

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX080718\
 Data File : VX003898.D
 Acq On : 08 Aug 2018 00:05
 Operator : JC/MD
 Sample : VX0807WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD02

Manual Integrations
 APPROVED

apatel
 8/13/2018 5:33:55 PM

Quant Time: Aug 13 16:59:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	69063	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	371844	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	345210	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	142570	28.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.73%
60) 4-Bromofluorobenzene	11.14	95	161867	29.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.07%
63) Toluene-d8	8.72	98	461658	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	96290	26.40	ug/l	100
3) Chloromethane	1.32	50	98294	20.02	ug/l	98
4) Vinyl Chloride	1.40	62	100052	19.38	ug/l	100
5) Bromomethane	1.64	94	59758	19.36	ug/l	99
6) Chloroethane	1.72	64	76047	22.50	ug/l	99
7) Trichlorofluoromethane	1.93	101	130305	18.76	ug/l	99
8) Diethyl Ether	2.19	74	55482	18.64	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79402	18.86	ug/l	92
10) 1,1-Dichloroethene	2.37	96	73879	18.66	ug/l	95
11) Methyl Iodide	2.51	142	93580	17.05	ug/l	96
12) Methyl Acetate	2.78	43	155622	21.24	ug/l	93
13) Acrolein	2.29	56	72953	127.67	ug/l	98
14) Acrylonitrile	3.15	53	259984	90.06	ug/l	99
15) Acetone	2.45	58	73771	94.17	ug/l	73
16) Carbon Disulfide	2.57	76	198411	18.04	ug/l	99
17) Allyl chloride	2.73	41	139884	17.07	ug/l	93
18) Methylene Chloride	2.86	84	88240	18.81	ug/l	96
19) trans-1,2-Dichloroethene	3.16	96	79026	18.46	ug/l	97
20) Diisopropyl ether	3.87	45	255169	16.96	ug/l	97
21) 1,1-Dichloroethane	3.70	63	158140	18.56	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	89311	20.66	ug/l #	69
23) tert-Butyl Alcohol	3.07	59	114878	94.74	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	258855m	18.23	ug/l	
25) Chloroform	5.22	83	146371	19.84	ug/l	98
26) Cyclohexane	5.57	56	124956	19.52	ug/l #	90
29) 1,1-Dichloropropene	5.80	75	109648	19.97	ug/l	99
30) 2-Butanone	4.71	43	330518	94.26	ug/l	93
31) 2,2-Dichloropropane	4.59	77	79116	14.87	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	124309	19.79	ug/l	98
33) Carbon Tetrachloride	5.78	117	105377	19.30	ug/l	98
34) Benzene	6.14	78	340832	20.20	ug/l	97
35) Methacrylonitrile	5.07	41	68570	18.82	ug/l	89
36) 1,2-Dichloroethane	6.20	62	116817	19.26	ug/l #	94
37) Trichloroethene	7.21	130	89242	20.30	ug/l	92
38) Methylcyclohexane	7.46	83	121593	19.49	ug/l	95
39) 1,2-Dichloropropane	7.52	63	84721	19.00	ug/l	98
40) Dibromomethane	7.67	93	56040	19.42	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	104681	18.99	ug/l	98
42) Vinyl Acetate	3.82	43	1009634	74.93	ug/l	96
43) Ethyl Acetate	4.87	43	118828	18.14	ug/l	97
44) Isopropyl Acetate	6.47	43	181186	18.03	ug/l	93
45) 1,4-Dioxane	7.76	88	45311	406.11	ug/l #	84
46) Methyl methacrylate	7.78	41	95183	18.36	ug/l	90
47) n-amyl Acetate	10.90	43	152332	16.06	ug/l #	88
48) t-1,3-Dichloropropene	8.44	75	120858	18.07	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	107910	17.20	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	86754	18.94	ug/l	97
51) Ethyl methacrylate	9.18	69	119781	17.37	ug/l	84
52) 1,3-Dichloropropane	9.37	76	146444	19.21	ug/l	99
53) Dibromochloromethane	9.59	129	81383	18.09	ug/l	99
54) 1,2-Dibromoethane	9.68	107	88254	18.43	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	320468	90.10	ug/l	98
56) Bromoform	10.86	173	61888	17.73	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	636975	97.72	ug/l #	91
59) 2-Hexanone	9.50	43	486109	93.66	ug/l	91
61) Tetrachloroethene	9.34	164	87147	21.69	ug/l	99
62) Toluene	8.79	91	366282	20.44	ug/l	100
64) Chlorobenzene	10.14	112	237344	20.50	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	81916	19.99	ug/l	98
66) Ethyl Benzene	10.26	91	393640	19.96	ug/l	99
67) m/p-Xylenes	10.36	106	309099	40.70	ug/l	96
68) o-Xylene	10.70	106	147501	20.30	ug/l	95
69) Styrene	10.71	104	245649	19.97	ug/l	95
70) Isopropylbenzene	11.02	105	396820	19.84	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	136524	19.12	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	118057m	19.87	ug/l	
73) Bromobenzene	11.26	156	104795	19.44	ug/l	99
74) n-propylbenzene	11.36	91	454738	19.30	ug/l	99
75) 2-Chlorotoluene	11.42	91	276515	19.91	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	329985	19.44	ug/l	97
77) t-1,4-Dichloro-2-butene	11.08	75	31908	15.76	ug/l	94
78) 4-Chlorotoluene	11.51	91	310016	19.08	ug/l	99
79) tert-butylbenzene	12.07	119	323291	18.51	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	339695	19.56	ug/l	97
81) sec-Butylbenzene	11.95	105	371474	18.79	ug/l	100
82) p-Isopropyltoluene	12.07	119	323291	18.51	ug/l	97
83) 1,3-Dichlorobenzene	12.03	146	182100	18.50	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	184380	18.60	ug/l	96
85) n-Butylbenzene	12.39	91	263198	16.98	ug/l	99
86) Hexachloroethane	12.60	117	45642	16.22	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	179323	18.14	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23785	15.78	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	130535	18.81	ug/l	99
90) Hexachlorobutadiene	13.79	225	61041	19.41	ug/l	99
91) Naphthalene	13.83	128	415410	19.59	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	140304	19.86	ug/l	99

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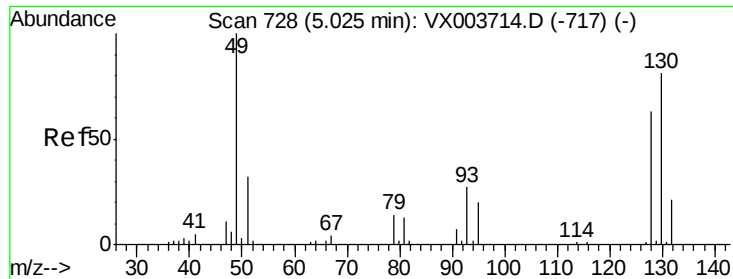
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

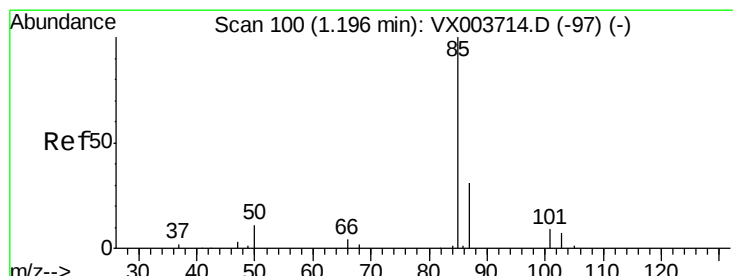
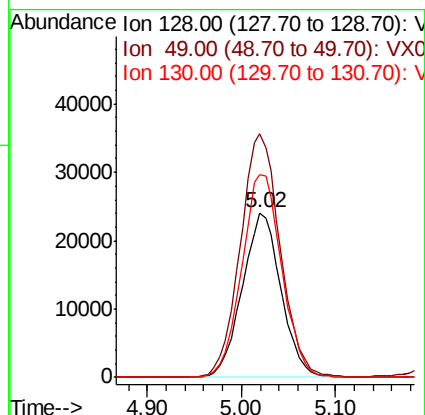
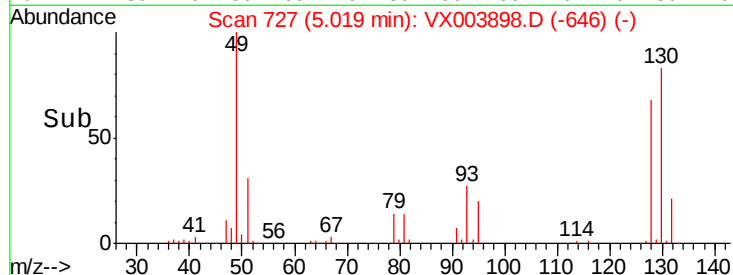
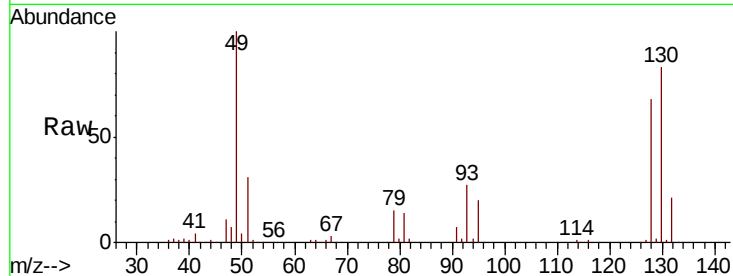
ClientSampleId :

VX0807WBSD02

Tot Ion:	128	Resp:	69063
Ion	Ratio	Lower	Upper
128	100		
49	153.2	0.0	423.0
130	127.7	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 26.40 ug/l

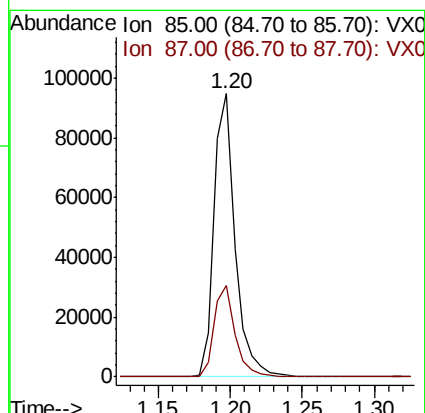
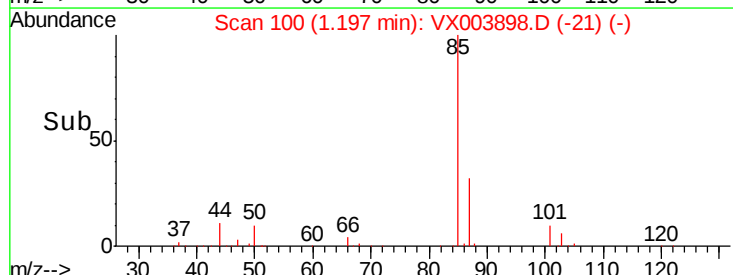
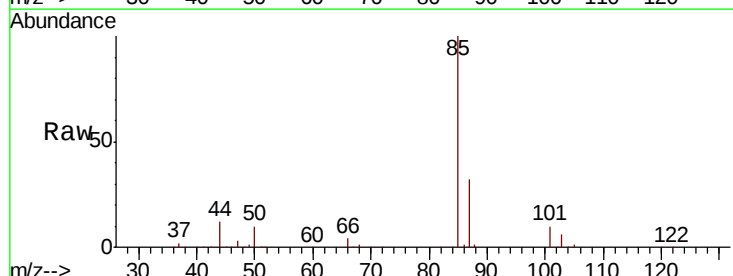
RT: 1.20 min Scan# 100

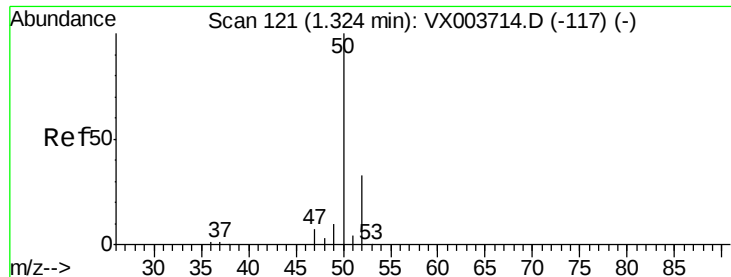
Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion:	85	Resp:	96290
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.2	48.5





#3

Chloromethane

Concen: 20.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 50 Resp: 98294

Ion Ratio Lower Upper

50 100

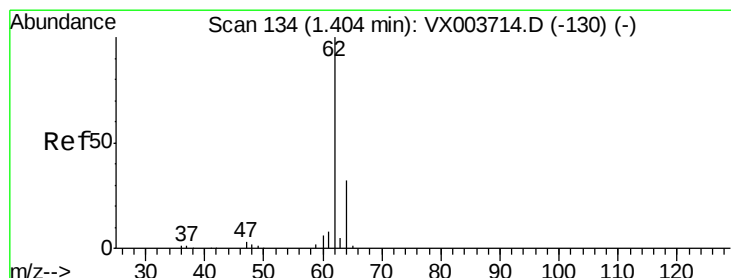
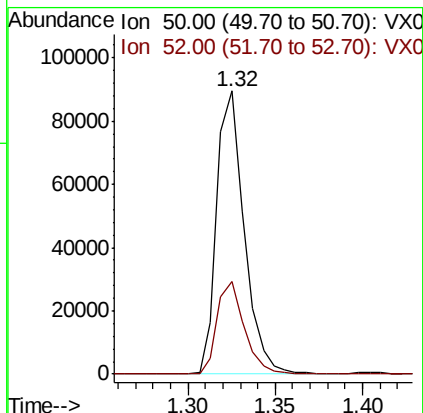
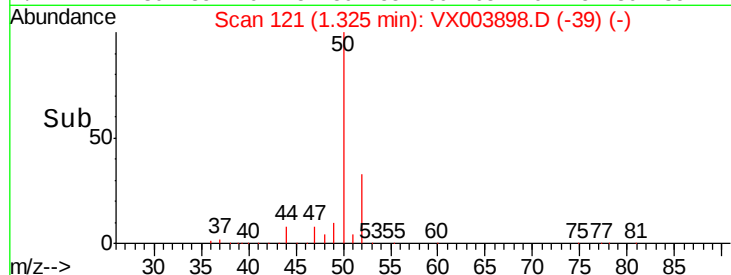
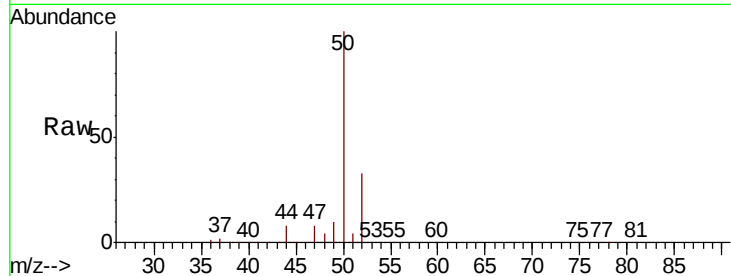
52 32.9 25.6 38.4

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#4

Vinyl Chloride

Concen: 19.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003898.D

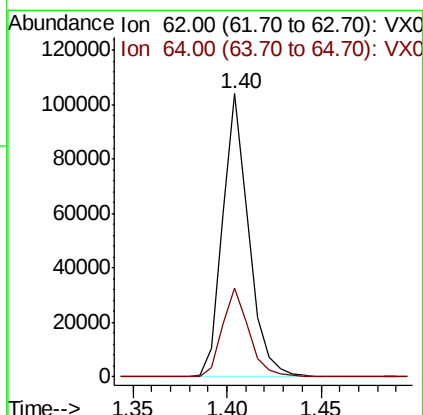
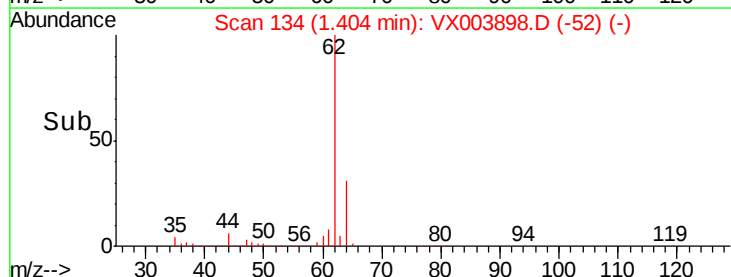
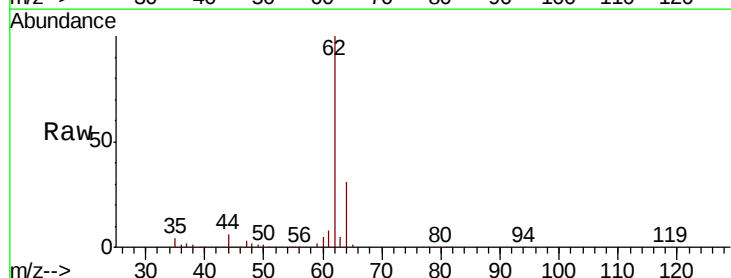
Acq: 08 Aug 2018 00:05

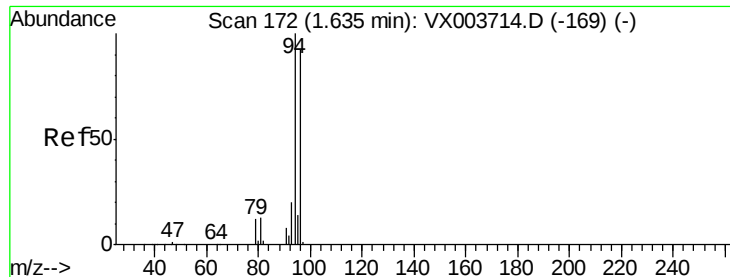
Tgt Ion: 62 Resp: 100052

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 19.36 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 94 Resp: 59758

Ion Ratio Lower Upper

94 100

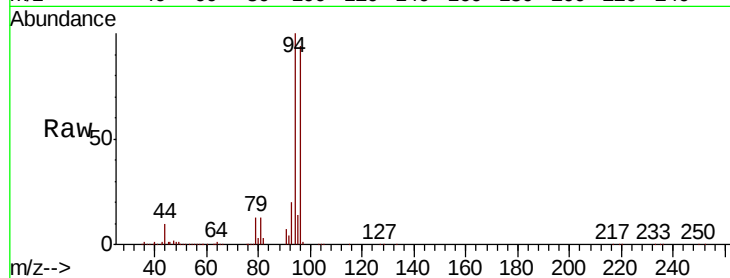
96 93.6 75.7 113.5

Manual Integrations

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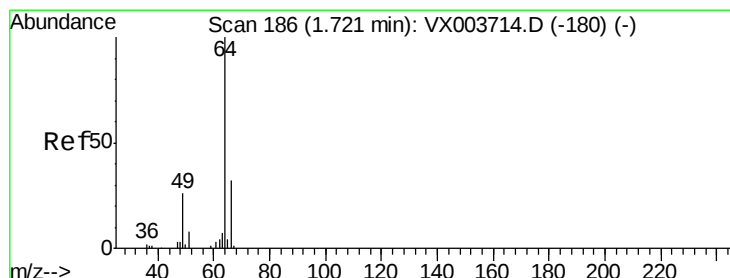
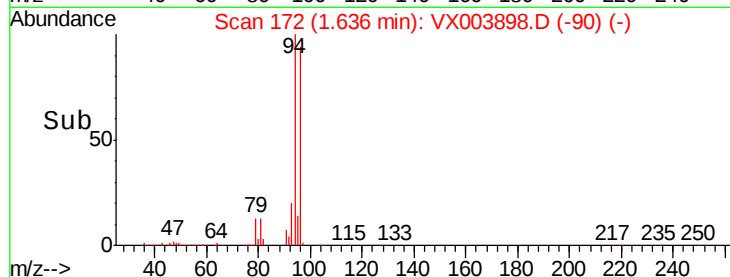
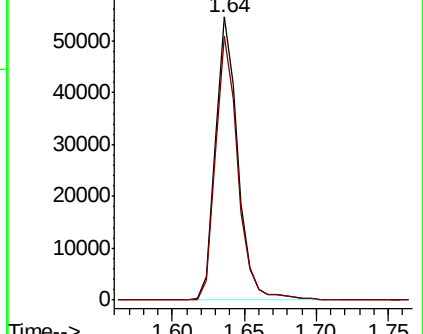
apatel

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 22.50 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003898.D

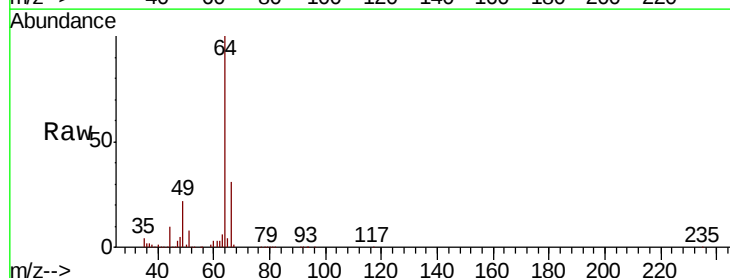
Acq: 08 Aug 2018 00:05

Tgt Ion: 64 Resp: 76047

Ion Ratio Lower Upper

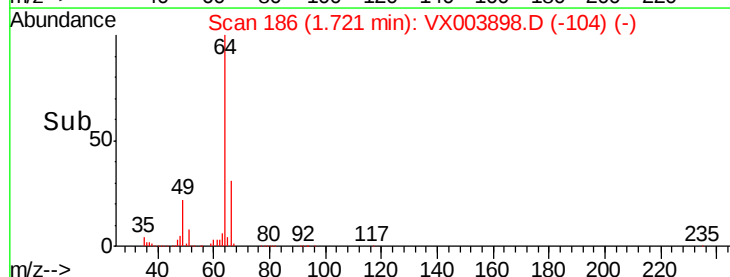
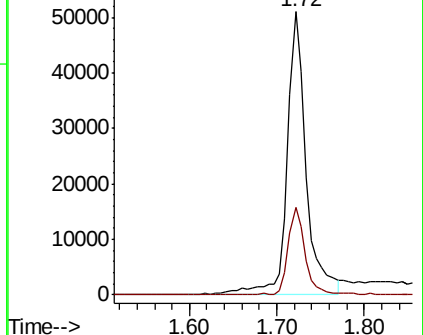
64 100

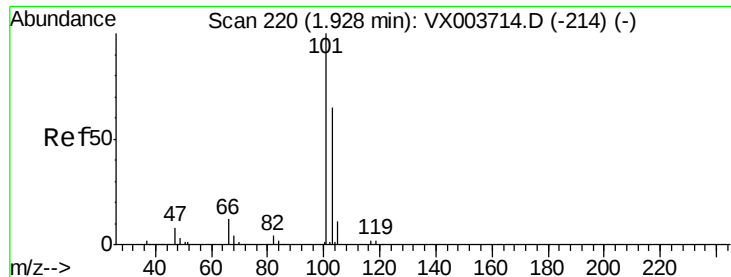
66 30.8 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

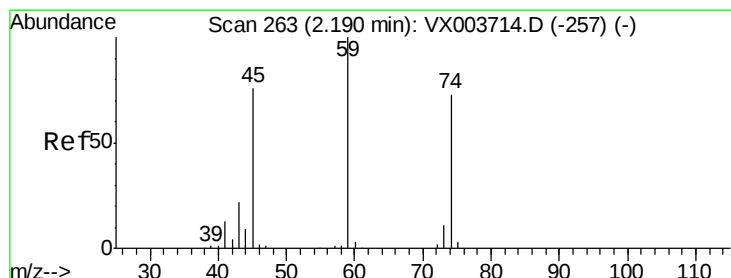
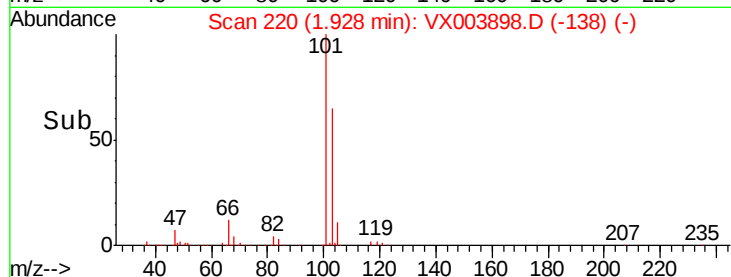
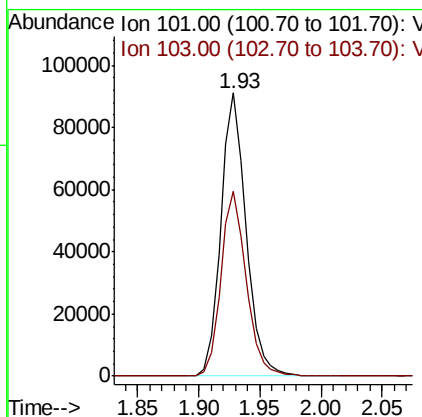
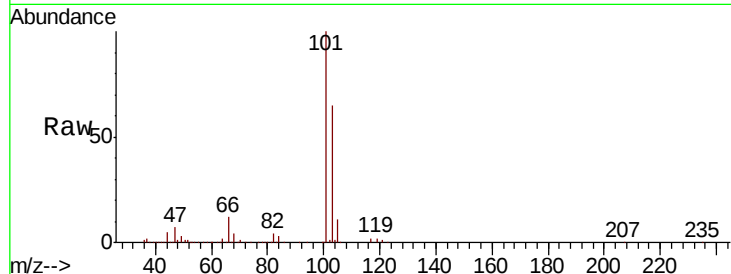
Trichlorofluoromethane
 Concen: 18.76 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

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 VX0807WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	130305		
103	65.1	51.5	77.3	

Manual Integrations
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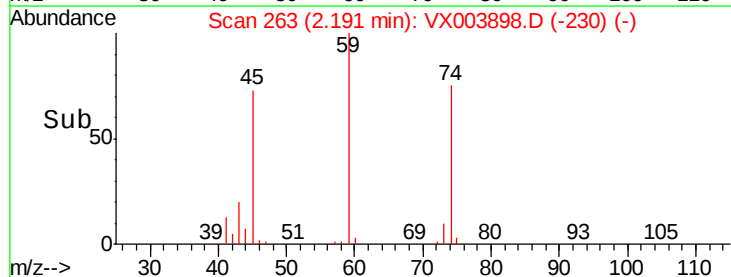
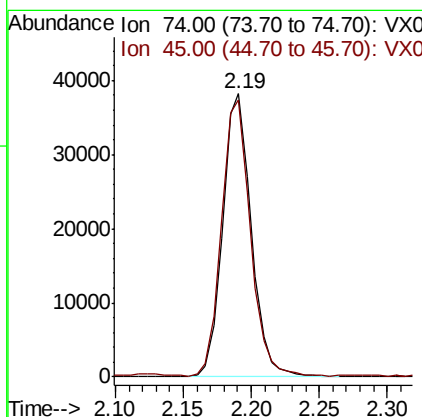
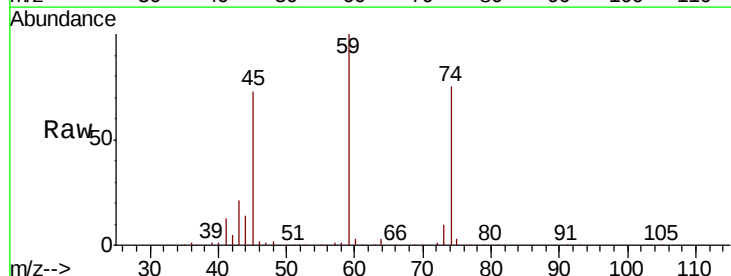
apatel
 8/13/2018 5:33:55 PM

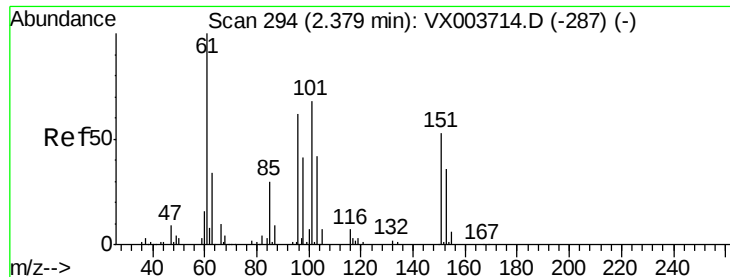


#8

Diethyl Ether
 Concen: 18.64 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	55482		
45	98.7	20.5	184.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.86 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

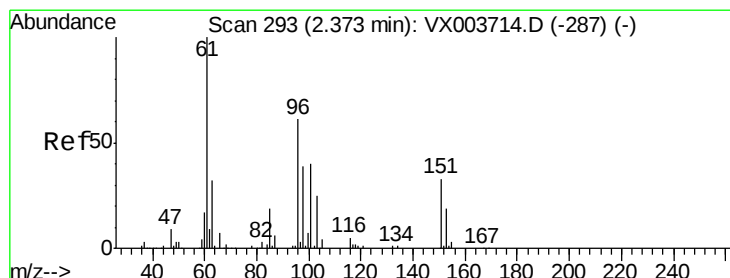
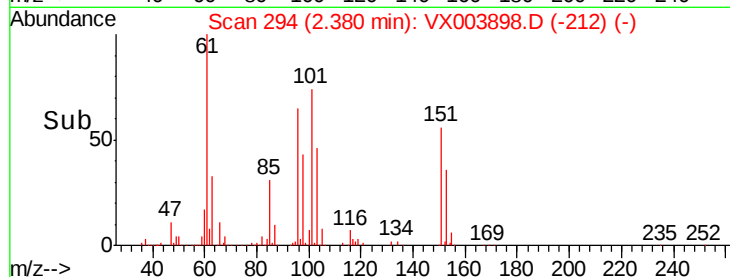
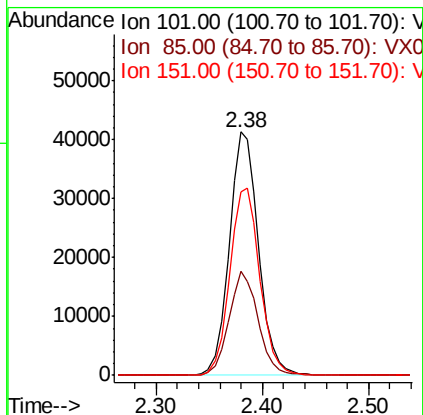
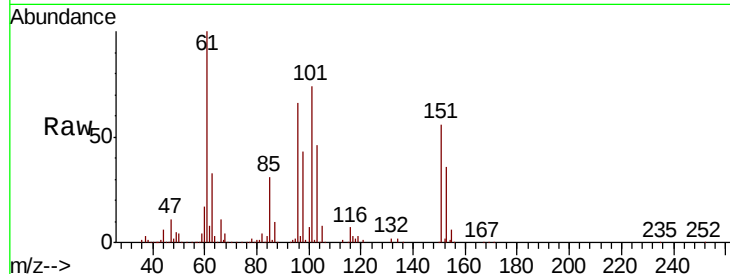
ClientSampleId :

VX0807WBSD02

Tot Ion:	101	Resp:	79402
Ion Ratio	Lower	Upper	
101	100		
85	42.2	0.0	87.0
151	79.2	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.66 ug/l

