

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003541.D
 Acq On : 21 Jul 2018 06:14
 Operator : JC/SP
 Sample : J4014-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:36:16 PM

Quant Time: Jul 21 06:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

7/23/2018 12:36:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191364	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
35) Dibromofluoromethane	5.51	113	180927	58.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.42%	
50) Toluene-d8	8.72	98	617100	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.14	95	225061	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129949	55.972	ug/l	98
3) Chloromethane	1.32	50	170316	59.312	ug/l	96
4) Vinyl Chloride	1.40	62	184086	49.476	ug/l	92
5) Bromomethane	1.64	94	73435	49.594	ug/l	99
6) Chloroethane	1.72	64	121493	55.182	ug/l	100
7) Trichlorofluoromethane	1.92	101	259564	52.290	ug/l	96
8) Diethyl Ether	2.19	74	115186	54.029	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	163981	50.473	ug/l	97
10) Methyl Iodide	2.51	142	209067	53.567	ug/l	91
11) Tert butyl alcohol	3.07	59	199311	290.520	ug/l	100
12) 1,1-Dichloroethene	2.37	96	158680	53.044	ug/l	95
13) Acrolein	2.29	56	70637	227.880	ug/l	98
14) Allyl chloride	2.73	41	288047	54.394	ug/l #	86
15) Acrylonitrile	3.15	53	487503	279.109	ug/l	97
16) Acetone	2.45	43	405383	309.553	ug/l #	87
17) Carbon Disulfide	2.57	76	436061	53.901	ug/l	100
18) Methyl Acetate	2.78	43	212234	51.407	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	563948	57.732	ug/l	95
20) Methylene Chloride	2.86	84	188836	59.131	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	171751	51.602	ug/l	86
22) Diisopropyl ether	3.87	45	590217	59.231	ug/l	96
23) Vinyl Acetate	3.82	43	1957274	238.458	ug/l	96
24) 1,1-Dichloroethane	3.70	63	341713	58.448	ug/l	99
25) 2-Butanone	4.70	43	651633	296.570	ug/l	93
26) 2,2-Dichloropropane	4.59	77	141125	31.782	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	204933	55.297	ug/l	94
28) Bromochloromethane	5.03	49	149942	58.676	ug/l	92
29) Tetrahydrofuran	5.16	42	417307	287.507	ug/l	91
30) Chloroform	5.22	83	326044	57.111	ug/l	100
31) Cyclohexane	5.57	56	271276	51.932	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	274789	56.208	ug/l	98
36) 1,1-Dichloropropene	5.81	75	231623	53.019	ug/l	97
37) Ethyl Acetate	4.86	43	209610	50.704	ug/l	95
38) Carbon Tetrachloride	5.79	117	236936	55.292	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246767	47.691	ug/l	95
40) Benzene	6.15	78	686783	52.068	ug/l	100
41) Methacrylonitrile	5.07	41	140392	57.783	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227294	54.692	ug/l	95
43) Isopropyl Acetate	6.46	43	317456	48.275	ug/l	94
44) Trichloroethene	7.21	130	203241	51.668	ug/l	100
45) 1,2-Dichloropropane	7.52	63	176655	52.745	ug/l	100
46) Dibromomethane	7.67	93	114574	53.137	ug/l	97
47) Bromodichloromethane	7.90	83	216208	54.772	ug/l	96
48) Methyl methacrylate	7.78	41	183452	55.319	ug/l	86
49) 1,4-Dioxane	7.76	88	80215	1067.542	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1173298	282.420	ug/l	93
52) Toluene	8.79	92	443177	53.378	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	237851	48.955	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	220171	50.390	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	175496	53.120	ug/l	92
56) Ethyl methacrylate	9.18	69	254449	54.680	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	289549	54.218	ug/l	99
59) 2-Hexanone	9.50	43	873827	283.885	ug/l	90
60) Dibromochloromethane	9.59	129	184632	56.460	ug/l	98
61) 1,2-Dibromoethane	9.68	107	179696	52.468	ug/l	99
64) Tetrachloroethene	9.34	164	232343	49.610	ug/l	97
65) Chlorobenzene	10.14	112	485661	49.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	176625	51.832	ug/l	99
67) Ethyl Benzene	10.26	91	811036	50.930	ug/l	100
68) m/p-Xylenes	10.36	106	639010	102.355	ug/l	97
69) o-Xylene	10.70	106	309229	51.222	ug/l	97
70) Styrene	10.71	104	521244	52.491	ug/l	97
71) Bromoform	10.86	173	139587	52.721	ug/l	100
73) Isopropylbenzene	11.02	105	827964	51.229	ug/l	100
74) N-amyl acetate	6.46	43	317456	46.259	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241002	50.886	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	245195m	58.405	ug/l	
77) Bromobenzene	11.26	156	230023	49.484	ug/l	96
78) n-propylbenzene	11.36	91	919530	51.183	ug/l	99
79) 2-Chlorotoluene	11.42	91	557278	51.097	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	689622	51.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60418	41.306	ug/l	90
82) 4-Chlorotoluene	11.51	91	647836	50.694	ug/l	98
83) tert-Butylbenzene	11.77	119	660881	50.807	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	707968	52.382	ug/l	98
85) sec-Butylbenzene	11.95	105	796360	50.404	ug/l	99
86) p-Isopropyltoluene	12.07	119	711491	50.179	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	409485	47.923	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	409242	46.494	ug/l	99
89) n-Butylbenzene	12.39	91	589334	48.947	ug/l	99
90) Hexachloroethane	12.60	117	102422	50.814	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	417683	49.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47995	52.073	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	283880	45.994	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	128764	43.379	ug/l	99
95) Naphthalene	13.83	128	829272	51.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290339	47.519	ug/l	100

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

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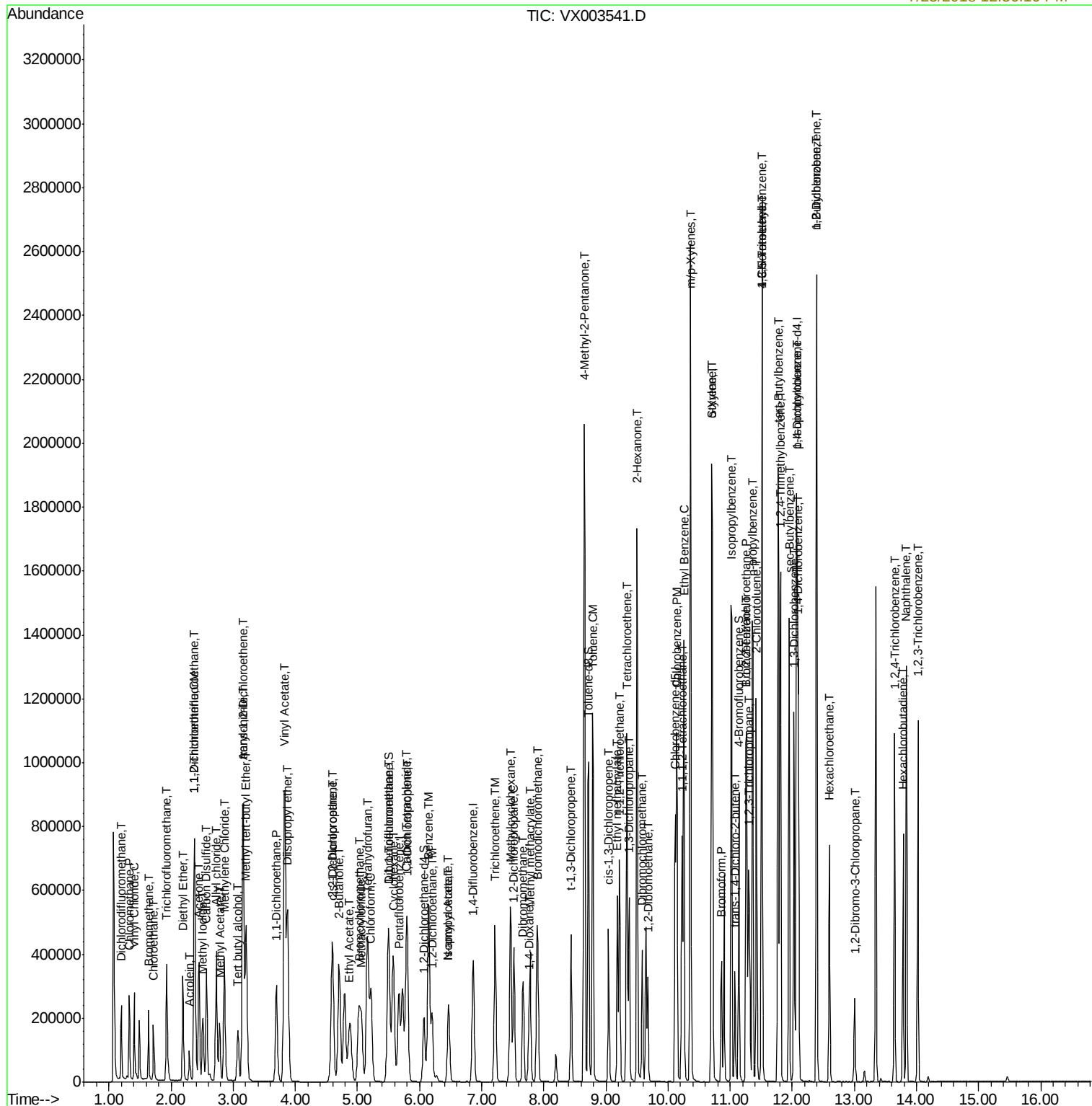
Instrument :
 MSVOA_X
 ClientSampleID :
 RE104D3-071318MS

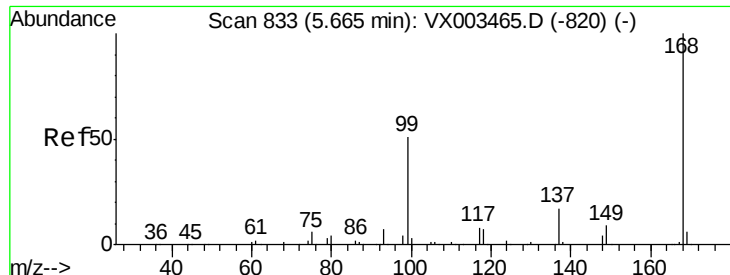
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 168 Resp: 292888

Ion Ratio Lower Upper

168 100

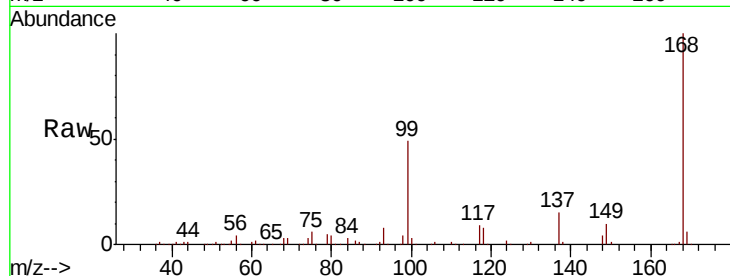
99 48.6 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

5.50

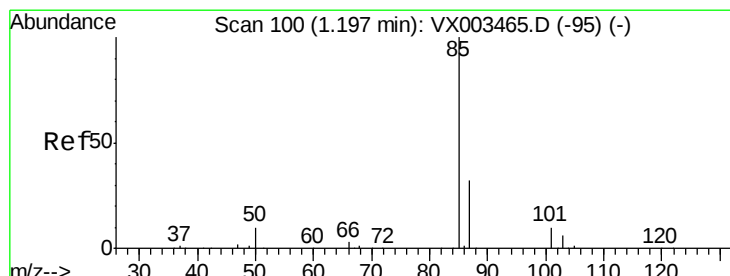
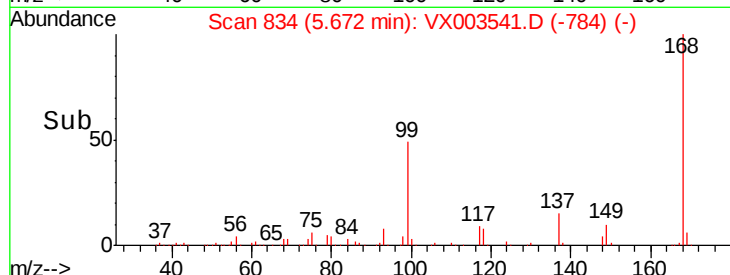
5.60

5.70

5.80

Time-->

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#2

Dichlorodifluoromethane

Concen: 55.972 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003541.D

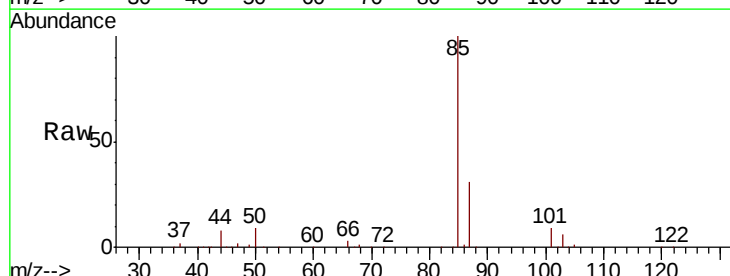
Acq: 21 Jul 2018 06:14

Tgt Ion: 85 Resp: 129949

Ion Ratio Lower Upper

85 100

87 30.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

1.10

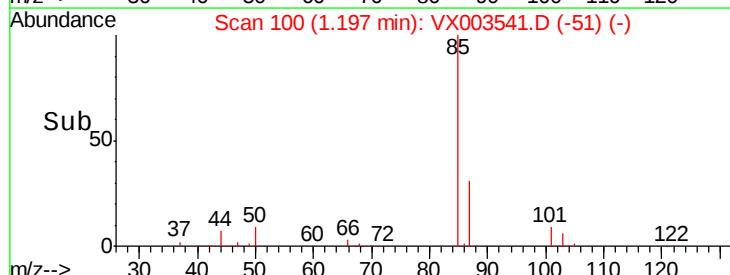
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 59.312 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 50 Resp: 170316

Ion Ratio Lower Upper

50 100

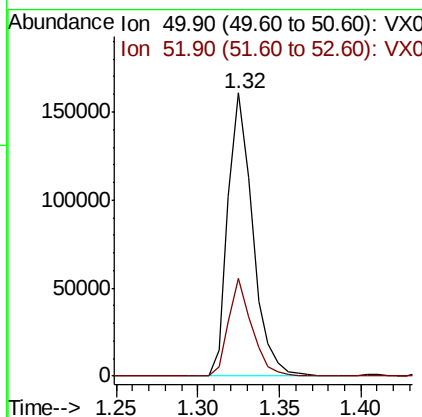
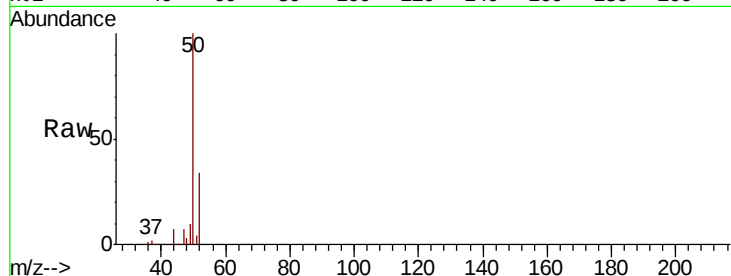
52 34.4 25.7 38.5

Manual Integrations

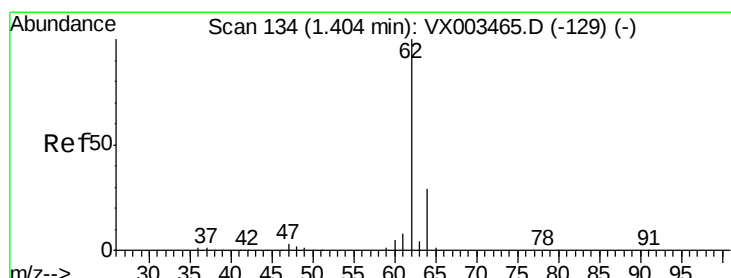
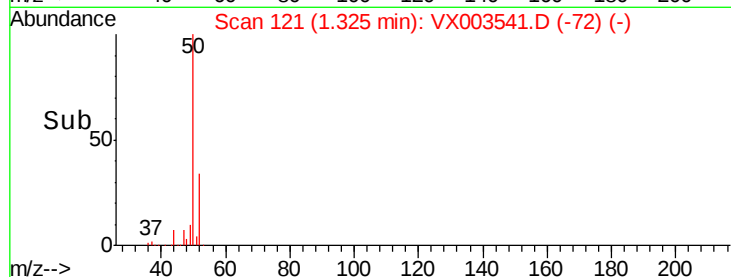
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#4

Vinyl Chloride

Concen: 49.476 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003541.D

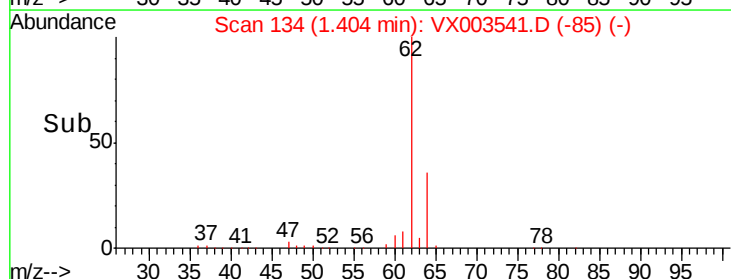
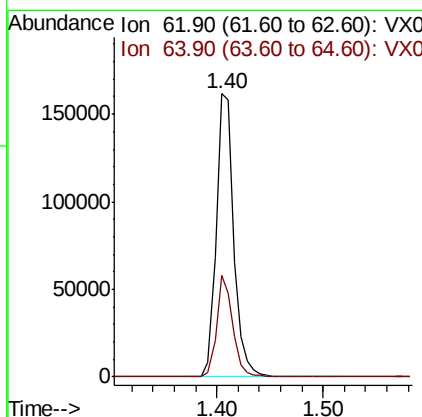
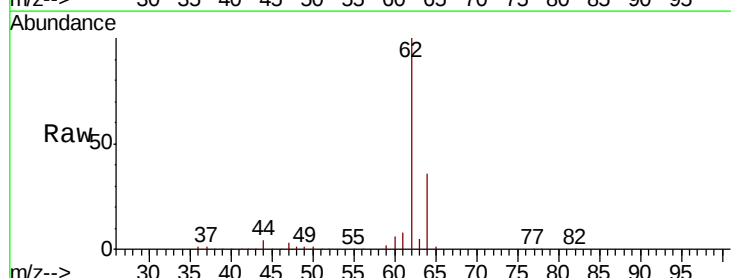
Acq: 21 Jul 2018 06:14

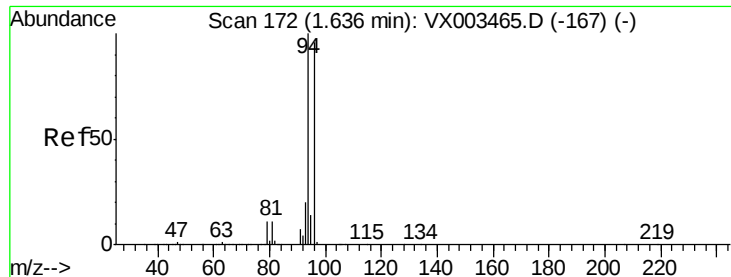
Tgt Ion: 62 Resp: 184086

Ion Ratio Lower Upper

62 100

64 36.0 25.4 38.2





#5

Bromomethane

Concen: 49.594 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

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ClientSampleId :

RE104D3-071318MS

Tgt Ion: 94 Resp: 73435

Ion Ratio Lower Upper

94 100

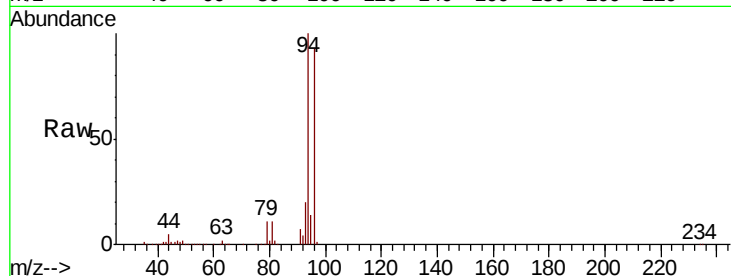
96 93.0 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

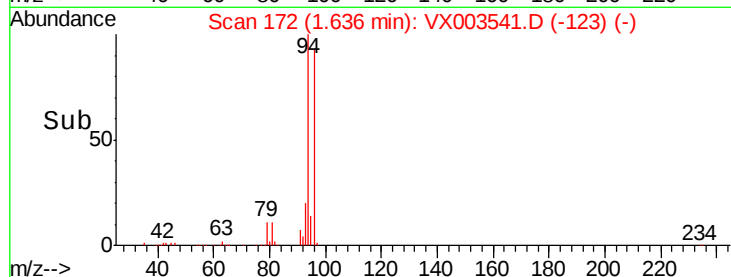
60000

40000

20000

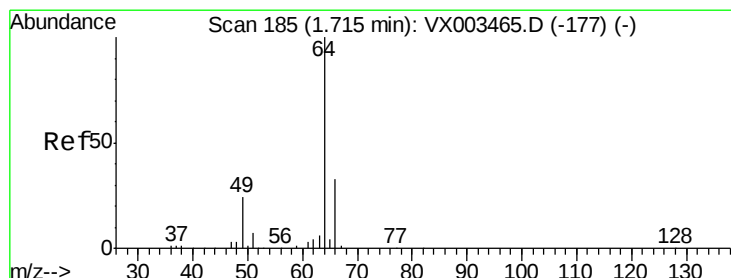
0

Time-->



Time-->

7/23/2018 12:36:16 PM



#6

Chloroethane

Concen: 55.182 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003541.D

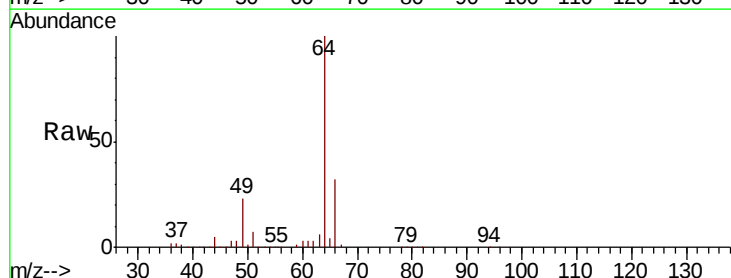
Acq: 21 Jul 2018 06:14

Tgt Ion: 64 Resp: 121493

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

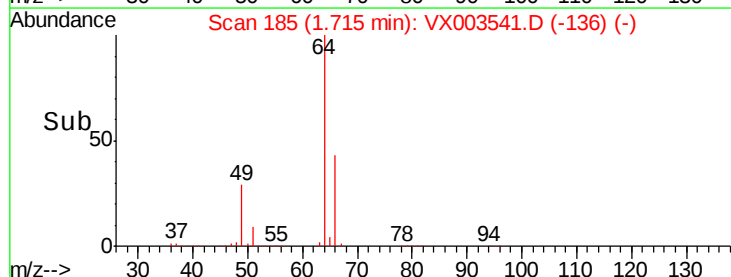
60000

40000

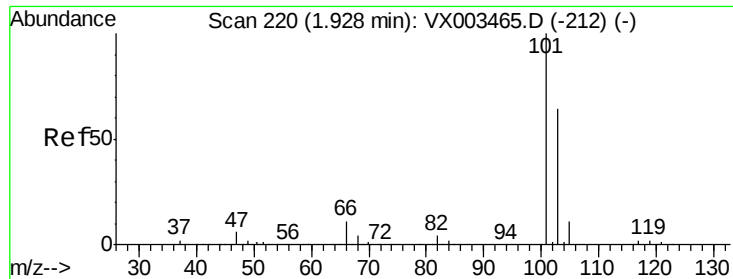
20000

0

Time-->



Time-->



#7

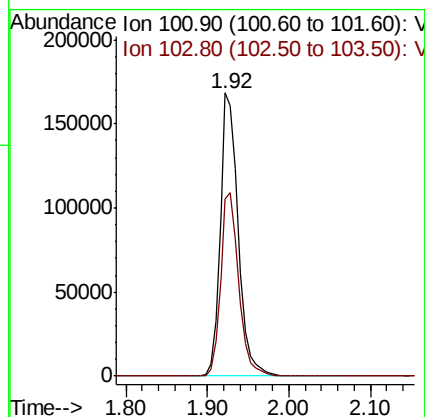
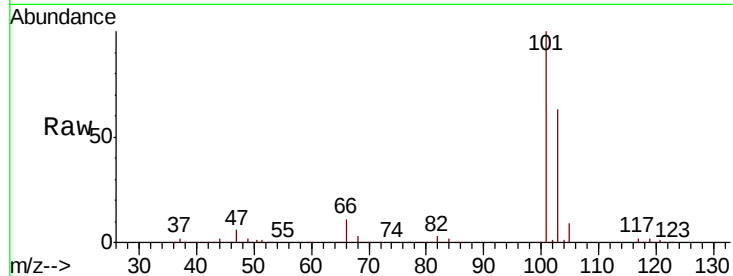
Trichlorofluoromethane
Concen: 52.290 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

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ClientSampleId :
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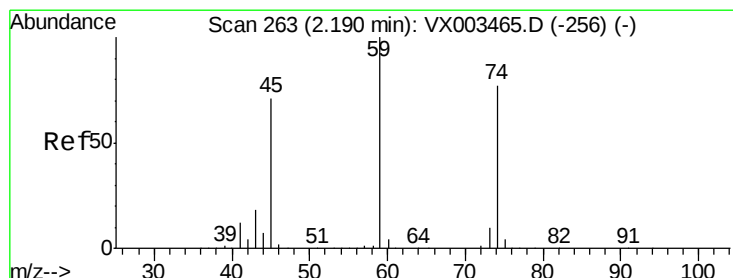
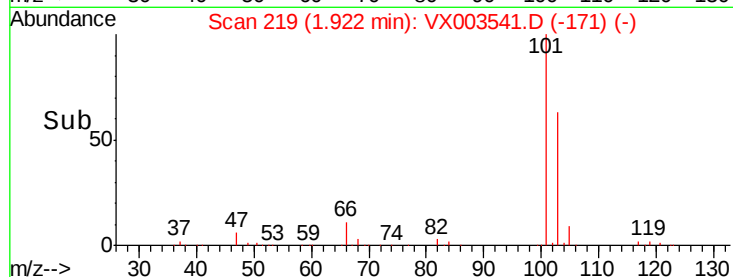
Tgt Ion: 101 Resp: 259564
Ion Ratio Lower Upper
101 100
103 62.6 52.8 79.2

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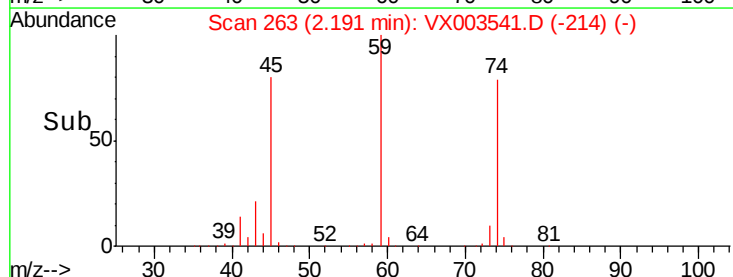
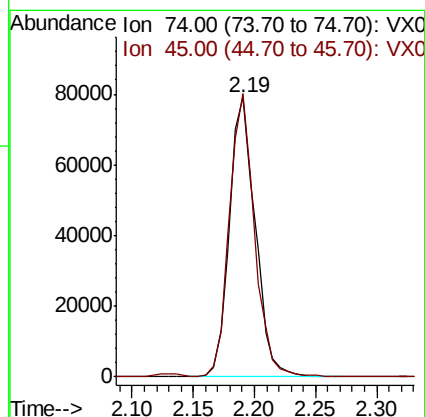
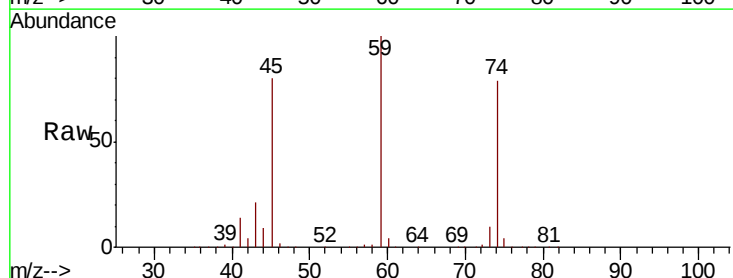
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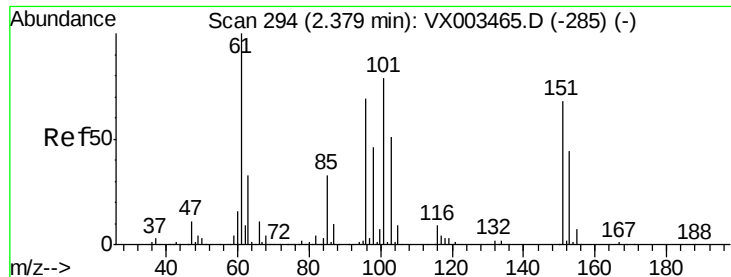


#8

Diethyl Ether
Concen: 54.029 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003541.D
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Tgt Ion: 74 Resp: 115186
Ion Ratio Lower Upper
74 100
45 98.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.473 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

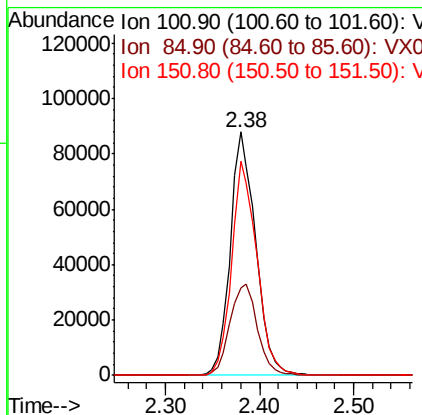
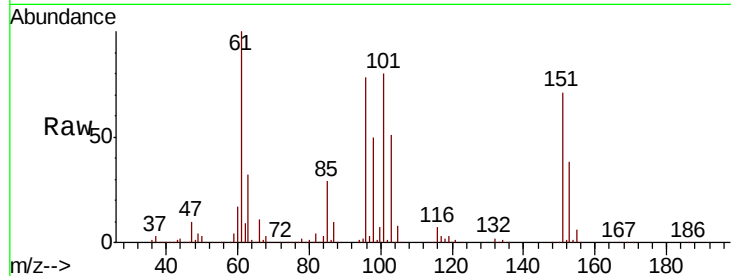
ClientSampleId :

RE104D3-071318MS

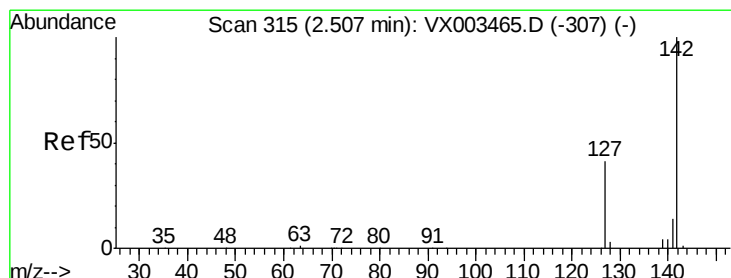
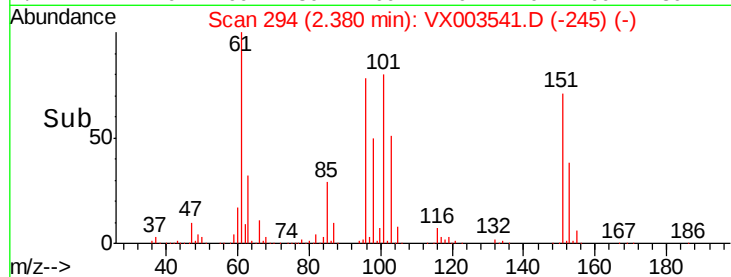
Tgt Ion:	101	Resp:	163981
Ion Ratio	Lower	Upper	
101	100		
85	40.9	36.0	54.0
151	87.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 53.567 ug/l

