

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005250.D
 Acq On : 11 Oct 2018 12:34
 Operator : JC/MD
 Sample : VX1010WBS08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:06 AM

Quant Time: Oct 11 13:47:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128807	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	
35) Dibromofluoromethane	5.51	113	103468	38.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.92%	
50) Toluene-d8	8.72	98	371857	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
62) 4-Bromofluorobenzene	11.14	95	138695	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	48593	16.37	ug/l	98
3) Chloromethane	1.32	50	54738	15.20	ug/l	99
4) Vinyl Chloride	1.40	62	53952	15.98	ug/l	100
5) Bromomethane	1.64	94	31667	15.81	ug/l	96
6) Chloroethane	1.72	64	36778	18.52	ug/l	97
7) Trichlorofluoromethane	1.93	101	71759	17.17	ug/l	95
8) Diethyl Ether	2.19	74	27711	15.26	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39189	16.46	ug/l	100
10) Methyl Iodide	2.51	142	42742	13.41	ug/l	91
11) Tert butyl alcohol	3.07	59	73761	84.85	ug/l	100
12) 1,1-Dichloroethene	2.37	96	38104	16.16	ug/l	98
13) Acrolein	2.29	56	39213	63.40	ug/l	90
14) Allyl chloride	2.73	41	84678	16.46	ug/l	96
15) Acrylonitrile	3.15	53	155999	81.52	ug/l	94
16) Acetone	2.45	43	158010	87.05	ug/l	94
17) Carbon Disulfide	2.57	76	103553	14.61	ug/l	99
18) Methyl Acetate	2.78	43	89368	19.43	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	138617	17.04	ug/l	95
20) Methylene Chloride	2.85	84	43876	16.06	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	40116	15.54	ug/l	89
22) Diisopropyl ether	3.87	45	132840	15.33	ug/l	95
23) Vinyl Acetate	3.82	43	651786	82.18	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	81307	15.73	ug/l	100
25) 2-Butanone	4.71	43	208323	77.86	ug/l #	89
26) 2,2-Dichloropropane	4.58	77	57927	16.09	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	41732	14.47	ug/l	94
28) Bromochloromethane	5.02	49	32775	13.47	ug/l	100
29) Tetrahydrofuran	5.17	42	131460	79.05	ug/l	98
30) Chloroform	5.21	83	73376	15.02	ug/l	100
31) Cyclohexane	5.58	56	59226	14.97	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	63343	15.88	ug/l	95
36) 1,1-Dichloropropene	5.80	75	52130	14.39	ug/l	94
37) Ethyl Acetate	4.86	43	70655	14.69	ug/l	98
38) Carbon Tetrachloride	5.78	117	55132	14.47	ug/l	96

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

39) Methylcyclohexane	7.46	83	56425	15.25	ug/l #	85
40) Benzene	6.15	78	164789	14.53	ug/l	94
41) Methacrylonitrile	5.06	41	38472	14.42	ug/l #	96
42) 1,2-Dichloroethane	6.21	62	61285	15.28	ug/l	97
43) Isopropyl Acetate	6.46	43	98533	14.19	ug/l	96
44) Trichloroethene	7.21	130	42273	15.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	43055	15.48	ug/l	93
46) Dibromomethane	7.66	93	27849	15.93	ug/l	98
47) Bromodichloromethane	7.90	83	53661	16.39	ug/l	96
48) Methyl methacrylate	7.78	41	51930	16.48	ug/l	98
49) 1,4-Dioxane	7.76	88	25222	322.17	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	367411	84.05	ug/l	98
52) Toluene	8.79	92	101134	16.22	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	57643	15.58	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	63908	16.49	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	42426	15.54	ug/l	96
56) Ethyl methacrylate	9.18	69	60676	15.77	ug/l	97
57) 1,3-Dichloropropane	9.37	76	69537	15.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	163381	79.73	ug/l	98
59) 2-Hexanone	9.50	43	292461	80.28	ug/l	94
60) Dibromochloromethane	9.59	129	43088	15.78	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43639	14.92	ug/l	95
64) Tetrachloroethene	9.34	164	42414	14.42	ug/l	97
65) Chlorobenzene	10.14	112	113409	14.80	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	41106	15.26	ug/l	100
67) Ethyl Benzene	10.26	91	182067	14.97	ug/l	96
68) m/p-Xylenes	10.36	106	143117	30.11	ug/l	94
69) o-Xylene	10.70	106	67440	15.45	ug/l	99
70) Styrene	10.71	104	114503	15.56	ug/l	99
71) Bromoform	10.86	173	34887	15.13	ug/l #	95
73) Isopropylbenzene	11.02	105	188484	18.06	ug/l	100
74) N-amyl acetate	10.90	43	86758	16.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70192	16.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	71297m	19.21	ug/l	
77) Bromobenzene	11.26	156	51912	17.13	ug/l	99
78) n-propylbenzene	11.36	91	216127	18.05	ug/l	99
79) 2-Chlorotoluene	11.42	91	131622	17.64	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	160104	16.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18936	15.35	ug/l	98
82) 4-Chlorotoluene	11.51	91	154890	17.63	ug/l	100
83) tert-Butylbenzene	11.77	119	157350	18.31	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	166528	16.75	ug/l	99
85) sec-Butylbenzene	11.94	105	190669	18.22	ug/l	100
86) p-Isopropyltoluene	12.07	119	170789	18.01	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	95300	16.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	97518	16.69	ug/l	99
89) n-Butylbenzene	12.39	91	146344	17.00	ug/l	99
90) Hexachloroethane	12.60	117	28195	17.86	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	97286	16.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16479	17.67	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69714	16.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	37093	17.24	ug/l	99
95) Naphthalene	13.83	128	208778	15.66	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73137	17.06	ug/l	99

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

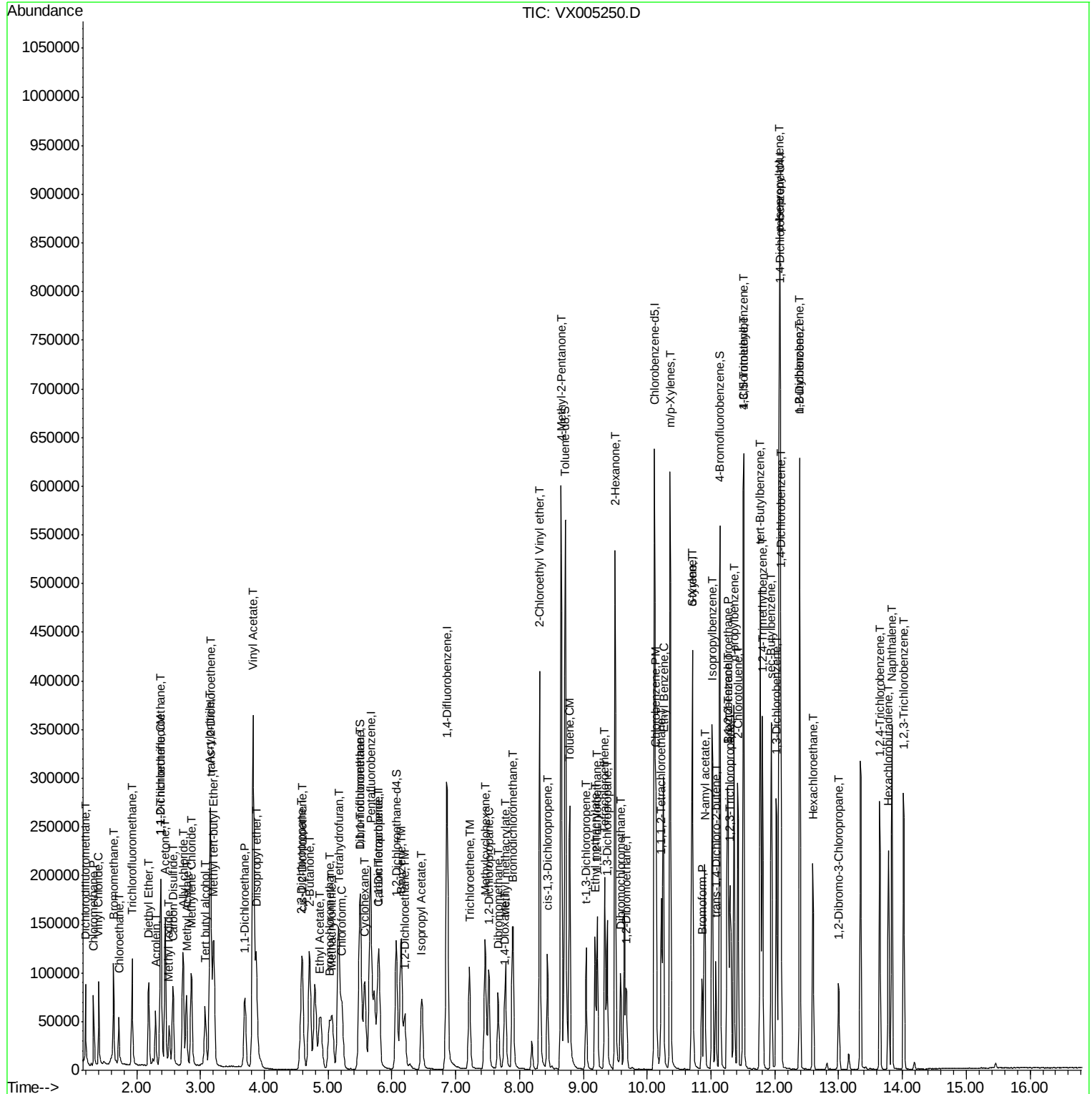
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Data File : VX005250.D
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion:168 Resp: 217648

Ion Ratio Lower Upper

168 100

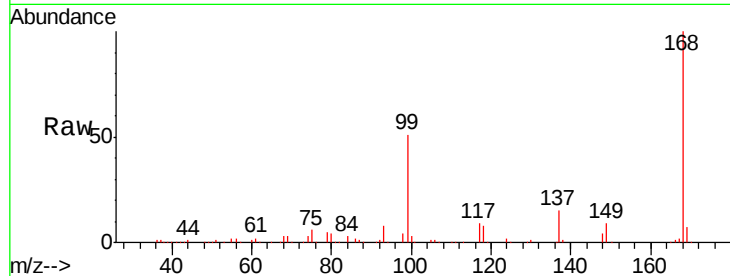
99 51.0 39.3 58.9

Manual Integrations

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10/12/2018 11:45:06 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

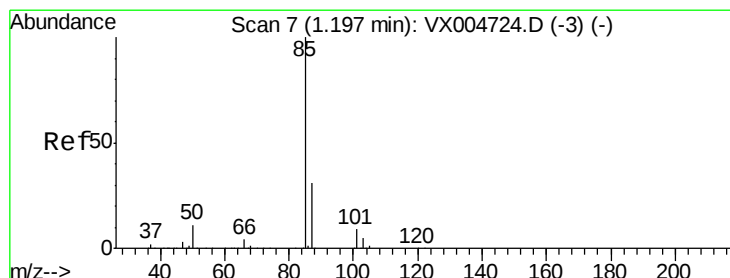
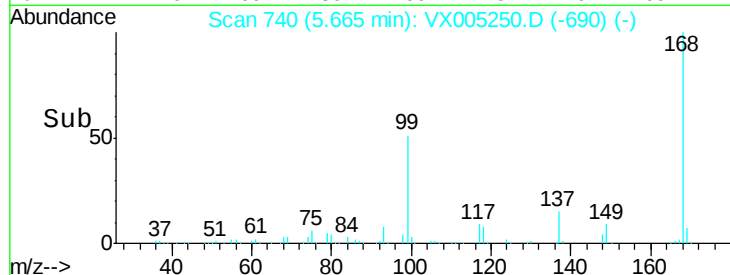
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20000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.37 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005250.D

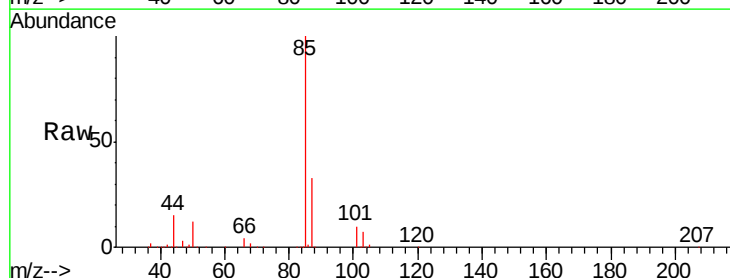
Acq: 11 Oct 2018 12:34

Tgt Ion: 85 Resp: 48593

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

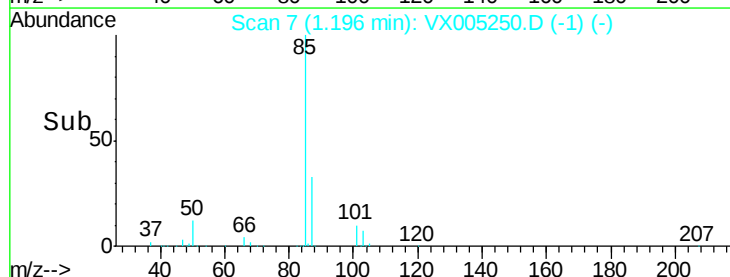
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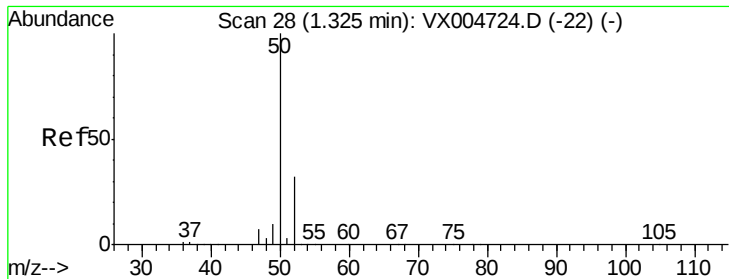
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.20 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 50 Resp: 54738

Ion Ratio Lower Upper

50 100

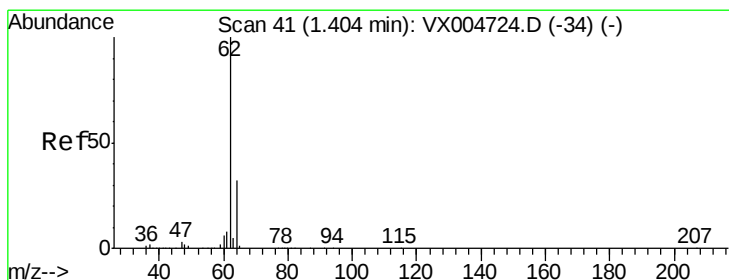
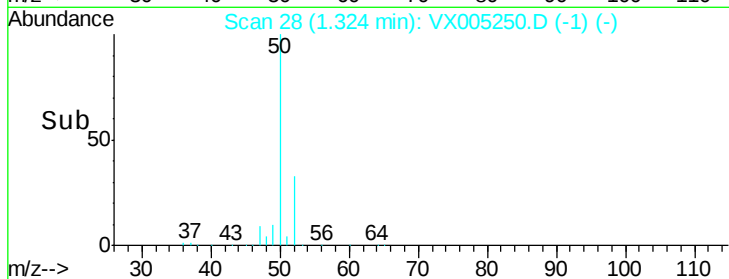
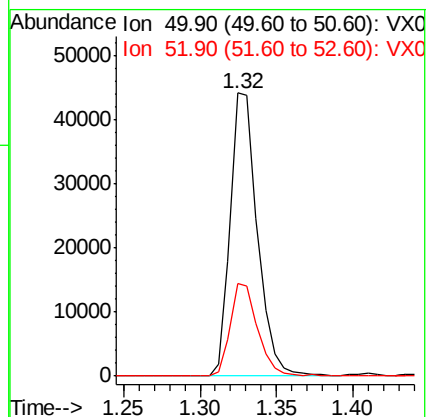
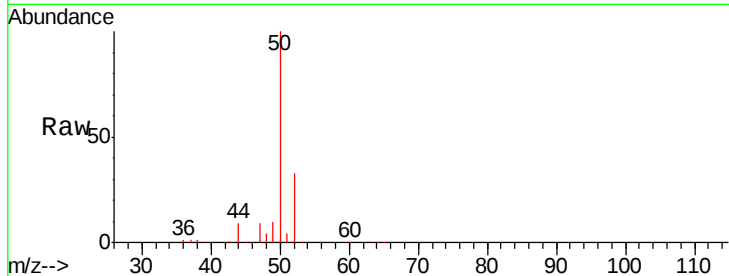
52 32.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.98 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005250.D

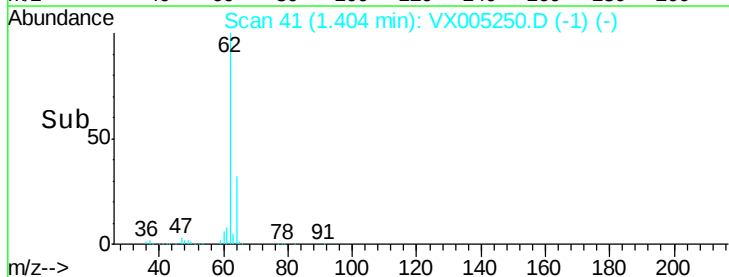
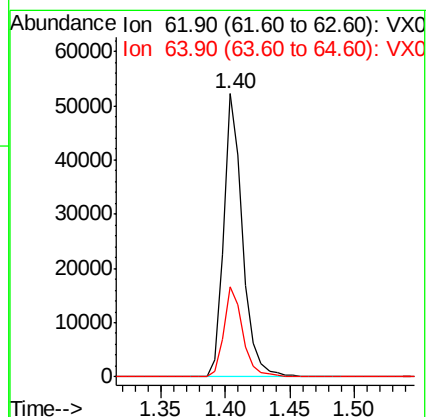
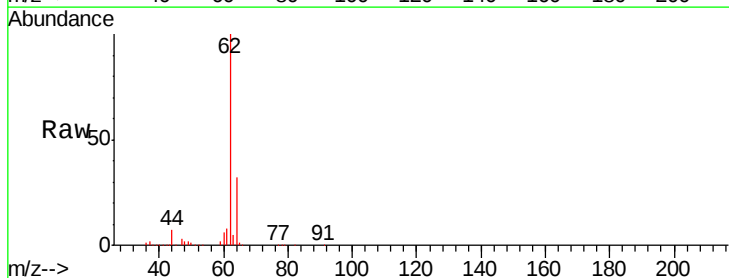
Acq: 11 Oct 2018 12:34

Tgt Ion: 62 Resp: 53952

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 15.81 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 94 Resp: 31667

Ion Ratio Lower Upper

94 100

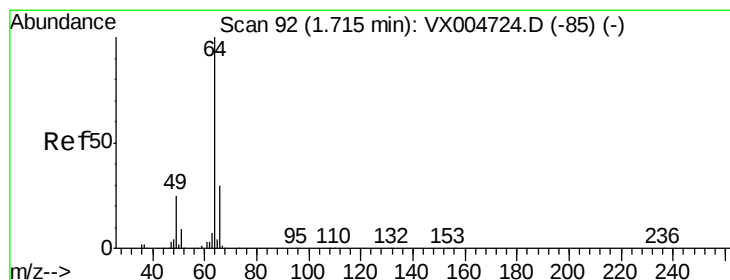
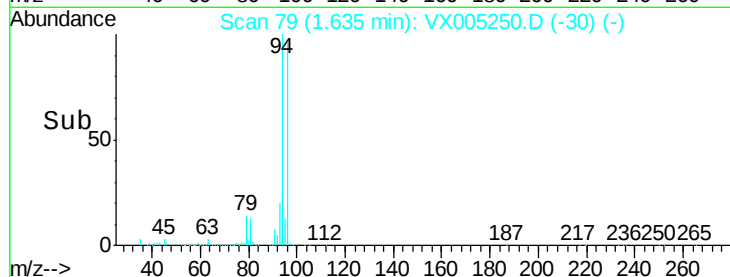
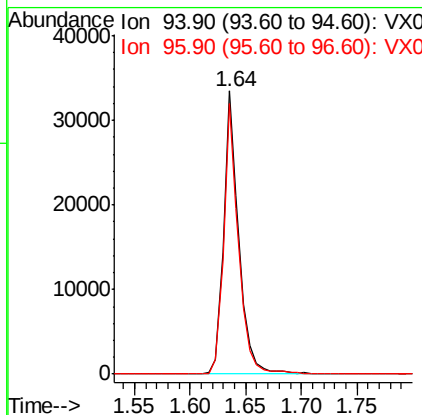
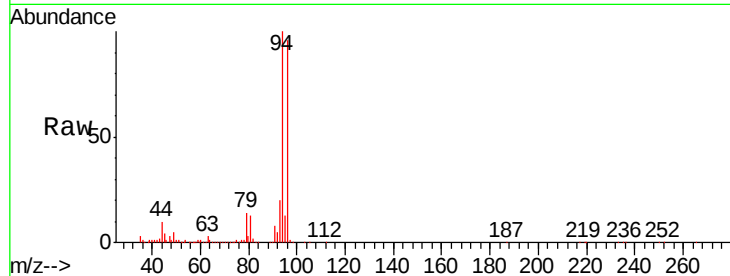
96 95.3 79.5 119.3

Manual Integrations

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10/12/2018 11:45:06 AM



#6

Chloroethane

Concen: 18.52 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005250.D

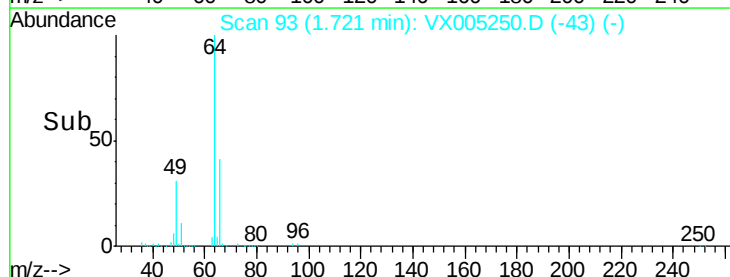
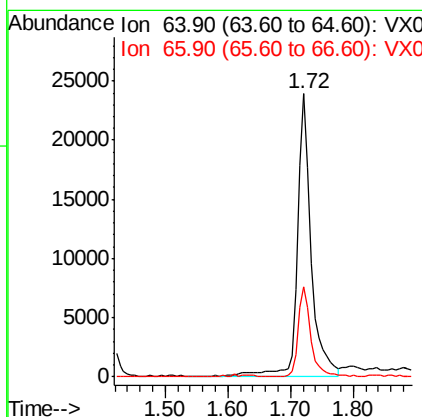
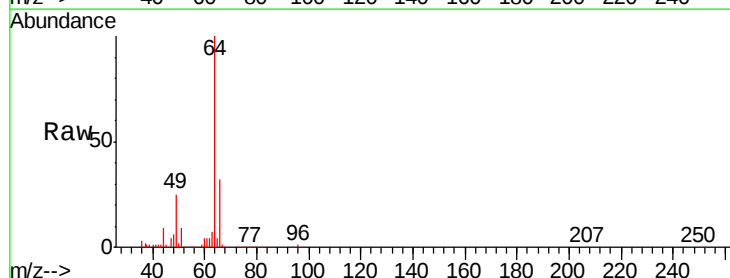
Acq: 11 Oct 2018 12:34

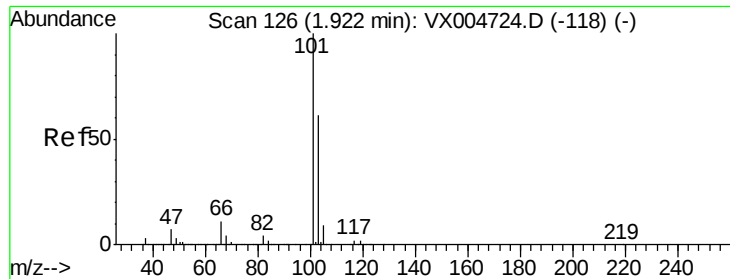
Tgt Ion: 64 Resp: 36778

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6





#7

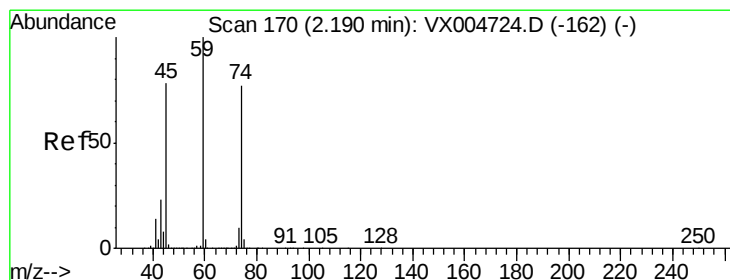
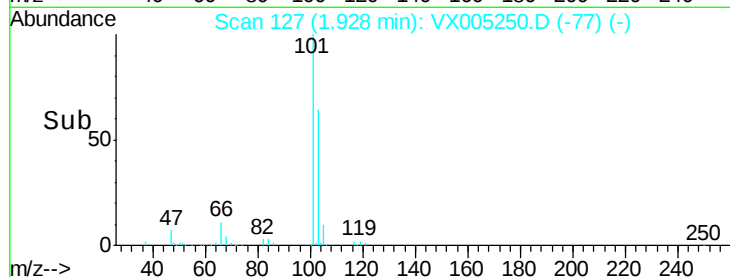
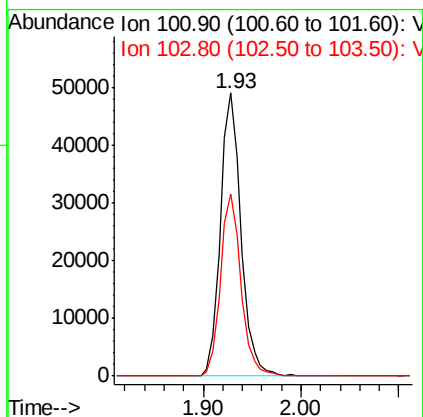
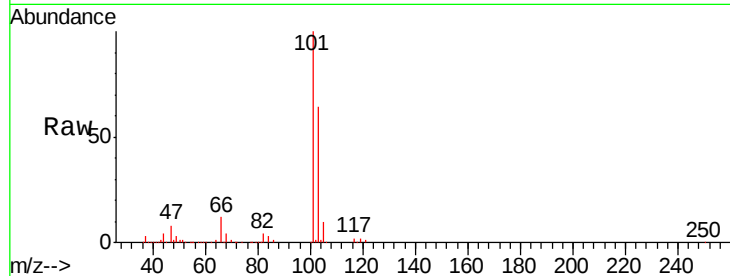
Trichlorofluoromethane
Concen: 17.17 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion: 101 Resp: 71759
Ion Ratio Lower Upper
101 100
103 64.3 48.4 72.6

Manual Integrations
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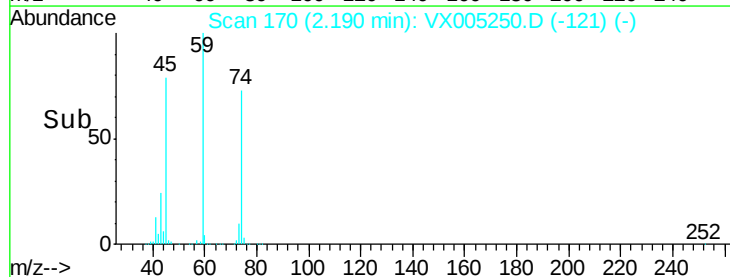
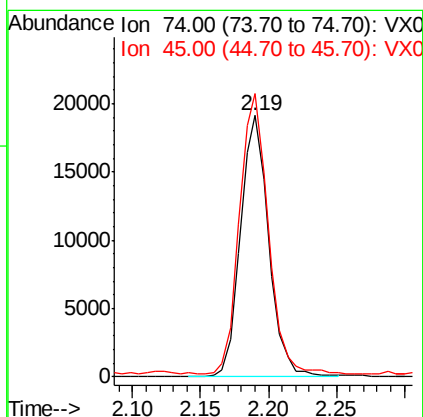
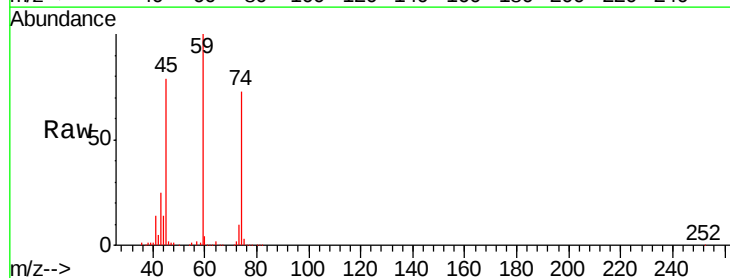
MMDadoda
10/12/2018 11:45:06 AM

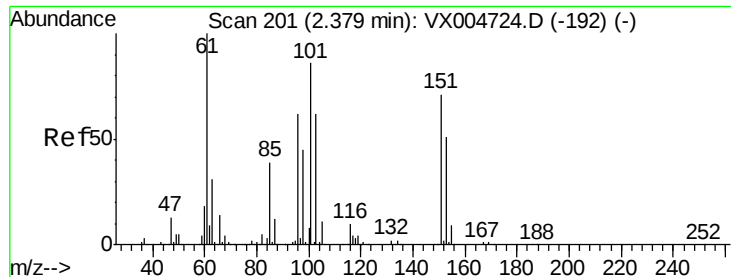


#8

Diethyl Ether
Concen: 15.26 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion: 74 Resp: 27711
Ion Ratio Lower Upper
74 100
45 109.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.46 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

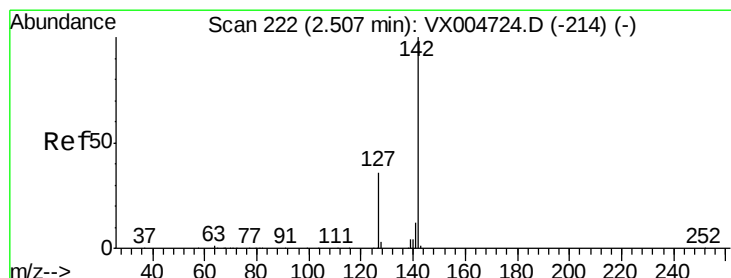
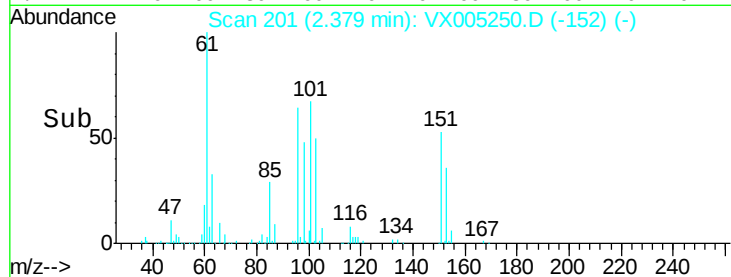
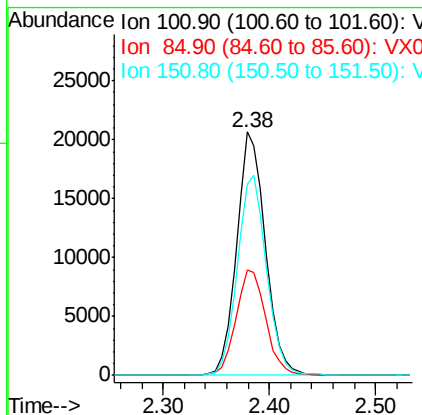
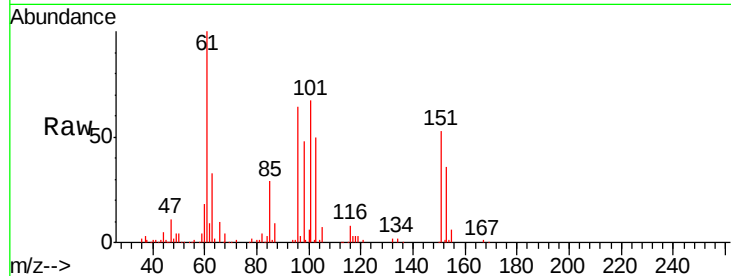
ClientSampleId :

VX1010WBS08

Tgt Ion:	101	Resp:	39189
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	83.5	66.6	100.0

