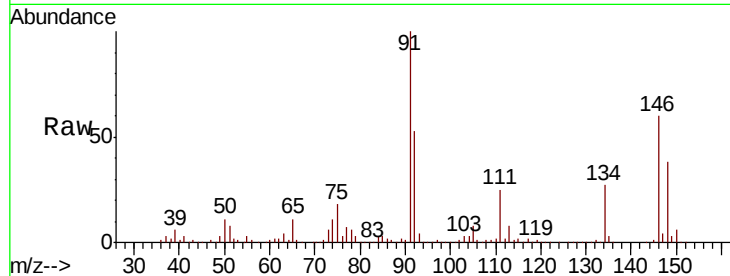
#91
 1,2-Dichlorobenzene
 Concen: 19.333 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.4	31.8	95.4

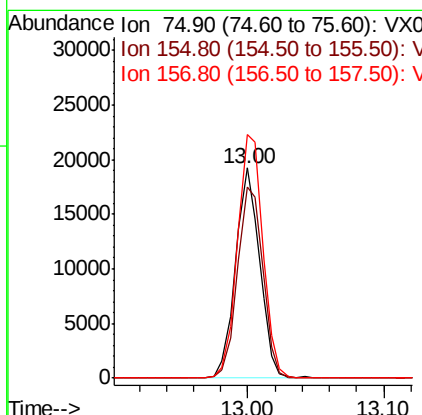
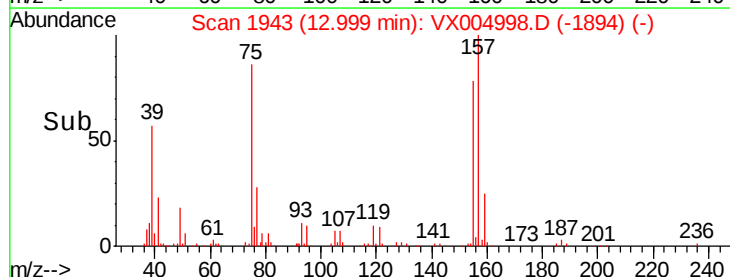
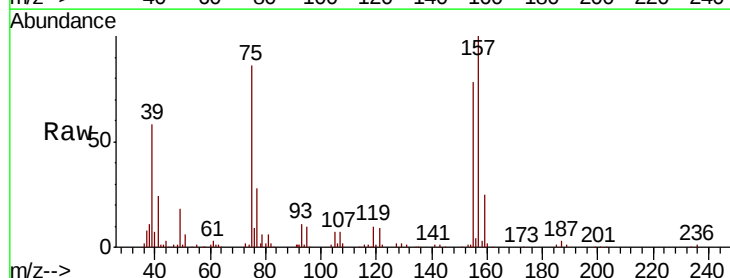
Manual Integrations
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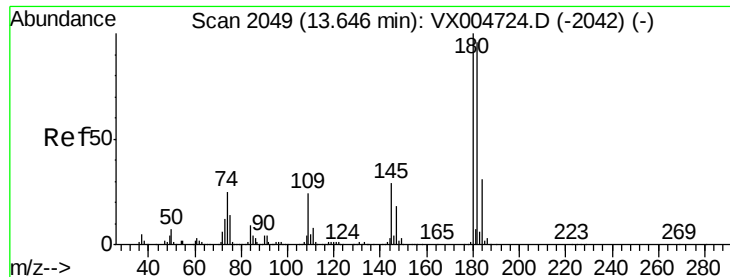
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.768 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.1	138.3
157	121.5	60.2	180.6