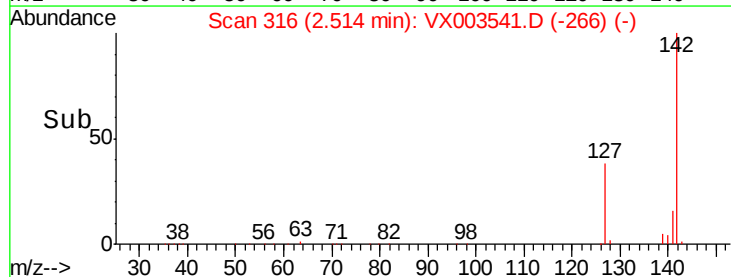
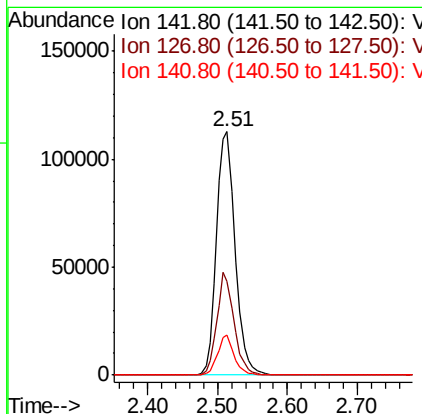
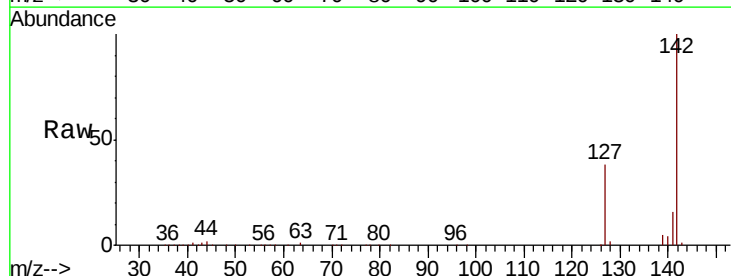
RT: 2.51 min Scan# 316

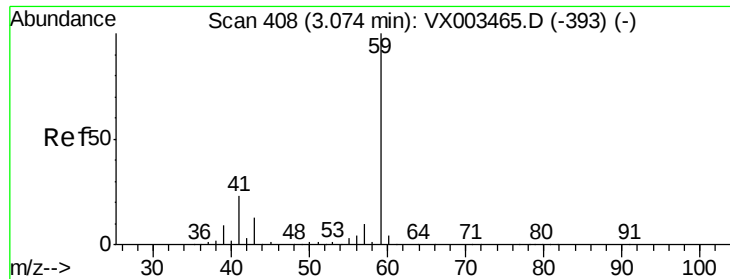
Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	142	Resp:	209067
Ion Ratio	Lower	Upper	
142	100		
127	38.7	36.6	55.0
141	14.5	11.3	16.9





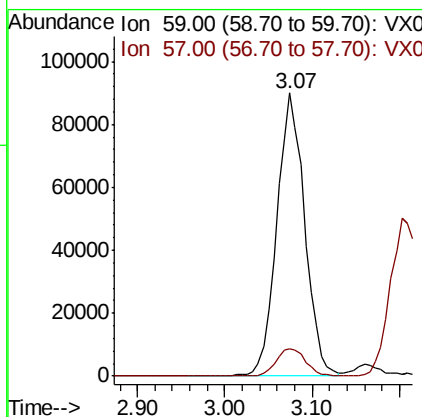
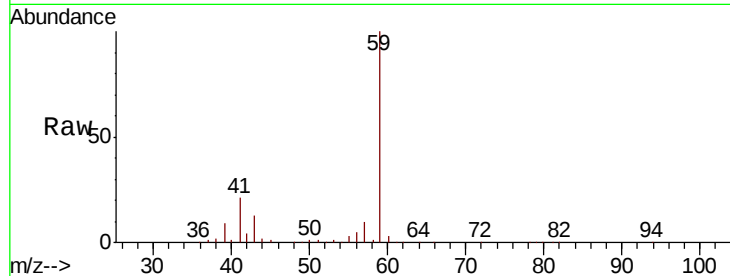
#11
Tert butyl alcohol
Concen: 290.520 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

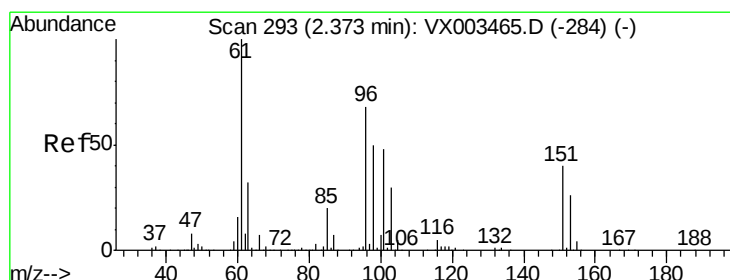
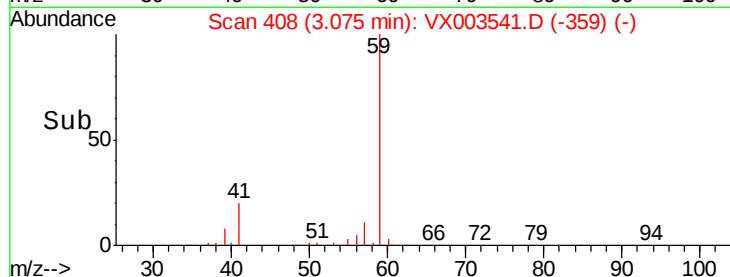
Tgt Ion: 59 Resp: 199311
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

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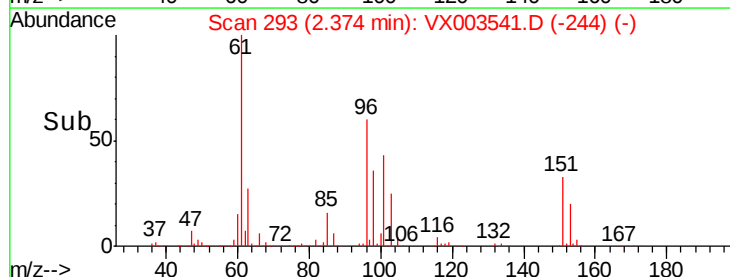
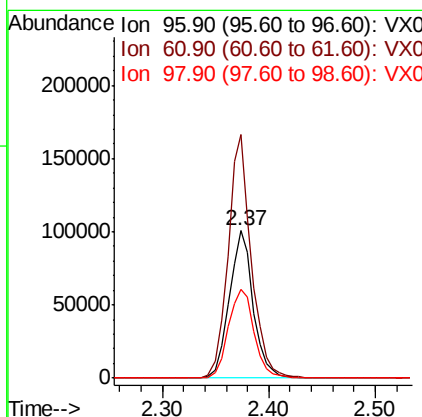
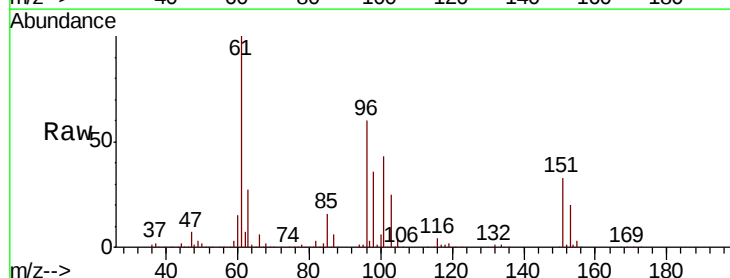


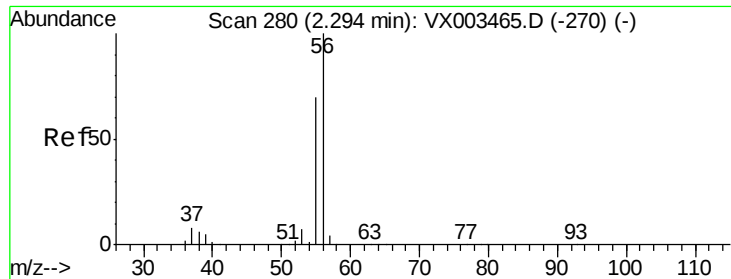
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#12
1,1-Dichloroethene
Concen: 53.044 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 96 Resp: 158680
Ion Ratio Lower Upper
96 100
61 165.3 137.9 206.9
98 59.9 51.6 77.4





#13

Acrolein

Concen: 227.880 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 56 Resp: 70637

Ion Ratio Lower Upper

56 100

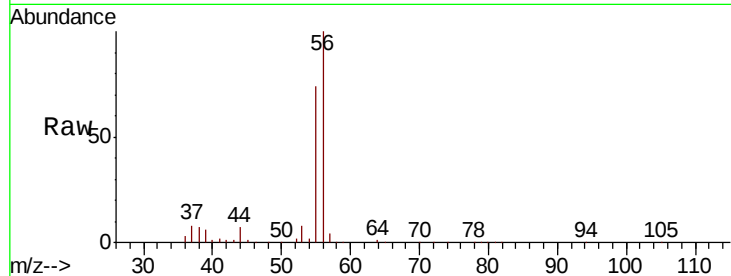
55 69.6 57.0 85.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

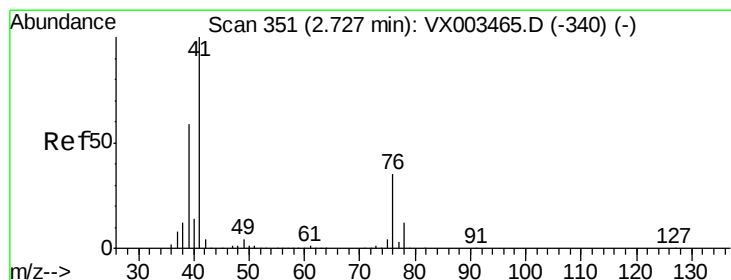
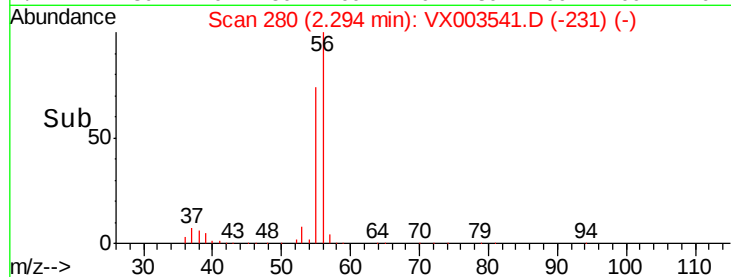
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 54.394 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

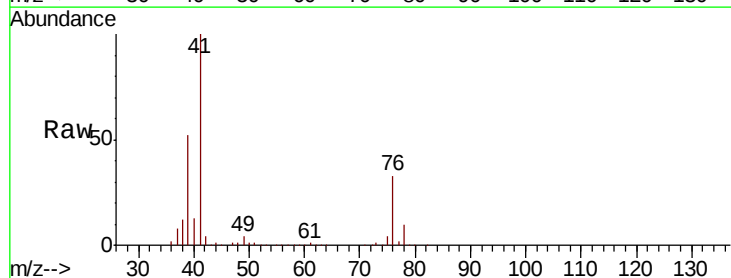
Tgt Ion: 41 Resp: 288047

Ion Ratio Lower Upper

41 100

39 56.6 56.8 85.2#

76 32.7 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

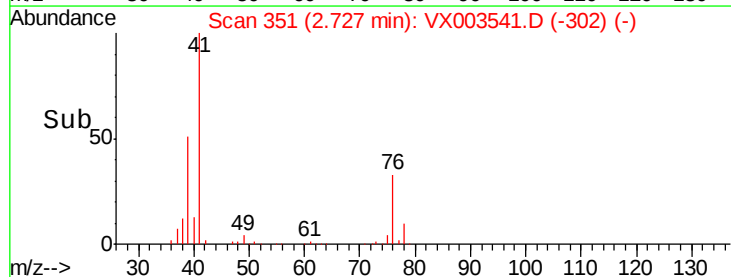
100000

50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 279.109 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

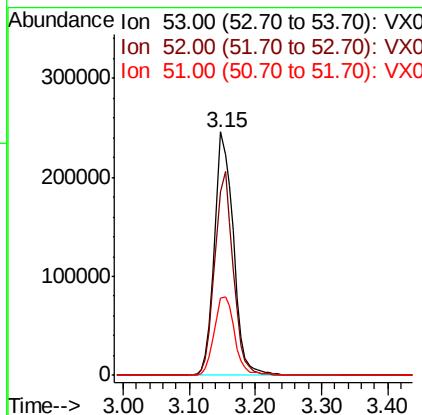
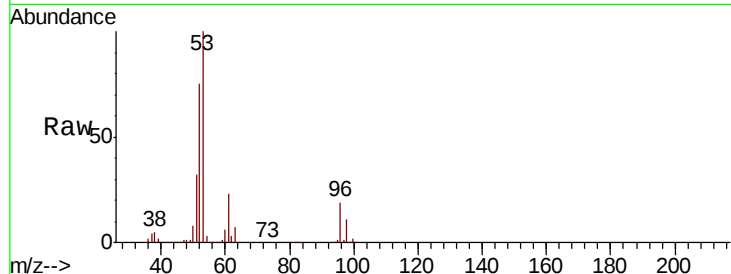
ClientSampleId :

RE104D3-071318MS

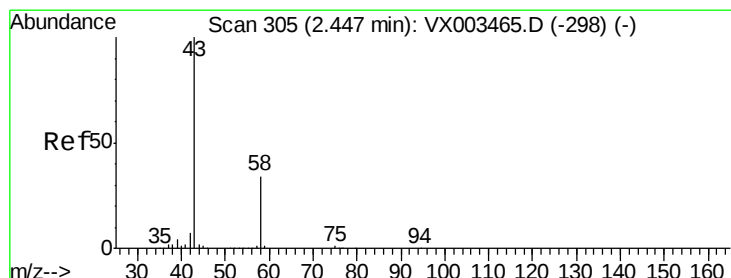
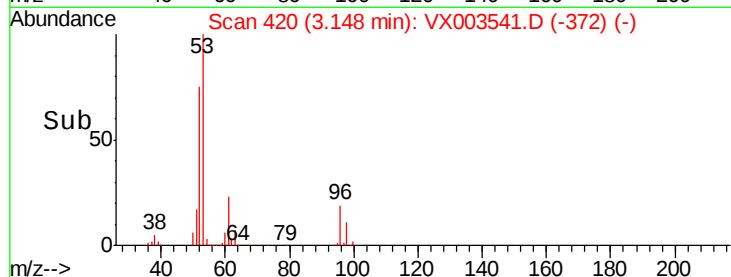
Tgt Ion:	53	Resp:	487503
Ion Ratio		Lower	Upper
53	100		
52	80.9	66.7	100.1
51	34.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 309.553 ug/l

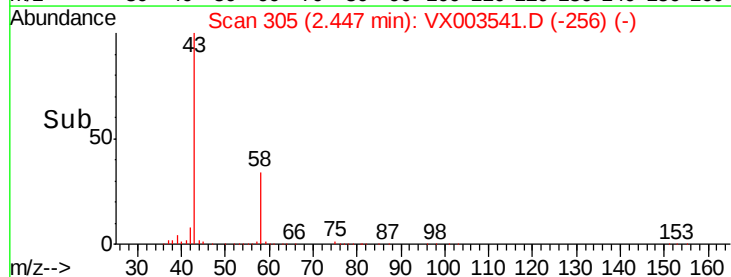
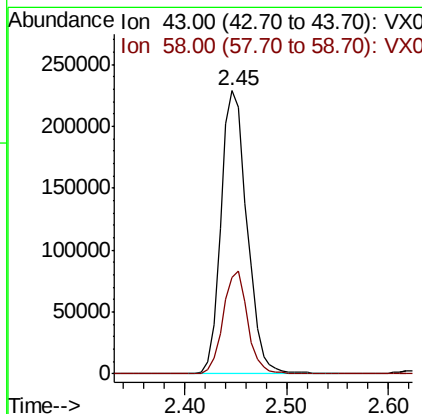
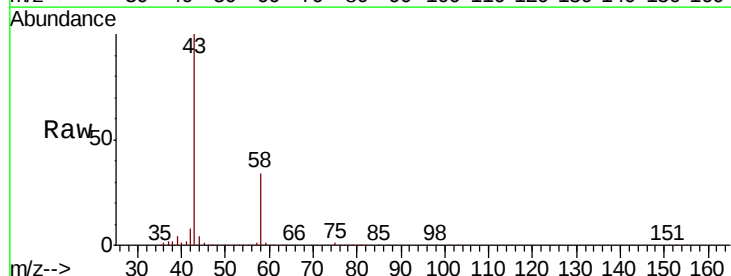
RT: 2.45 min Scan# 305

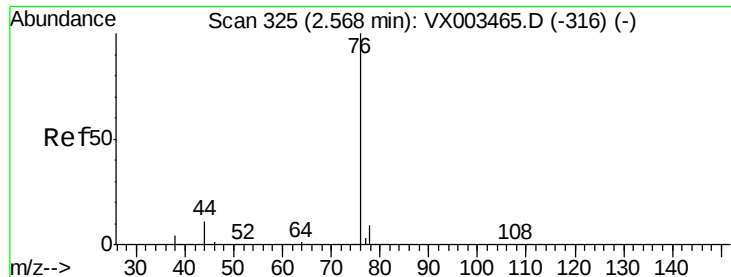
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	43	Resp:	405383
Ion Ratio		Lower	Upper
43	100		
58	34.3	22.1	33.1#





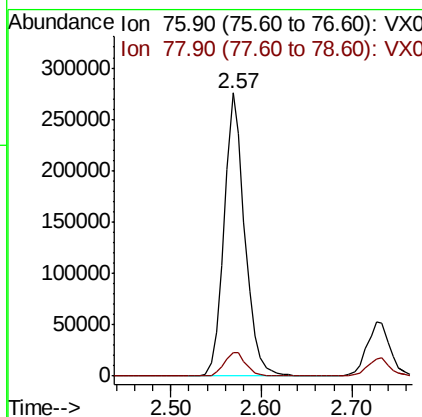
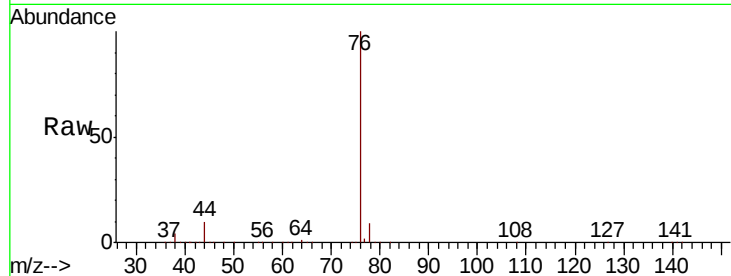
#17
Carbon Disulfide
Concen: 53.901 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

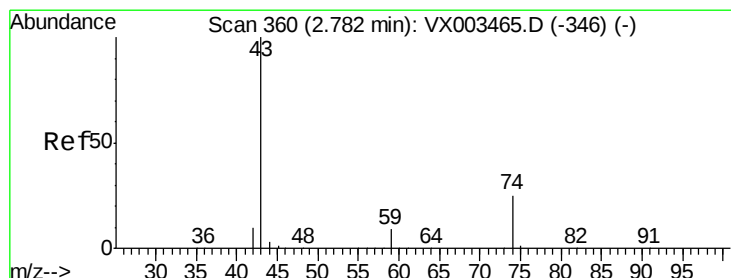
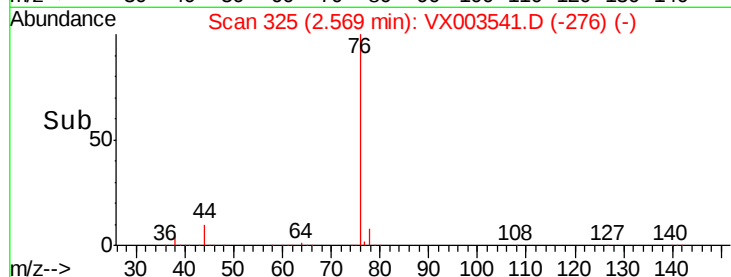
Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.9	10.3

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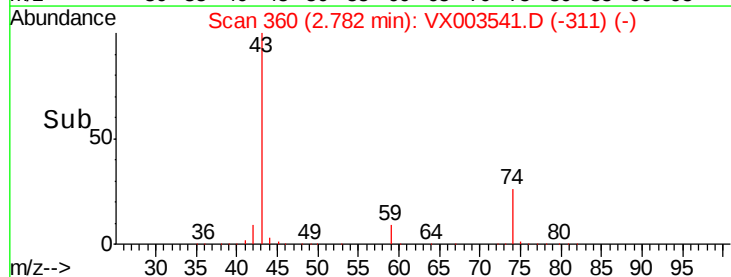
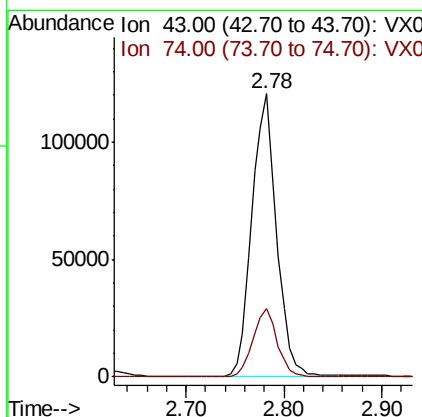
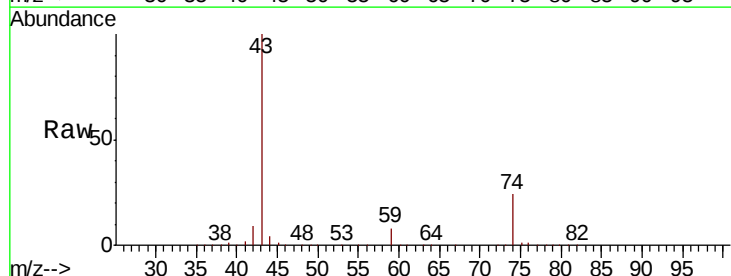


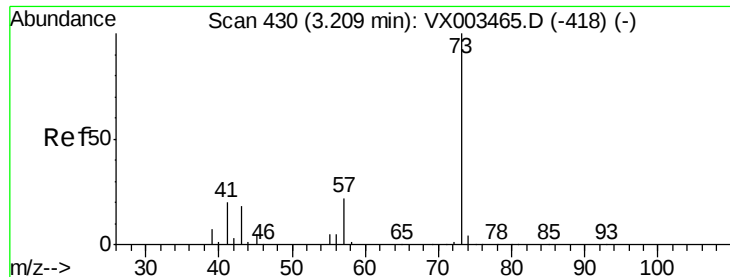
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#18
Methyl Acetate
Concen: 51.407 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	16.7	25.1





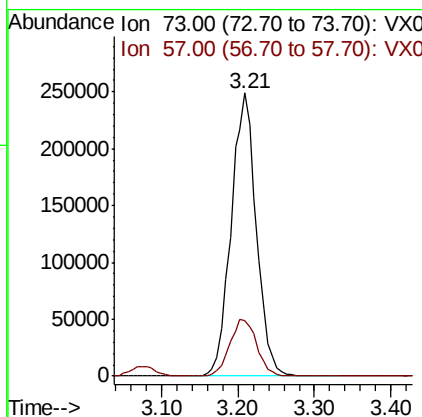
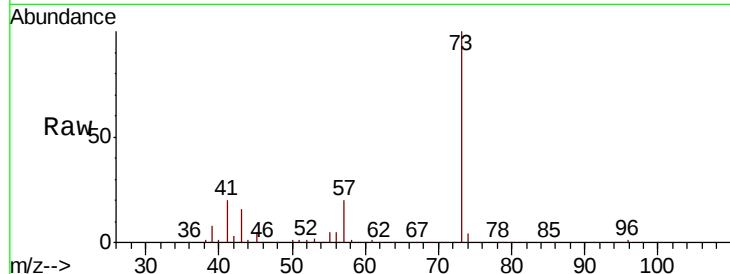
#19
Methyl tert-butyl Ether
Concen: 57.732 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

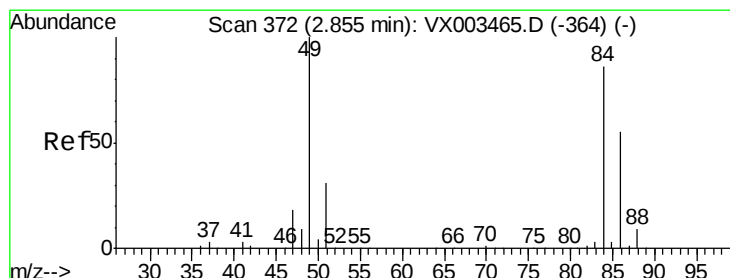
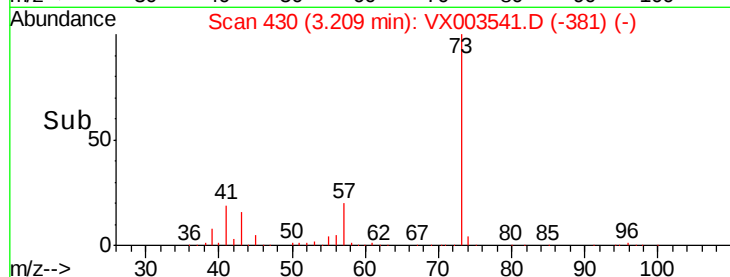
Tgt Ion: 73 Resp: 563948
Ion Ratio Lower Upper
73 100
57 19.6 17.7 26.5

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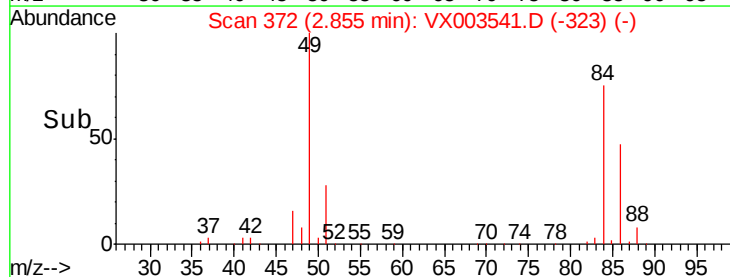
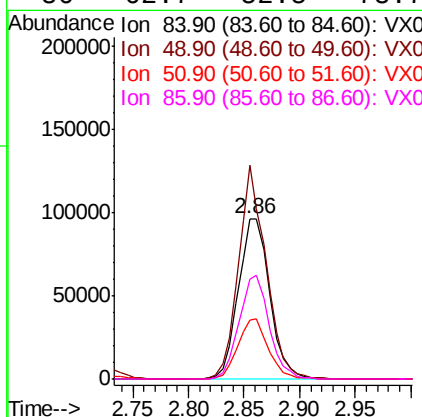
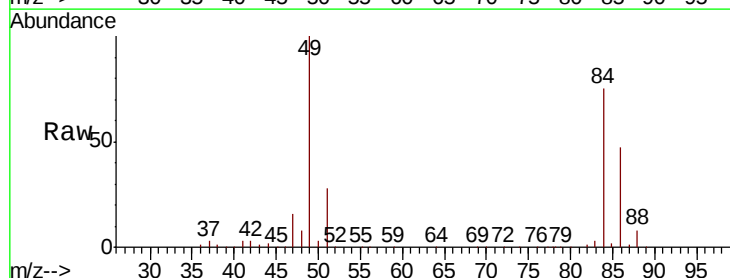


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#20
Methylene Chloride
Concen: 59.131 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 84 Resp: 188836
Ion Ratio Lower Upper
84 100
49 133.4 107.8 161.6
51 36.9 32.8 49.2
86 62.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.602 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

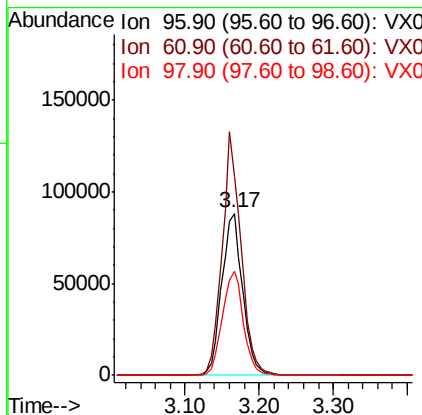
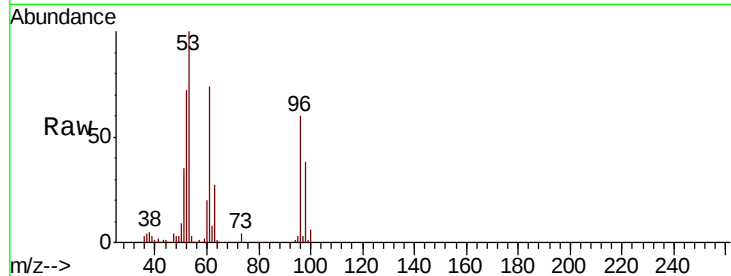
ClientSampleId :

RE104D3-071318MS

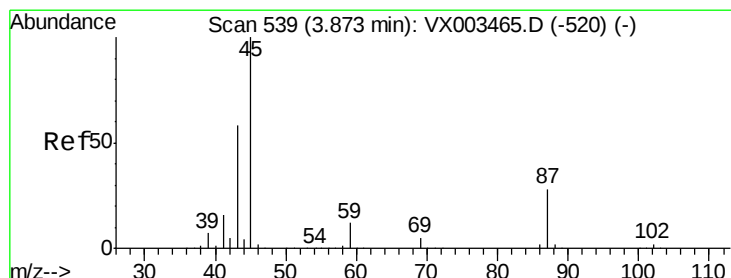
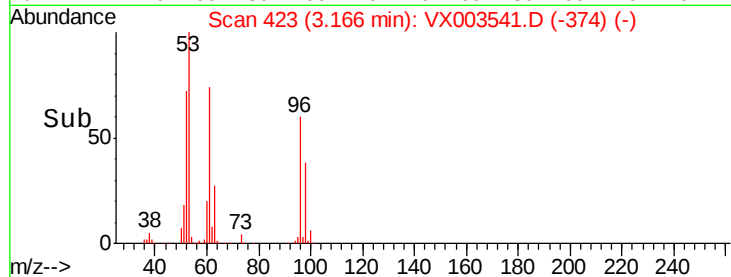
Tgt Ion:	96	Resp:	171751
Ion Ratio	Lower	Upper	
96	100		
61	122.1	117.0	175.4
98	63.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.231 ug/l

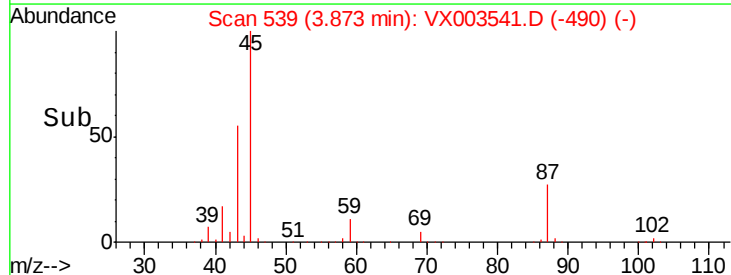
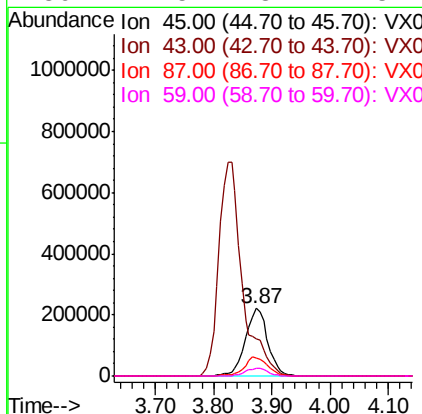
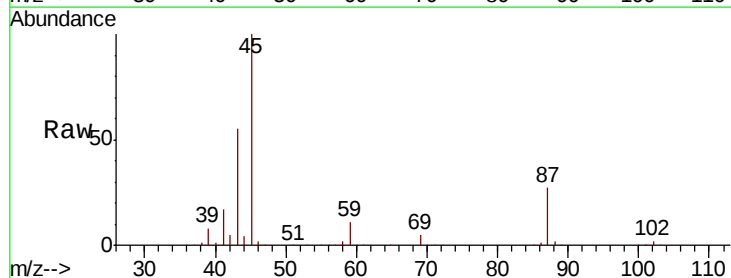
RT: 3.87 min Scan# 539