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#10

Methyl Iodide

Concen: 13.41 ug/l

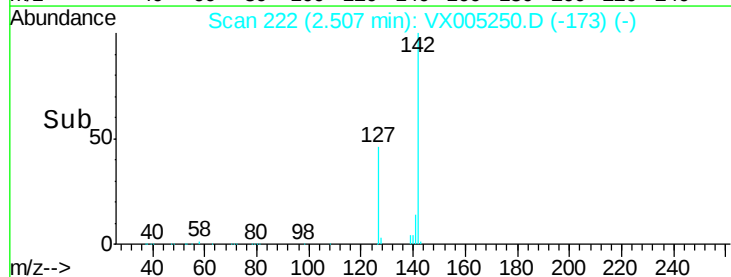
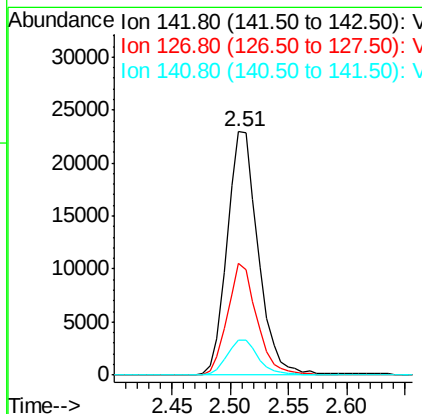
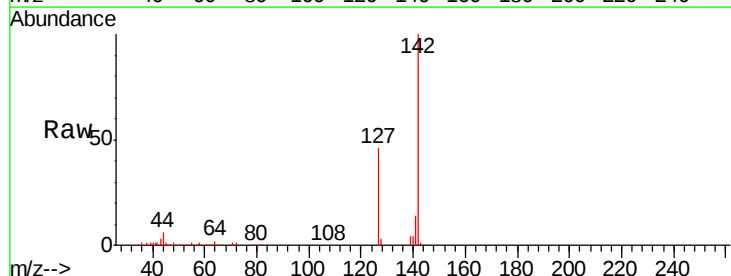
RT: 2.51 min Scan# 222

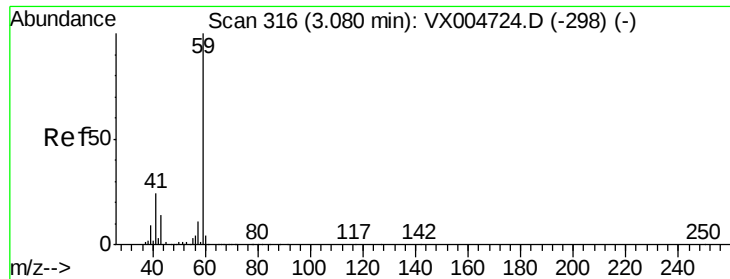
Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	142	Resp:	42742
Ion Ratio	Lower	Upper	
142	100		
127	43.8	30.1	45.1
141	14.7	10.1	15.1





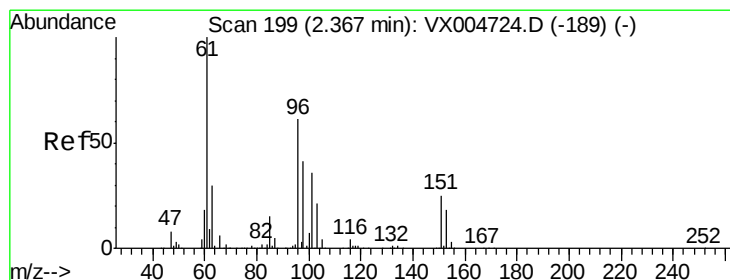
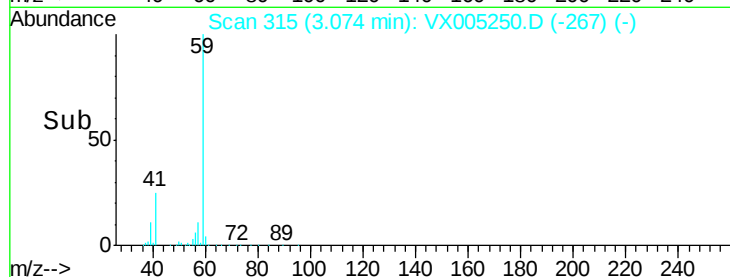
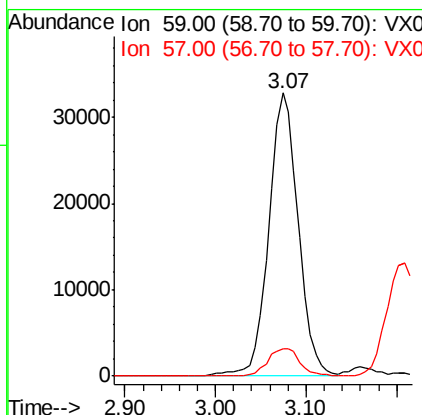
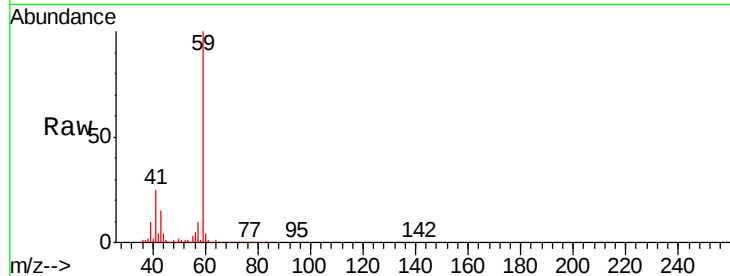
#11
Tert butyl alcohol
Concen: 84.85 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion: 59 Resp: 73761
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

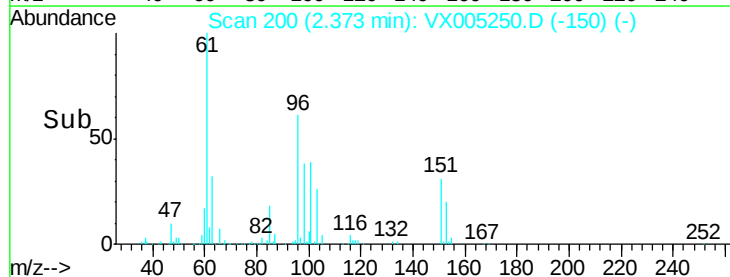
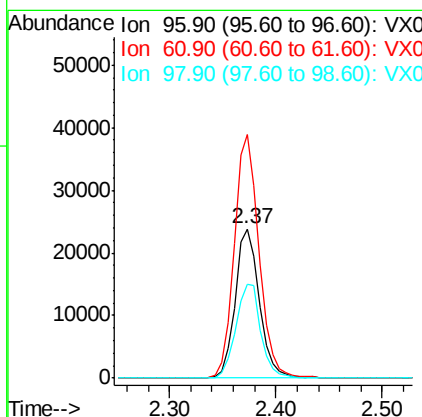
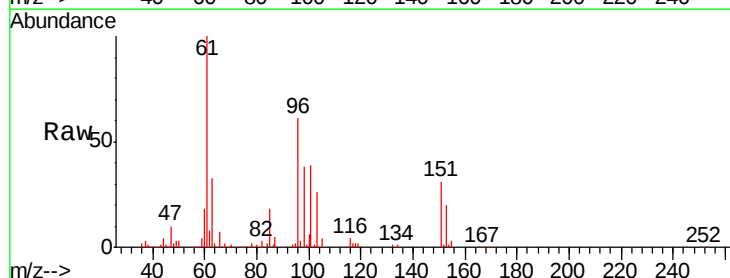
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 16.16 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion: 96 Resp: 38104
Ion Ratio Lower Upper
96 100
61 163.1 130.2 195.4
98 62.9 53.4 80.0





#13

Acrolein

Concen: 63.40 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 56 Resp: 39213

Ion Ratio Lower Upper

56 100

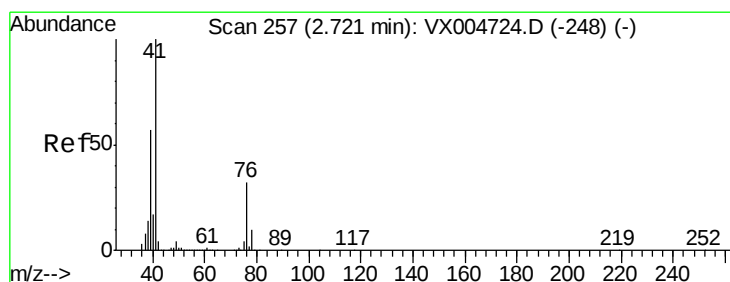
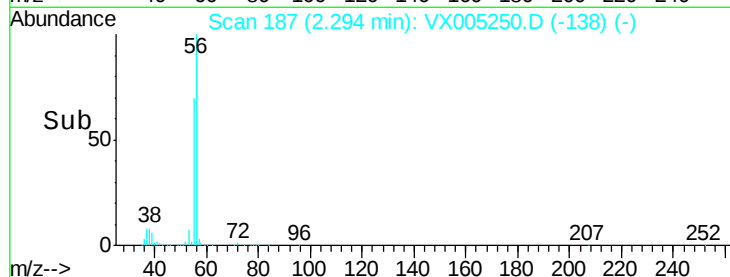
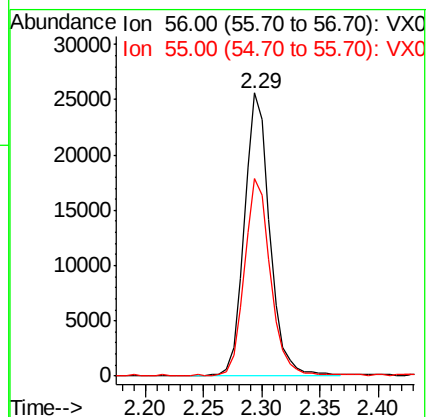
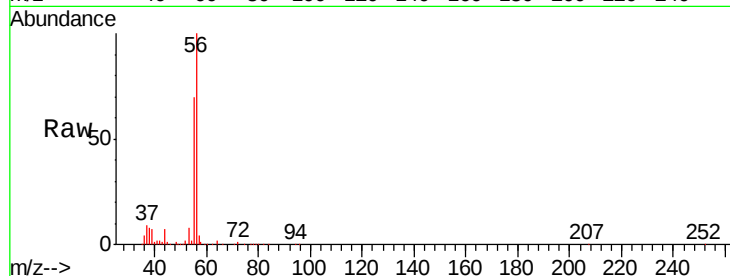
55 70.4 63.4 95.2

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#14

Allyl chloride

Concen: 16.46 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

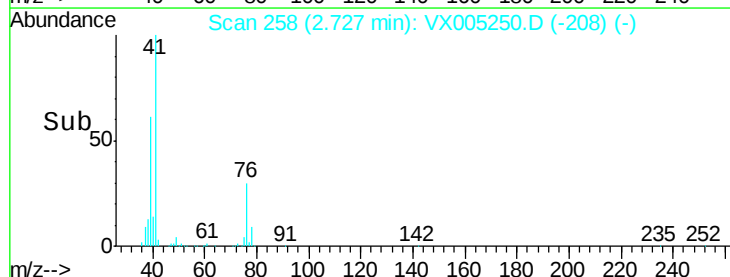
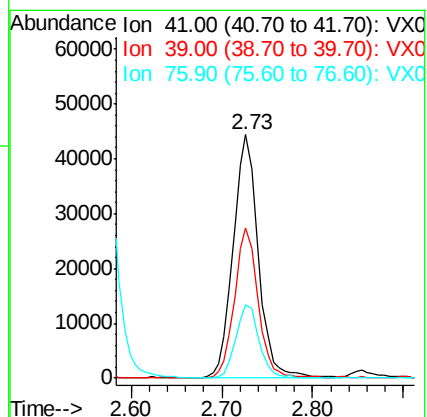
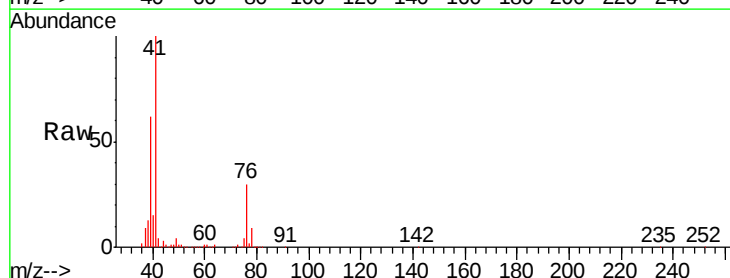
Tgt Ion: 41 Resp: 84678

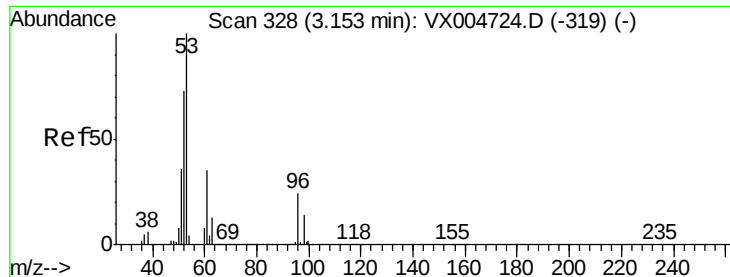
Ion Ratio Lower Upper

41 100

39 57.9 44.1 66.1

76 28.5 25.0 37.4





#15

Acrylonitrile

Concen: 81.52 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

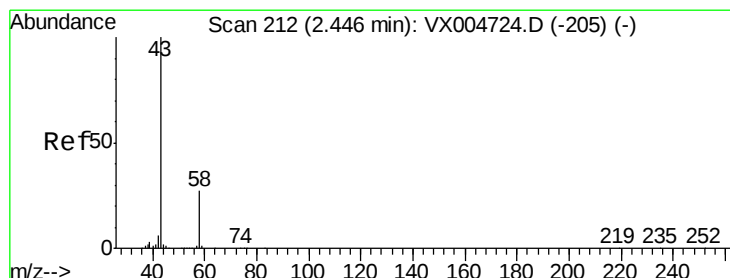
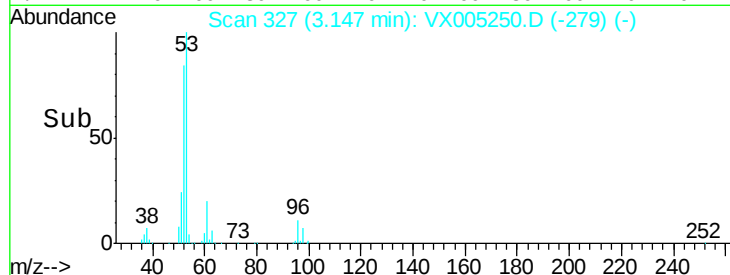
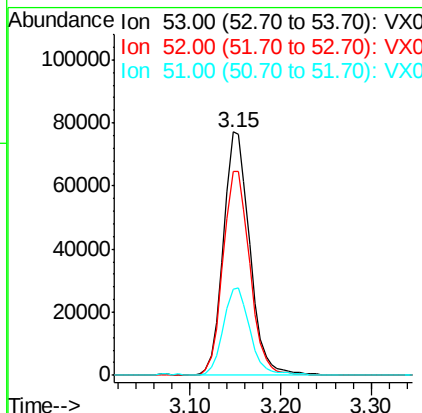
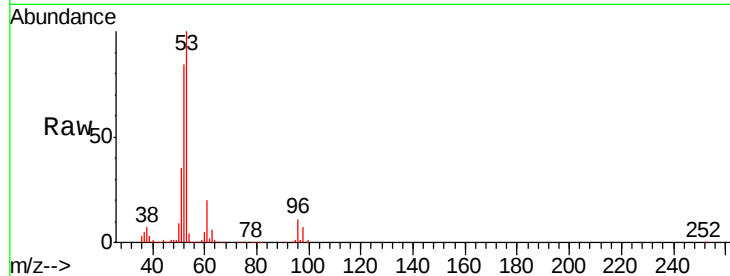
ClientSampleId :

VX1010WBS08

Tgt Ion:	53	Resp:	155999
Ion Ratio		Lower	Upper
53	100		
52	85.2	63.0	94.4
51	36.4	28.6	42.8

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#16

Acetone

Concen: 87.05 ug/l

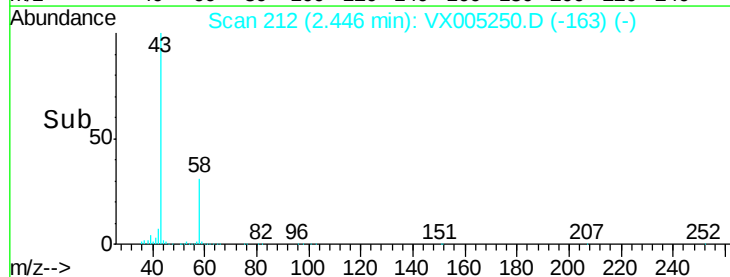
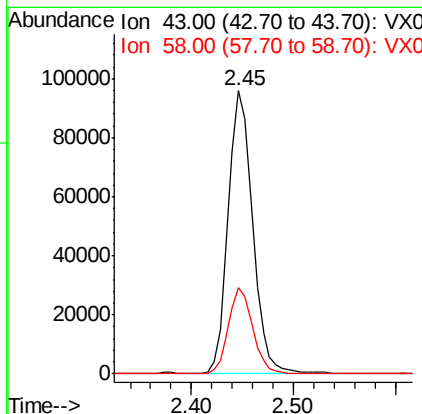
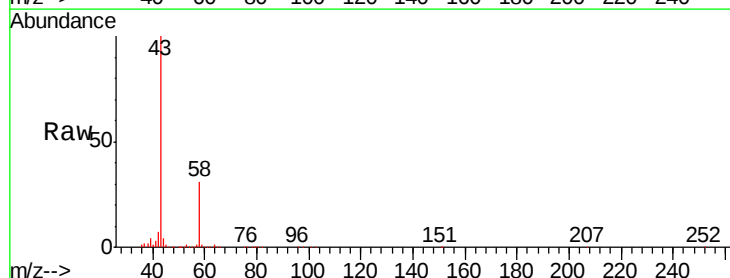
RT: 2.45 min Scan# 212

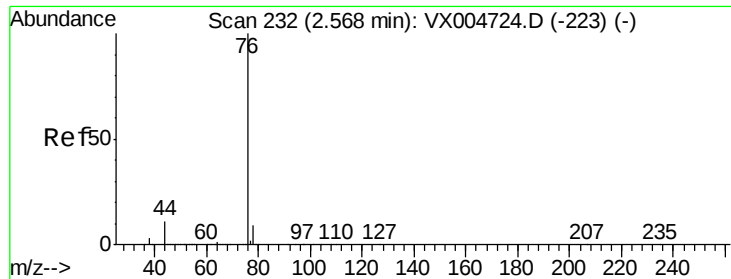
Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	43	Resp:	158010
Ion Ratio		Lower	Upper
43	100		
58	30.6	21.8	32.6





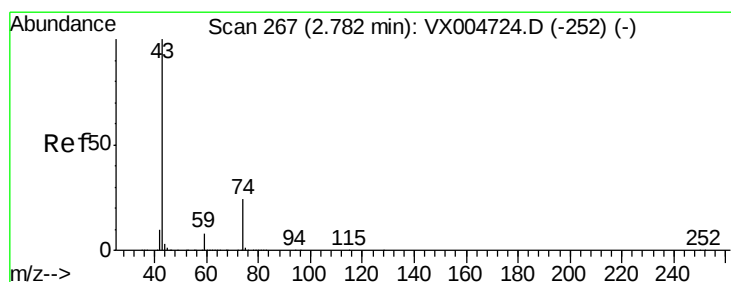
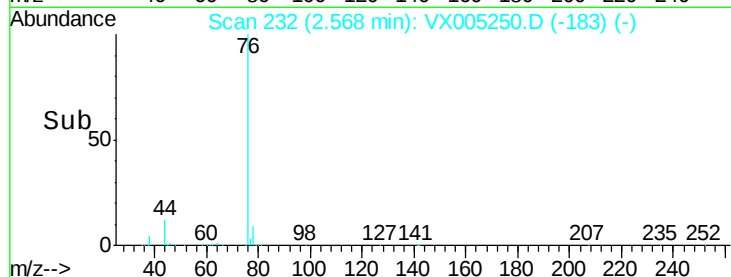
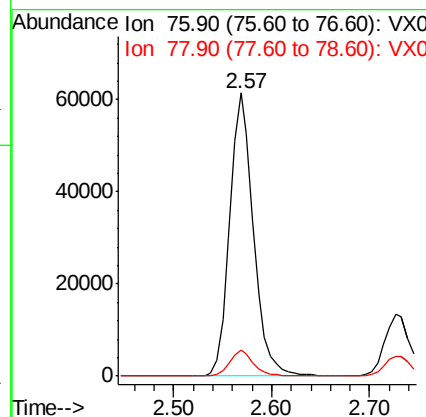
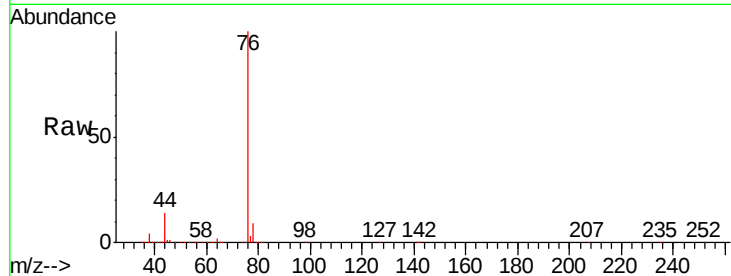
#17
Carbon Disulfide
Concen: 14.61 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

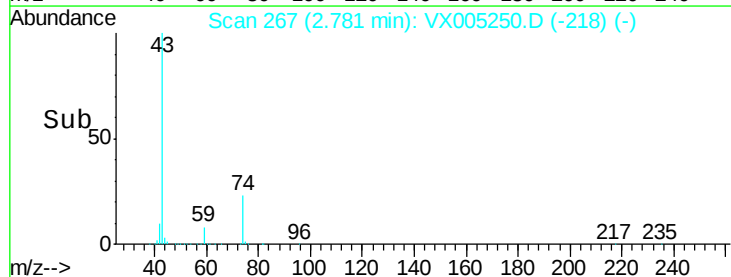
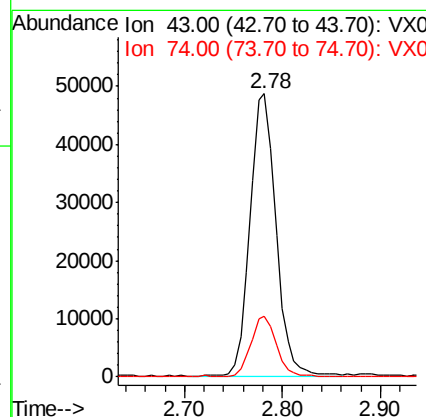
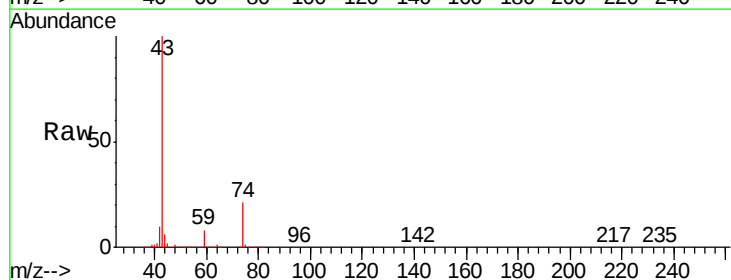
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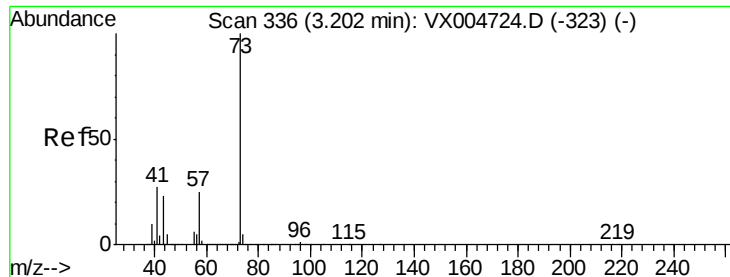
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#18
Methyl Acetate
Concen: 19.43 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.8	26.8





#19

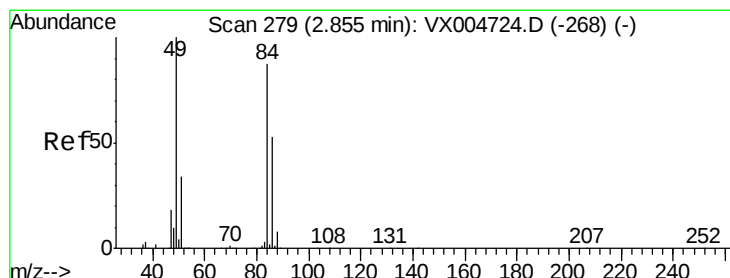
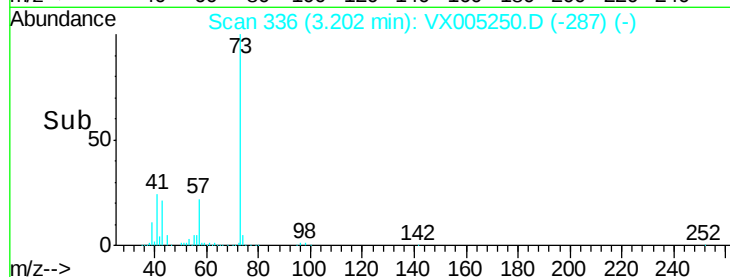
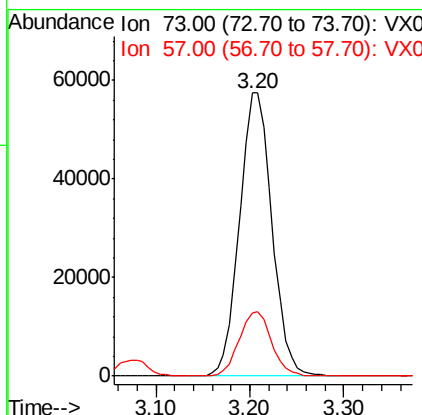
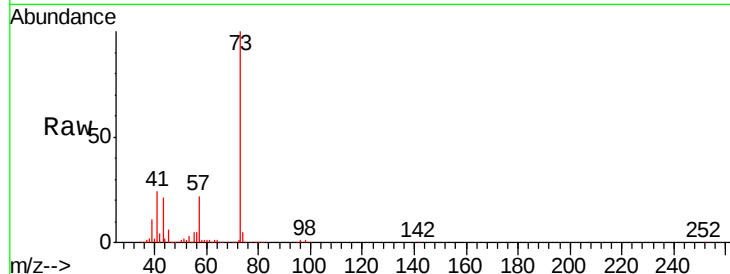
Methyl tert-butyl Ether
 Concen: 17.04 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	19.9	29.9

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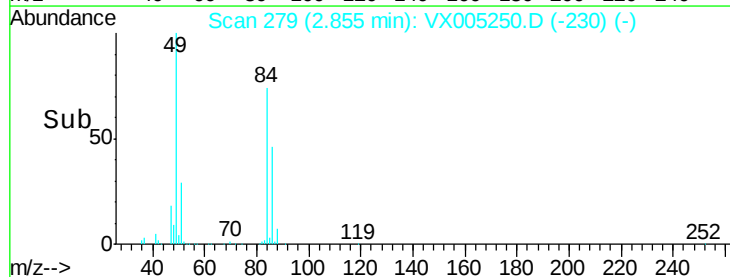
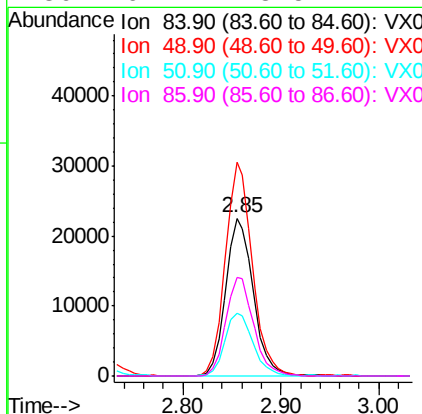
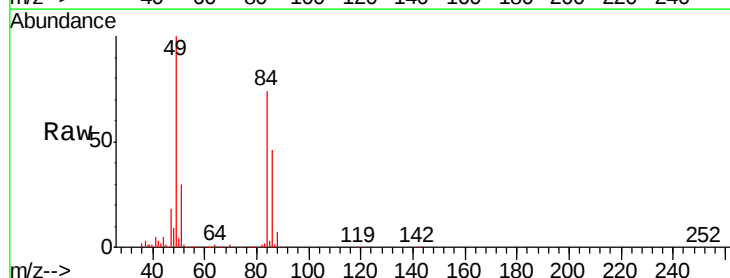
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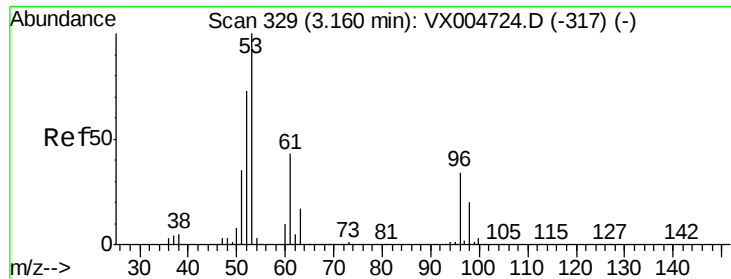


#20

Methylene Chloride
 Concen: 16.06 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.2	92.3	138.5
51	39.7	31.8	47.6
86	62.7	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 15.54 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

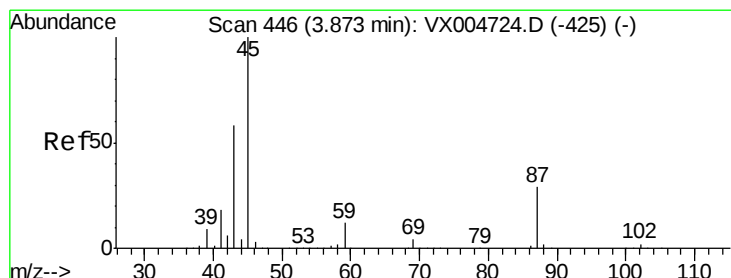
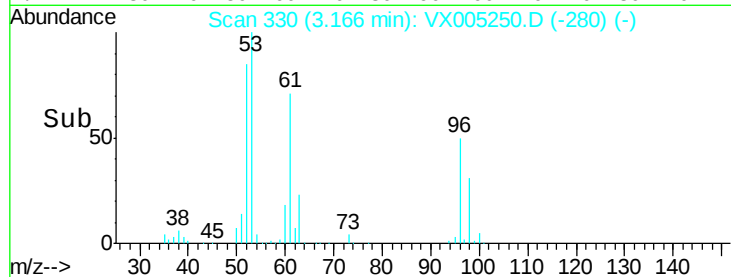
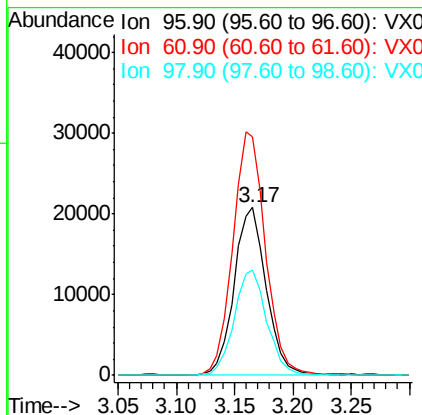
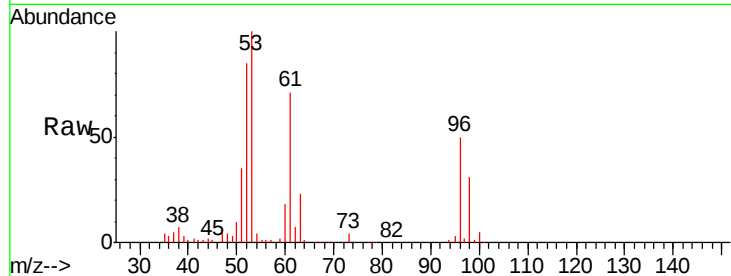
ClientSampleId :

VX1010WBS08

Tgt Ion:	96	Resp:	40116
Ion	Ratio	Lower	Upper
96	100		
61	141.6	101.0	151.6
98	62.6	47.2	70.8

