

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
 Data File : VX005136.D
 Acq On : 08 Oct 2018 19:09
 Operator : JC/MD
 Sample : J5284-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

Quant Time: Oct 09 05:57:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178844	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148157	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
35) Dibromofluoromethane	5.50	113	119030	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
50) Toluene-d8	8.71	98	441608	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.14	95	166703	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	136842	50.102	ug/l	96
3) Chloromethane	1.32	50	146456	44.197	ug/l	97
4) Vinyl Chloride	1.40	62	152244	48.986	ug/l	100
5) Bromomethane	1.64	94	109979	59.675	ug/l	97
6) Chloroethane	1.71	64	95965	56.984	ug/l	95
7) Trichlorofluoromethane	1.92	101	202342	52.590	ug/l	93
8) Diethyl Ether	2.19	74	84404	50.496	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134996	61.595	ug/l	99
10) Methyl Iodide	2.51	142	105492	35.970	ug/l	91
11) Tert butyl alcohol	3.08	59	219496	274.332	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120117	55.340	ug/l	96
13) Acrolein	2.29	56	40142	70.514	ug/l	88
14) Allyl chloride	2.72	41	243996	51.521	ug/l	96
15) Acrylonitrile	3.15	53	472077	268.020	ug/l	95
16) Acetone	2.45	43	423923	253.752	ug/l	94
17) Carbon Disulfide	2.56	76	282453	43.307	ug/l	99
18) Methyl Acetate	2.78	43	243071	57.427	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	418244	55.864	ug/l	96
20) Methylene Chloride	2.85	84	127550	52.554	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	116129	48.876	ug/l	84
22) Diisopropyl ether	3.87	45	419426	52.594	ug/l	96
23) Vinyl Acetate	3.82	43	1592116	218.105	ug/l	99
24) 1,1-Dichloroethane	3.69	63	235831	49.575	ug/l	99
25) 2-Butanone	4.71	43	621060	252.203	ug/l	98
26) 2,2-Dichloropropane	4.58	77	133497	40.300	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	140067	52.770	ug/l	97
28) Bromochloromethane	5.02	49	111491	49.770	ug/l	98
29) Tetrahydrofuran	5.16	42	404870	264.525	ug/l	98
30) Chloroform	5.21	83	221805	49.335	ug/l	98
31) Cyclohexane	5.57	56	184802	50.757	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	190498	51.883	ug/l	95
36) 1,1-Dichloropropene	5.80	75	157834	46.082	ug/l	94
37) Ethyl Acetate	4.86	43	193835	42.634	ug/l	98
38) Carbon Tetrachloride	5.78	117	165794	46.049	ug/l	95

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

39) Methylcyclohexane	7.46	83	176515	50.471	ug/l #	85
40) Benzene	6.14	78	527805	49.223	ug/l #	88
41) Methacrylonitrile	5.06	41	123323	48.911	ug/l	98
42) 1,2-Dichloroethane	6.20	62	180681	47.665	ug/l	98
43) Isopropyl Acetate	6.46	43	303665	46.276	ug/l	96
44) Trichloroethene	7.21	130	581232	220.497	ug/l	97
45) 1,2-Dichloropropane	7.52	63	133746	50.862	ug/l	98
46) Dibromomethane	7.66	93	84934	51.395	ug/l	99
47) Bromodichloromethane	7.90	83	165968	53.640	ug/l	99
48) Methyl methacrylate	7.78	41	170233	57.155	ug/l	99
49) 1,4-Dioxane	7.76	88	81687	1103.935	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1177348	284.947	ug/l	99
52) Toluene	8.79	92	303018	51.428	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179261	51.270	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	190149	51.921	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	131808	51.070	ug/l	96
56) Ethyl methacrylate	9.18	69	205966	49.226	ug/l	97
57) 1,3-Dichloropropane	9.37	76	219489	51.098	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.27	63	1873	15.036	ug/l #	49
59) 2-Hexanone	9.50	43	932614	270.864	ug/l	96
60) Dibromochloromethane	9.59	129	136806	53.003	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133182	48.184	ug/l	95
64) Tetrachloroethene	9.34	164	127119	45.415	ug/l	95
65) Chlorobenzene	10.14	112	345221	47.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	129612	50.555	ug/l	99
67) Ethyl Benzene	10.25	91	587580	50.749	ug/l	95
68) m/p-Xylenes	10.36	106	458307	101.297	ug/l	95
69) o-Xylene	10.70	106	221780	53.369	ug/l	99
70) Styrene	10.71	104	373770	48.172	ug/l	99
71) Bromoform	10.86	173	113950	51.915	ug/l	97
73) Isopropylbenzene	11.02	105	604390	53.615	ug/l	100
74) N-amyl acetate	10.90	43	260410	42.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219015	47.728	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244740	61.055	ug/l	84
77) Bromobenzene	11.26	156	161259	49.250	ug/l	100
78) n-propylbenzene	11.36	91	693906	53.649	ug/l	99
79) 2-Chlorotoluene	11.42	91	414242	51.381	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	512877	49.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57863	39.792	ug/l	98
82) 4-Chlorotoluene	11.51	91	486921	51.312	ug/l	99
83) tert-Butylbenzene	11.77	119	519761	56.001	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	535300	50.240	ug/l	98
85) sec-Butylbenzene	11.94	105	615608	54.455	ug/l	100
86) p-Isopropyltoluene	12.07	119	551047	53.801	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299912	49.053	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	305708	48.437	ug/l	100
89) n-Butylbenzene	12.39	91	482768	51.900	ug/l	99
90) Hexachloroethane	12.60	117	90841	53.269	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	307672	48.154	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52818	52.422	ug/l	99

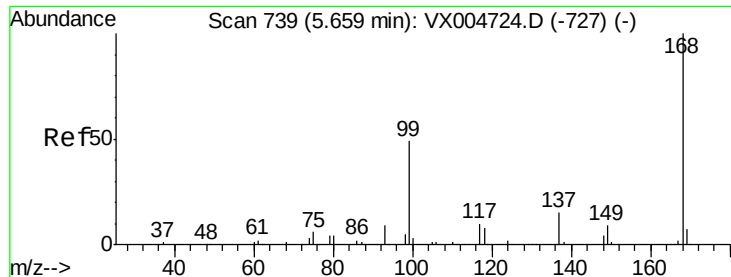
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	230493	51.426	ug/l	100
94) Hexachlorobutadiene	13.78	225	112310	48.322	ug/l	100
95) Naphthalene	13.83	128	746401	50.171	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238913	51.601	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

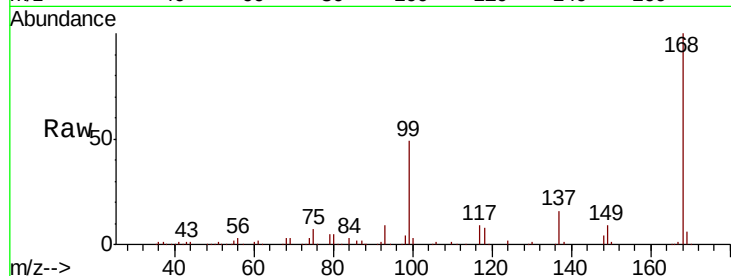
RE-125D2-2018001MSD

Tot Ion:168 Resp: 200317

Ion Ratio Lower Upper

168 100

99 48.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

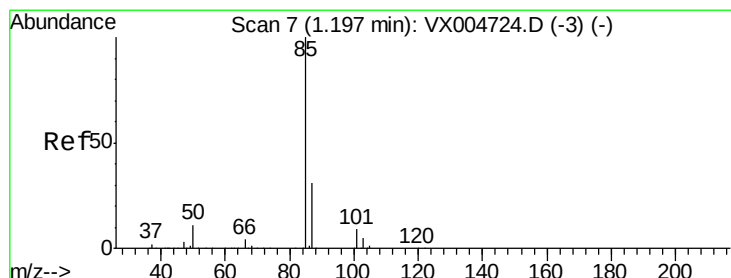
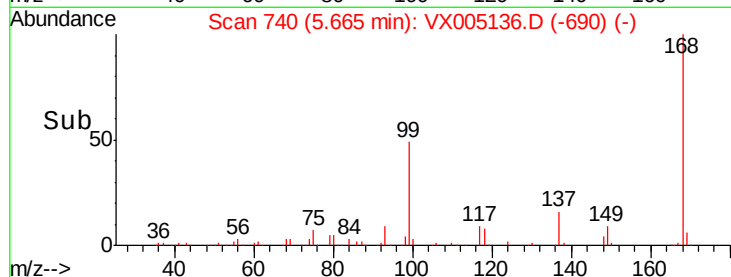
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.102 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005136.D

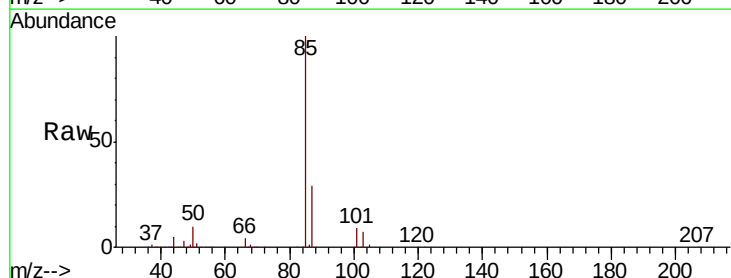
Acq: 08 Oct 2018 19:09

Tgt Ion: 85 Resp: 136842

Ion Ratio Lower Upper

85 100

87 29.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

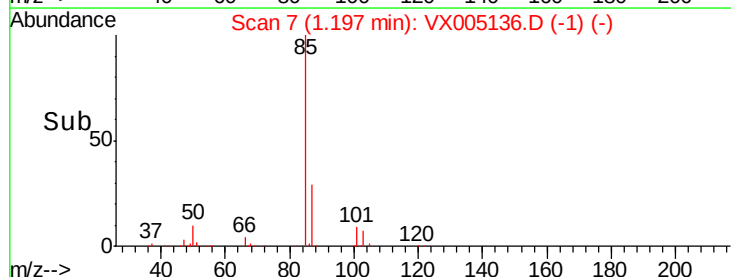
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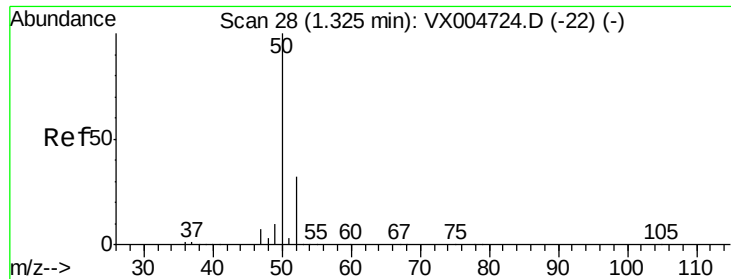
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.197 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