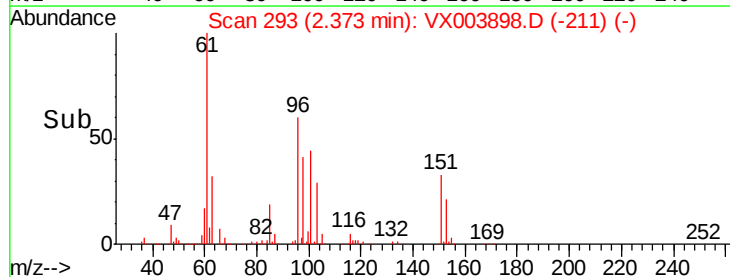
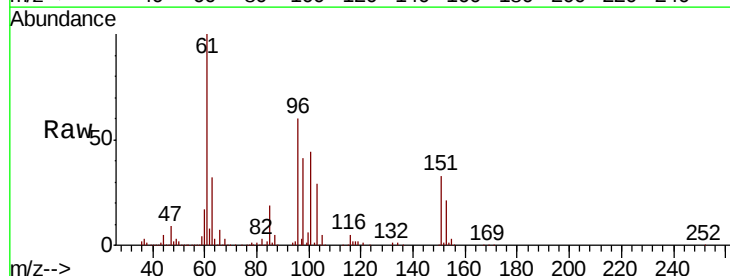
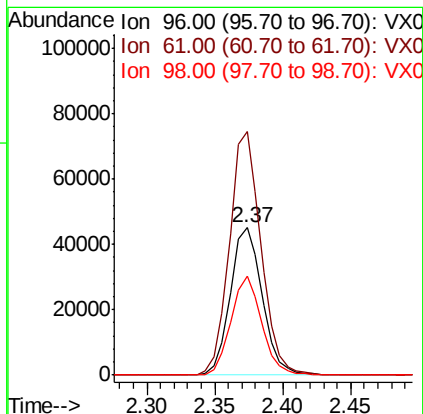
RT: 2.37 min Scan# 293

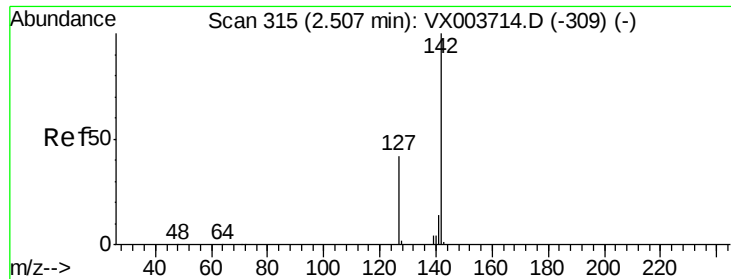
Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion:	96	Resp:	73879
Ion Ratio	Lower	Upper	
96	100		
61	165.5	137.5	206.3
98	67.5	51.4	77.2





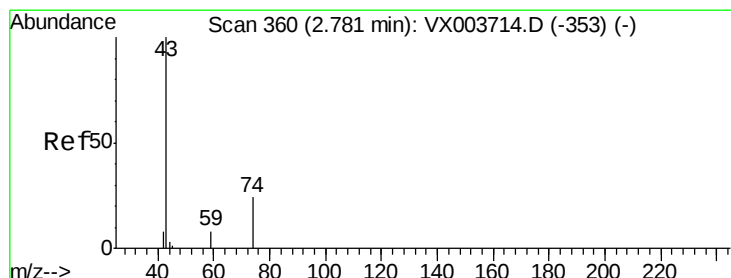
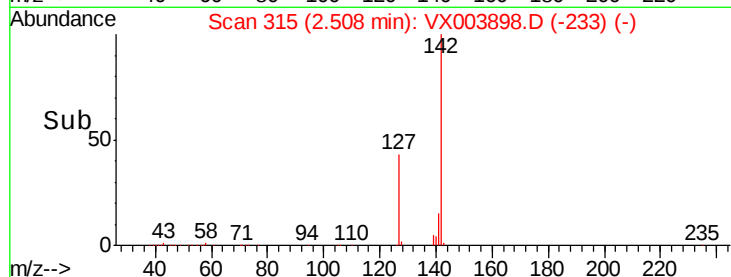
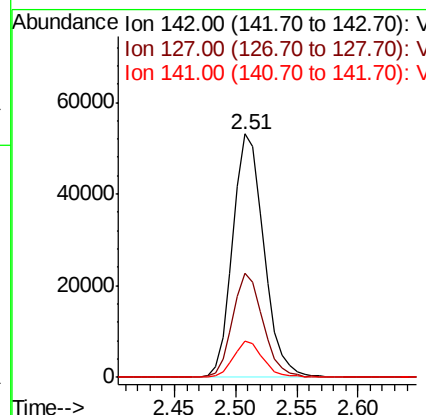
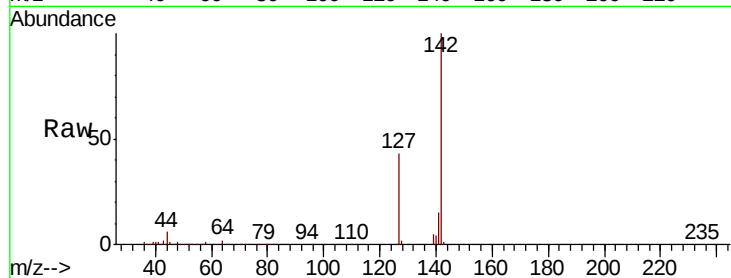
#11
Methyl Iodide
Concen: 17.05 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.6	23.2	69.6
141	14.8	7.4	22.2

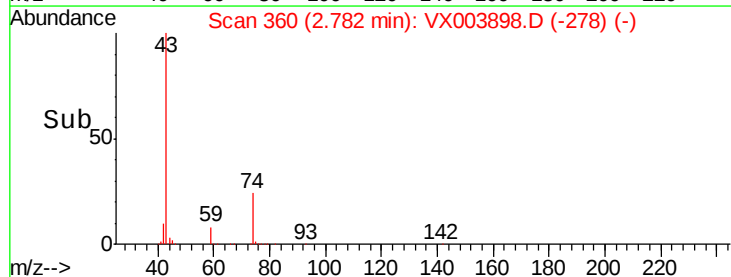
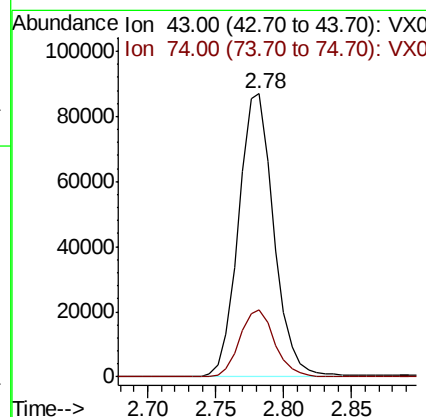
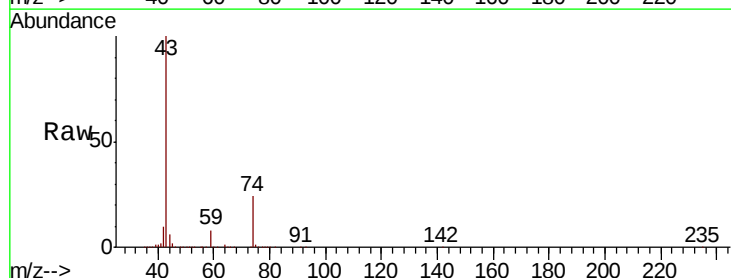
Manual Integrations
APPROVED

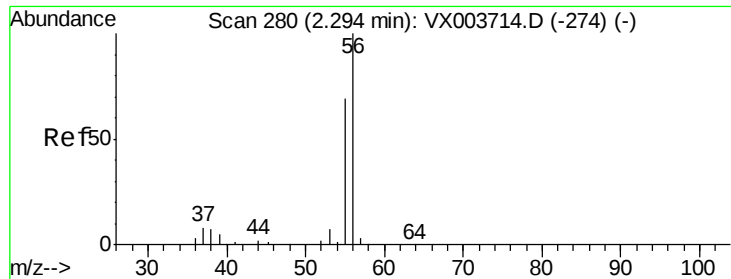
apatel
8/13/2018 5:33:55 PM



#12
Methyl Acetate
Concen: 21.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	16.4	24.6





#13

Acrolein

Concen: 127.67 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 56 Resp: 72953

Ion Ratio Lower Upper

56 100

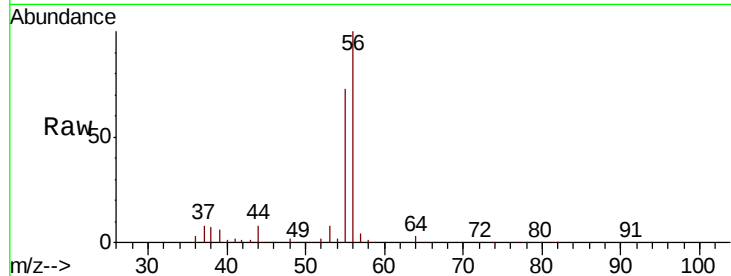
55 69.8 57.3 85.9

Manual Integrations

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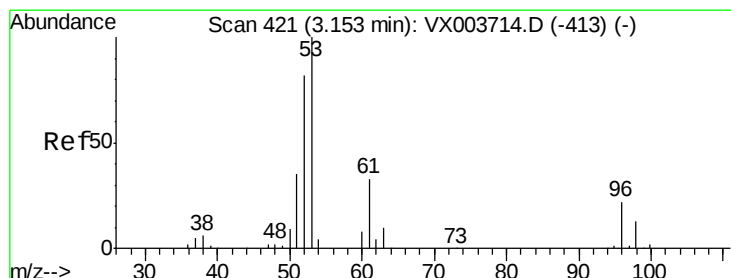
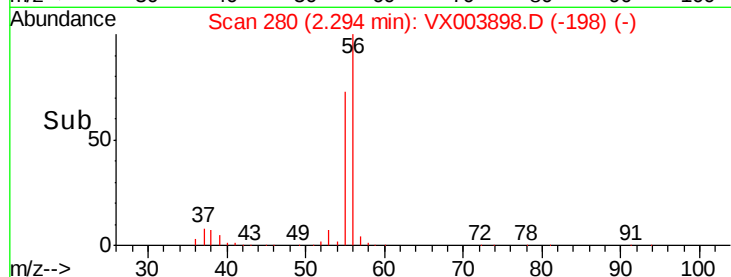
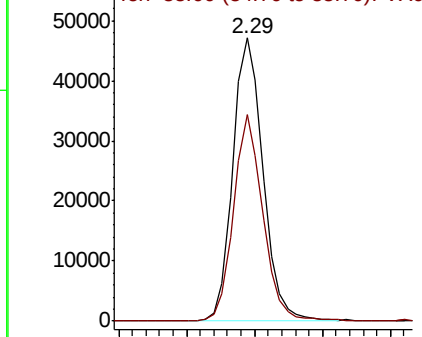
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 90.06 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

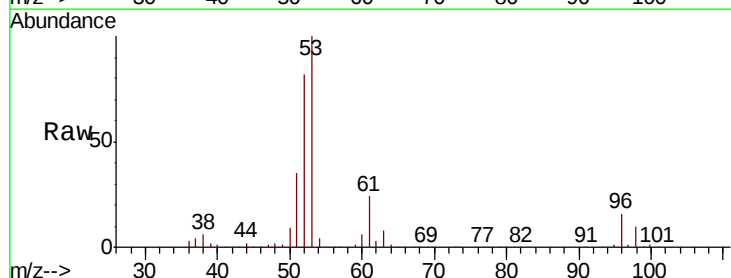
Tgt Ion: 53 Resp: 259984

Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

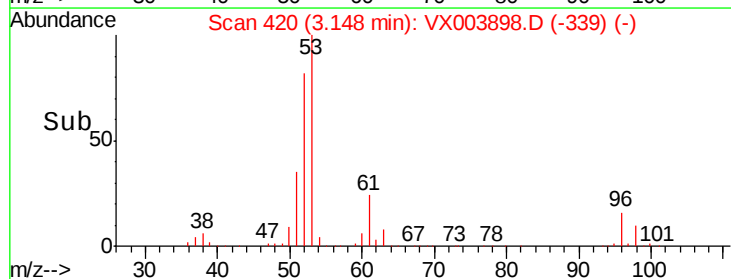
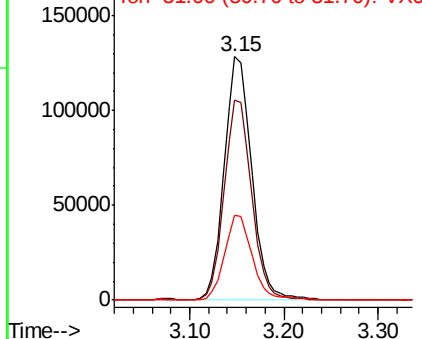
51 35.3 17.9 53.8

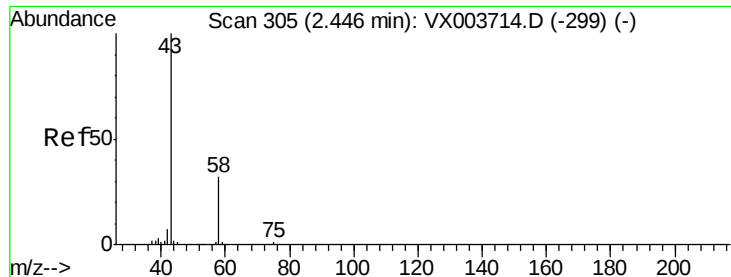


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 94.17 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 58 Resp: 73771

Ion Ratio Lower Upper

58 100

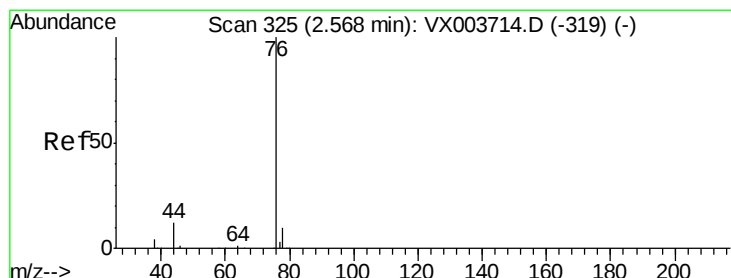
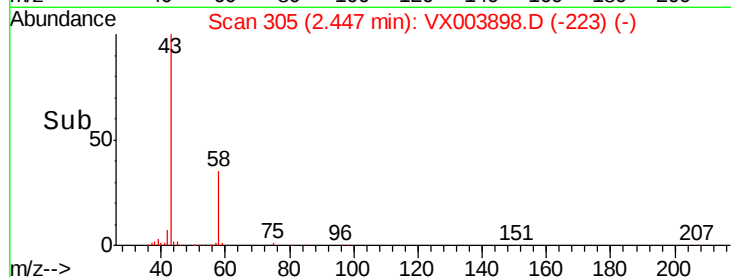
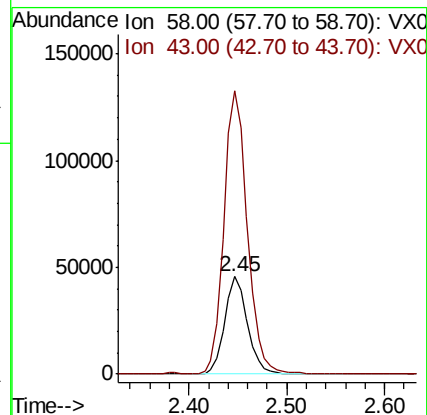
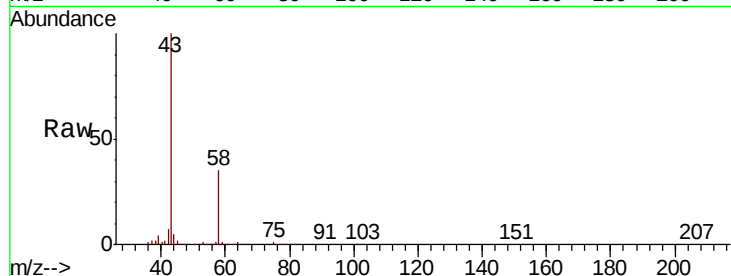
43 289.9 278.8 418.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.04 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003898.D

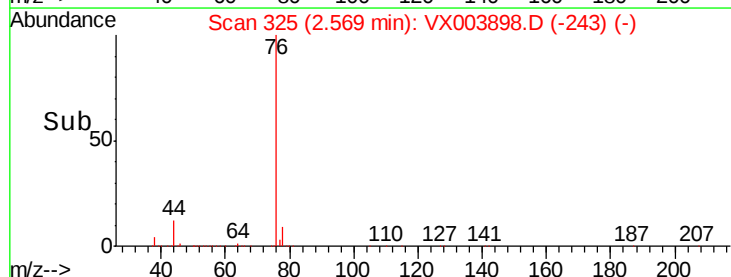
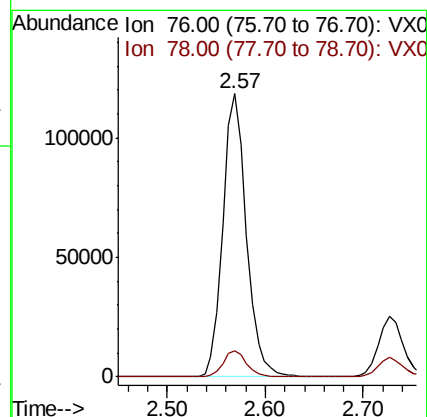
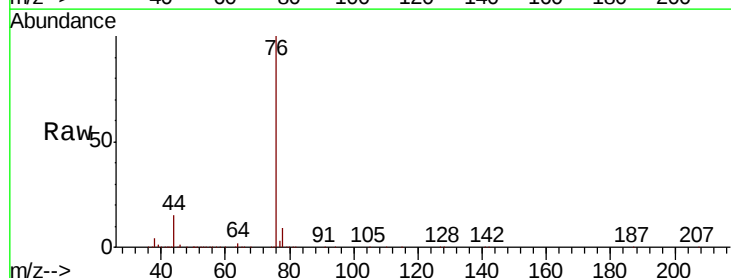
Acq: 08 Aug 2018 00:05

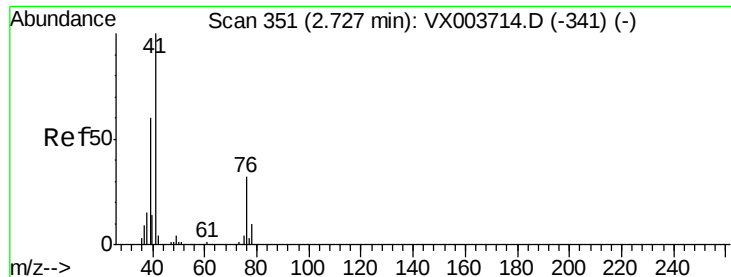
Tgt Ion: 76 Resp: 198411

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





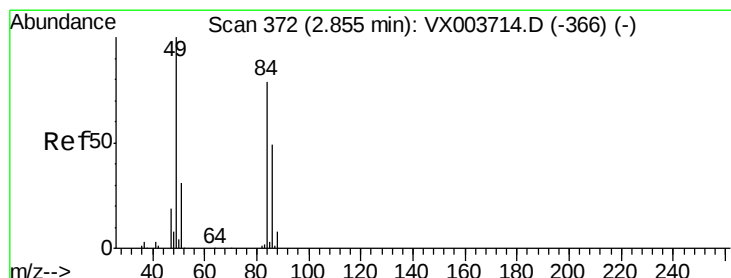
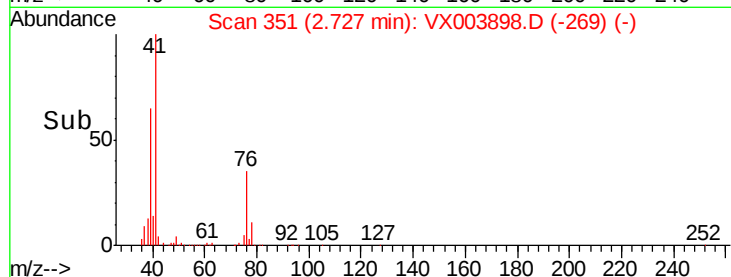
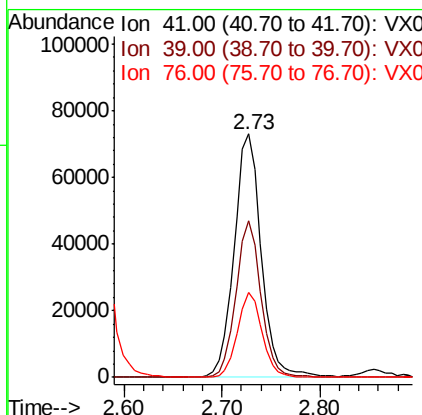
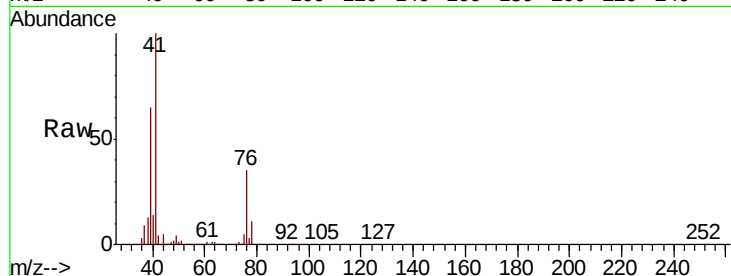
#17
Allvl chloride
Concen: 17.07 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.5	34.6	103.8
76	34.8	15.0	45.1

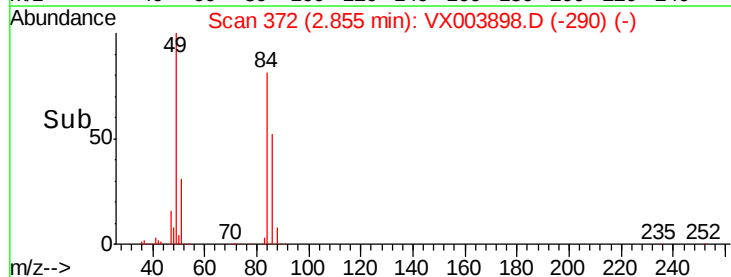
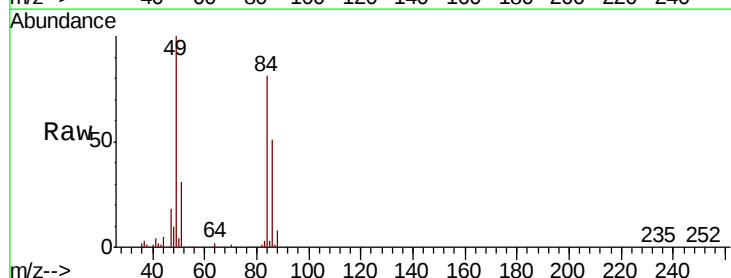
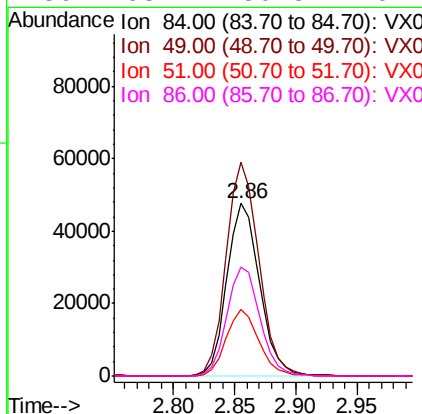
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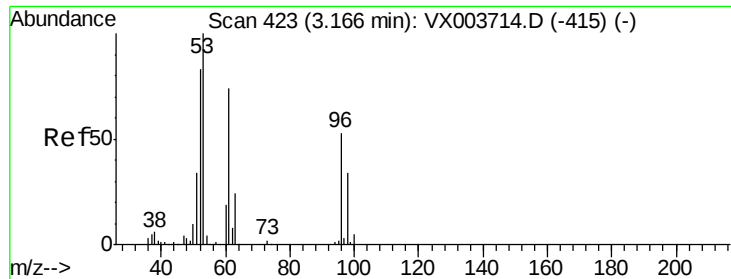
apatel
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#18
Methylene Chloride
Concen: 18.81 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	104.7	157.1
51	38.8	31.0	46.4
86	63.2	50.8	76.2





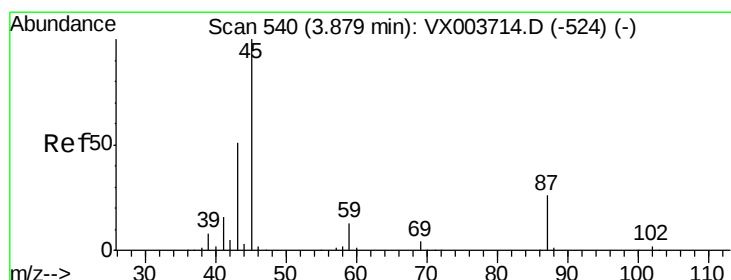
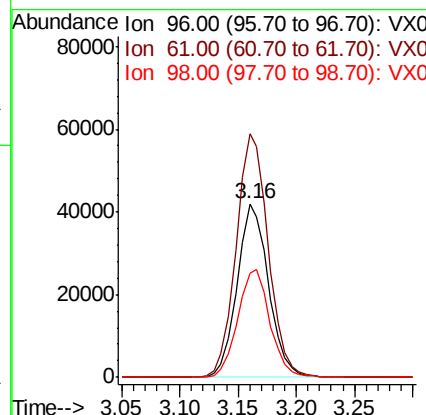
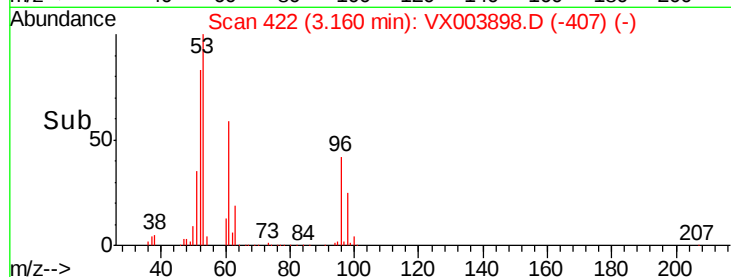
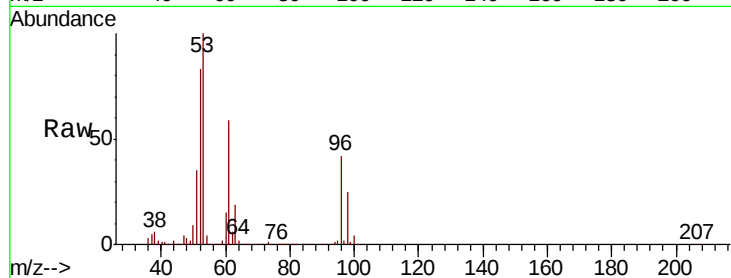
#19
trans-1,2-Dichloroethene
Concen: 18.46 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	114.6	172.0
98	59.7	51.3	76.9

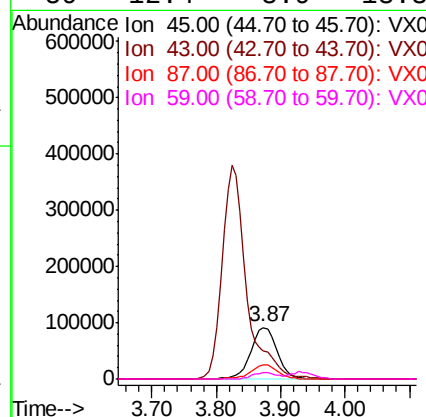
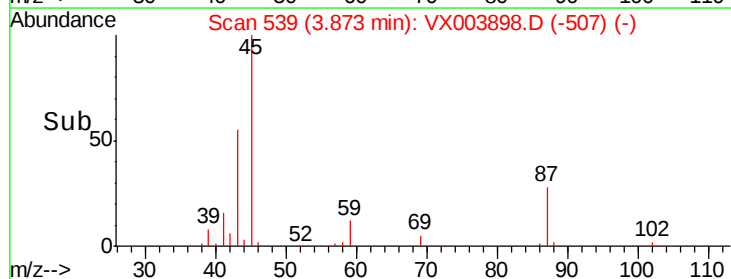
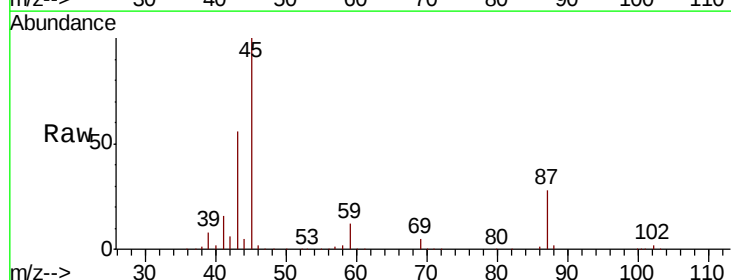
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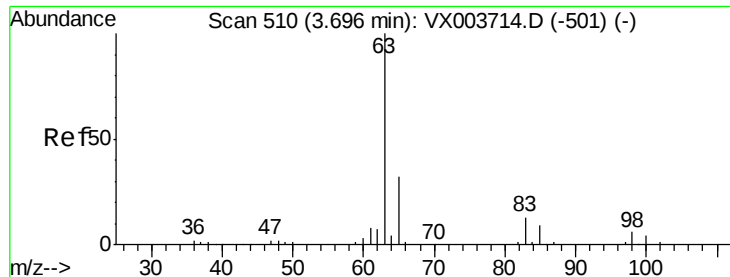
apatel
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#20
Diisopropyl ether
Concen: 16.96 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.3	45.6	68.4
87	28.1	20.7	31.1
59	12.4	8.9	13.3





#21

1,1-Dichloroethane

Concen: 18.56 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

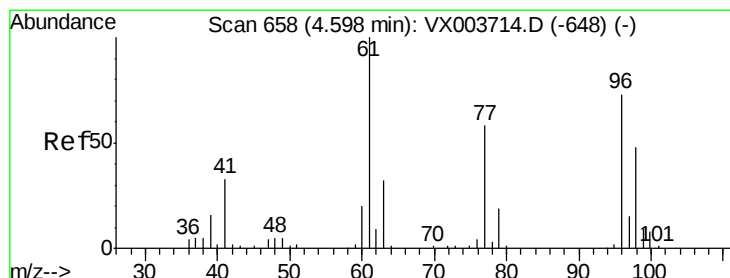
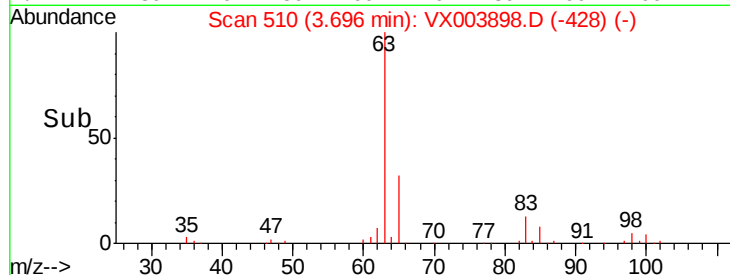
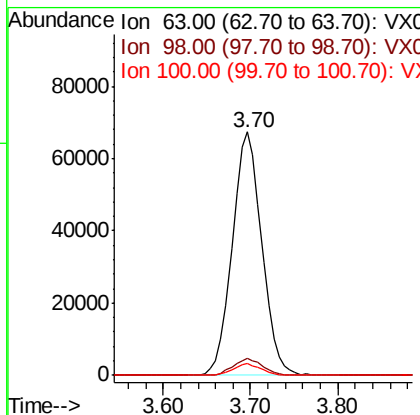
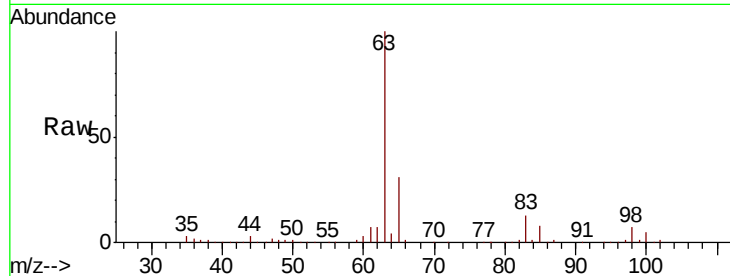
ClientSampleId :