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#22

Diisopropyl ether

Concen: 15.33 ug/l

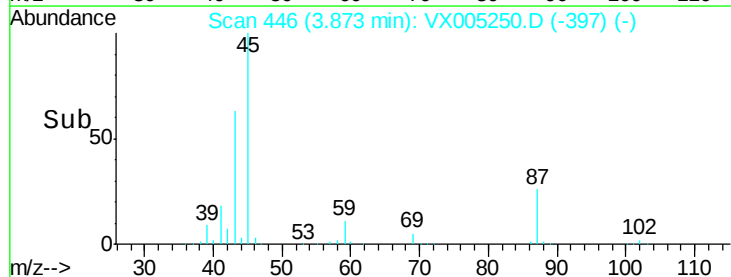
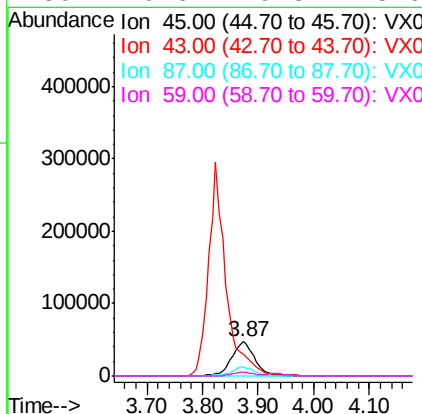
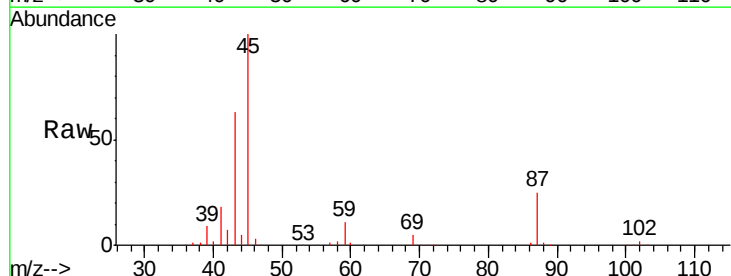
RT: 3.87 min Scan# 446

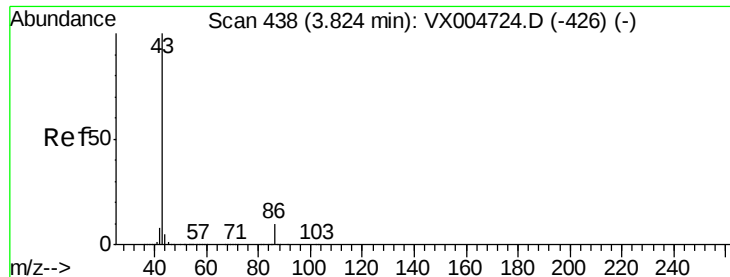
Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	45	Resp:	132840
Ion	Ratio	Lower	Upper
45	100		
43	62.7	46.7	70.1
87	25.5	22.9	34.3
59	10.6	9.3	13.9





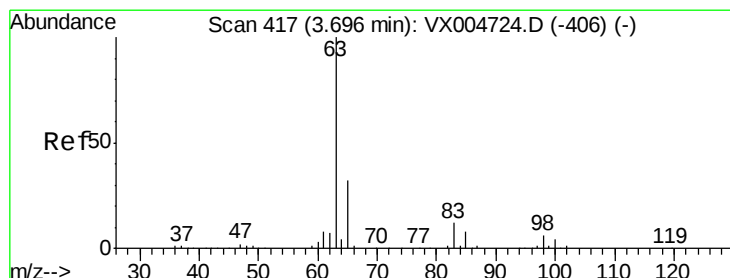
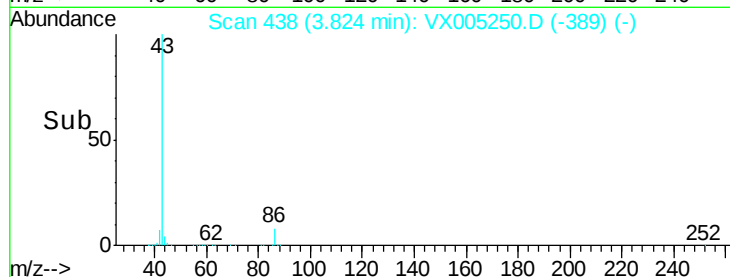
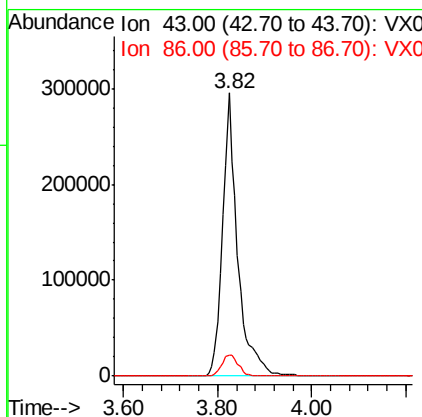
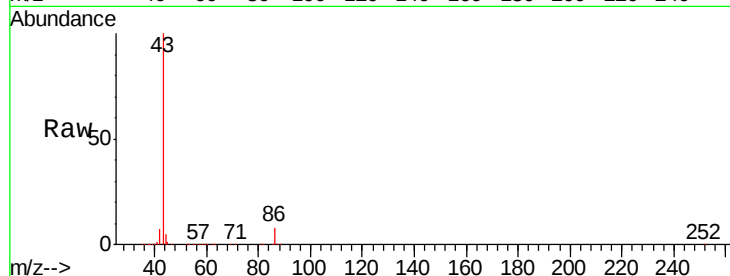
#23
 Vinyl Acetate
 Concen: 82.18 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.6	8.1	12.1#

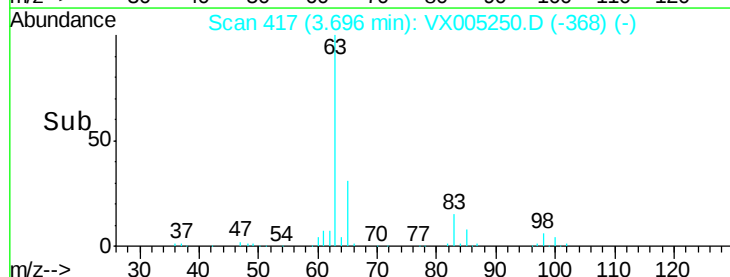
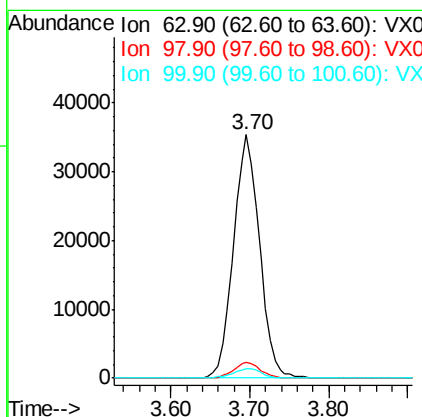
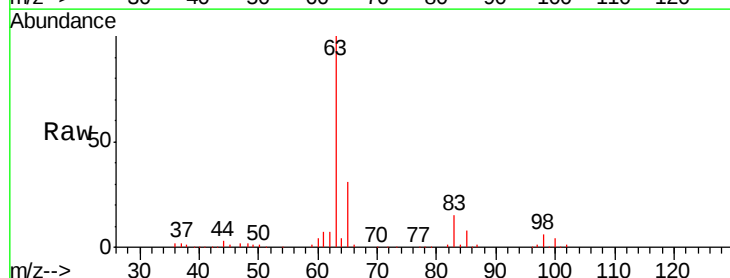
Manual Integrations
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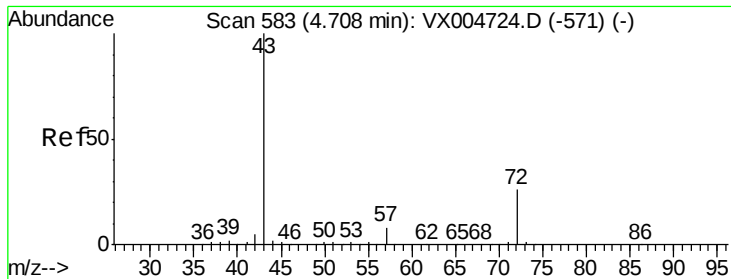
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#24
 1,1-Dichloroethane
 Concen: 15.73 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	4.0	2.0	5.8





#25

2-Butanone

Concen: 77.86 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 43 Resp: 208323

Ion Ratio Lower Upper

43 100

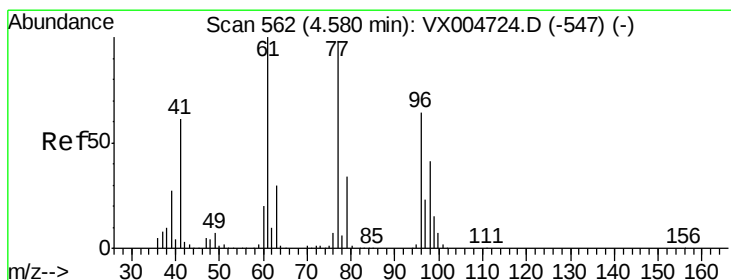
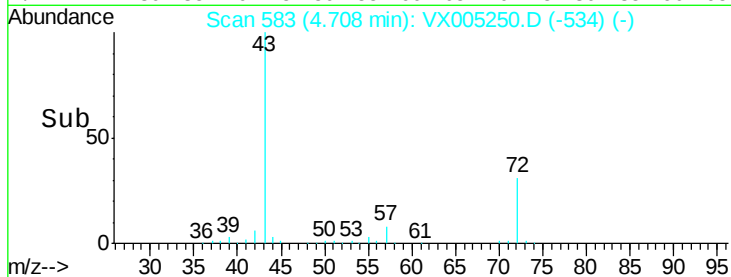
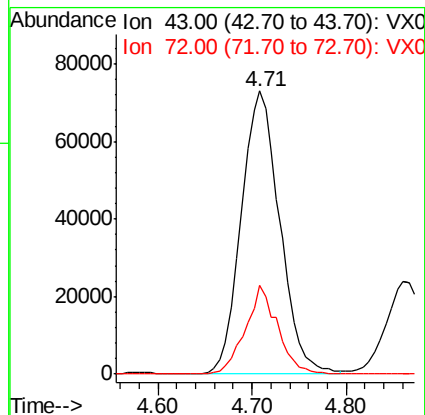
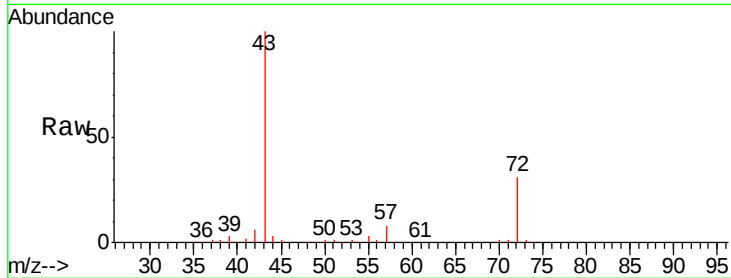
72 31.4 20.8 31.2#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.09 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005250.D

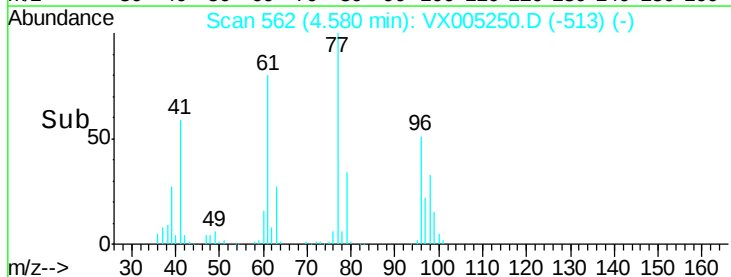
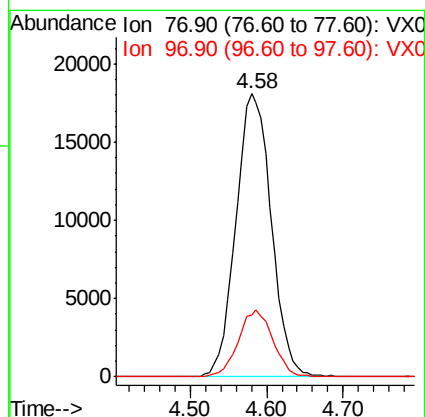
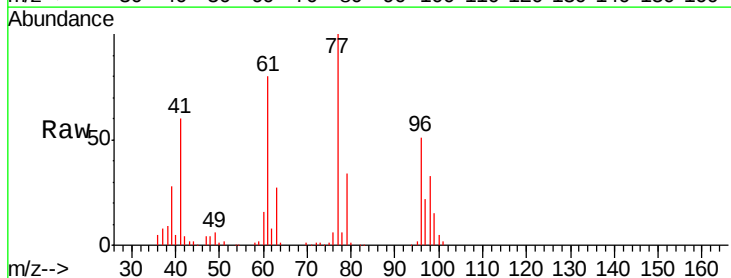
Acq: 11 Oct 2018 12:34

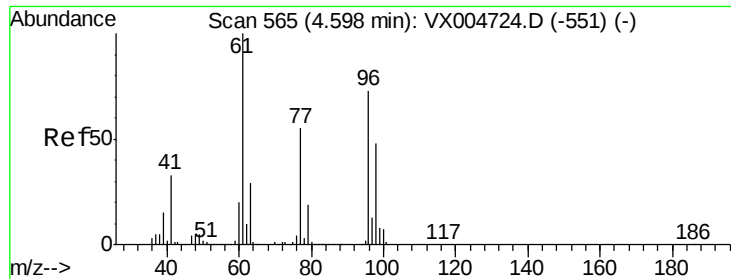
Tgt Ion: 77 Resp: 57927

Ion Ratio Lower Upper

77 100

97 23.1 12.6 37.8





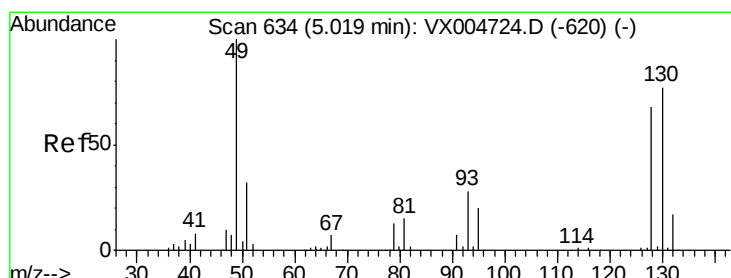
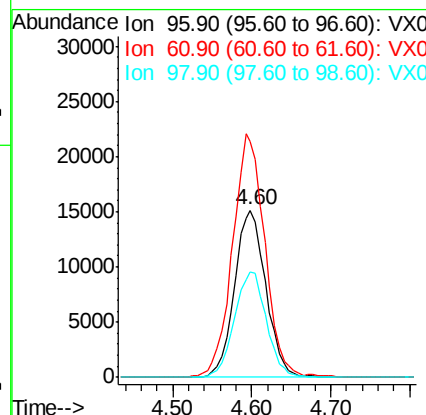
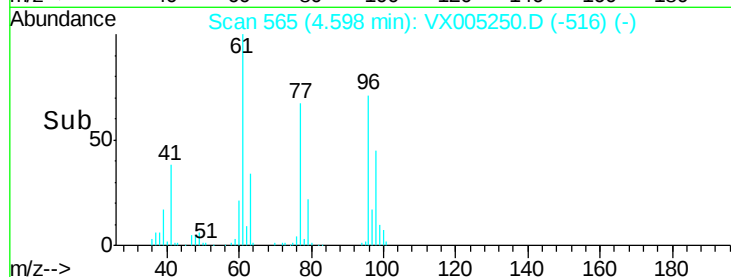
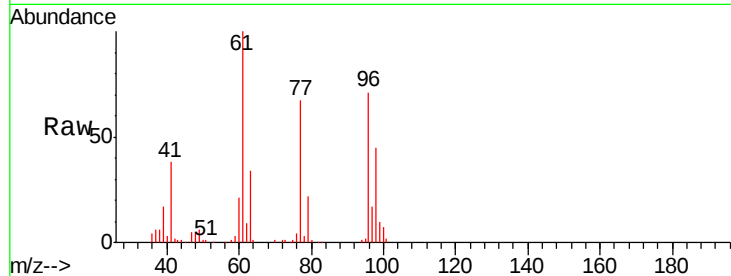
#27
 cis-1,2-Dichloroethene
 Concen: 14.47 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	285.8
98	64.1	0.0	136.2

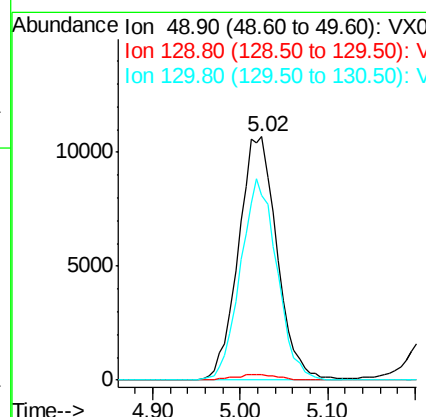
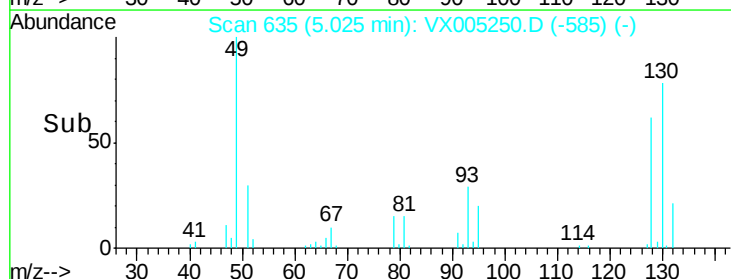
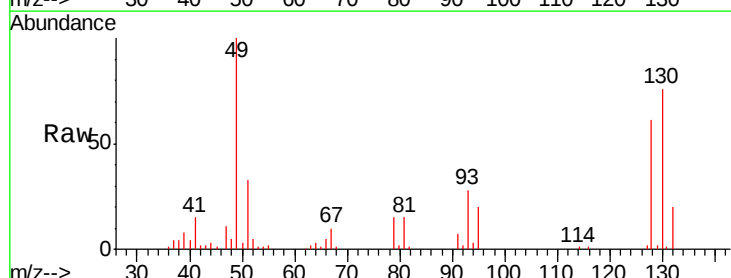
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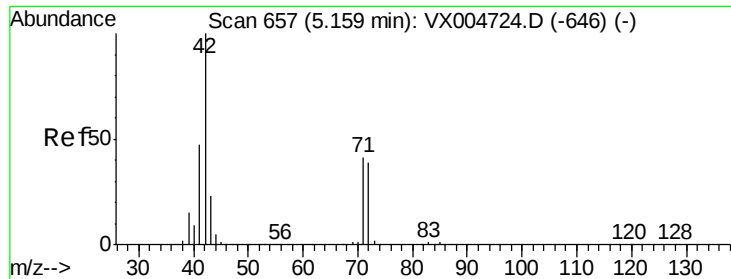
MMDadoda
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#28
 Bromochloromethane
 Concen: 13.47 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	77.9	62.0	93.0





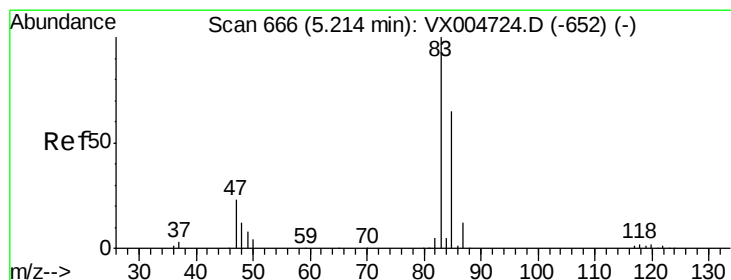
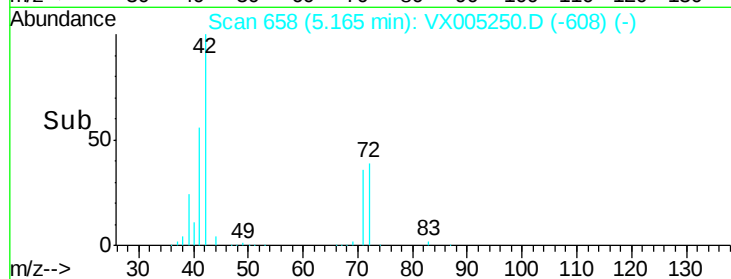
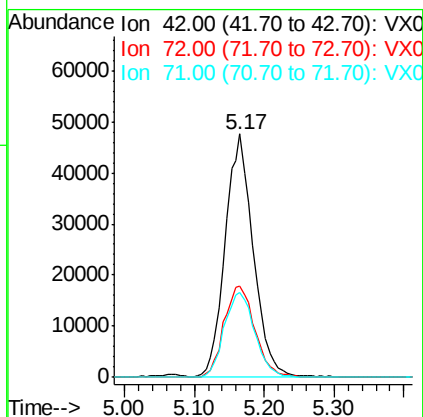
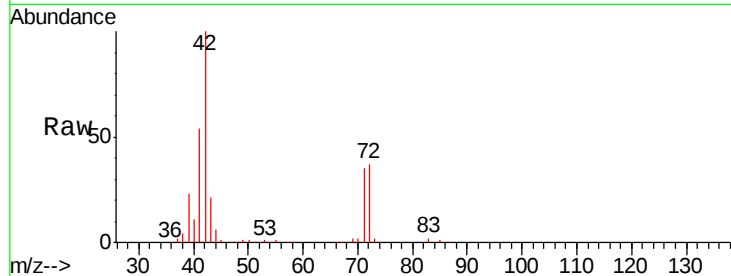
#29
Tetrahydrofuran
Concen: 79.05 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.7	50.5
71	38.4	32.2	48.4

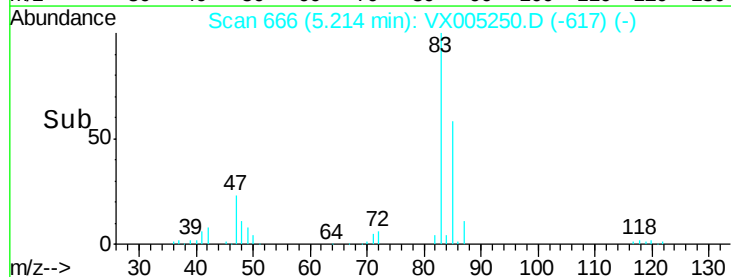
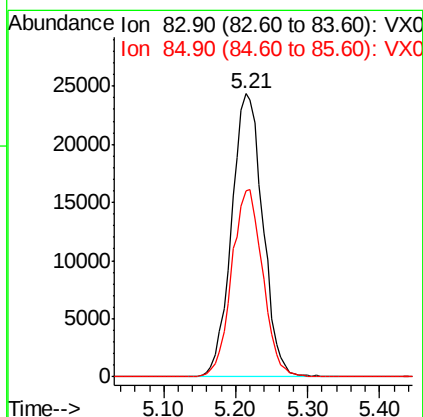
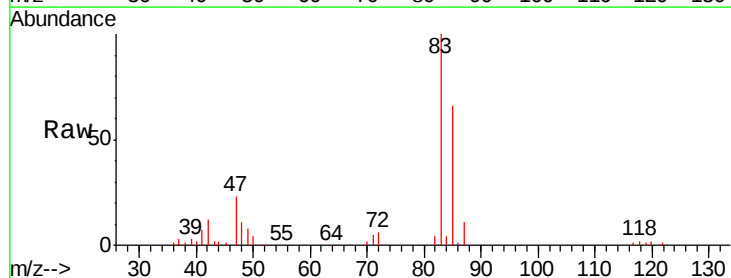
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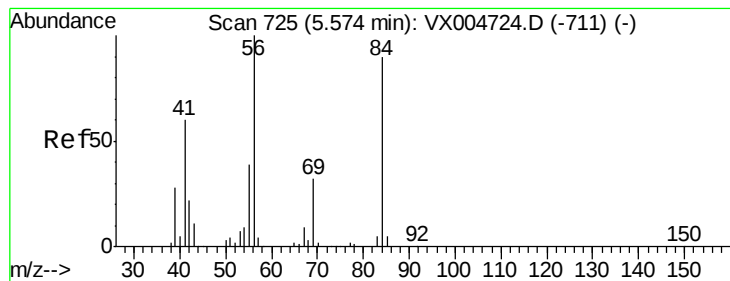
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#30
Chloroform
Concen: 15.02 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6





#31

Cyclohexane

Concen: 14.97 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

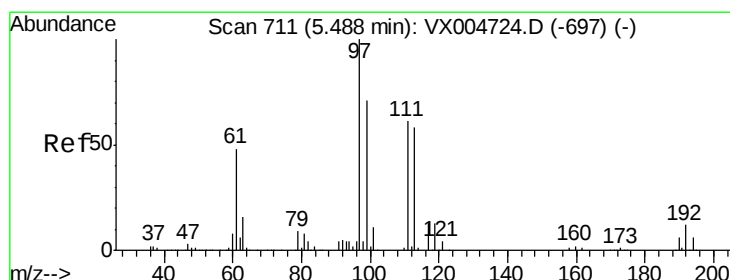
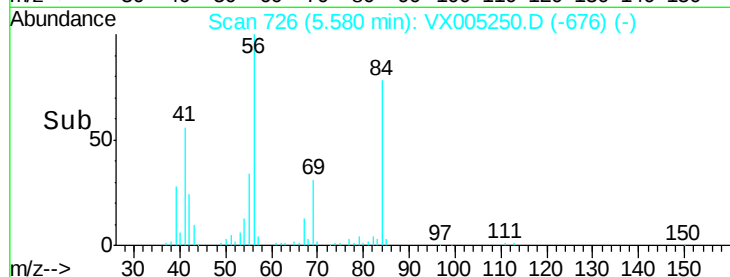
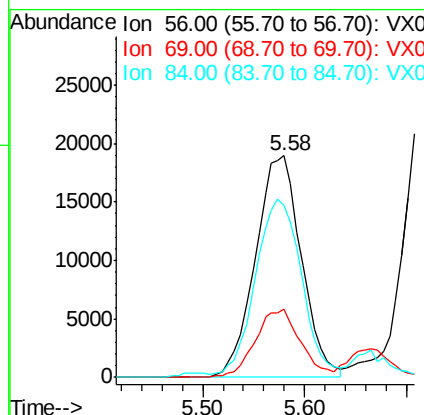
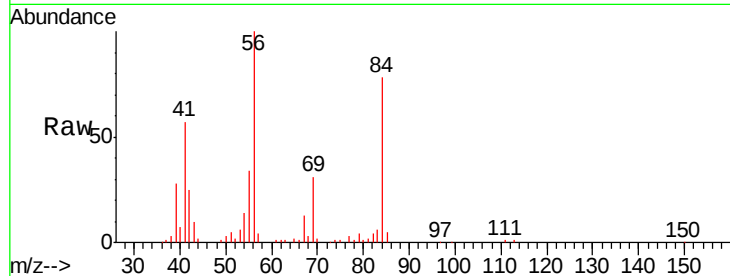
ClientSampleId :

VX1010WBS08

Tgt Ion:	56	Resp:	59226
Ion Ratio		Lower	Upper
56	100		
69	30.4	25.9	38.9
84	75.7	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 15.88 ug/l

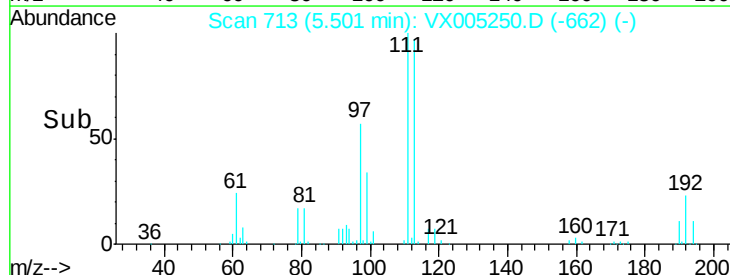
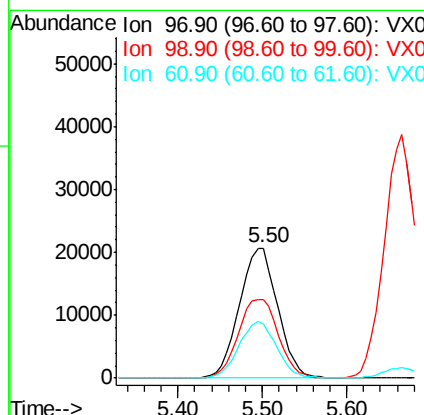
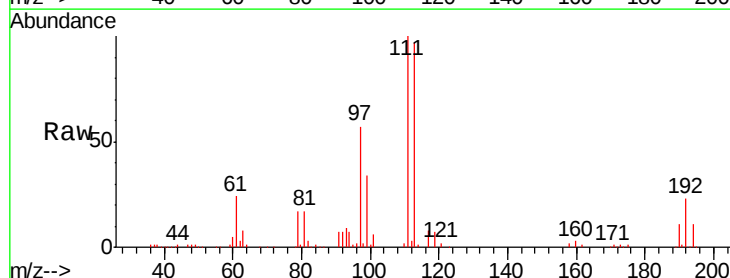
RT: 5.50 min Scan# 713

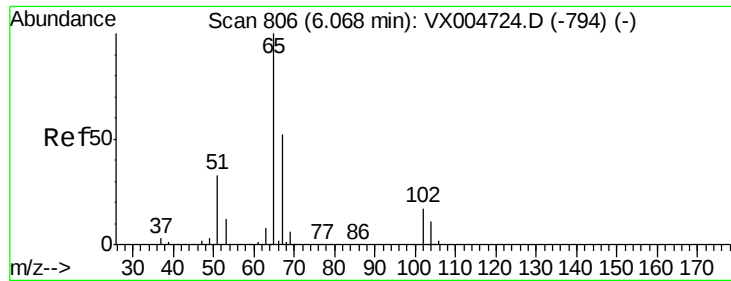
Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	97	Resp:	63343
Ion Ratio		Lower	Upper
97	100		
99	63.9	54.6	82.0
61	43.4	37.5	56.3





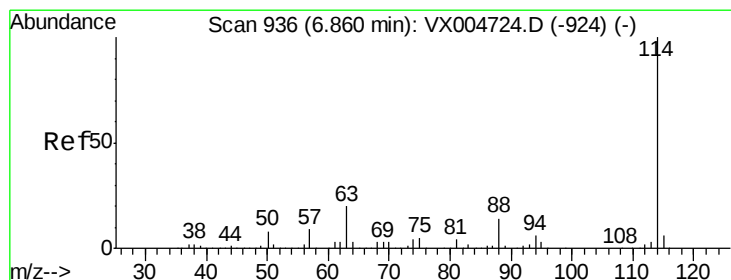
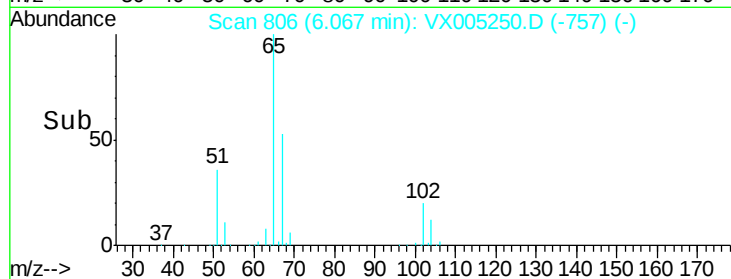
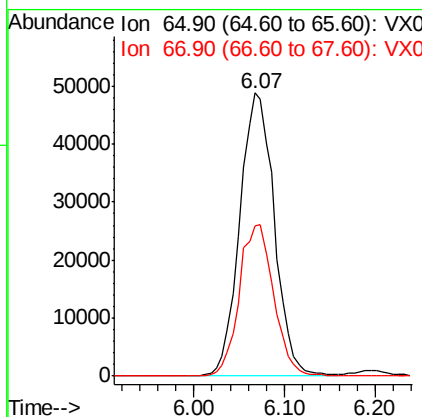
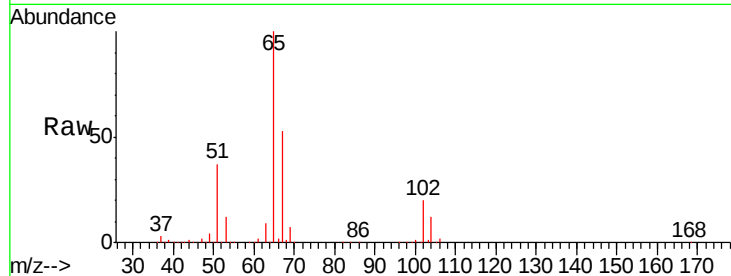
#33
 1,2-Dichloroethane-d4
 Concen: 41.43 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4