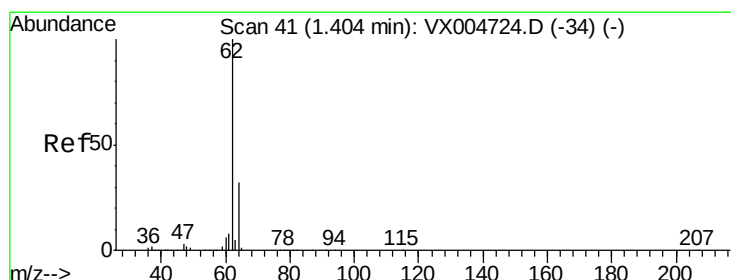
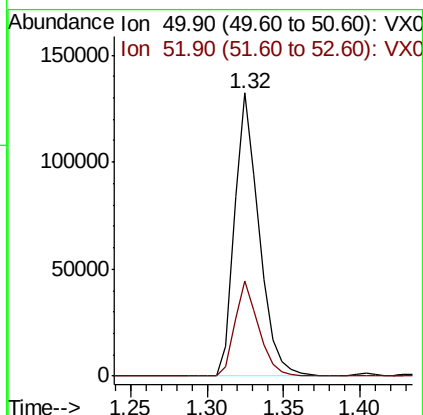
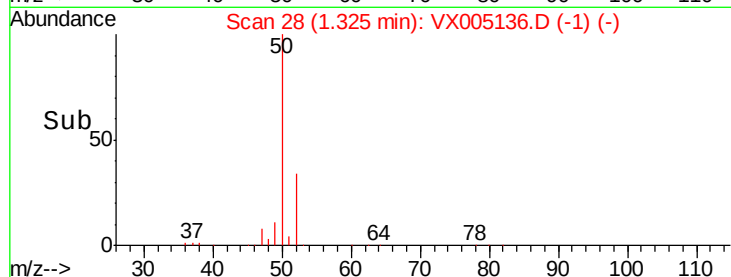
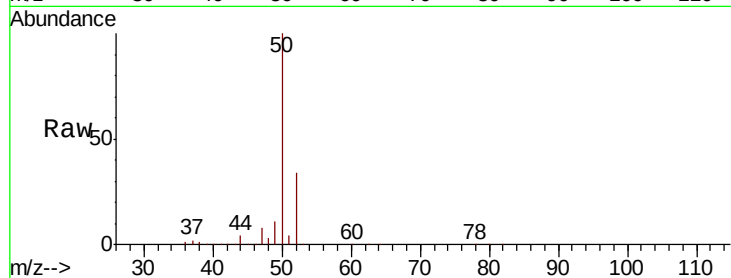
RE-125D2-2018001MSD

Tot Ion: 50 Resp: 146456

Ion Ratio Lower Upper

50 100

52 33.6 25.8 38.6



#4

Vinyl Chloride

Concen: 48.986 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005136.D

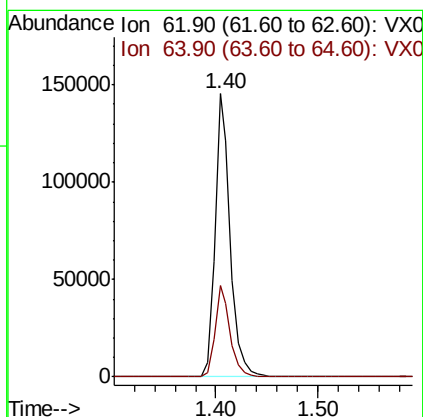
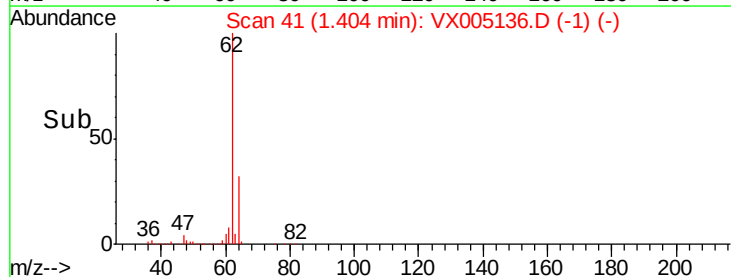
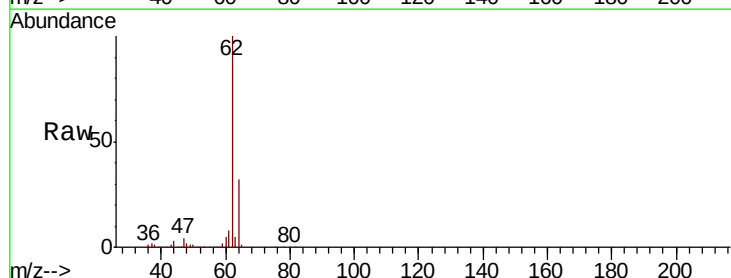
Acq: 08 Oct 2018 19:09

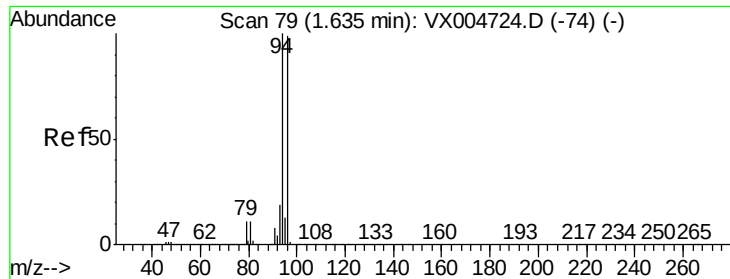
Tgt Ion: 62 Resp: 152244

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 59.675 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

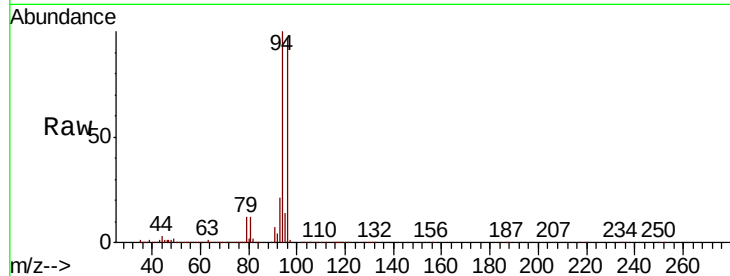
RE-125D2-2018001MSD

Tot Ion: 94 Resp: 109979

Ion Ratio Lower Upper

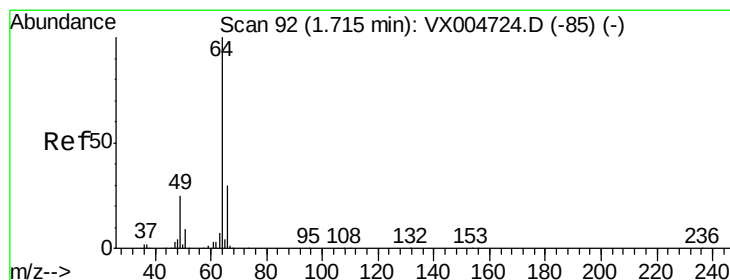
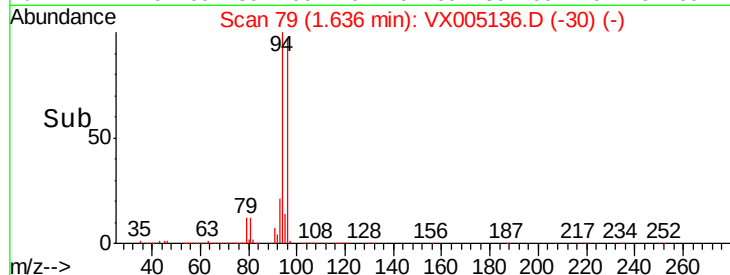
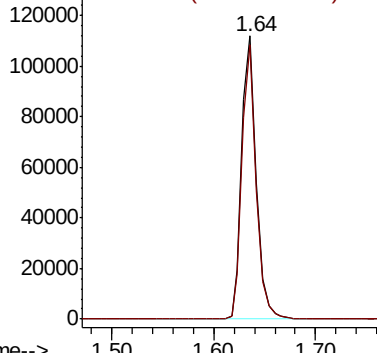
94 100

96 96.9 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.984 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005136.D

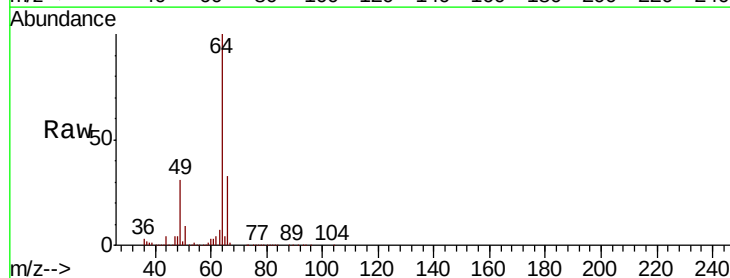
Acq: 08 Oct 2018 19:09

Tgt Ion: 64 Resp: 95965

Ion Ratio Lower Upper

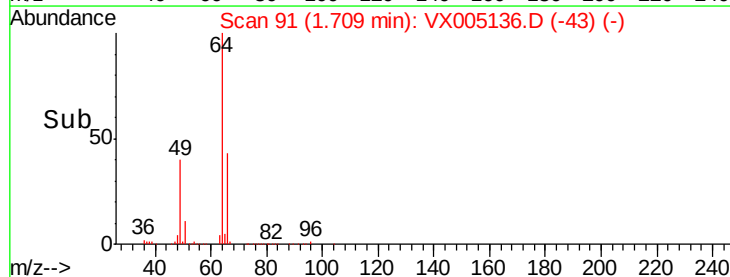
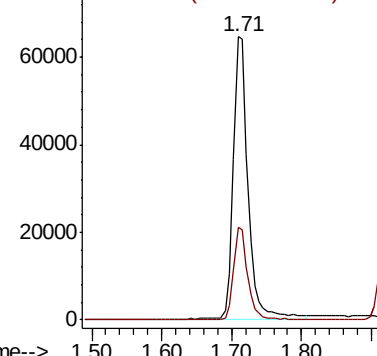
64 100

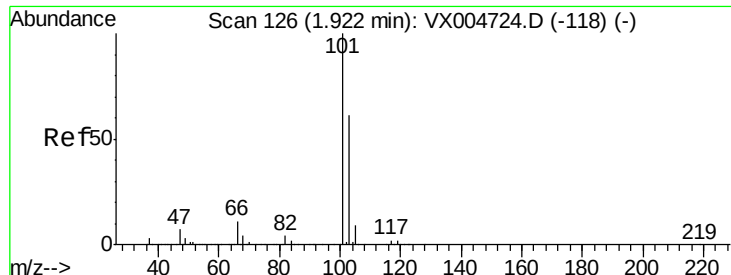
66 32.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



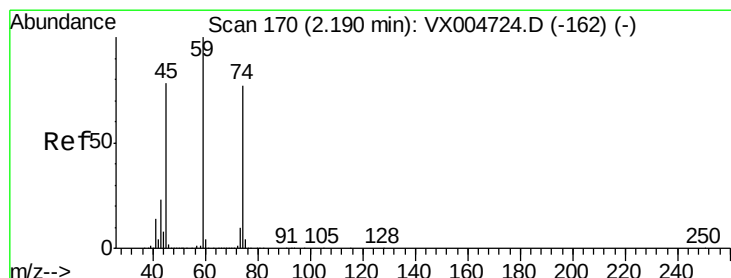
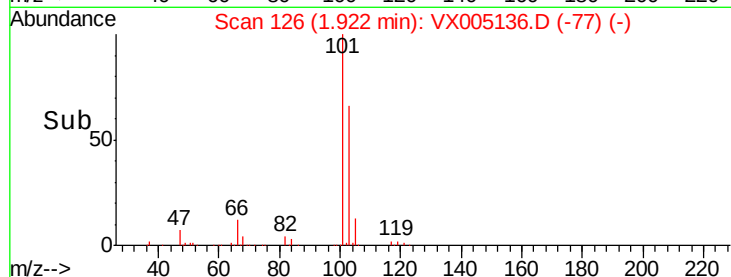
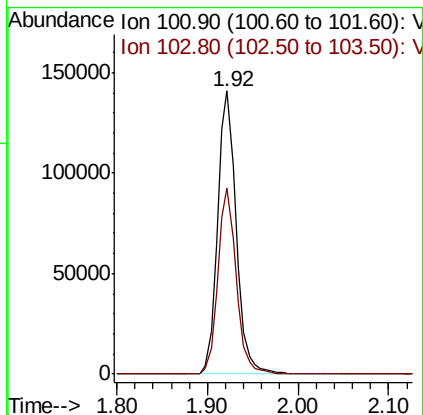
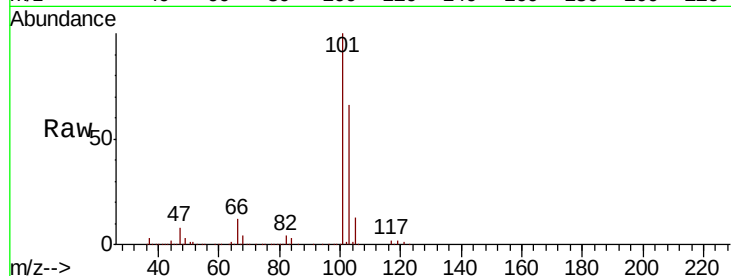