VX0807WBSD02

Tot Ion:	63	Resp:	158140
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.1	9.3
100	4.7	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.66 ug/l

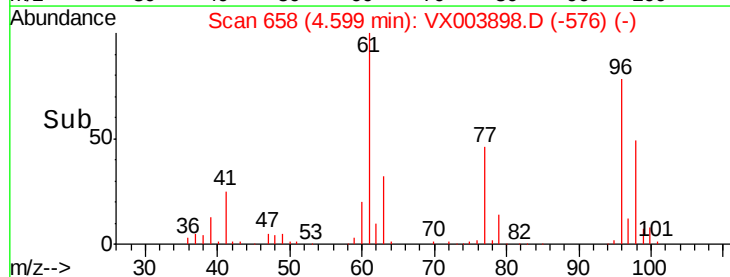
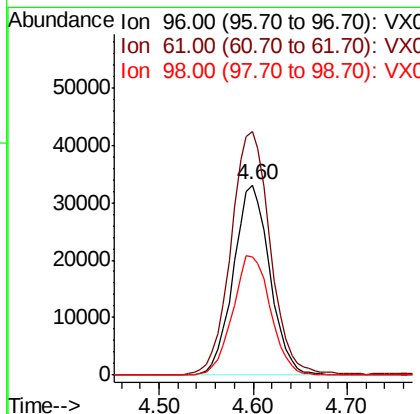
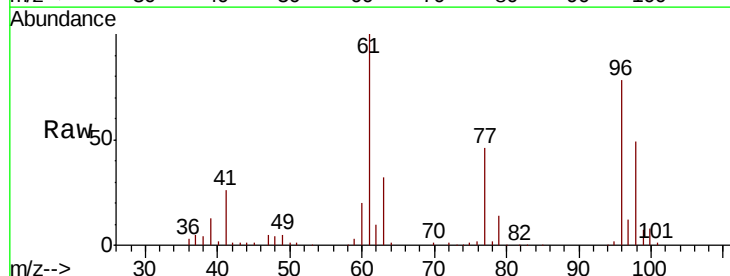
RT: 4.60 min Scan# 658

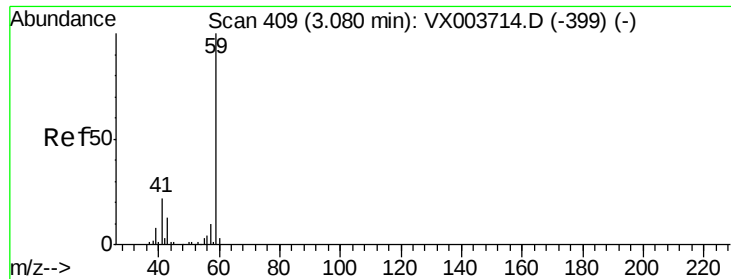
Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion:	96	Resp:	89311
Ion Ratio	Lower	Upper	
96	100		
61	139.0	160.2	240.2#
98	65.0	54.1	81.1





#23

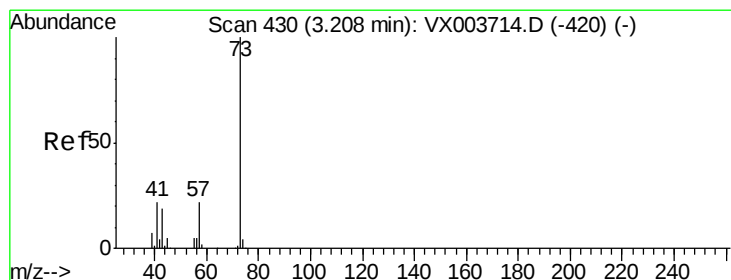
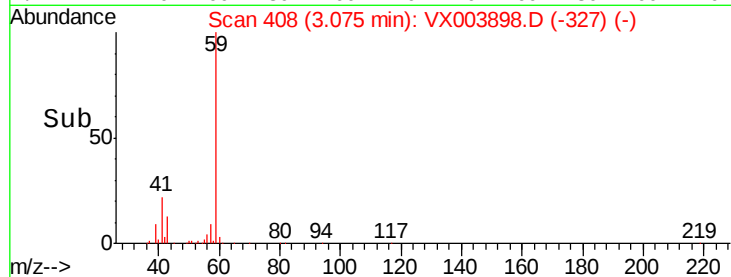
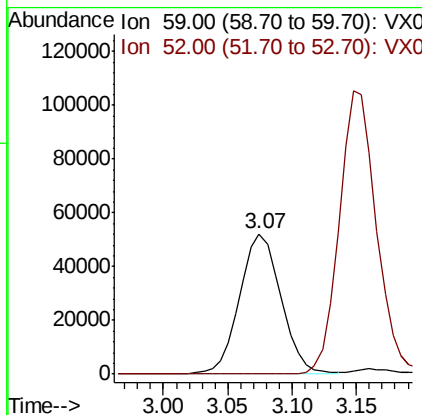
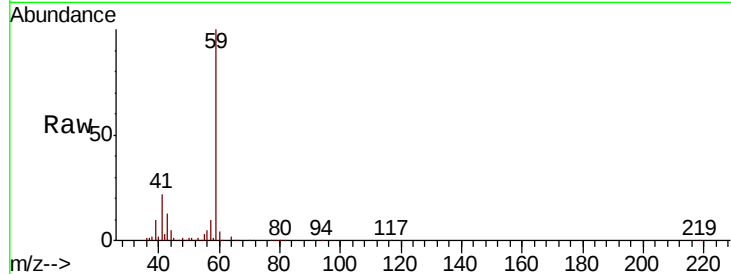
tert-Butyl Alcohol
 Concen: 94.74 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion: 59 Resp: 114878
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

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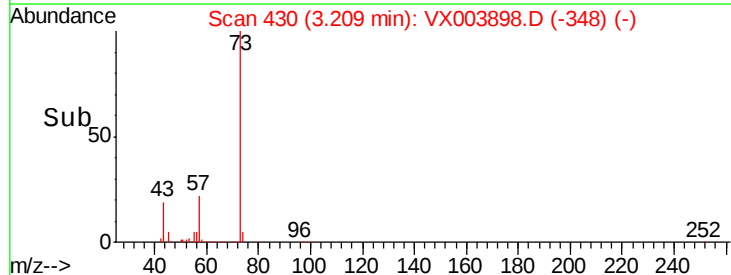
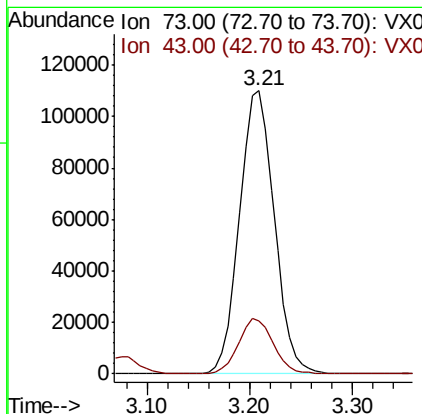
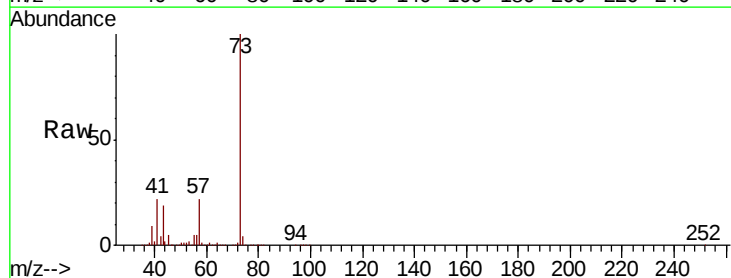
apatel
 8/13/2018 5:33:55 PM

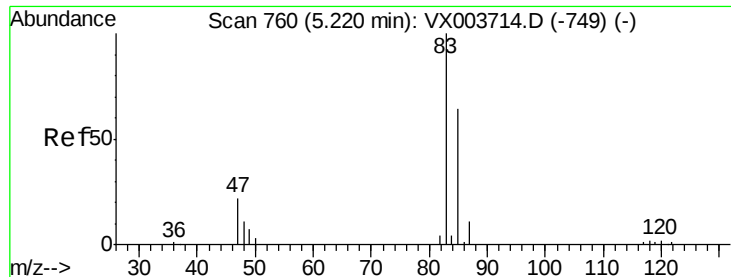


#24

Methyl tert-Butyl Ether
 Concen: 18.23 ug/l m
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion: 73 Resp: 258855
 Ion Ratio Lower Upper
 73 100
 43 0.0 19.0 28.4#





#25

Chloroform

Concen: 19.84 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 83 Resp: 146371

Ion Ratio Lower Upper

83 100

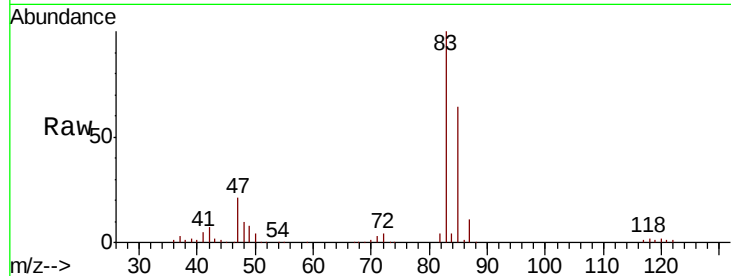
85 63.5 51.9 77.9

Manual Integrations

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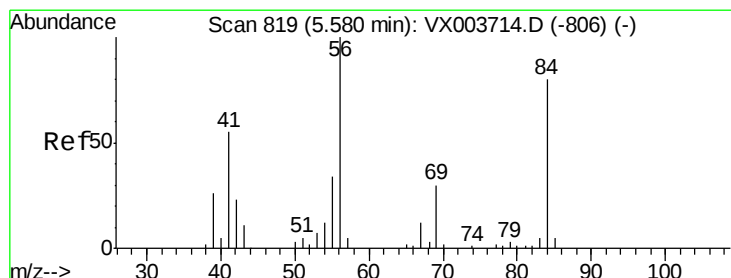
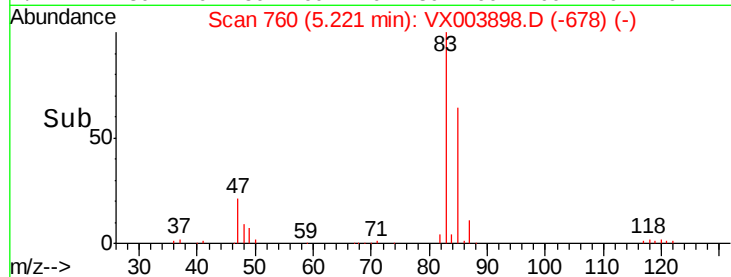
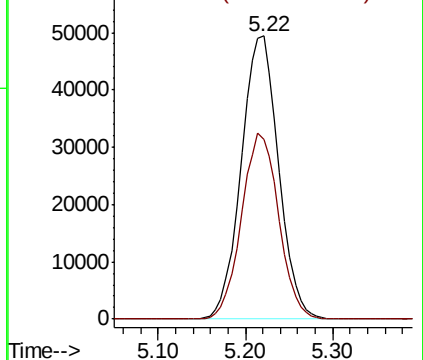
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.52 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

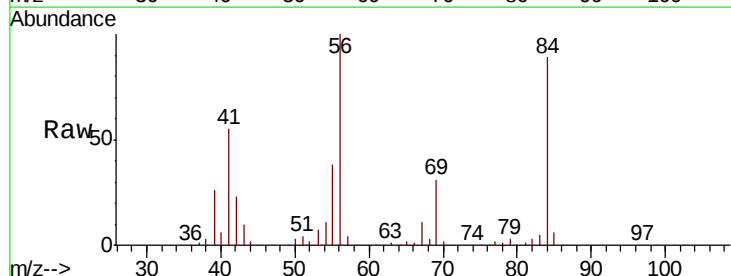
Tgt Ion: 56 Resp: 124956

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

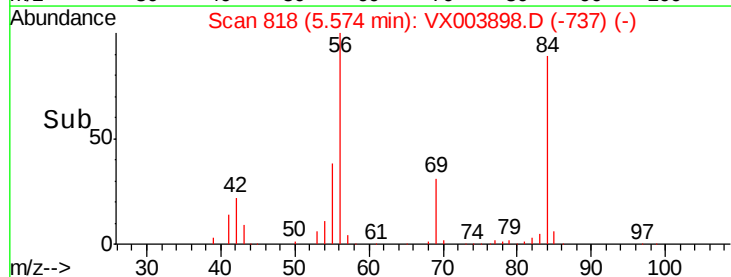
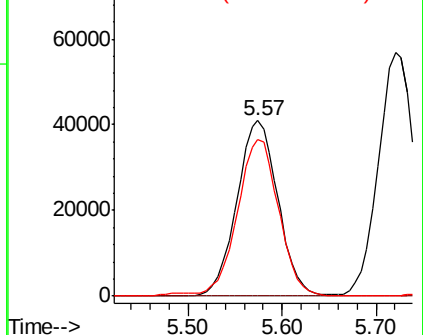
84 89.9 64.9 97.3

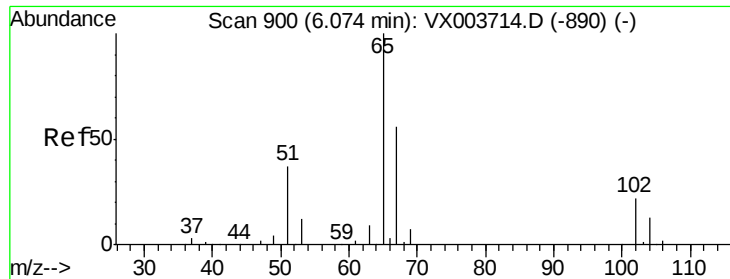


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





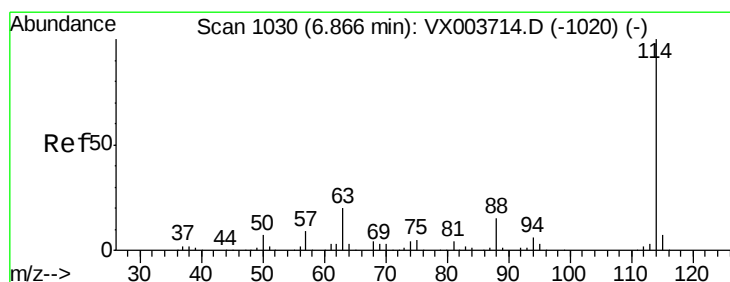
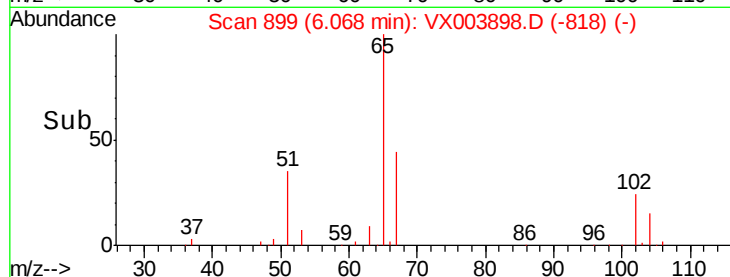
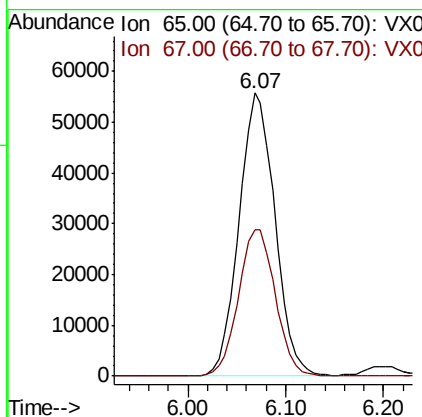
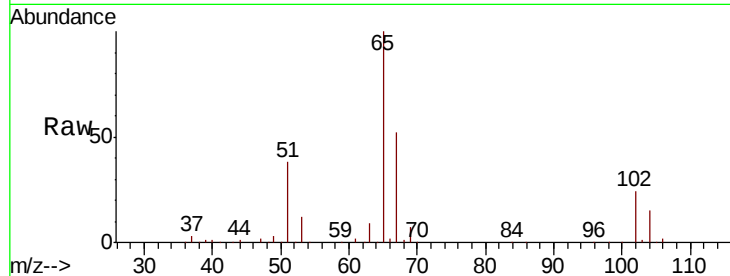
#27
 1,2-Dichloroethane-d4
 Concen: 28.12 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	40.9	61.3

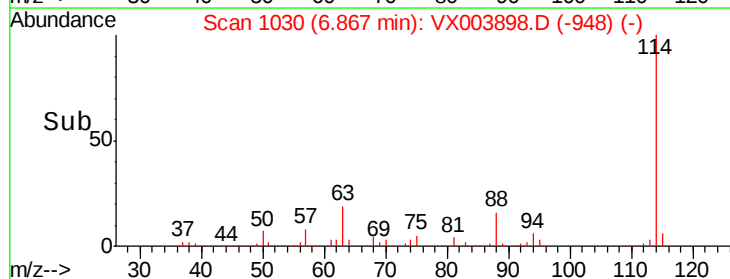
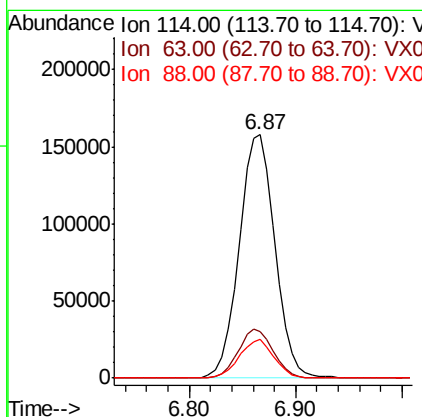
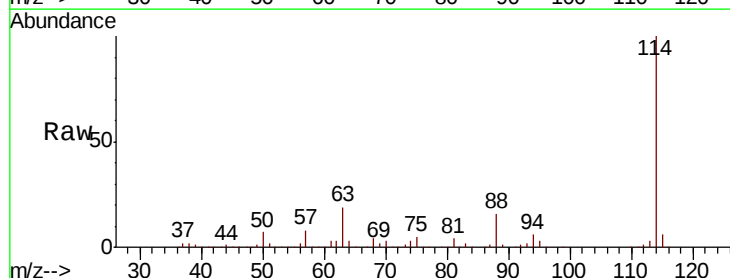
Manual Integrations
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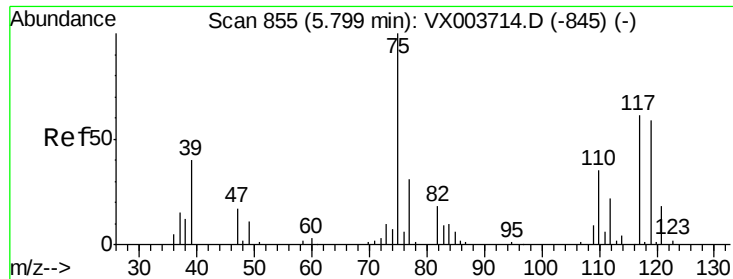
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	17.1	25.7
88	15.4	12.6	19.0





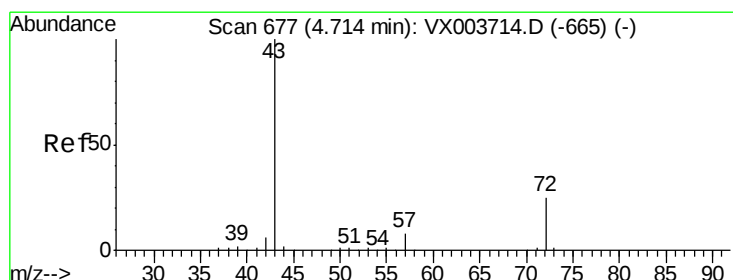
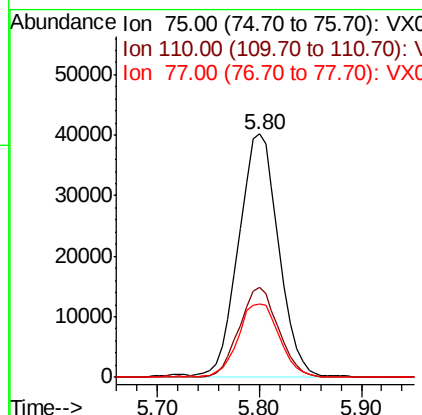
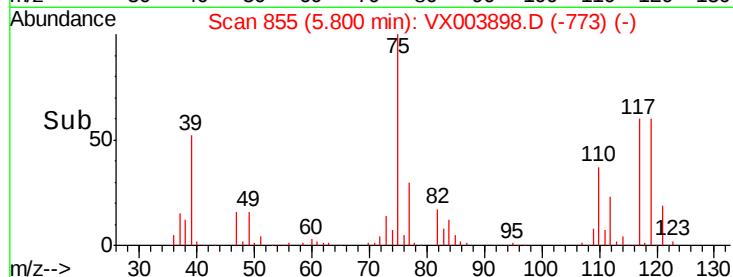
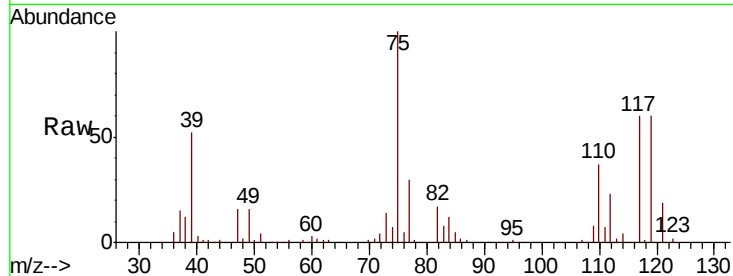
#29
 1,1-Dichloropropene
 Concen: 19.97 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.2	0.0	71.4
77	30.6	0.0	60.6

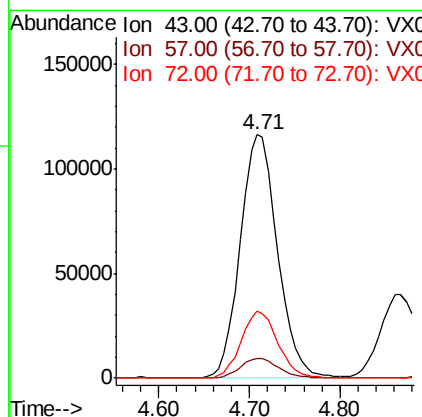
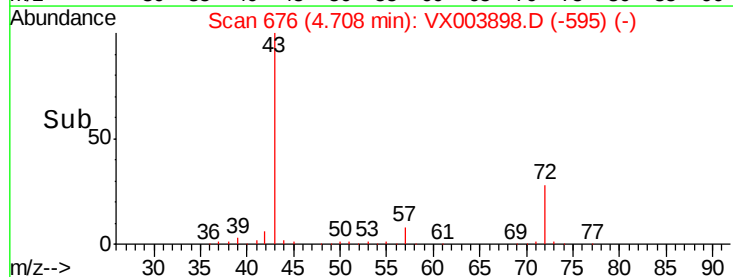
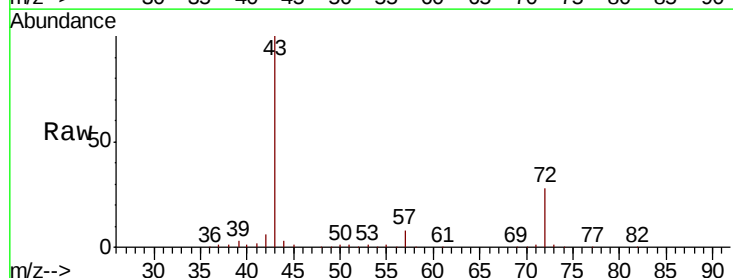
Manual Integrations
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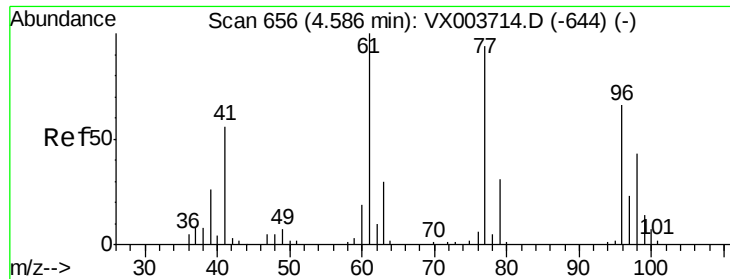
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#30
 2-Butanone
 Concen: 94.26 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.1	9.1
72	27.1	18.1	27.1





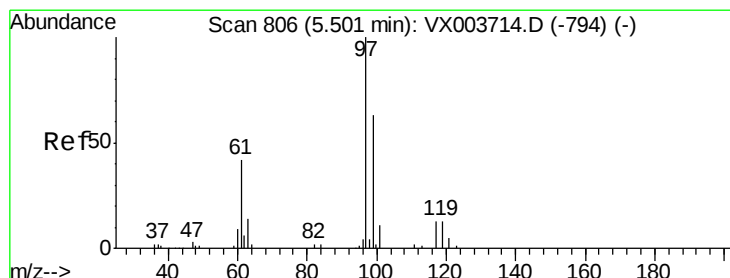
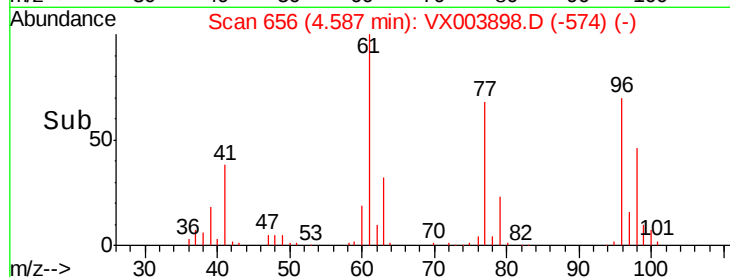
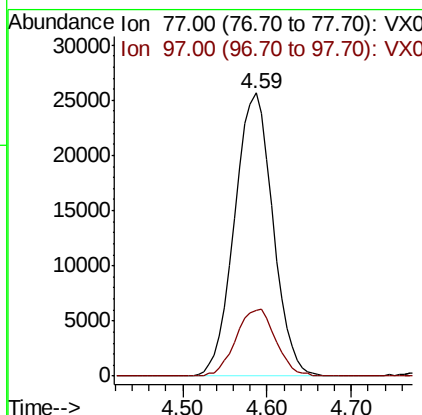
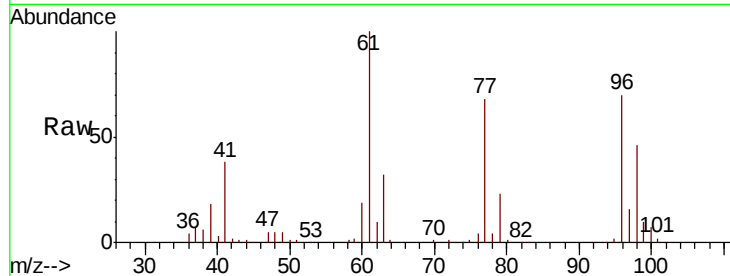
#31
 2,2-Dichloropropane
 Concen: 14.87 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.5	18.7	28.1

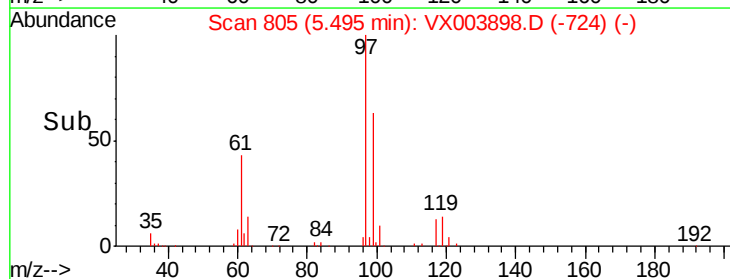
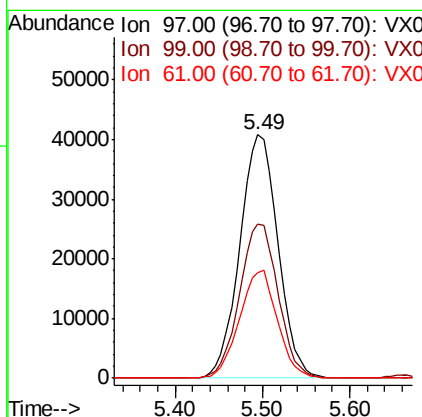
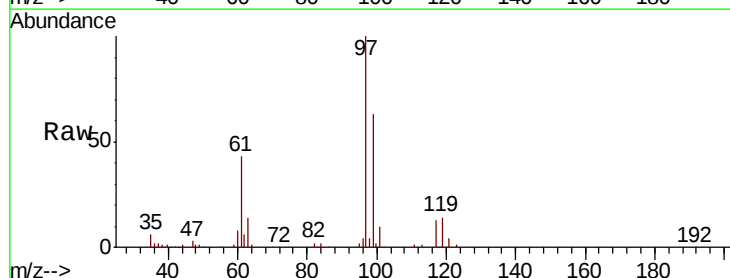
Manual Integrations
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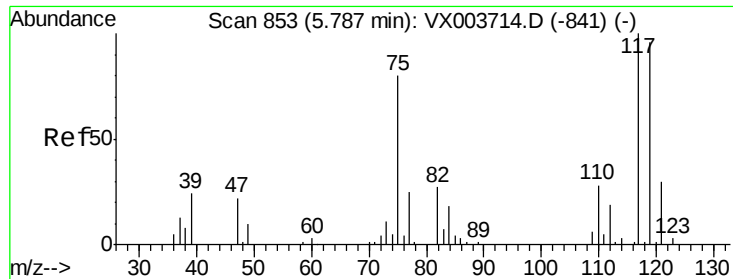
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#32
 1,1,1-Trichloroethane
 Concen: 19.79 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	43.9	36.4	54.6





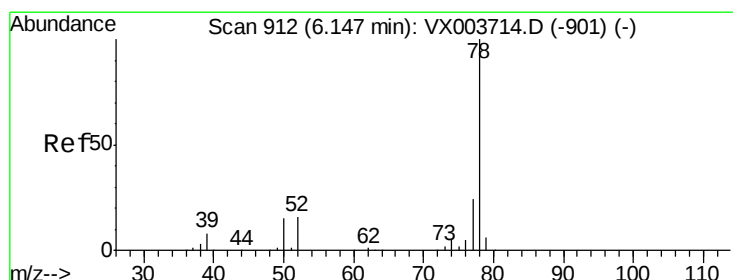
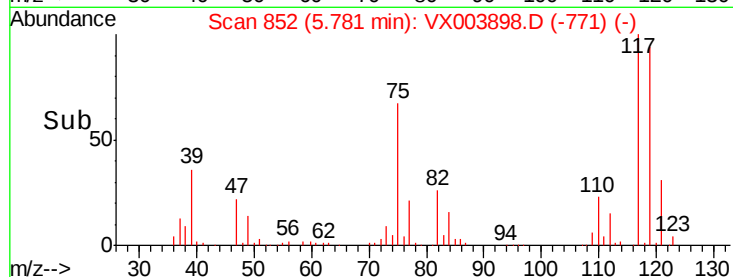
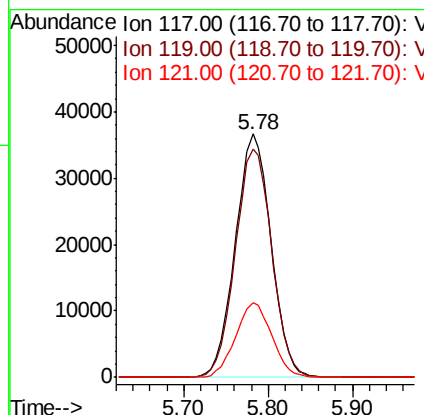
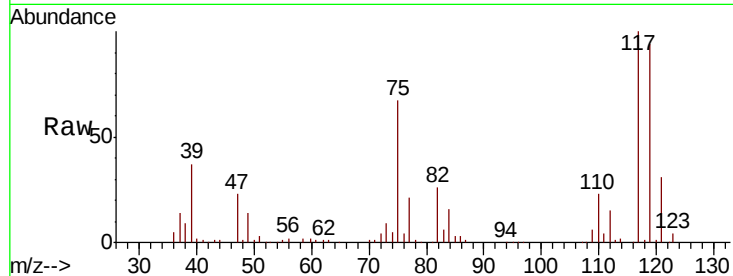
#33
Carbon Tetrachloride
Concen: 19.30 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.3	109.9
121	30.8	23.6	35.4