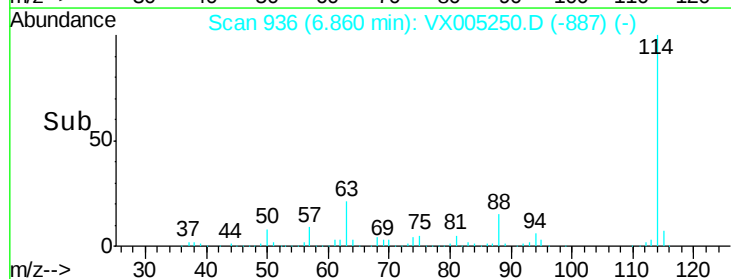
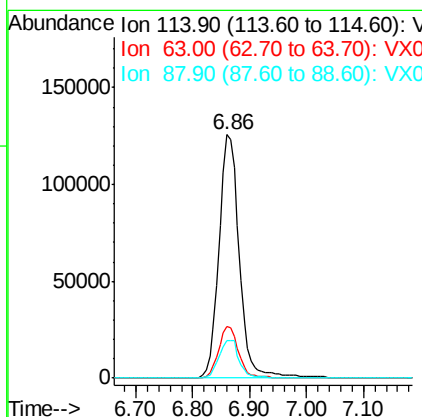
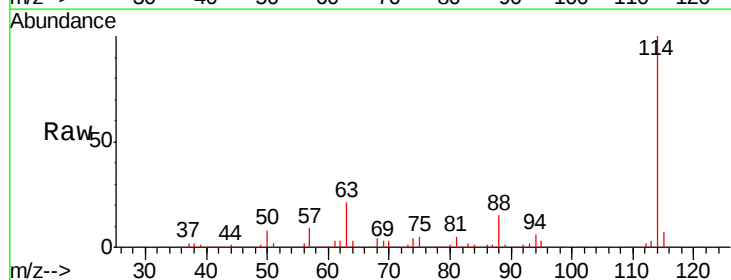
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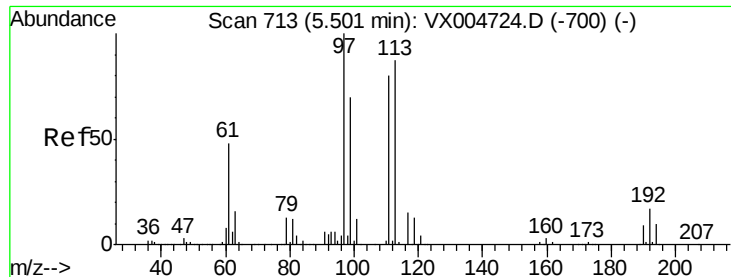
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.8
88	15.4	0.0	27.0





#35

Dibromofluoromethane

Concen: 38.96 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

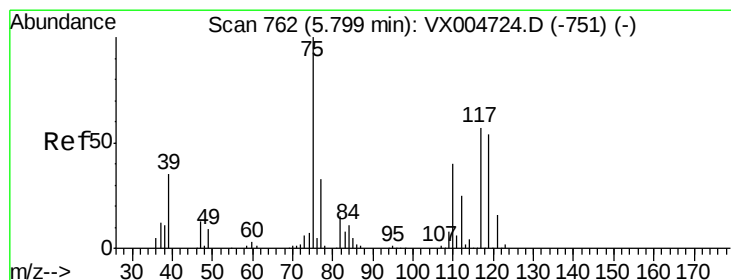
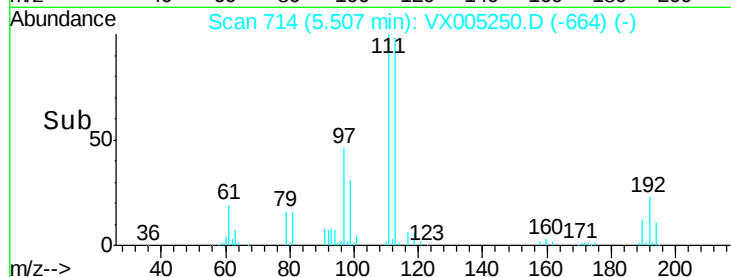
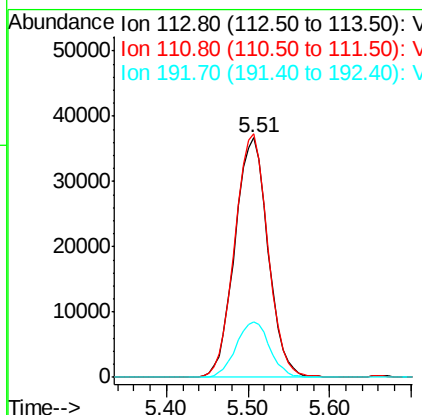
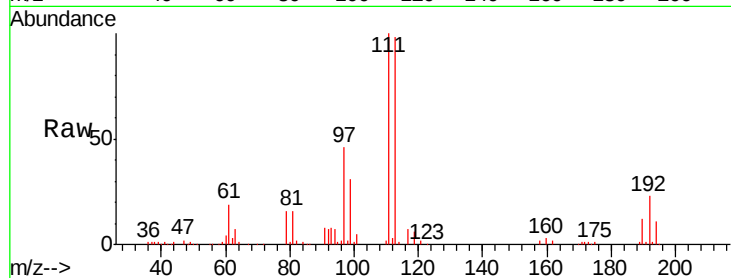
ClientSampleId :

VX1010WBS08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	103468		
111	101.5	77.0	115.4	
192	23.5	17.0	25.6	

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#36

1,1-Dichloropropene

Concen: 14.39 ug/l

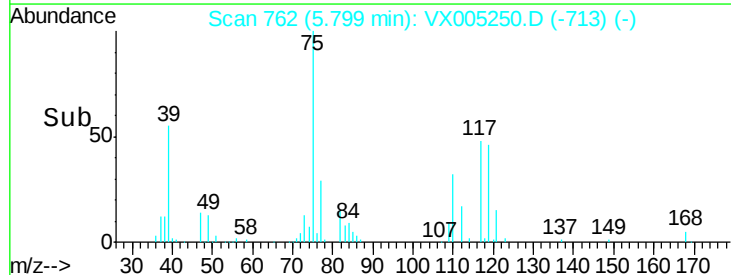
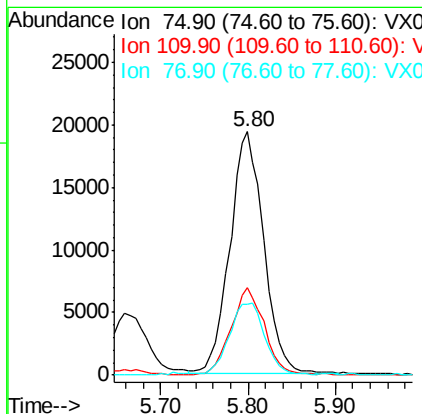
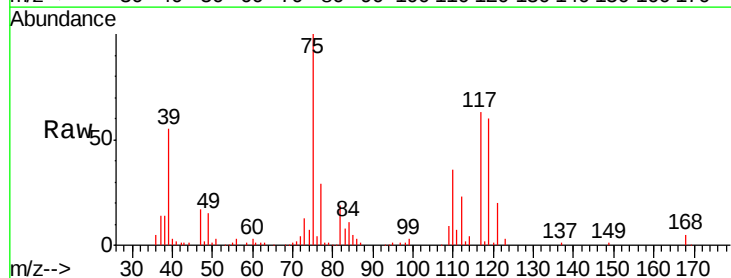
RT: 5.80 min Scan# 762

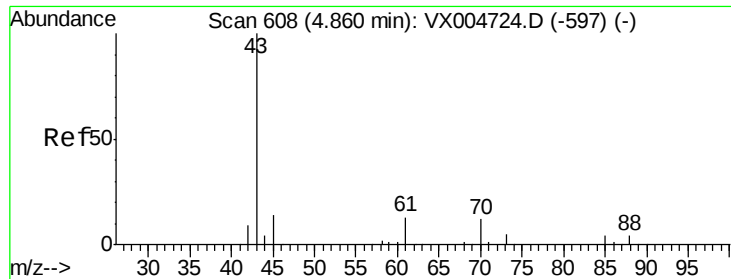
Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52130		
110	35.4	20.0	59.9	
77	30.8	27.1	40.7	





#37

Ethyl Acetate

Concen: 14.69 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

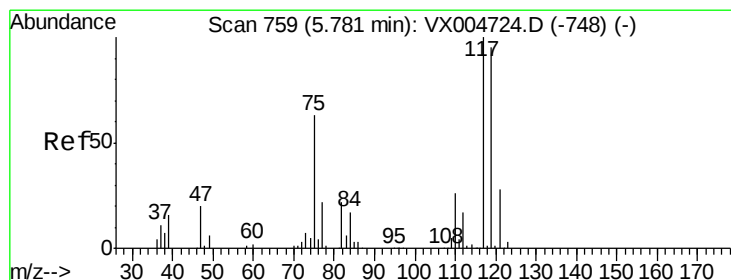
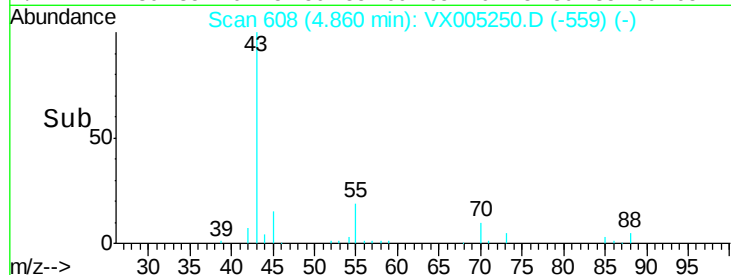
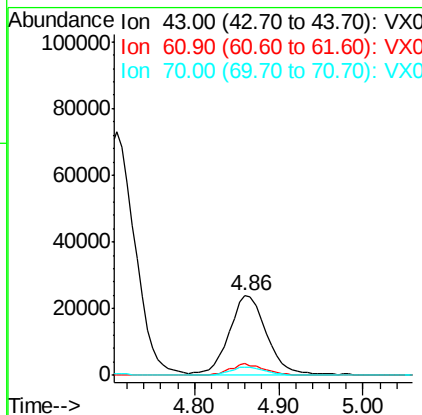
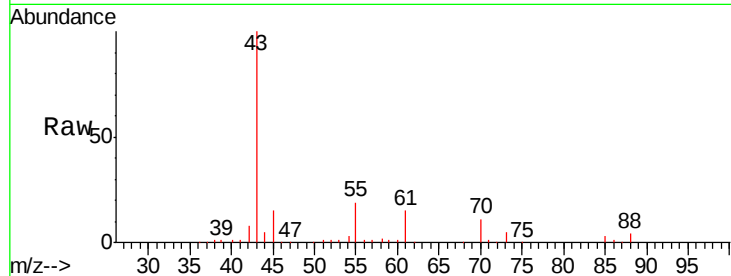
ClientSampleId :

VX1010WBS08

Tgt Ion:	43	Resp:	70655
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.5	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 14.47 ug/l

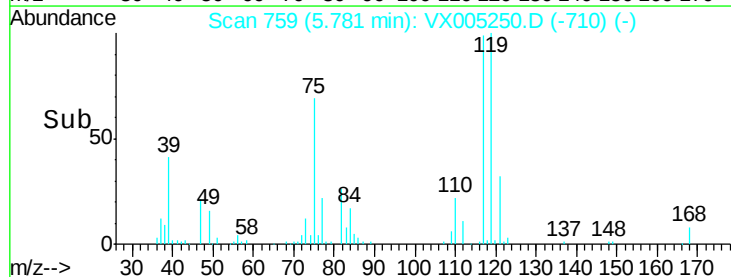
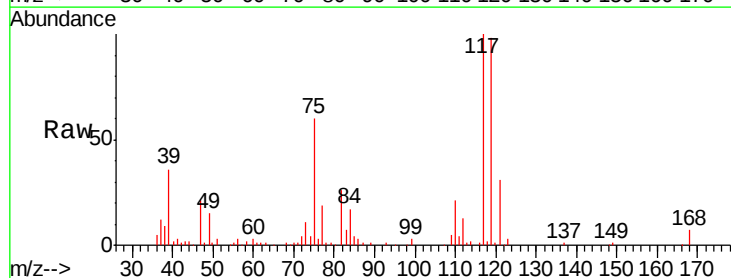
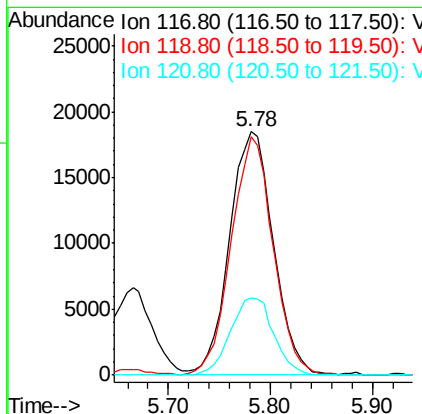
RT: 5.78 min Scan# 759

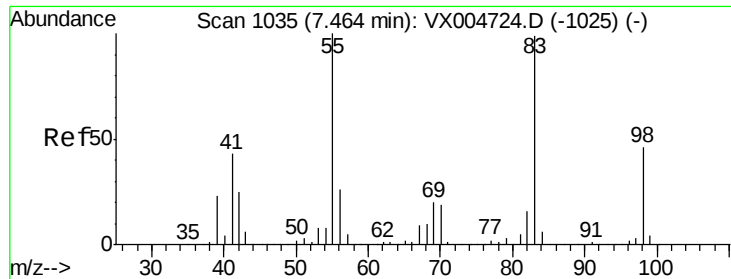
Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	117	Resp:	55132
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.2	112.8
121	31.5	22.5	33.7





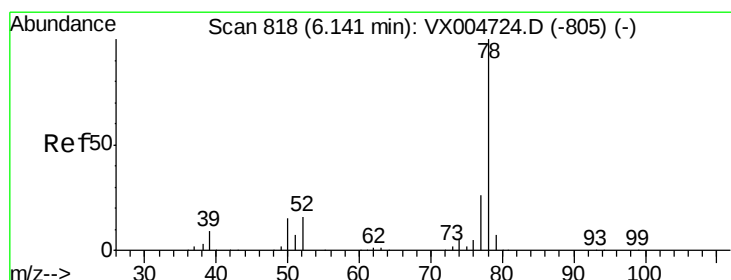
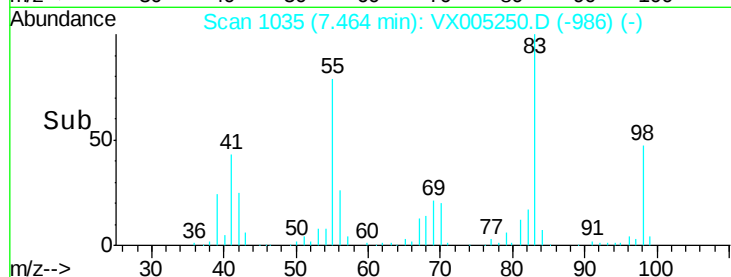
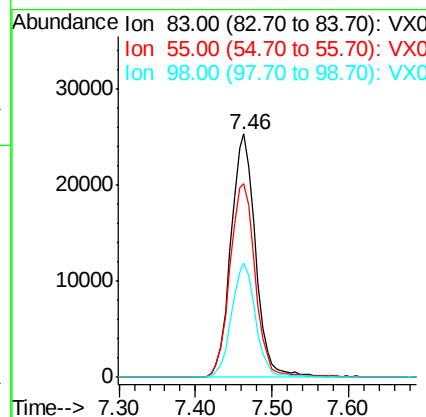
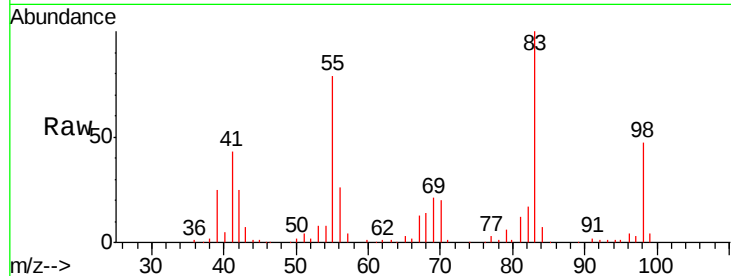
#39
Methylcyclohexane
Concen: 15.25 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.5	81.1	121.7#
98	47.2	37.3	55.9

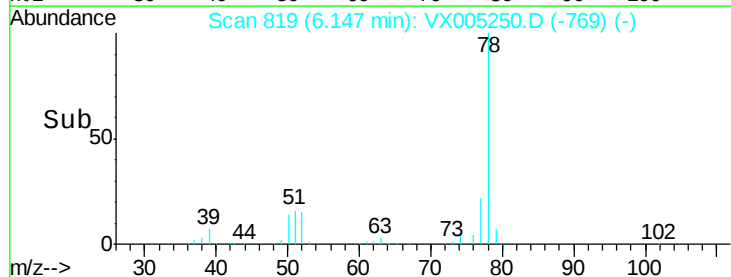
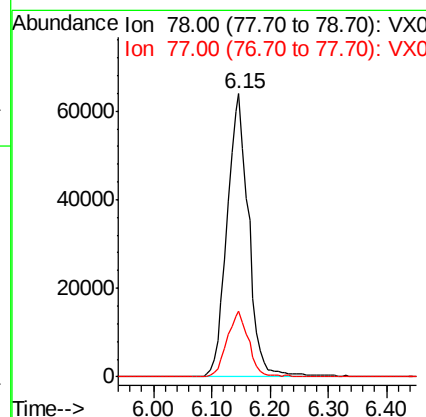
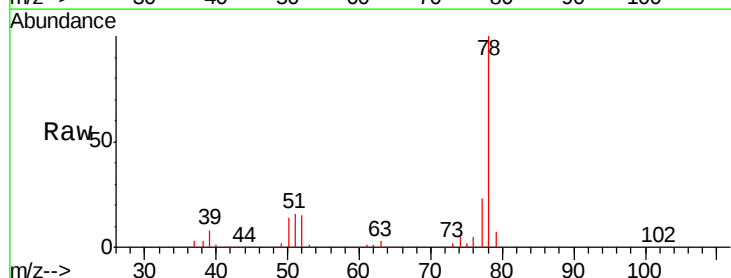
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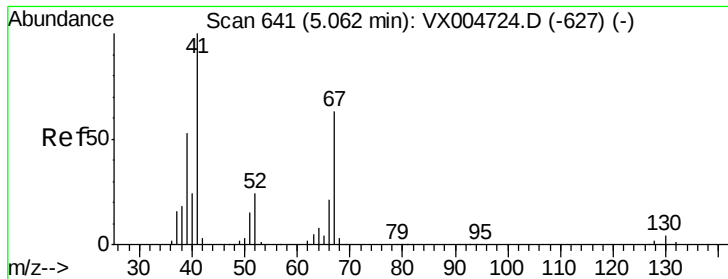
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#40
Benzene
Concen: 14.53 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	21.0	31.4





#41

Methacrylonitrile

Concen: 14.42 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

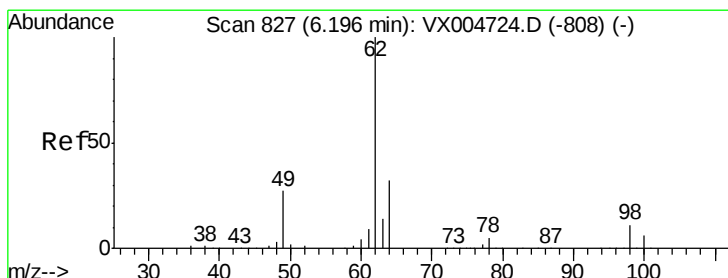
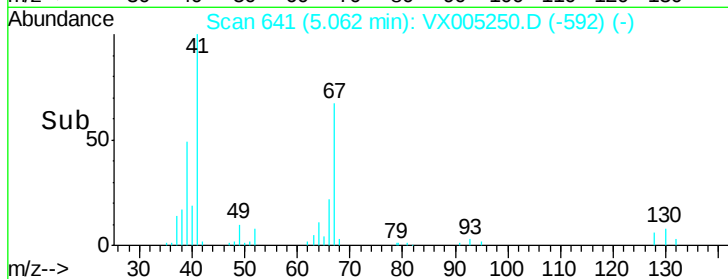
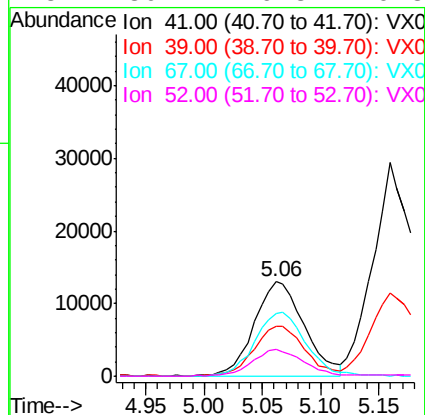
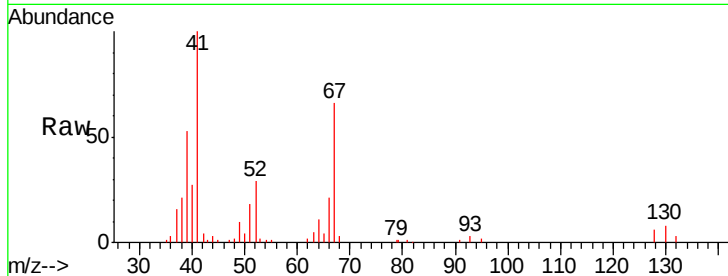
ClientSampleId :

VX1010WBS08

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	42.5	63.7	
67	69.4	53.0	79.6	
52	30.1	19.8	29.8	

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#42

1,2-Dichloroethane

Concen: 15.28 ug/l

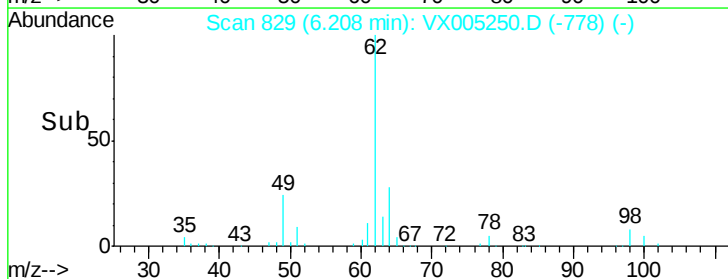
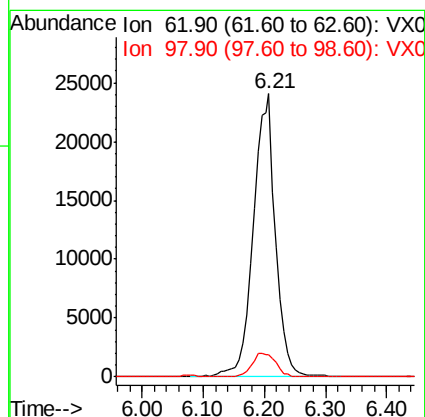
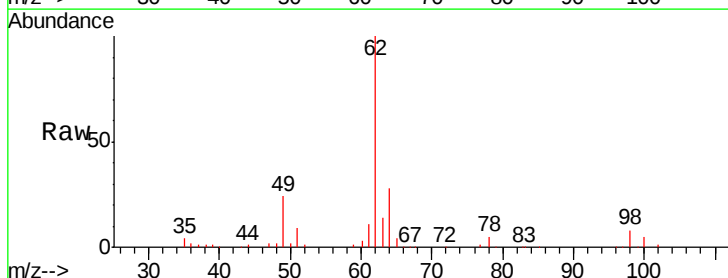
RT: 6.21 min Scan# 829

Delta R.T. 0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	20.2	





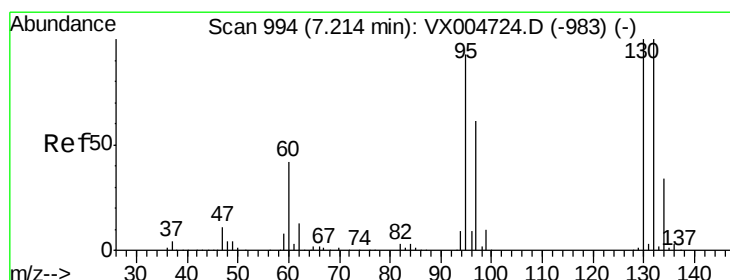
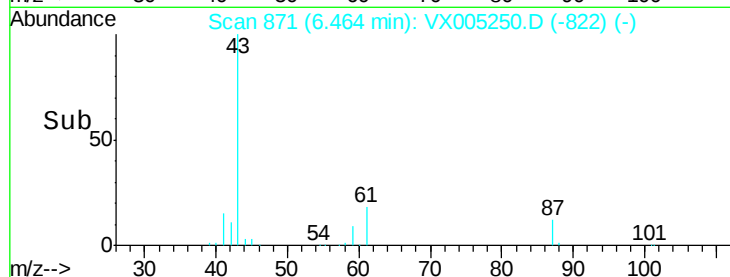
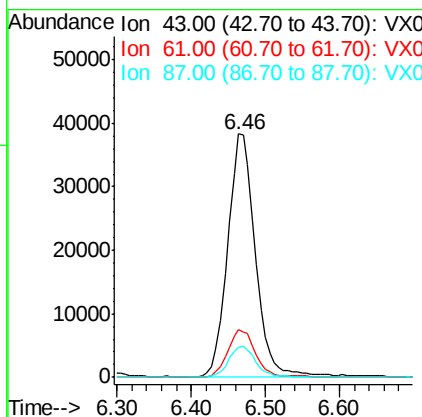
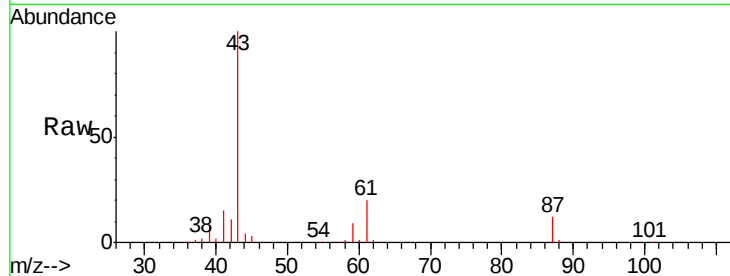
#43
Isopropyl Acetate
Concen: 14.19 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.2	21.4
87	12.8	9.3	13.9

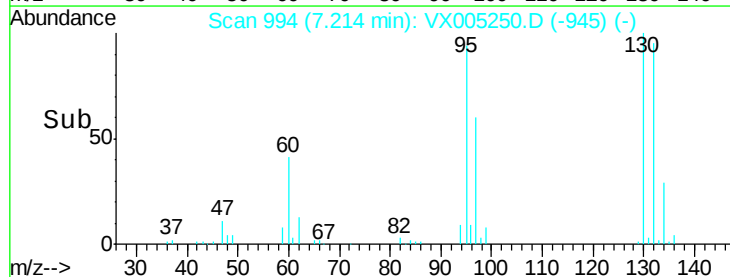
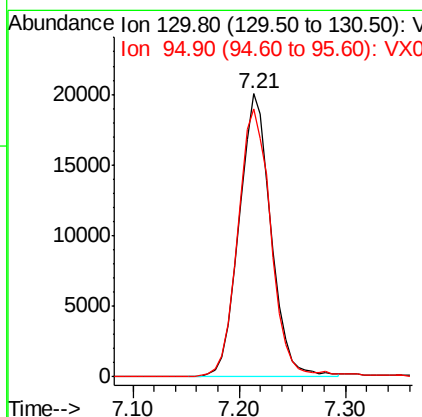
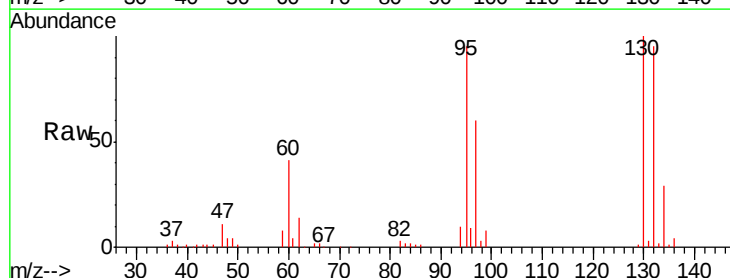
Manual Integrations
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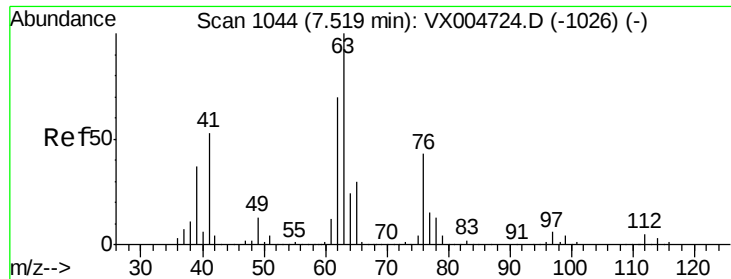
MMDadoda
10/12/2018 11:45:06 AM



#44
Trichloroethene
Concen: 15.16 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	186.8





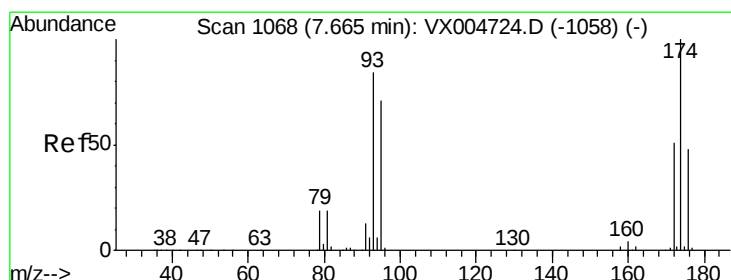
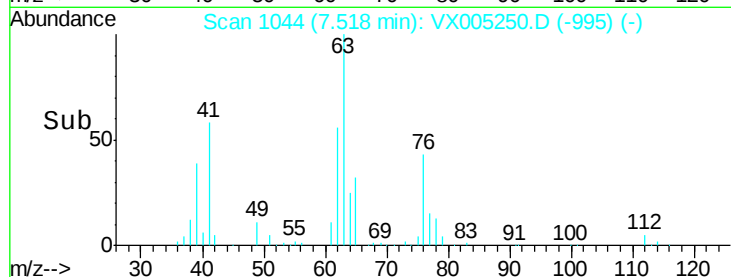
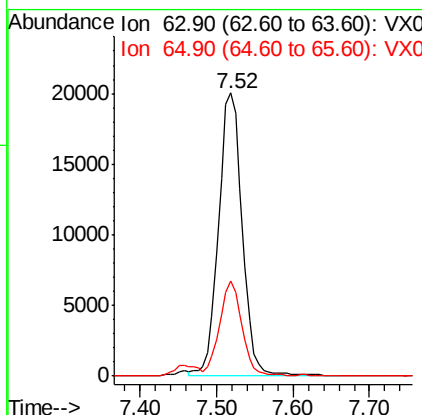
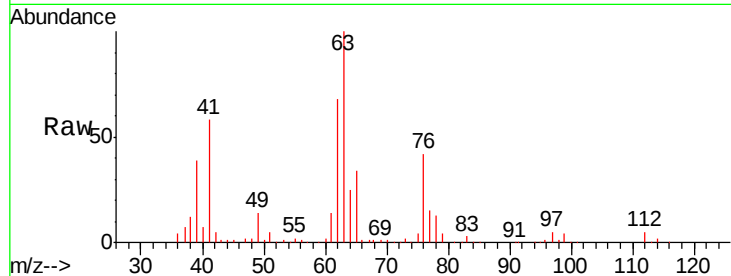
#45
1,2-Dichloropropane
Concen: 15.48 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion: 63 Resp: 43055
Ion Ratio Lower Upper
63 100
65 33.6 23.9 35.9