#7

Trichlorofluoromethane
Concen: 52.590 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Instrument :
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RE-125D2-2018001MSD

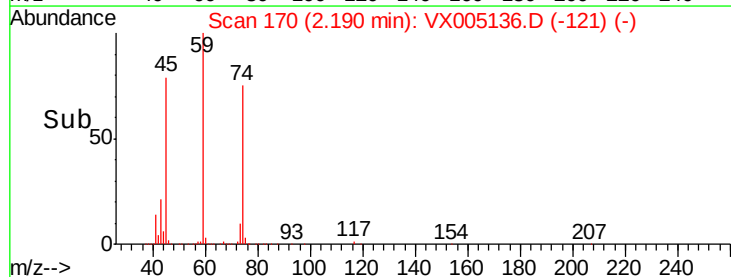
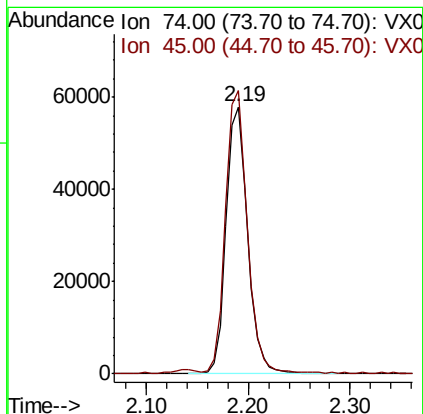
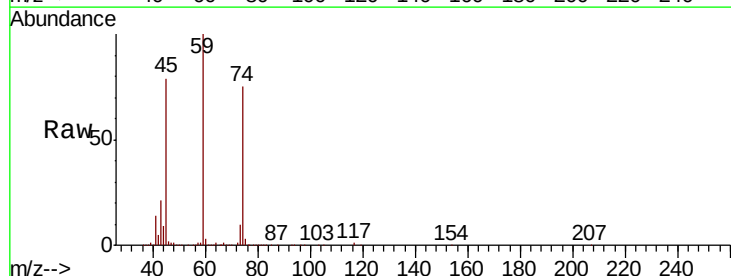
Tot Ion:101 Resp: 202342
Ion Ratio Lower Upper
101 100
103 65.8 48.4 72.6

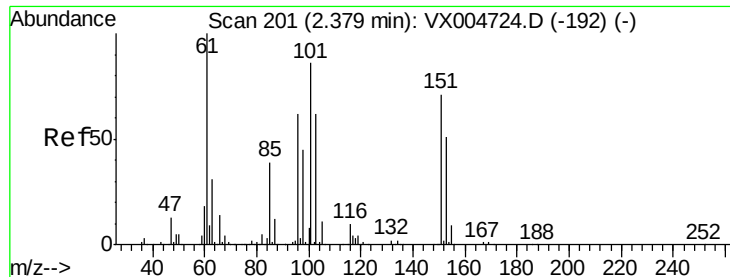


#8

Diethyl Ether
Concen: 50.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 74 Resp: 84404
Ion Ratio Lower Upper
74 100
45 106.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.595 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

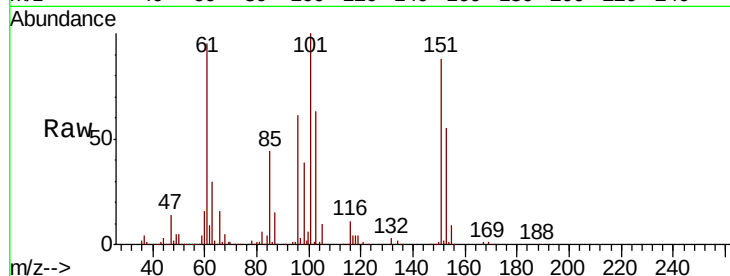
Tot Ion:101 Resp: 134996

Ion Ratio Lower Upper

101 100

85 44.3 35.9 53.9

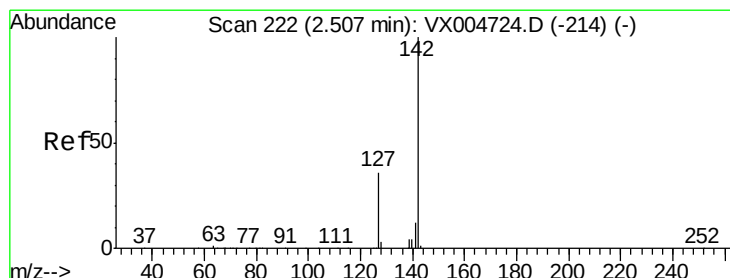
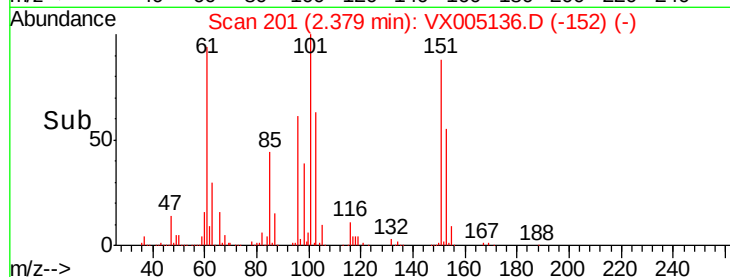
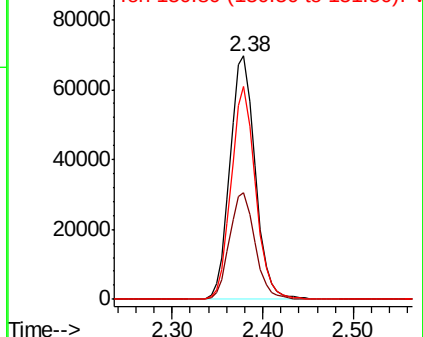
151 84.4 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.970 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

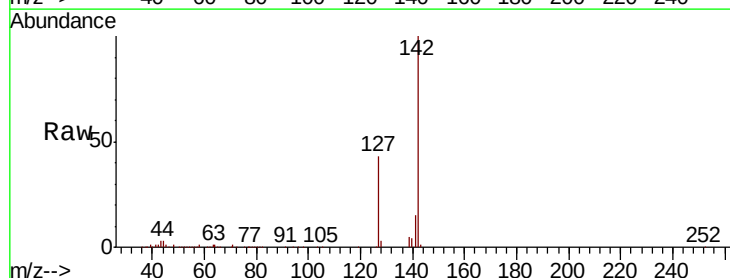
Tgt Ion:142 Resp: 105492

Ion Ratio Lower Upper

142 100

127 43.8 30.1 45.1

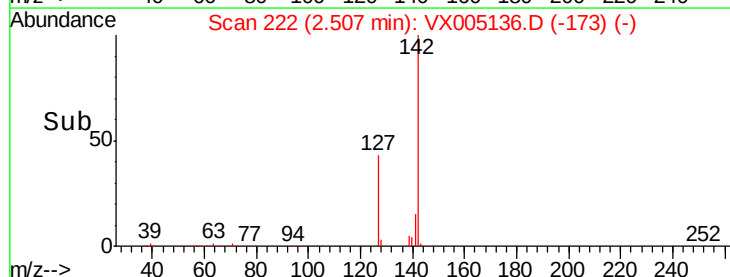
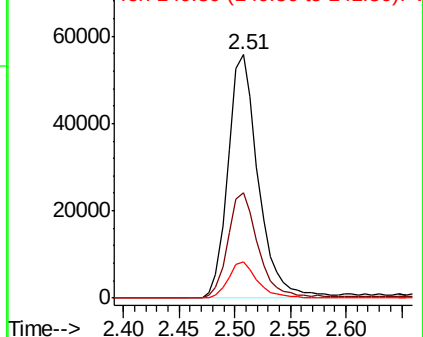
141 14.5 10.1 15.1

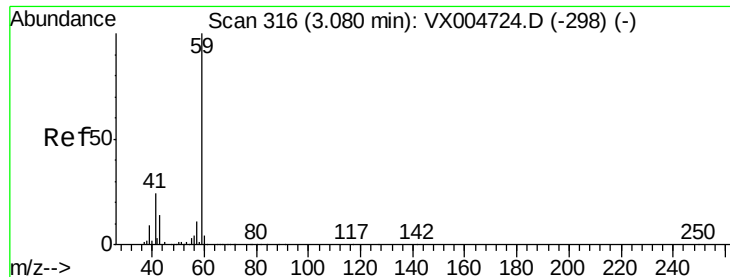


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

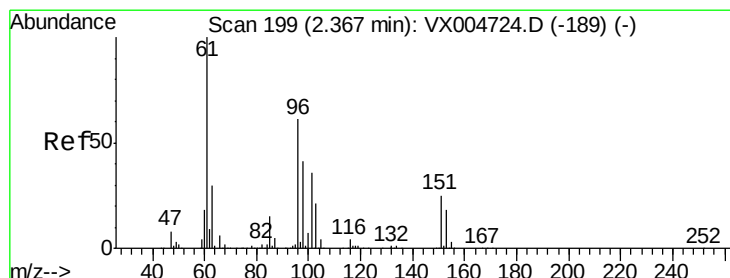
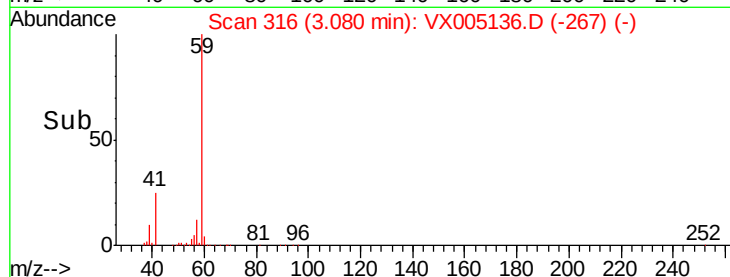
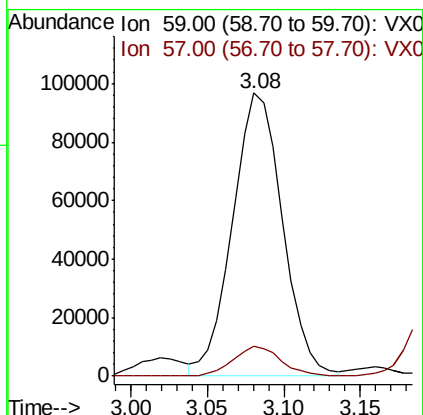
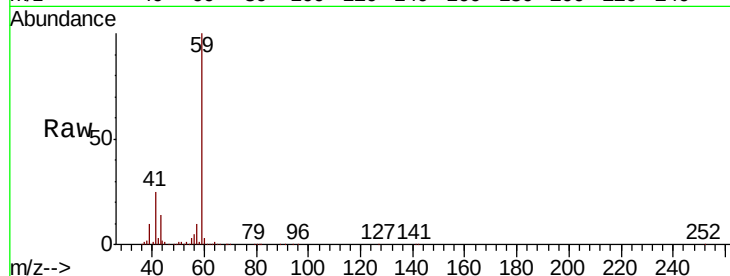




#11
Tert butyl alcohol
Concen: 274.332 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