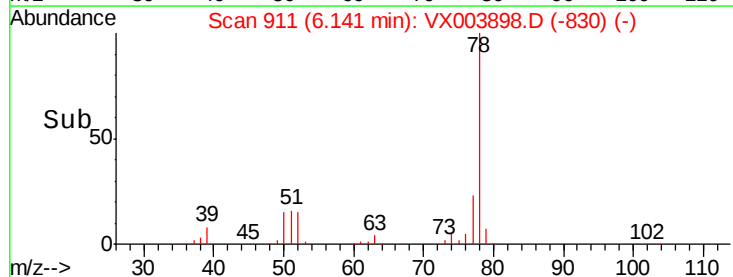
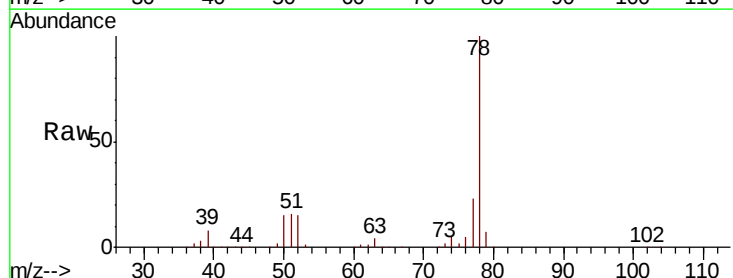
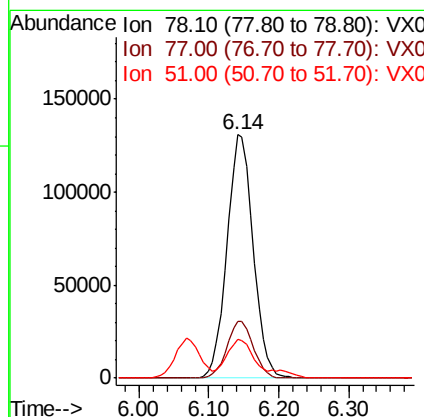
Manual Integrations
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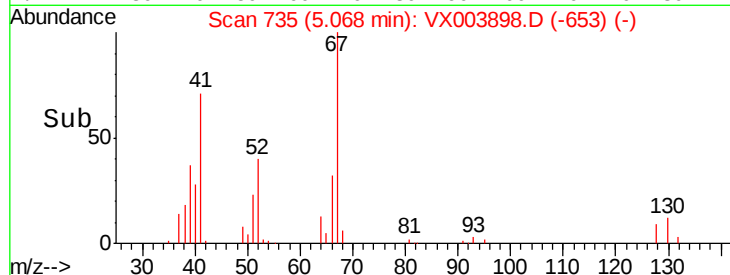
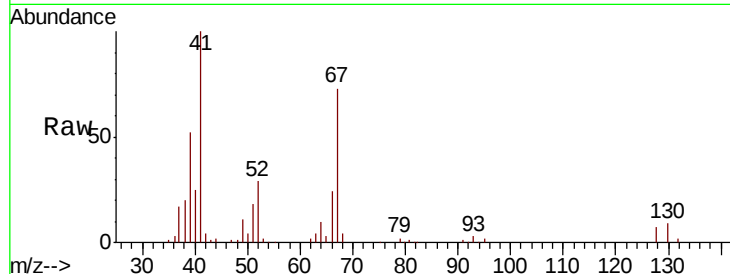
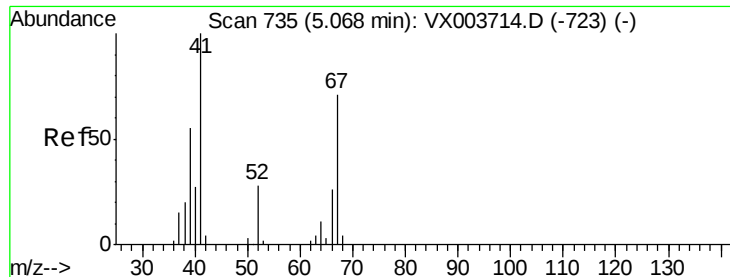
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#34
Benzene
Concen: 20.20 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0
51	15.6	13.8	20.6





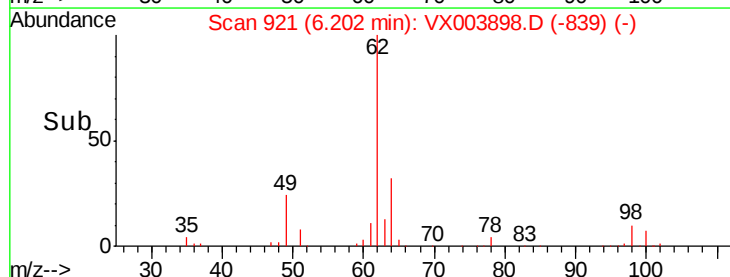
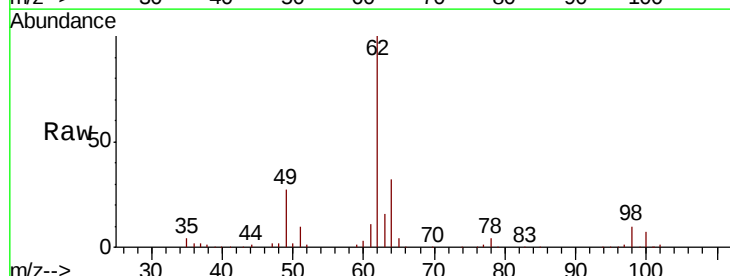
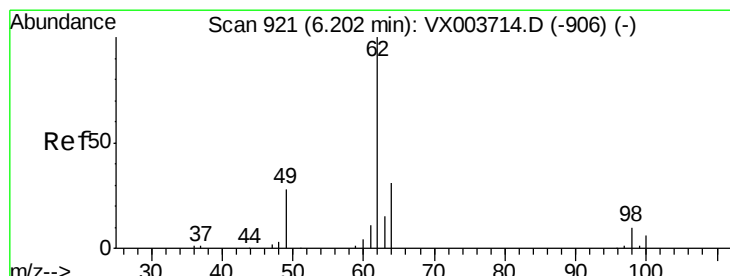
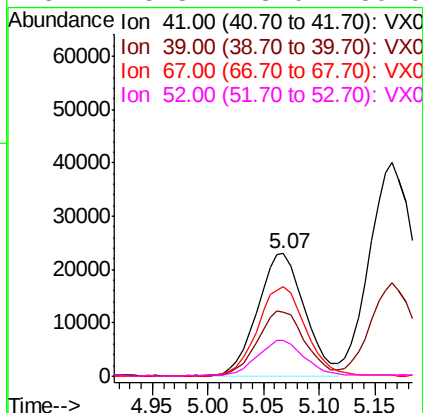
#35
Methacrylonitrile
Concen: 18.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.5	28.8	86.5	
67	72.9	30.4	91.2	
52	28.8	13.0	39.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

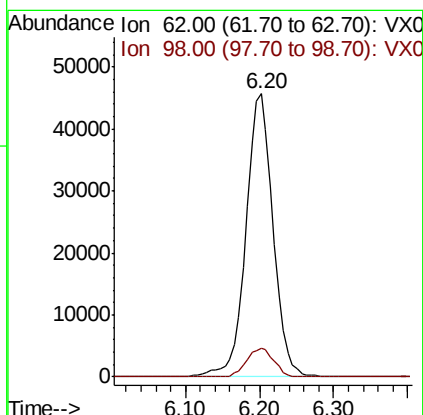
Manual Integrations
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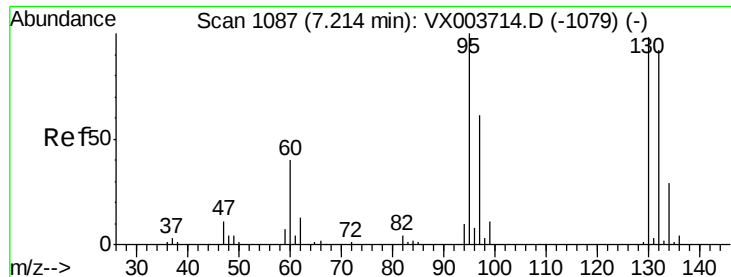
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#36
1,2-Dichloroethane
Concen: 19.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	6.5	9.7#	





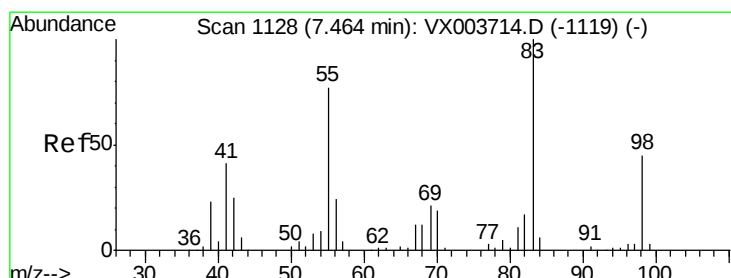
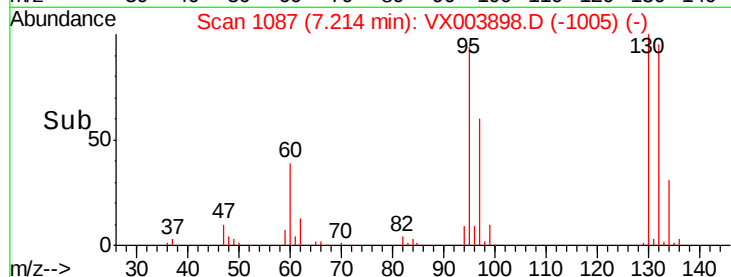
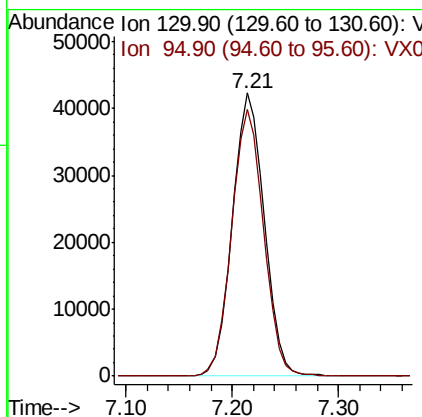
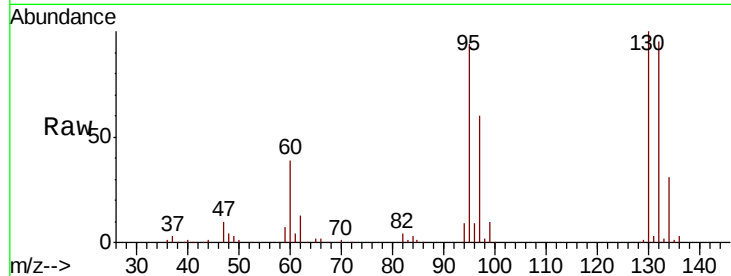
#37
 Trichloroethene
 Concen: 20.30 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion:130 Resp: 89242
 Ion Ratio Lower Upper
 130 100
 95 94.3 81.5 122.3

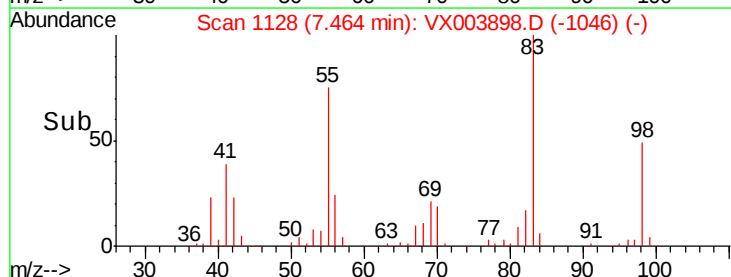
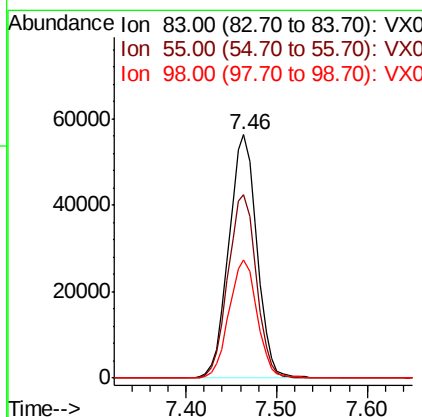
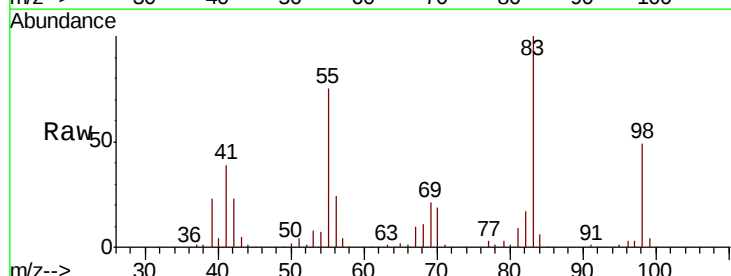
Manual Integrations
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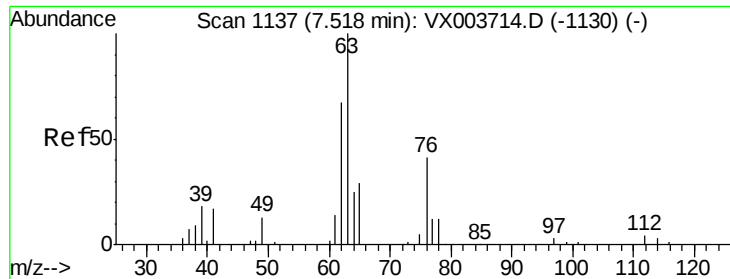
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#38
 Methylcyclohexane
 Concen: 19.49 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion: 83 Resp: 121593
 Ion Ratio Lower Upper
 83 100
 55 76.0 40.6 121.8
 98 48.6 23.5 70.5





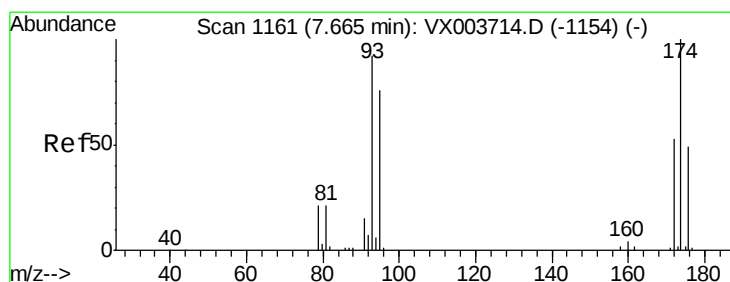
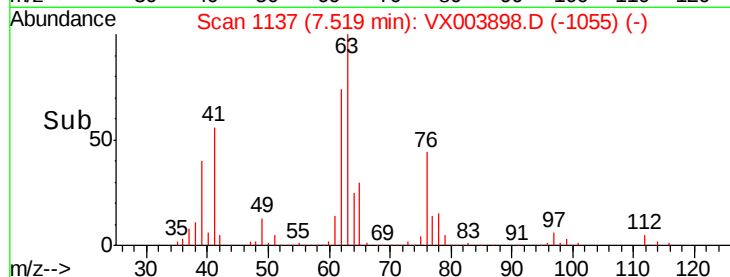
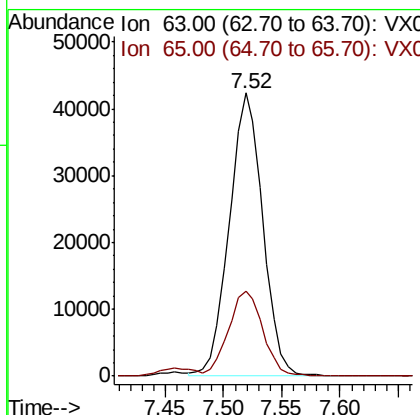
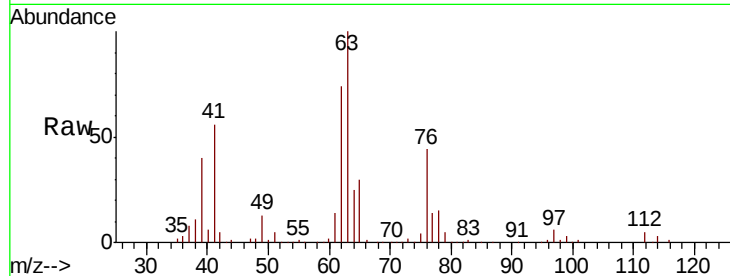
#39
 1,2-Dichloropropane
 Concen: 19.00 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.3	34.9

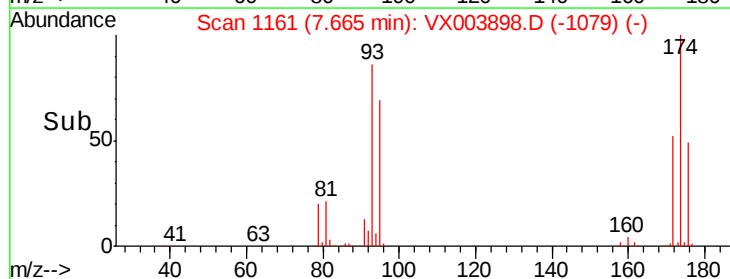
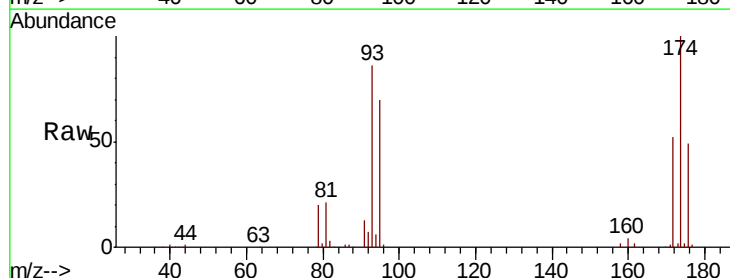
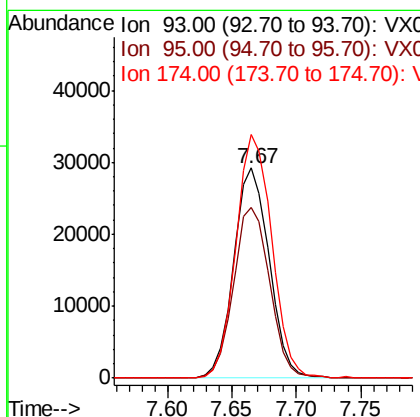
Manual Integrations
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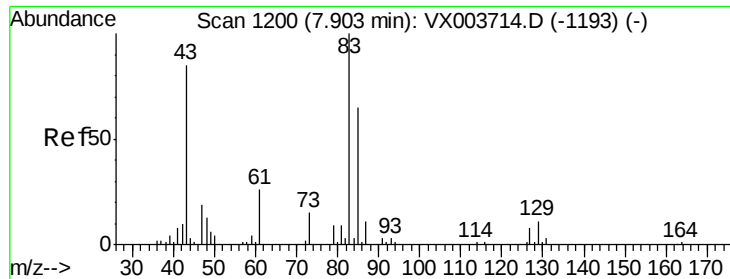
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#40
 Dibromomethane
 Concen: 19.42 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	0.0	162.6
174	116.5	0.0	229.4





#41

Bromodichloromethane

Concen: 18.99 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

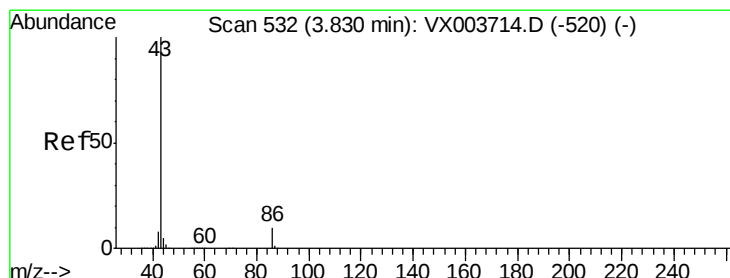
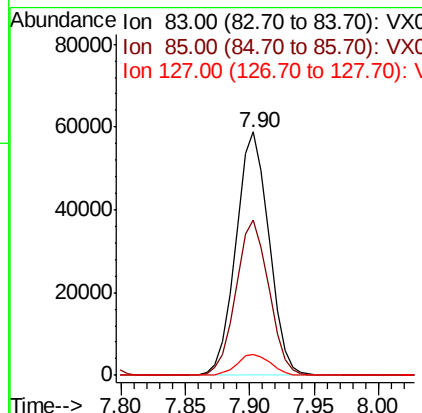
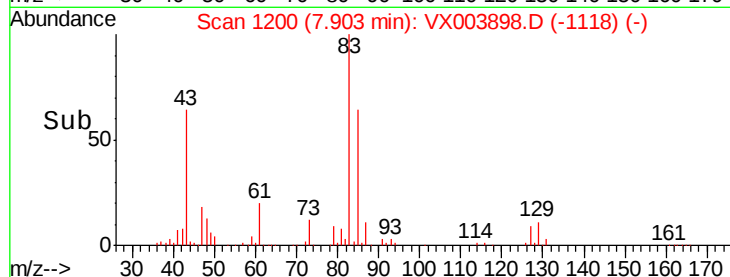
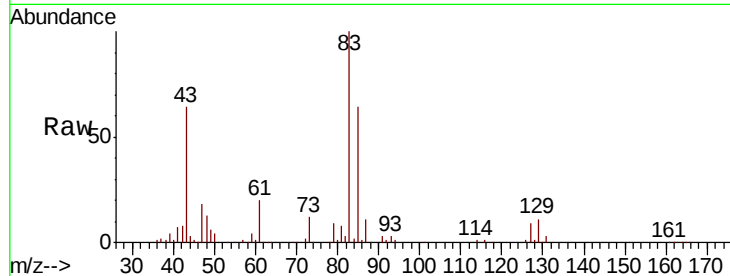
ClientSampleId :

VX0807WBSD02

Tot Ion:	83	Resp:	104681
Ion Ratio	Lower	Upper	
83	100		
85	64.1	49.8	74.8
127	8.5	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 74.93 ug/l

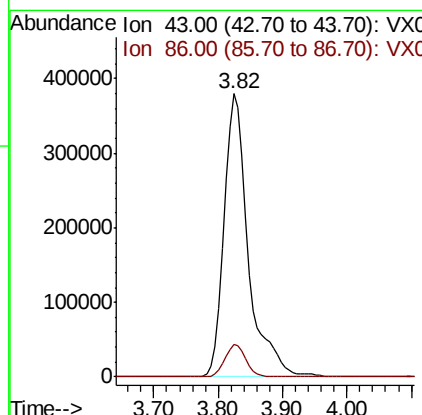
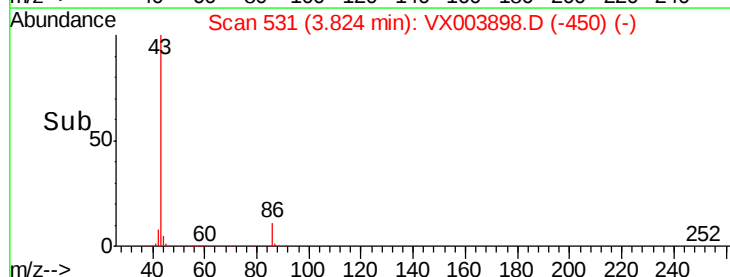
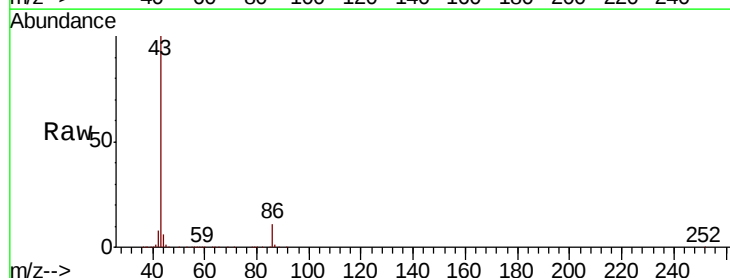
RT: 3.82 min Scan# 531

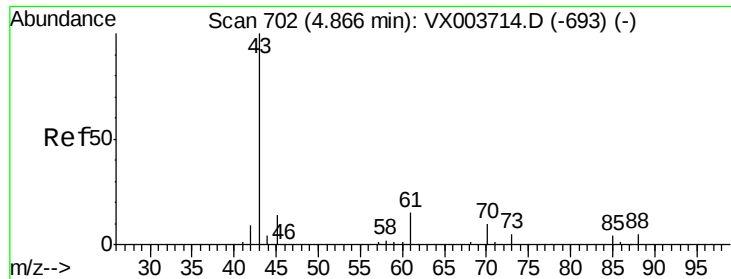
Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion:	43	Resp:	1009634
Ion Ratio	Lower	Upper	
43	100		
86	9.9	6.7	10.1





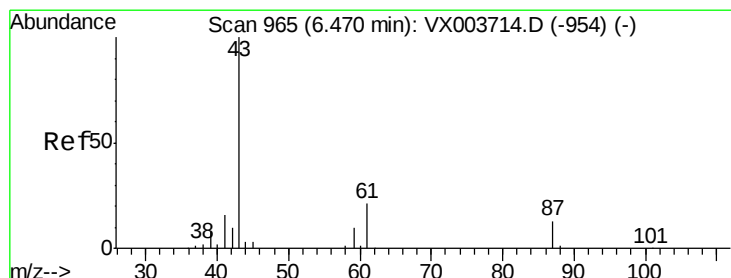
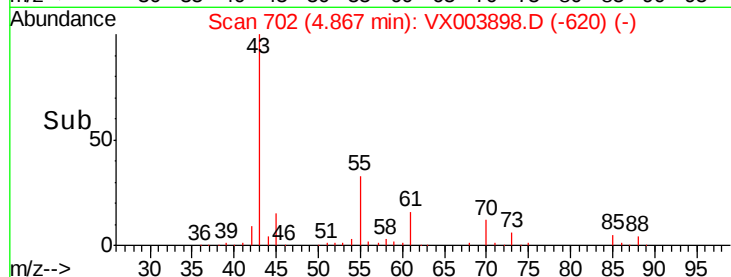
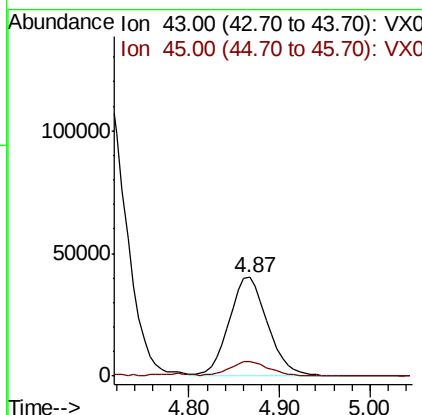
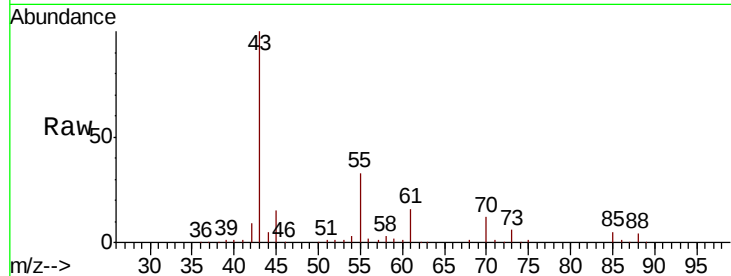
#43
Ethyl Acetate
Concen: 18.14 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleID :
VX0807WBSD02

Tot Ion: 43 Resp: 118828
Ion Ratio Lower Upper
43 100
45 14.8 11.0 16.4

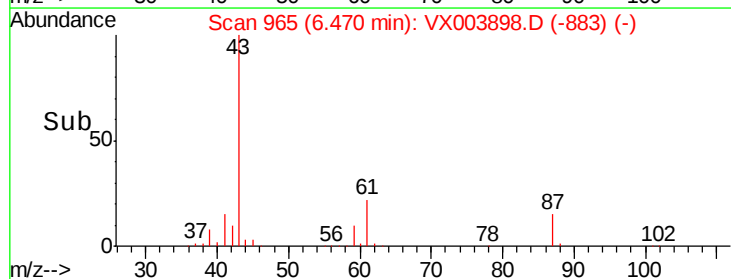
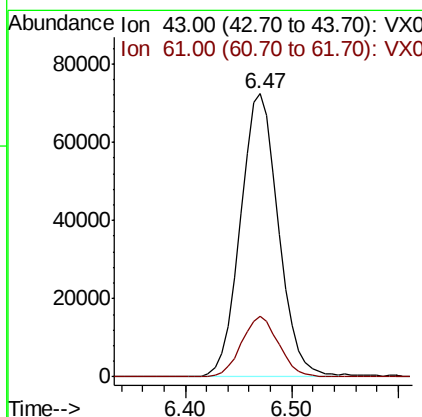
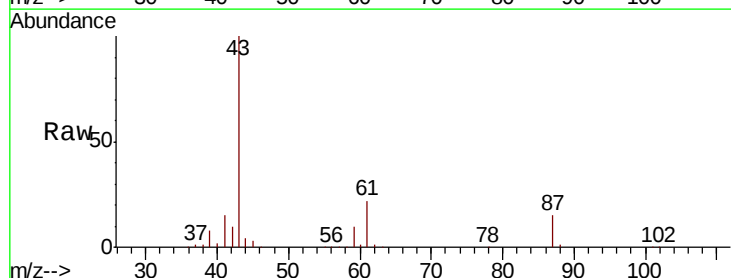
Manual Integrations
APPROVED

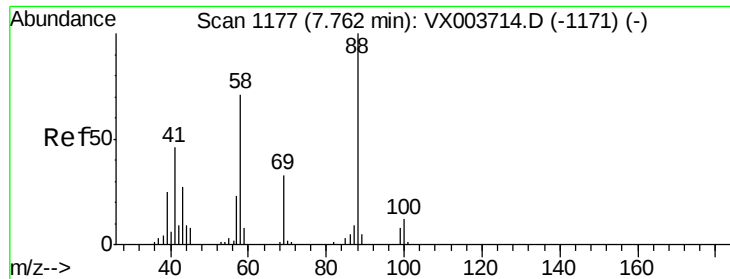
apatel
8/13/2018 5:33:55 PM



#44
Isopropyl Acetate
Concen: 18.03 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion: 43 Resp: 181186
Ion Ratio Lower Upper
43 100
61 21.1 14.5 21.7