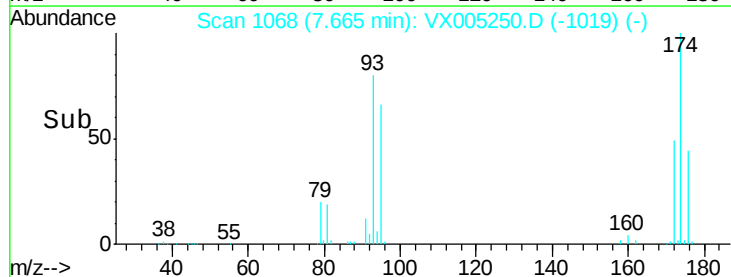
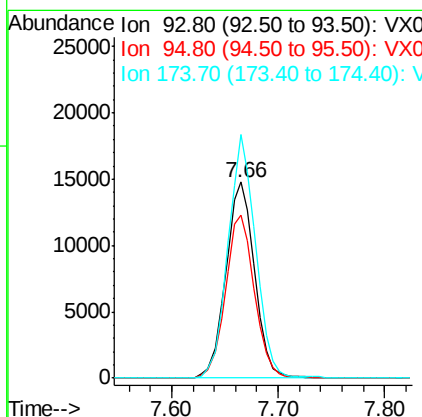
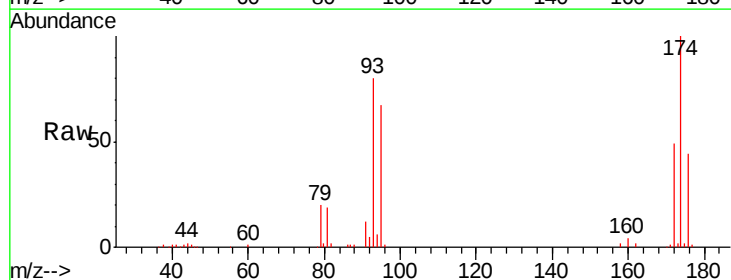
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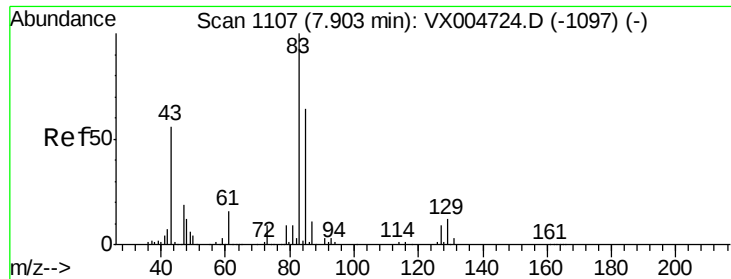
MMDadoda
10/12/2018 11:45:06 AM



#46
Dibromomethane
Concen: 15.93 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion: 93 Resp: 27849
Ion Ratio Lower Upper
93 100
95 83.8 66.7 100.1
174 119.8 92.7 139.1





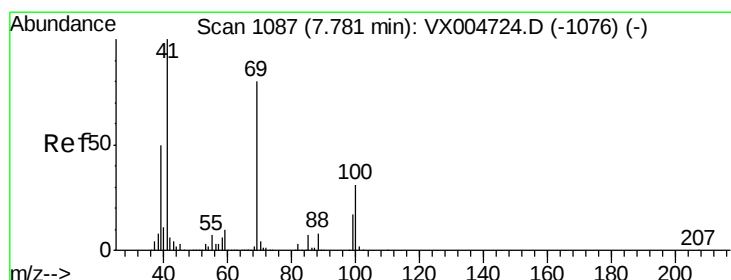
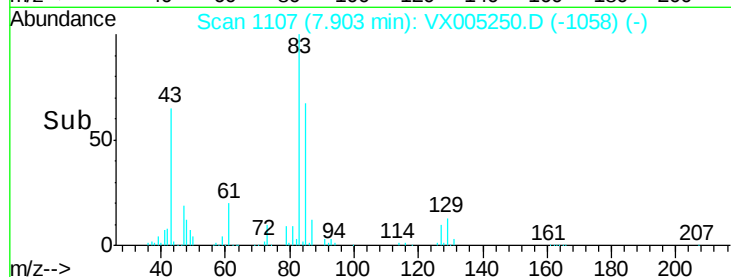
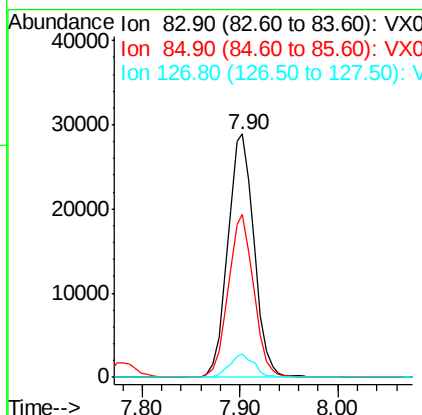
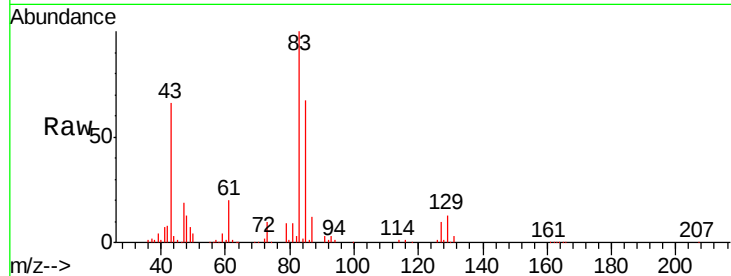
#47
Bromodichloromethane
Concen: 16.39 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.2	76.8
127	9.6	7.0	10.6

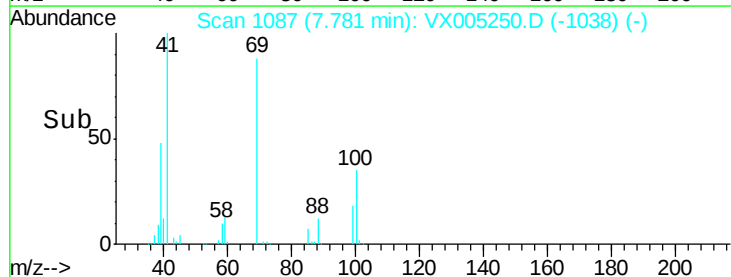
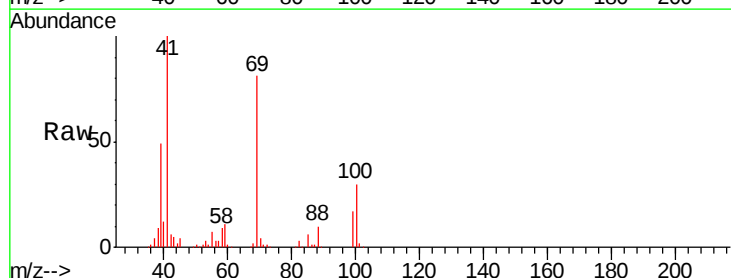
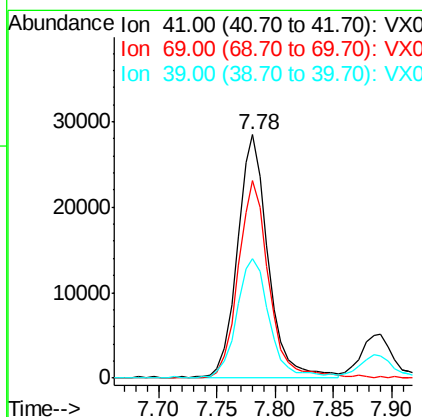
Manual Integrations
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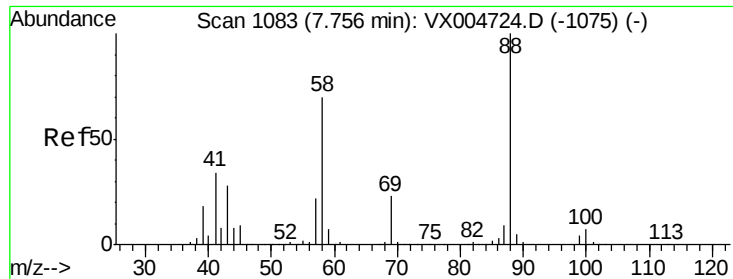
MMDadoda
10/12/2018 11:45:06 AM



#48
Methyl methacrylate
Concen: 16.48 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.2	63.8	95.6
39	51.2	40.7	61.1





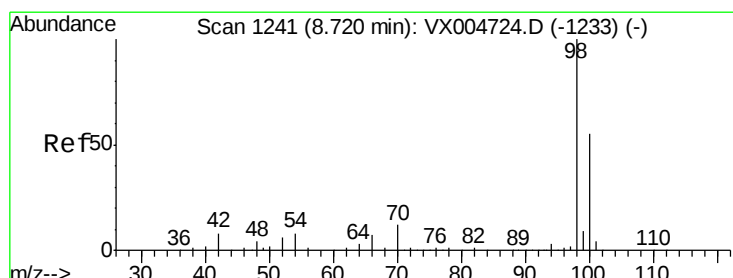
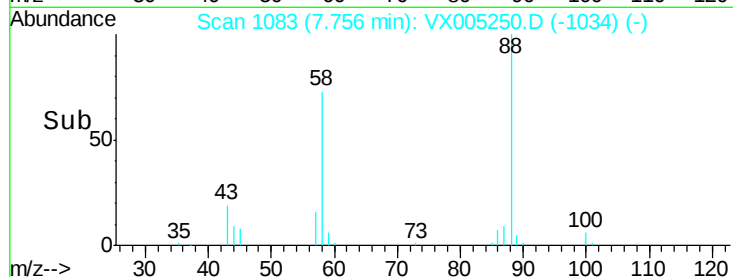
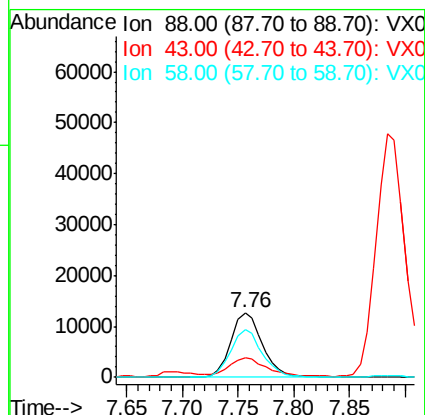
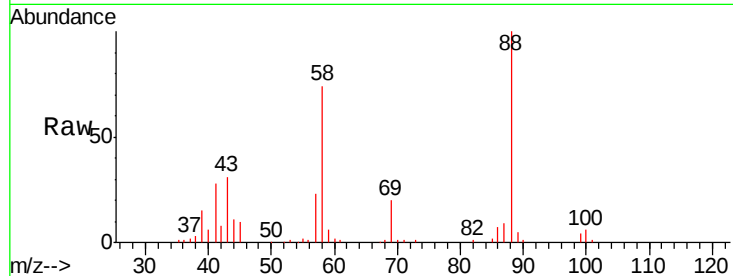
#49
1,4-Dioxane
Concen: 322.17 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.1	37.7
58	74.9	56.2	84.2

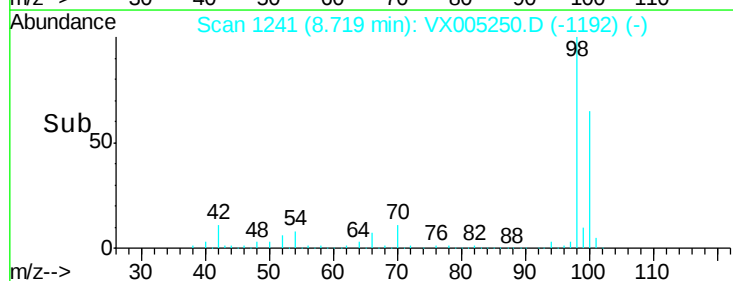
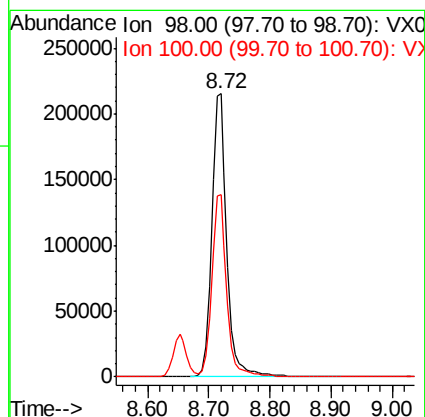
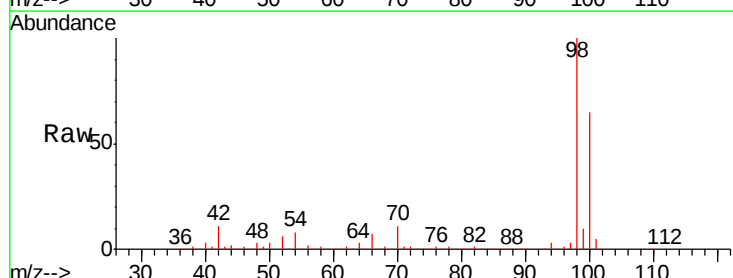
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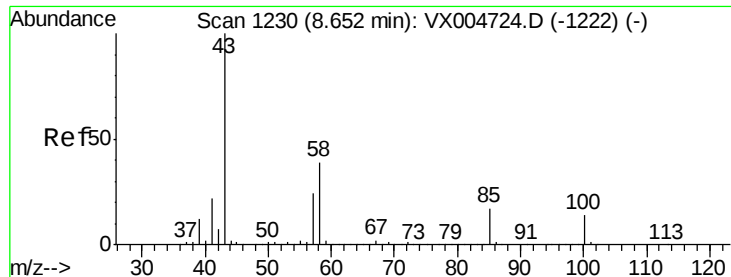
MMDadoda
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#50
Toluene-d8
Concen: 42.11 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 84.05 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 43 Resp: 367411

Ion Ratio Lower Upper

43 100

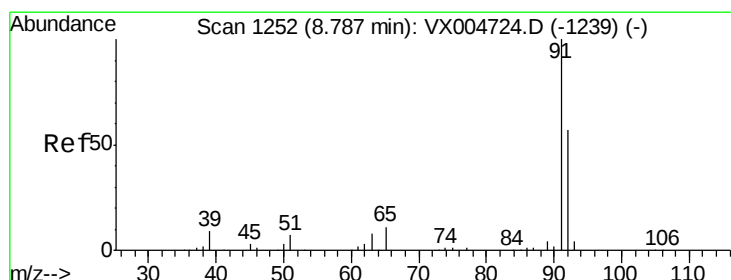
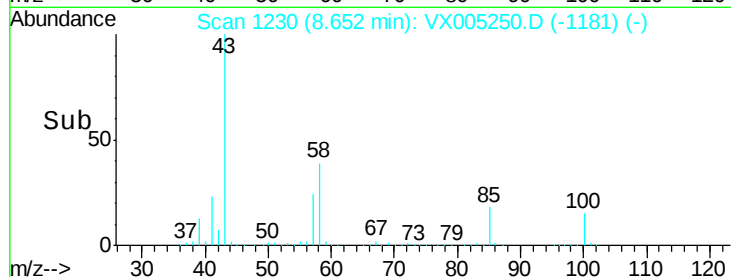
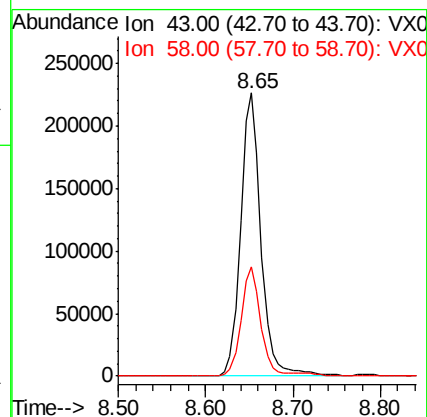
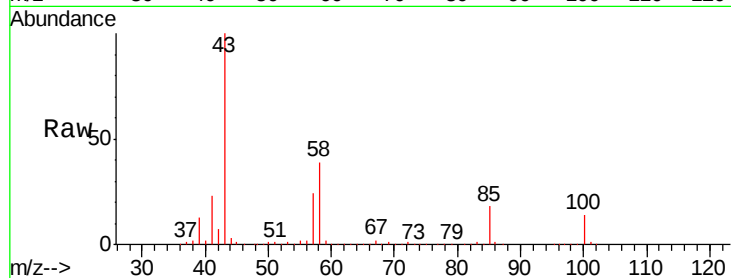
58 37.1 30.5 45.7

Manual Integrations

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MMDadoda

10/12/2018 11:45:06 AM



#52

Toluene

Concen: 16.22 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005250.D

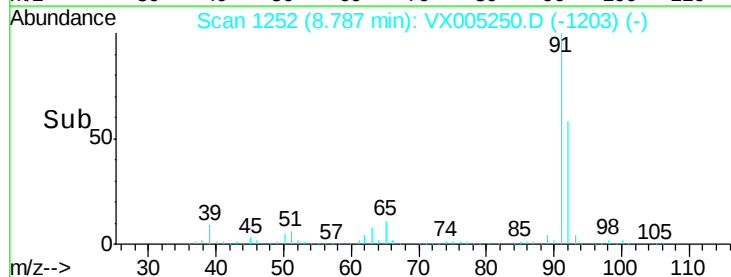
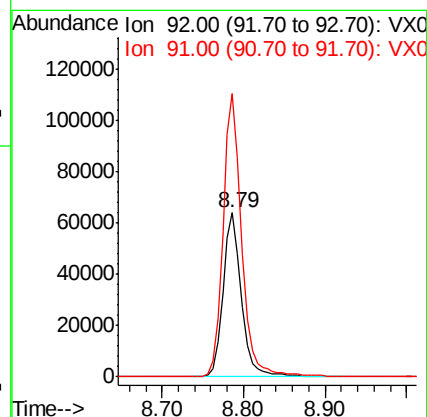
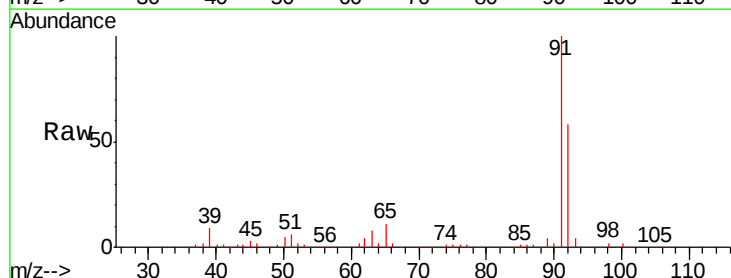
Acq: 11 Oct 2018 12:34

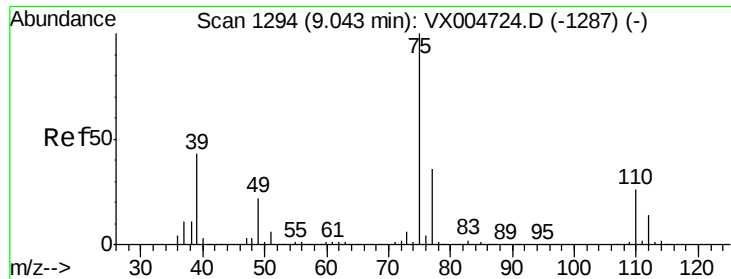
Tgt Ion: 92 Resp: 101134

Ion Ratio Lower Upper

92 100

91 175.1 136.7 205.1





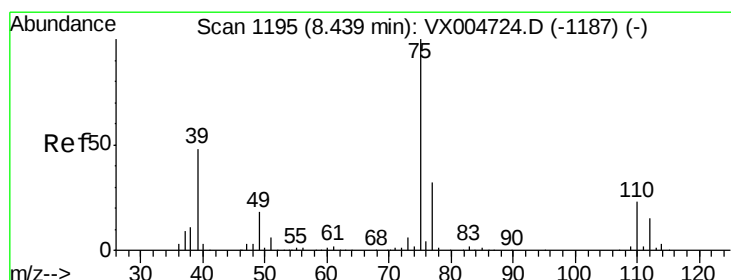
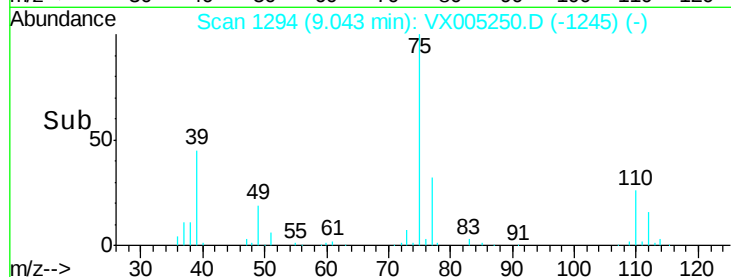
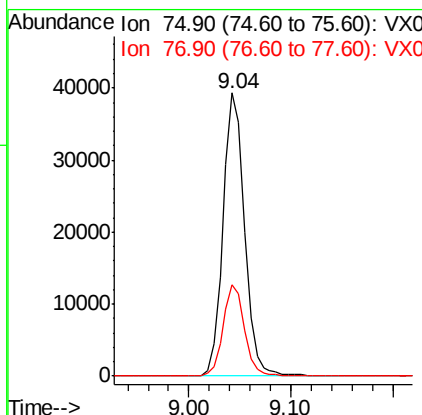
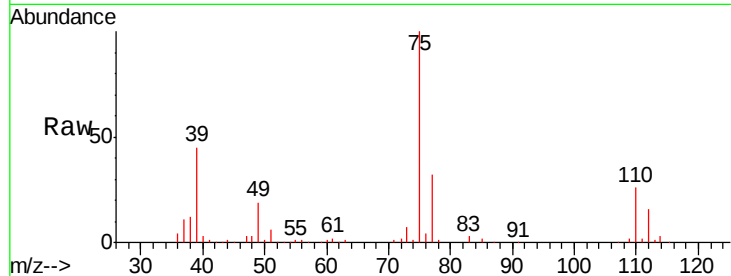
#53
t-1,3-Dichloropropene
Concen: 15.58 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion: 75 Resp: 57643
Ion Ratio Lower Upper
75 100
77 32.2 28.9 43.3

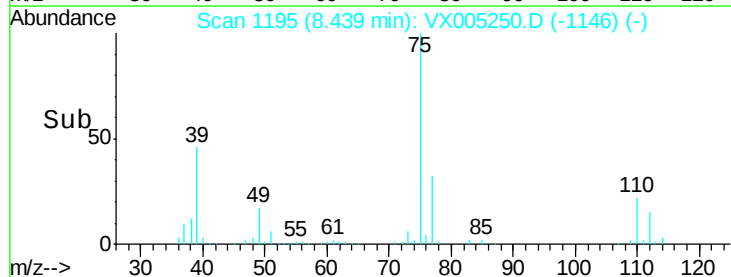
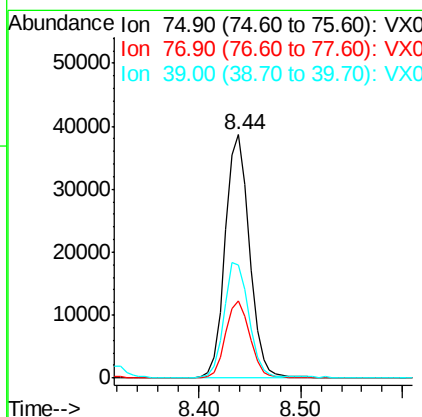
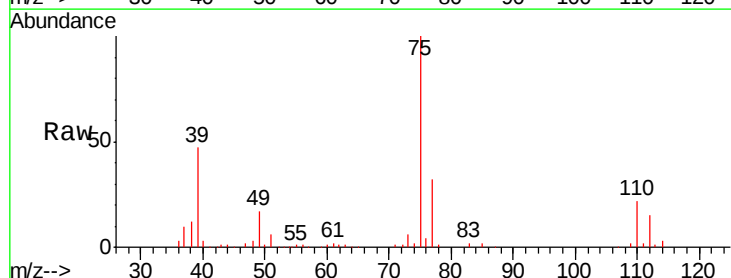
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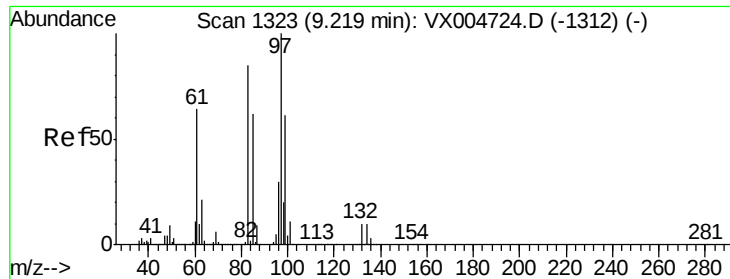
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#54
cis-1,3-Dichloropropene
Concen: 16.49 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion: 75 Resp: 63908
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 46.3 38.3 57.5





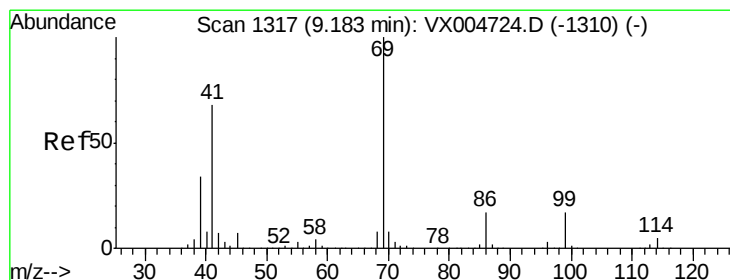
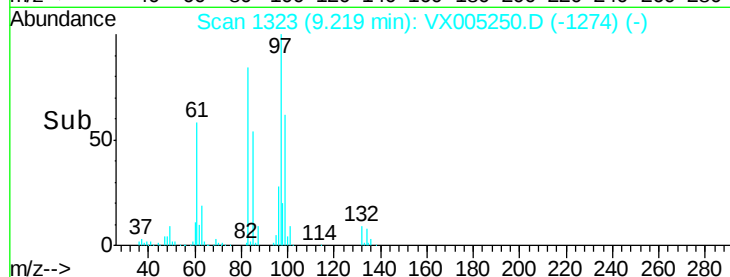
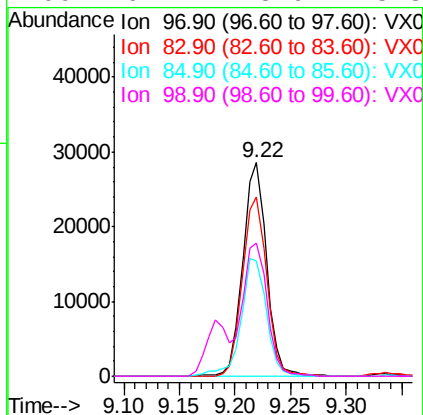
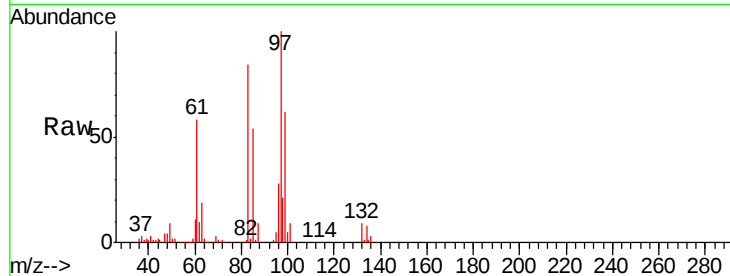
#55
 1,1,2-Trichloroethane
 Concen: 15.54 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.2
85	54.1	49.9	74.9
99	62.1	48.9	73.3

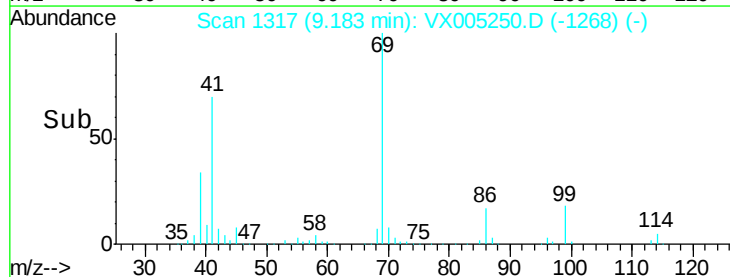
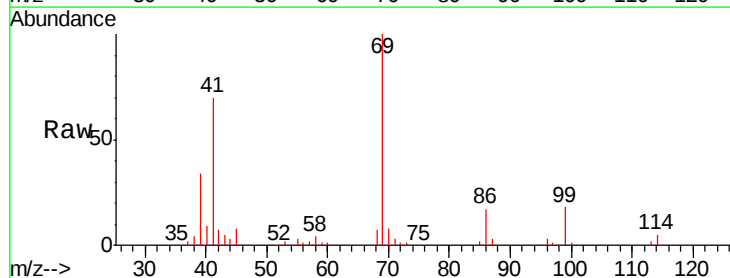
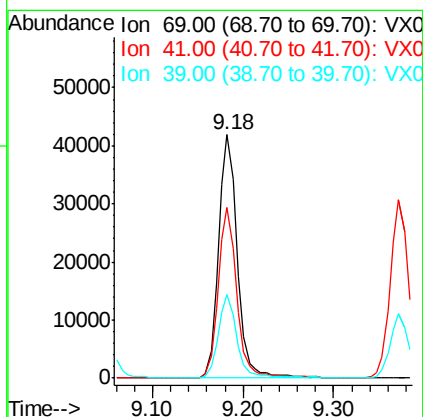
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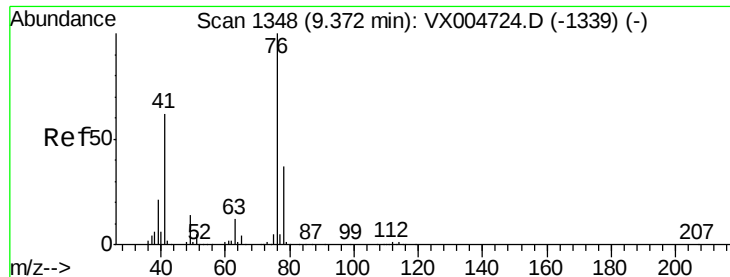
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#56
 Ethyl methacrylate
 Concen: 15.77 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.9	85.3
39	33.7	28.4	42.6





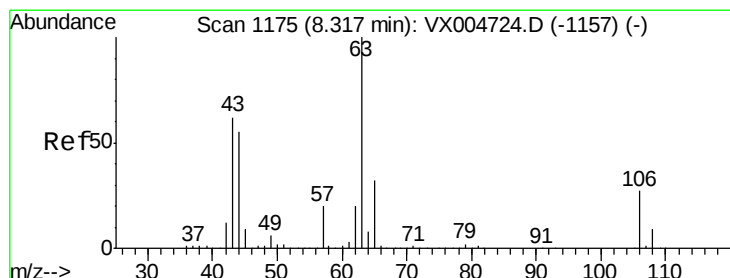
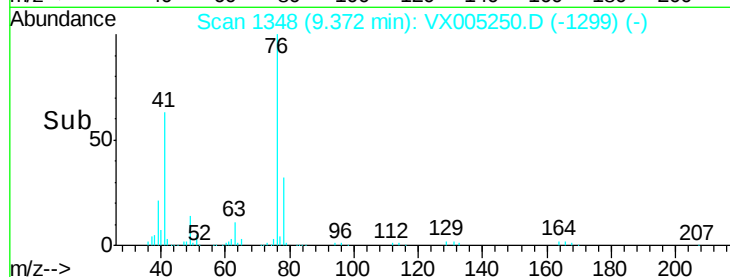
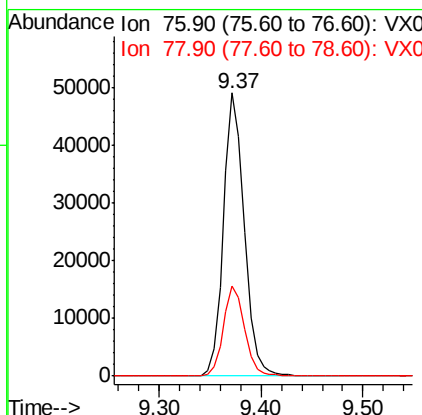
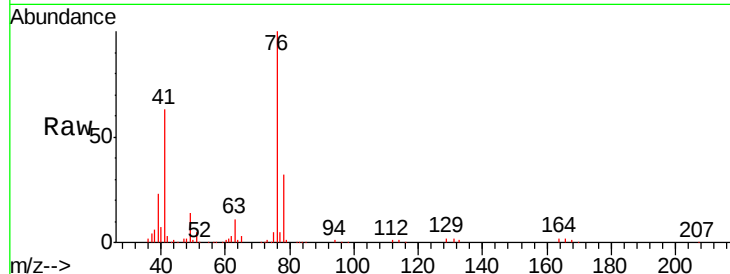
#57
 1,3-Dichloropropane
 Concen: 15.30 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion: 76 Resp: 69537
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.6 40.0