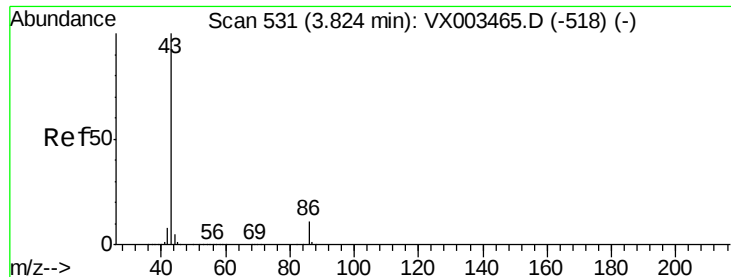
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	45	Resp:	590217
Ion Ratio	Lower	Upper	
45	100		
43	54.6	46.8	70.2
87	26.7	20.2	30.4
59	11.5	8.7	13.1





#23

Vinyl Acetate

Concen: 238.458 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 43 Resp: 1957274

Ion Ratio Lower Upper

43 100

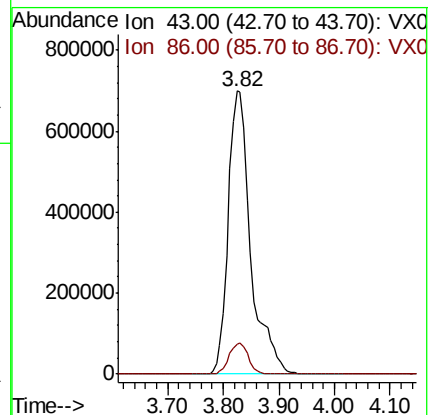
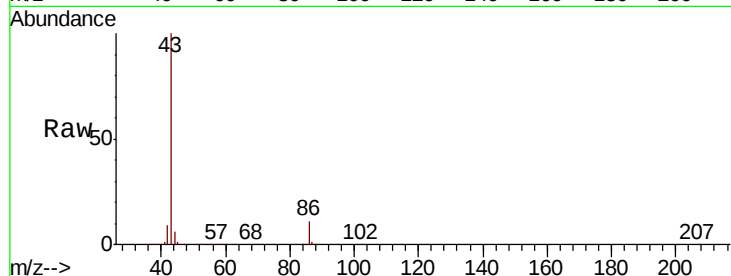
86 10.8 7.4 11.0

Manual Integrations

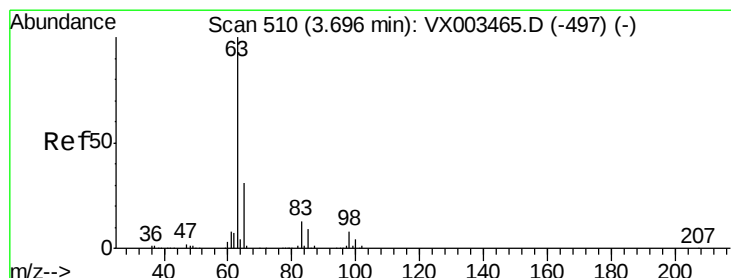
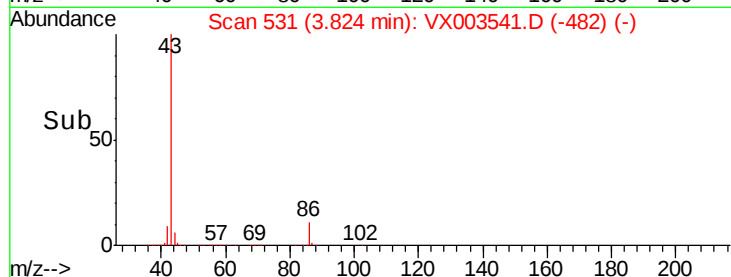
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#24

1,1-Dichloroethane

Concen: 58.448 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

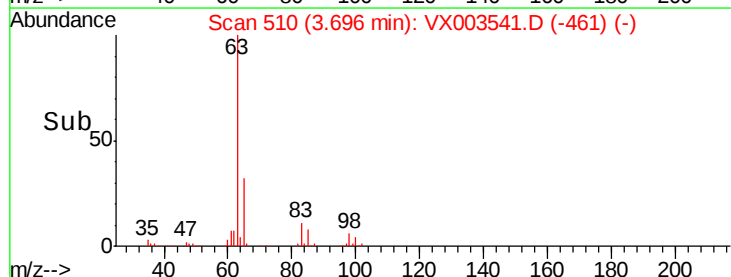
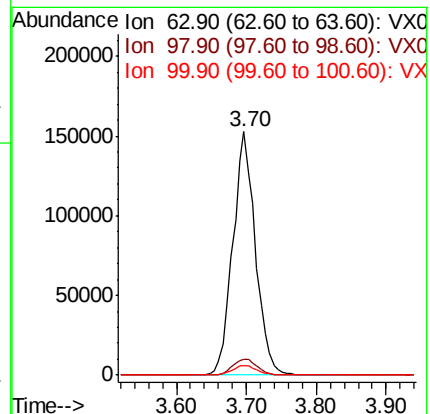
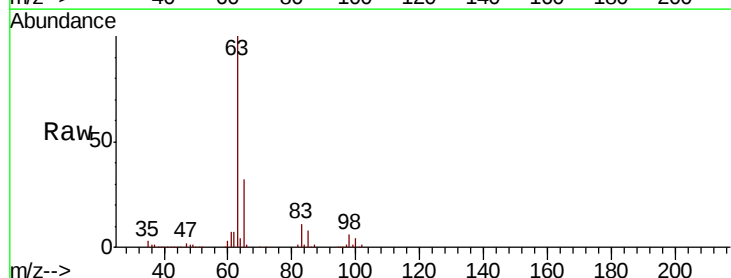
Tgt Ion: 63 Resp: 341713

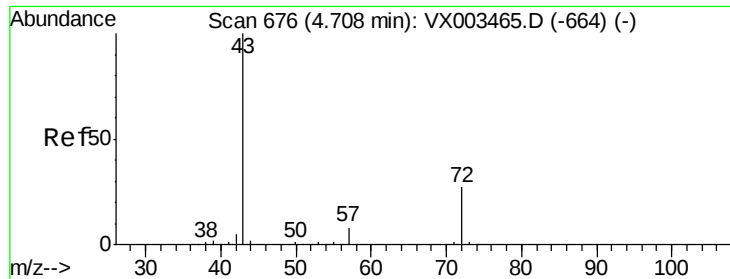
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 296.570 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 43 Resp: 651633

Ion Ratio Lower Upper

43 100

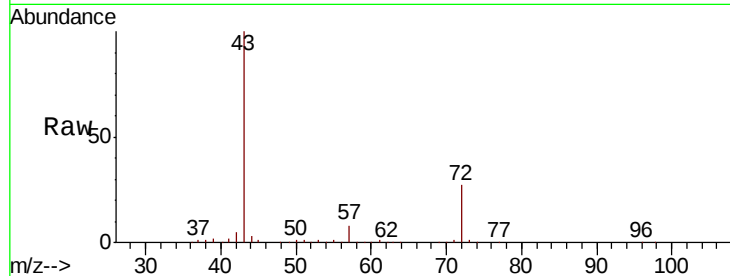
72 26.5 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

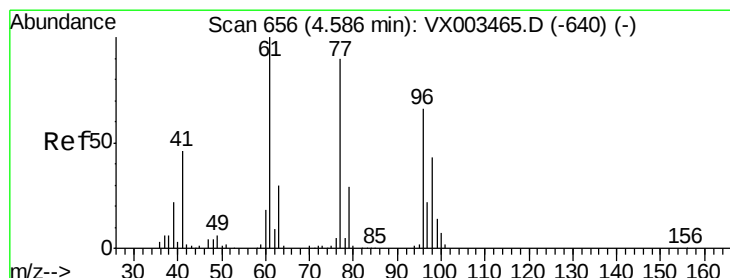
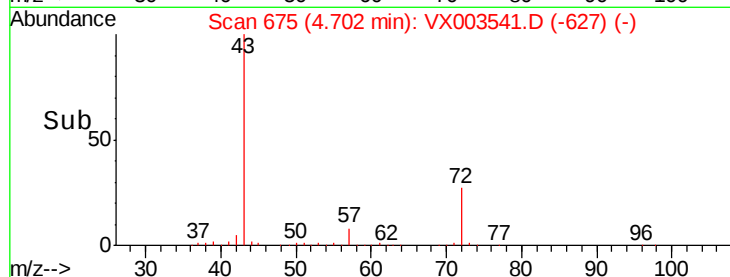
50000

0

4.60 4.70 4.80

Time-->

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#26

2,2-Dichloropropane

Concen: 31.782 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003541.D

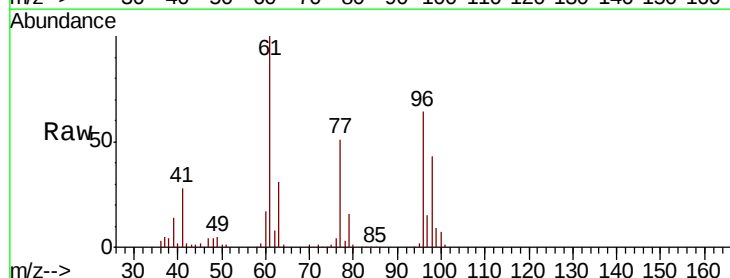
Acq: 21 Jul 2018 06:14

Tgt Ion: 77 Resp: 141125

Ion Ratio Lower Upper

77 100

97 27.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

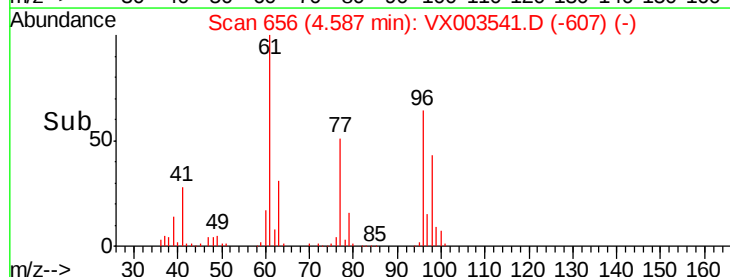
20000

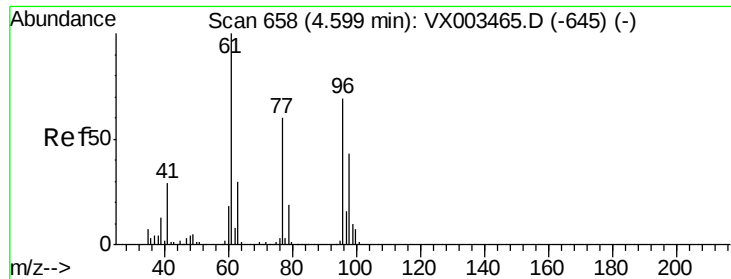
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

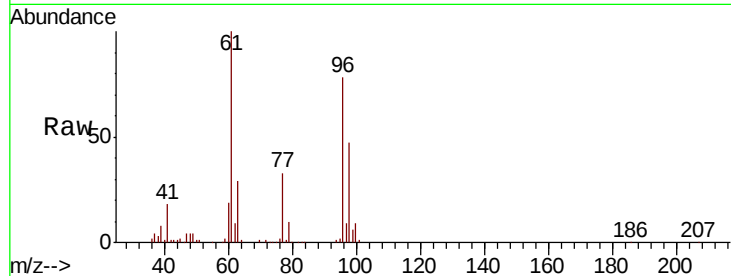
cis-1,2-Dichloroethene
Concen: 55.297 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

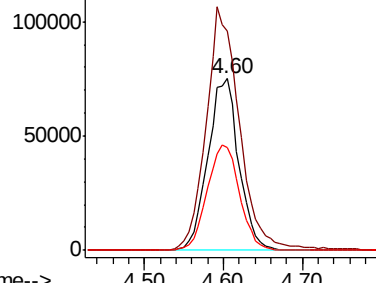
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	204933		
61	153.8	0.0	330.2	
98	64.1	0.0	130.2	

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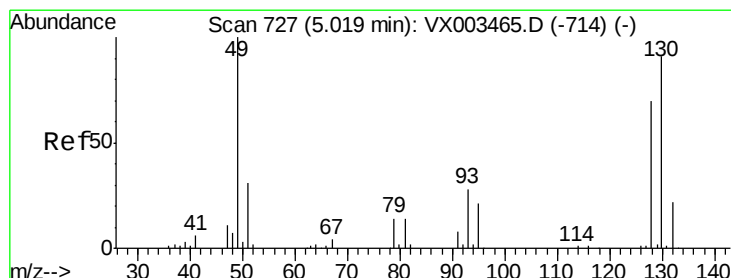
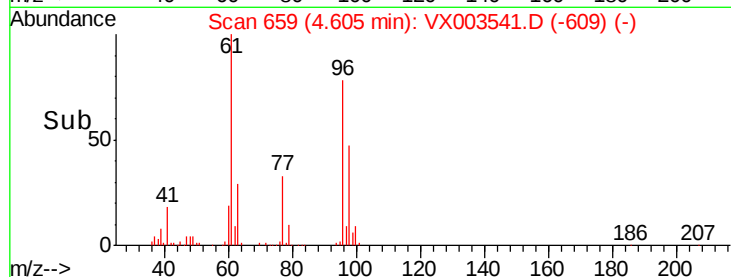
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



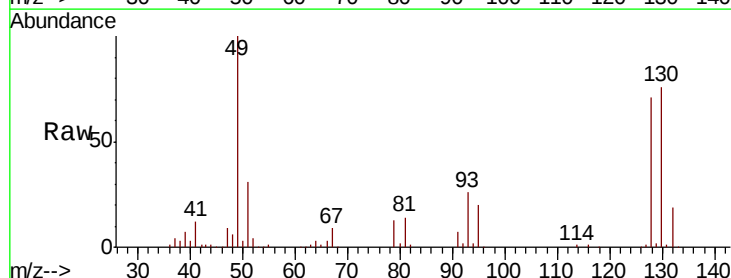
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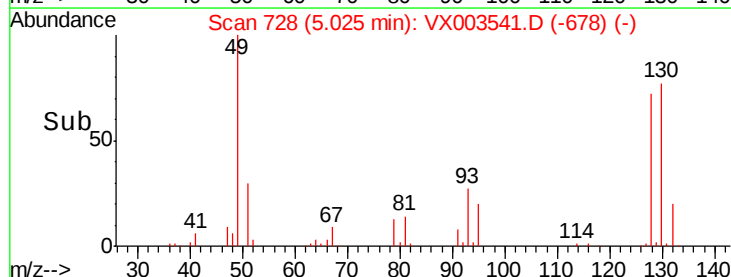
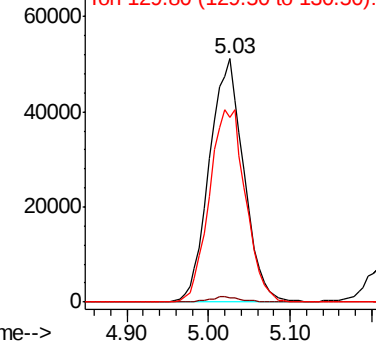
#28

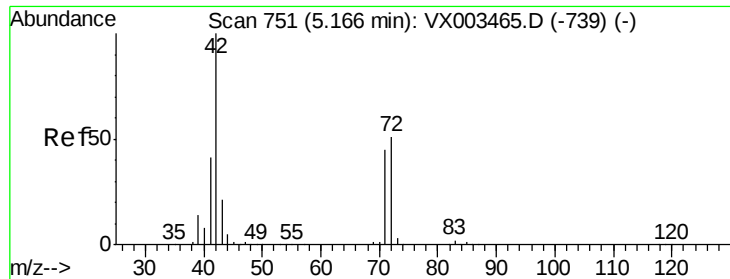
Bromochloromethane
Concen: 58.676 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149942		
129	2.1	0.0	4.2	
130	83.5	61.2	91.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





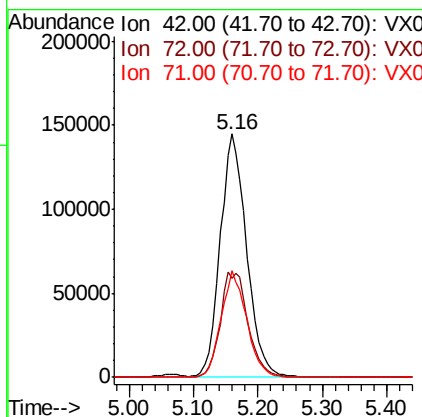
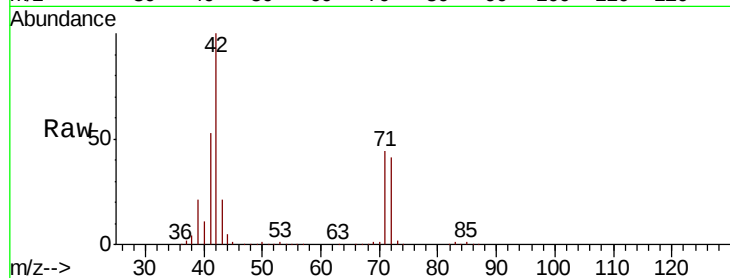
#29
Tetrahydrofuran
Concen: 287.507 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

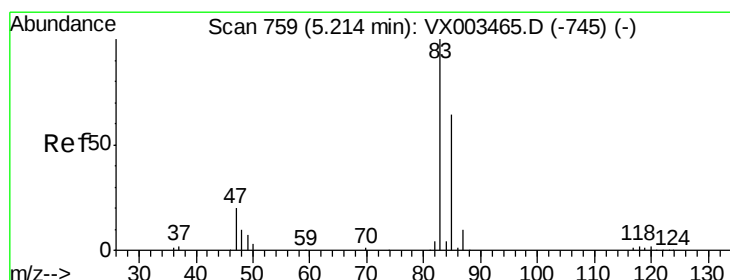
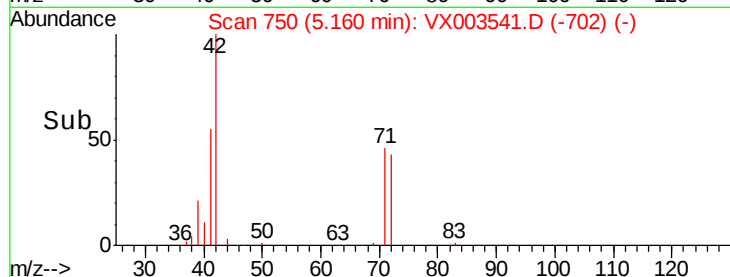
Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.9	32.0	48.0
71	42.7	30.1	45.1

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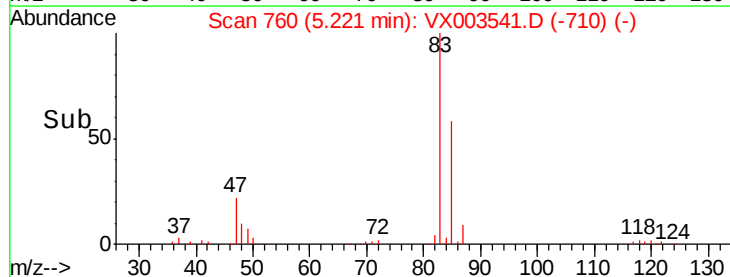
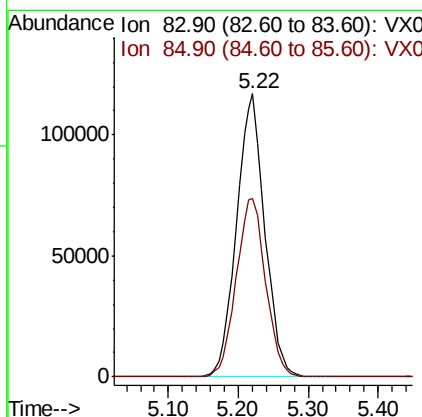
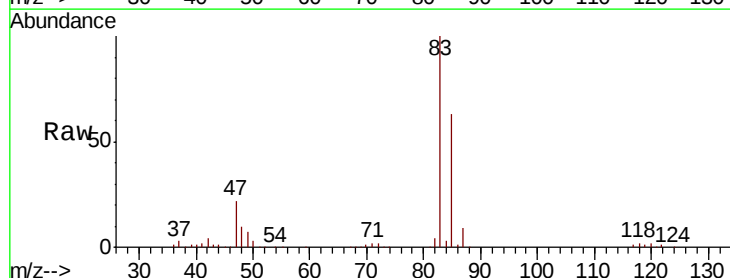


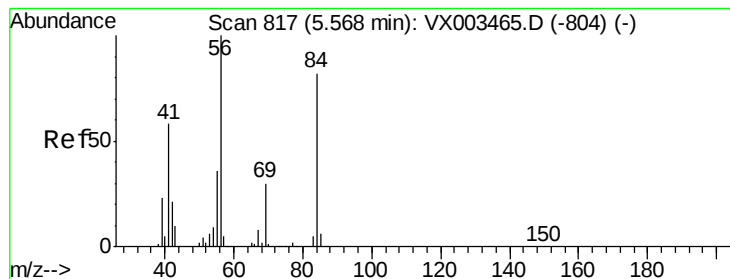
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#30
Chloroform
Concen: 57.111 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.4	75.6





#31

Cyclohexane

Concen: 51.932 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

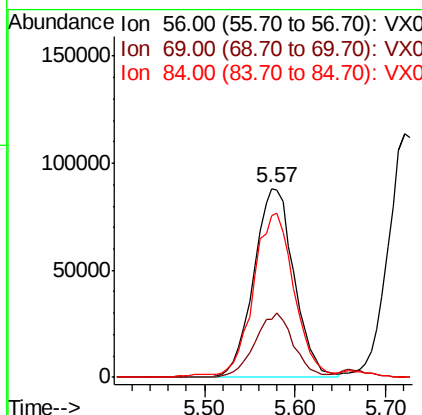
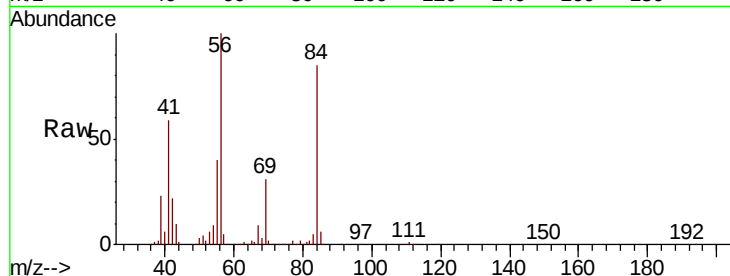
ClientSampleId :

RE104D3-071318MS

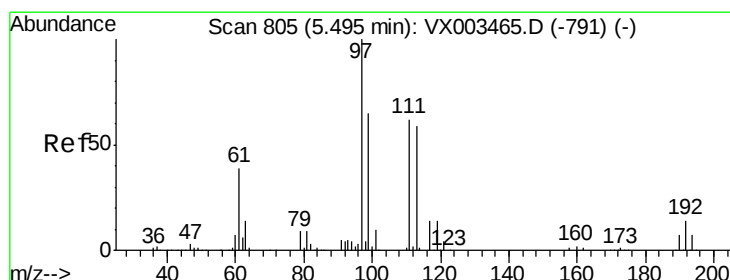
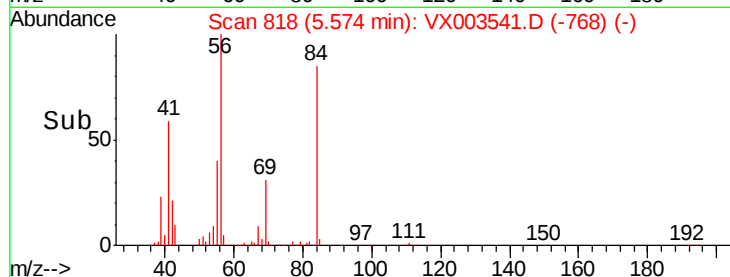
Tgt Ion:	56	Resp:	271276
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.7	35.5
84	84.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 56.208 ug/l

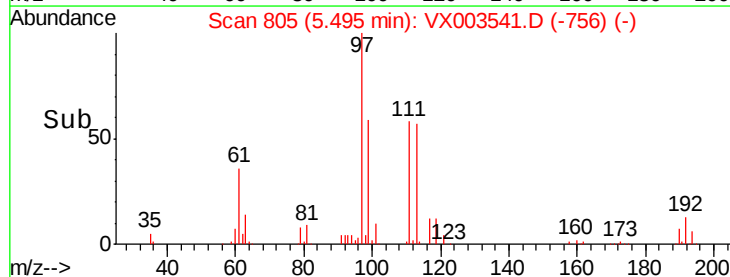
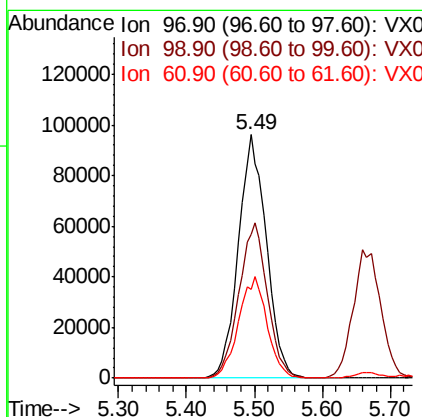
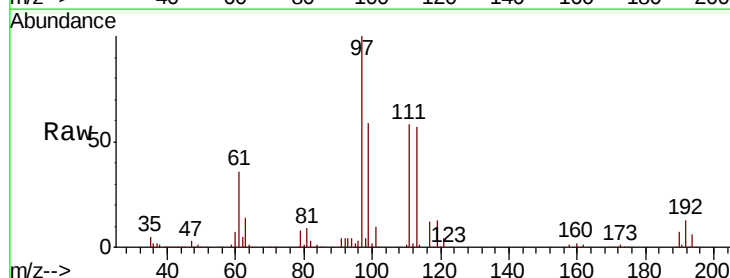
RT: 5.49 min Scan# 805

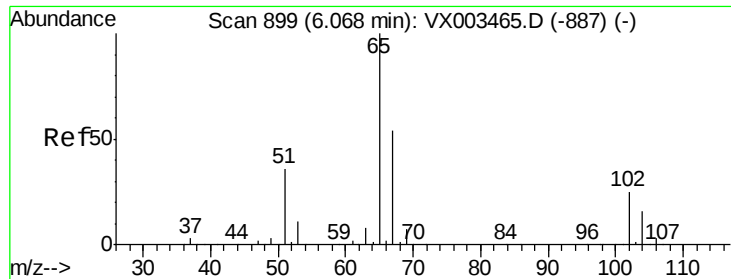
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	97	Resp:	274789
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.6	77.4
61	42.4	36.4	54.6





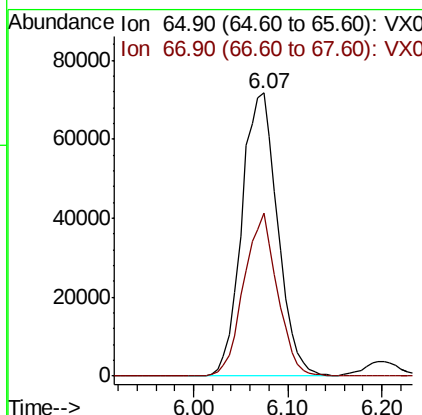
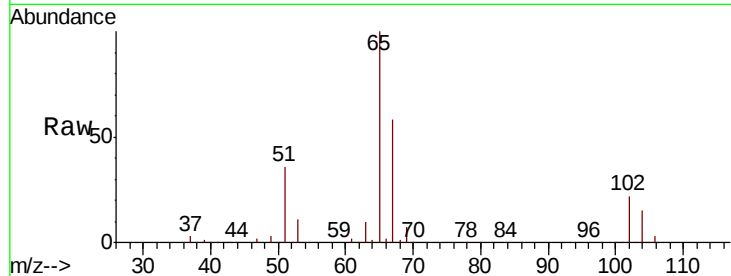
#33
 1,2-Dichloroethane-d4
 Concen: 55.196 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

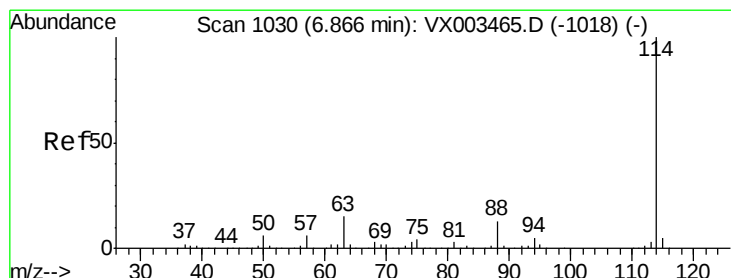
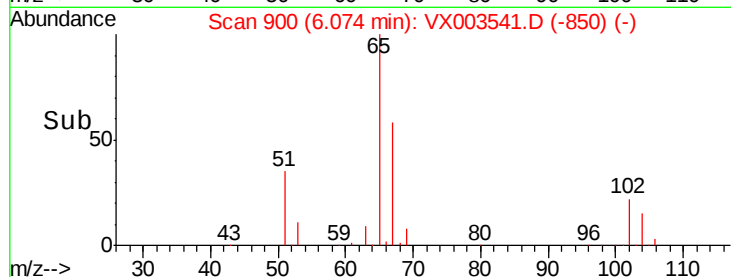
Tgt Ion: 65 Resp: 191364
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 102.6

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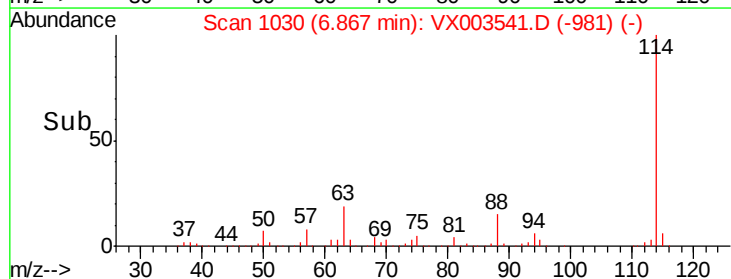
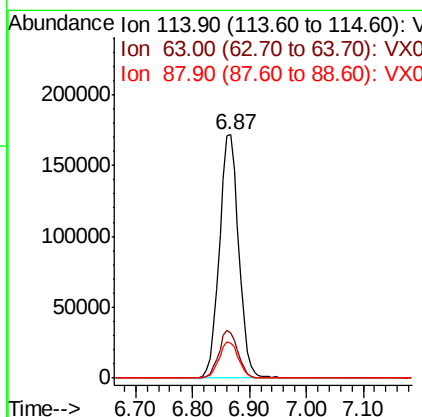
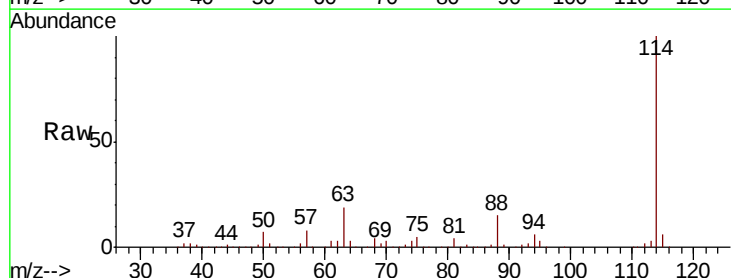


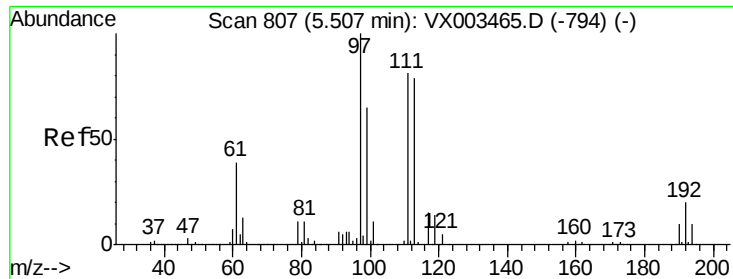
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 114 Resp: 404632
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 14.5 0.0 30.0