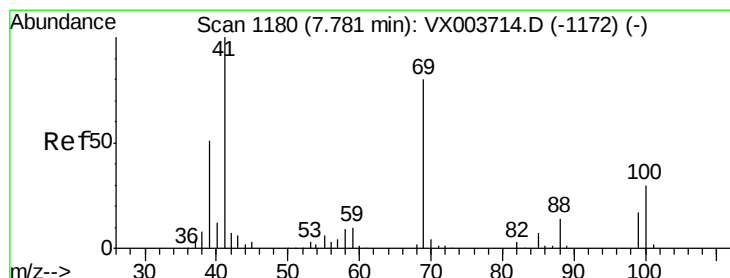
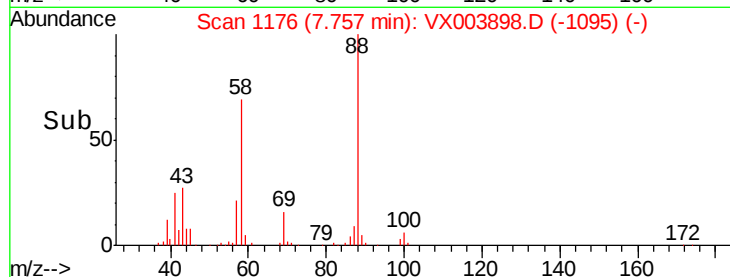
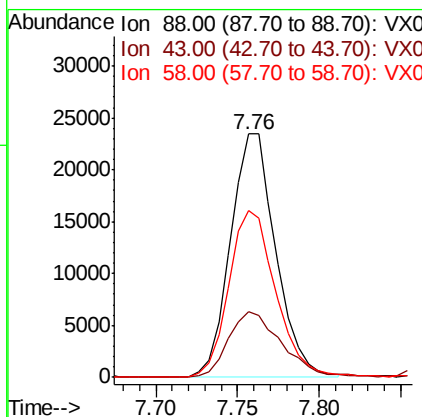
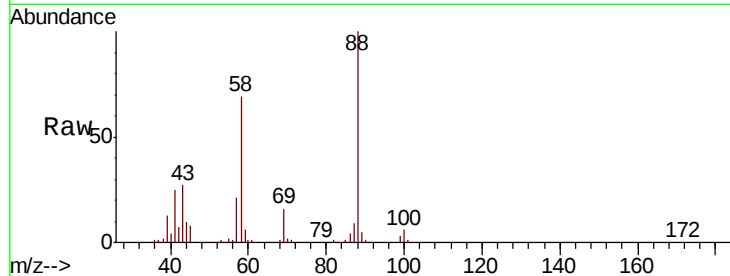
#45
1,4-Dioxane
Concen: 406.11 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	43.2	64.8#
58	71.2	60.2	90.2

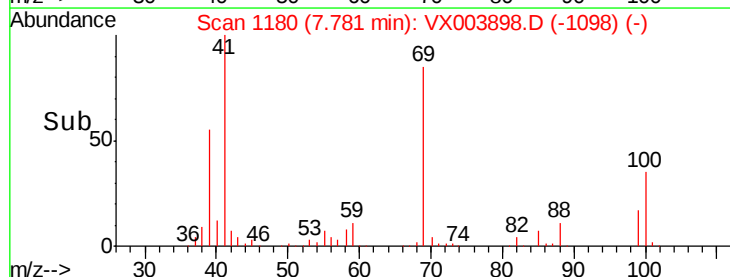
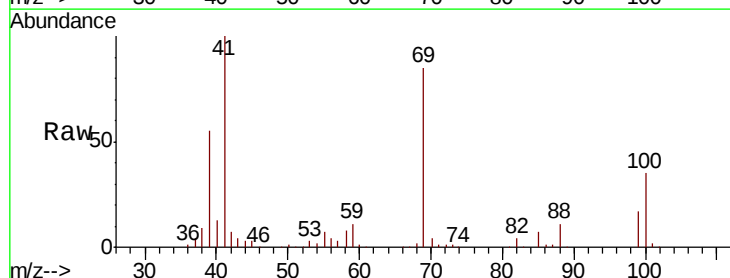
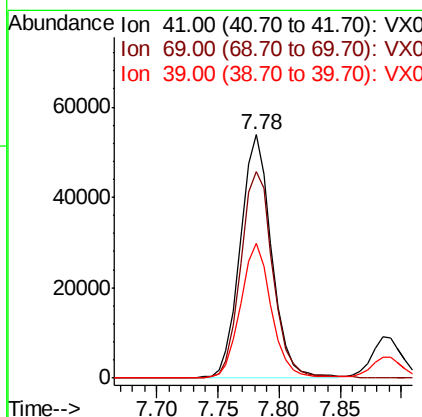
Manual Integrations
APPROVED

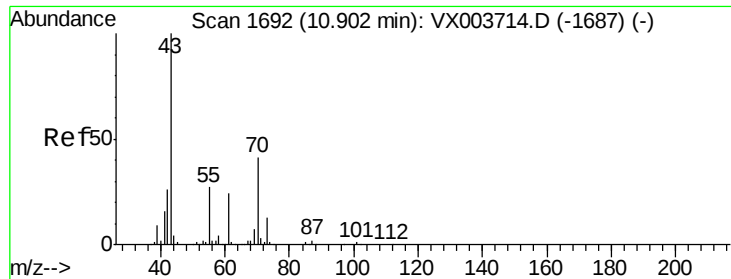
apatel
8/13/2018 5:33:55 PM



#46
Methyl methacrylate
Concen: 18.36 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.8	37.0	110.9
39	55.2	29.6	88.9





#47

n-amvl Acetate

Concen: 16.06 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 43 Resp: 152332

Ion Ratio Lower Upper

43 100

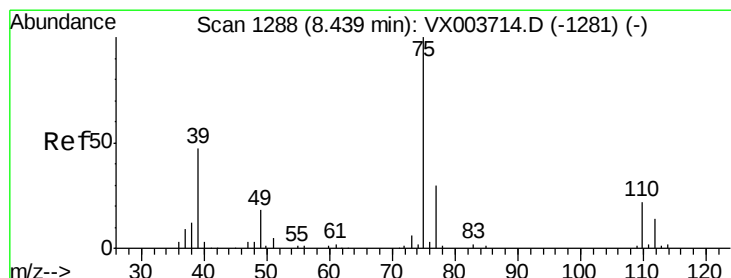
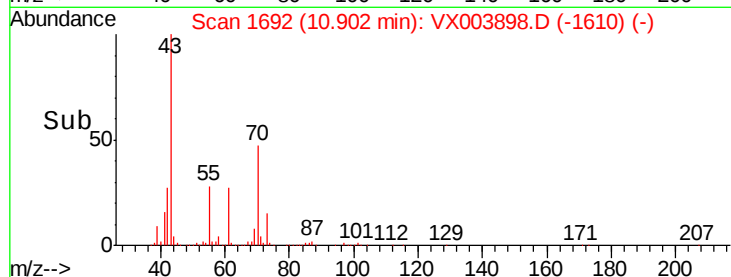
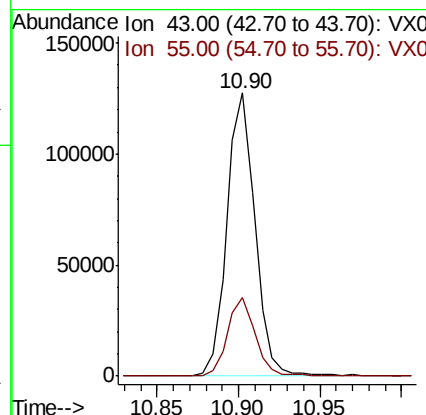
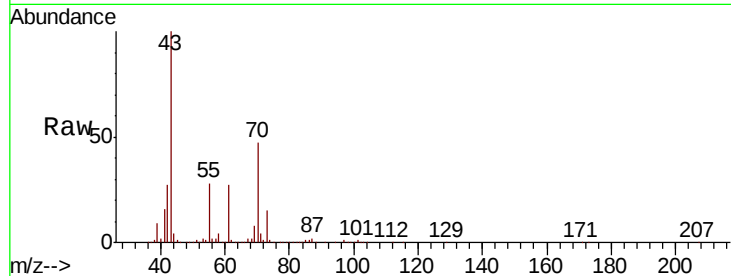
55 27.5 0.1 0.1#

Manual Integrations

APPROVED

apatel

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#48

t-1,3-Dichloropropene

Concen: 18.07 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003898.D

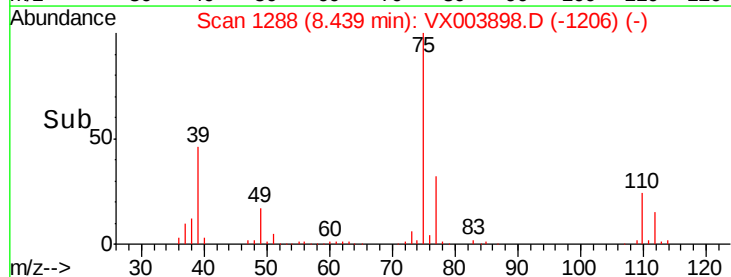
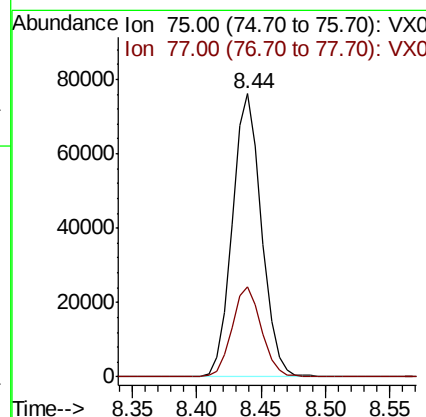
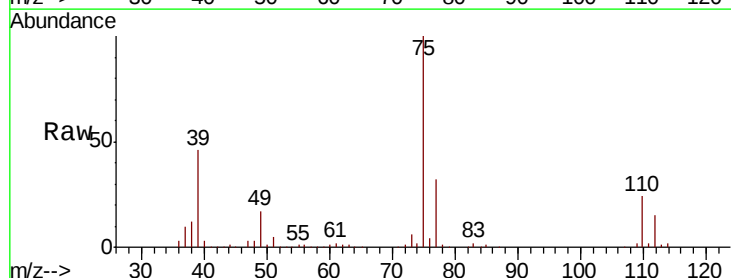
Acq: 08 Aug 2018 00:05

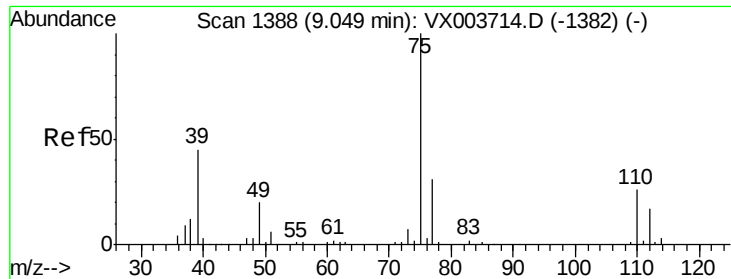
Tgt Ion: 75 Resp: 120858

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4





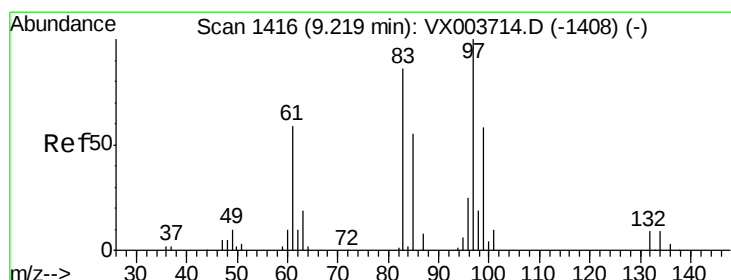
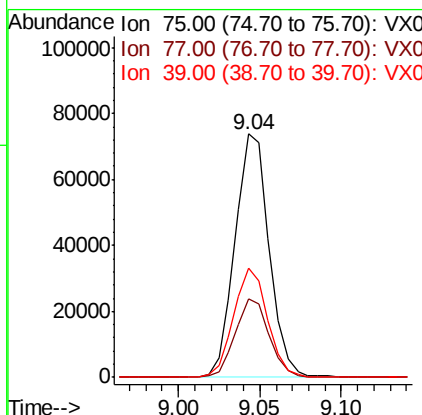
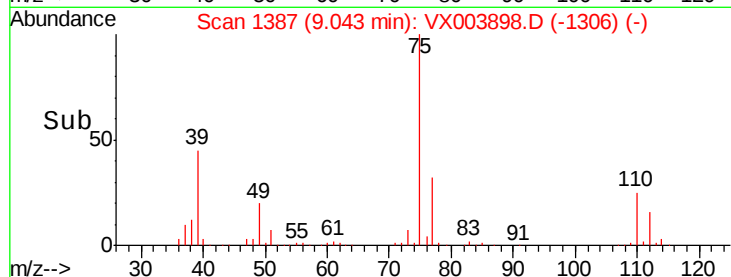
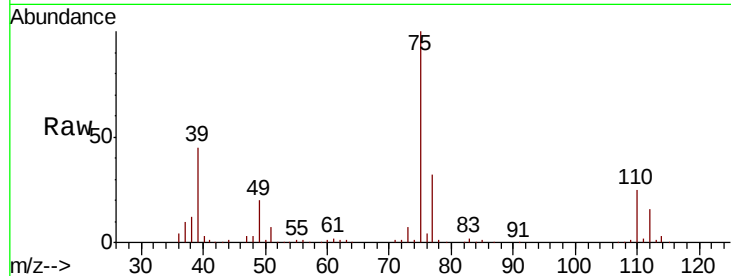
#49
 cis-1,3-Dichloropropene
 Concen: 17.20 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2
39	44.9	42.3	63.5

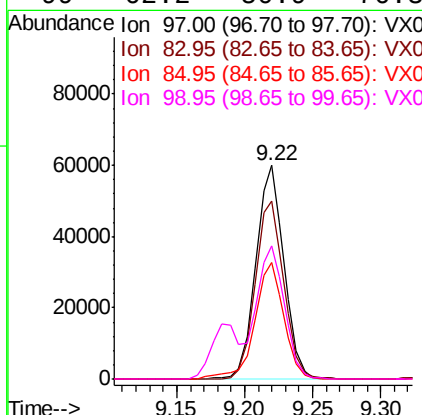
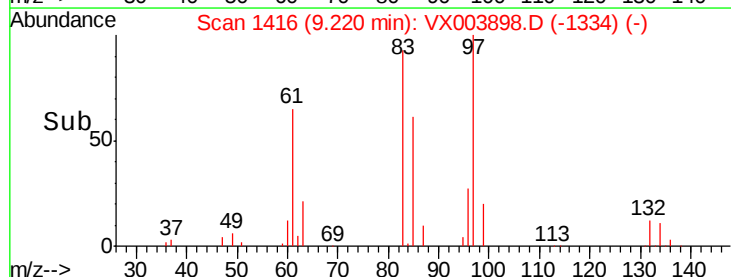
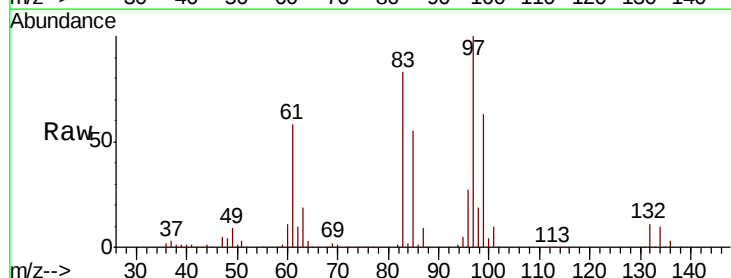
Manual Integrations
 APPROVED

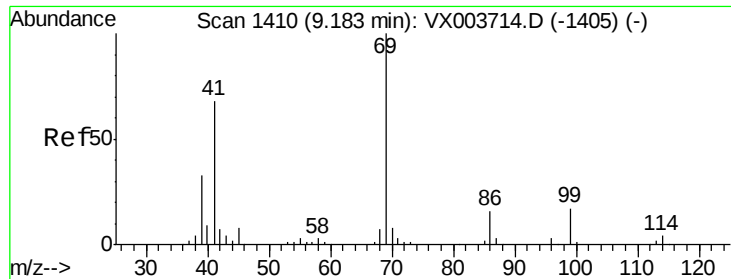
apatel
 8/13/2018 5:33:55 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.94 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.8	106.2
85	54.6	43.5	65.3
99	62.2	50.9	76.3





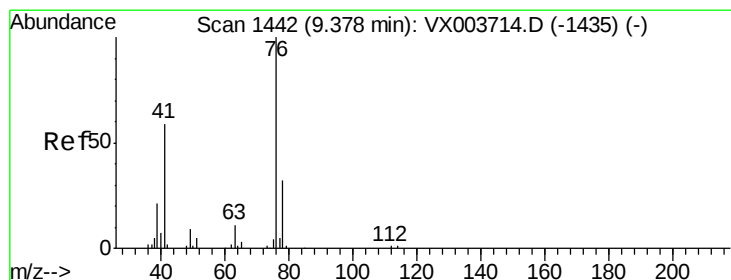
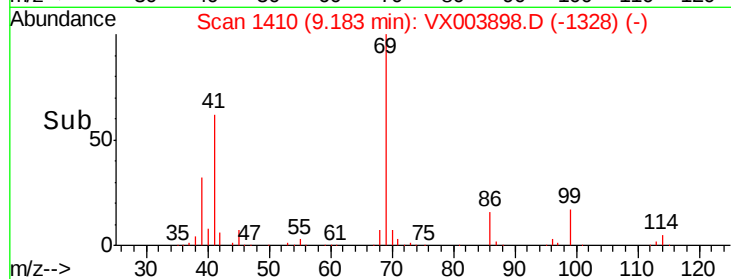
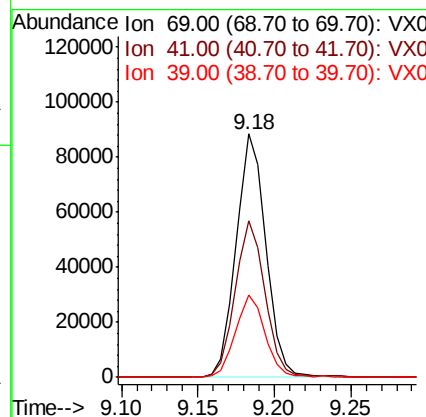
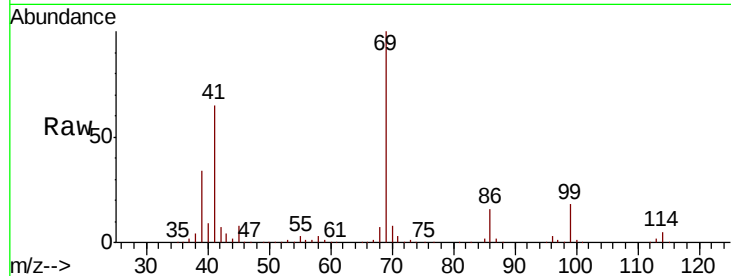
#51
Ethyl methacrylate
Concen: 17.37 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
69	100		
41	64.5	39.1	117.3
39	33.5	21.7	65.1

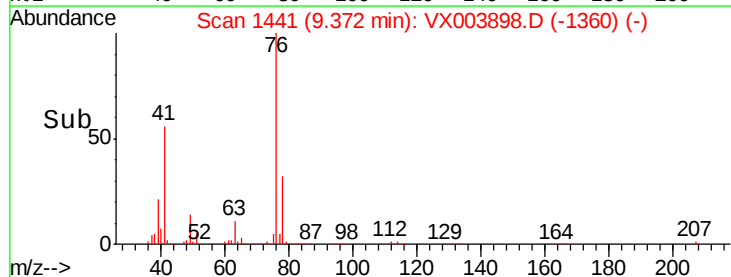
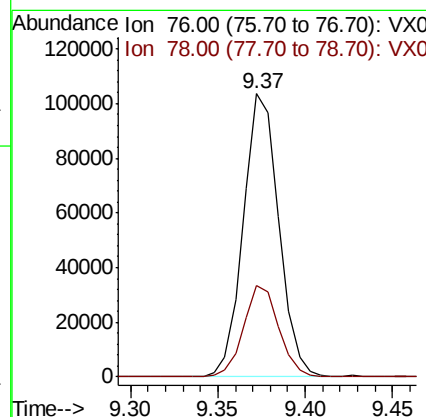
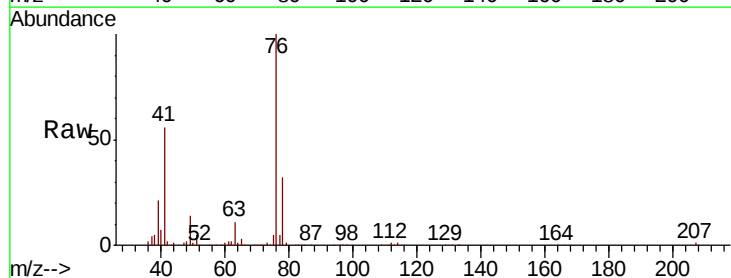
Manual Integrations
APPROVED

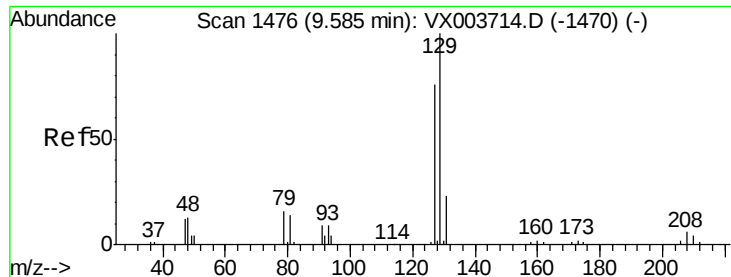
apatel
8/13/2018 5:33:55 PM



#52
1,3-Dichloropropane
Concen: 19.21 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	63.4





#53

Dibromochloromethane

Concen: 18.09 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion:129 Resp: 81383

Ion Ratio Lower Upper

129 100

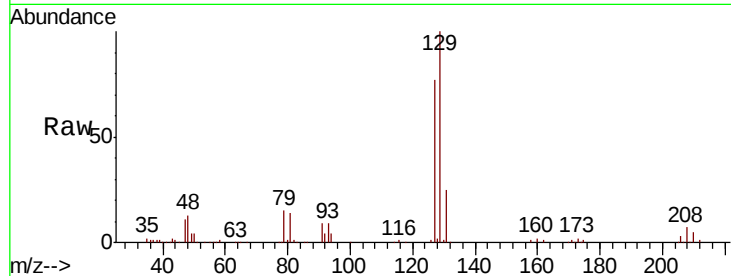
127 77.7 38.5 115.3

Manual Integrations

APPROVED

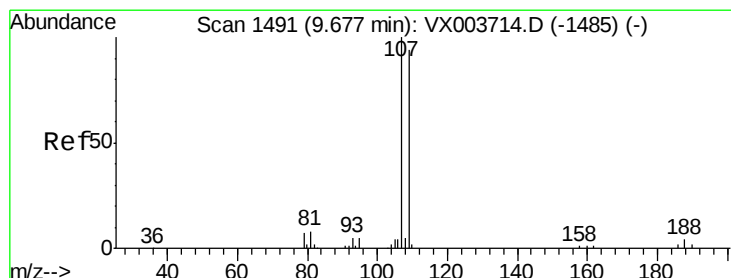
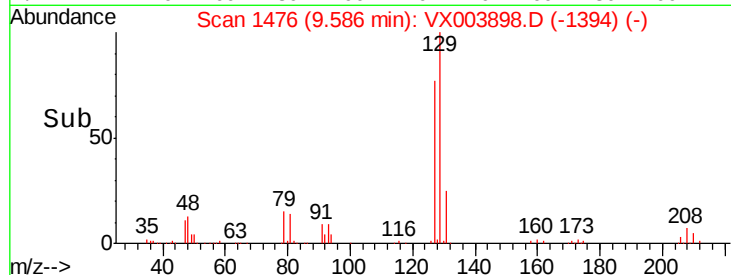
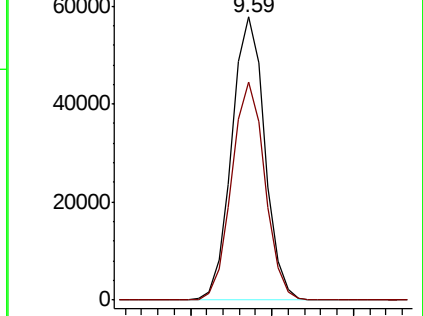
apatel

8/13/2018 5:33:55 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003898.D

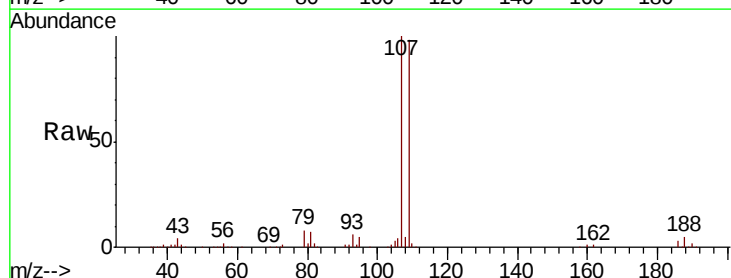
Acq: 08 Aug 2018 00:05

Tgt Ion:107 Resp: 88254

Ion Ratio Lower Upper

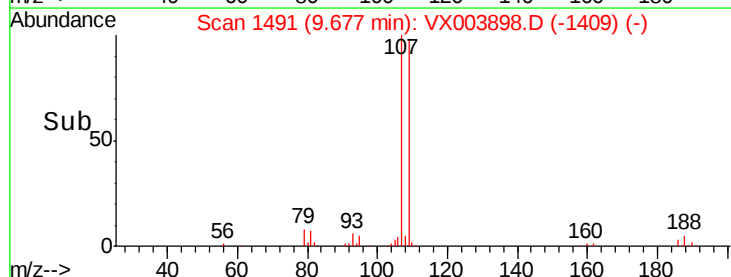
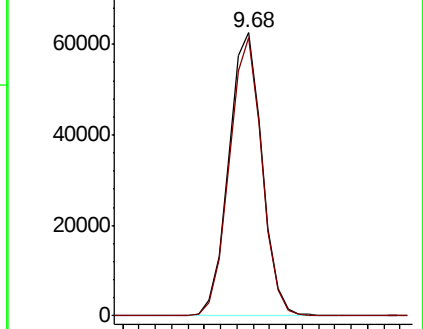
107 100

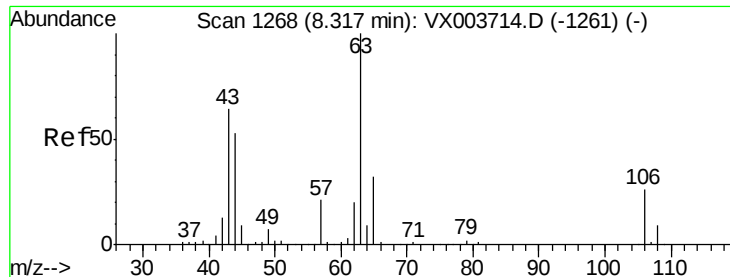
109 96.8 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





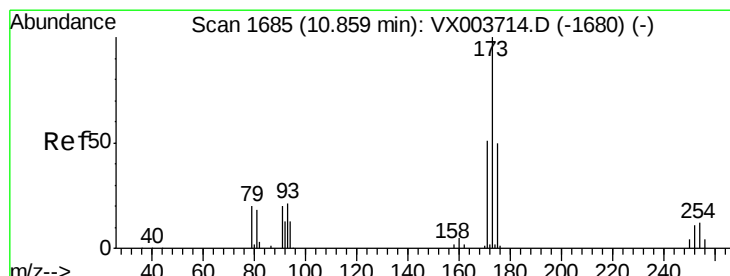
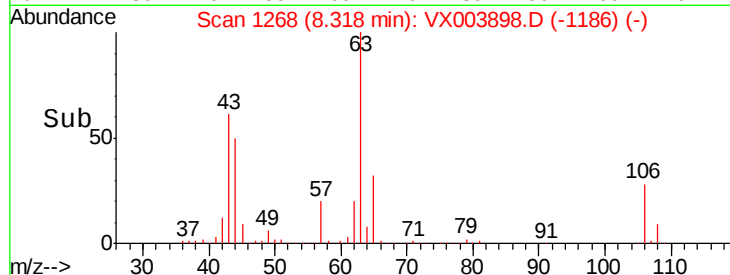
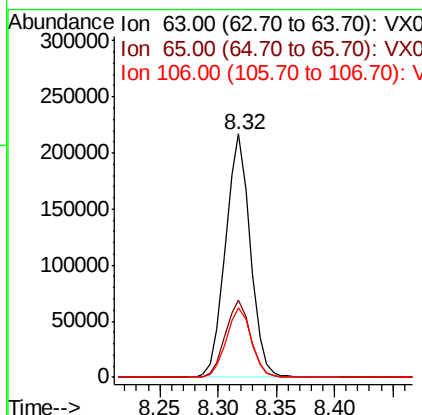
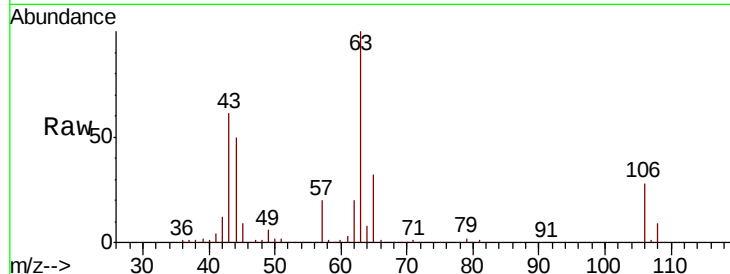
#55
2-Chloroethyl vinyl ether
Concen: 90.10 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.6	38.4
106	29.0	21.6	32.4

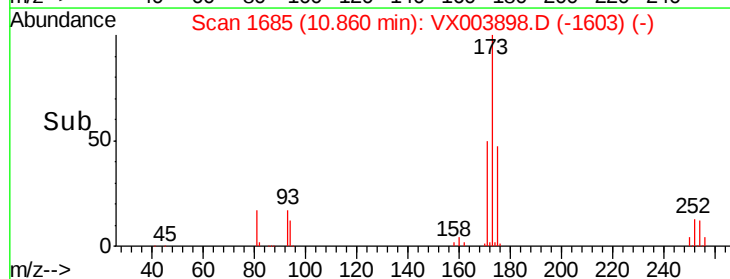
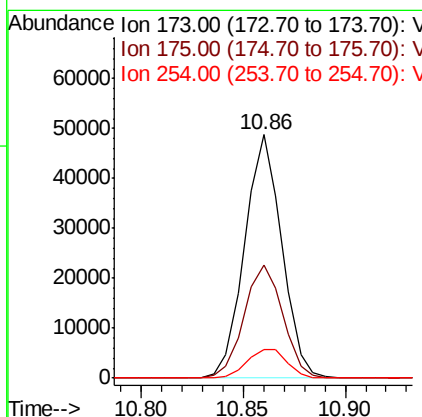
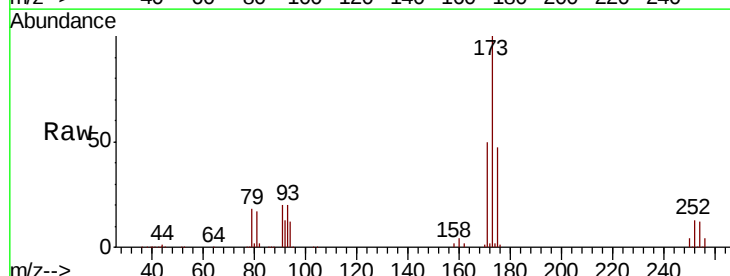
Manual Integrations
APPROVED