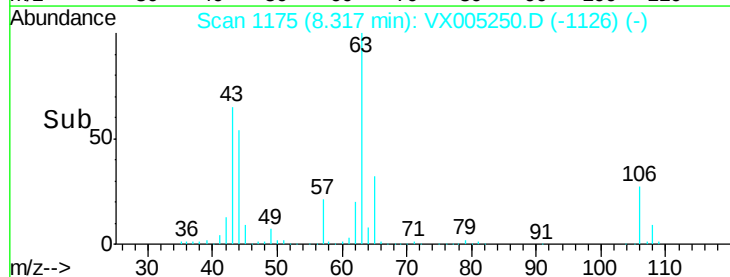
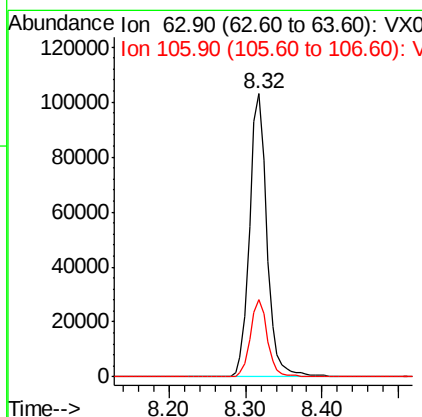
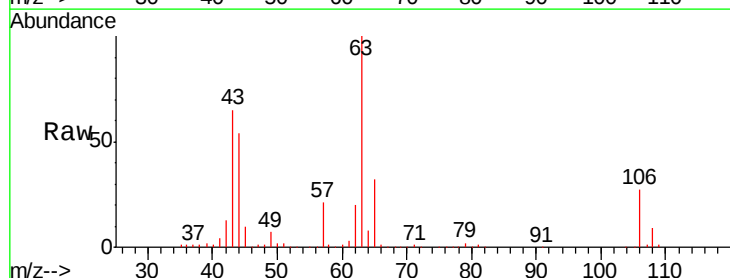
Manual Integrations
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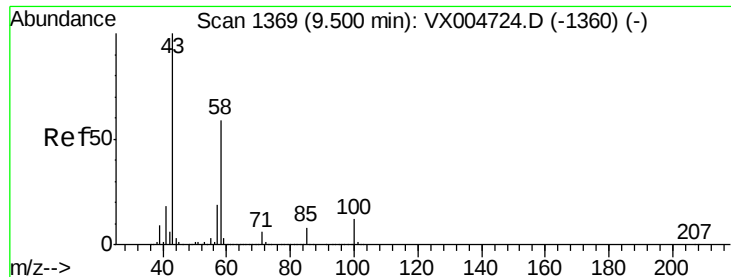
MMDadoda
 10/12/2018 11:45:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 79.73 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion: 63 Resp: 163381
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.0 31.6





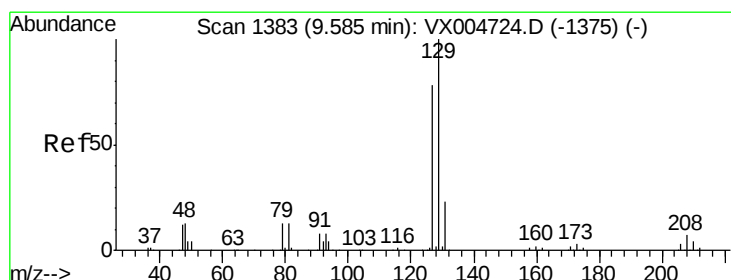
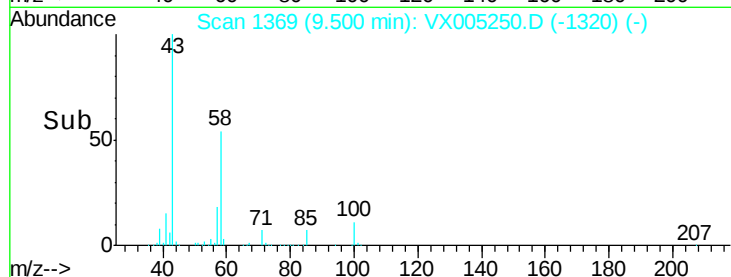
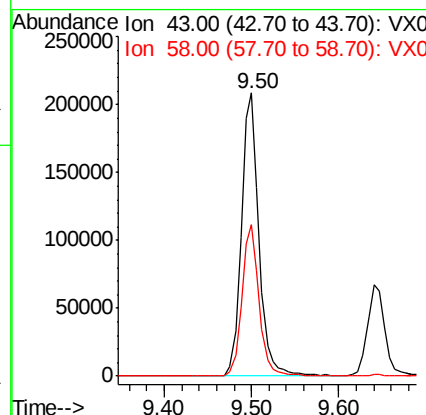
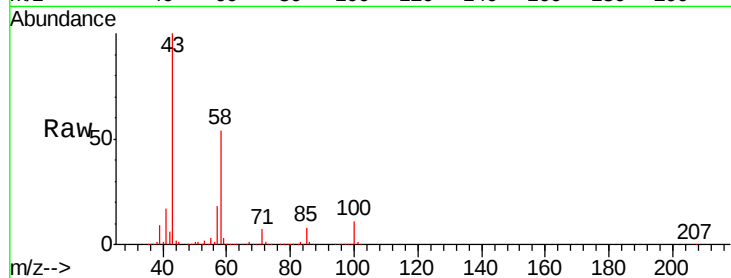
#59
2-Hexanone
Concen: 80.28 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.6	28.4	85.3

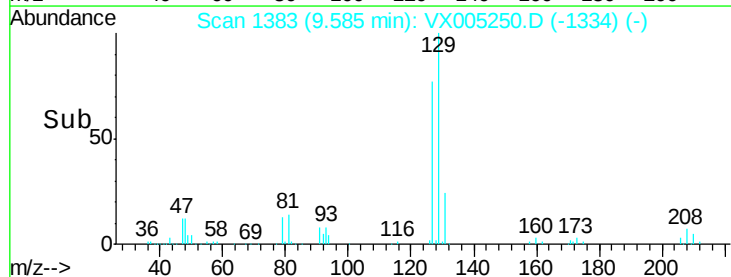
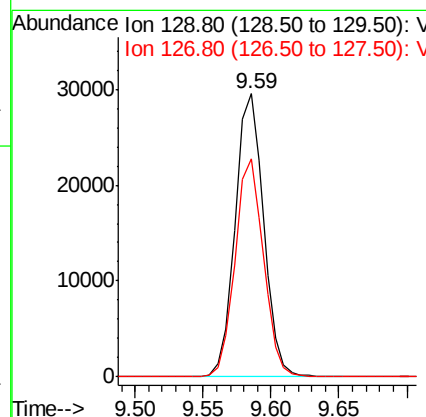
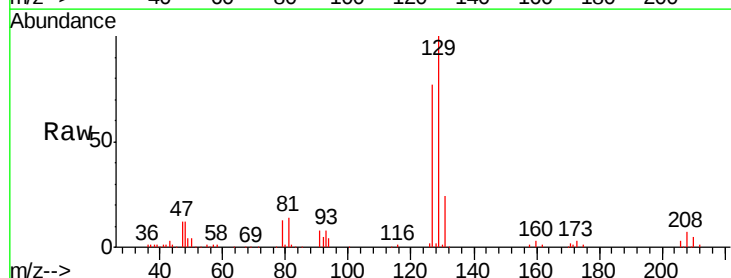
Manual Integrations
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#60
Dibromochloromethane
Concen: 15.78 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.2





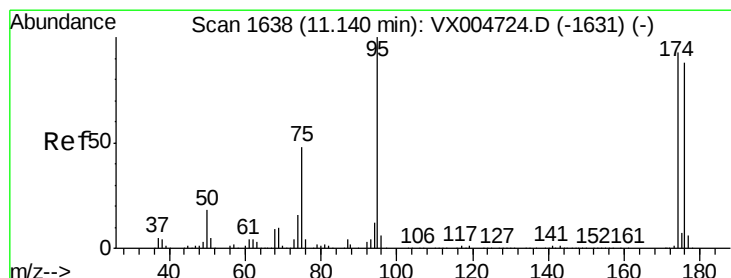
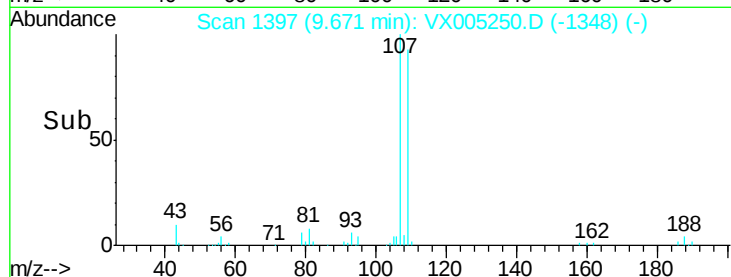
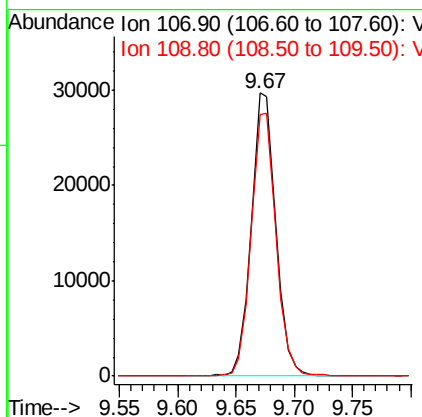
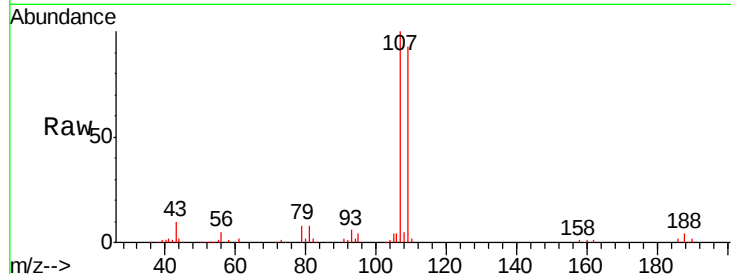
#61
 1,2-Dibromoethane
 Concen: 14.92 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion: 107 Resp: 43639
 Ion Ratio Lower Upper
 107 100
 109 94.5 72.1 108.1

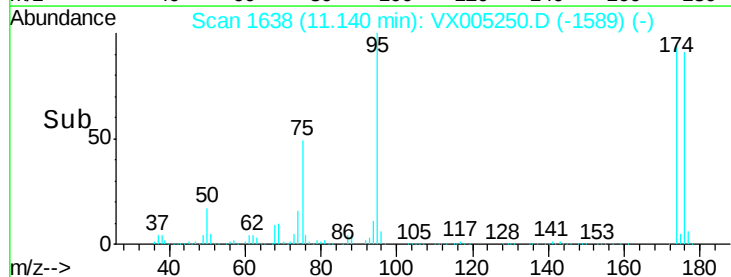
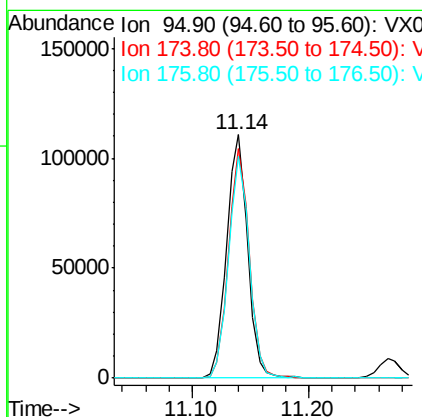
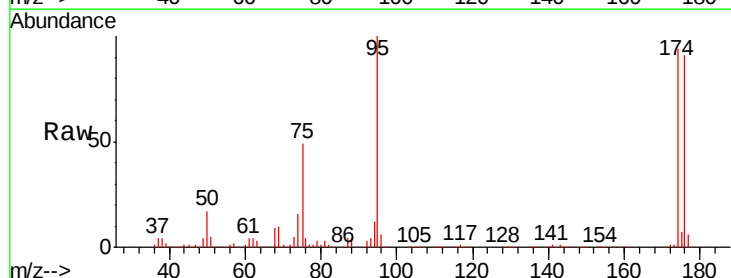
Manual Integrations
 APPROVED

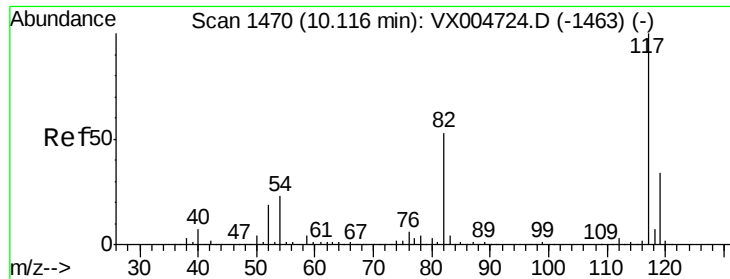
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#62
 4-Bromofluorobenzene
 Concen: 43.60 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion: 95 Resp: 138695
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 185.0
 176 90.8 0.0 180.2





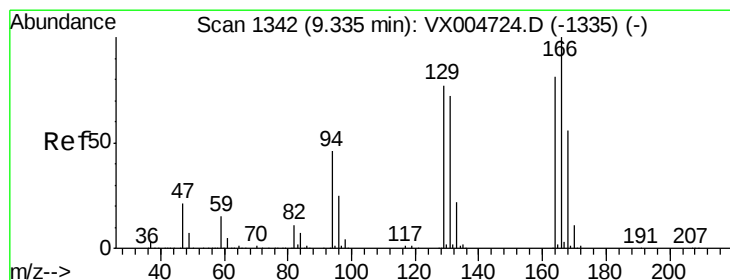
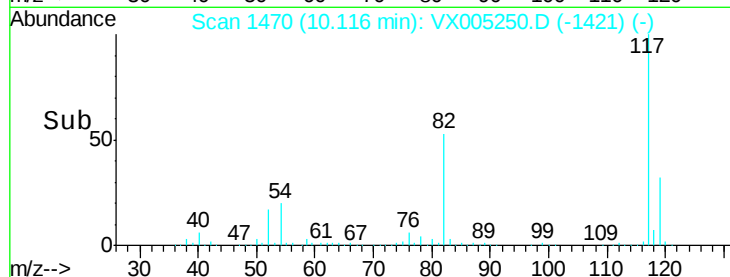
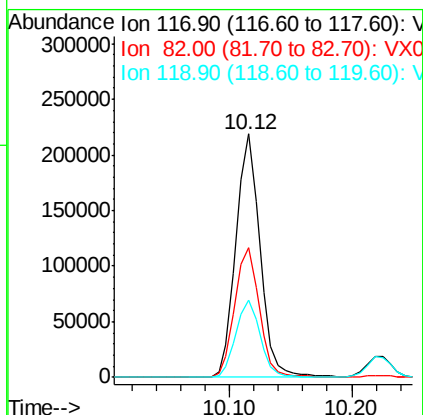
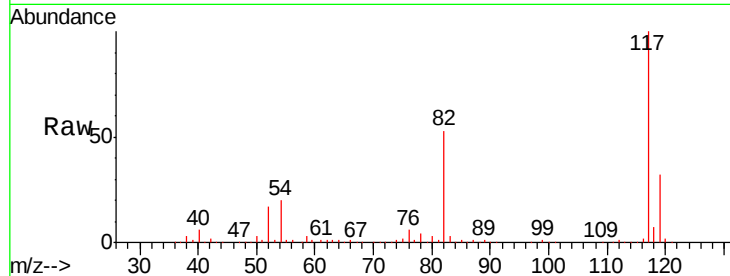
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298762		
82	53.0	42.2	63.4	
119	31.9	27.4	41.0	

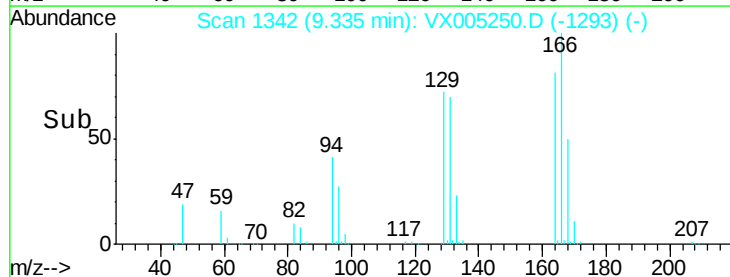
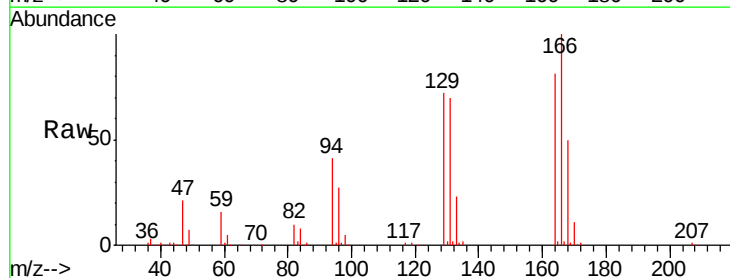
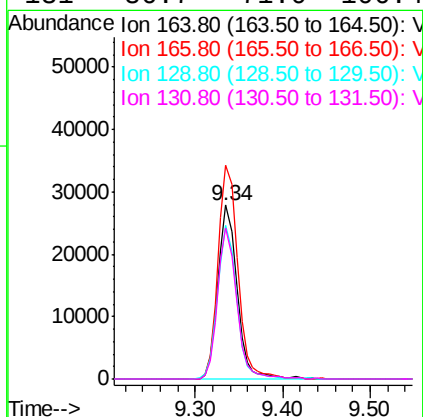
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#64
Tetrachloroethene
Concen: 14.42 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42414		
166	123.0	98.4	147.6	
129	88.8	76.1	114.1	
131	86.7	71.0	106.4	





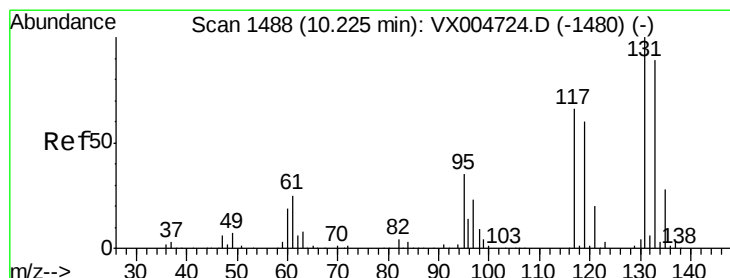
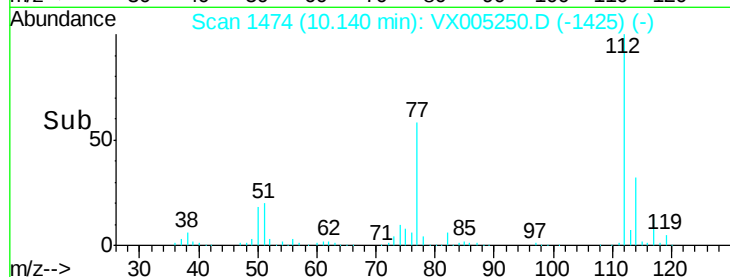
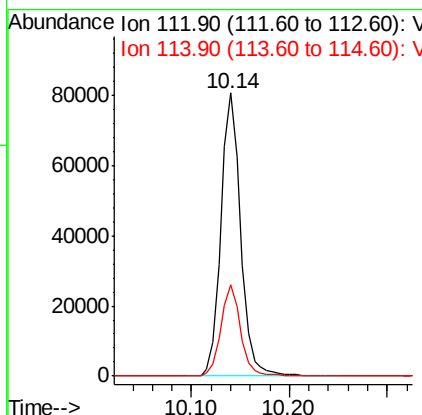
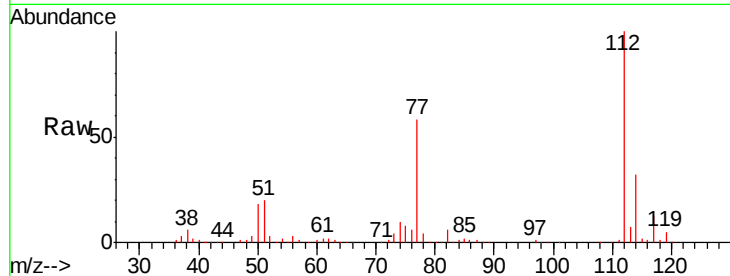
#65
Chlorobenzene
Concen: 14.80 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion:112 Resp: 113409
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1

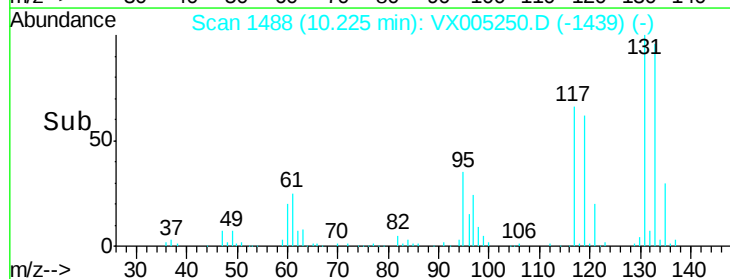
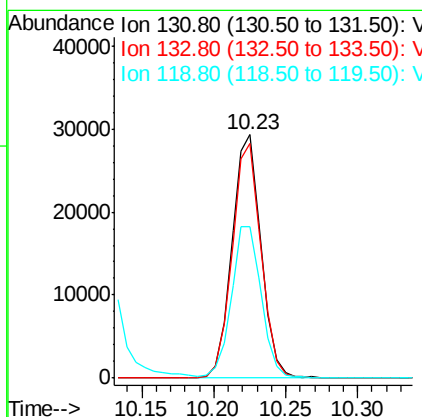
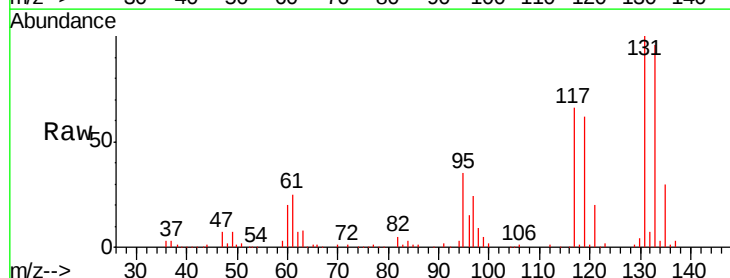
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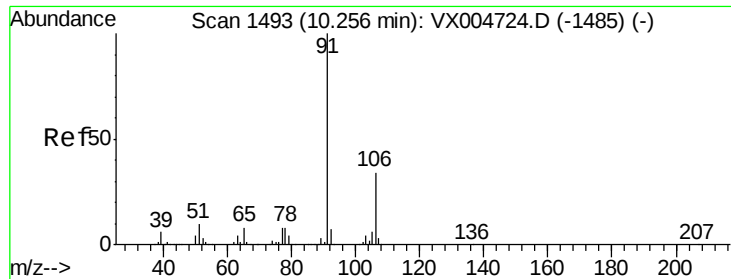
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#66
1,1,1,2-Tetrachloroethane
Concen: 15.26 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion:131 Resp: 41106
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.0
119 64.6 32.3 96.8





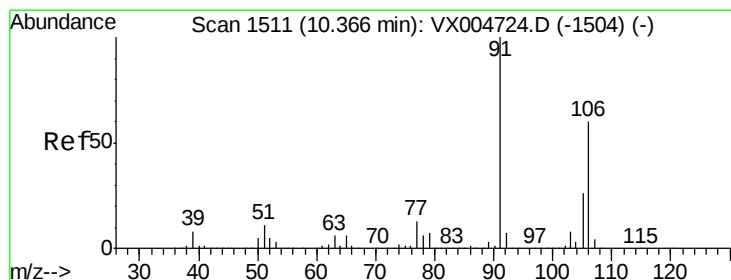
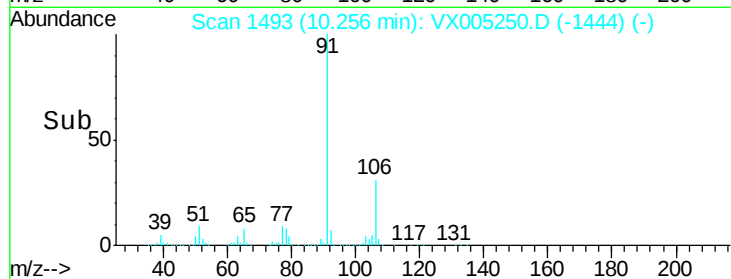
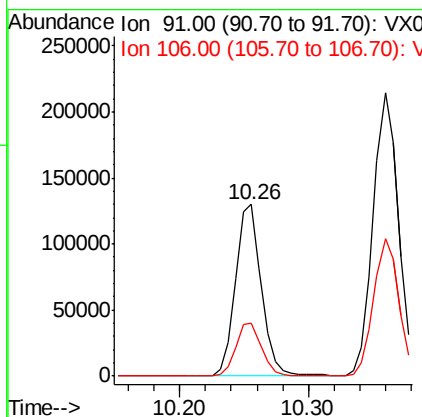
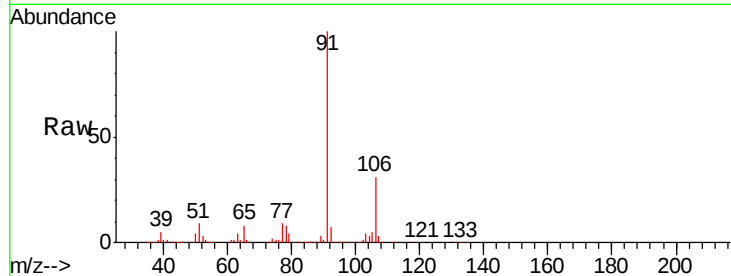
#67
Ethyl Benzene
Concen: 14.97 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion: 91 Resp: 182067
Ion Ratio Lower Upper
91 100
106 31.2 26.9 40.3

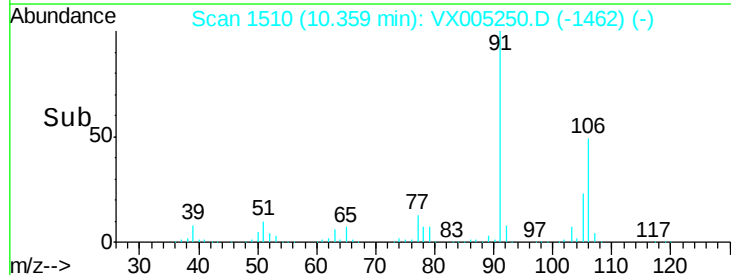
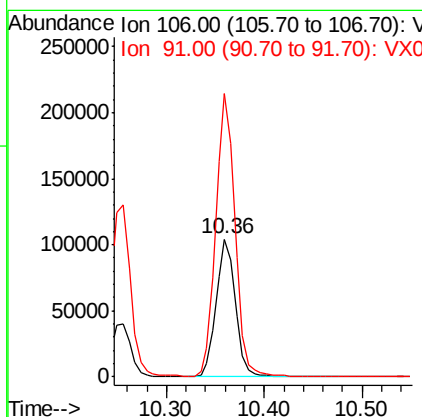
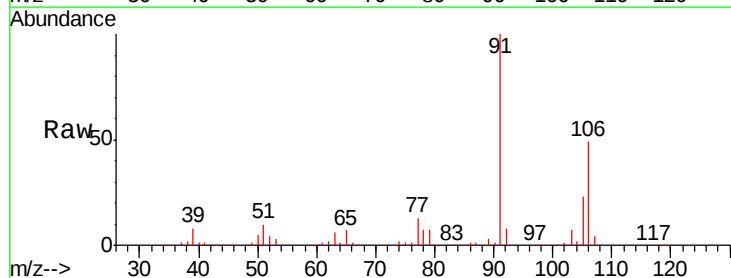
Manual Integrations
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#68
m/p-Xylenes
Concen: 30.11 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion: 106 Resp: 143117
Ion Ratio Lower Upper
106 100
91 206.2 157.5 236.3





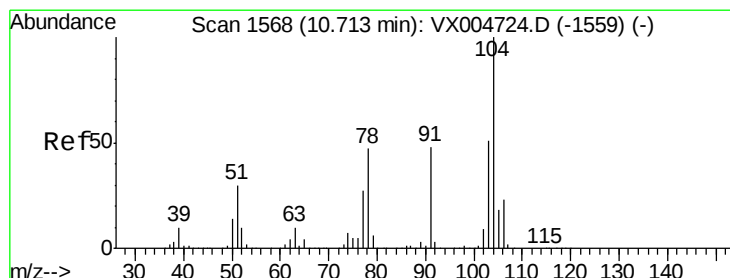
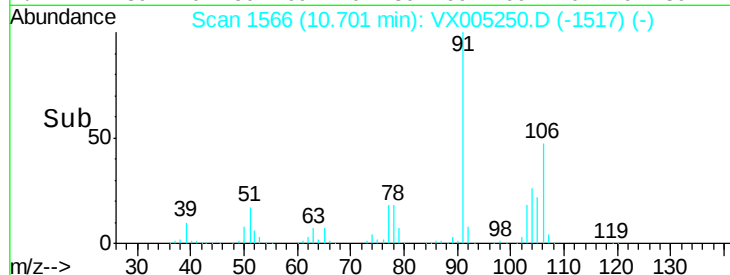
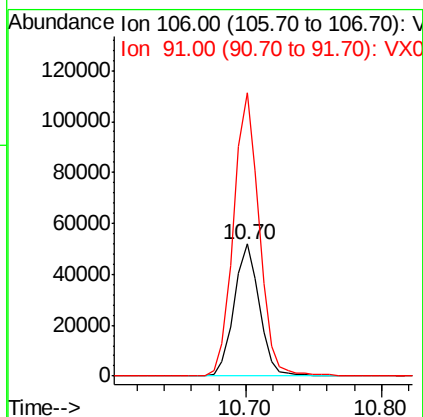
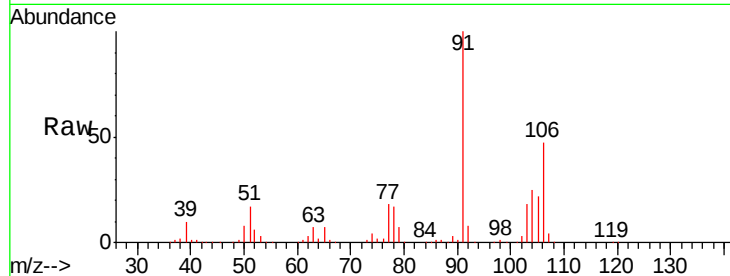
#69
o-Xylene
Concen: 15.45 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion:106 Resp: 67440
Ion Ratio Lower Upper
106 100
91 217.8 108.3 324.8