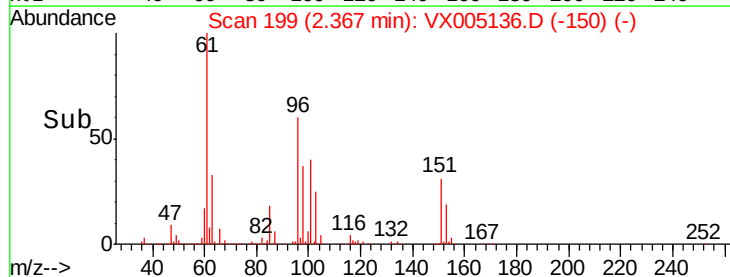
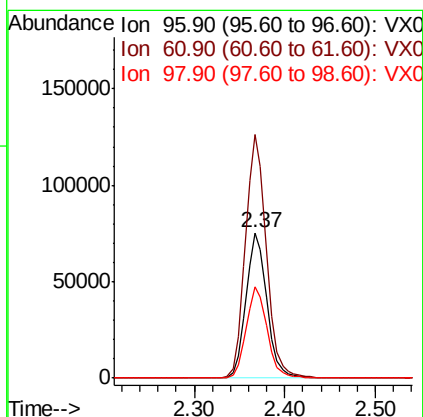
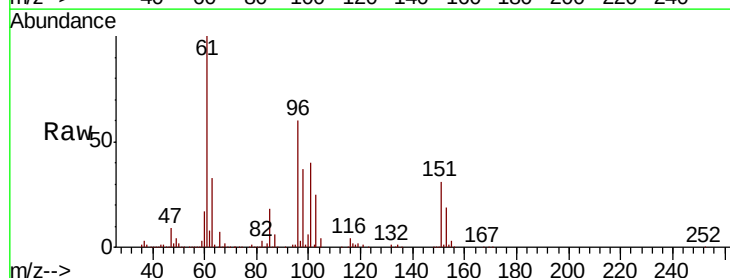
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

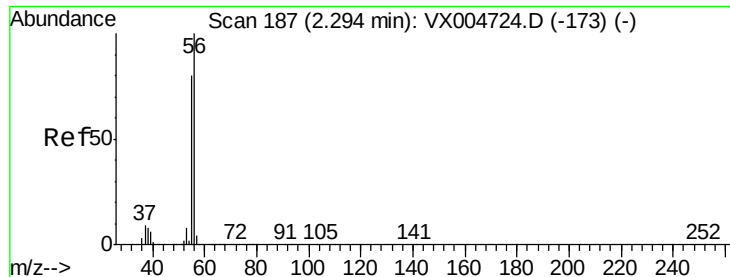
Tot Ion: 59 Resp: 219496
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 55.340 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 96 Resp: 120117
Ion Ratio Lower Upper
96 100
61 167.2 130.2 195.4
98 62.4 53.4 80.0





#13

Acrolein

Concen: 70.514 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

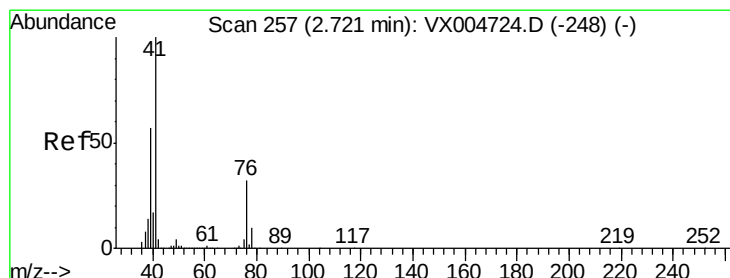
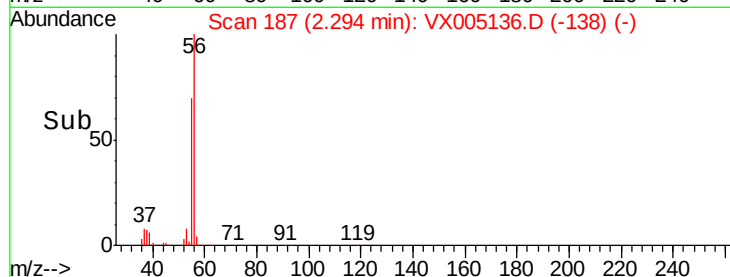
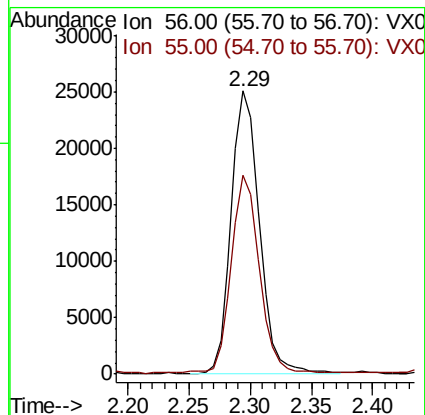
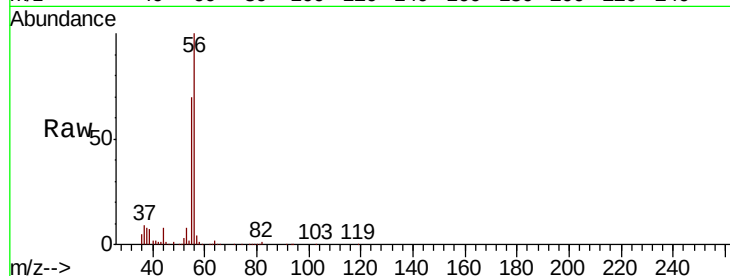
RE-125D2-2018001MSD

Tot Ion: 56 Resp: 40142

Ion Ratio Lower Upper

56 100

55 68.9 63.4 95.2



#14

Allyl chloride

Concen: 51.521 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

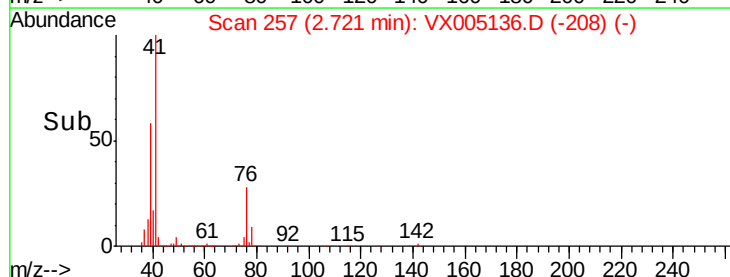
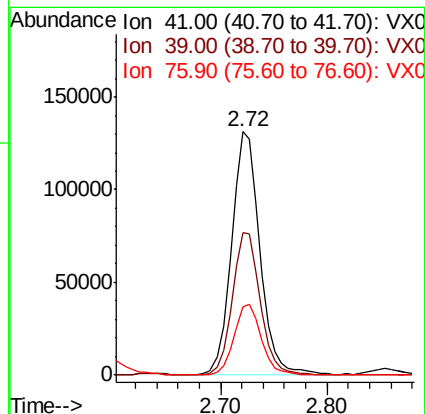
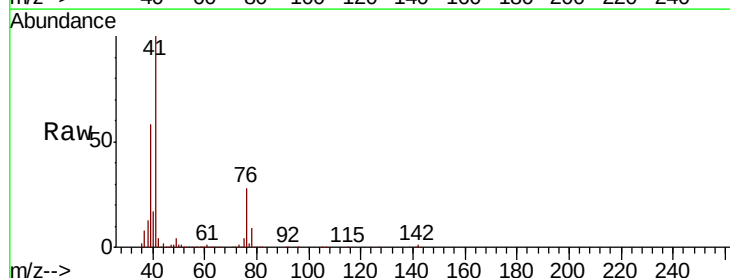
Tgt Ion: 41 Resp: 243996

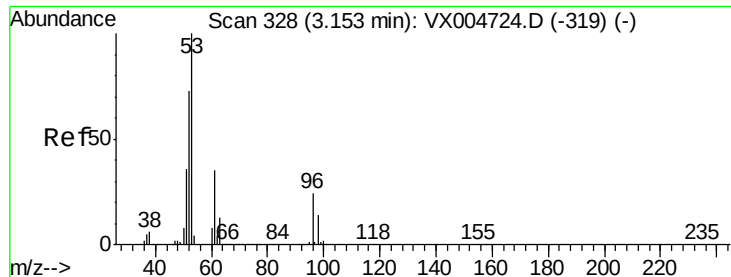
Ion Ratio Lower Upper

41 100

39 57.9 44.1 66.1

76 28.2 25.0 37.4





#15

Acrylonitrile

Concen: 268.020 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

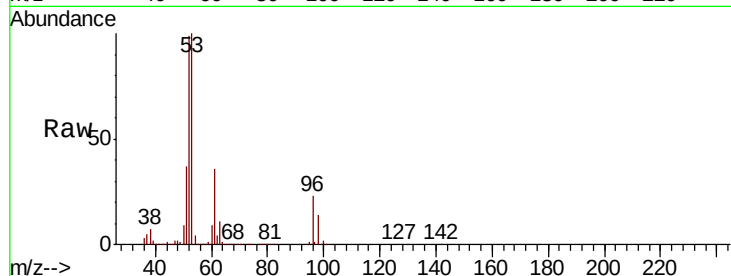
MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

Tot Ion: 53 Resp: 472077

Ion	Ratio	Lower	Upper
53	100		
52	85.4	63.0	94.4
51	36.0	28.6	42.8

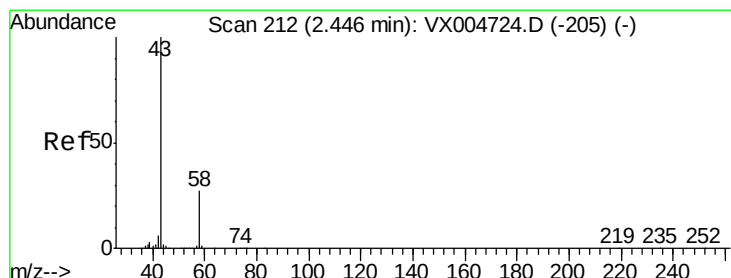
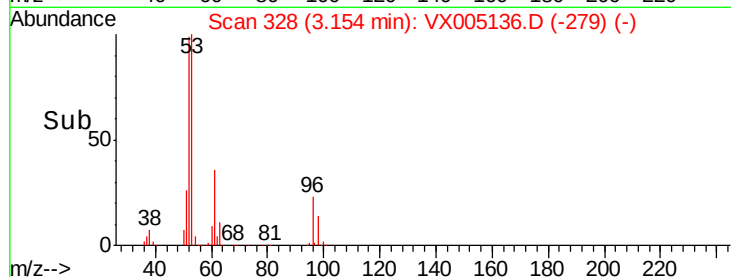
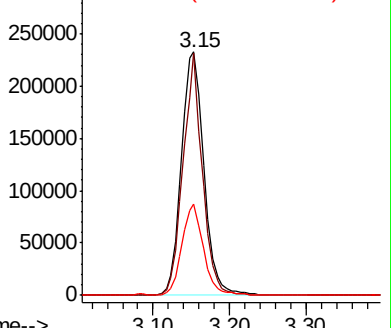


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 253.752 ug/l

RT: 2.45 min Scan# 212

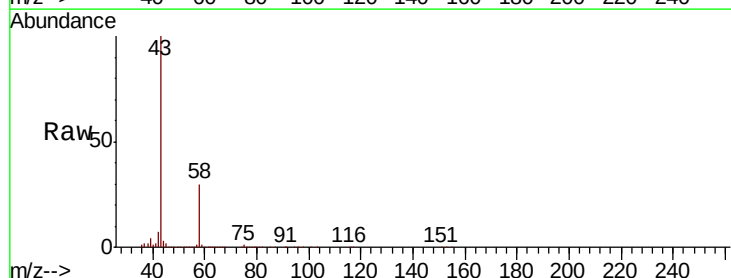
Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Tgt Ion: 43 Resp: 423923