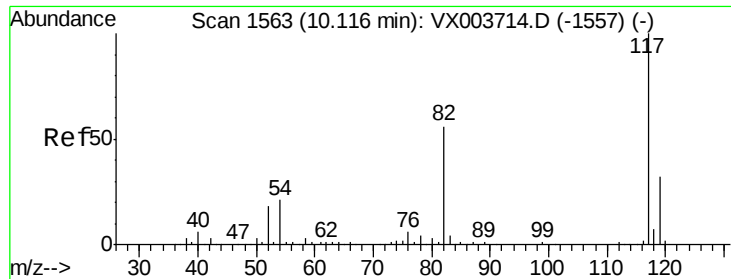
apatel
8/13/2018 5:33:55 PM



#56
Bromoform
Concen: 17.73 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
254	13.0	9.6	14.4





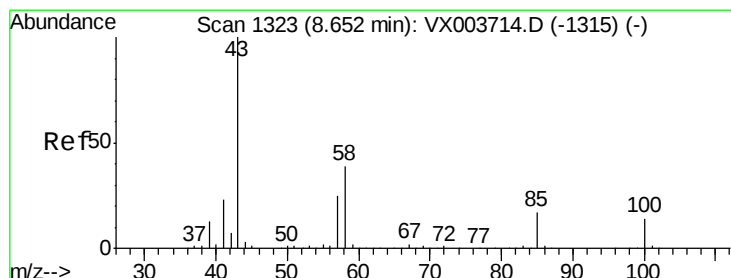
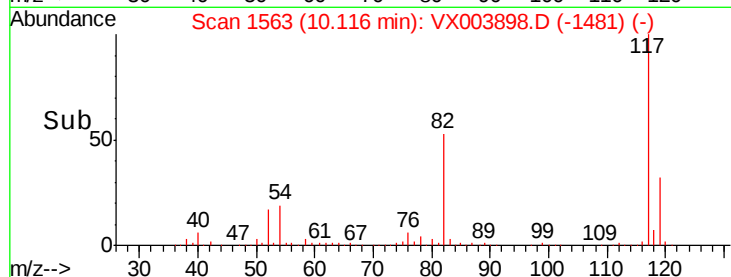
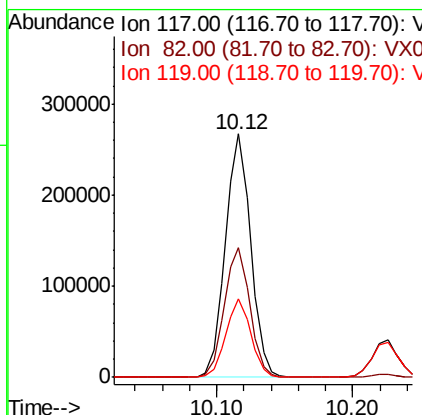
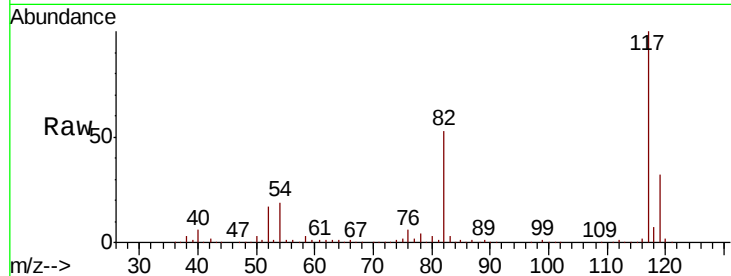
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.3	66.5
119	31.9	25.7	38.5

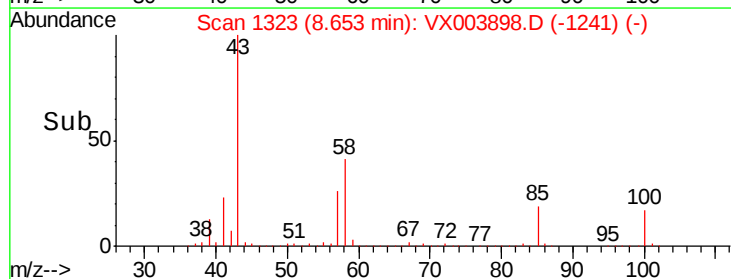
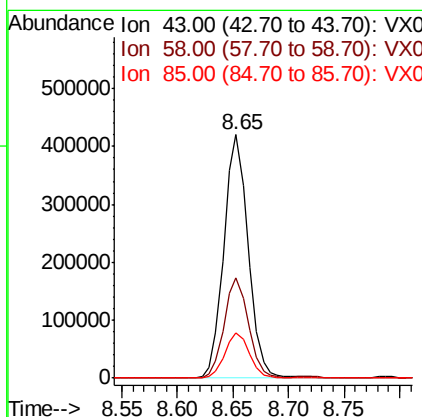
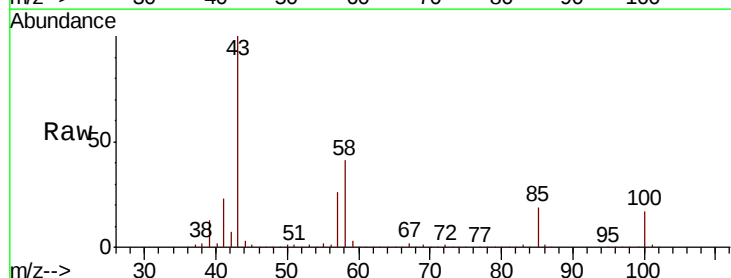
Manual Integrations
APPROVED

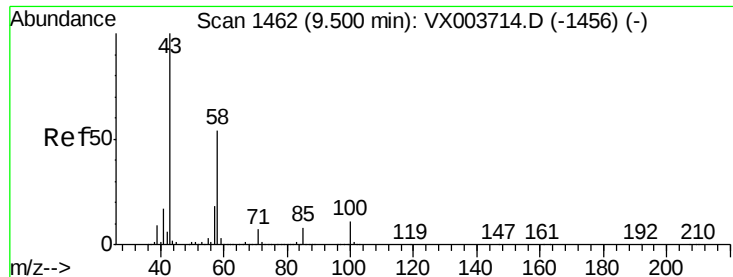
apatel
8/13/2018 5:33:55 PM



#58
4-Methyl-2-Pentanone
Concen: 97.72 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.0	28.2	42.4
85	18.6	12.4	18.6#





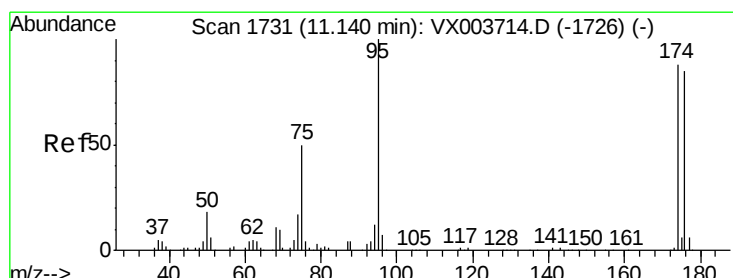
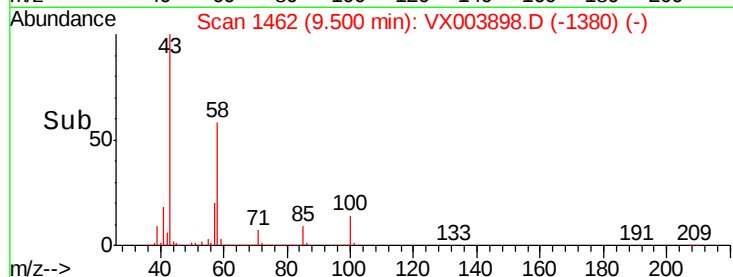
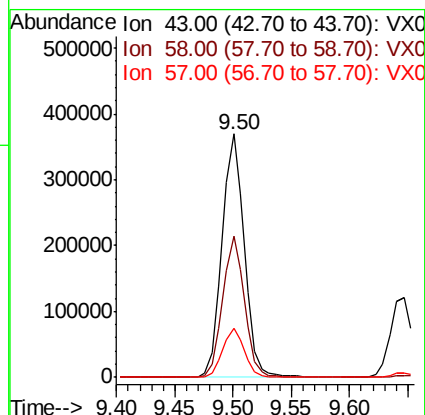
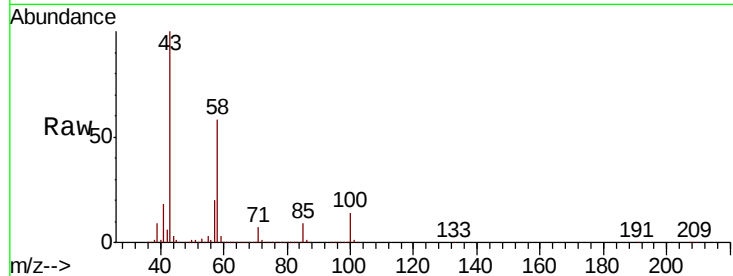
#59
2-Hexanone
Concen: 93.66 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	39.6	59.4
57	19.7	14.1	21.1

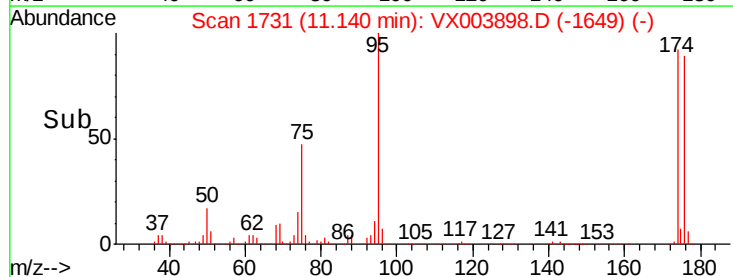
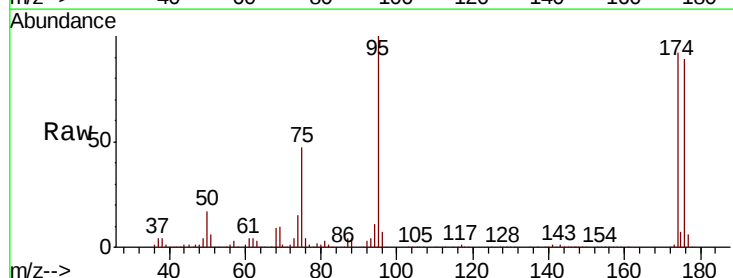
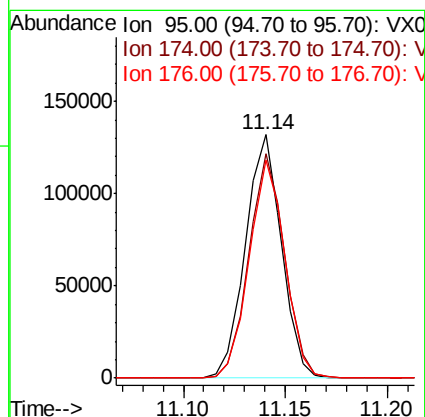
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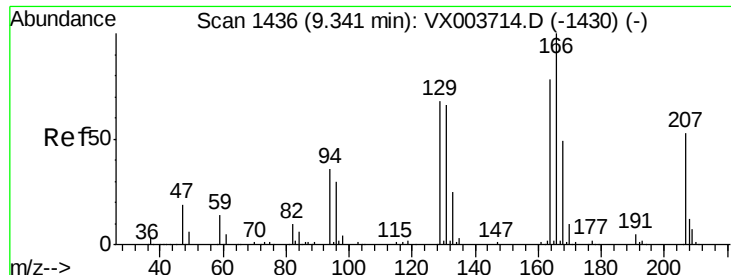
apatel
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#60
4-Bromofluorobenzene
Concen: 29.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	71.8	107.6
176	89.2	70.1	105.1





#61

Tetrachloroethene

Concen: 21.69 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion:164 Resp: 87147

Ion Ratio Lower Upper

164 100

166 127.8 102.4 153.6

129 89.7 70.1 105.1

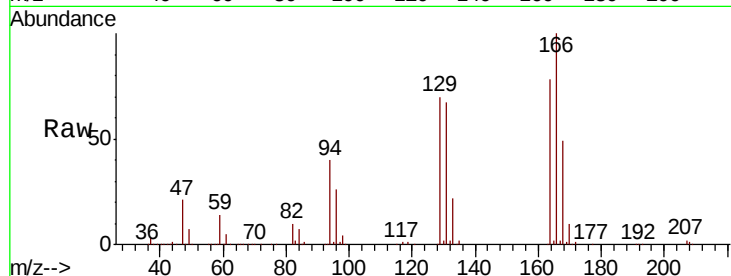
131 85.2 69.1 103.7

Manual Integrations

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apatel

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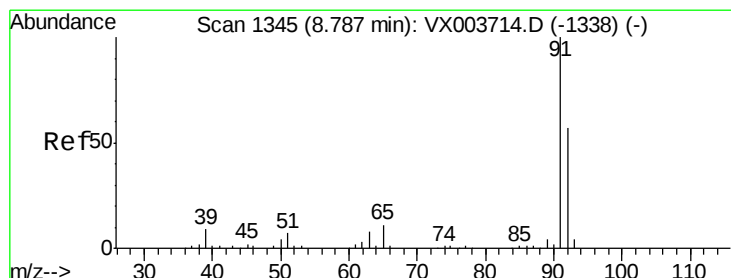
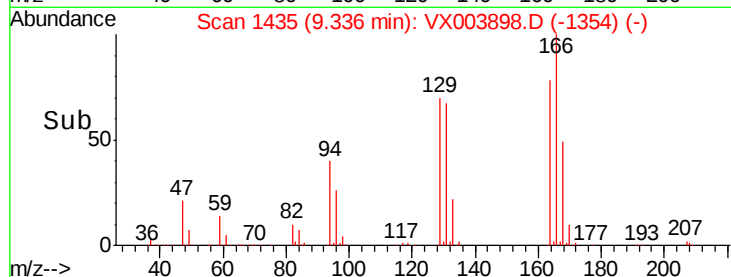
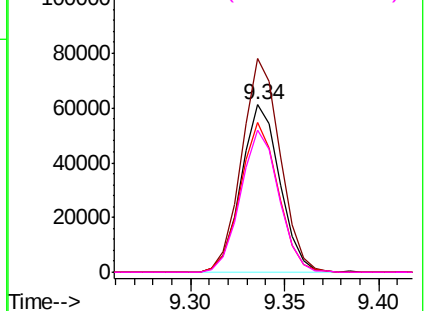


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.44 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003898.D

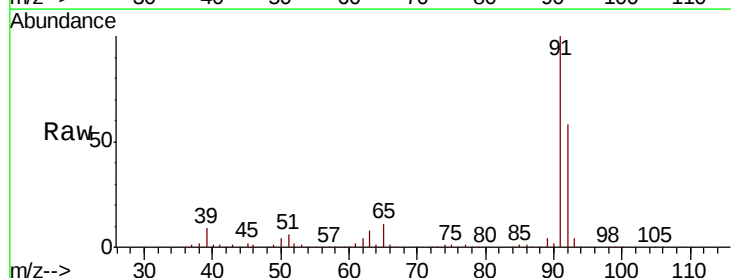
Acq: 08 Aug 2018 00:05

Tgt Ion: 91 Resp: 366282

Ion Ratio Lower Upper

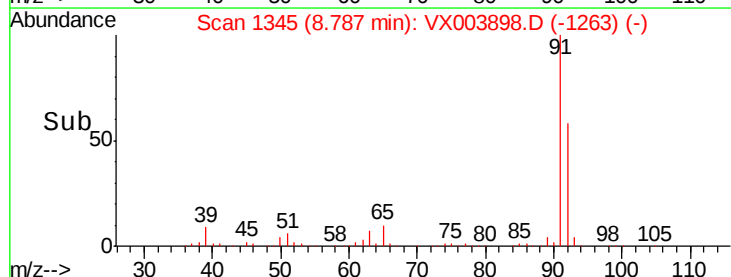
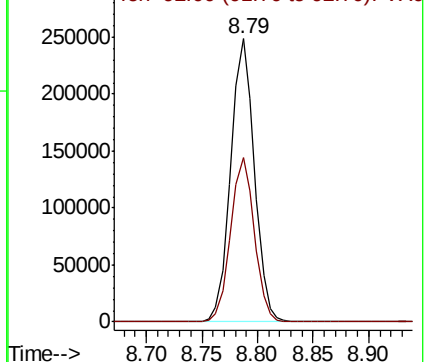
91 100

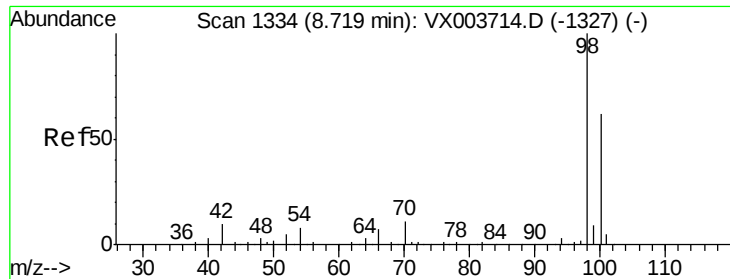
92 58.2 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





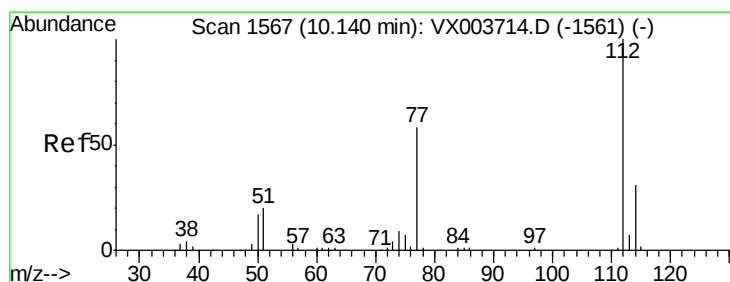
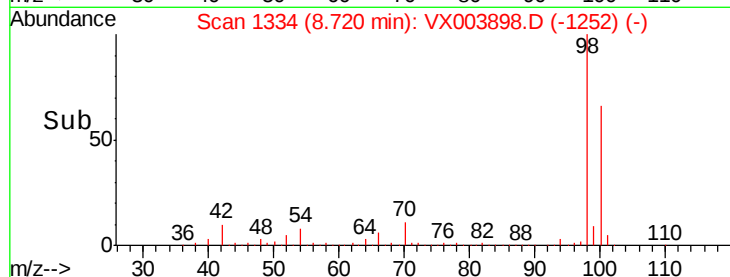
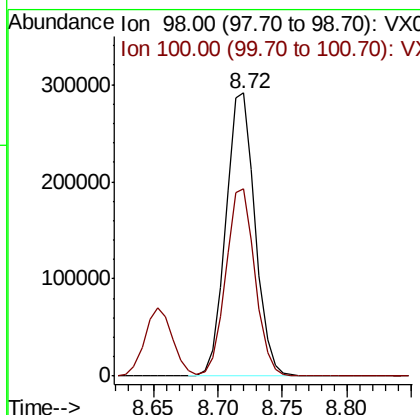
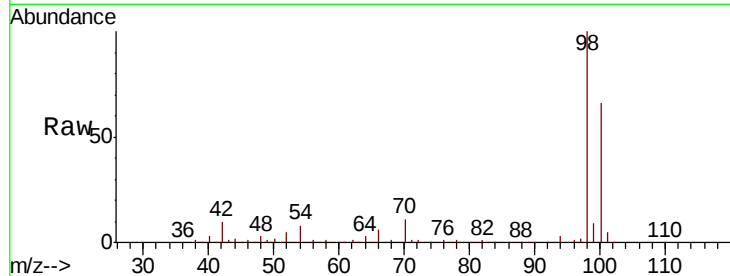
#63
Toluene-d8
Concen: 29.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion: 98 Resp: 461658
Ion Ratio Lower Upper
98 100
100 66.3 50.8 76.2

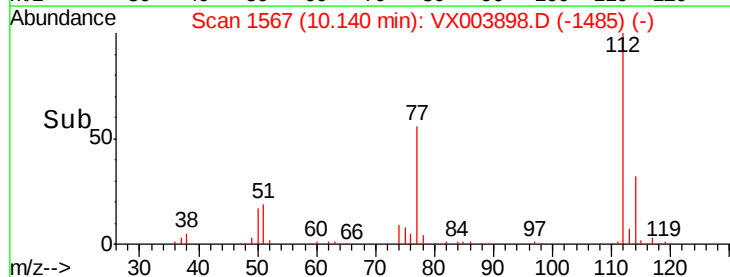
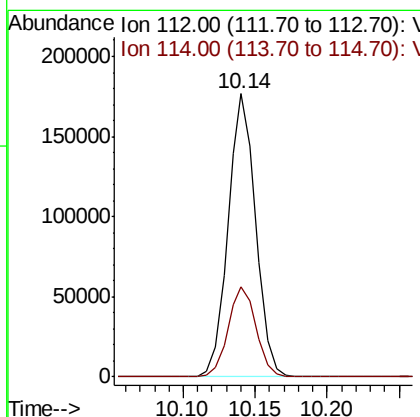
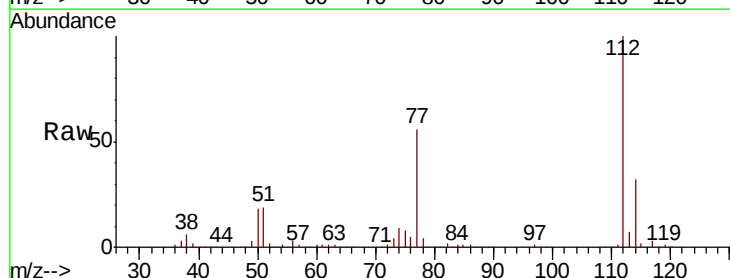
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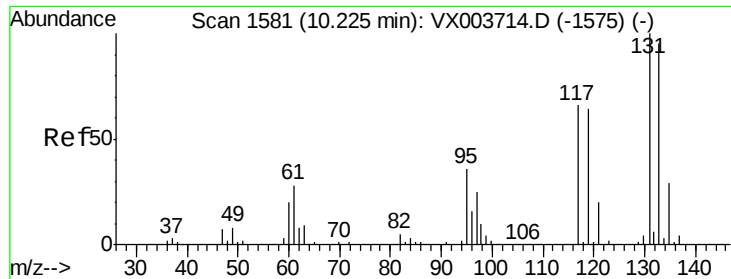
apatel
8/13/2018 5:33:55 PM



#64
Chlorobenzene
Concen: 20.50 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion: 112 Resp: 237344
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.99 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

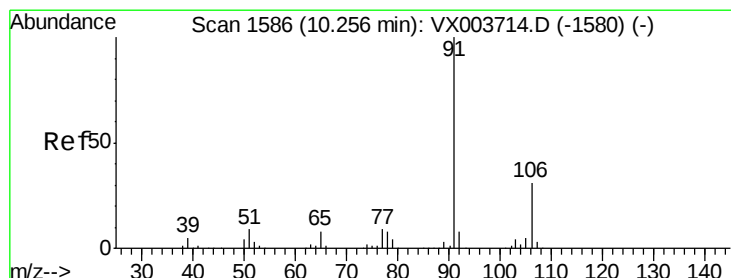
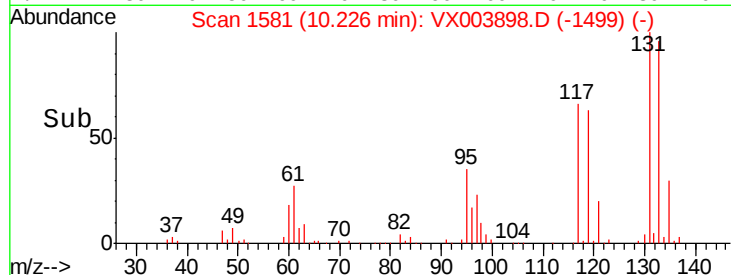
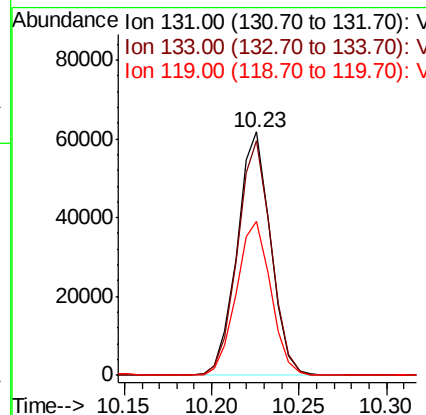
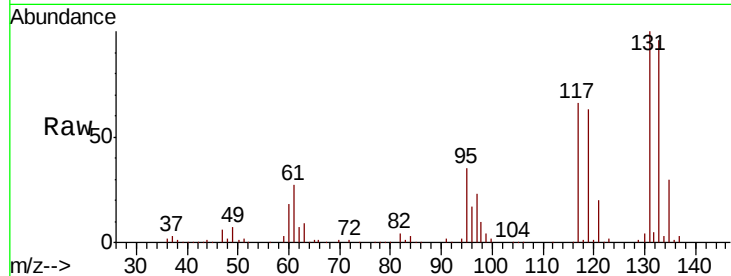
ClientSampleId :

VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.8	0.0	191.2
119	64.7	0.0	125.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.96 ug/l

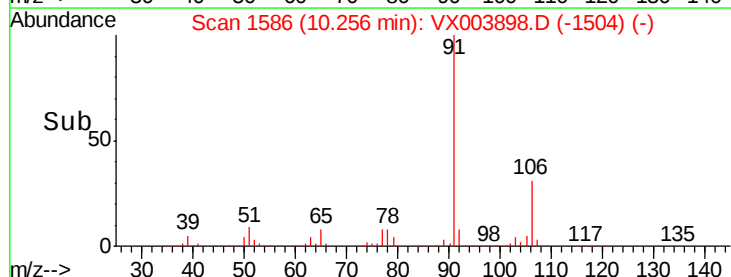
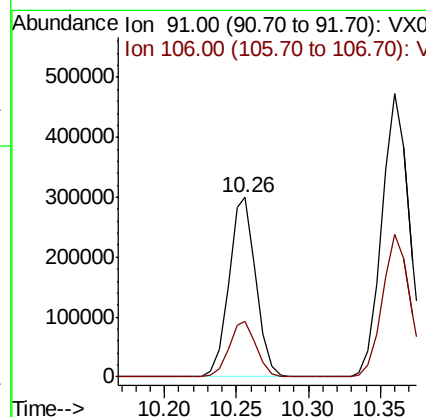
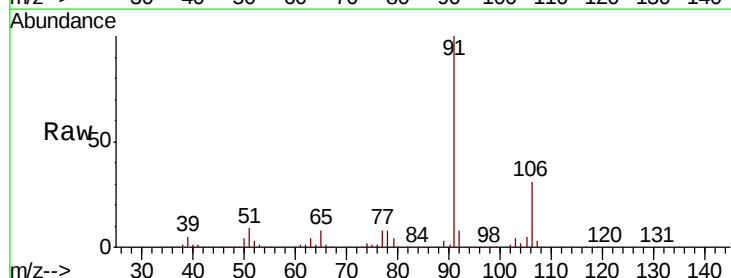
RT: 10.26 min Scan# 1586

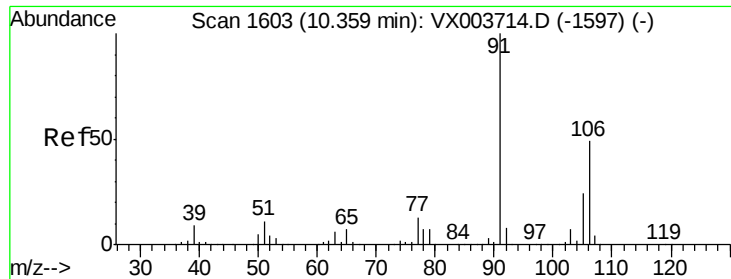
Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.2	37.8





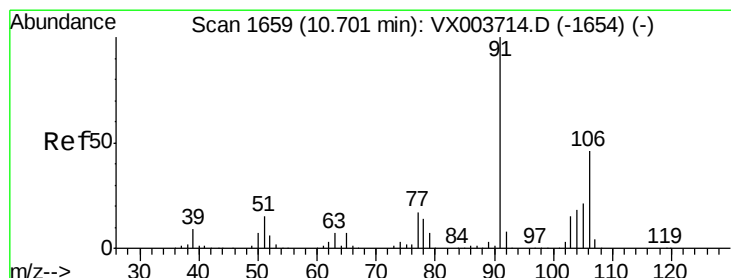
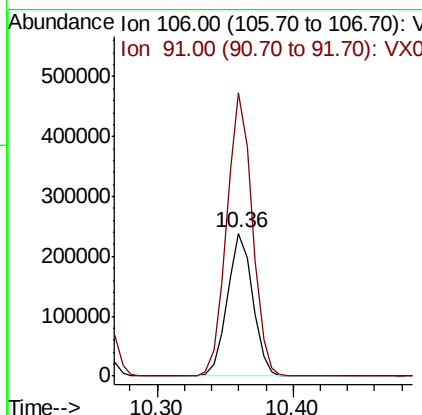
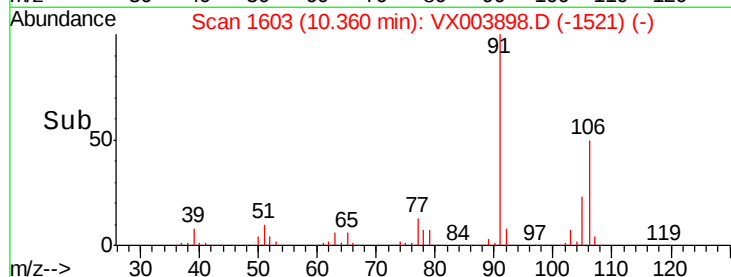
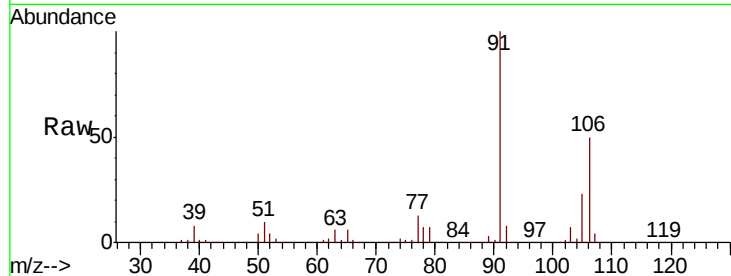
#67
m/p-Xvlenes
Concen: 40.70 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		309099		
91	199.3	164.1	246.1		

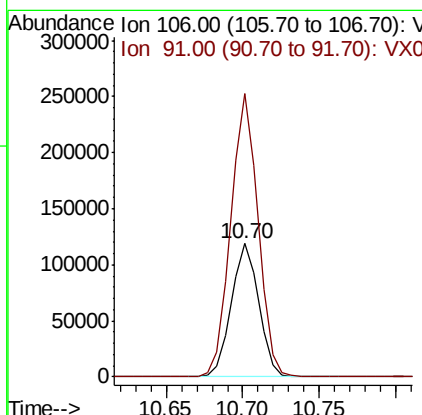
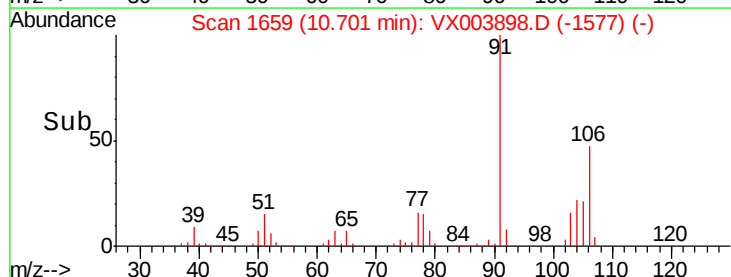
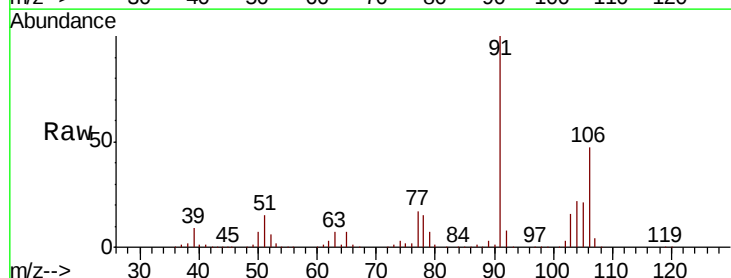
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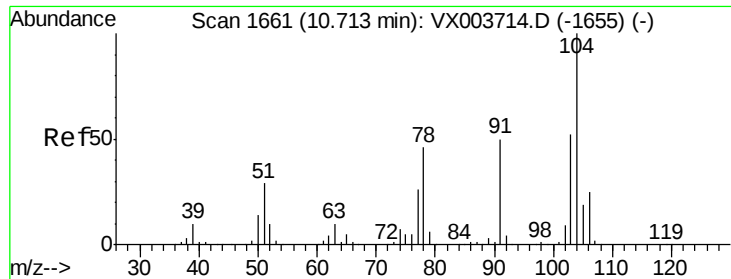
apatel
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#68
o-Xylene
Concen: 20.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		147501		
91	210.5	109.1	327.3		