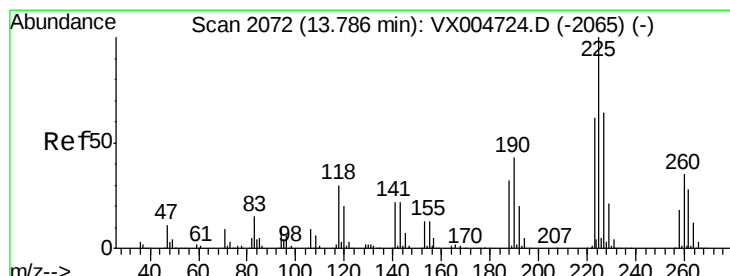
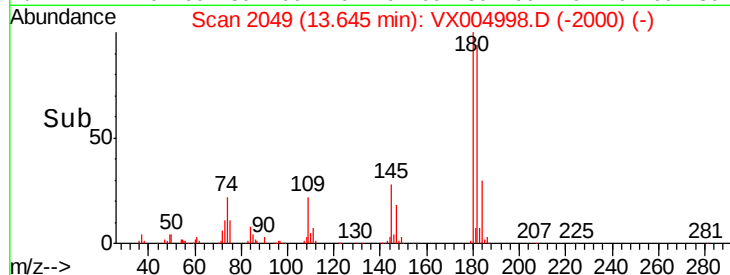
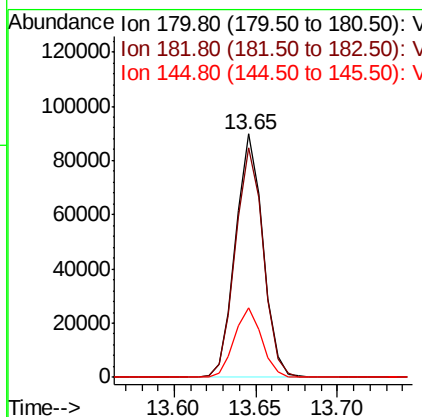
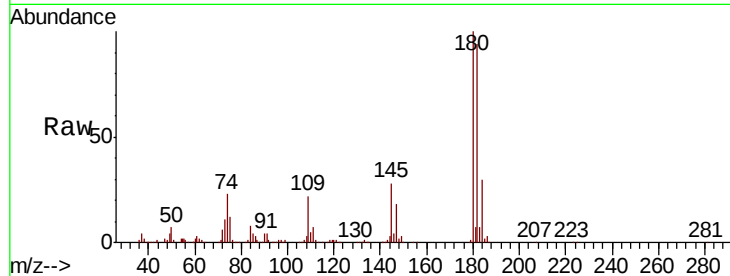
#93
 1,2,4-Trichlorobenzene
 Concen: 19.530 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.8	143.4	
145	28.3	14.1	42.4	

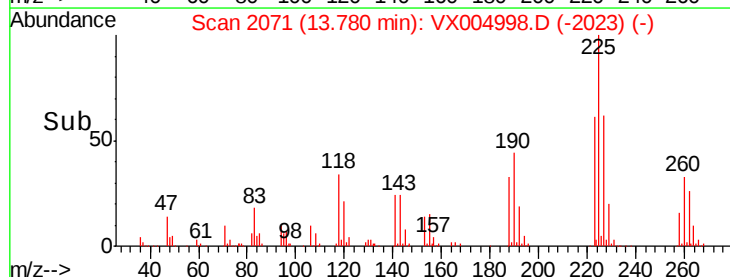
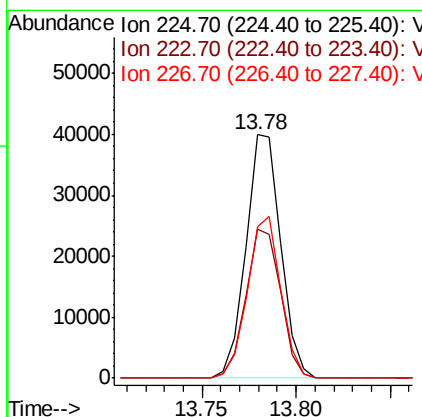
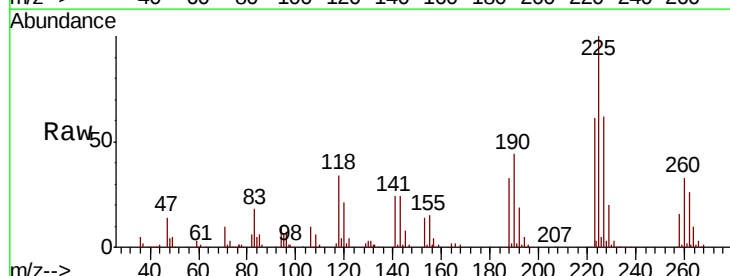
Manual Integrations
 APPROVED