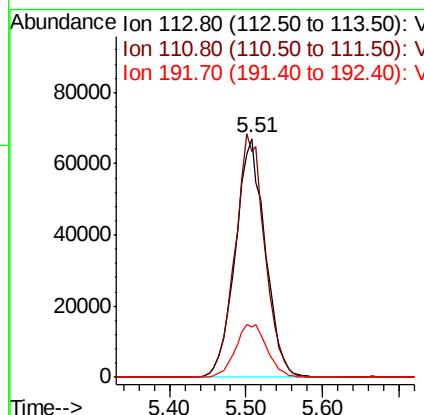
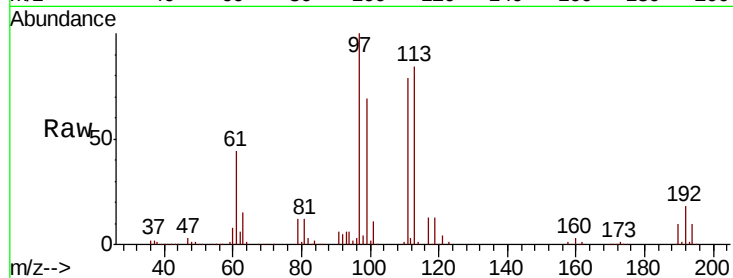
#35
Dibromofluoromethane
Concen: 58.705 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

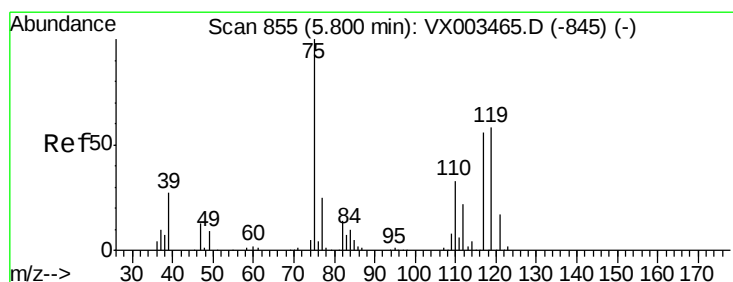
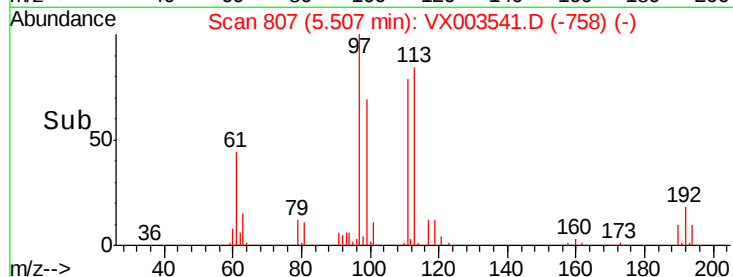
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	180927		
111	101.5	81.4	122.0	
192	23.6	19.1	28.7	

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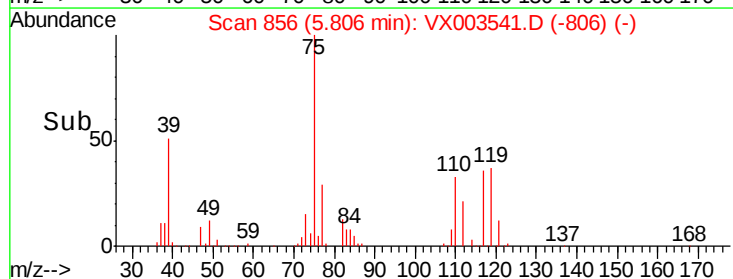
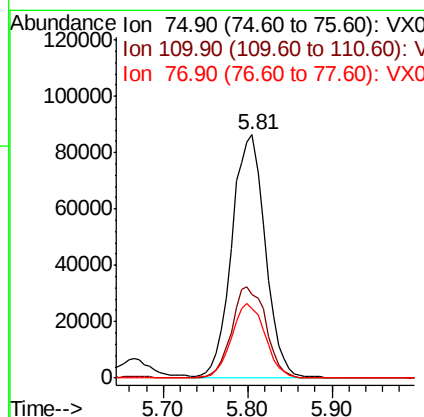
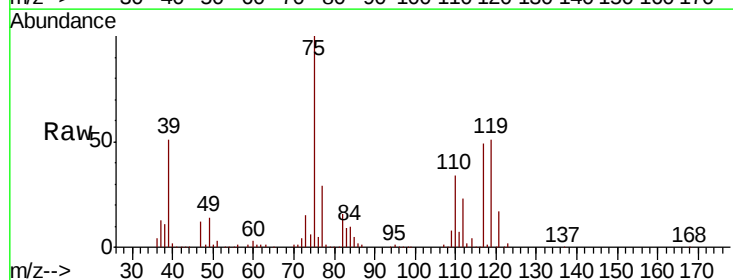


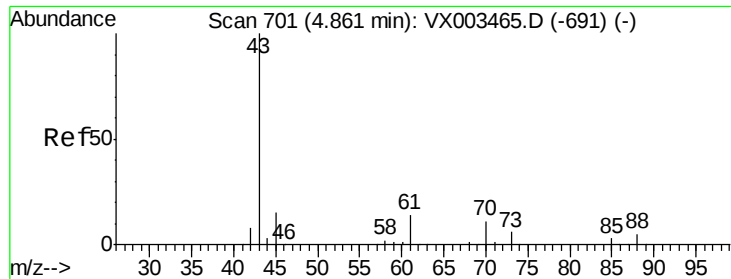
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#36
1,1-Dichloropropene
Concen: 53.019 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	231623		
110	38.8	18.1	54.4	
77	31.5	24.3	36.5	





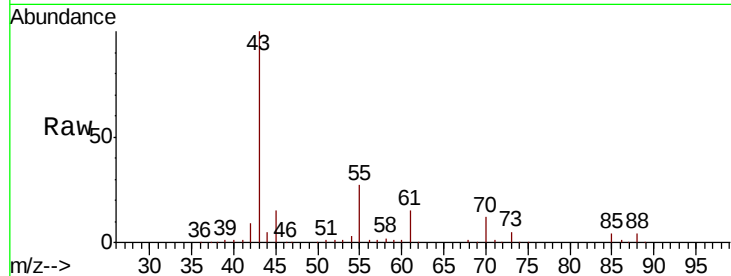
#37
Ethyl Acetate
Concen: 50.704 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.4	15.6
70	11.1	7.6	11.4

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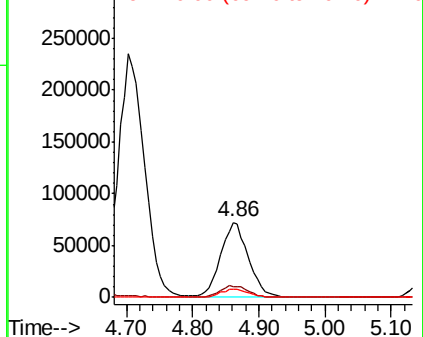


Abundance

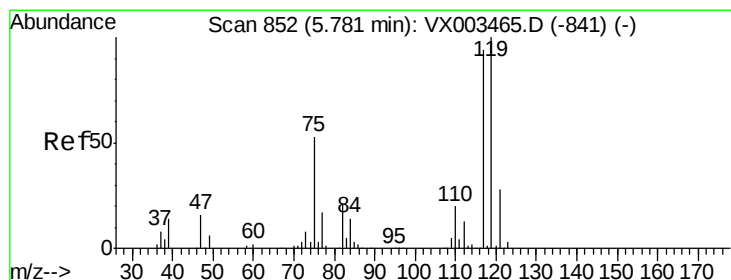
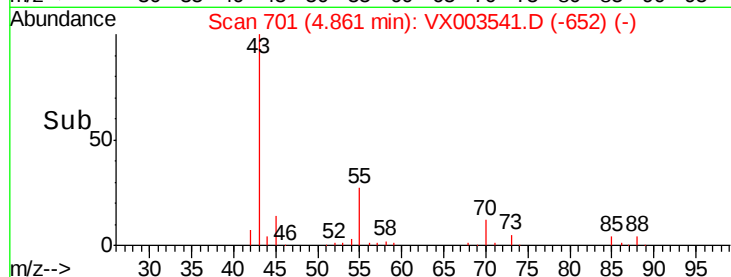
Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

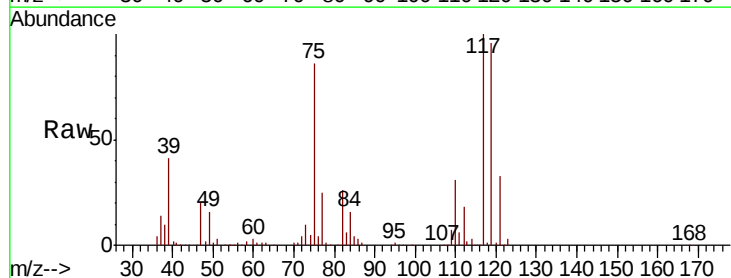


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#38
Carbon Tetrachloride
Concen: 55.292 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
121	32.7	24.4	36.6

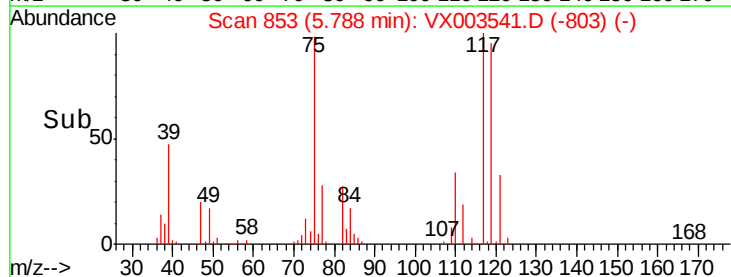
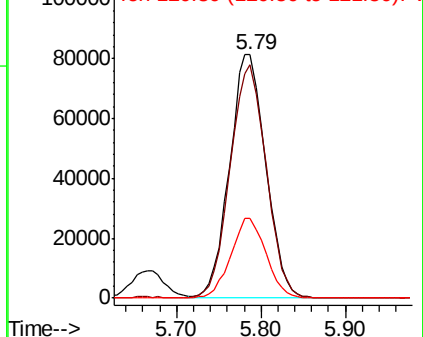


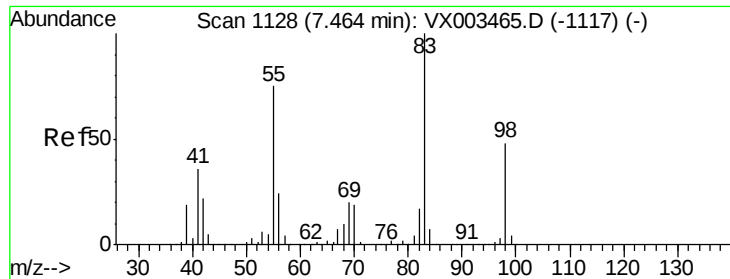
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





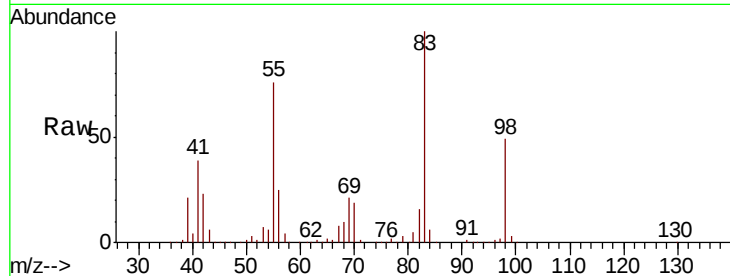
#39
Methylcyclohexane
Concen: 47.691 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	65.4	98.0
98	48.5	37.4	56.0

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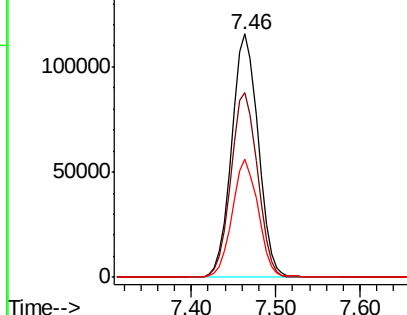


Abundance

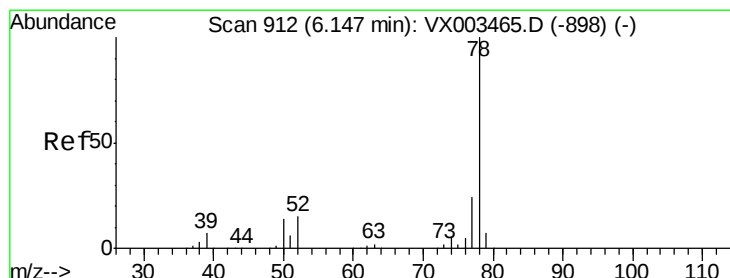
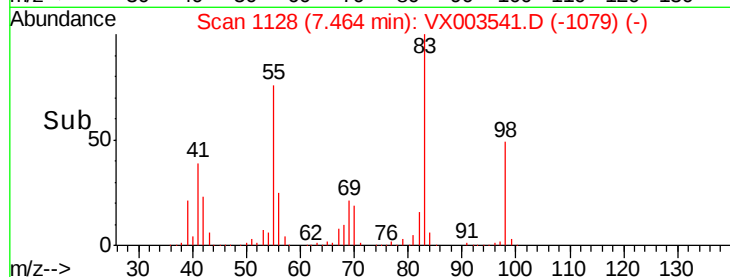
Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

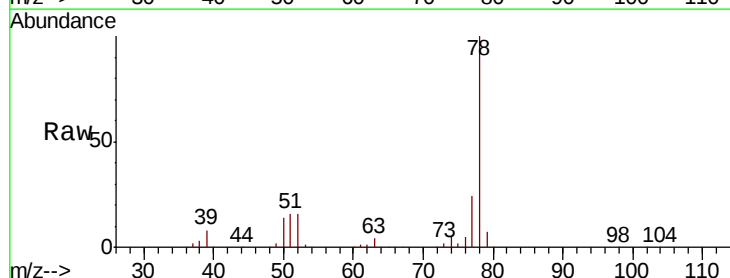


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#40
Benzene
Concen: 52.068 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

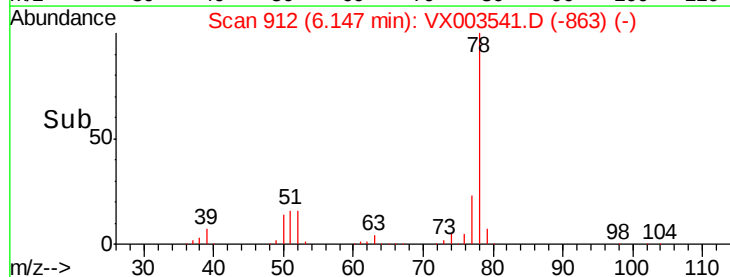
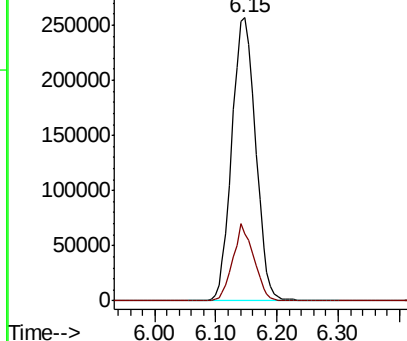
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

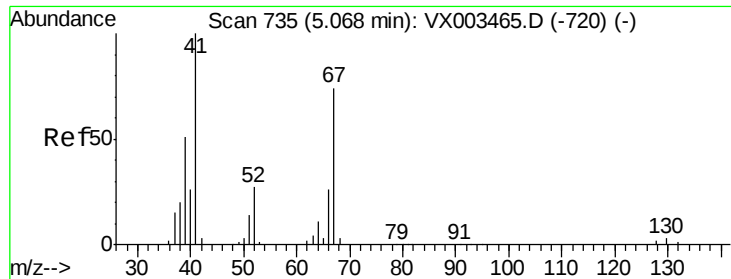


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





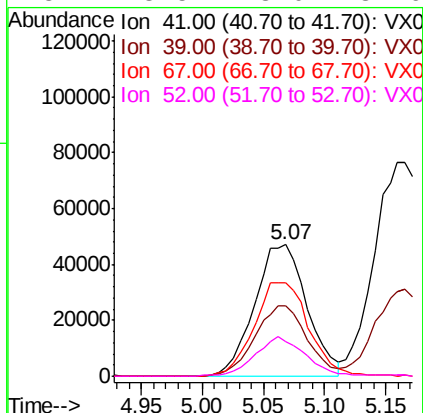
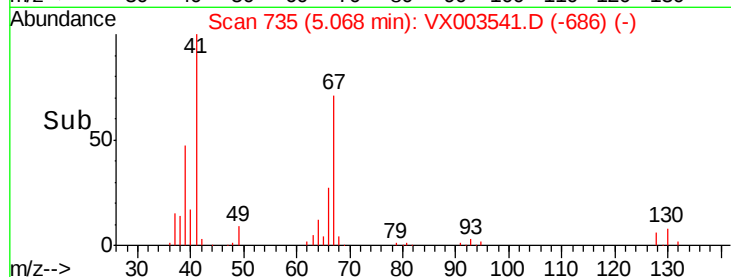
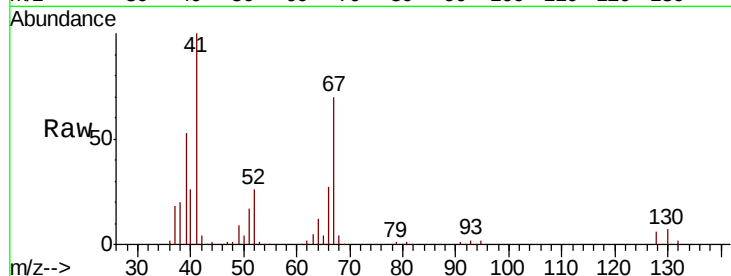
#41
Methacrylonitrile
Concen: 57.783 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

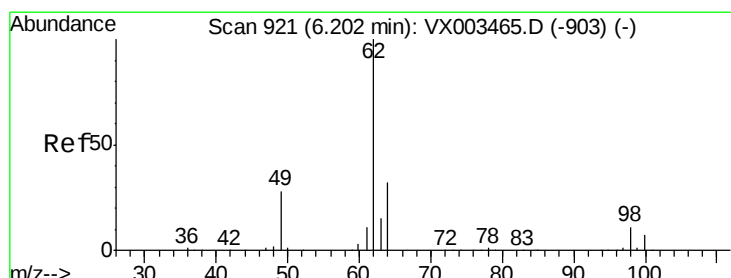
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	45.8	68.6	
67	74.7	51.3	76.9	
52	28.5	23.0	34.6	

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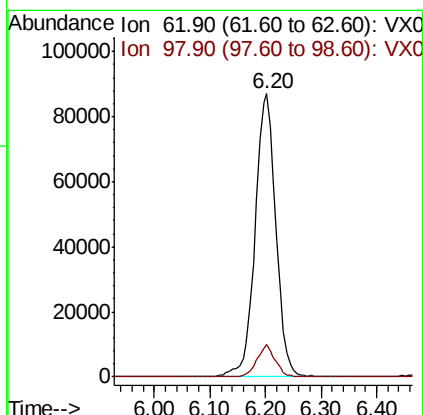
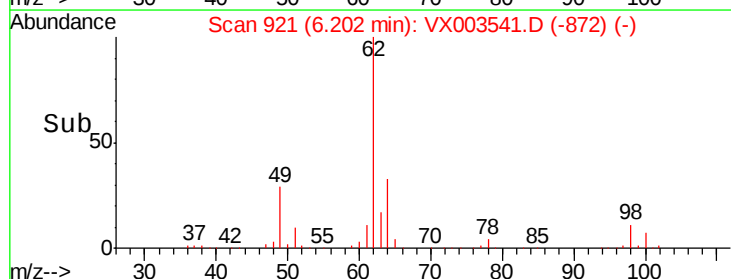
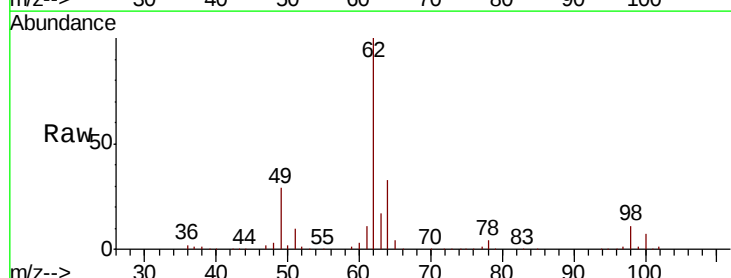


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#42
1,2-Dichloroethane
Concen: 54.692 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	16.6	





#43

Isopropyl Acetate

Concen: 48.275 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

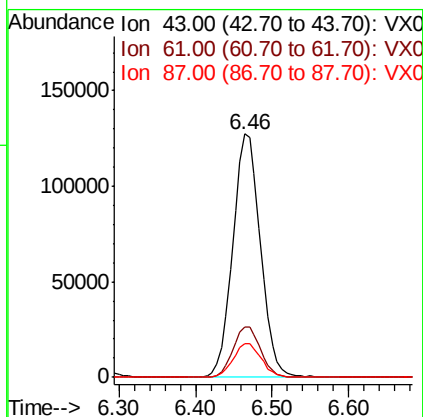
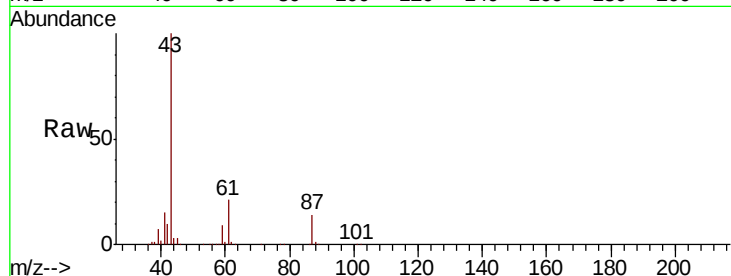
ClientSampleId :

RE104D3-071318MS

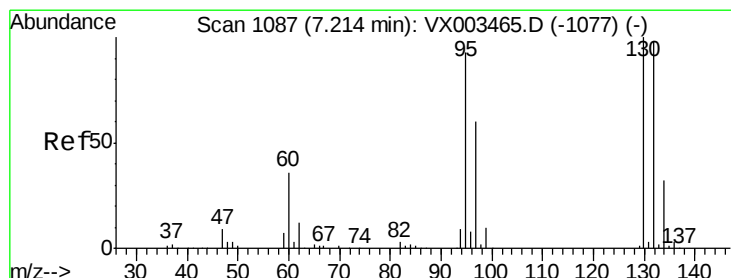
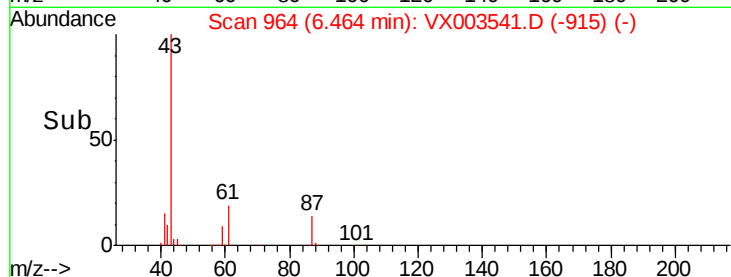
Tgt Ion:	43	Resp:	317456
Ion Ratio	Lower	Upper	
43	100		
61	20.8	14.4	21.6
87	14.0	9.5	14.3

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#44

Trichloroethene

Concen: 51.668 ug/l

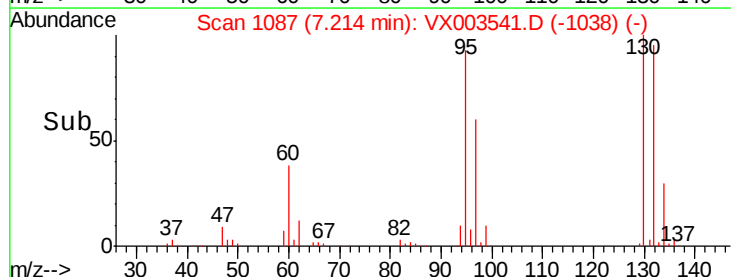
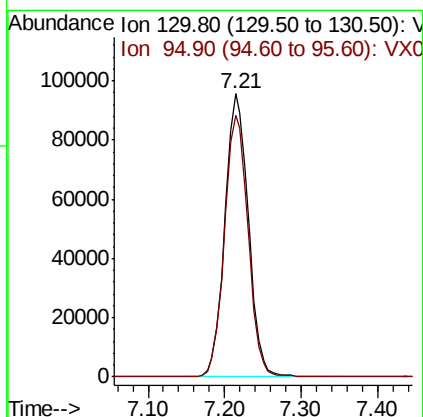
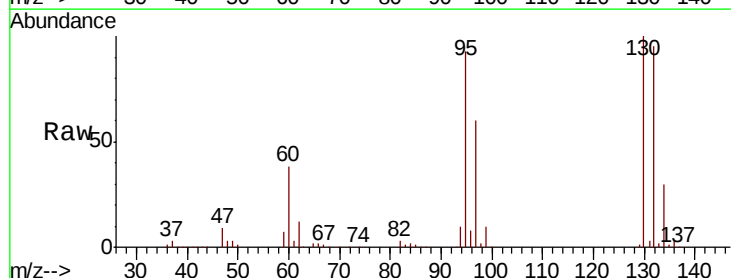
RT: 7.21 min Scan# 1087

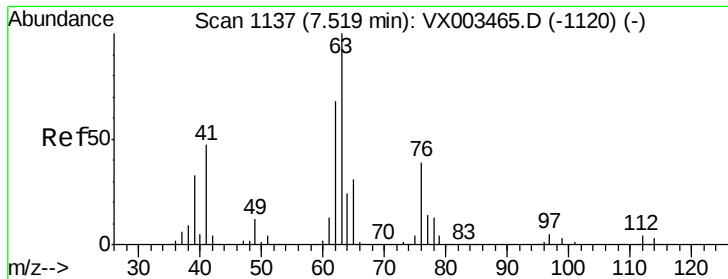
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	130	Resp:	203241
Ion Ratio	Lower	Upper	
130	100		
95	92.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 52.745 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 63 Resp: 176655

Ion Ratio Lower Upper

63 100

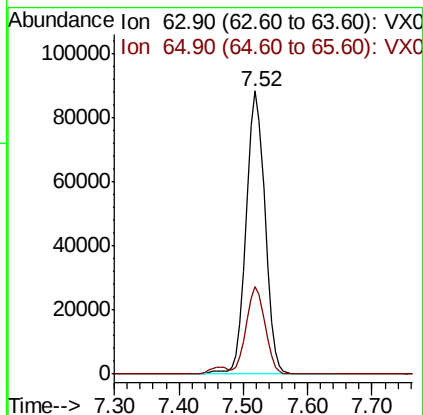
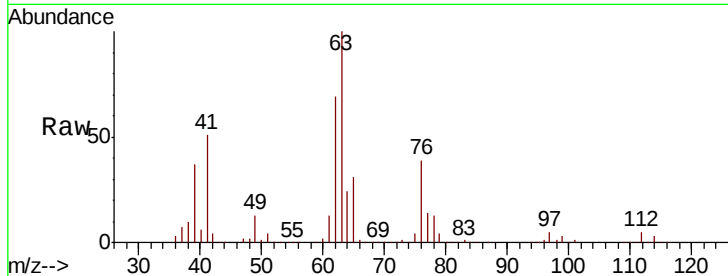
65 31.1 24.7 37.1

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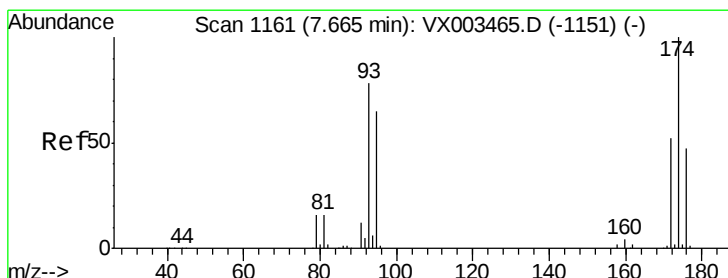
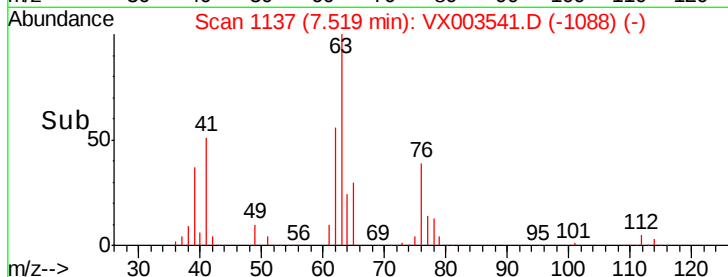
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#46

Dibromomethane

Concen: 53.137 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

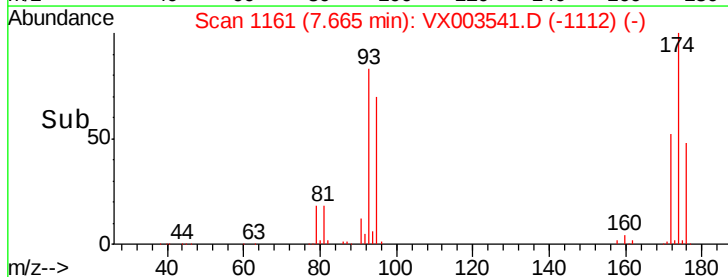
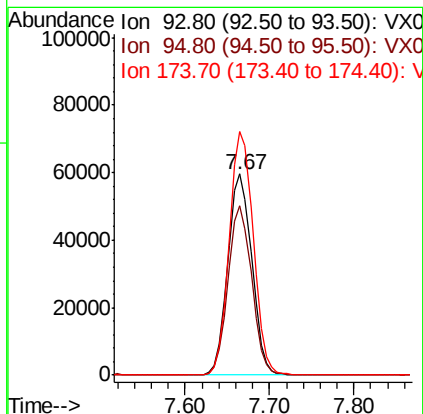
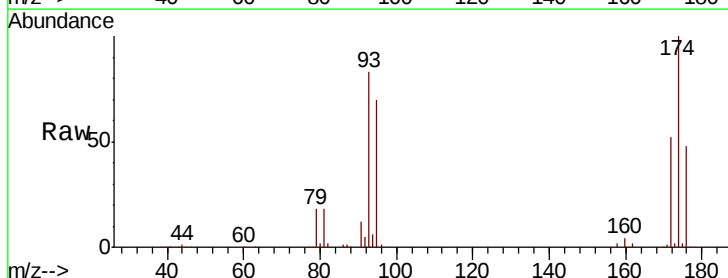
Tgt Ion: 93 Resp: 114574

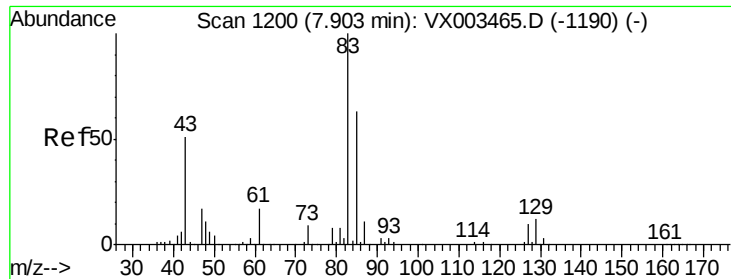
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 121.1 92.4 138.6





#47

Bromodichloromethane

Concen: 54.772 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

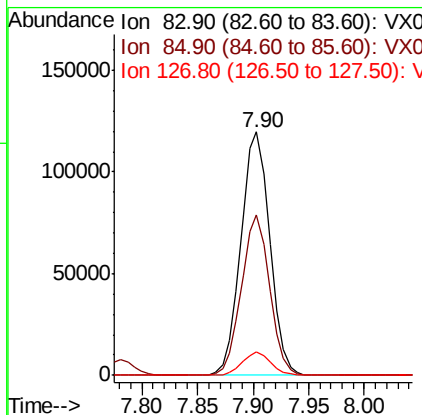
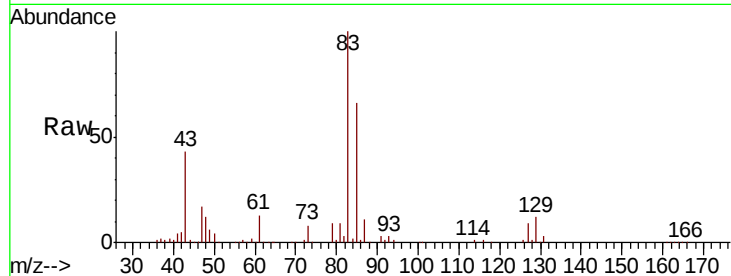
ClientSampleId :