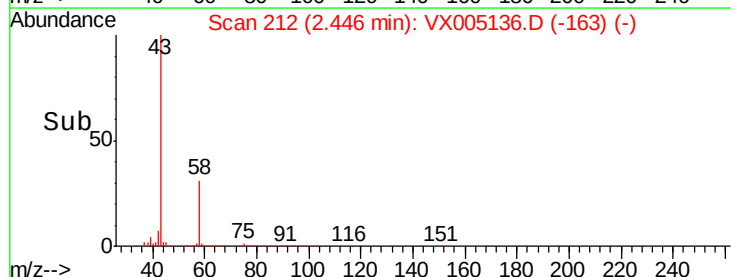
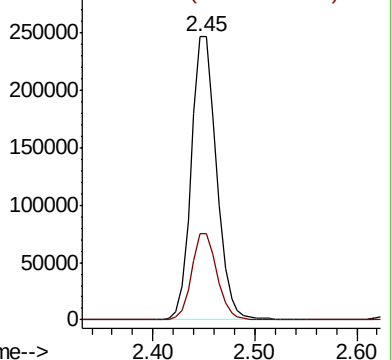
Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.8	32.6

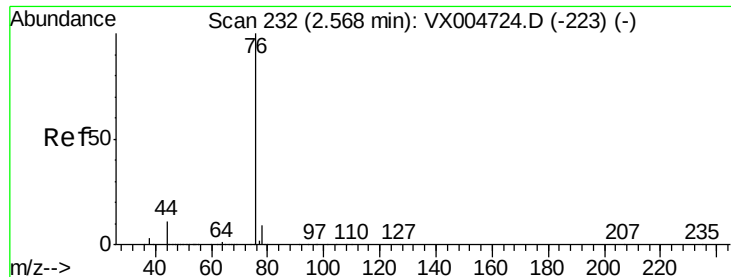


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

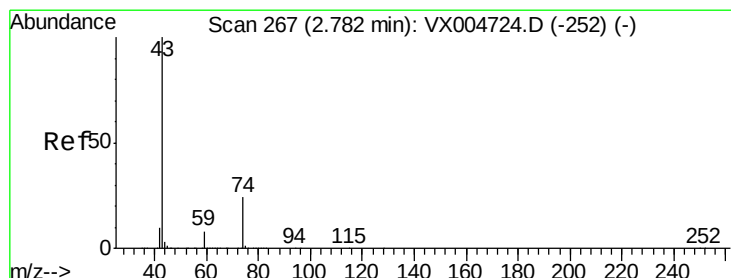
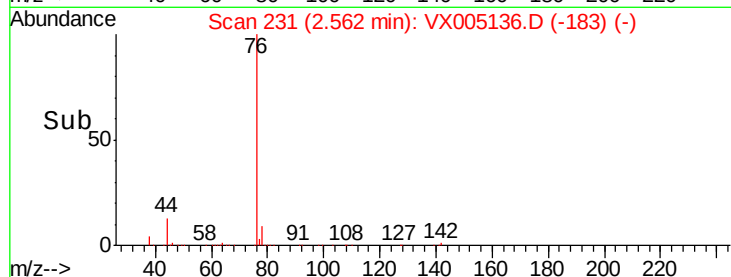
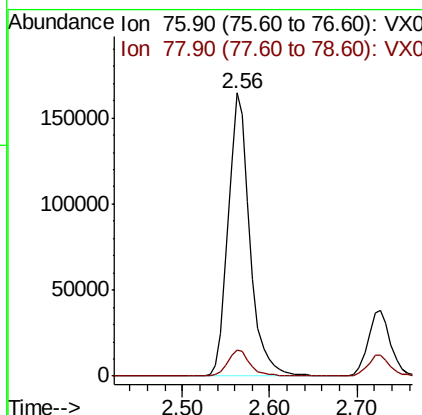
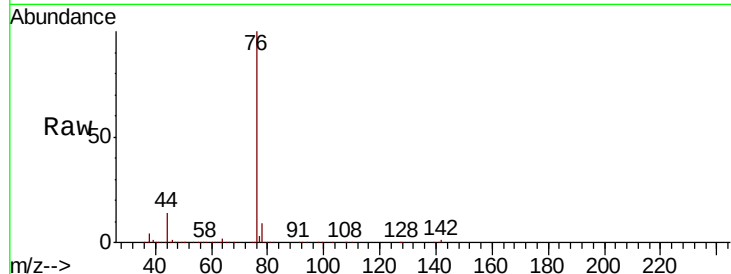




#17
Carbon Disulfide
Concen: 43.307 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

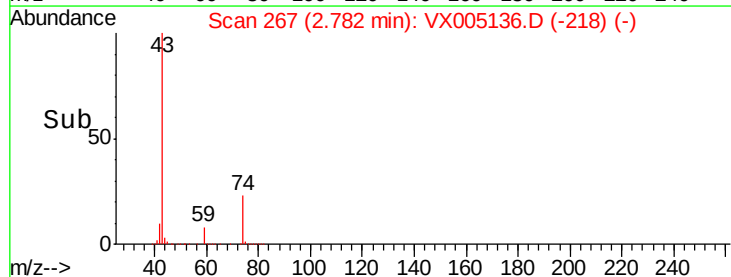
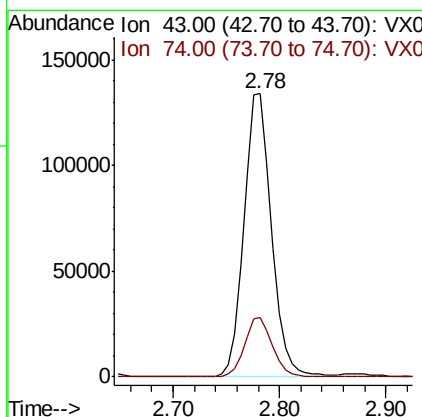
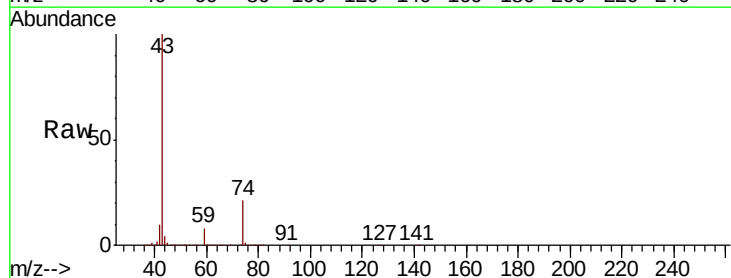
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

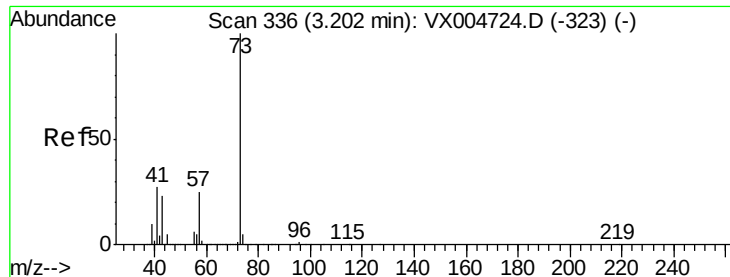
Tot Ion: 76 Resp: 282453
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 57.427 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 43 Resp: 243071
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8



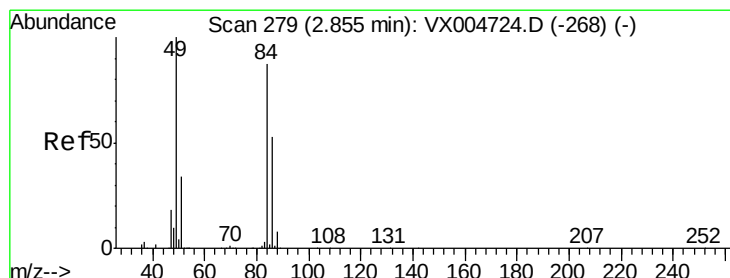
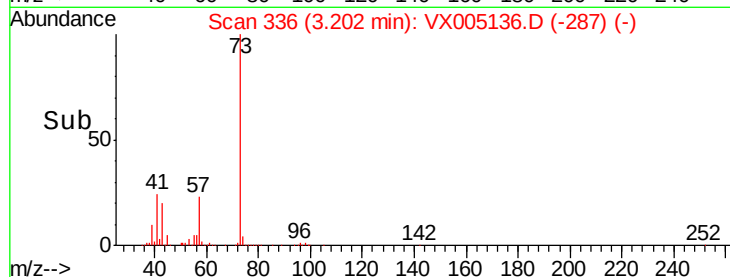
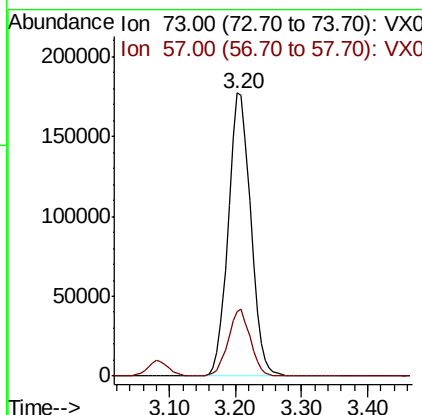
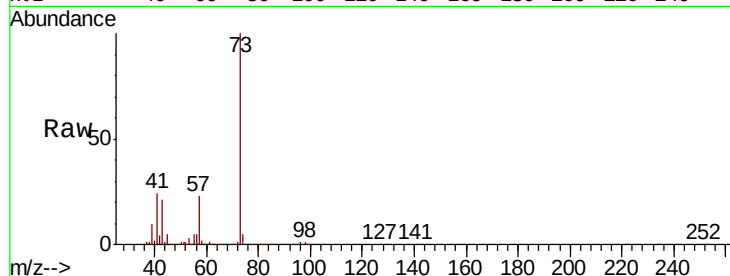


#19

Methyl tert-butyl Ether
 Concen: 55.864 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

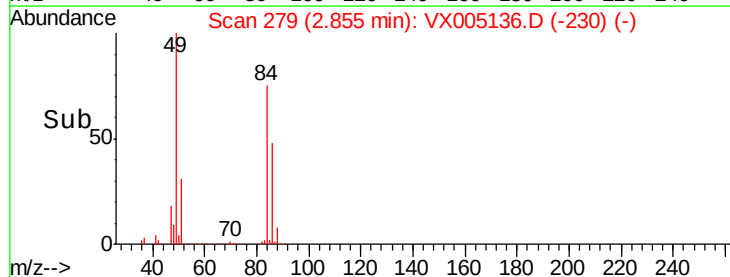
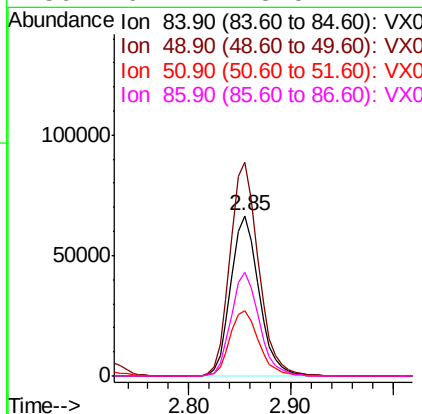
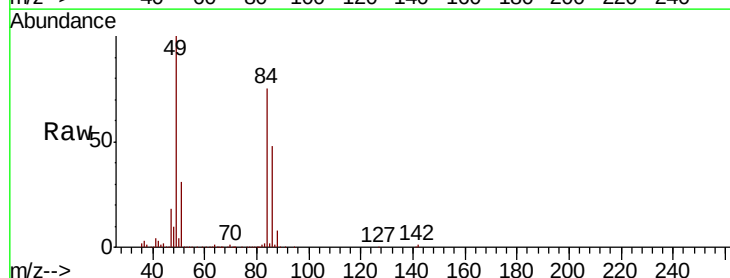
Tot Ion: 73 Resp: 418244
 Ion Ratio Lower Upper
 73 100
 57 22.9 19.9 29.9

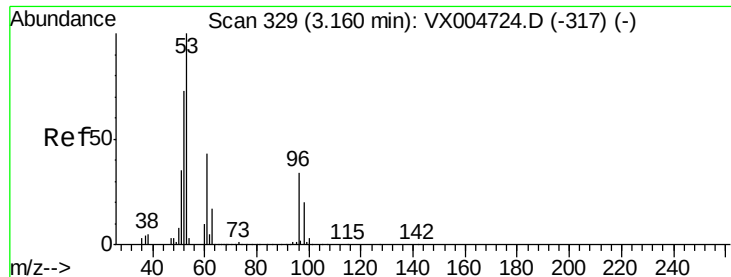


#20

Methylene Chloride
 Concen: 52.554 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion: 84 Resp: 127550
 Ion Ratio Lower Upper
 84 100
 49 132.9 92.3 138.5
 51 40.7 31.8 47.6
 86 64.4 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.876 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