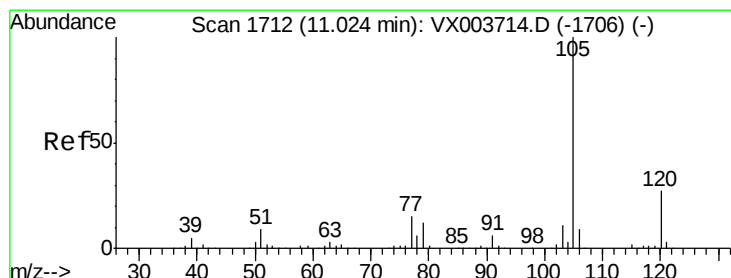
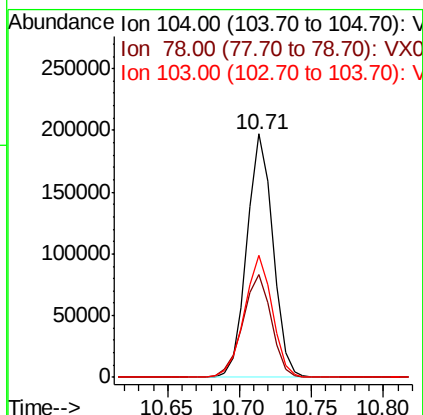
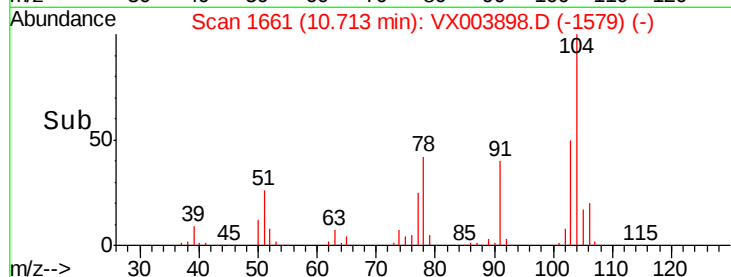
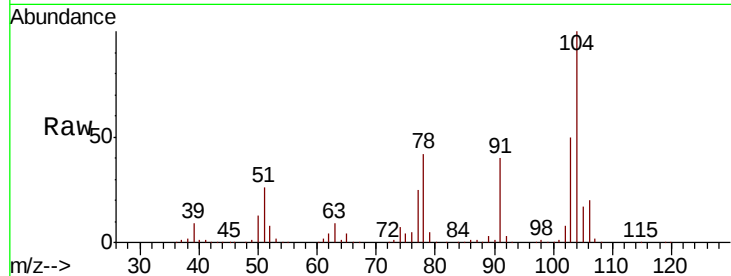
#69
Stvrene
Concen: 19.97 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.9	41.8	62.8
103	54.1	44.9	67.3

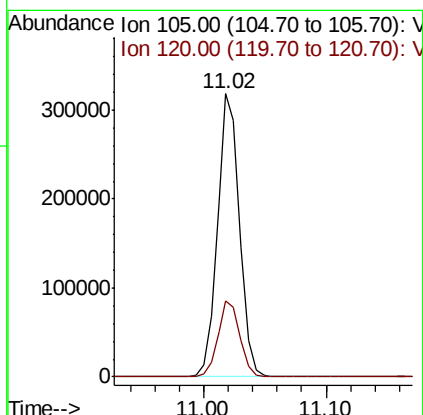
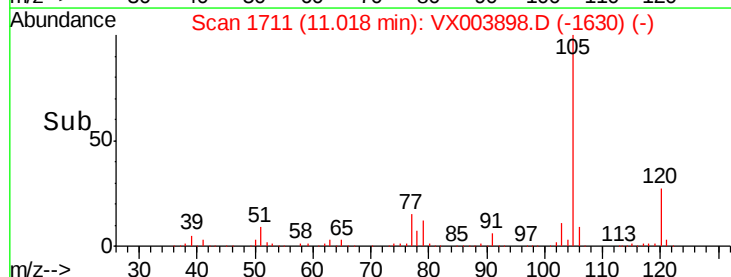
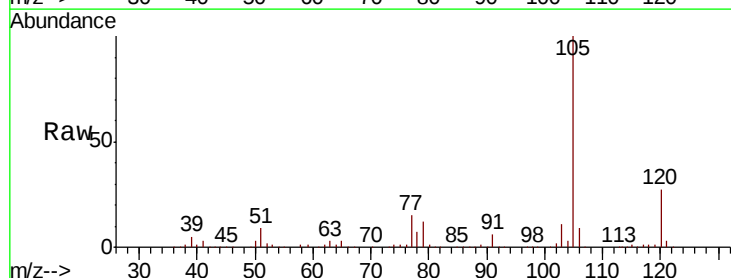
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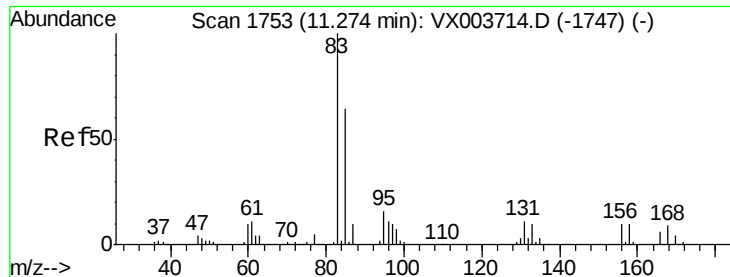
apatel
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#70
Isopropylbenzene
Concen: 19.84 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	19.0	35.2





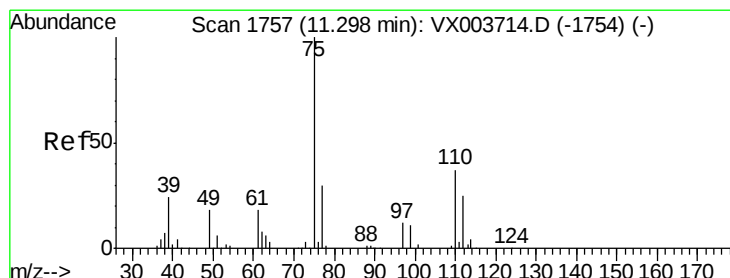
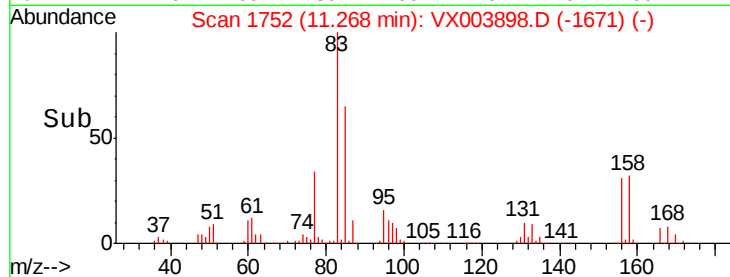
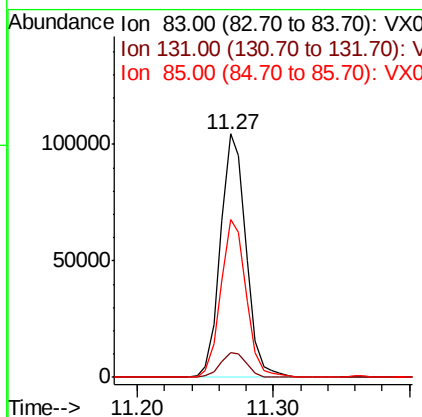
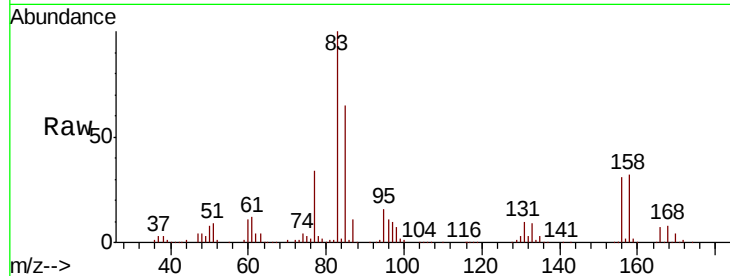
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.12 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.5	5.4	16.2	
85	64.2	32.4	97.2	

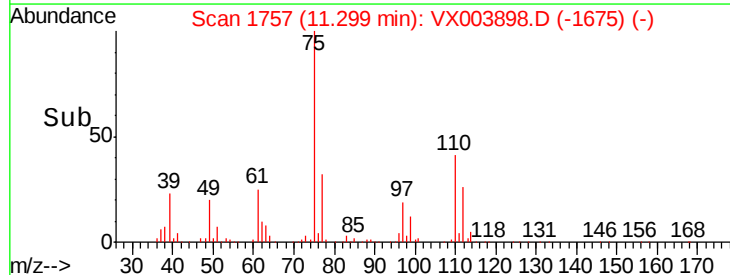
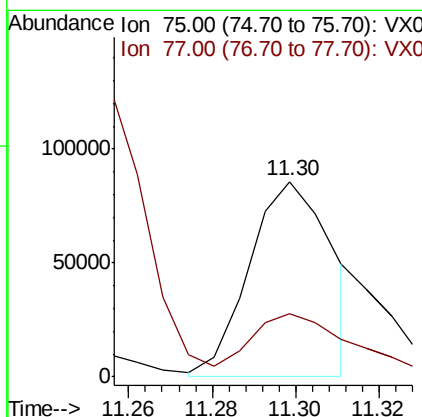
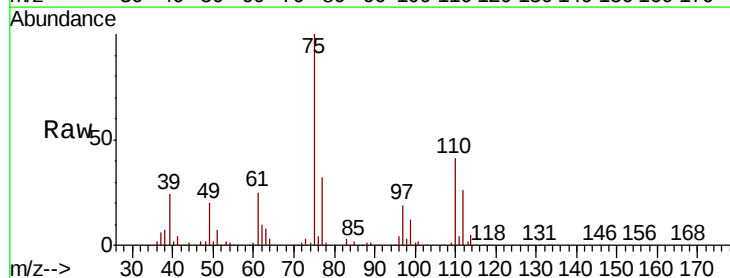
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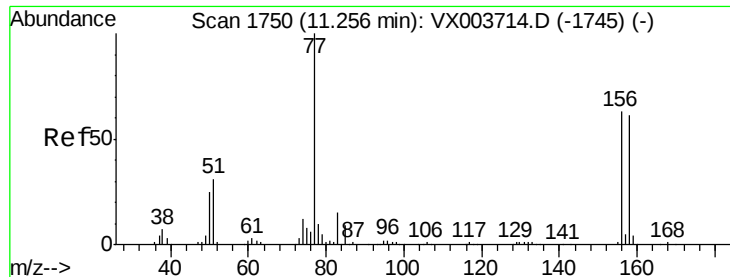
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 19.87 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	39.8	0.0	71.8	





#73

Bromobenzene

Concen: 19.44 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

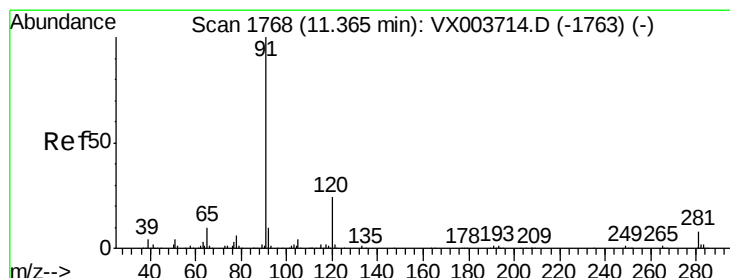
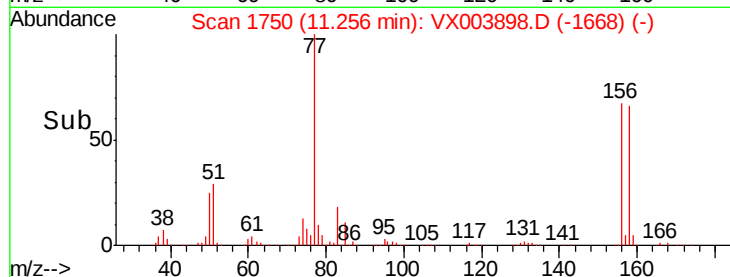
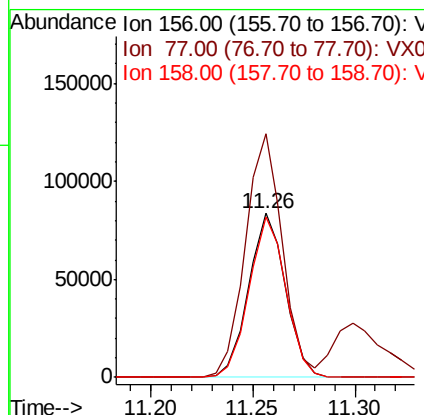
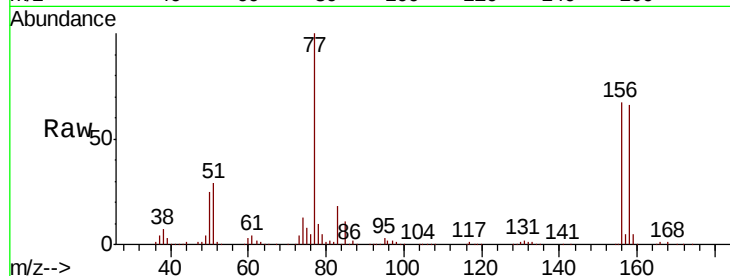
ClientSampleId :

VX0807WBSD02

Tot Ion:	156	Resp:	104795
Ion Ratio	Lower	Upper	
156	100		
77	148.9	0.0	301.0
158	97.9	0.0	196.2

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#74

n-propylbenzene

Concen: 19.30 ug/l

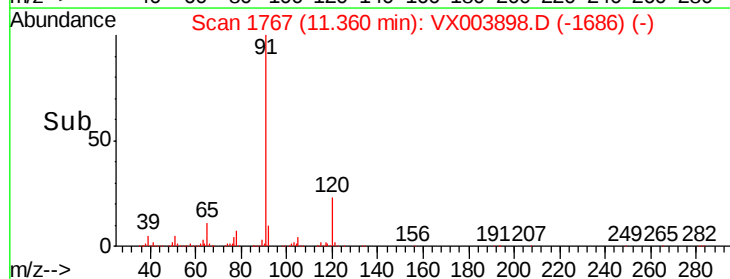
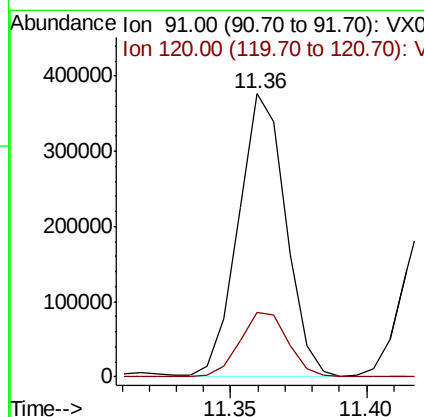
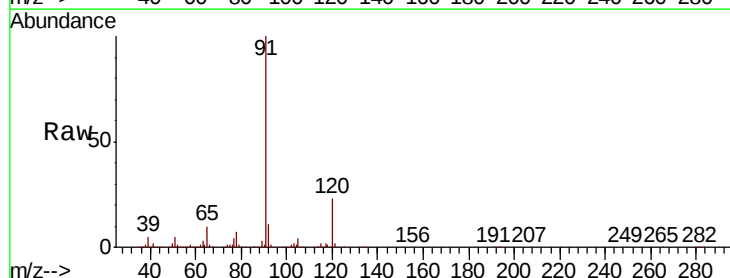
RT: 11.36 min Scan# 1767

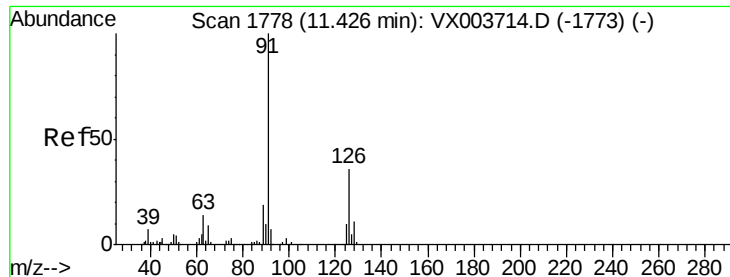
Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion:	91	Resp:	454738
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 91 Resp: 276515

Ion Ratio Lower Upper

91 100

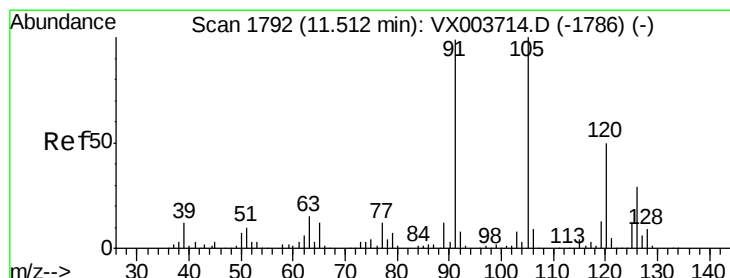
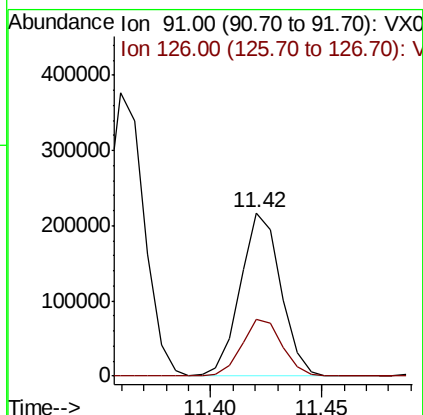
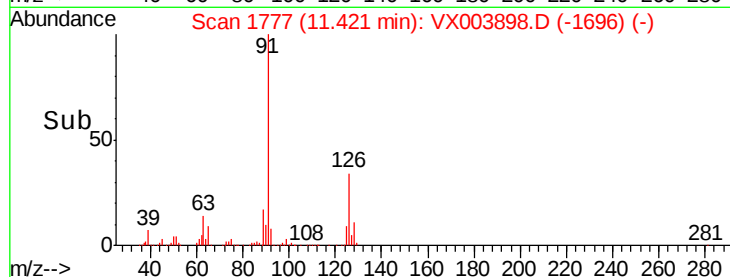
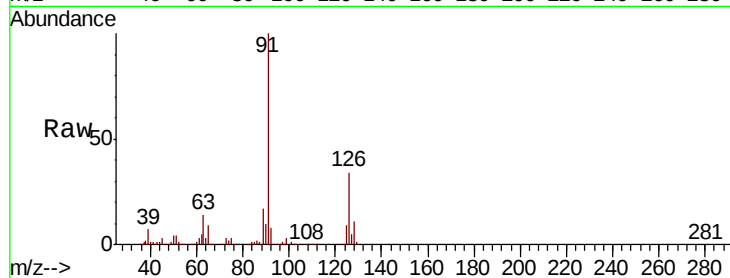
126 34.8 0.0 69.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.44 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003898.D

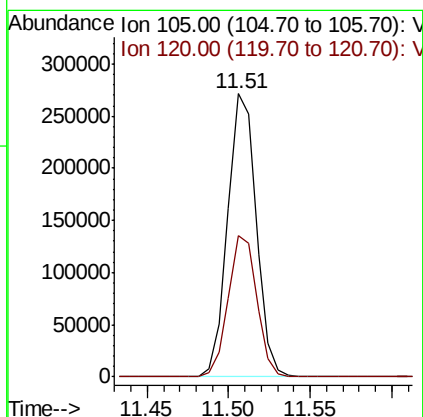
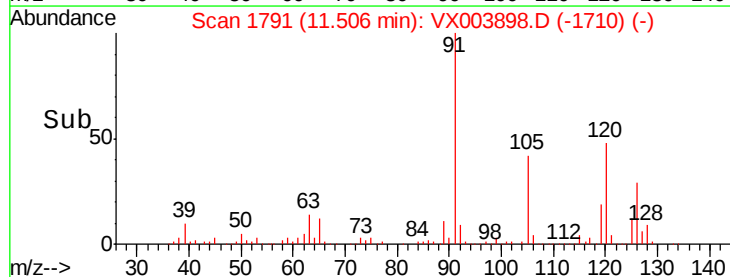
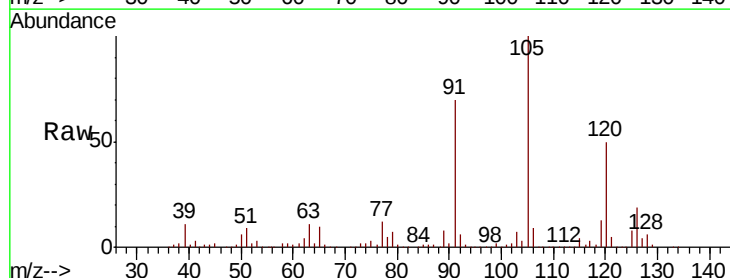
Acq: 08 Aug 2018 00:05

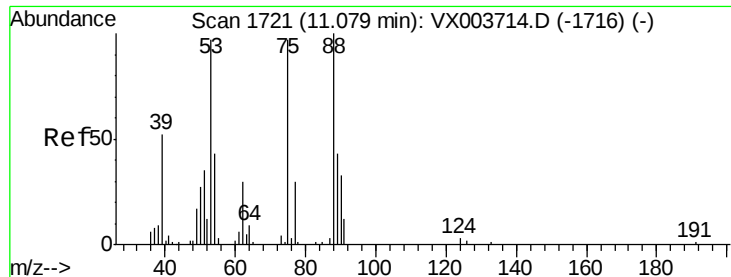
Tgt Ion: 105 Resp: 329985

Ion Ratio Lower Upper

105 100

120 50.2 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 15.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD02

Tot Ion: 75 Resp: 31908

Ion Ratio Lower Upper

75 100

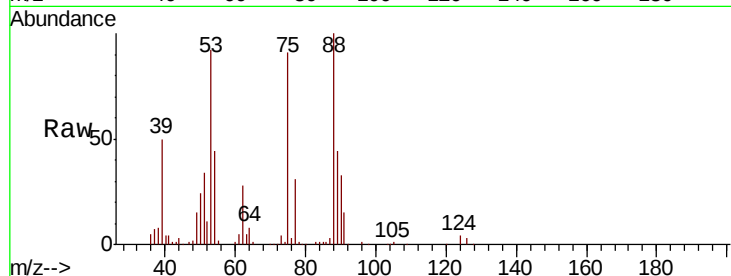
53 101.2 48.3 144.9

89 48.6 21.8 65.4

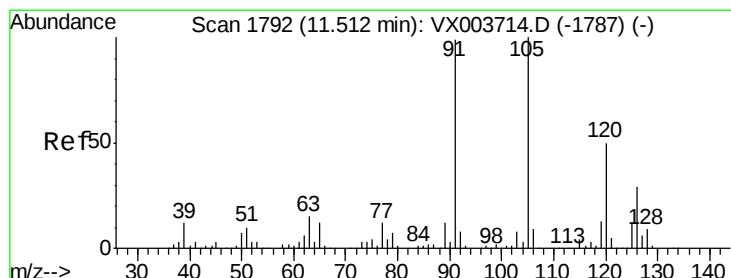
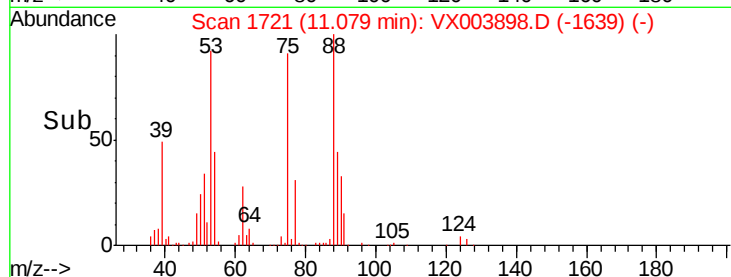
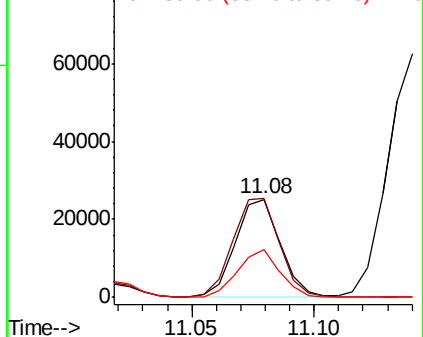
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003898.D

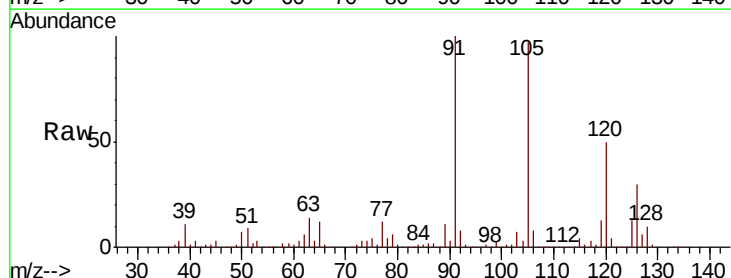
Acq: 08 Aug 2018 00:05

Tgt Ion: 91 Resp: 310016

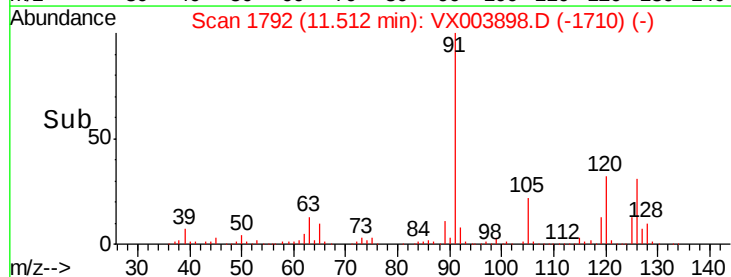
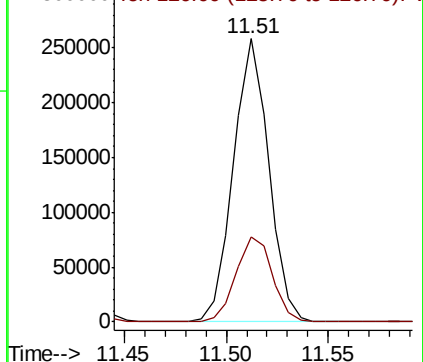
Ion Ratio Lower Upper

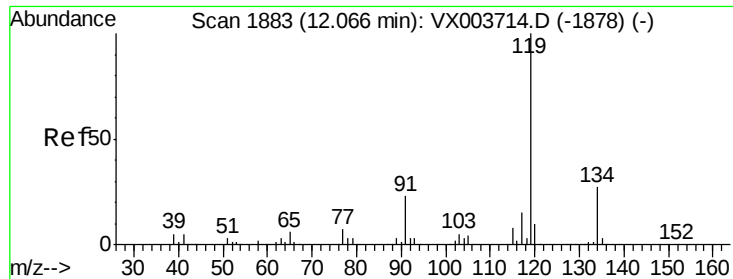
91 100

126 31.1 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Instrument :

MSVOA_X

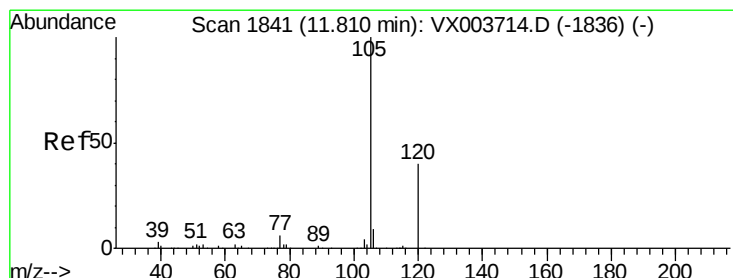
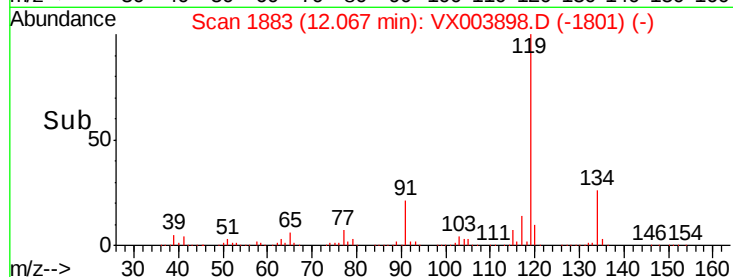
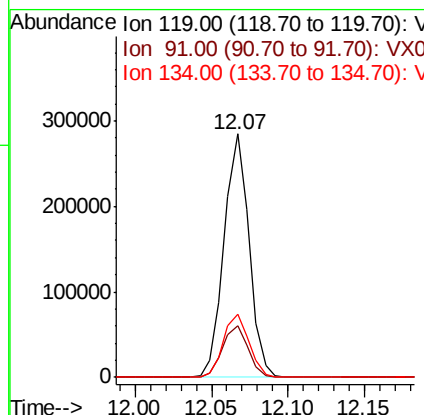
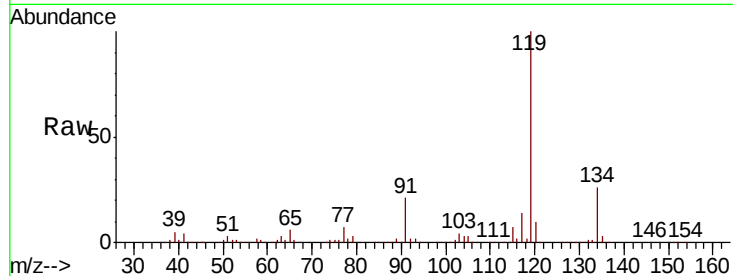
ClientSampleId :

VX0807WBSD02

Tot Ion:	119	Resp:	323291
Ion Ratio	Lower	Upper	
119	100		
91	21.6	0.0	48.0
134	26.6	0.0	52.6