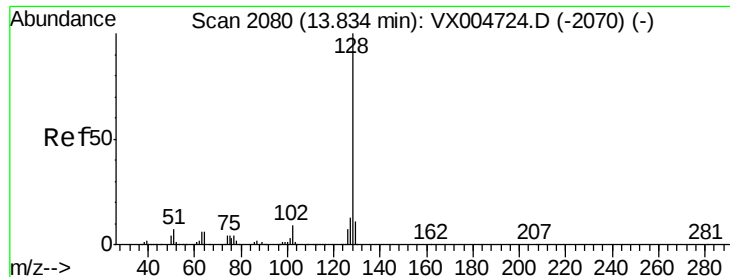
MMDadoda
 10/5/2018 3:24:48 PM



#94
 Hexachlorobutadiene
 Concen: 18.309 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	31.3	93.8	
227	63.8	31.9	95.5	





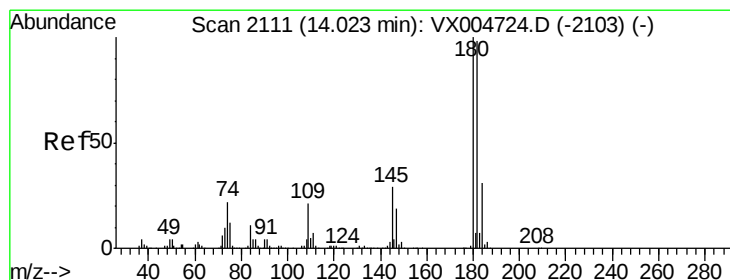
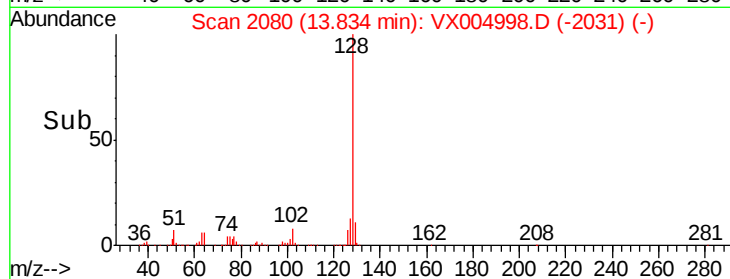
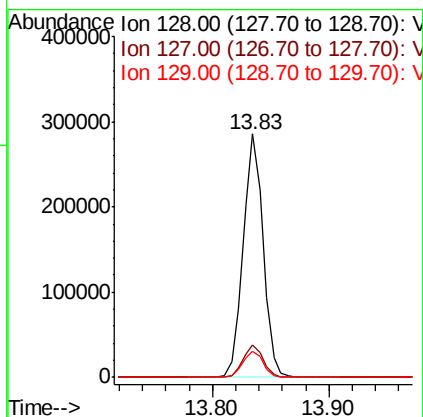
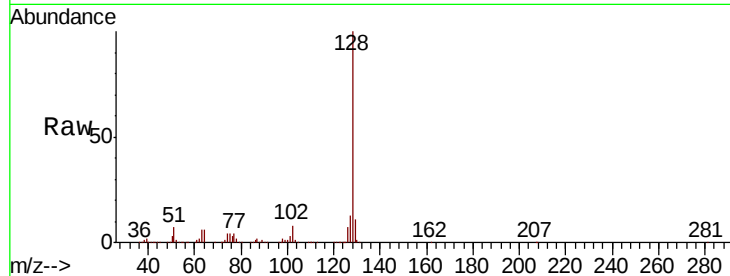
#95
Naphthalene
Concen: 19.702 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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10/5/2018 3:24:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.844 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.9	143.8
145	29.9	15.0	45.0