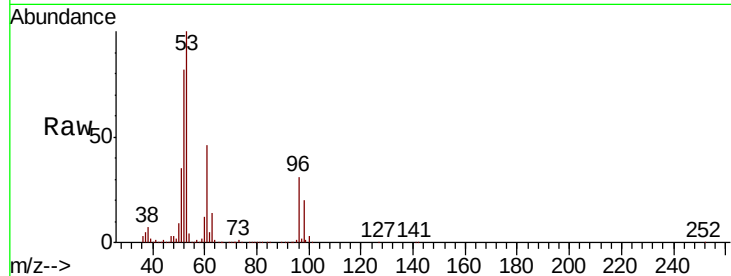
Tot Ion: 96 Resp: 116129

Ion Ratio Lower Upper

96 100

61 148.8 101.0 151.6

98 65.7 47.2 70.8

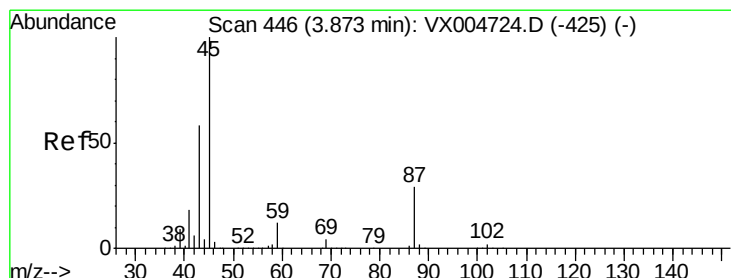
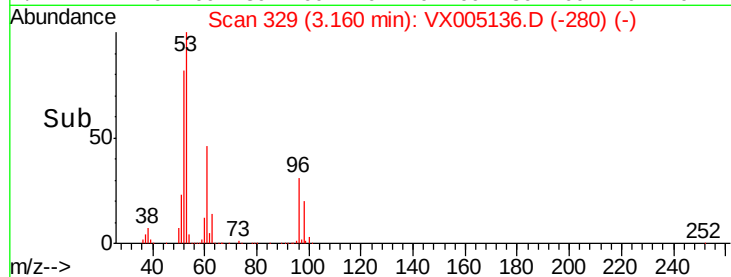
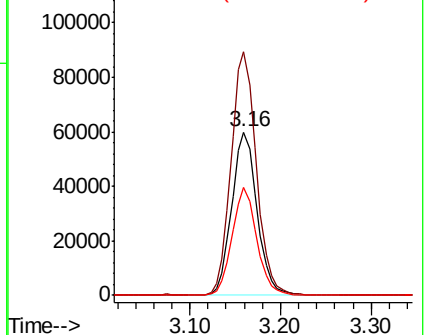


Abundance

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



#22

Diisopropyl ether

Concen: 52.594 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Tgt Ion: 45 Resp: 419426

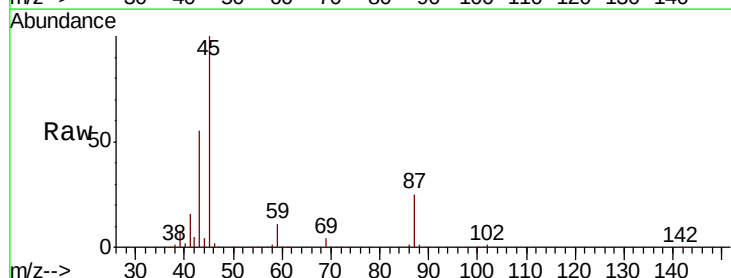
Ion Ratio Lower Upper

45 100

43 55.4 46.7 70.1

87 25.3 22.9 34.3

59 11.2 9.3 13.9



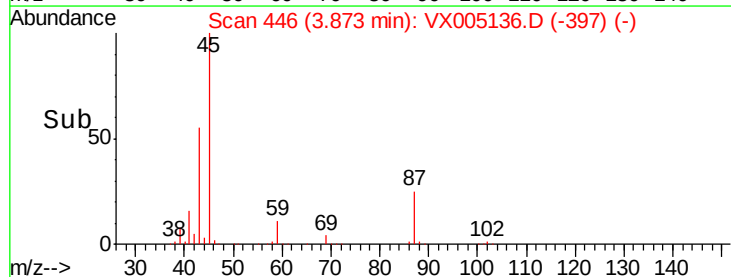
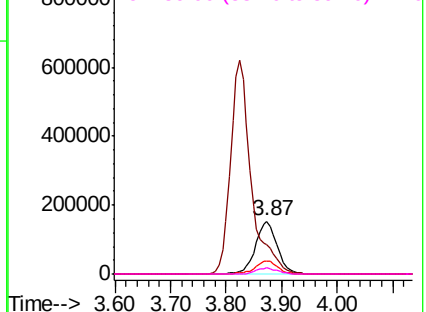
Abundance

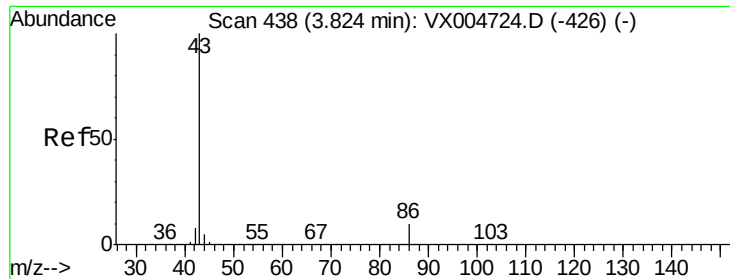
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 218.105 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

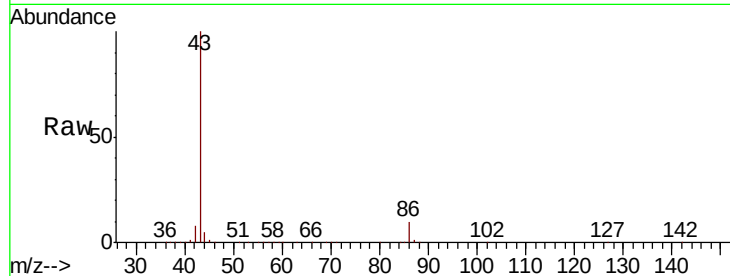
RE-125D2-2018001MSD

Tot Ion: 43 Resp: 1592116

Ion Ratio Lower Upper

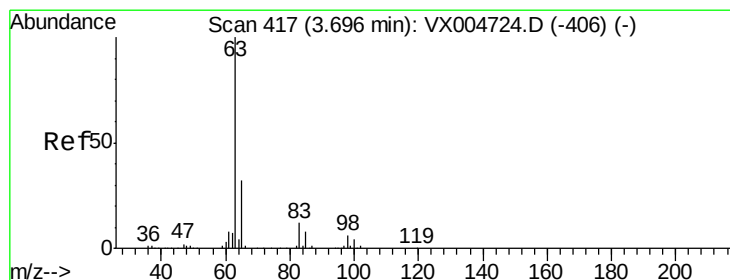
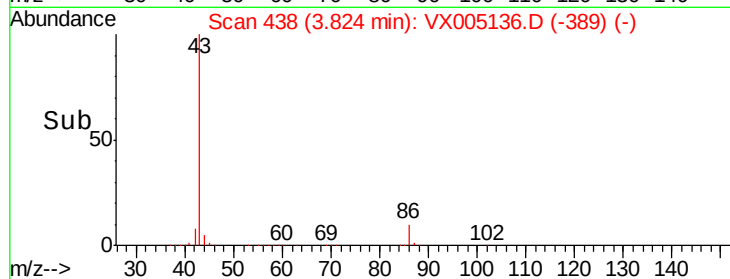
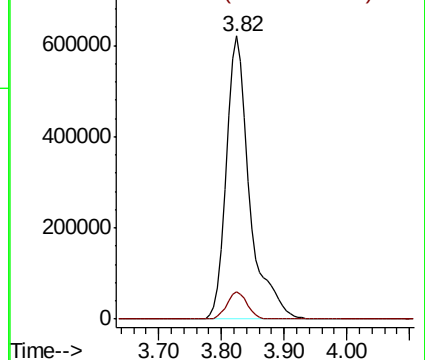
43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.575 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

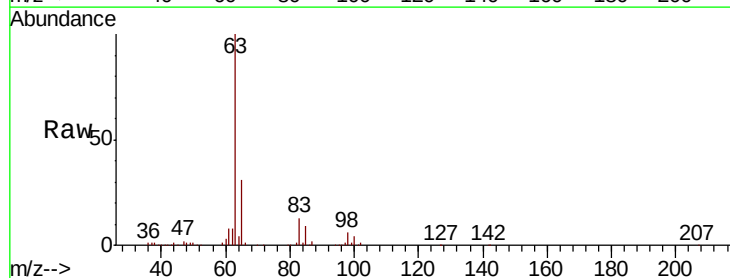
Tgt Ion: 63 Resp: 235831

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

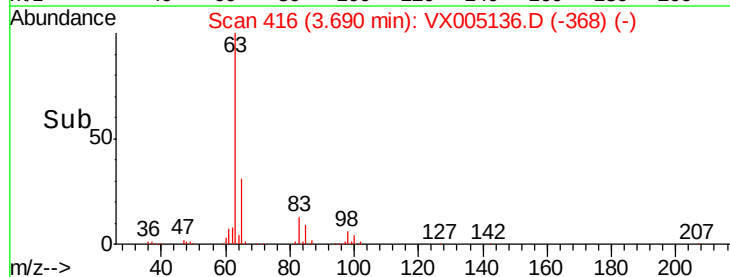
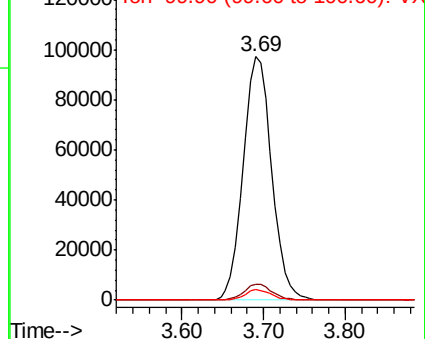
100 4.1 2.0 5.8

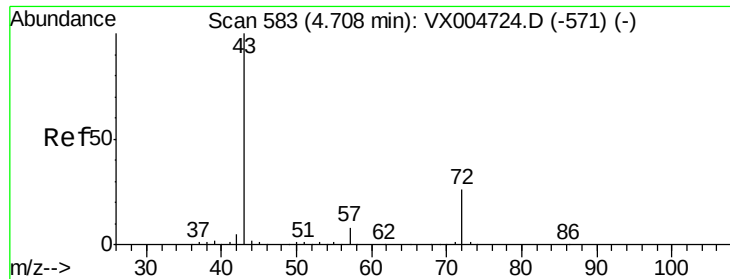


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 252.203 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