RE104D3-071318MS

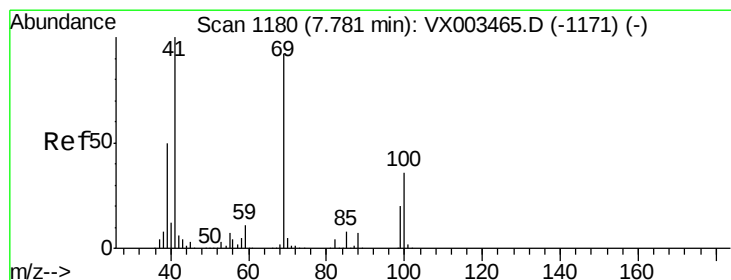
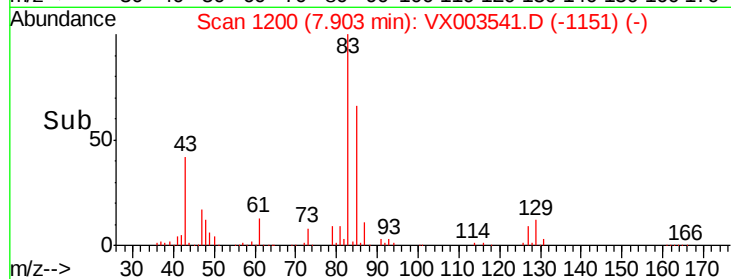
Tgt Ion:	83	Resp:	216208
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.319 ug/l

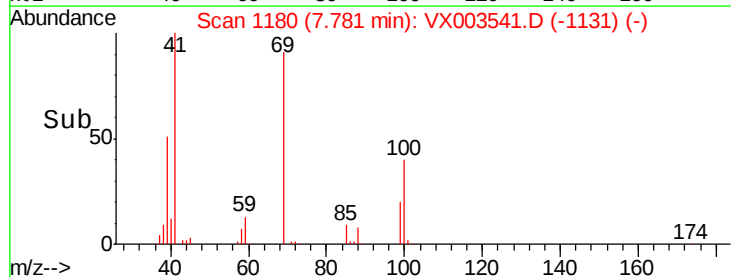
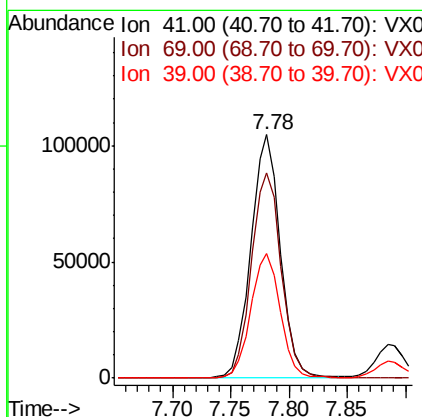
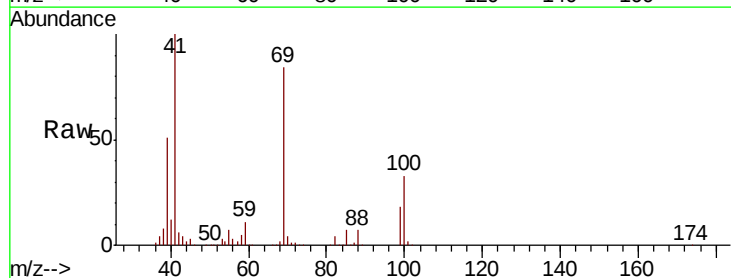
RT: 7.78 min Scan# 1180

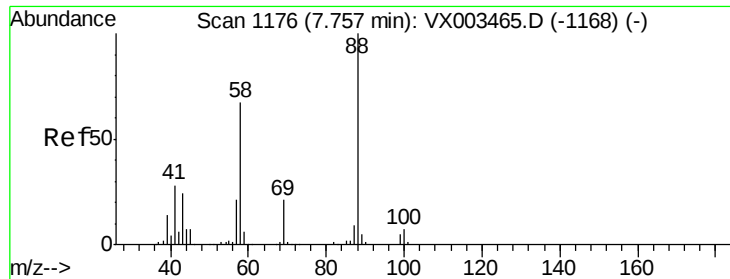
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	41	Resp:	183452
Ion	Ratio	Lower	Upper
41	100		
69	86.6	59.1	88.7
39	51.2	48.9	73.3





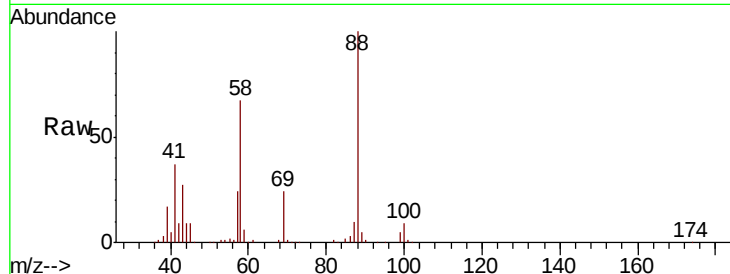
#49
1,4-Dioxane
Concen: 1067.542 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.0	29.8	44.6
58	70.0	57.1	85.7

Manual Integrations
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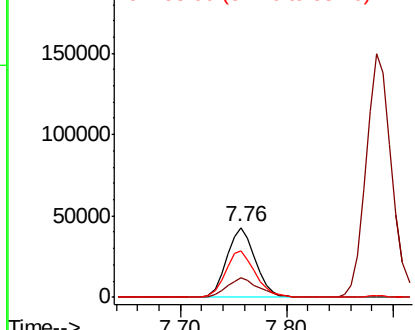


Abundance

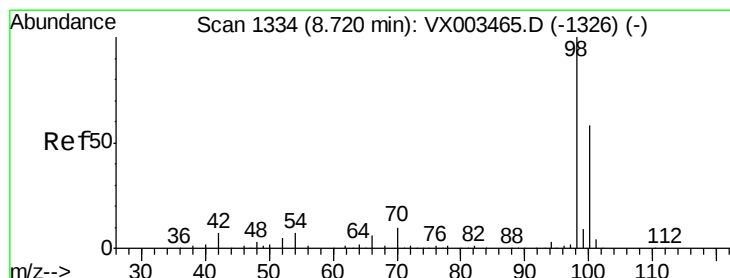
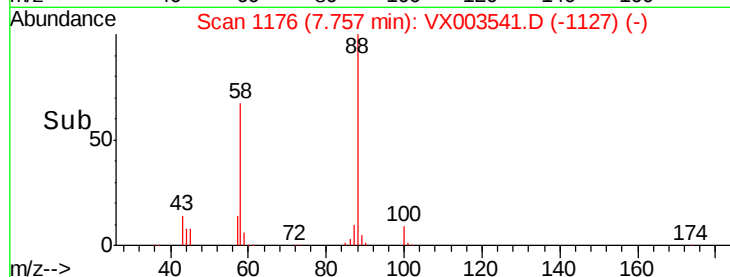
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

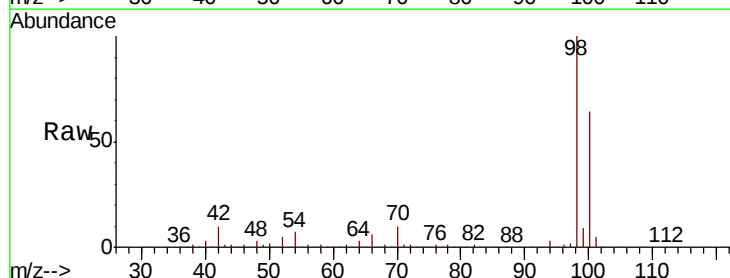


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#50
Toluene-d8
Concen: 53.272 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

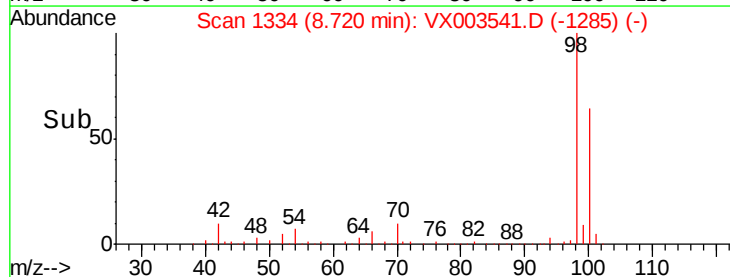
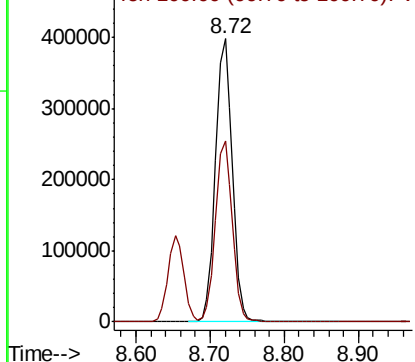
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3

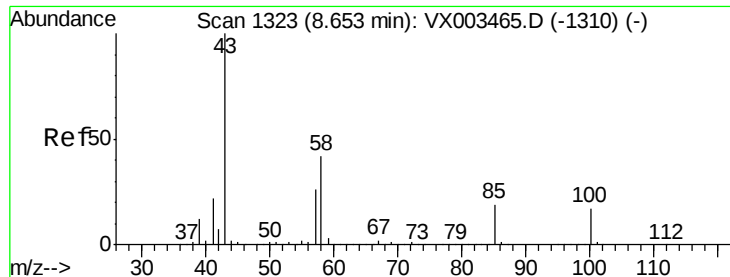


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





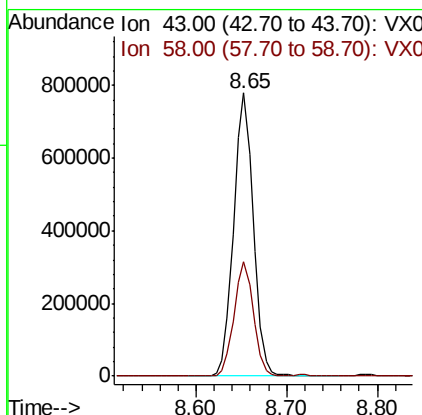
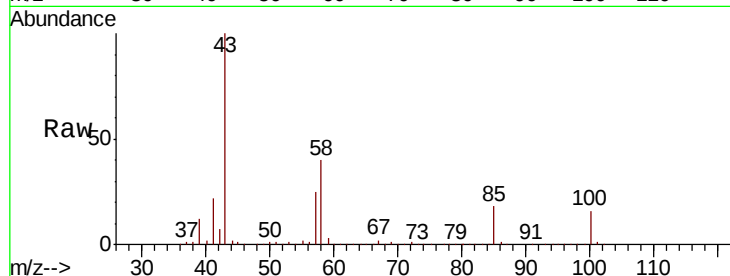
#51
4-Methyl-2-Pentanone
Concen: 282.420 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

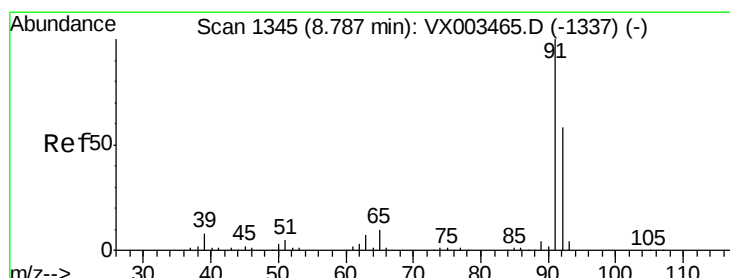
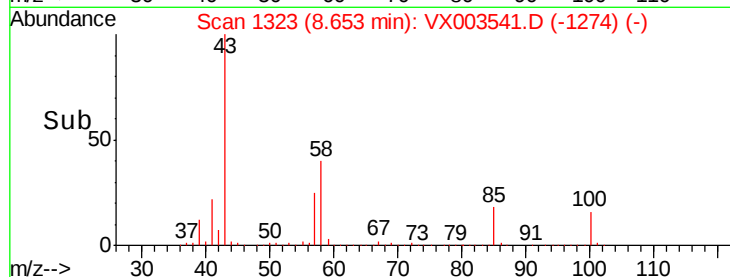
Tgt Ion: 43 Resp: 1173298
Ion Ratio Lower Upper
43 100
58 40.0 28.6 42.8

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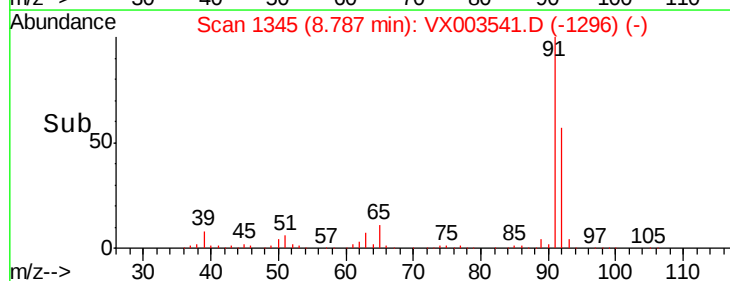
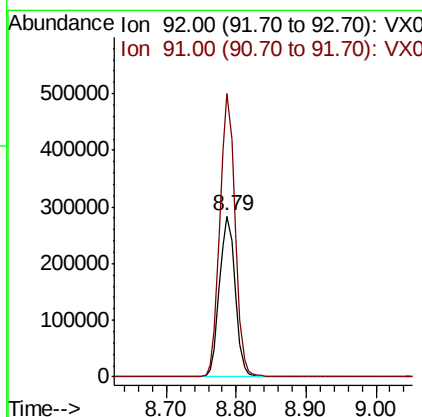
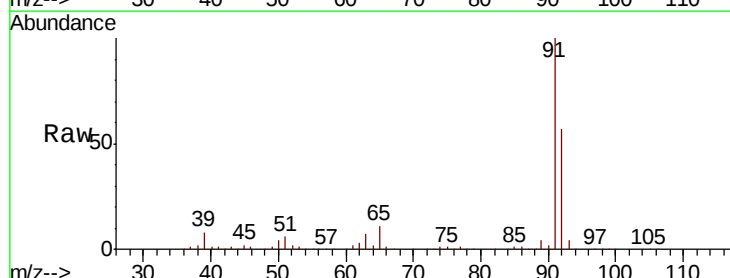


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#52
Toluene
Concen: 53.378 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 92 Resp: 443177
Ion Ratio Lower Upper
92 100
91 172.1 140.4 210.6





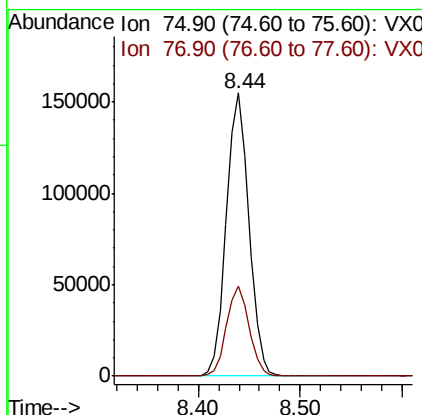
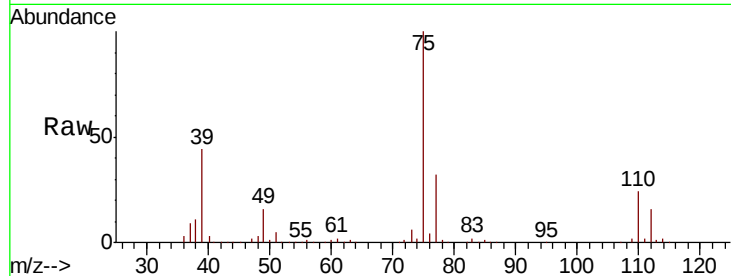
#53
t-1,3-Dichloropropene
Concen: 48.955 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

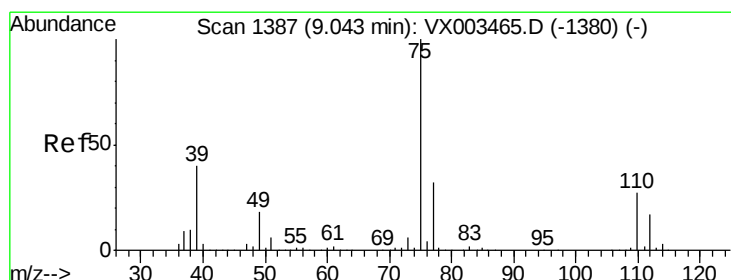
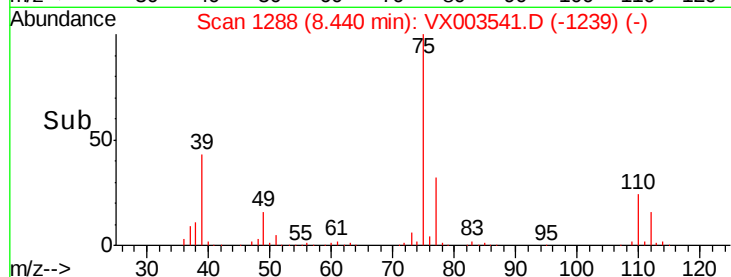
Tgt Ion: 75 Resp: 237851
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

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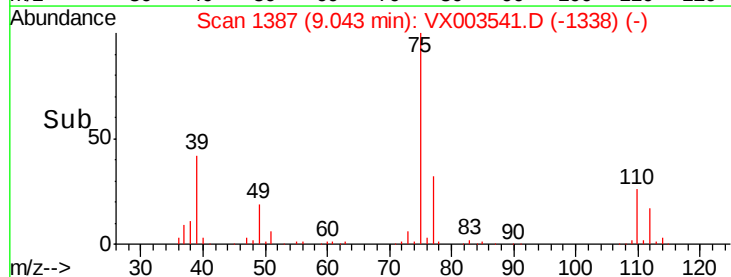
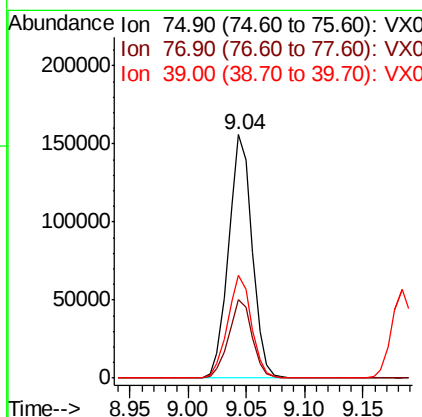
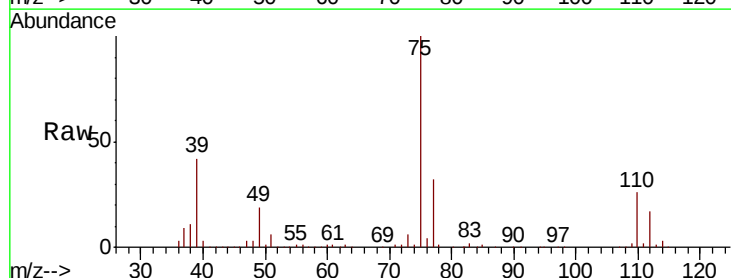


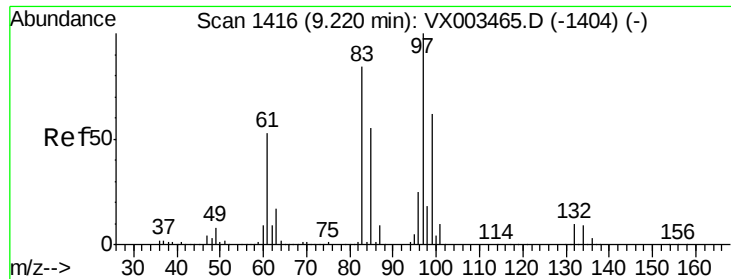
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#54
cis-1,3-Dichloropropene
Concen: 50.390 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 75 Resp: 220171
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 42.2 42.4 63.6#





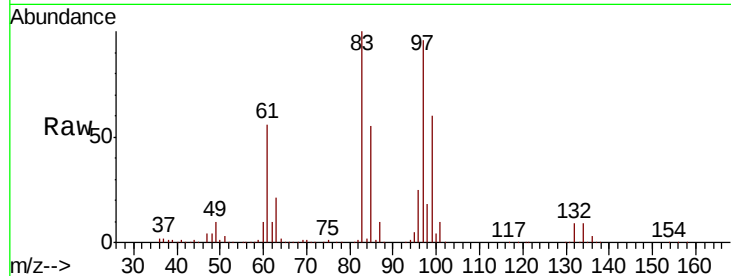
#55
 1,1,2-Trichloroethane
 Concen: 53.120 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

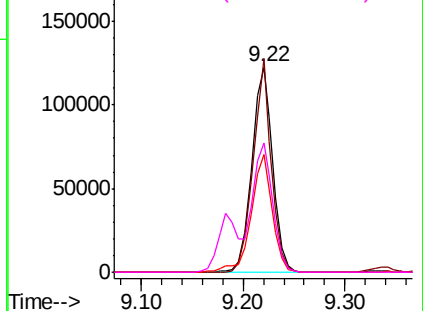
Tgt Ion	Ratio	Lower	Upper
97	100		
83	104.1	70.2	105.2
85	57.6	44.9	67.3
99	62.7	49.8	74.8

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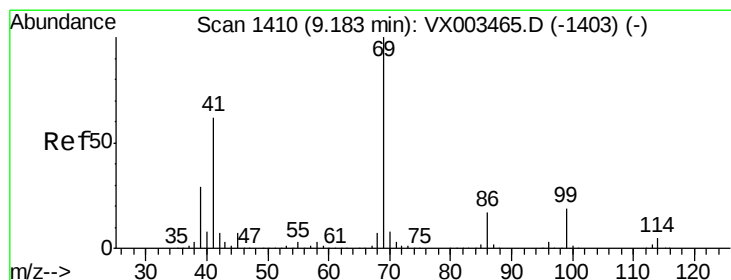
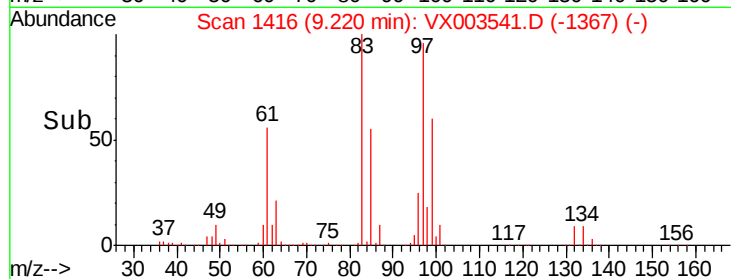
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Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

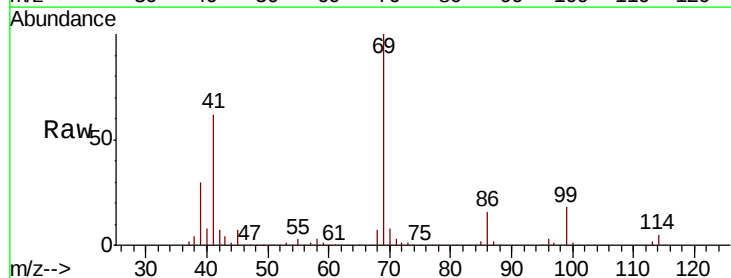


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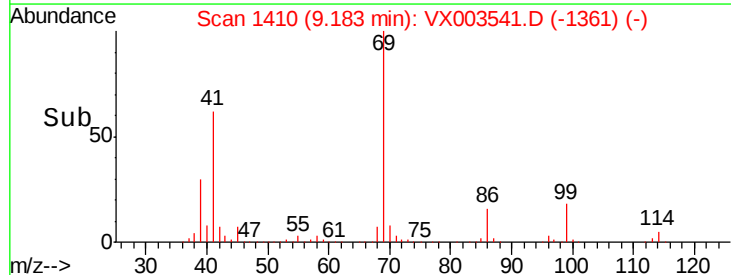
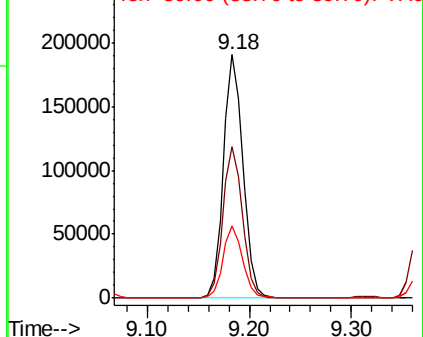


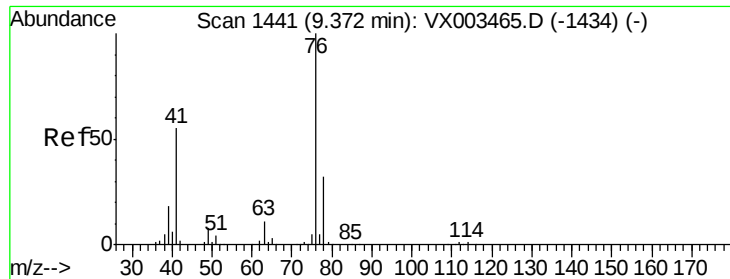
#56
 Ethyl methacrylate
 Concen: 54.680 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	60.3	90.5
39	30.1	35.8	53.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





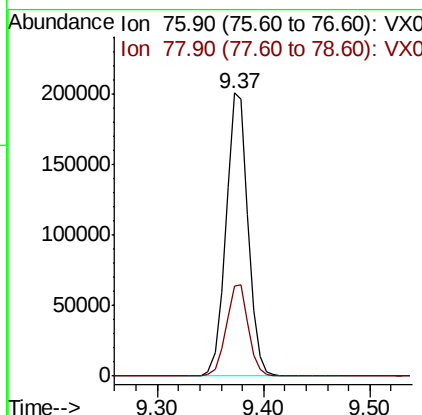
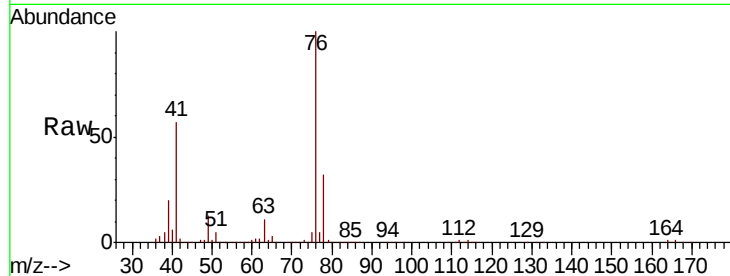
#57
 1,3-Dichloropropane
 Concen: 54.218 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

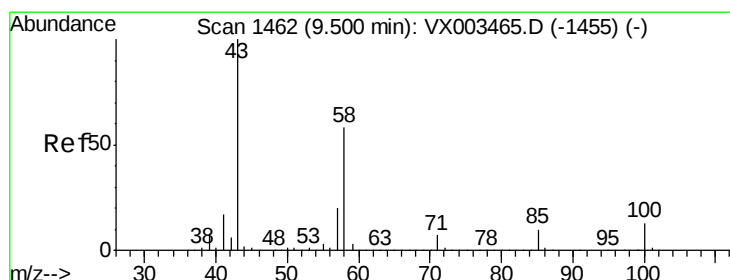
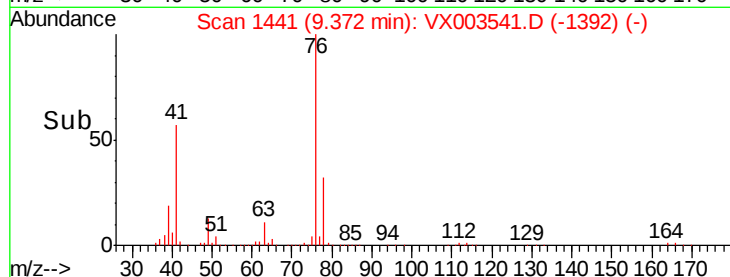
Tgt Ion: 76 Resp: 289549
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

Manual Integrations
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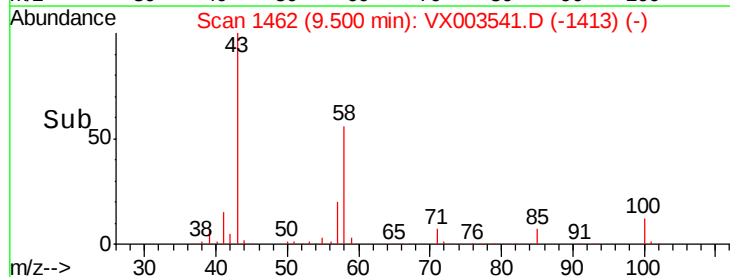
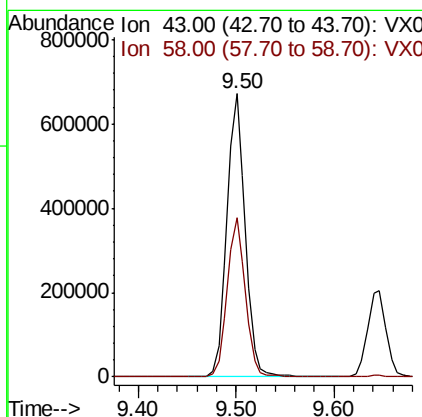
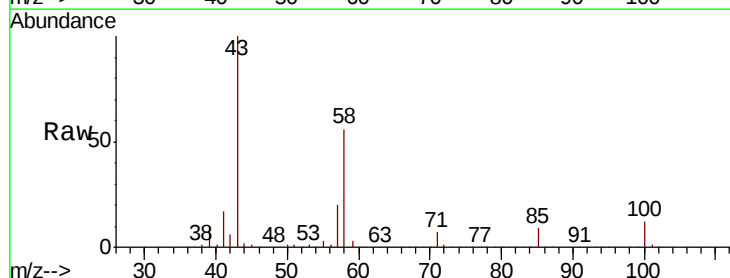


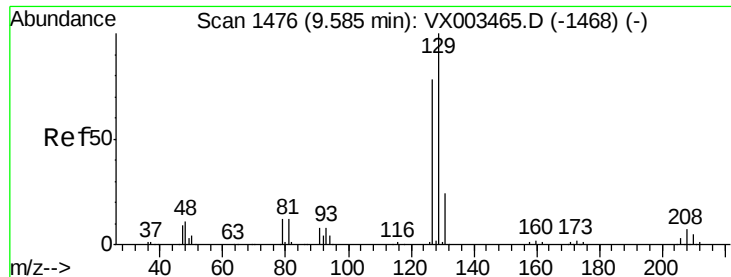
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#59
 2-Hexanone
 Concen: 283.885 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 43 Resp: 873827
 Ion Ratio Lower Upper
 43 100
 58 55.9 24.6 73.6





#60

Dibromochloromethane

Concen: 56.460 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion:129 Resp: 184632

Ion Ratio Lower Upper

129 100

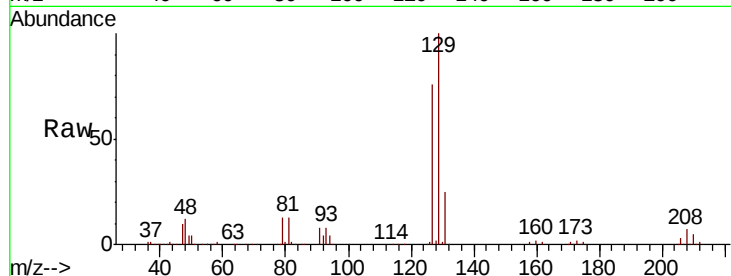
127 75.6 38.5 115.3

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

150000 Ion 126.80 (126.50 to 127.50): V

9.59

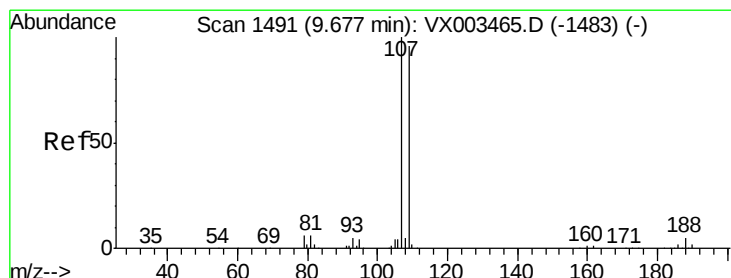
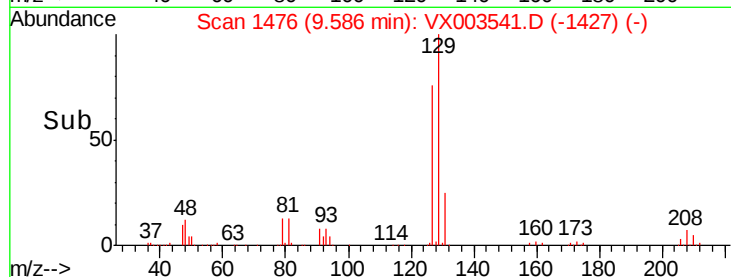
100000