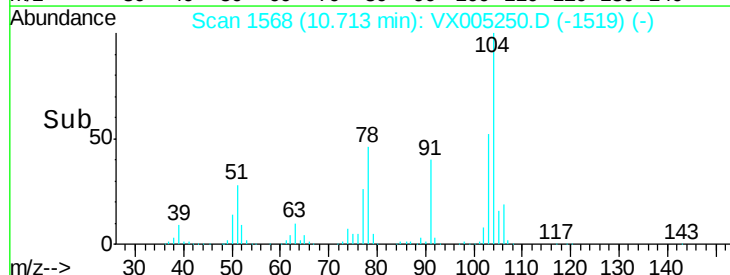
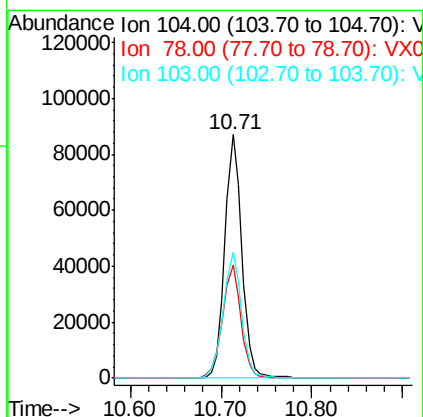
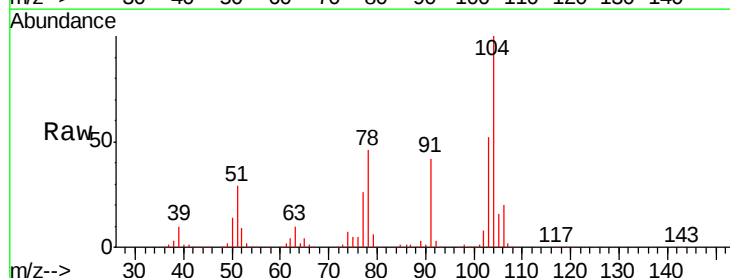
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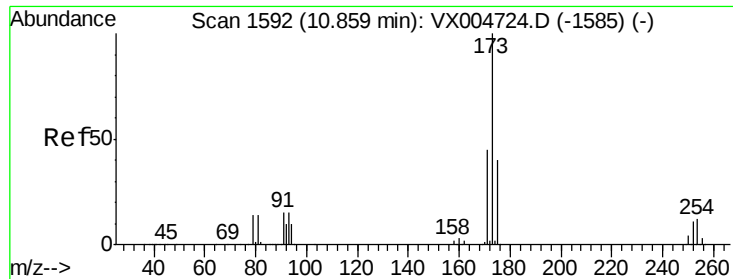
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#70
Styrene
Concen: 15.56 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion:104 Resp: 114503
Ion Ratio Lower Upper
104 100
78 50.8 40.0 60.0
103 55.8 44.3 66.5





#71

Bromoform

Concen: 15.13 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

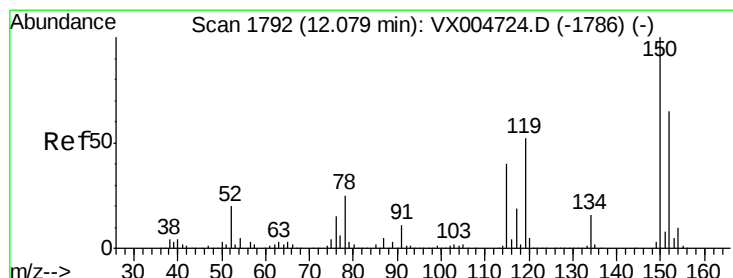
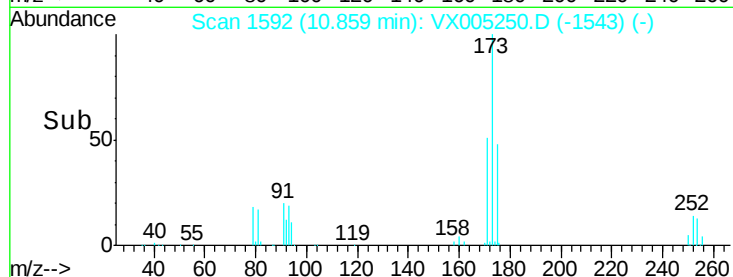
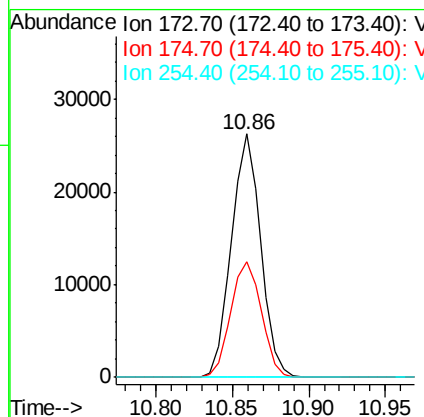
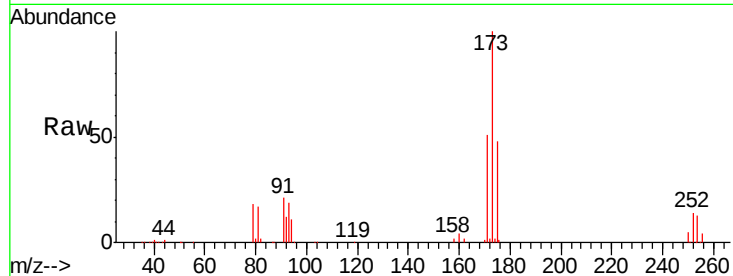
ClientSampleId :

VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.3	69.8
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

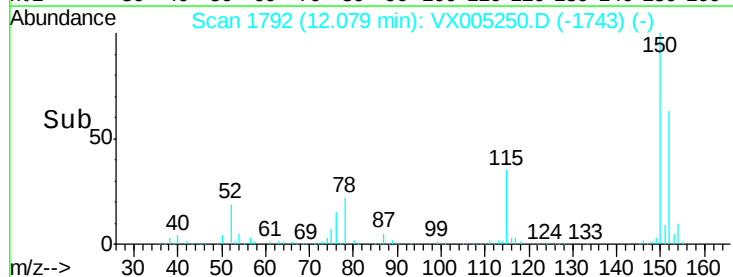
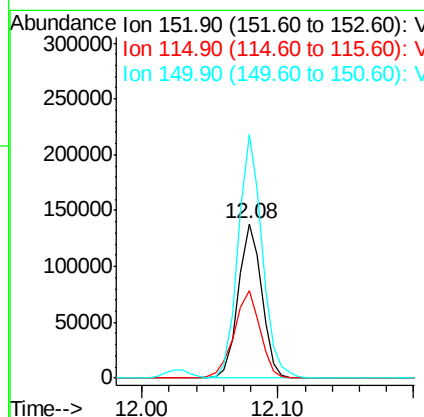
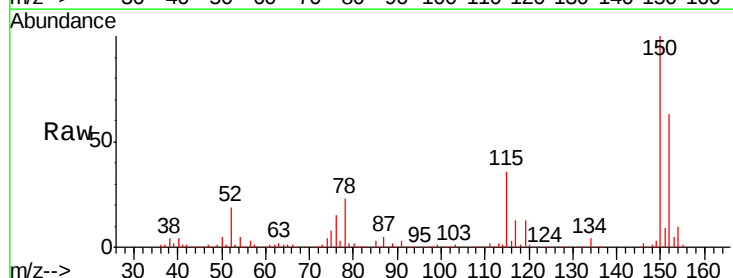
RT: 12.08 min Scan# 1792

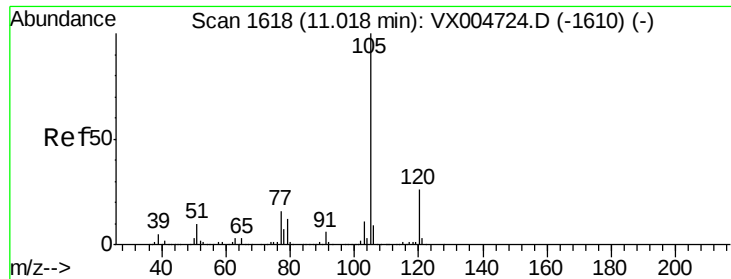
Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	40.2	120.6
150	162.3	0.0	351.0





#73

Isopropylbenzene

Concen: 18.06 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 105 Resp: 188484

Ion Ratio Lower Upper

105 100

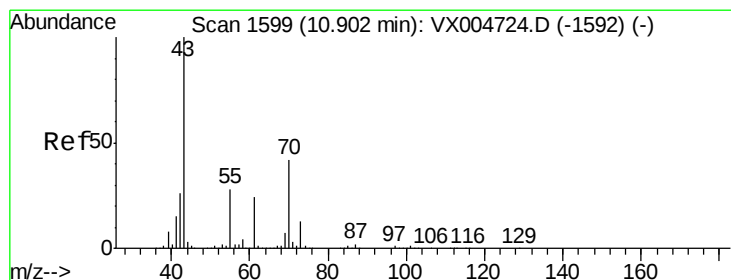
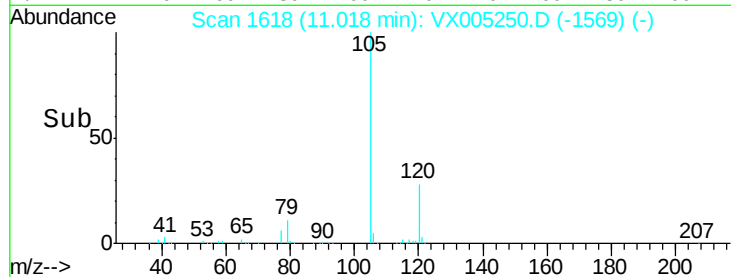
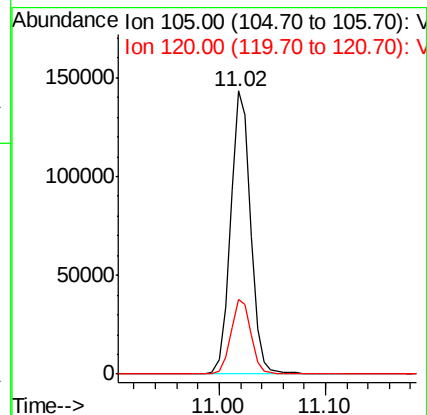
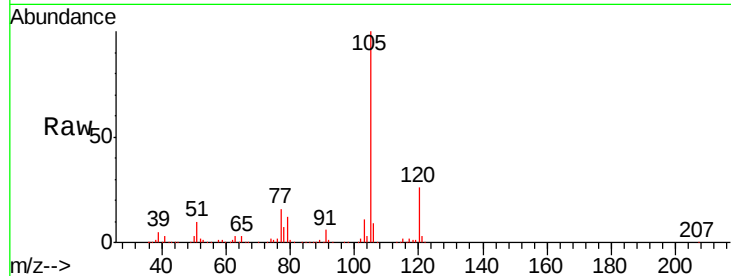
120 26.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.35 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion: 43 Resp: 86758

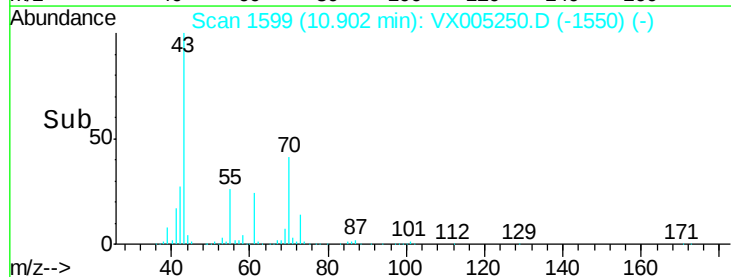
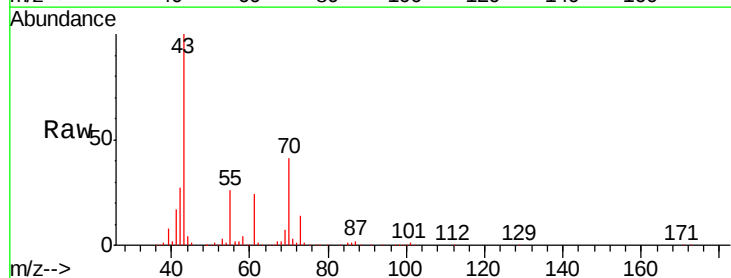
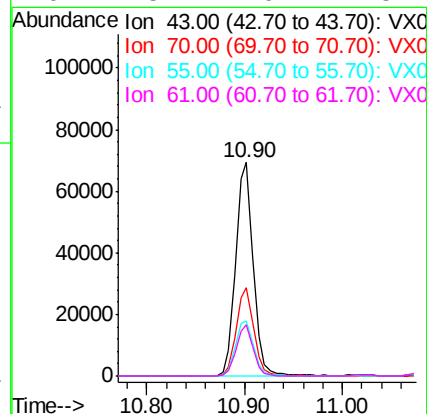
Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 27.3 21.6 32.4

61 23.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 16.52 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

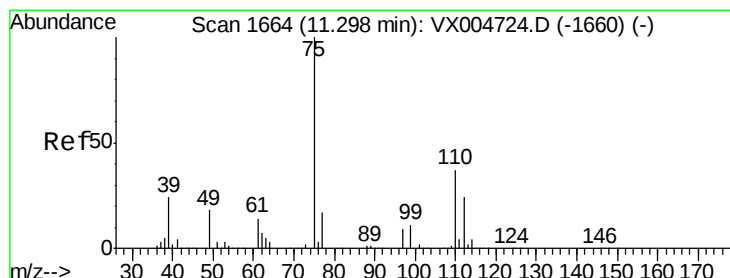
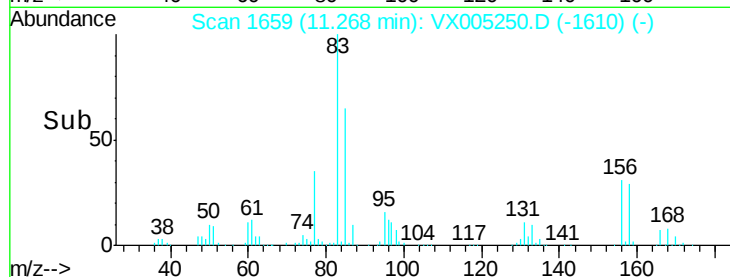
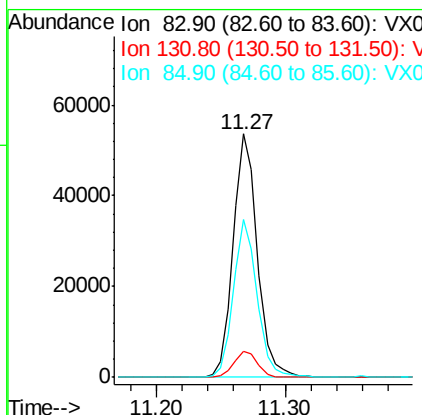
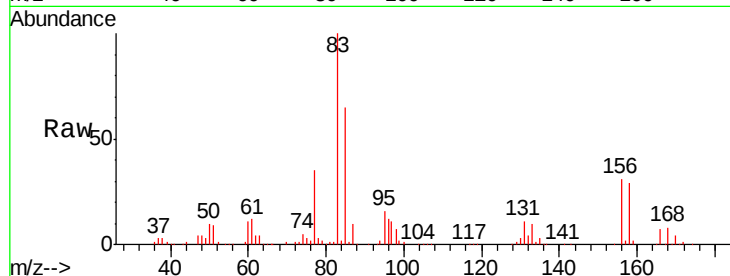
ClientSampleId :

VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	64.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.21 ug/l m

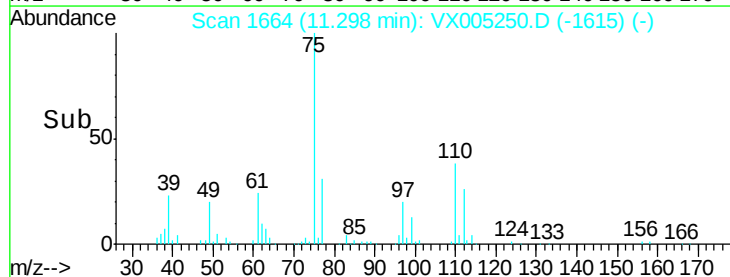
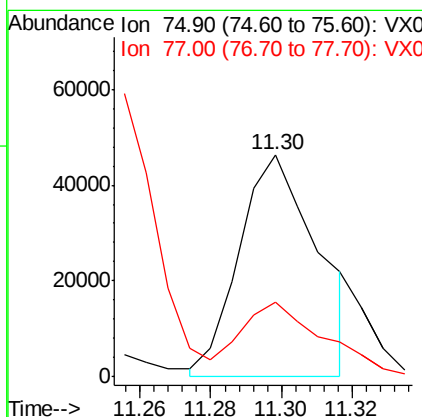
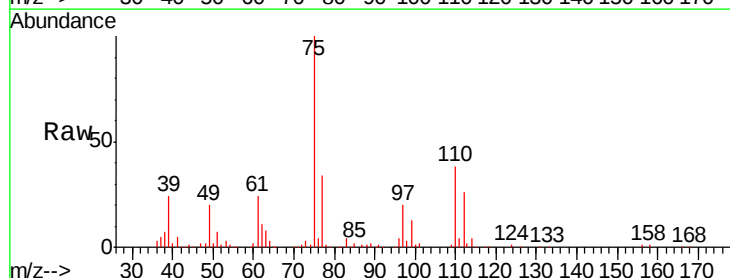
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.9	21.4	64.3





#77

Bromobenzene

Concen: 17.13 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

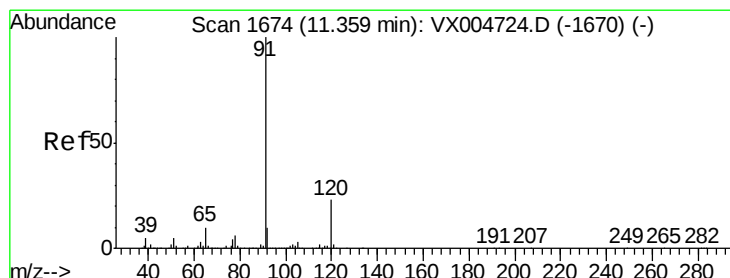
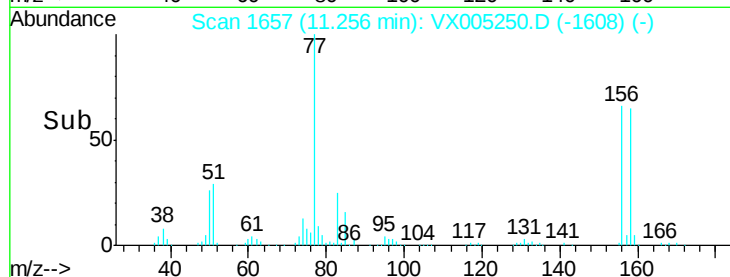
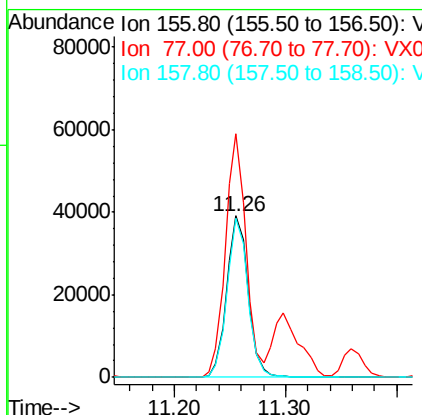
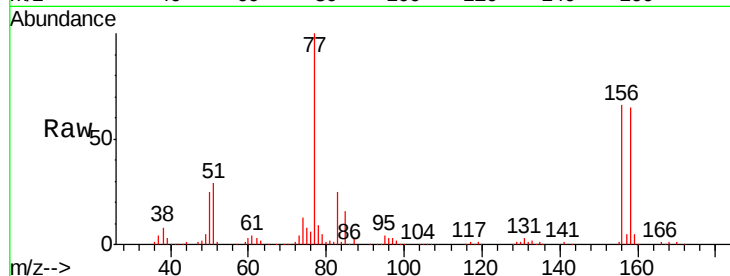
ClientSampleId :

VX1010WBS08

Tgt Ion:	156	Resp:	51912
Ion Ratio	Lower	Upper	
156	100		
77	145.8	73.4	220.2
158	96.6	49.1	147.4

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#78

n-propylbenzene

Concen: 18.05 ug/l

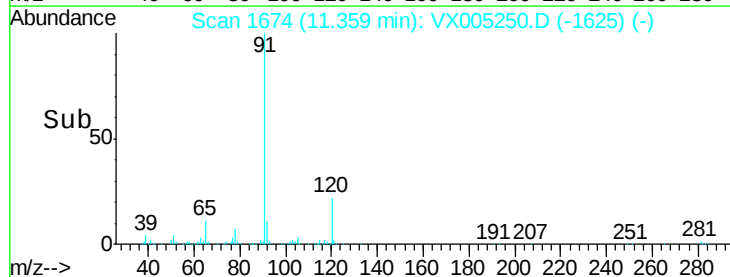
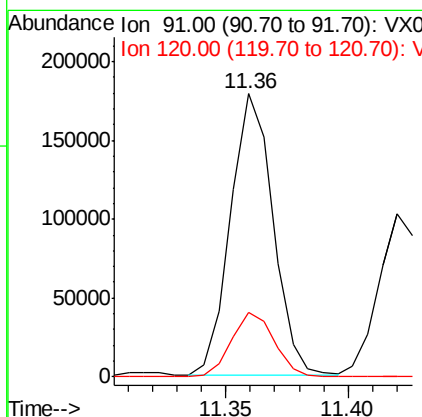
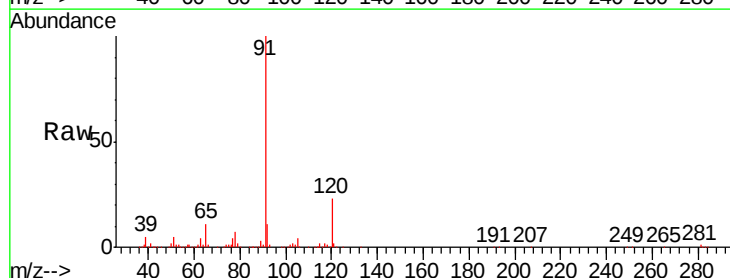
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	91	Resp:	216127
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 17.64 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS08

Tgt Ion: 91 Resp: 131622

Ion Ratio Lower Upper

91 100

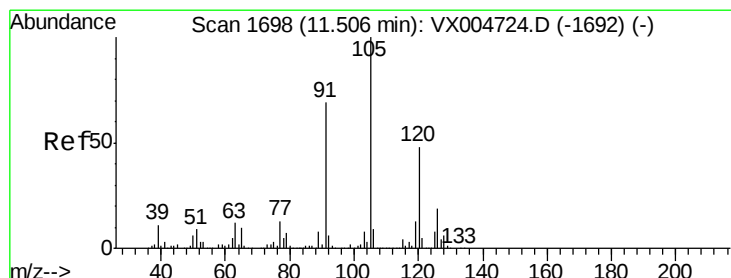
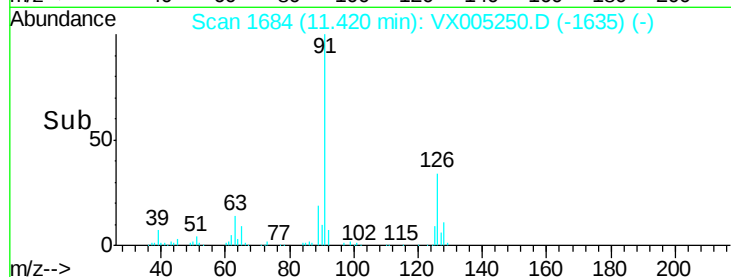
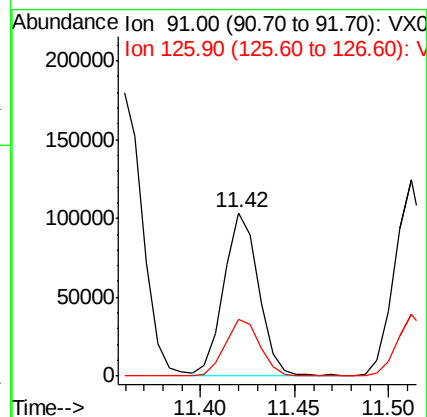
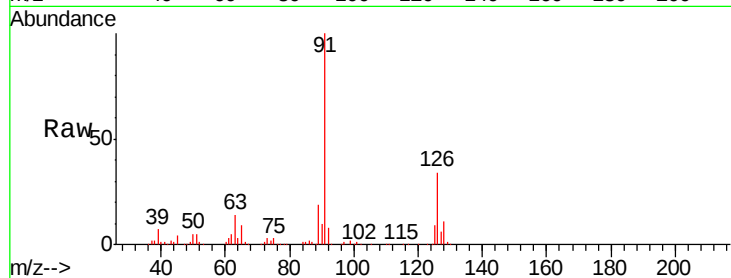
126 35.1 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 16.61 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005250.D

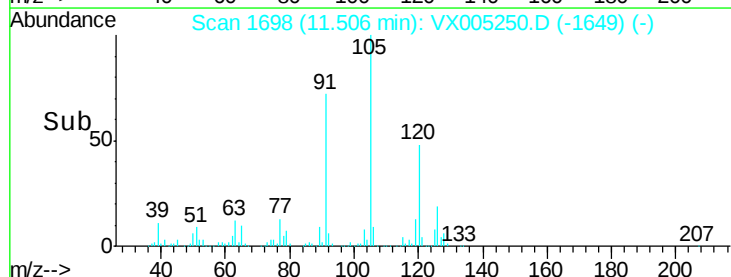
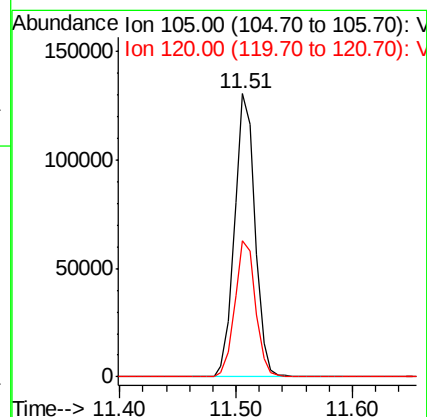
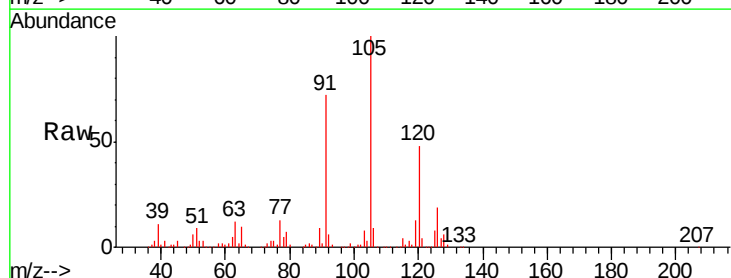
Acq: 11 Oct 2018 12:34

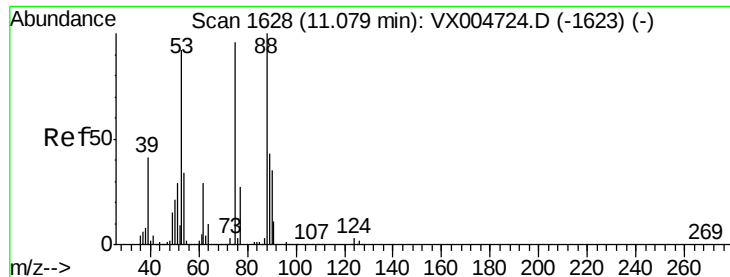
Tgt Ion: 105 Resp: 160104

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.35 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

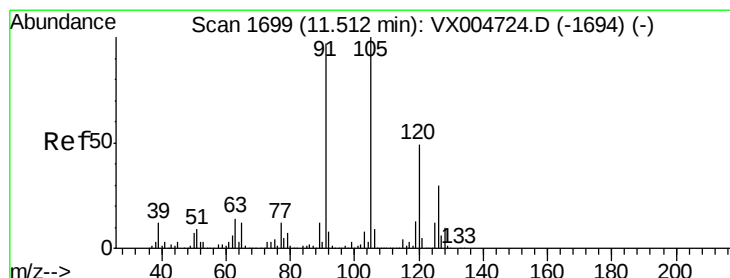
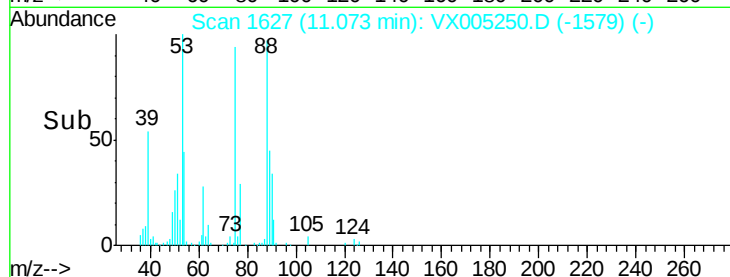
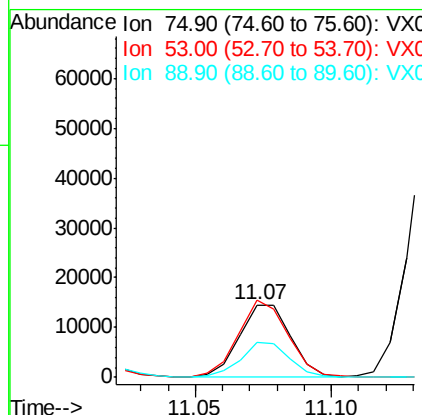
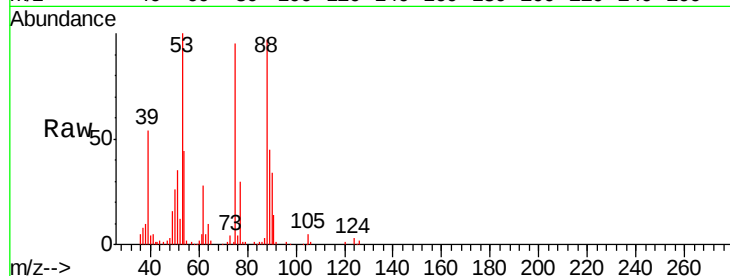
ClientSampleId :

VX1010WBS08

Tgt Ion:	75	Resp:	18936
Ion	Ratio	Lower	Upper
75	100		
53	102.7	80.2	120.4
89	47.0	37.1	55.7

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#82

4-Chlorotoluene

Concen: 17.63 ug/l

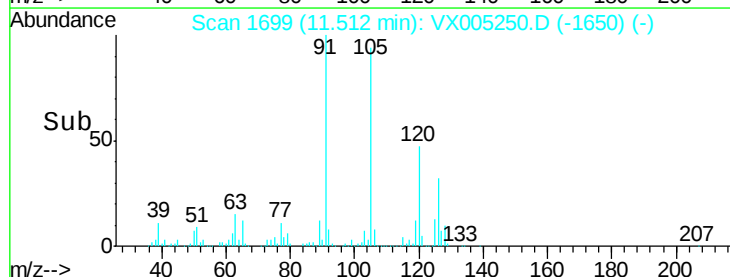
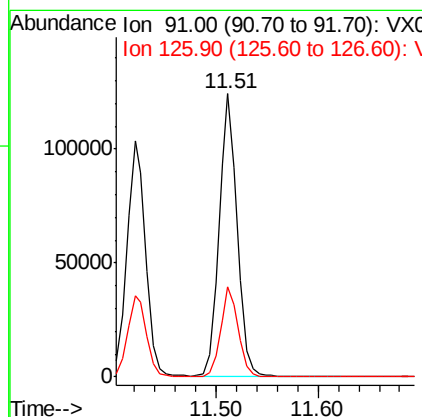
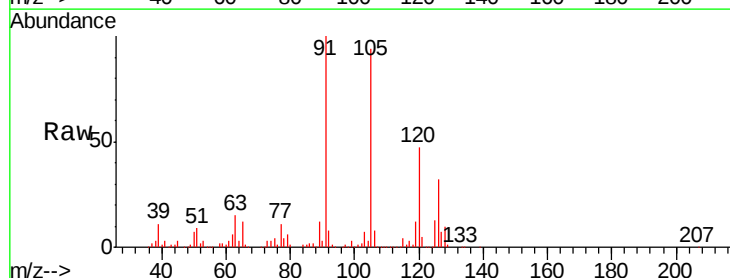
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	91	Resp:	154890
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.5	46.5