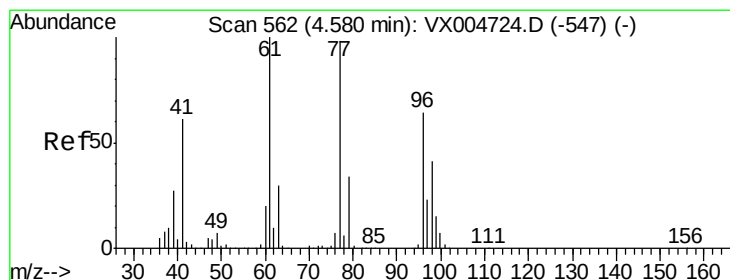
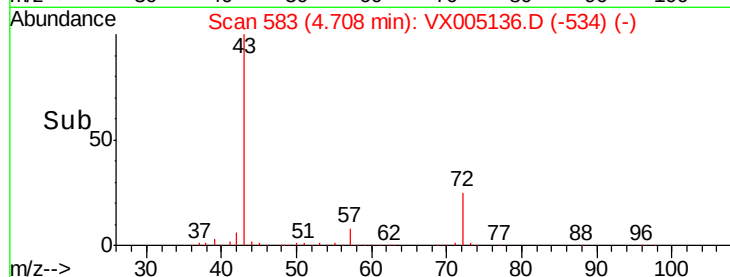
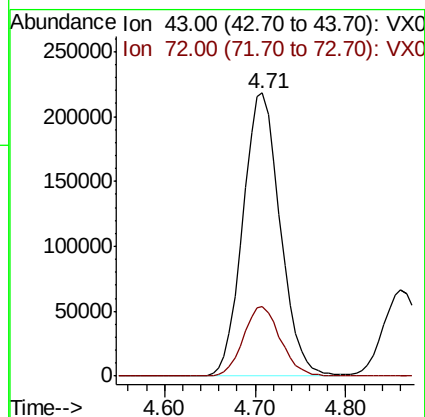
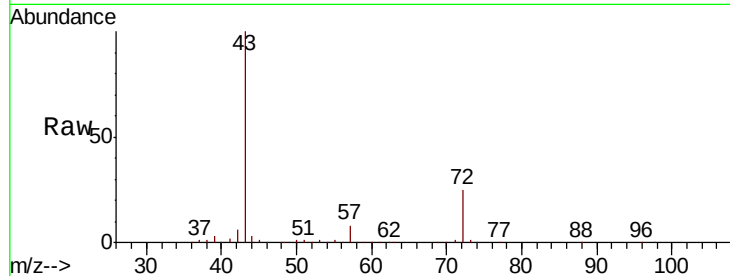
RE-125D2-2018001MSD

Tot Ion: 43 Resp: 621060

Ion Ratio Lower Upper

43 100

72 24.8 20.8 31.2



#26

2,2-Dichloropropane

Concen: 40.300 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005136.D

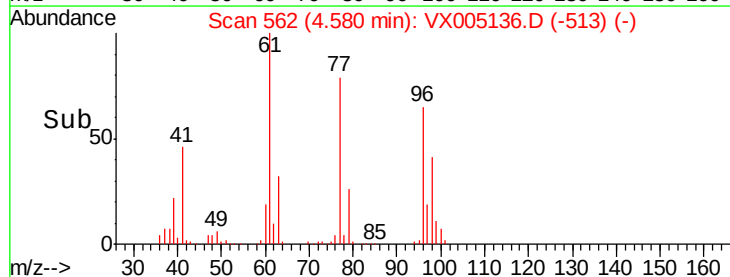
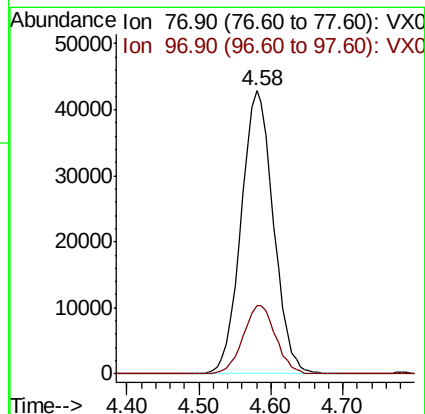
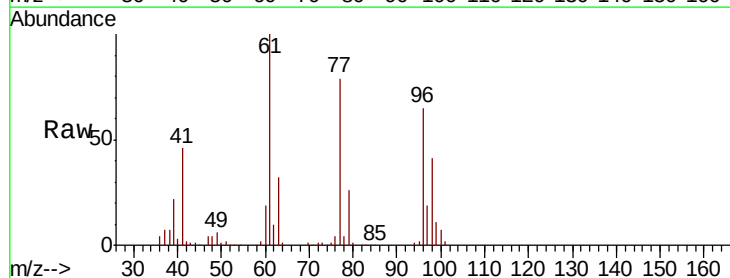
Acq: 08 Oct 2018 19:09

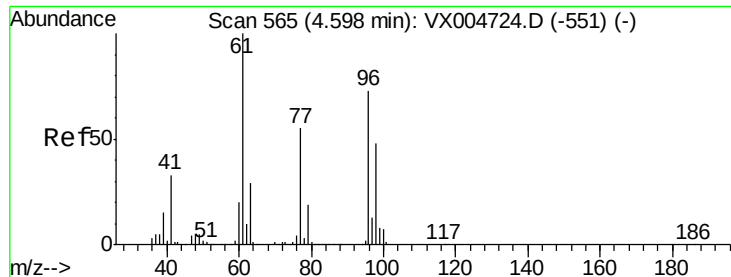
Tgt Ion: 77 Resp: 133497

Ion Ratio Lower Upper

77 100

97 24.4 12.6 37.8



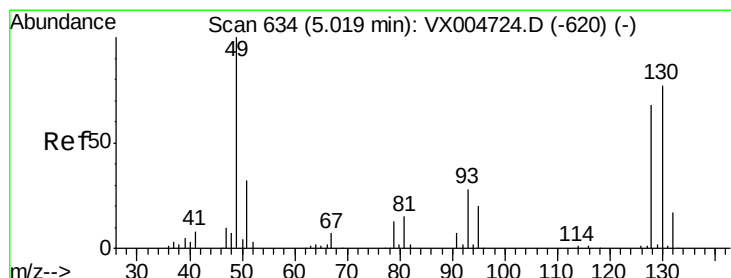
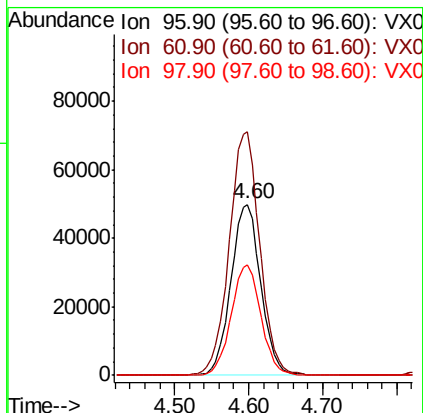
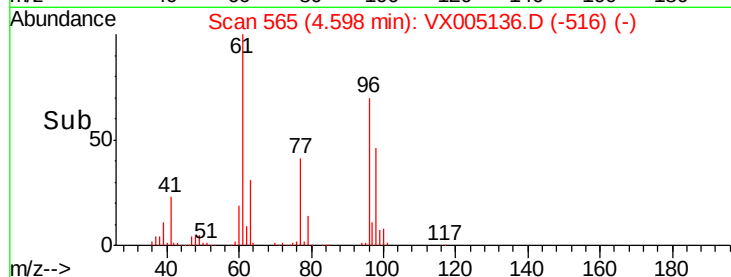
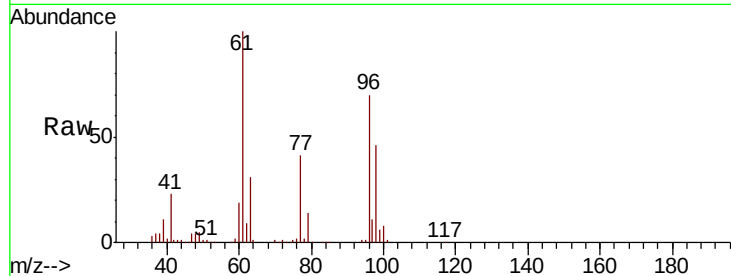


#27

cis-1,2-Dichloroethene
Concen: 52.770 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

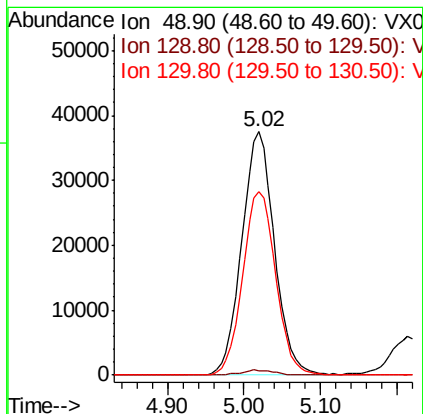
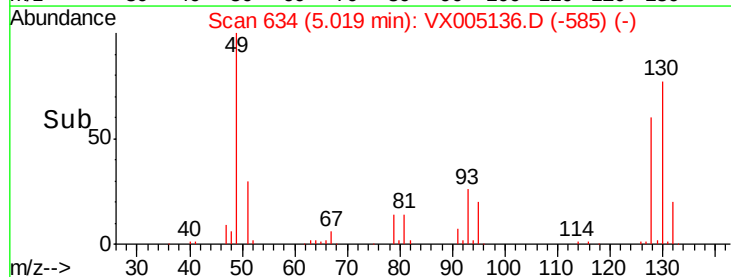
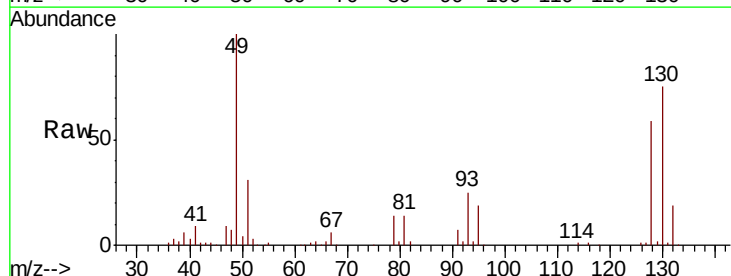
Tot Ion: 96 Resp: 140067
Ion Ratio Lower Upper
96 100
61 146.2 0.0 285.8
98 64.5 0.0 136.2

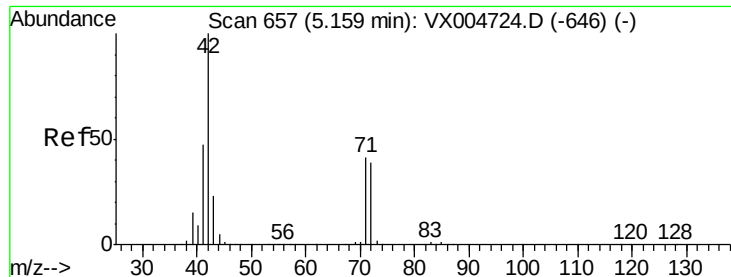


#28

Bromochloromethane
Concen: 49.770 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 49 Resp: 111491
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 76.0 62.0 93.0





#29

Tetrahydrofuran

Concen: 264.525 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

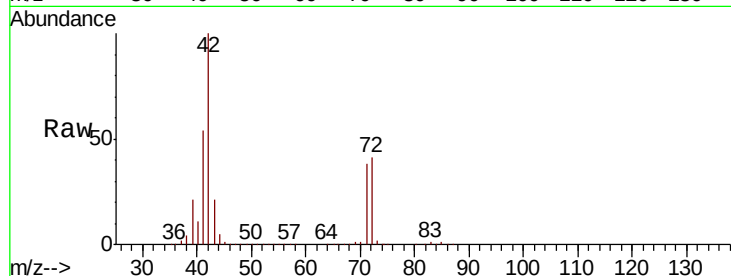
Tot Ion: 42 Resp: 404870

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

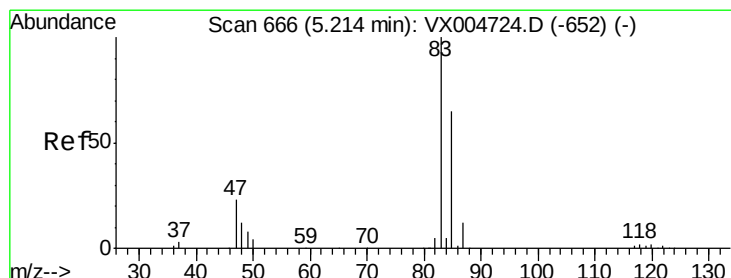
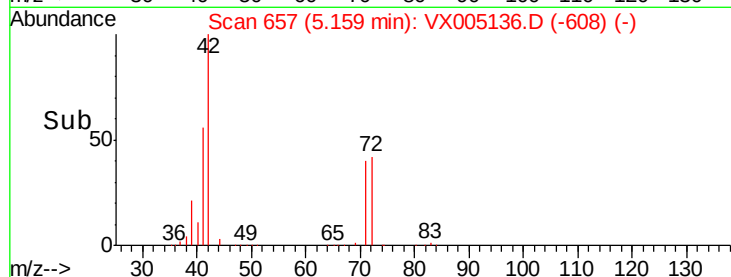
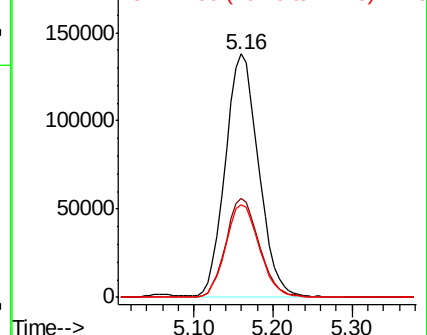
71 38.5 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.335 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005136.D