50000

0

Time-->

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#61

1,2-Dibromoethane

Concen: 52.468 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003541.D

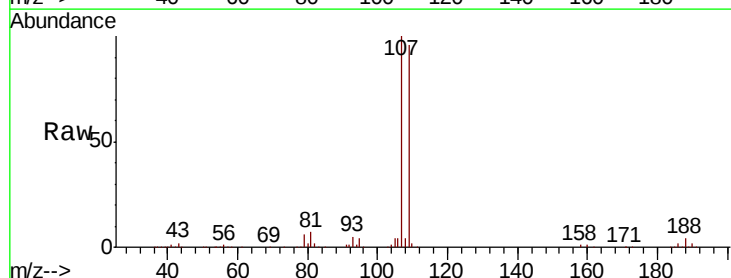
Acq: 21 Jul 2018 06:14

Tgt Ion:107 Resp: 179696

Ion Ratio Lower Upper

107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

150000 Ion 108.80 (108.50 to 109.50): V

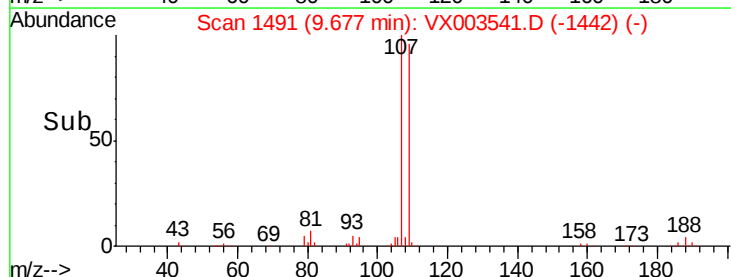
9.68

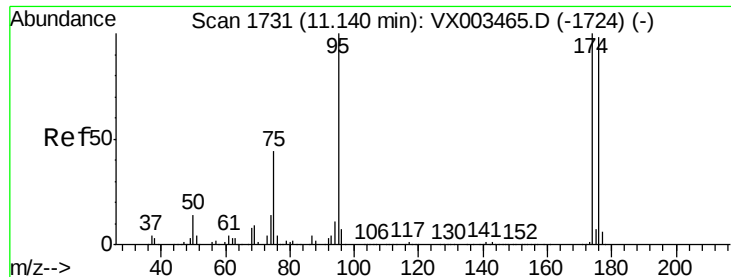
100000

50000

0

Time-->





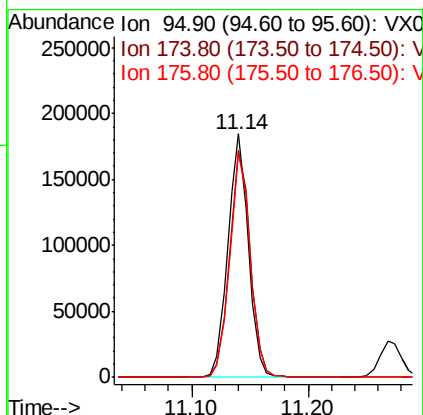
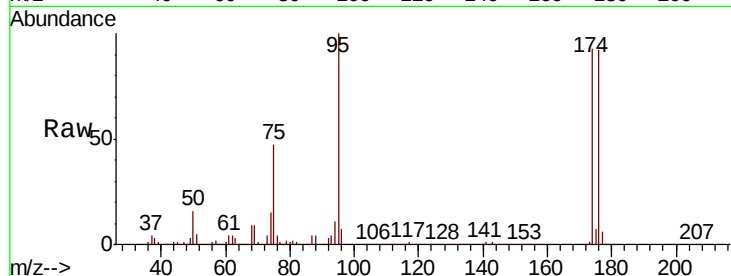
#62
4-Bromofluorobenzene
Concen: 53.238 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

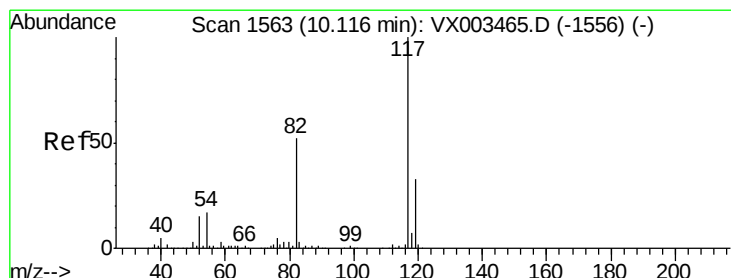
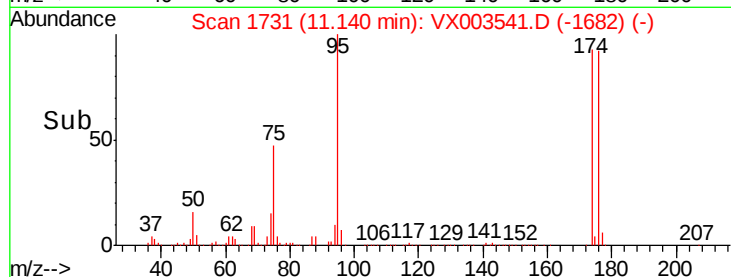
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	225061		
174	95.1	0.0	187.4	
176	92.9	0.0	181.0	

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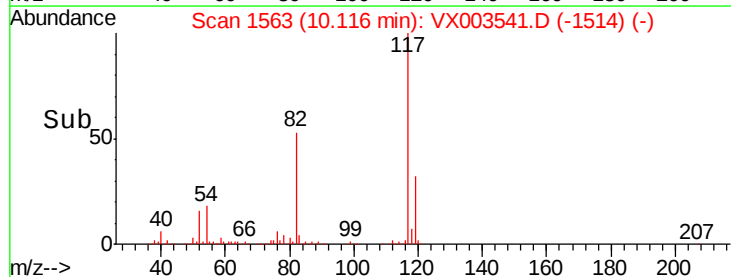
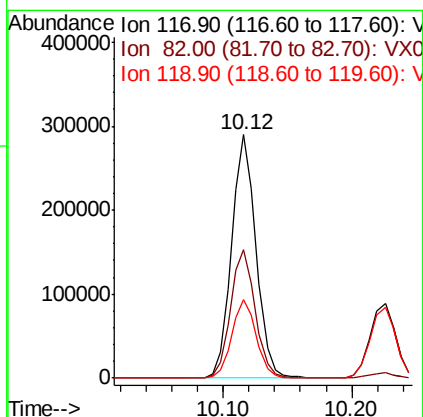
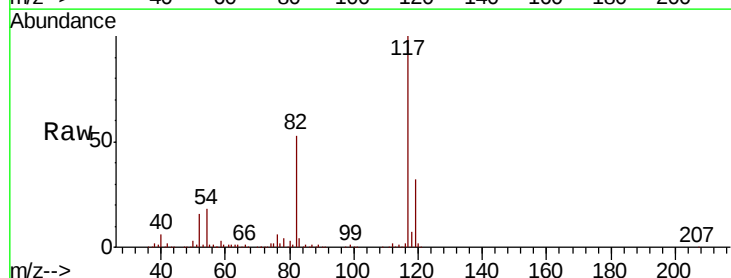


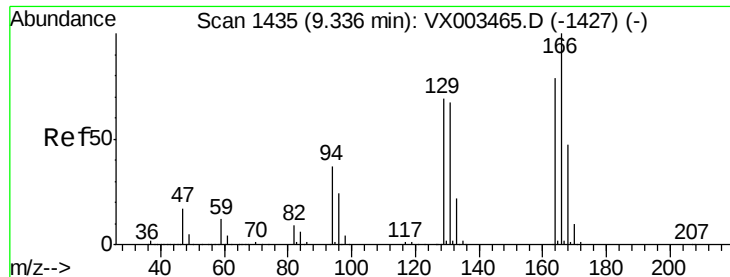
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384401		
82	52.5	45.0	67.4	
119	32.3	25.8	38.6	





#64

Tetrachloroethene

Concen: 49.610 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

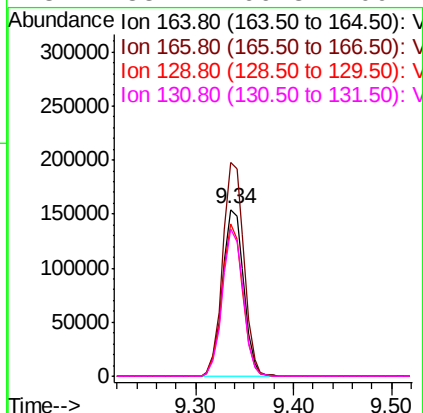
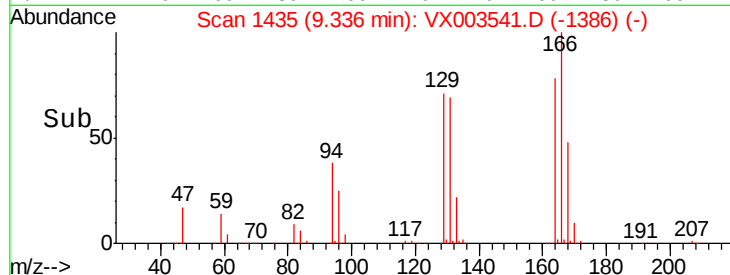
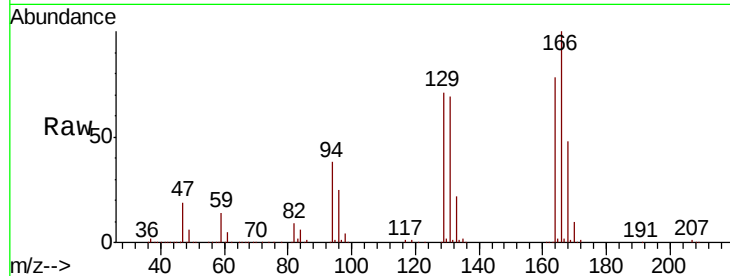
ClientSampleId :

RE104D3-071318MS

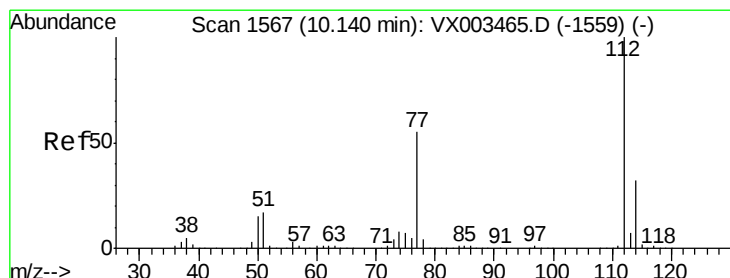
Tgt Ion	164	166	129	131
Ratio	100	128.3	91.4	88.4
Lower		102.9	68.6	66.8
Upper		154.3	102.8	100.2

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#65

Chlorobenzene

Concen: 49.036 ug/l

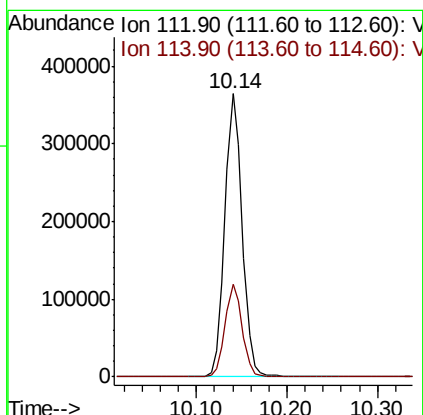
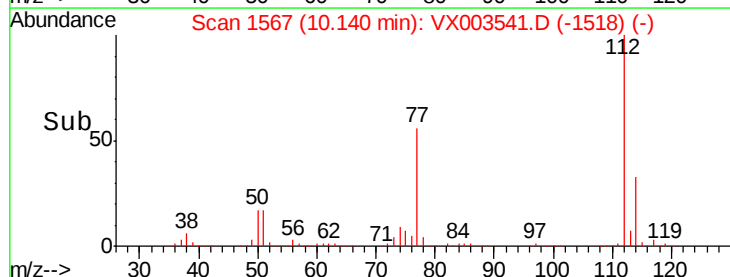
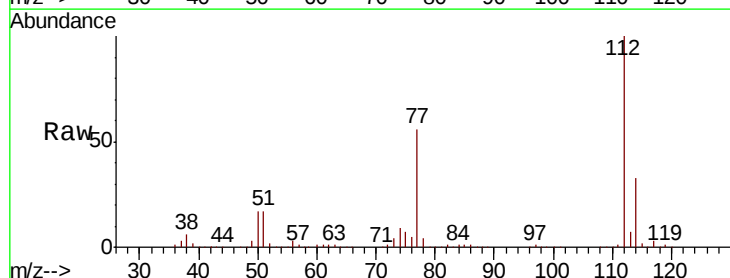
RT: 10.14 min Scan# 1567

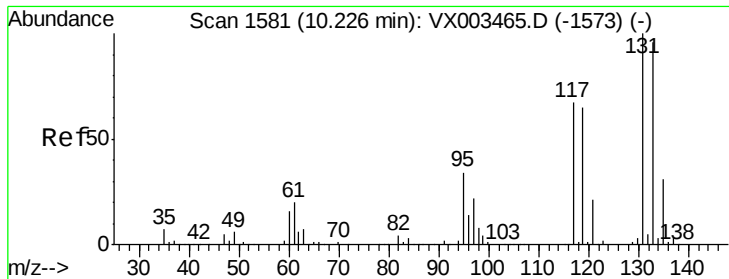
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion	112	114
Ratio	100	32.5
Lower		25.3
Upper		37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 51.832 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 131 Resp: 176625
Ion Ratio Lower Upper

131 100

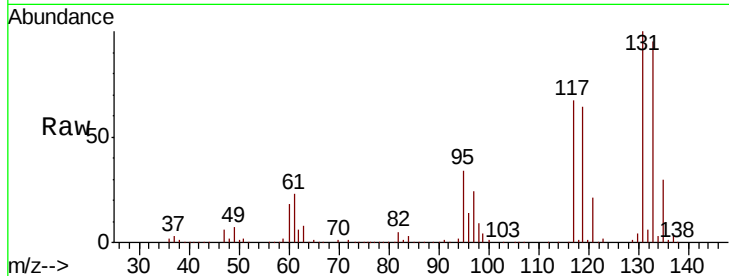
133 95.4 47.9 143.6

119 65.0 31.8 95.3

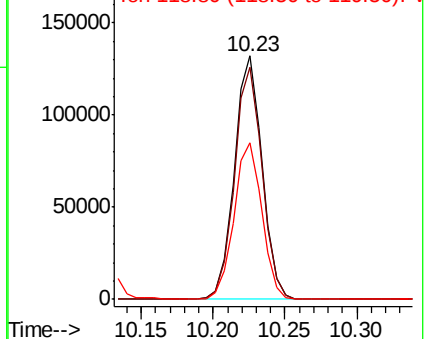
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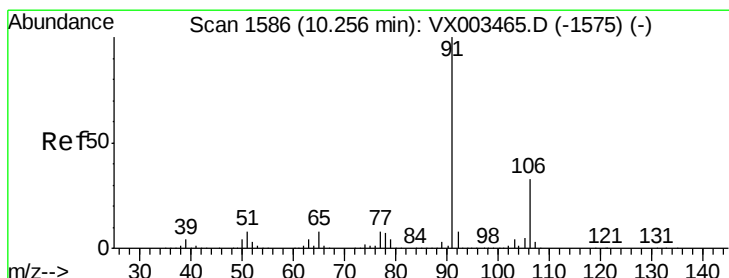
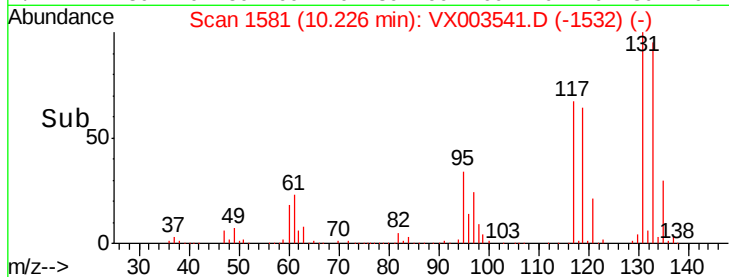
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



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#67

Ethyl Benzene

Concen: 50.930 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

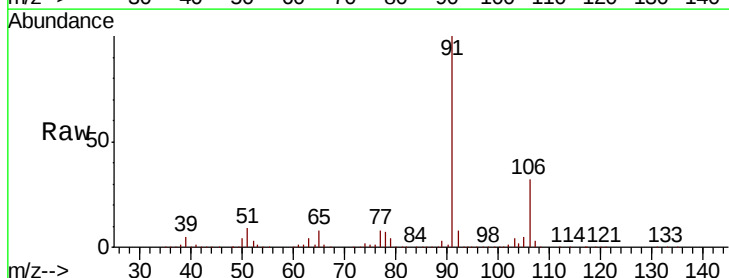
Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

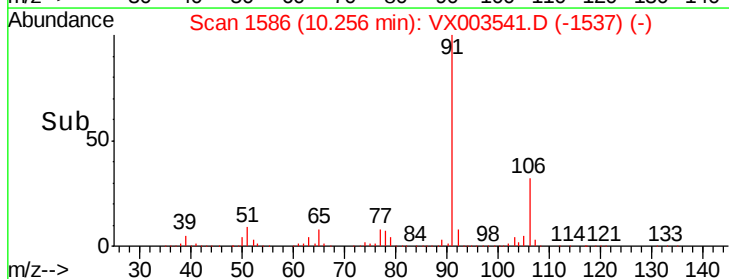
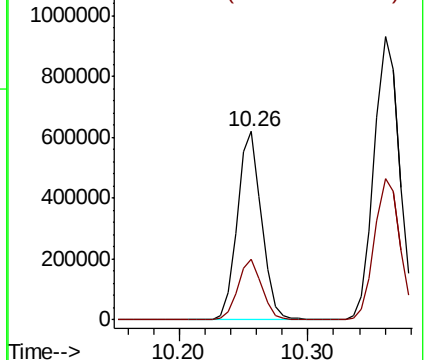
Tgt Ion: 91 Resp: 811036
Ion Ratio Lower Upper

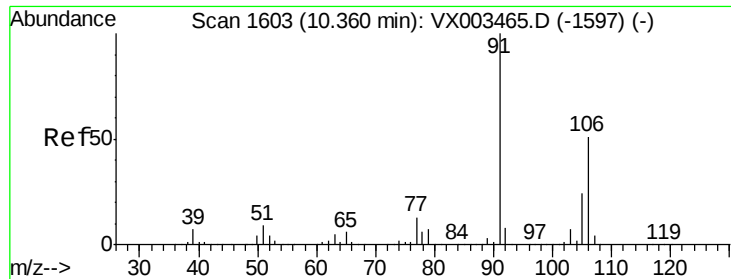
91 100

106 32.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





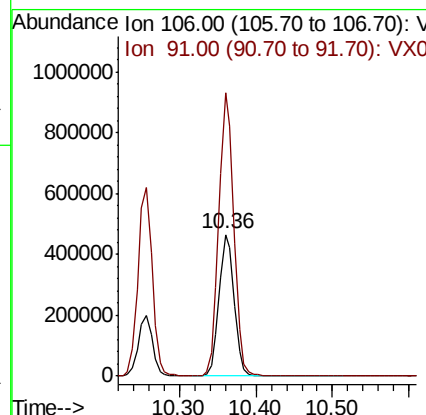
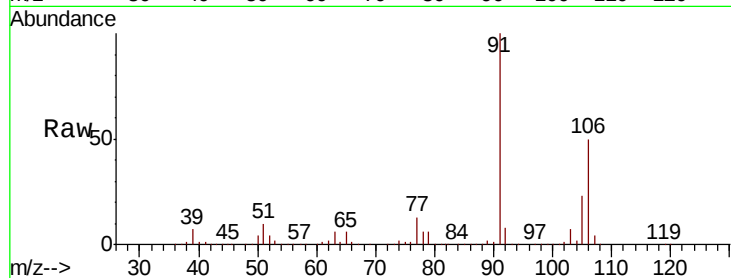
#68
m/p-Xylenes
Concen: 102.355 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

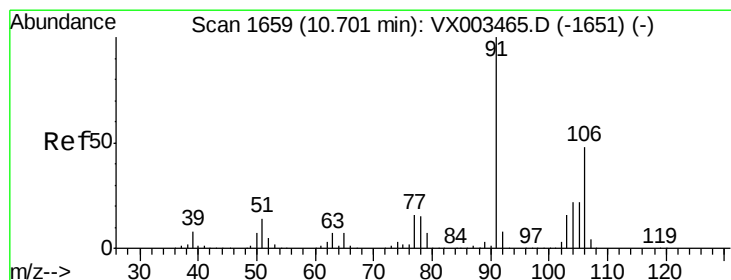
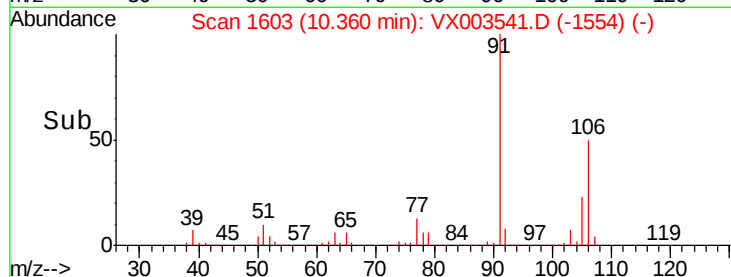
Tgt Ion:106 Resp: 639010
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2

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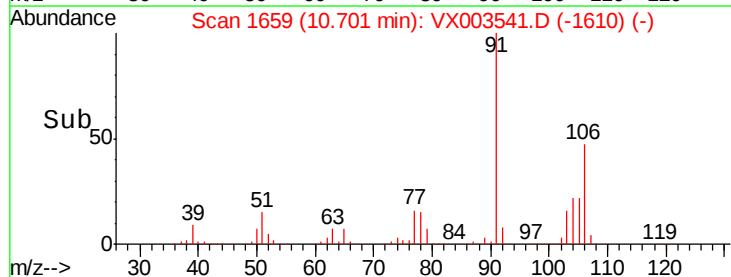
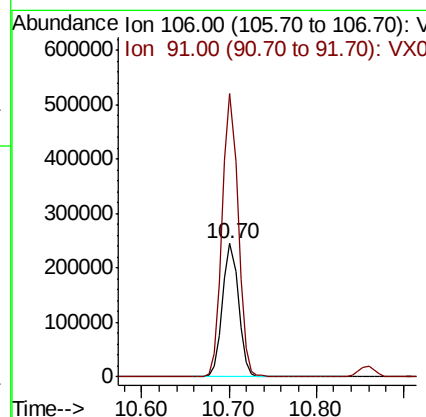
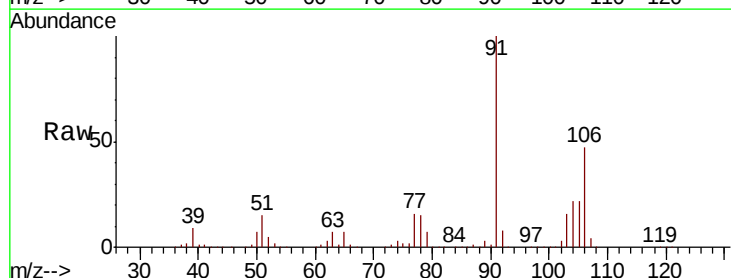


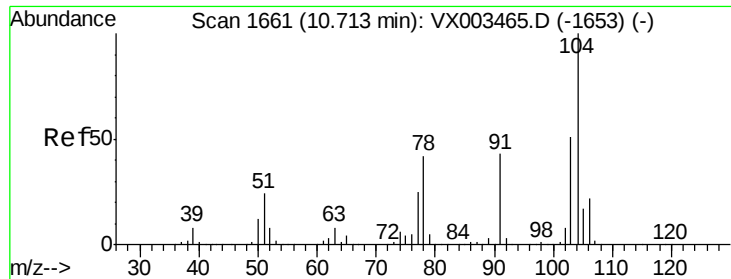
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#69
o-Xylene
Concen: 51.222 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion:106 Resp: 309229
Ion Ratio Lower Upper
106 100
91 211.8 108.2 324.6





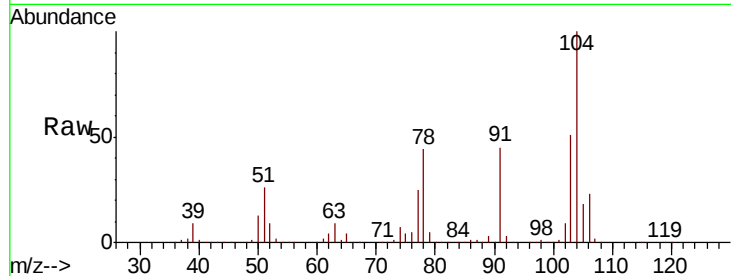
#70
Styrene
Concen: 52.491 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	41.0	61.6
103	55.5	44.2	66.4

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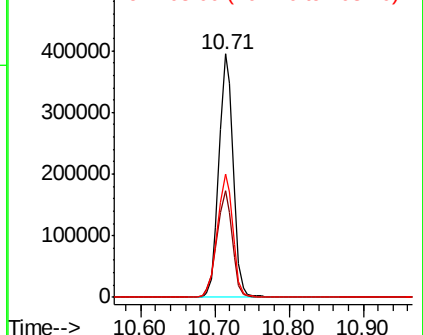


Abundance

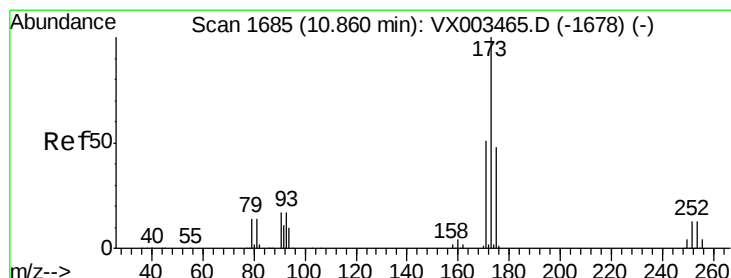
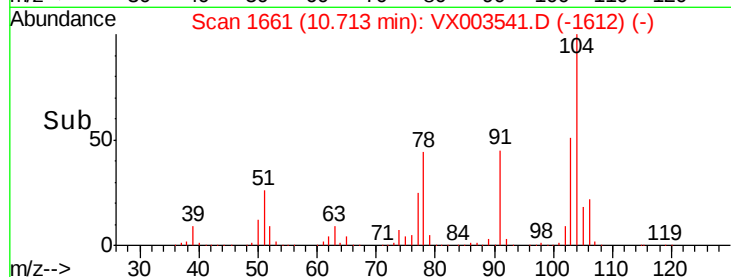
Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

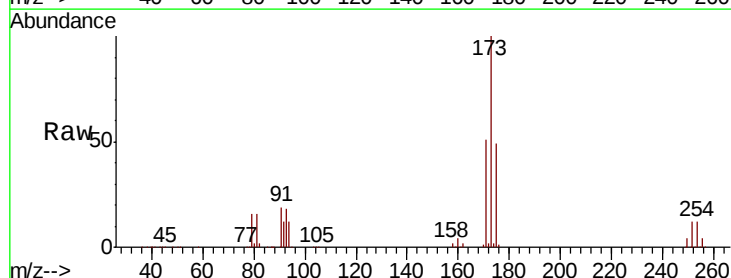


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#71
Bromoform
Concen: 52.721 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

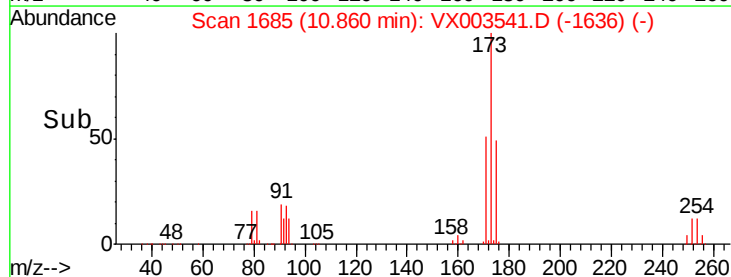
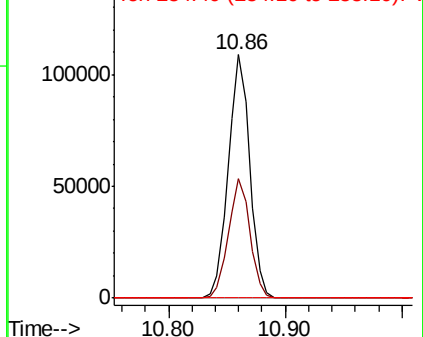


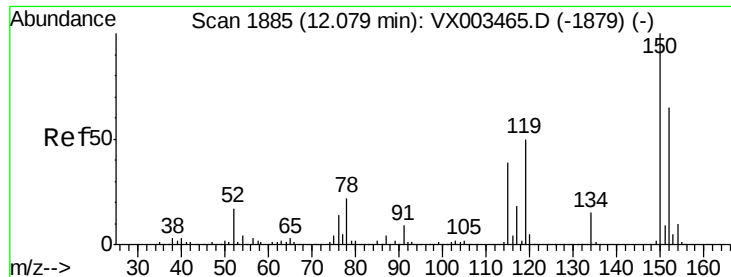
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

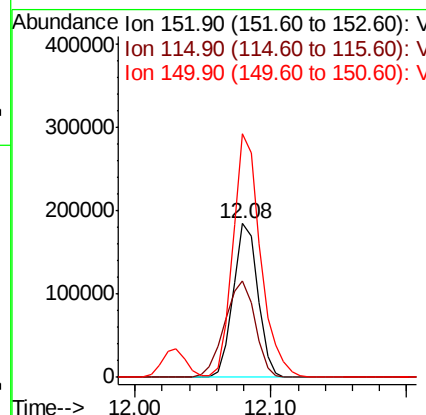
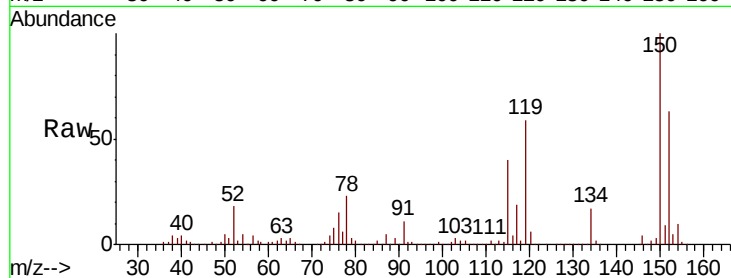
ClientSampleId :

RE104D3-071318MS

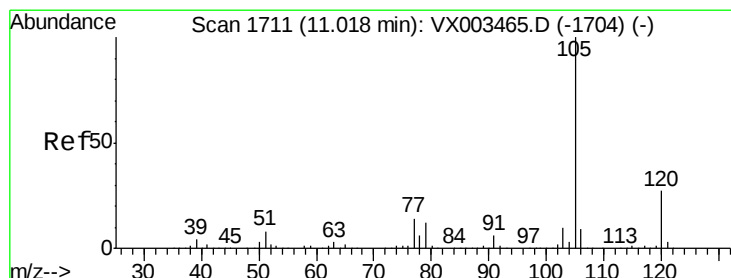
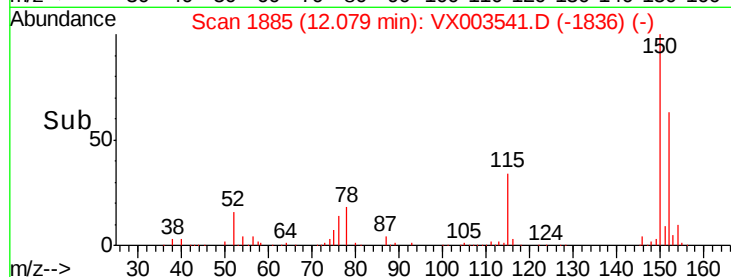
Tgt	Ion	152	Resp:	233690
	Ion	Ratio	Lower	Upper
	152	100		
	115	77.1	40.1	120.2
	150	175.4	0.0	347.2