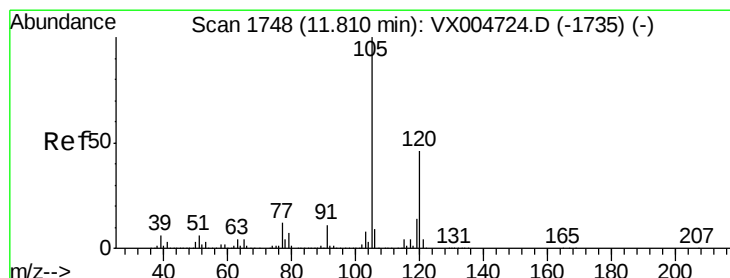
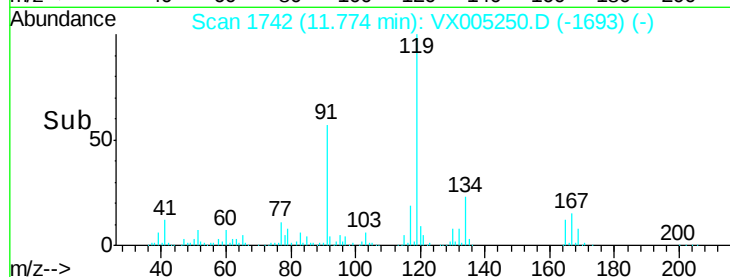
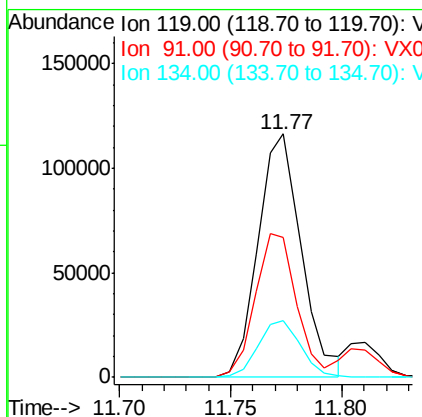
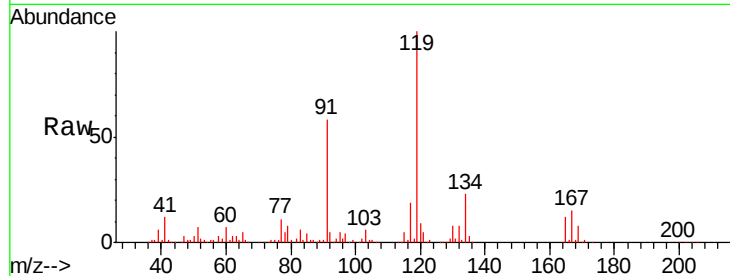
#83
 tert-Butylbenzene
 Concen: 18.31 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	157350		
91	56.6	27.5	82.5	
134	23.2	11.5	34.4	

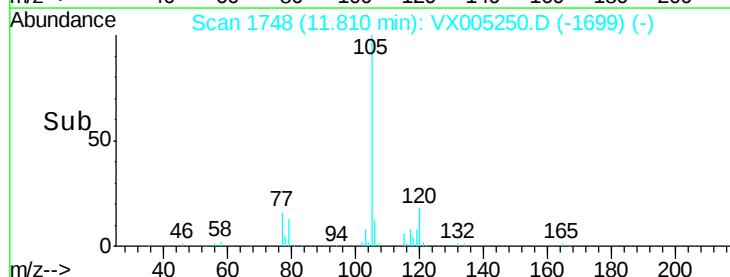
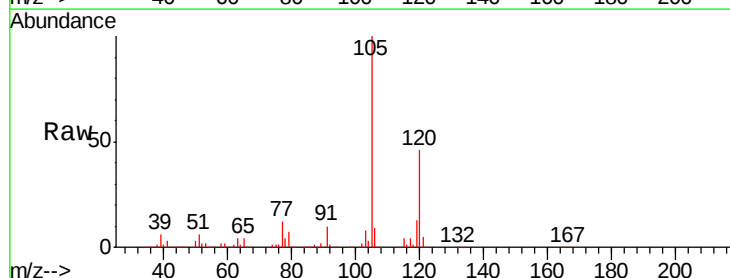
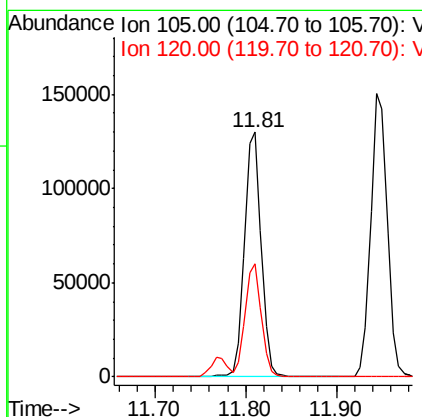
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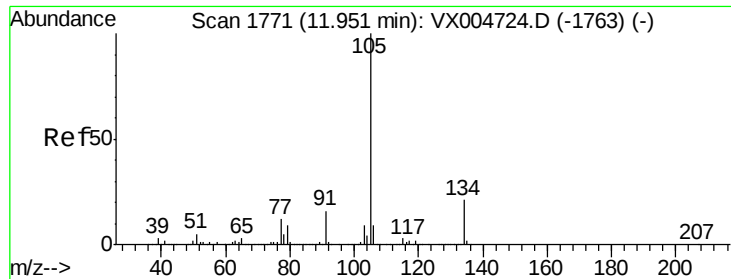
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#84
 1,2,4-Trimethylbenzene
 Concen: 16.75 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166528		
120	44.9	22.8	68.3	





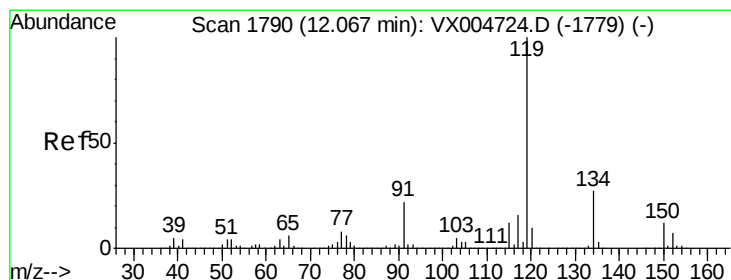
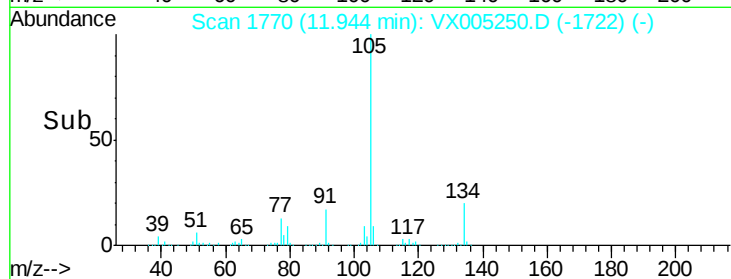
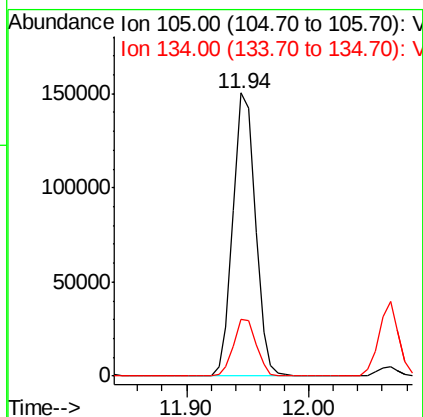
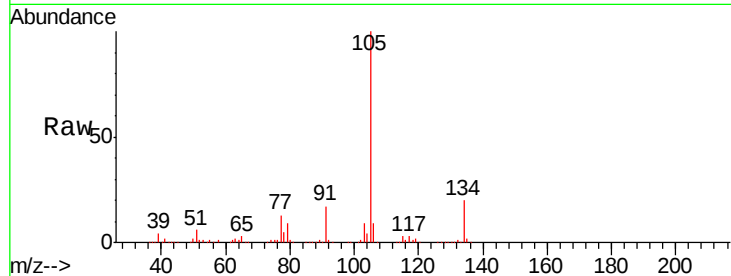
#85
 sec-Butylbenzene
 Concen: 18.22 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190669		
134	20.4	10.2	30.4	

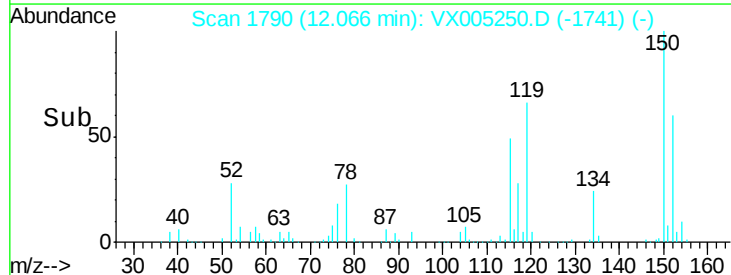
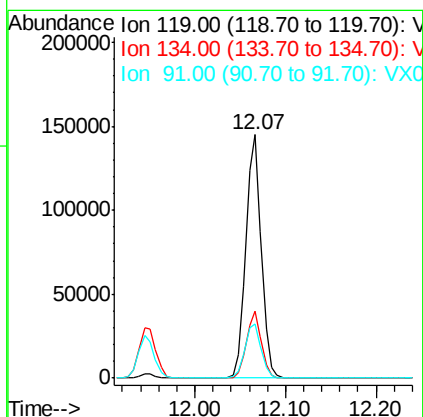
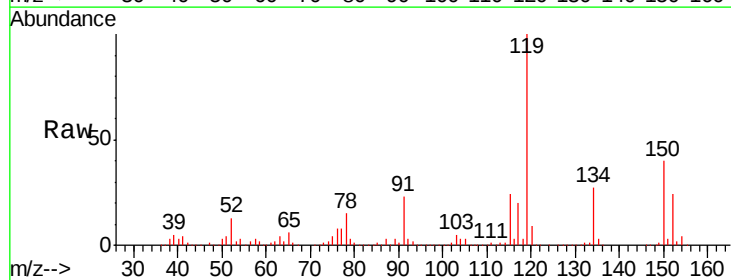
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#86
 p-Isopropyltoluene
 Concen: 18.01 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	170789		
134	26.5	13.4	40.1	
91	23.0	11.5	34.4	





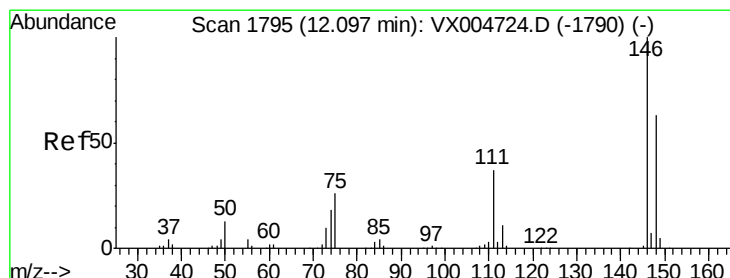
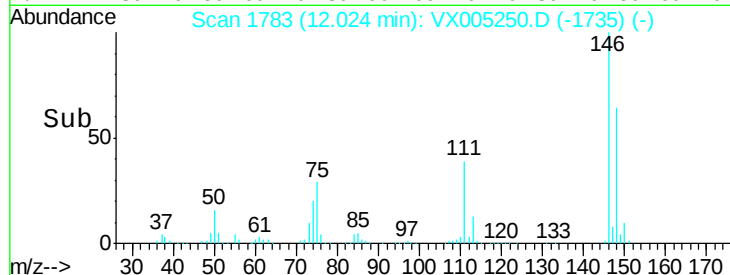
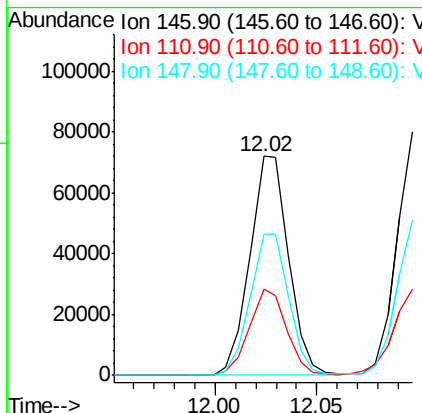
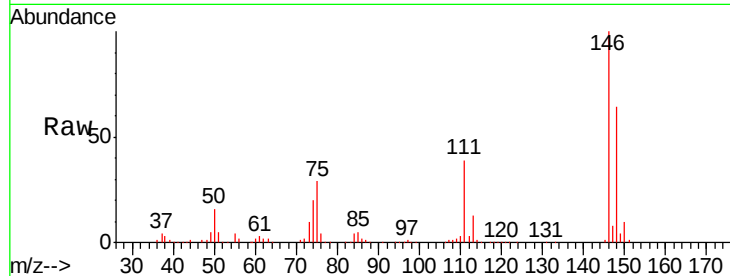
#87
 1,3-Dichlorobenzene
 Concen: 16.84 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.8	31.8	95.3

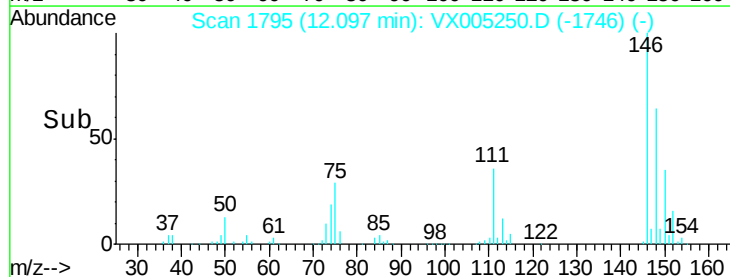
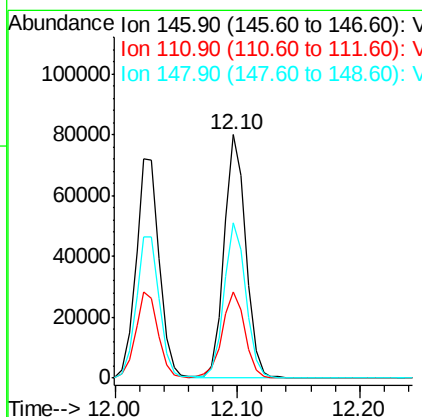
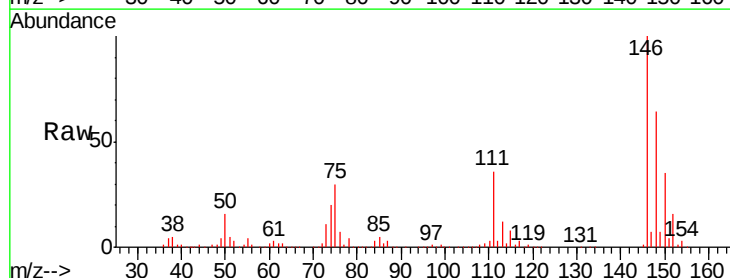
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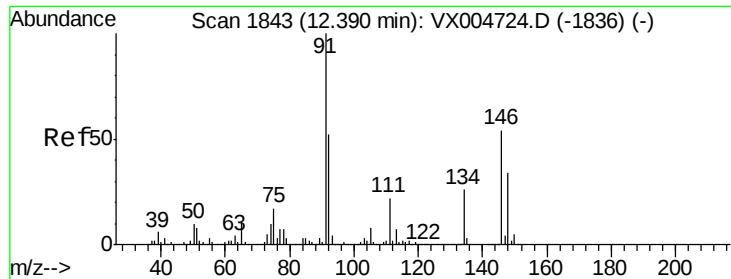
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#88
 1,4-Dichlorobenzene
 Concen: 16.69 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	64.4	32.0	96.0





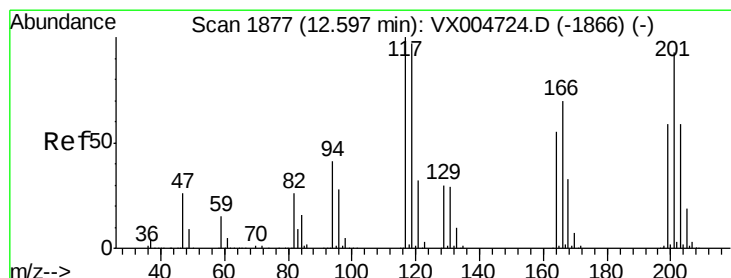
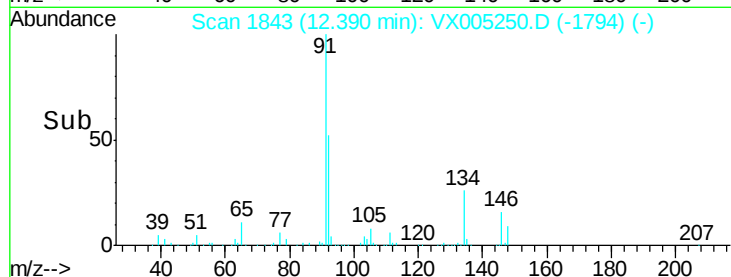
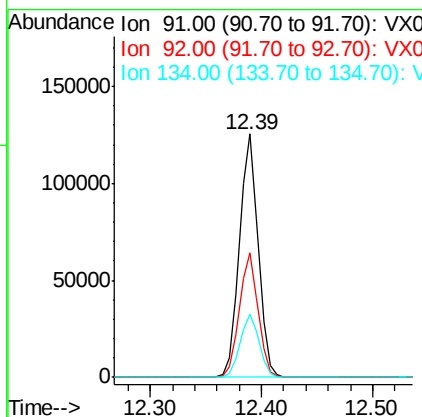
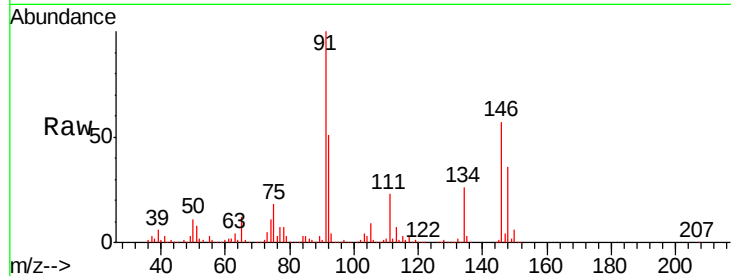
#89
n-Butylbenzene
Concen: 17.00 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.0	78.0
134	26.1	13.2	39.6

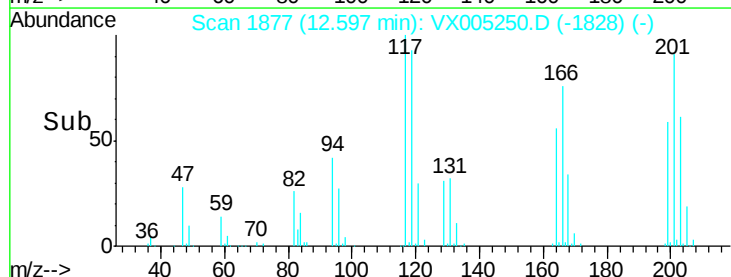
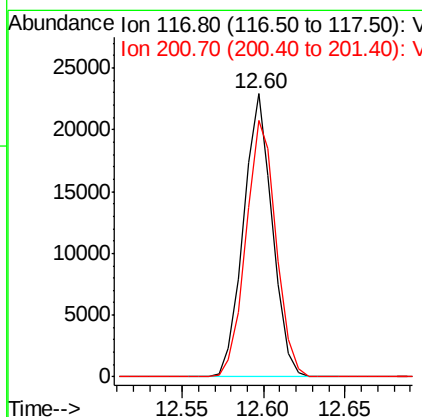
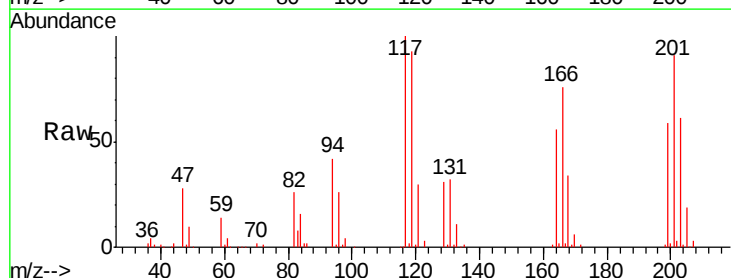
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#90
Hexachloroethane
Concen: 17.86 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005250.D
Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.6	48.4	145.0





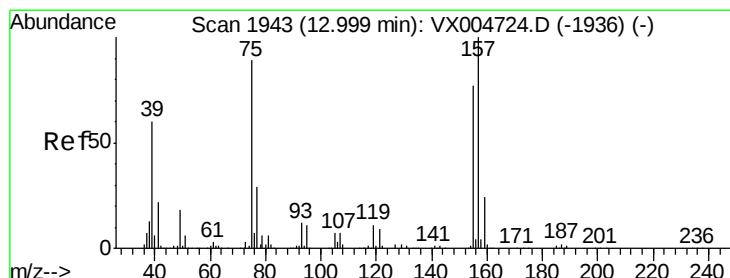
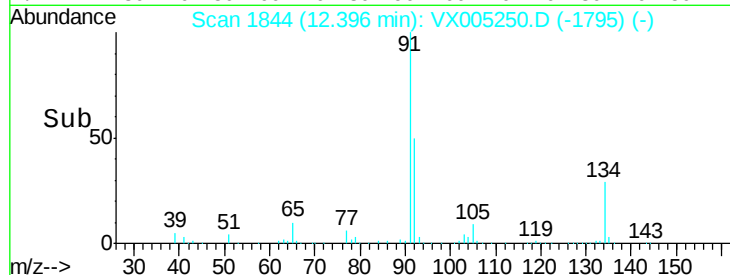
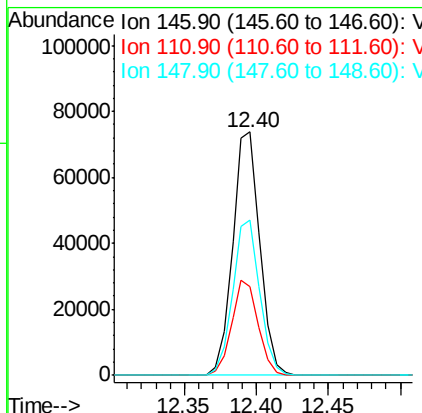
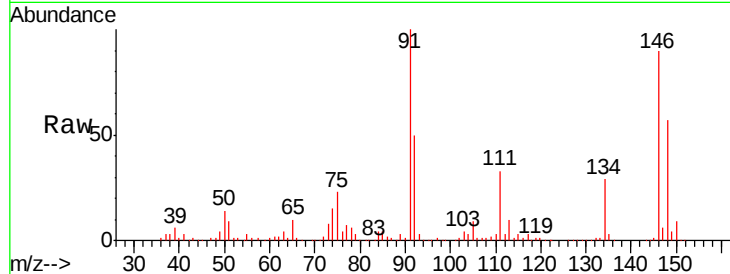
#91
 1,2-Dichlorobenzene
 Concen: 16.45 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.6	58.7
148	63.6	31.8	95.4

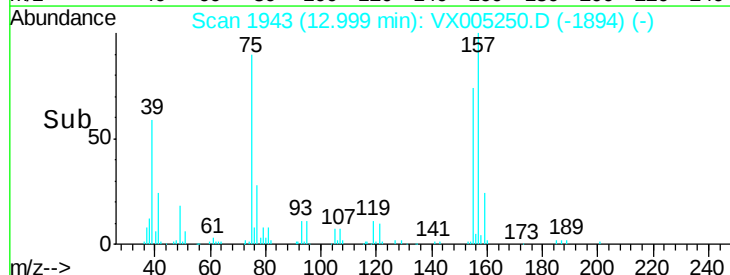
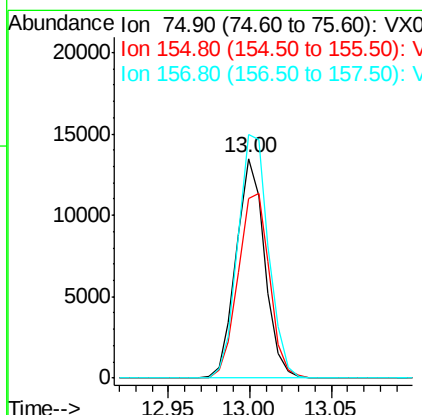
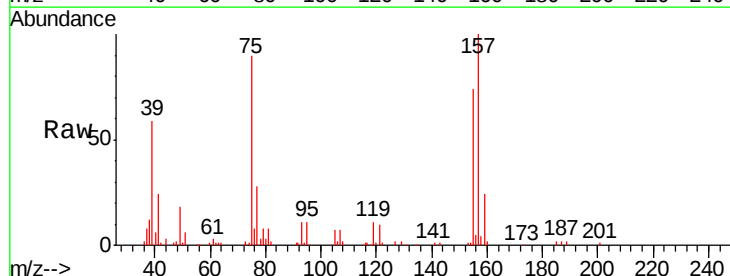
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.67 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	46.1	138.3
157	118.9	60.2	180.6





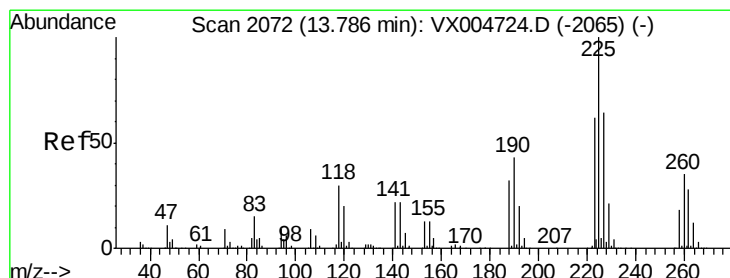
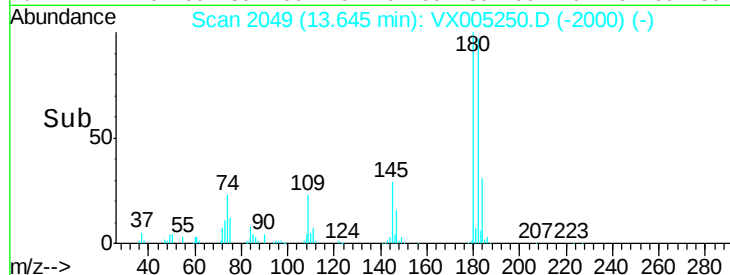
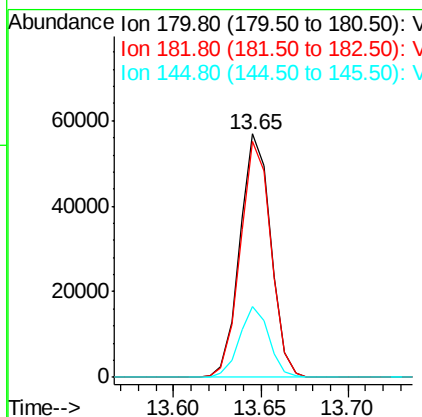
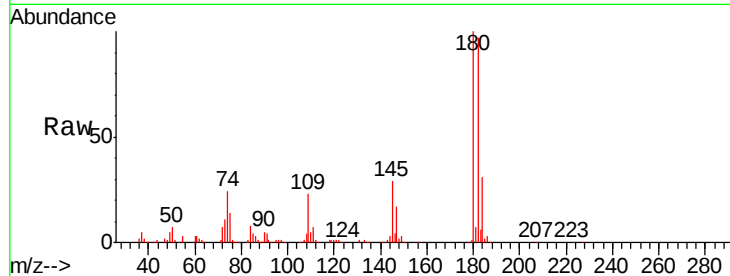
#93
 1,2,4-Trichlorobenzene
 Concen: 16.80 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	28.1	14.1	42.4

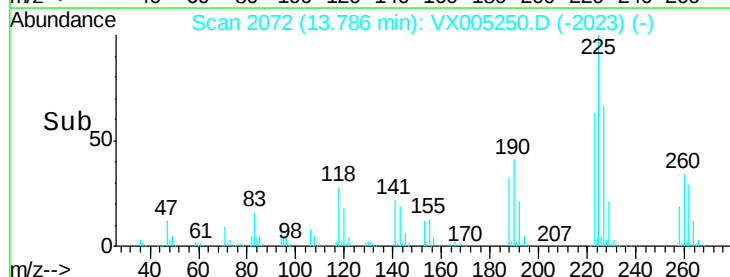
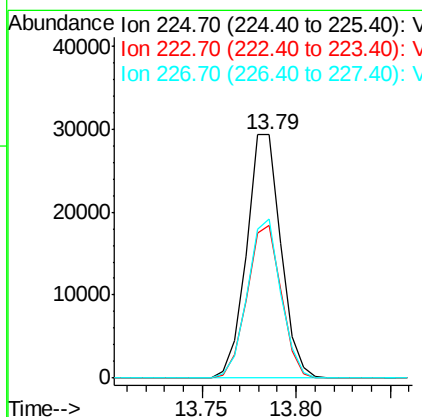
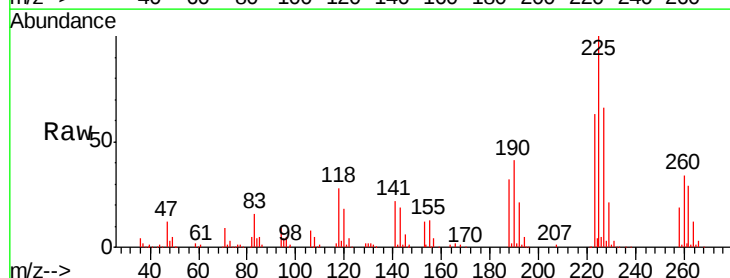
Manual Integrations
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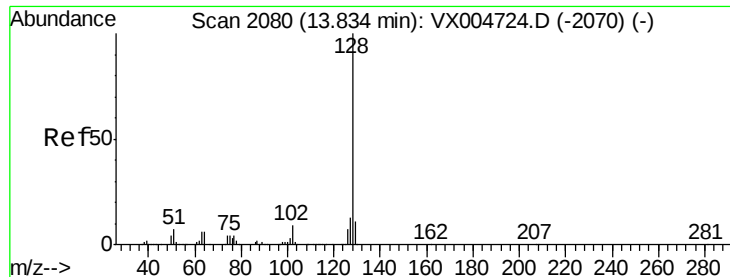
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#94
 Hexachlorobutadiene
 Concen: 17.24 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005250.D
 Acq: 11 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.8
227	63.3	31.9	95.5





#95

Naphthalene

Concen: 15.66 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Instrument :

MSVOA_X

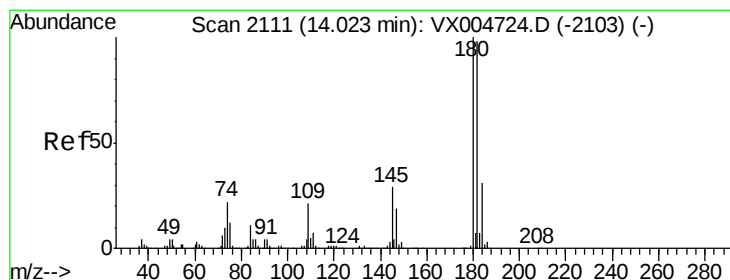
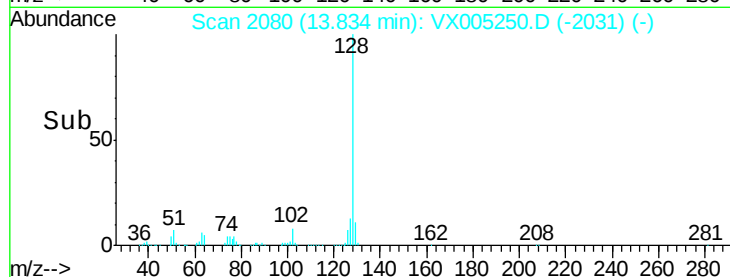
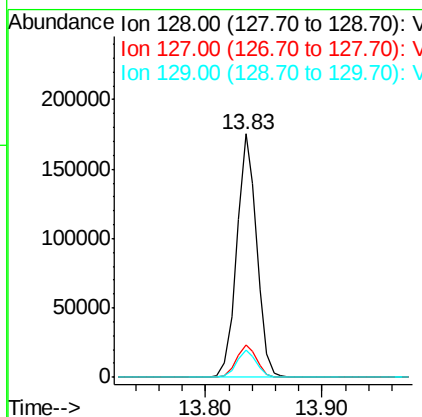
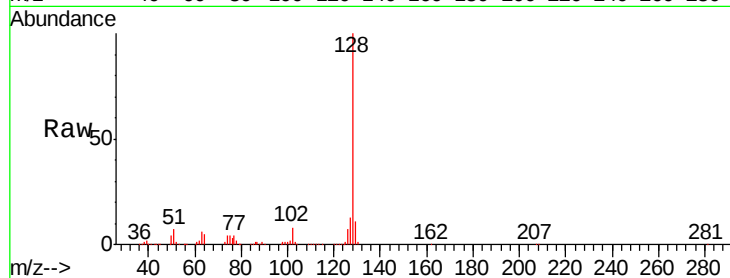
ClientSampleId :

VX1010WBS08

Tgt Ion:	128	Resp:	208778
Ion Ratio		Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.06 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005250.D

Acq: 11 Oct 2018 12:34

Tgt Ion:	180	Resp:	73137
Ion Ratio		Lower	Upper
180	100		
182	95.3	47.9	143.8
145	29.9	15.0	45.0