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#80

1,2,4-Trimethylbenzene

Concen: 19.56 ug/l

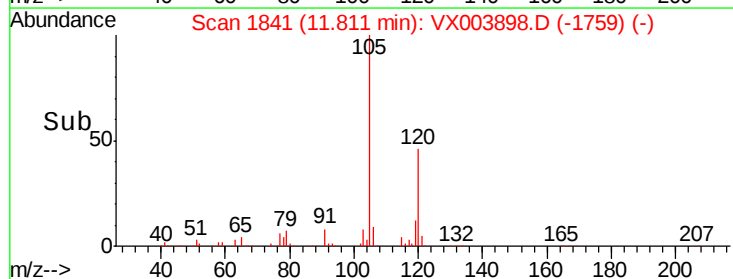
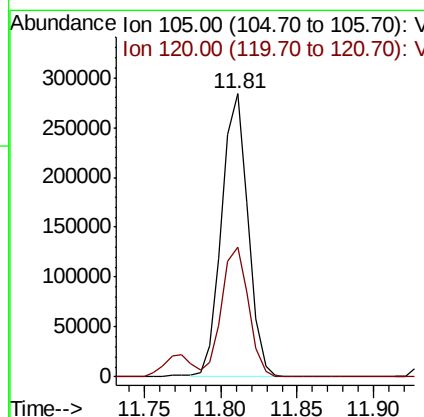
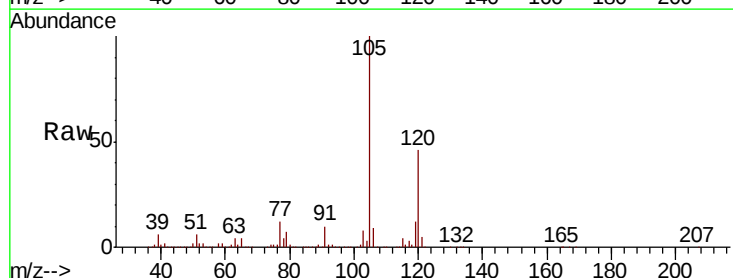
RT: 11.81 min Scan# 1841

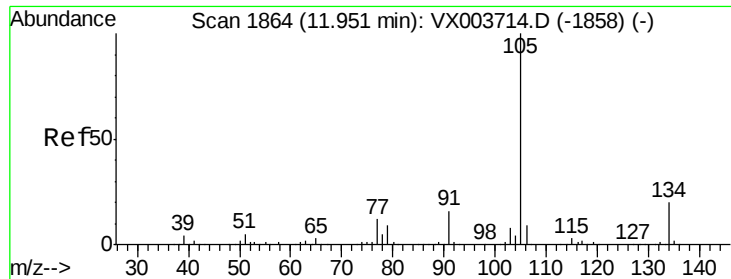
Delta R.T. 0.00 min

Lab File: VX003898.D

Acq: 08 Aug 2018 00:05

Tgt Ion:	105	Resp:	339695
Ion Ratio	Lower	Upper	
105	100		
120	46.6	0.0	89.2





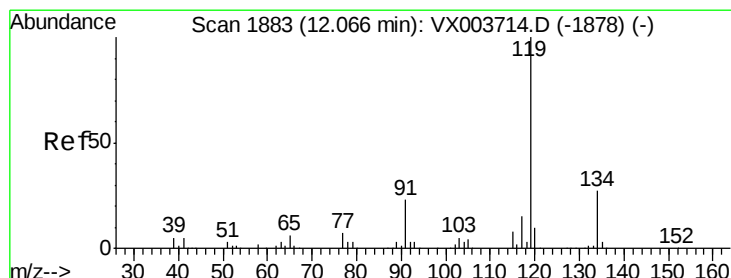
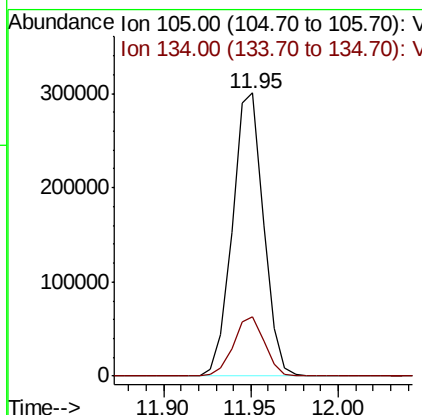
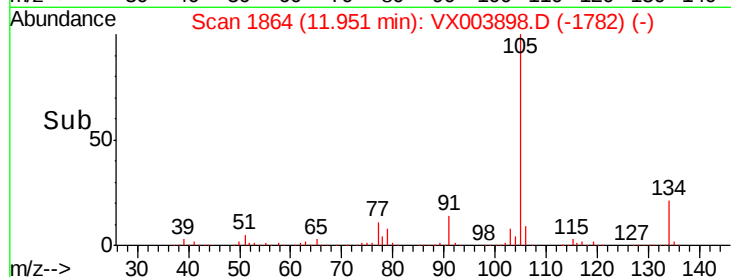
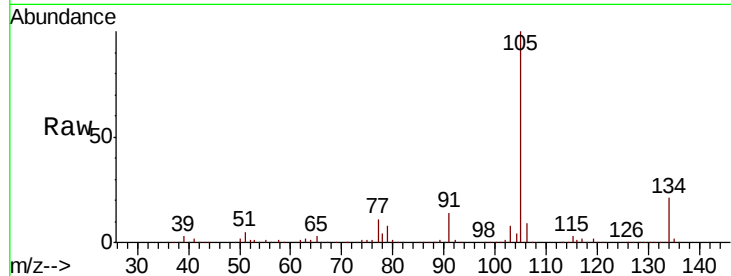
#81
 sec-Butylbenzene
 Concen: 18.79 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion:105 Resp: 371474
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.6

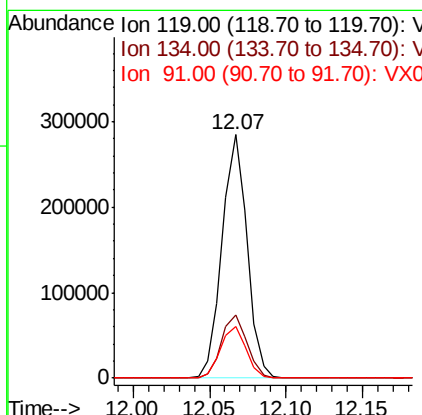
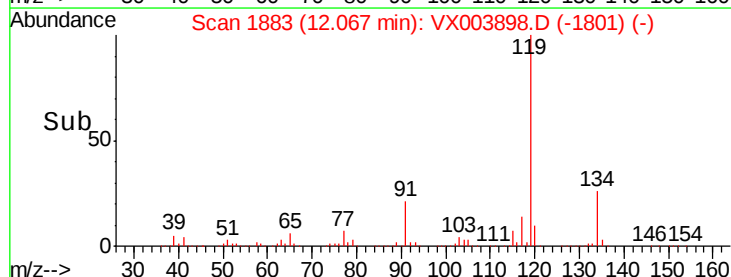
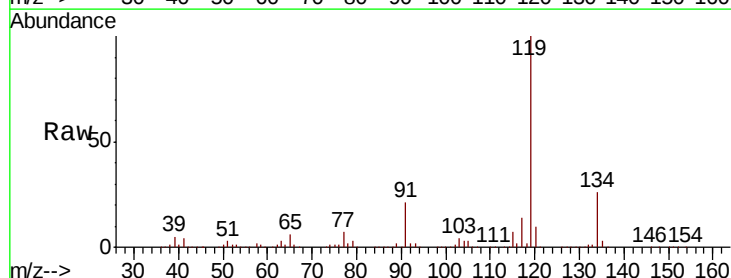
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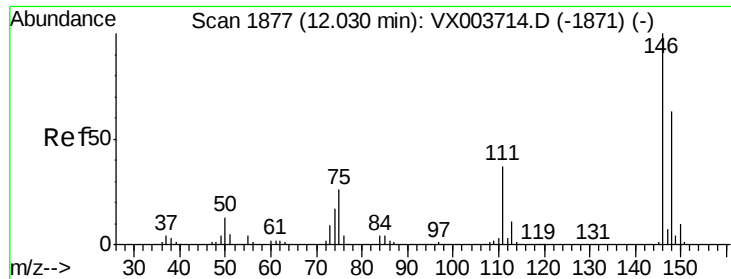
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#82
 p-Isopropyltoluene
 Concen: 18.51 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion:119 Resp: 323291
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.6
 91 21.6 0.0 48.0





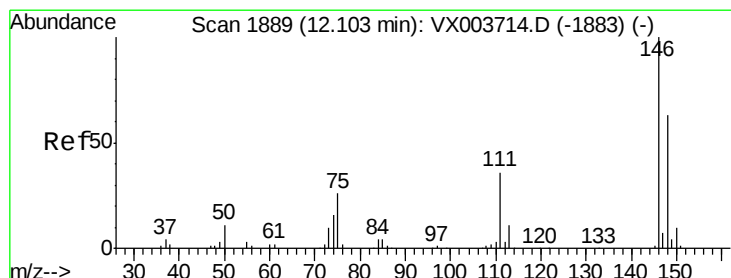
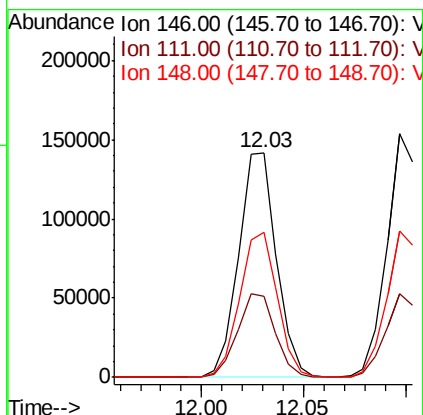
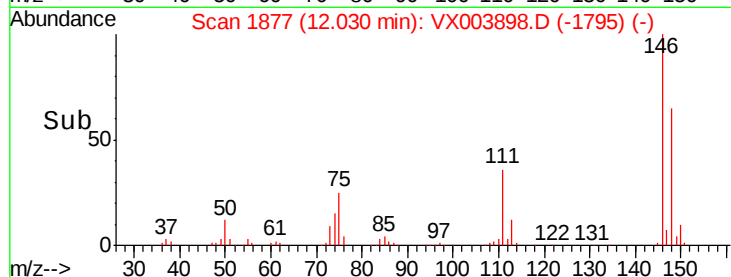
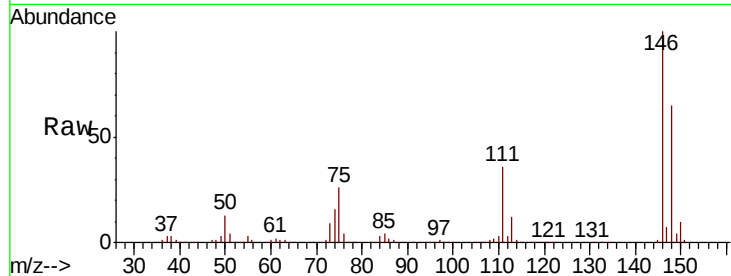
#83
 1,3-Dichlorobenzene
 Concen: 18.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.5
148	64.4	31.9	95.7

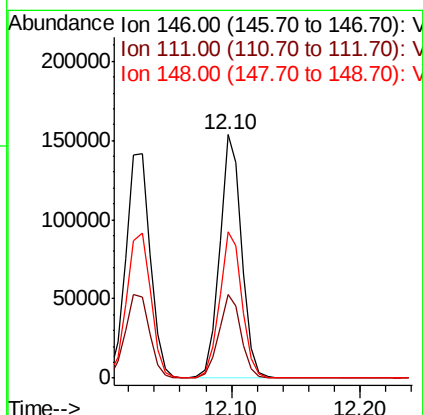
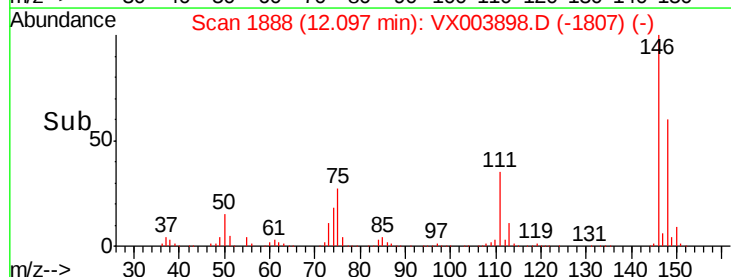
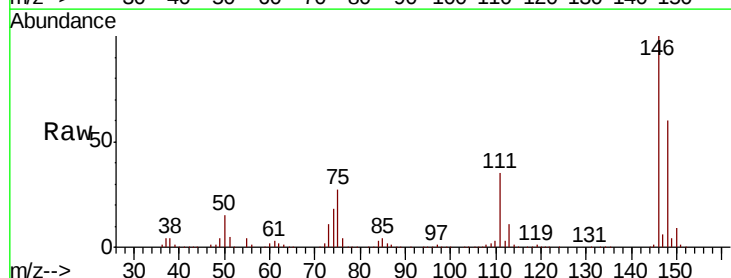
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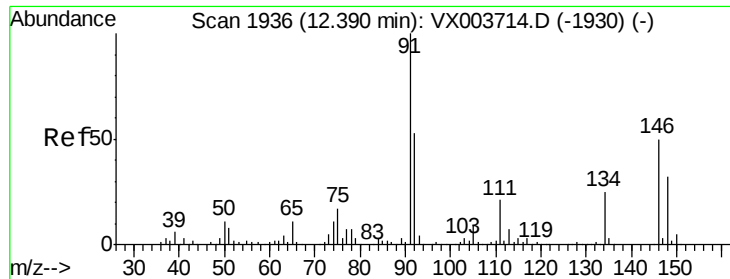
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#84
 1,4-Dichlorobenzene
 Concen: 18.60 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	18.5	55.5
148	60.8	32.0	96.0





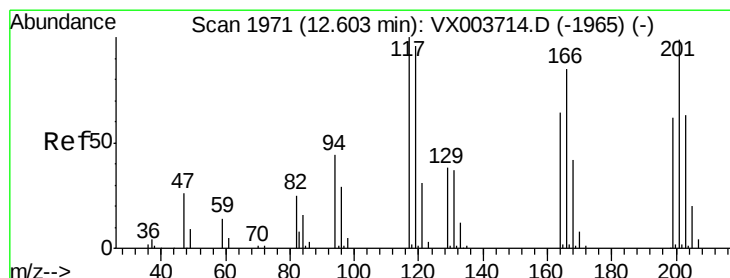
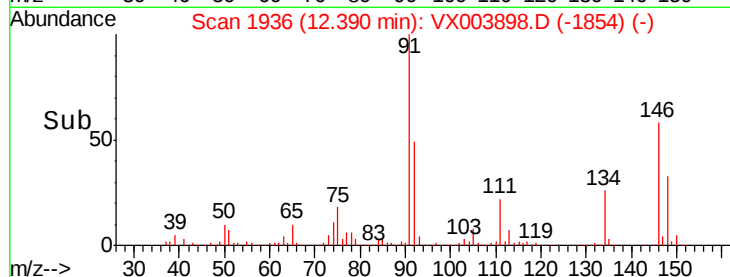
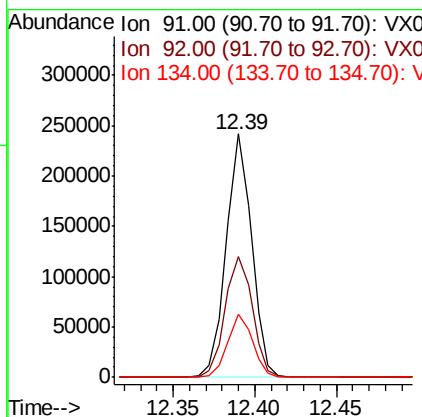
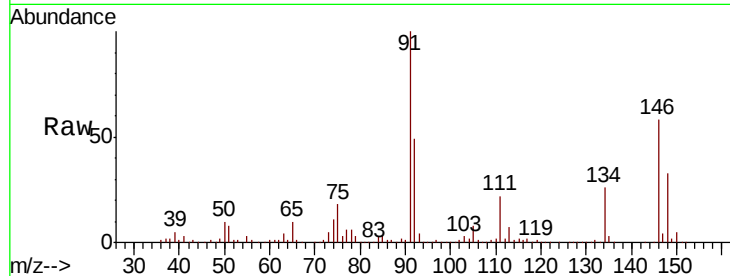
#85
n-Butylbenzene
Concen: 16.98 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	263198		
92	53.1	0.0	105.2	
134	25.8	0.0	53.2	

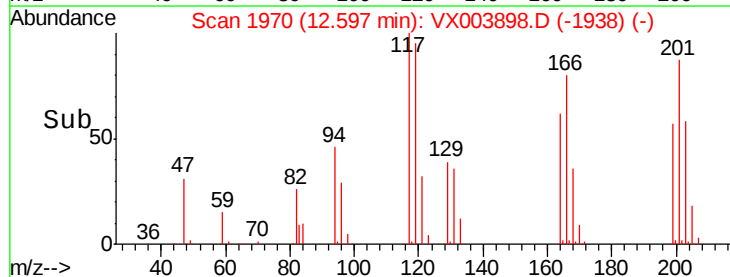
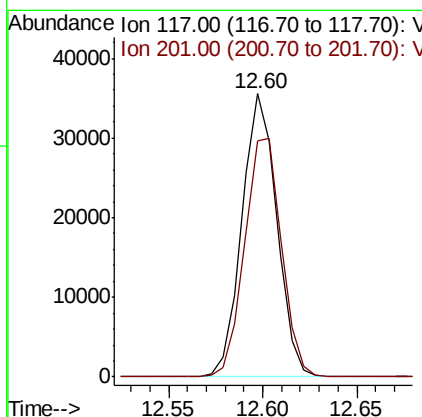
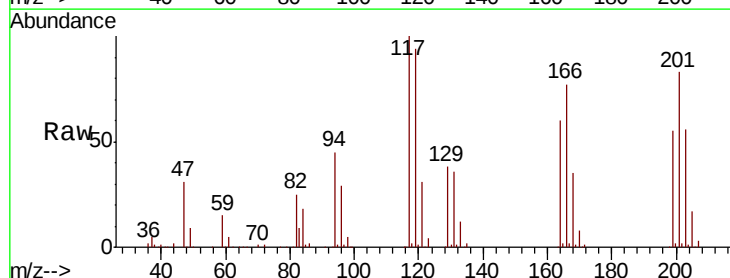
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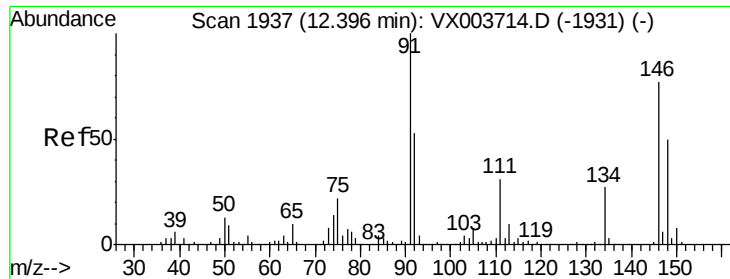
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#86
Hexachloroethane
Concen: 16.22 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45642		
201	89.0	47.6	142.8	





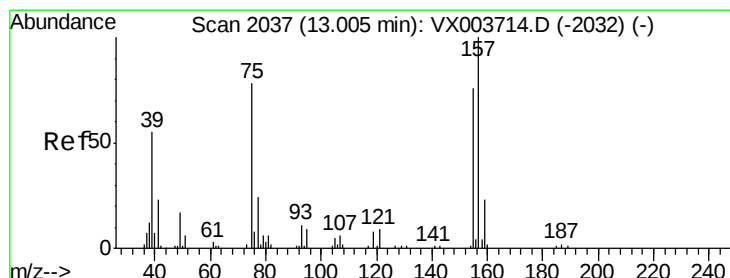
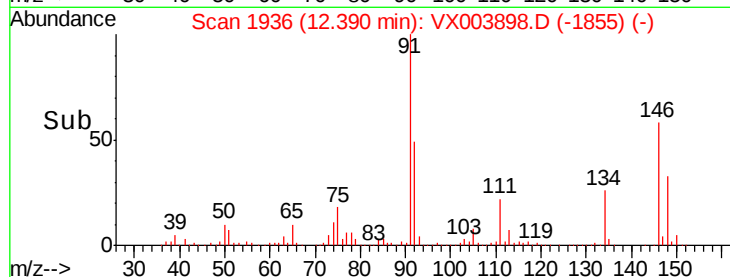
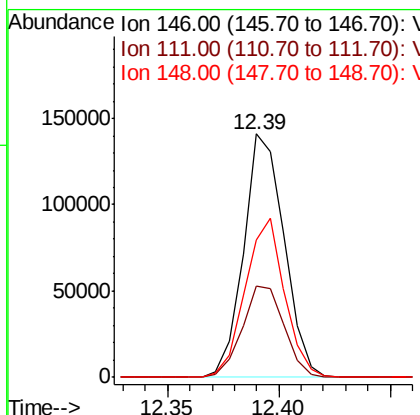
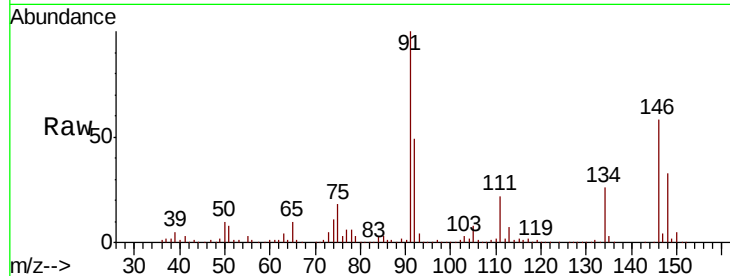
#87
 1,2-Dichlorobenzene
 Concen: 18.14 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	63.3	32.8	98.3

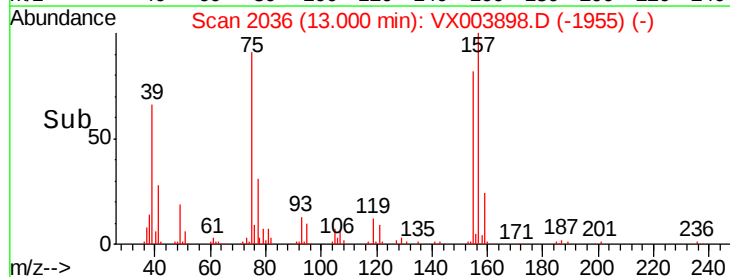
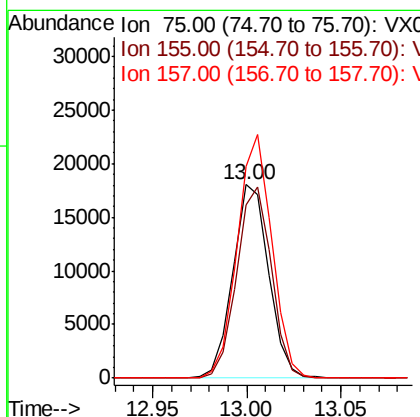
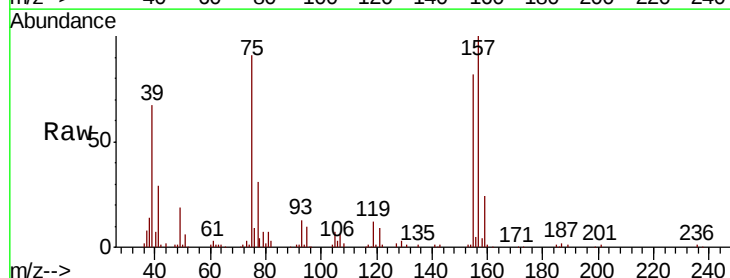
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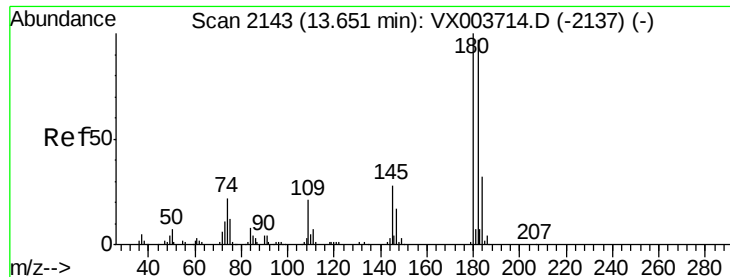
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.78 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	73.1	109.7
157	121.5	93.1	139.7





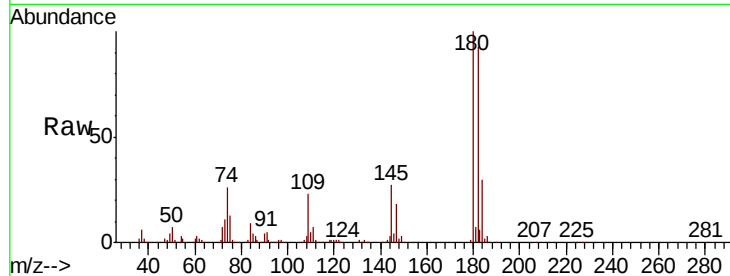
#89
 1,2,4-Trichlorobenzene
 Concen: 18.81 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

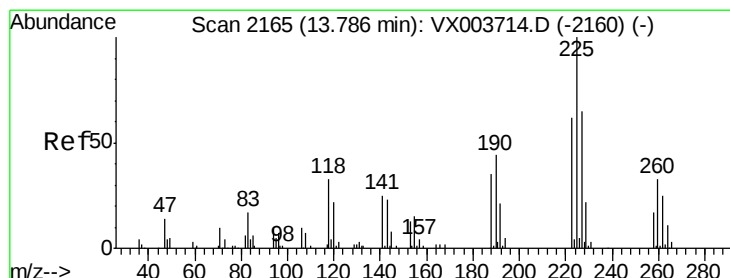
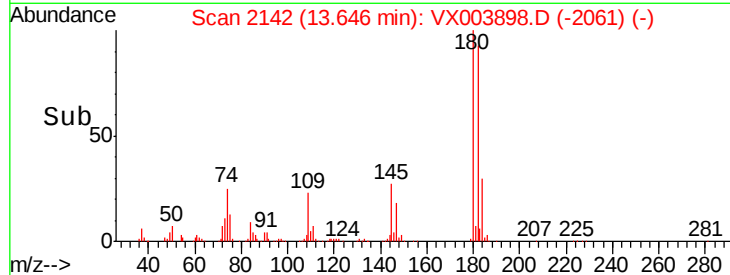
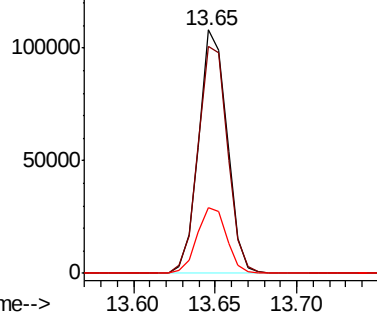
Tot Ion:	180	Resp:	130535
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.4	114.6
145	27.9	22.9	34.3

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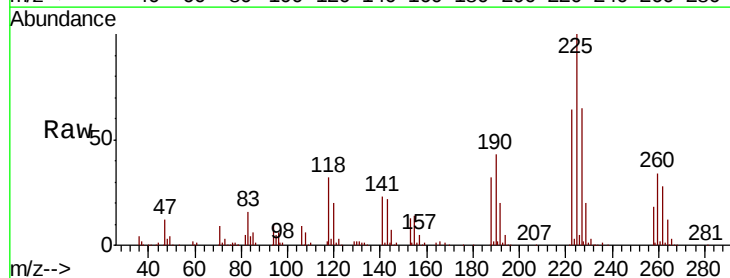


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

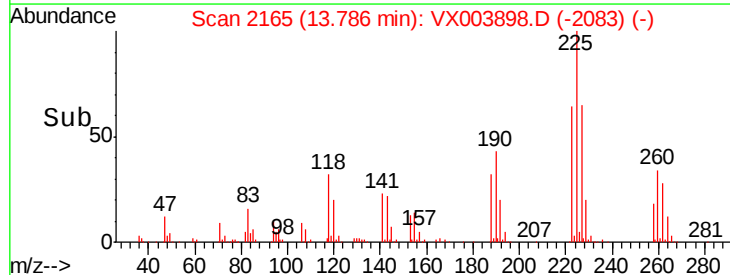
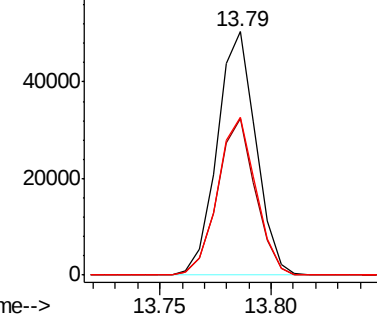


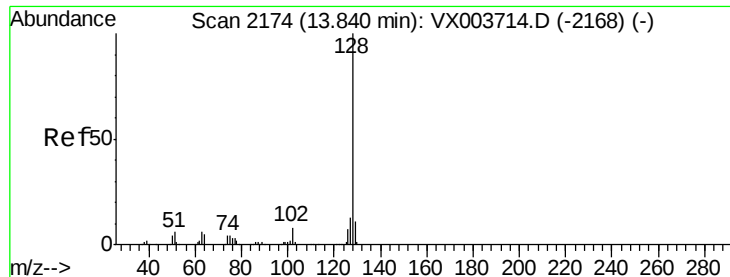
#90
 Hexachlorobutadiene
 Concen: 19.41 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003898.D
 Acq: 08 Aug 2018 00:05

Tgt Ion:	225	Resp:	61041
Ion Ratio	Lower	Upper	
225	100		
223	62.6	0.0	122.4
227	64.5	0.0	128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





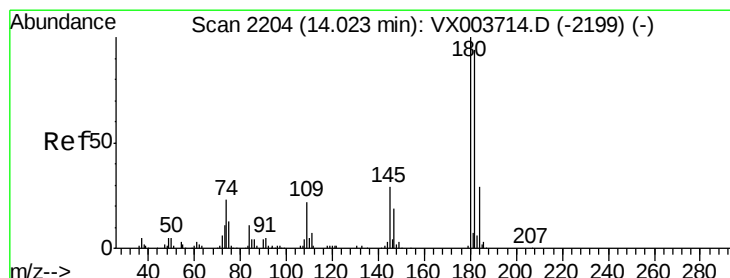
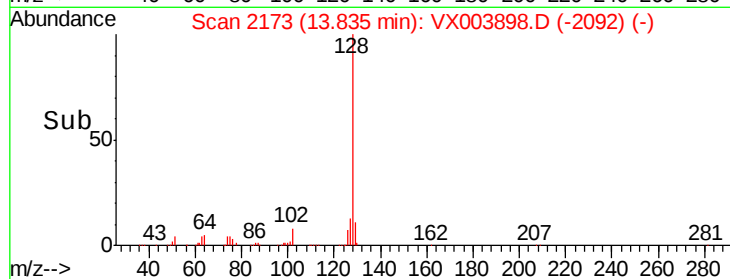
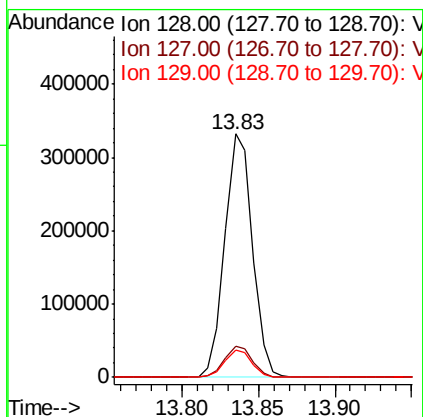
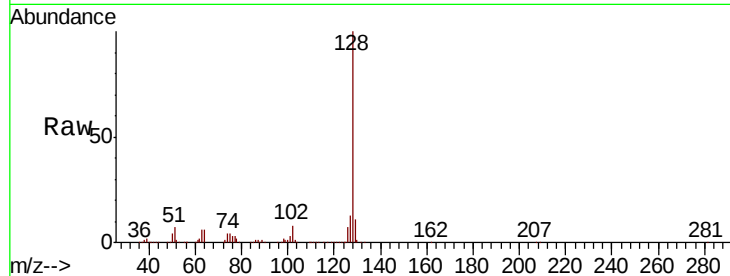
#91
Naphthalene
Concen: 19.59 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.86 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003898.D
Acq: 08 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	191.0
145	30.3	0.0	60.6