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#73

Isopropylbenzene

Concen: 51.229 ug/l

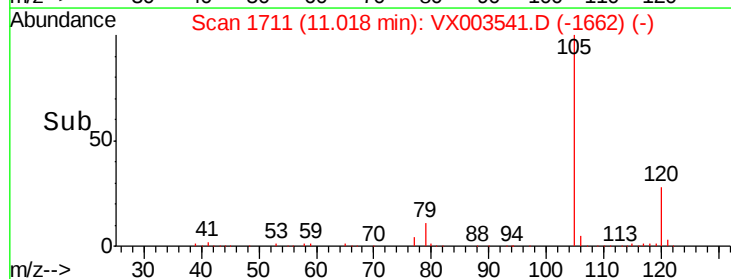
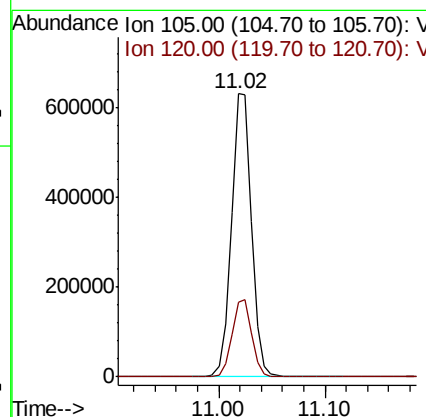
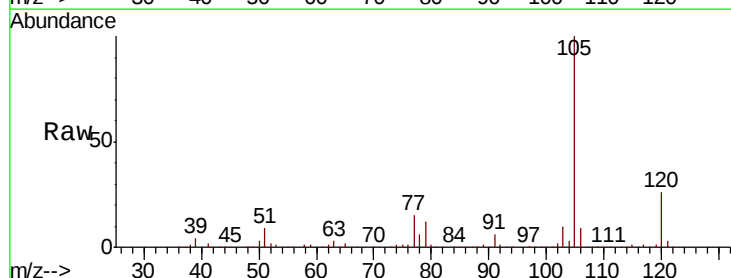
RT: 11.02 min Scan# 1711

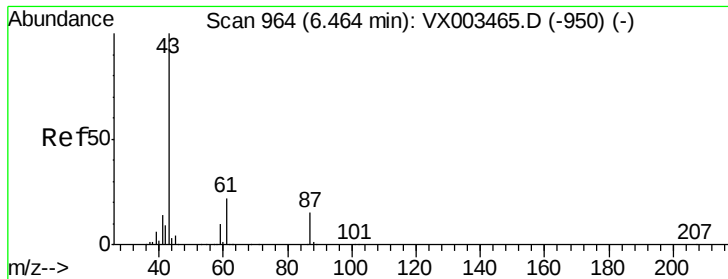
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt	Ion	105	Resp:	827964
	Ion	Ratio	Lower	Upper
	105	100		
	120	26.9	13.5	40.4





#74

N-ethyl acetate

Concen: 46.259 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

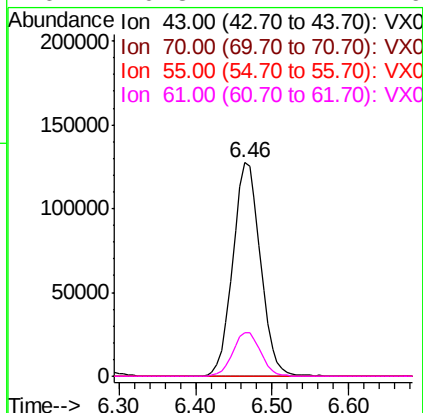
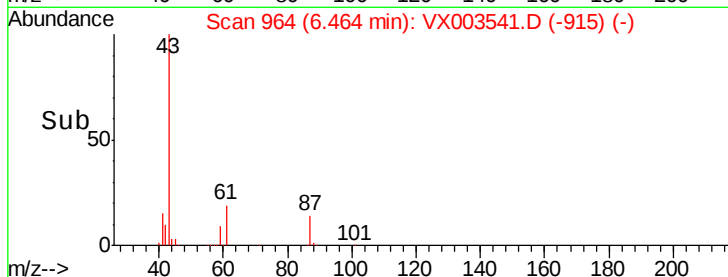
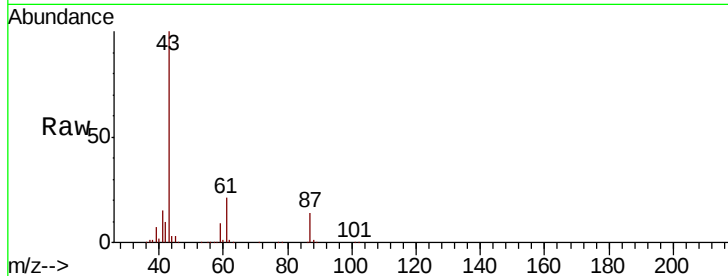
RE104D3-071318MS

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	20.8	14.4	21.6

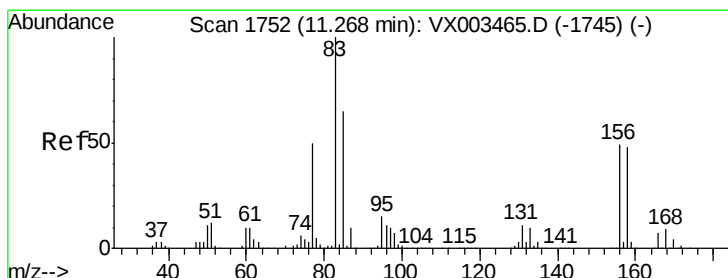
Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 50.886 ug/l

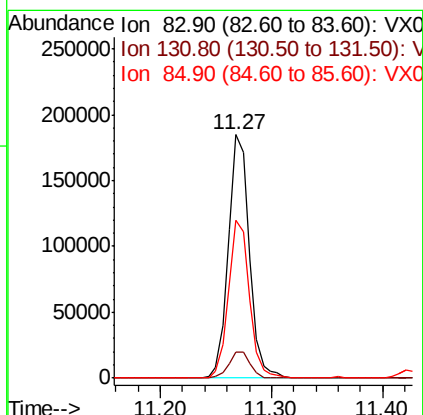
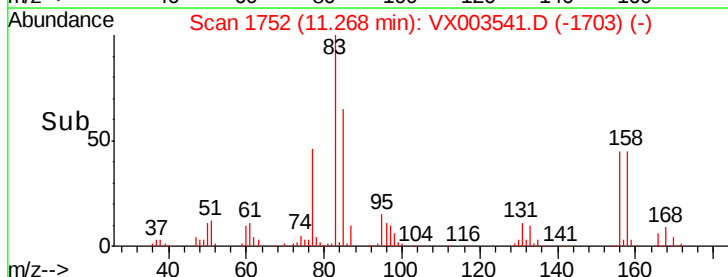
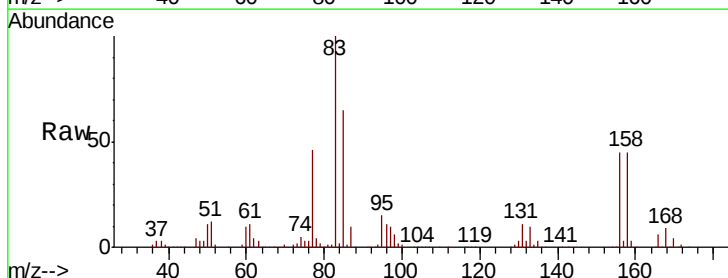
RT: 11.27 min Scan# 1752

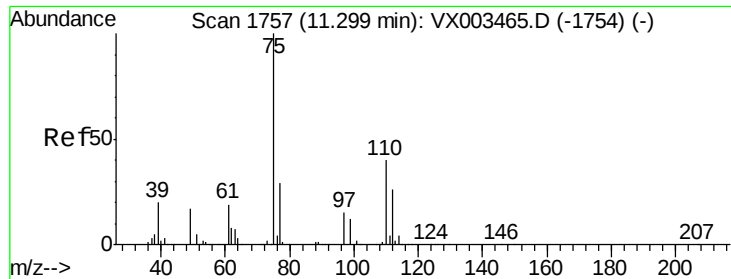
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.6	16.8
85	64.8	32.4	97.2





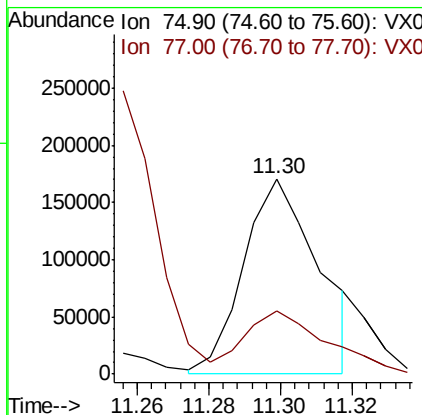
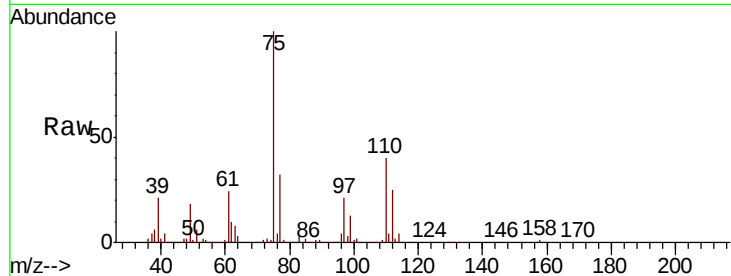
#76
1,2,3-Trichloropropane
Concen: 58.405 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

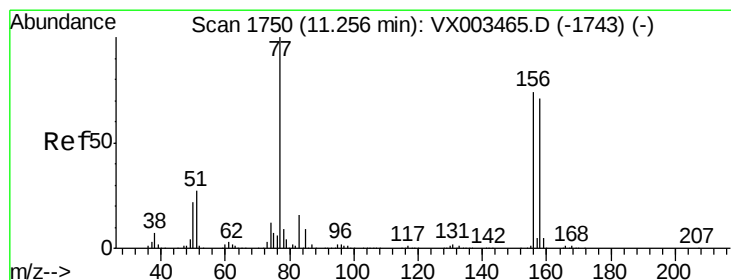
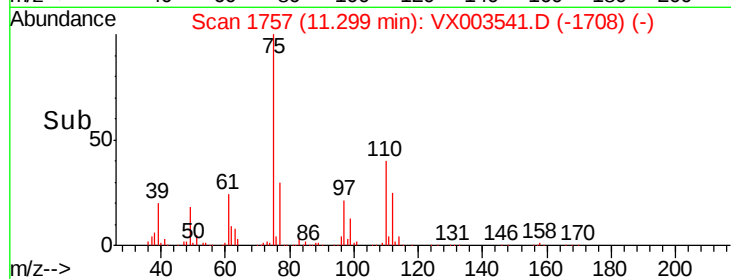
Tgt Ion: 75 Resp: 245195
Ion Ratio Lower Upper
75 100
77 36.1 22.8 68.3

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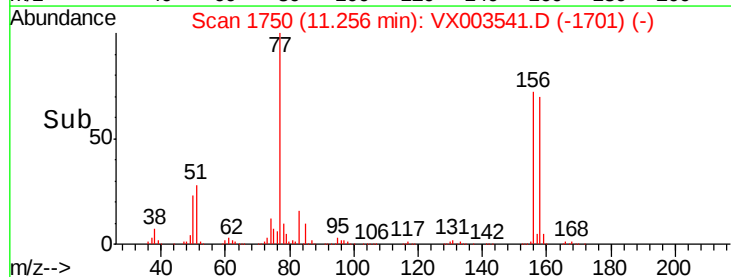
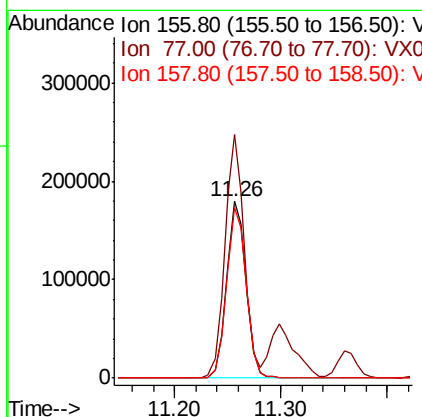
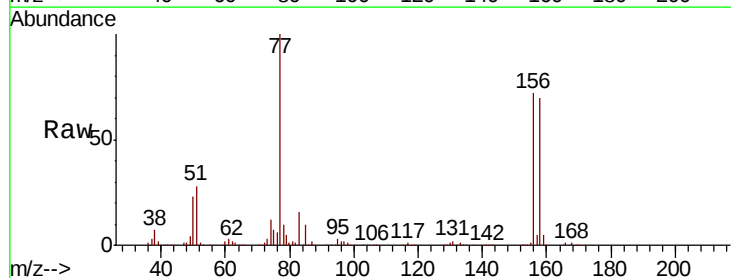


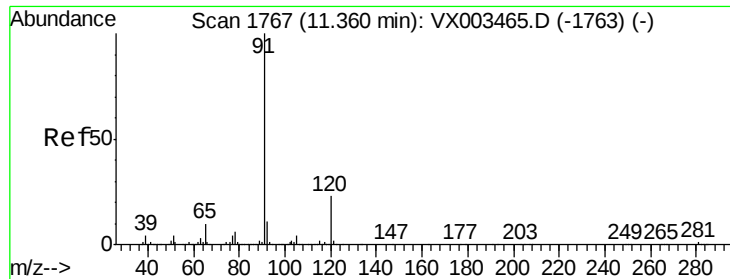
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#77
Bromobenzene
Concen: 49.484 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 156 Resp: 230023
Ion Ratio Lower Upper
156 100
77 135.2 71.4 214.2
158 97.7 48.9 146.6





#78

n-propylbenzene

Concen: 51.183 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MS

Tgt Ion: 91 Resp: 919530

Ion Ratio Lower Upper

91 100

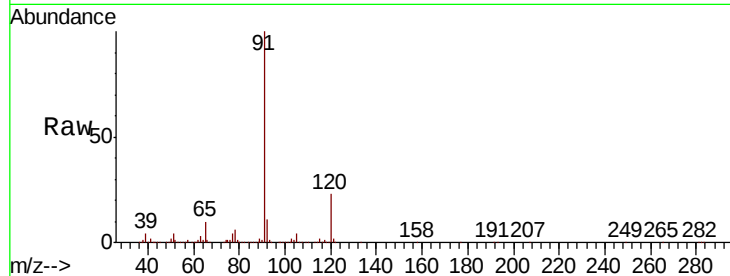
120 24.3 11.8 35.4

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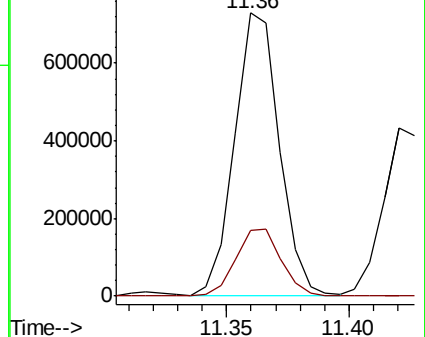
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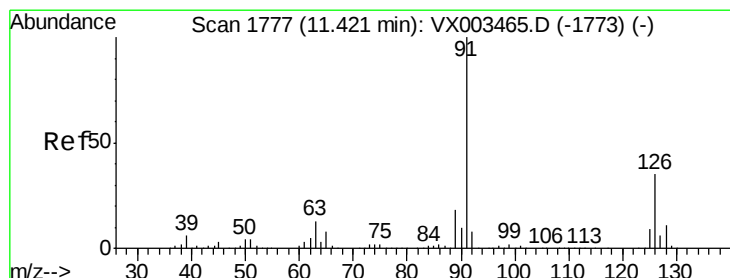
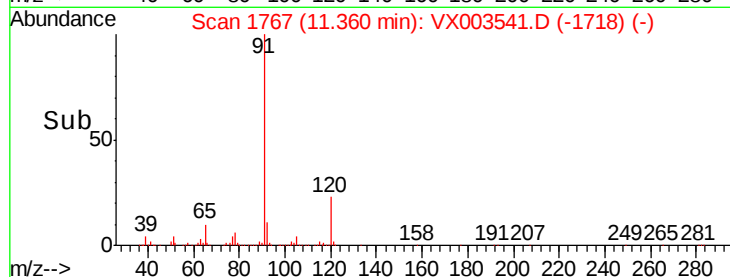


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



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#79

2-Chlorotoluene

Concen: 51.097 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003541.D

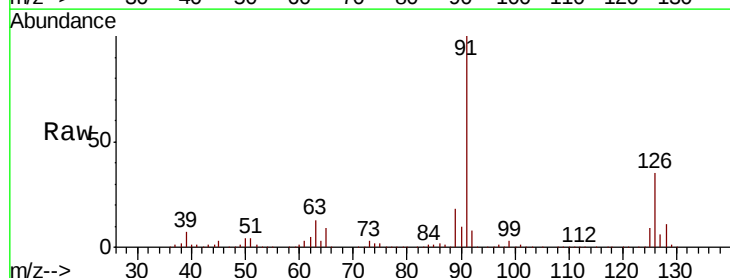
Acq: 21 Jul 2018 06:14

Tgt Ion: 91 Resp: 557278

Ion Ratio Lower Upper

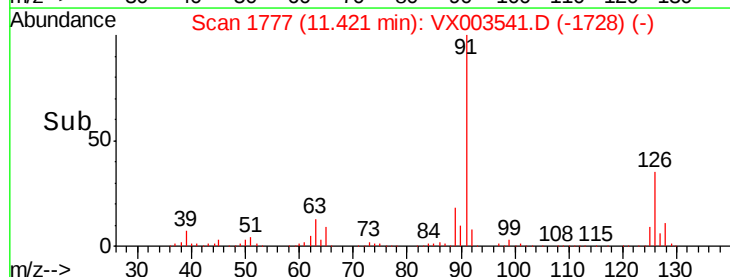
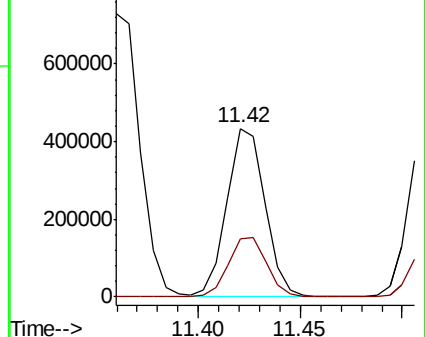
91 100

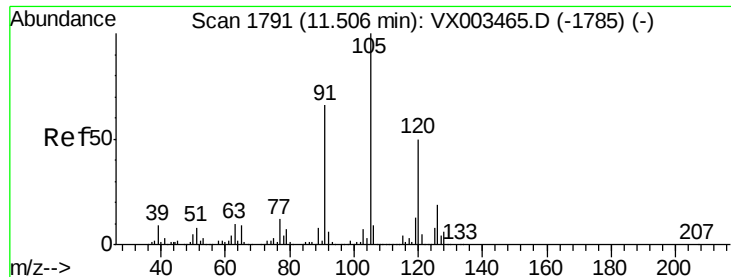
126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





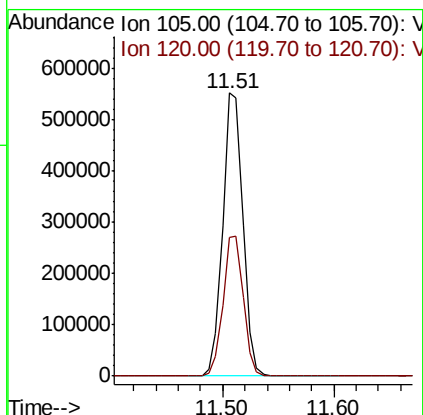
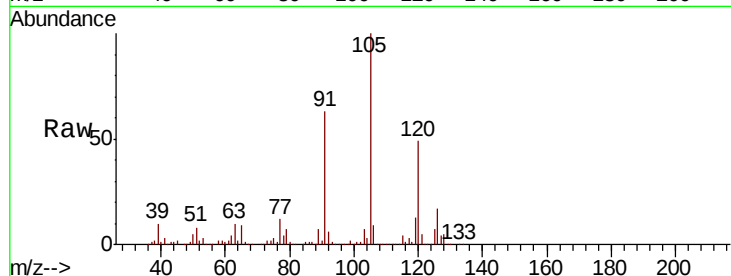
#80
 1,3,5-Trimethylbenzene
 Concen: 51.920 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

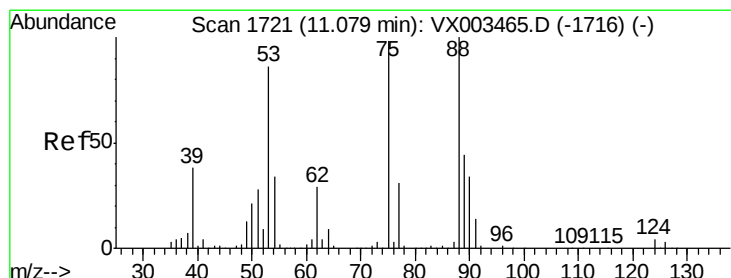
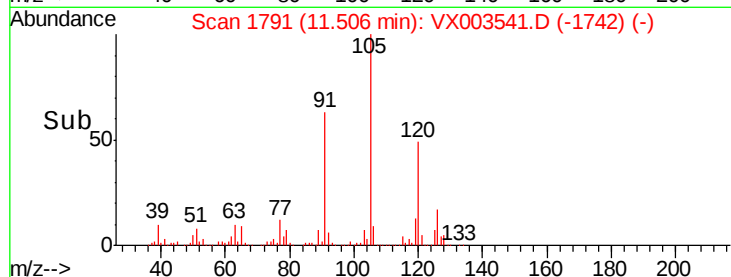
Tgt Ion: 105 Resp: 689622
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4

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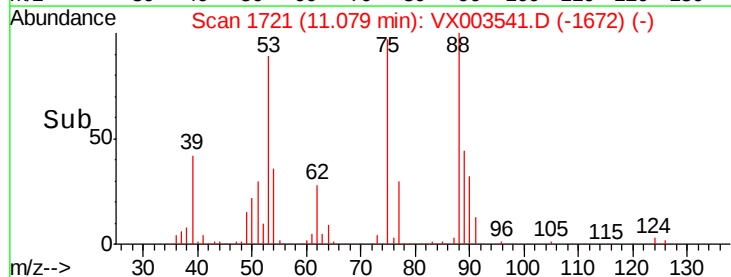
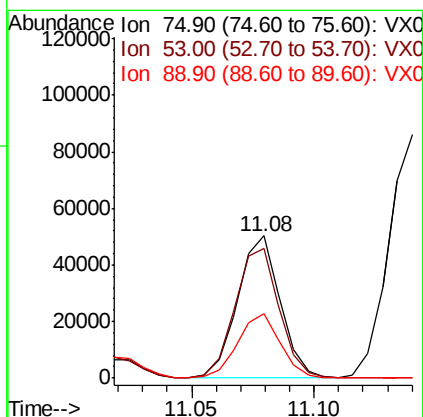
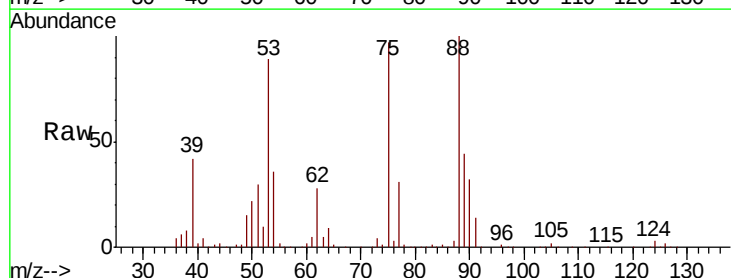


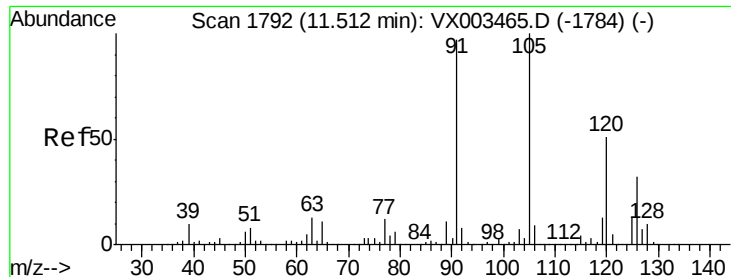
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.306 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion: 75 Resp: 60418
 Ion Ratio Lower Upper
 75 100
 53 94.6 86.8 130.2
 89 45.4 38.2 57.2





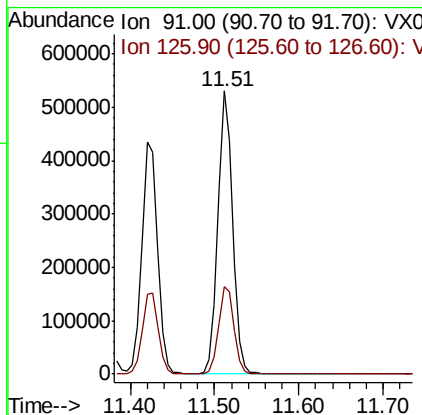
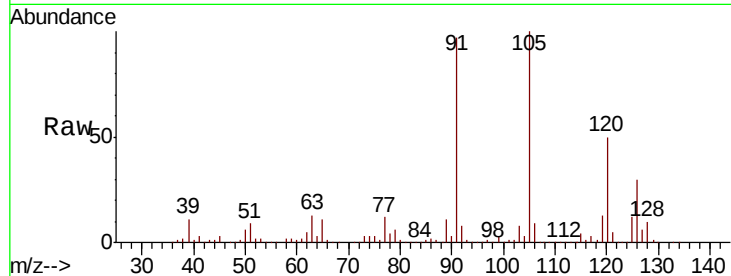
#82
4-Chlorotoluene
Concen: 50.694 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

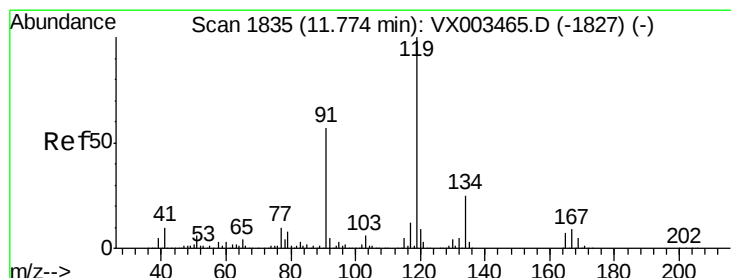
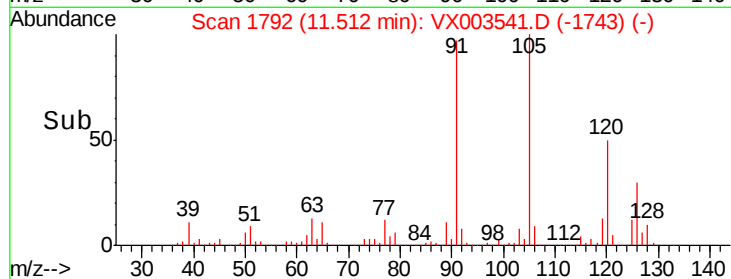
Tgt Ion: 91 Resp: 647836
Ion Ratio Lower Upper
91 100
126 31.8 15.4 46.4

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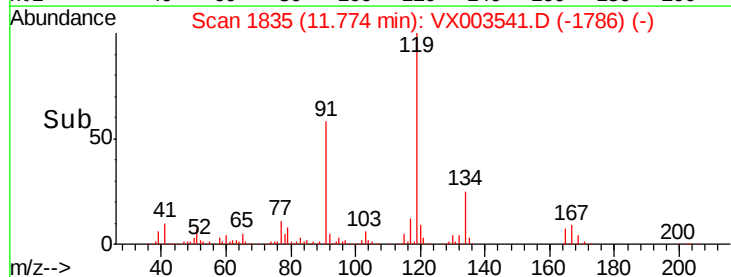
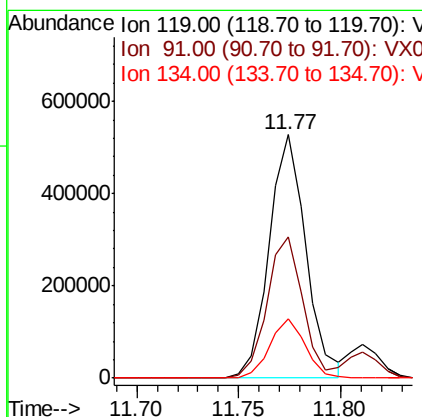
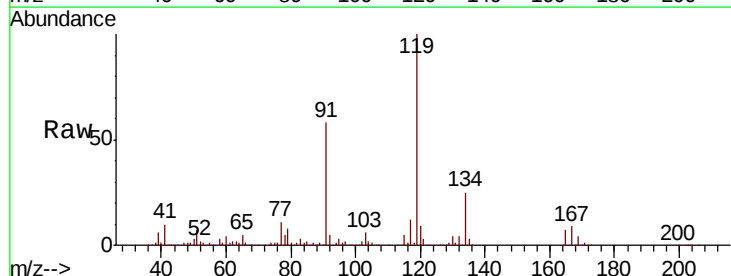


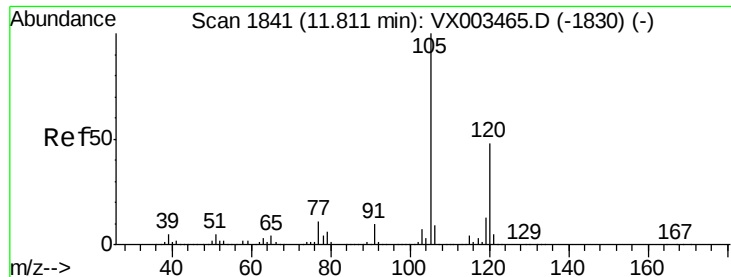
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#83
tert-Butylbenzene
Concen: 50.807 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion: 119 Resp: 660881
Ion Ratio Lower Upper
119 100
91 56.1 30.3 90.9
134 23.5 11.7 35.1





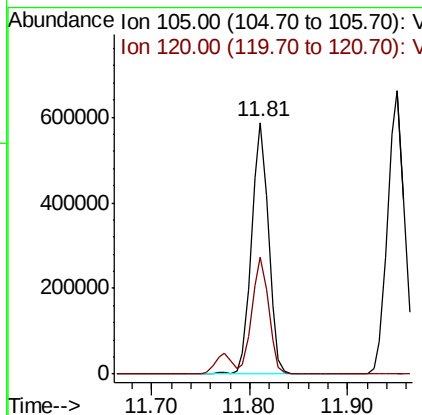
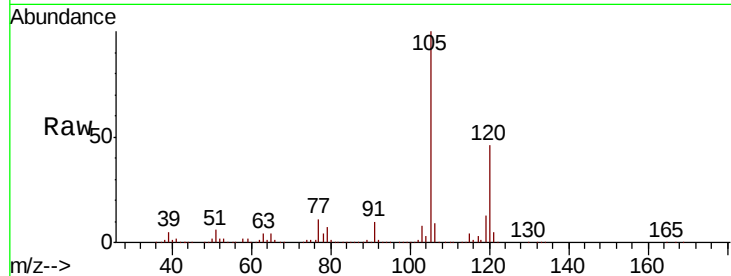
#84
 1,2,4-Trimethylbenzene
 Concen: 52.382 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

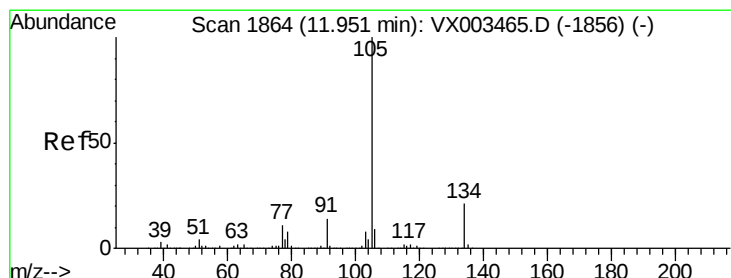
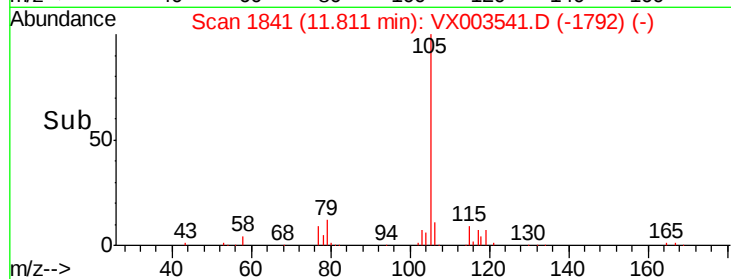
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8

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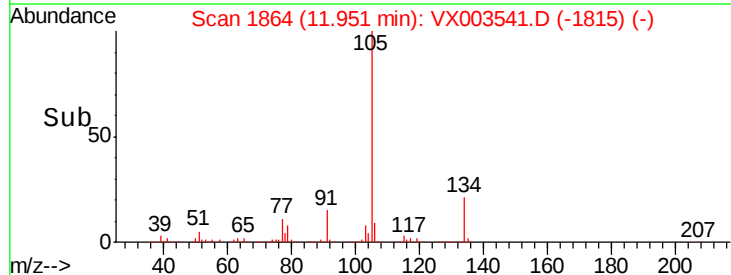
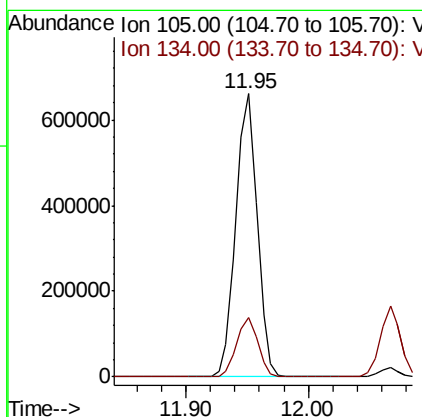
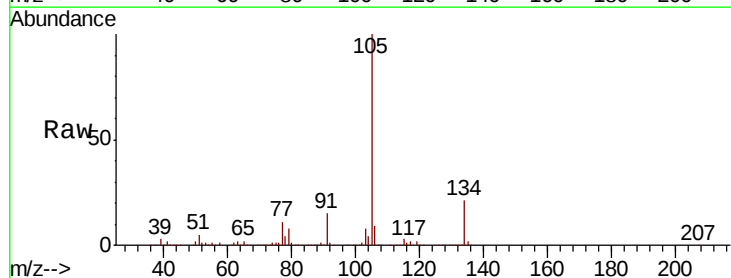


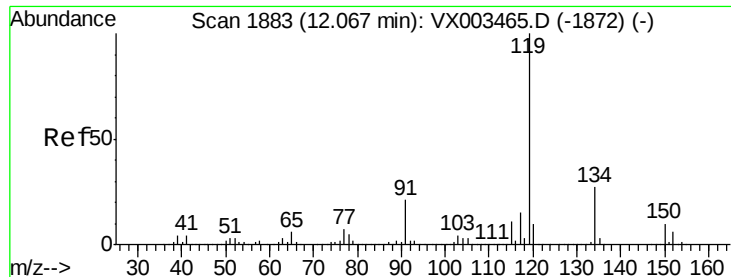
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#85
 sec-Butylbenzene
 Concen: 50.404 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.1





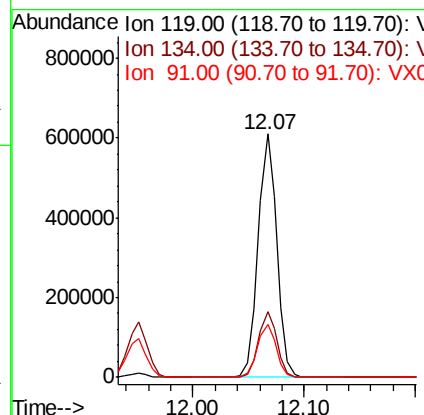
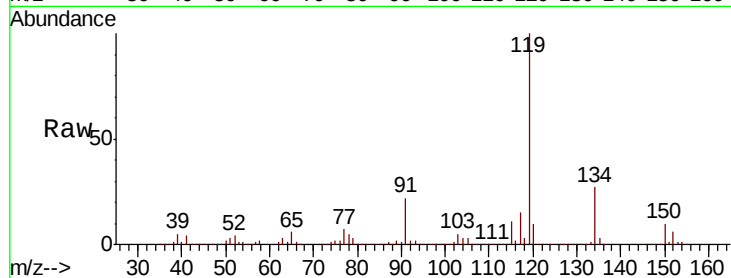
#86
p-Isopropyltoluene
Concen: 50.179 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

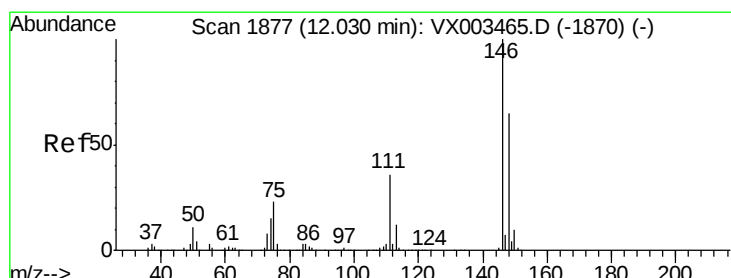
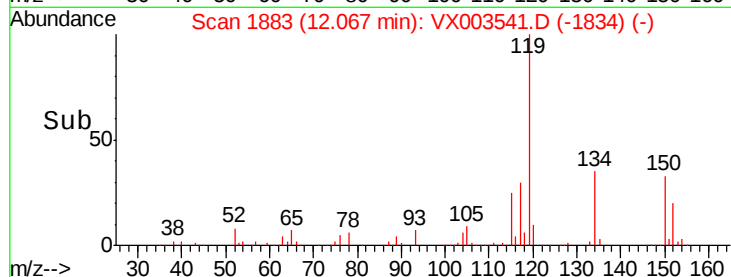
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.1
91	22.0	11.9	35.7

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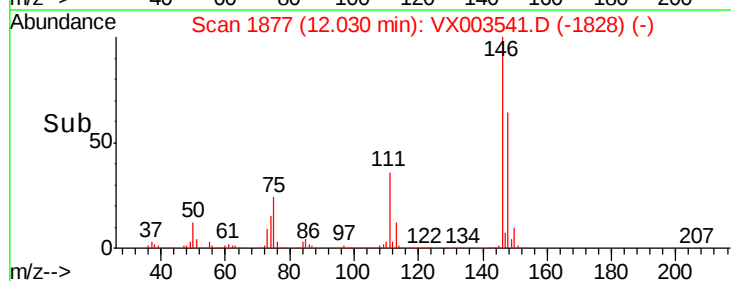
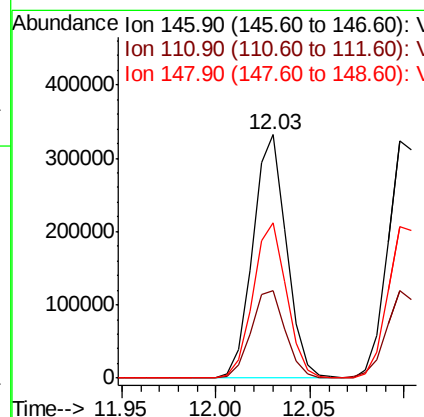
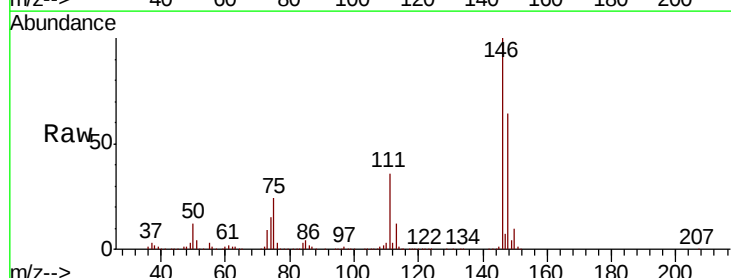


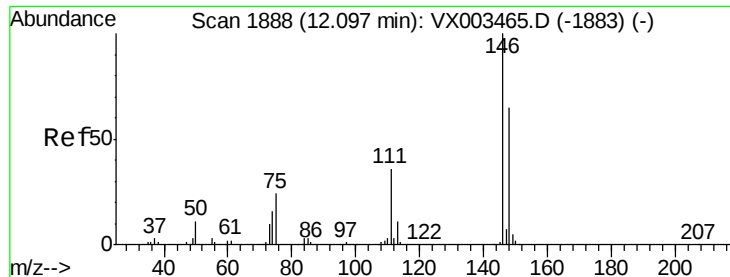
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#87
1,3-Dichlorobenzene
Concen: 47.923 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	63.8	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 46.494 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

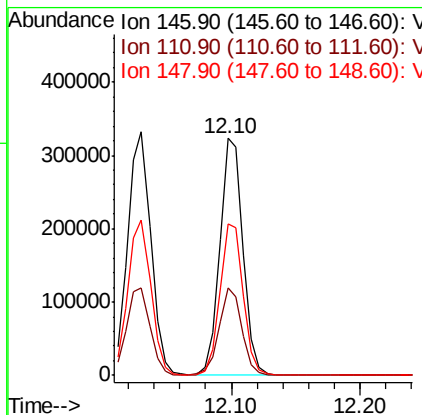
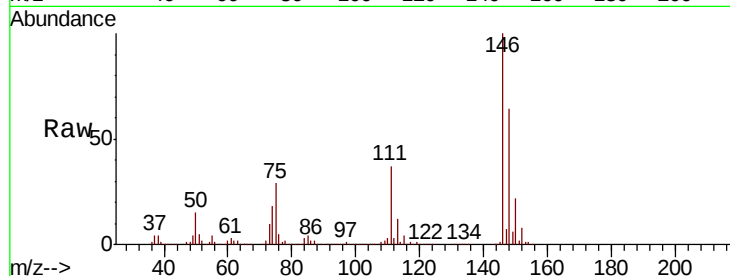
ClientSampleId :

RE104D3-071318MS

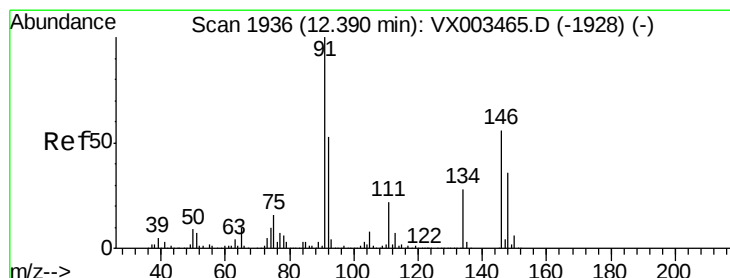
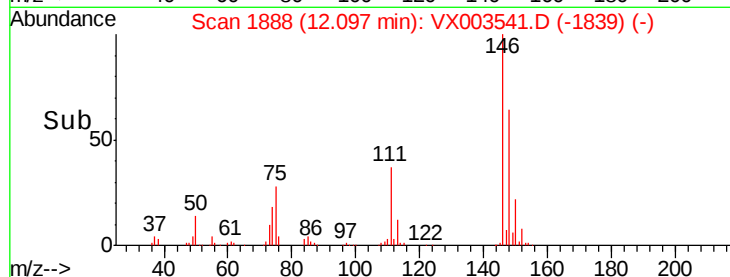
Tgt Ion:	146	Resp:	409242
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.7	56.1
148	64.6	32.4	97.0

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#89

n-Butylbenzene

Concen: 48.947 ug/l

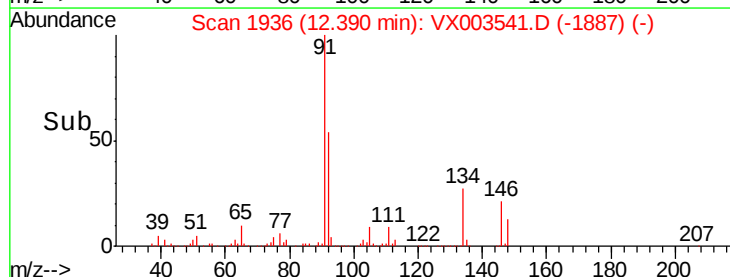
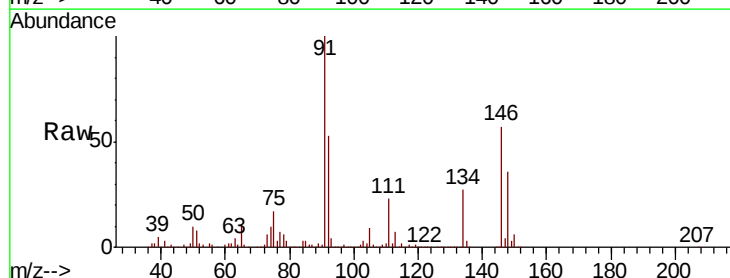
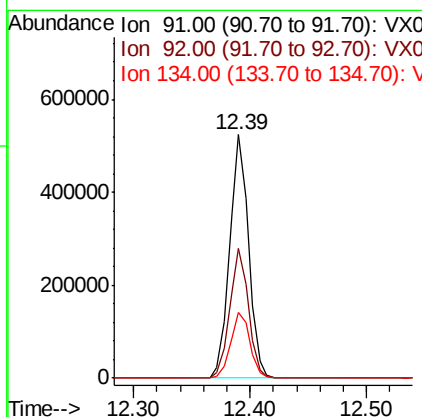
RT: 12.39 min Scan# 1936

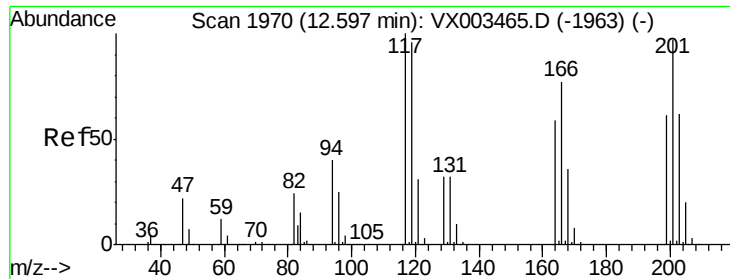
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	91	Resp:	589334
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.0	78.0
134	27.6	13.5	40.5





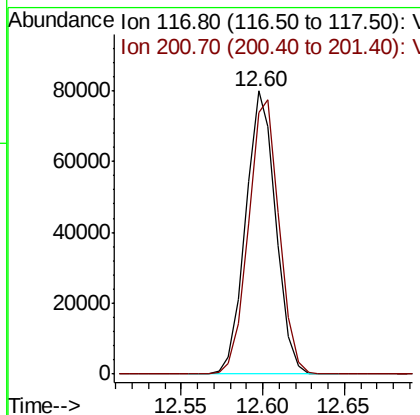
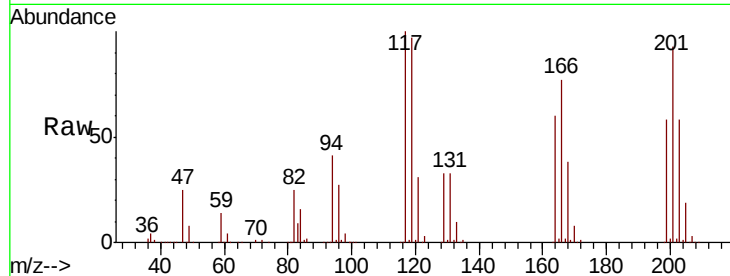
#90
Hexachloroethane
Concen: 50.814 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MS

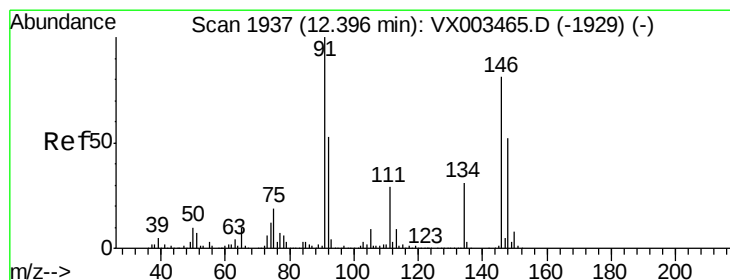
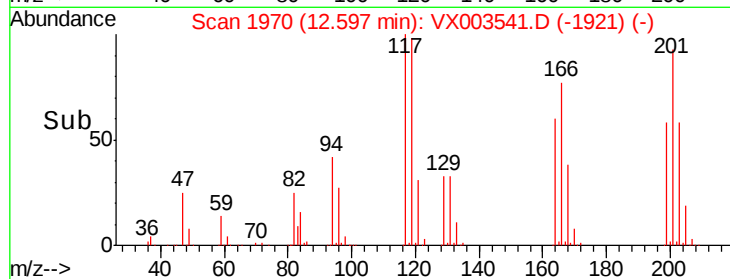
Tgt Ion:117 Resp: 102422
Ion Ratio Lower Upper
117 100
201 98.9 49.0 147.0

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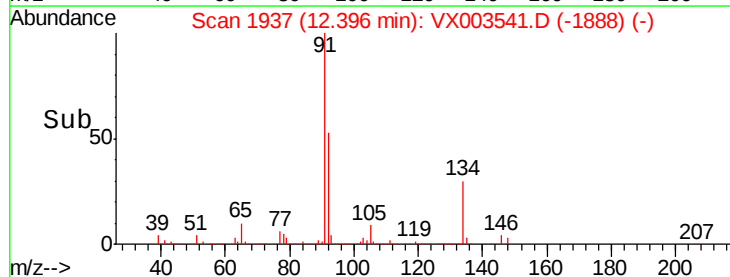
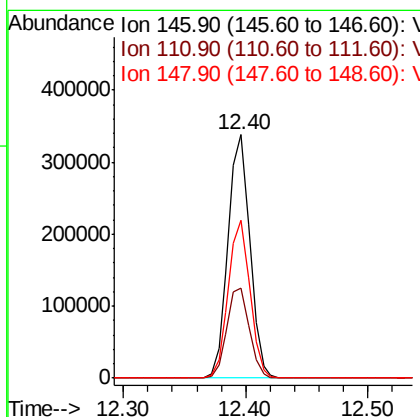
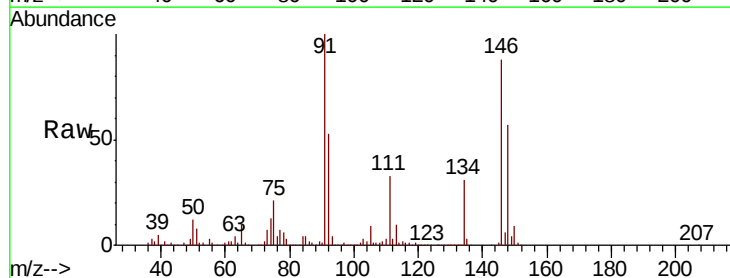


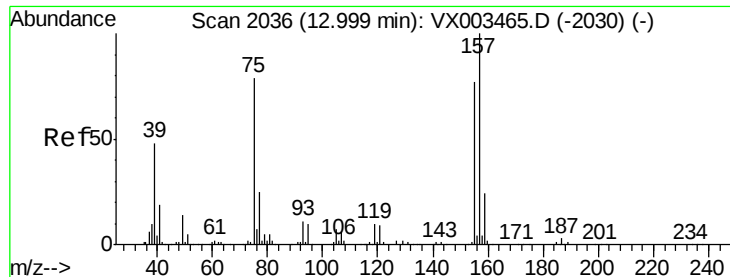
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#91
1,2-Dichlorobenzene
Concen: 49.597 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003541.D
Acq: 21 Jul 2018 06:14

Tgt Ion:146 Resp: 417683
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 64.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.073 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

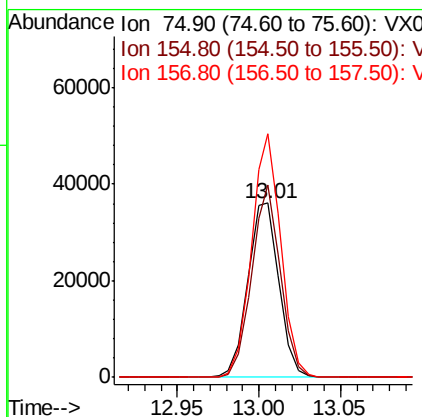
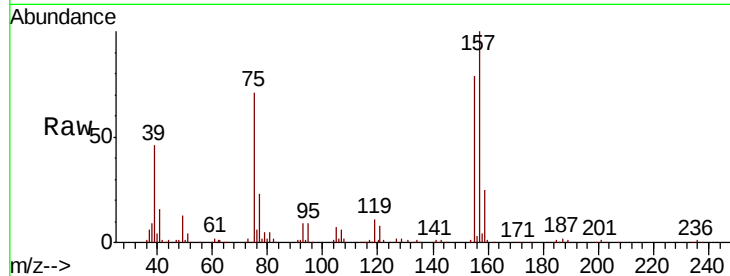
ClientSampleId :

RE104D3-071318MS

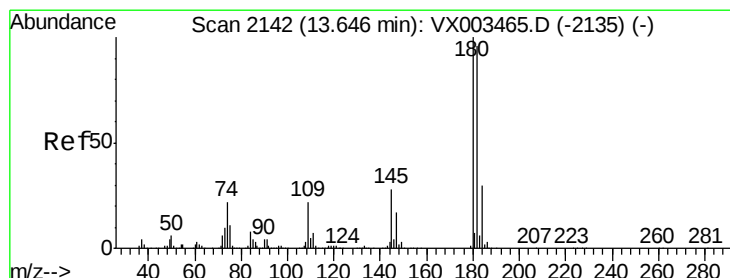
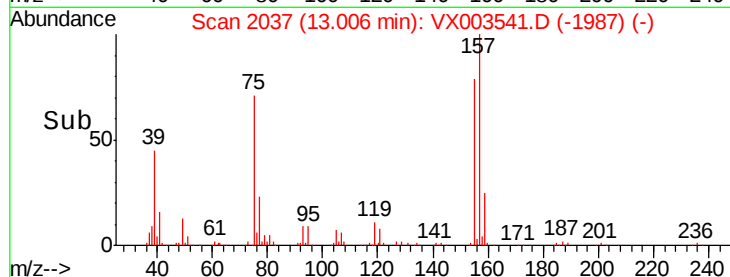
Tgt Ion:	75	Resp:	47995
Ion Ratio	Lower	Upper	
75	100		
155	101.2	45.8	137.4
157	130.4	60.1	180.3

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 45.994 ug/l

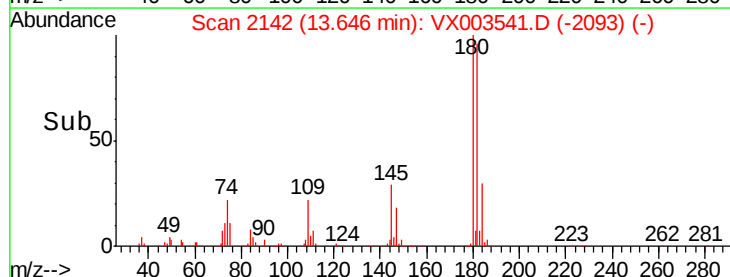
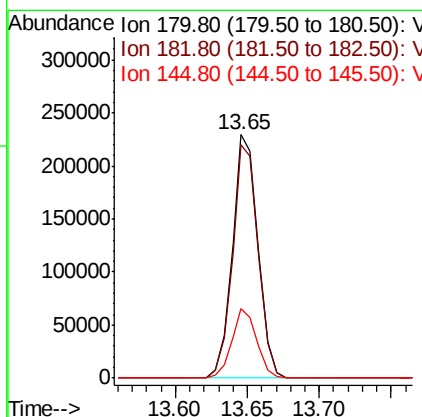
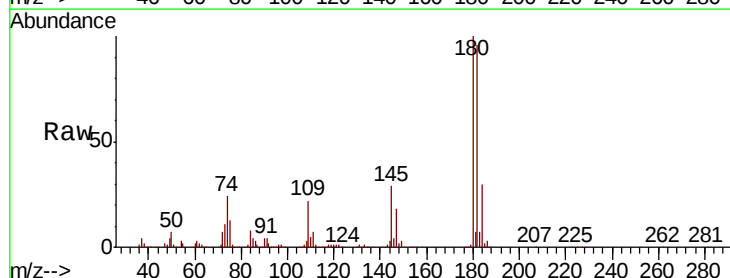
RT: 13.65 min Scan# 2142

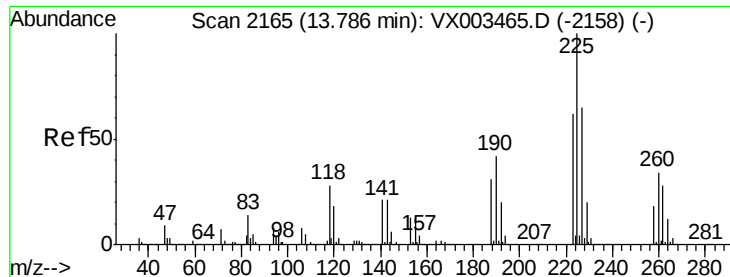
Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Tgt Ion:	180	Resp:	283880
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.7	143.1
145	27.9	14.1	42.4





#94

Hexachlorobutadiene

Concen: 43.379 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003541.D

Acq: 21 Jul 2018 06:14

Instrument :

MSVOA_X

ClientSampleId :

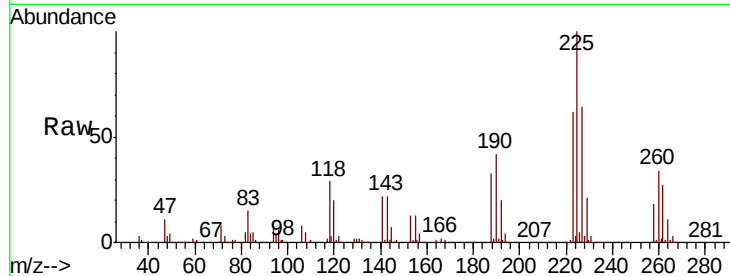
RE104D3-071318MS

Tgt Ion:	225	Resp:	128764
Ion Ratio		Lower	Upper
225	100		
223	62.6	31.6	95.0
227	63.5	32.4	97.2

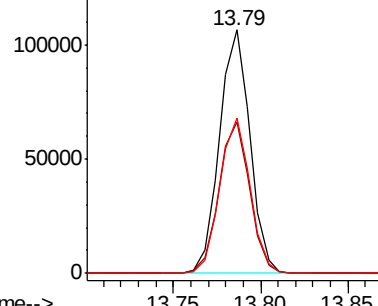
Manual Integrations
APPROVED

MMDadoda

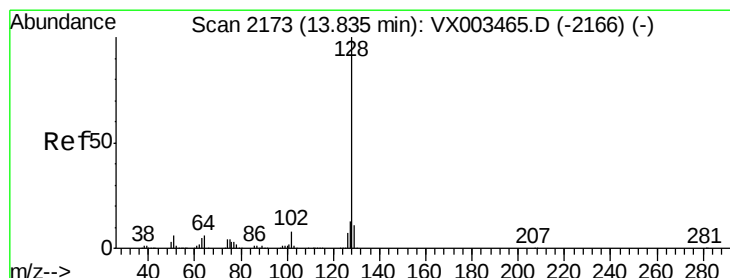
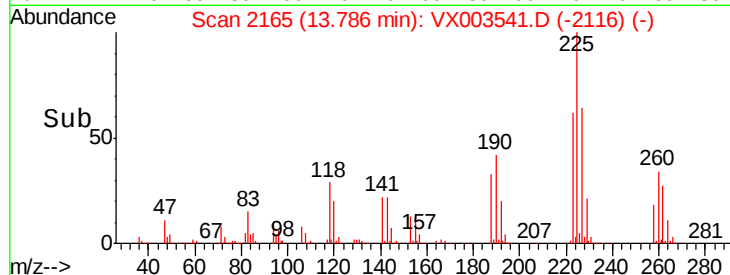
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



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#95

Naphthalene

Concen: 51.131 ug/l

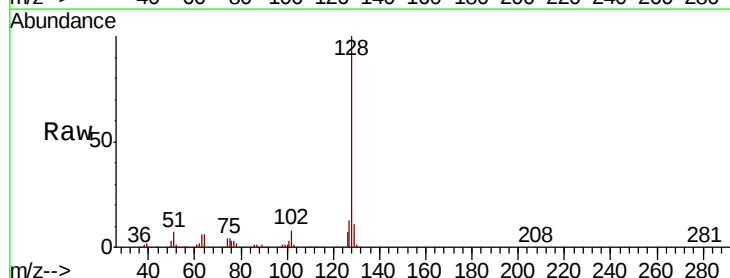
RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

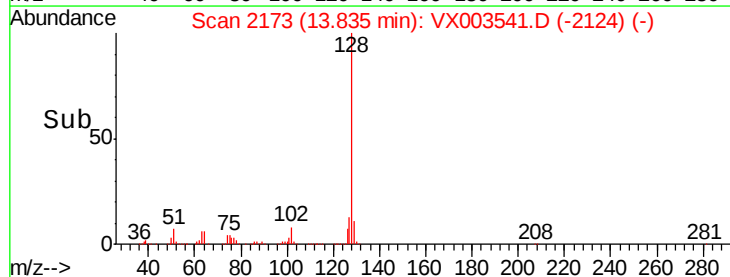
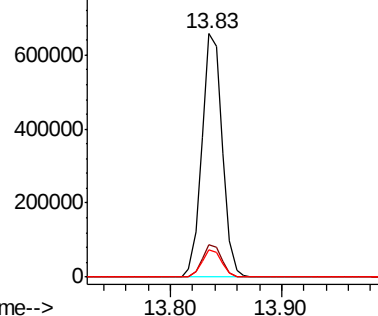
Lab File: VX003541.D

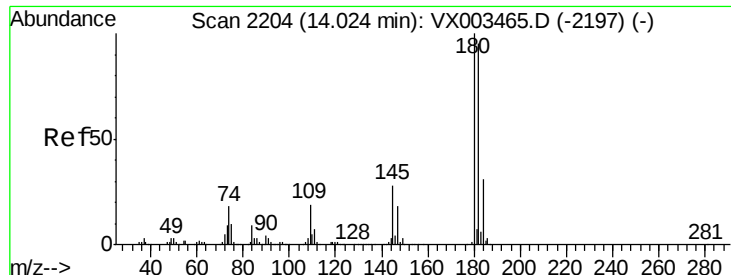
Acq: 21 Jul 2018 06:14

Tgt Ion:	128	Resp:	829272
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





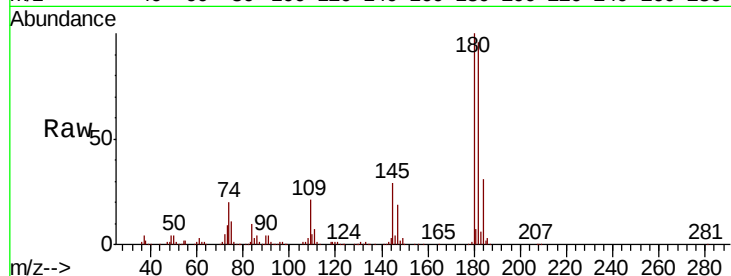
#96
 1,2,3-Trichlorobenzene
 Concen: 47.519 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003541.D
 Acq: 21 Jul 2018 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	48.0	144.0
145	29.4	14.8	44.3

Manual Integrations
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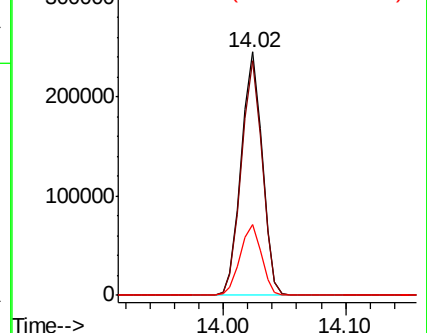
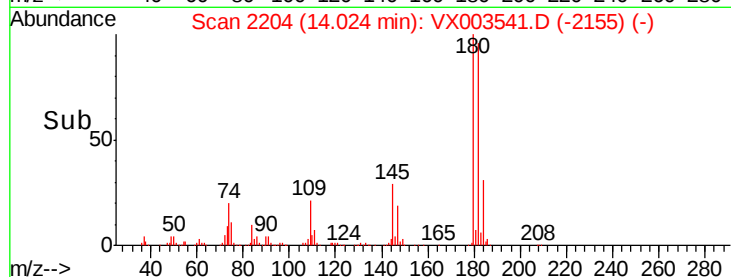


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



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