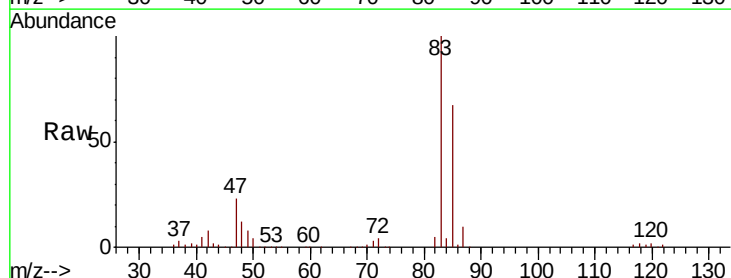
Acq: 08 Oct 2018 19:09

Tgt Ion: 83 Resp: 221805

Ion Ratio Lower Upper

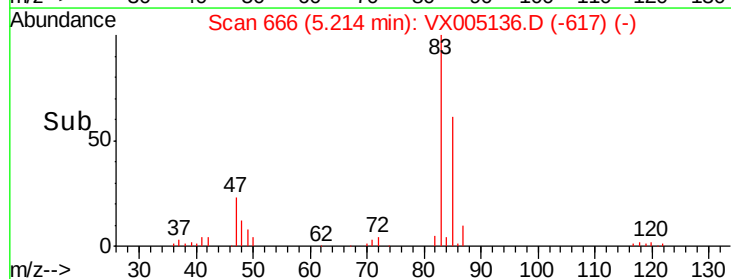
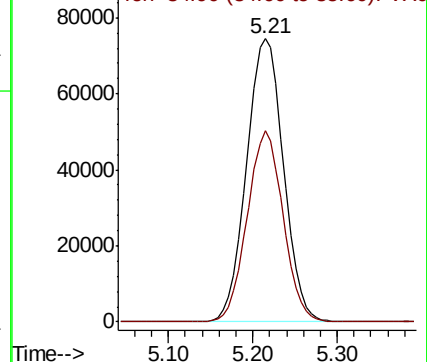
83 100

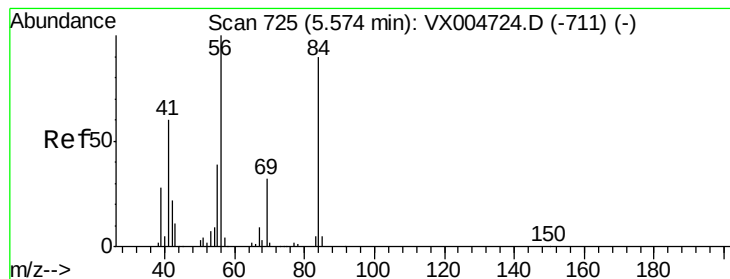
85 67.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.757 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

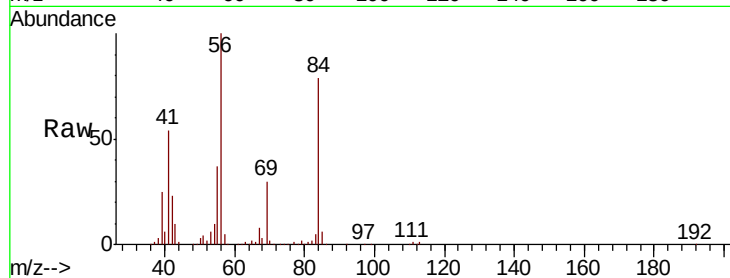
Tot Ion: 56 Resp: 184802

Ion Ratio Lower Upper

56 100

69 29.9 25.9 38.9

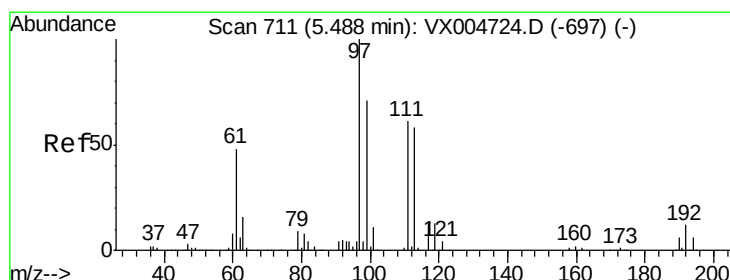
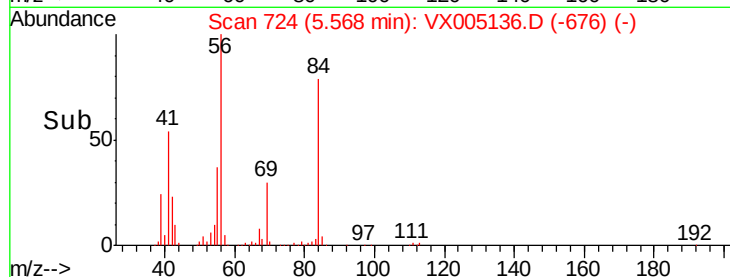
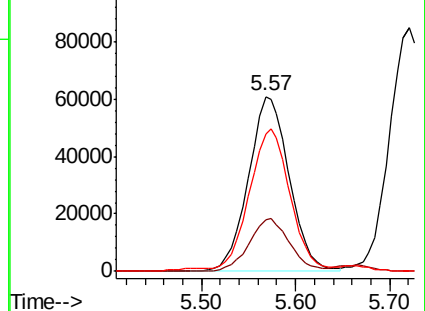
84 77.1 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.883 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

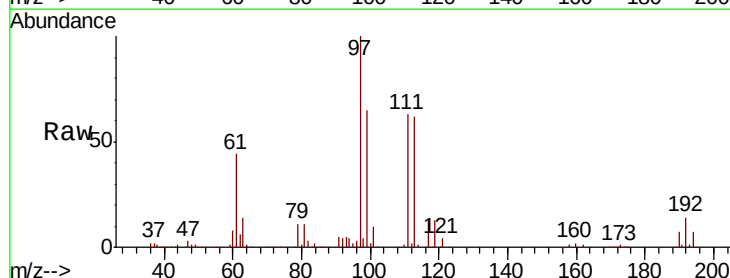
Tgt Ion: 97 Resp: 190498

Ion Ratio Lower Upper

97 100

99 64.5 54.6 82.0

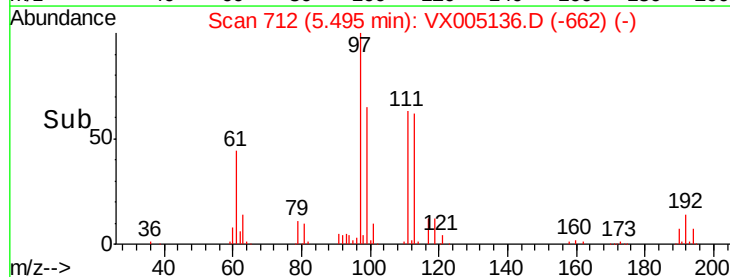
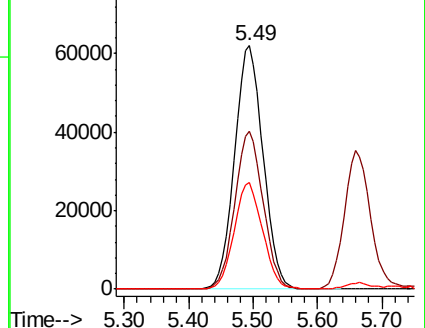
61 43.8 37.5 56.3

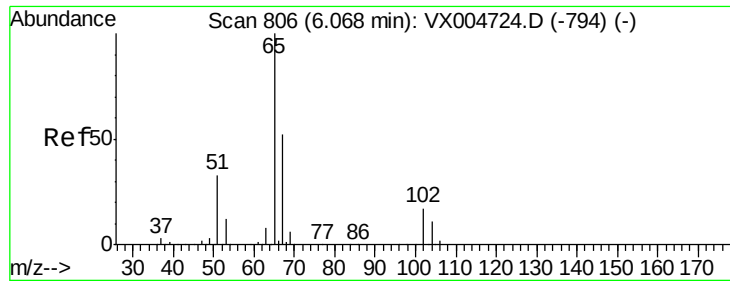


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

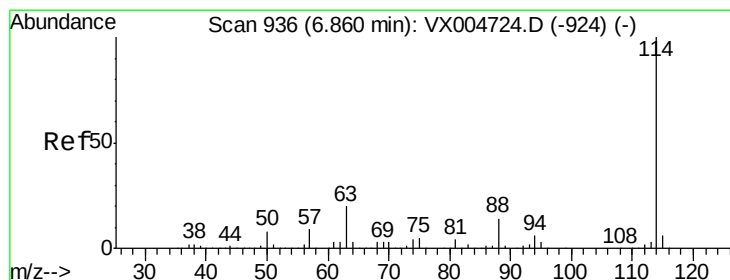
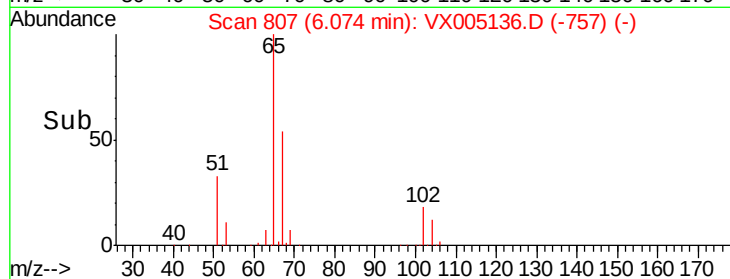
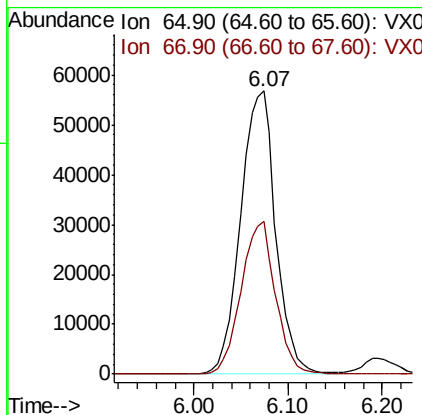
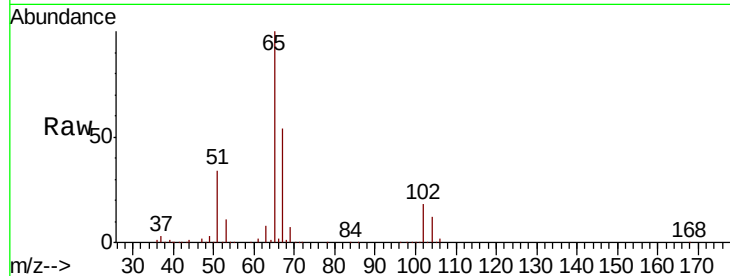




#33
 1,2-Dichloroethane-d4
 Concen: 51.775 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

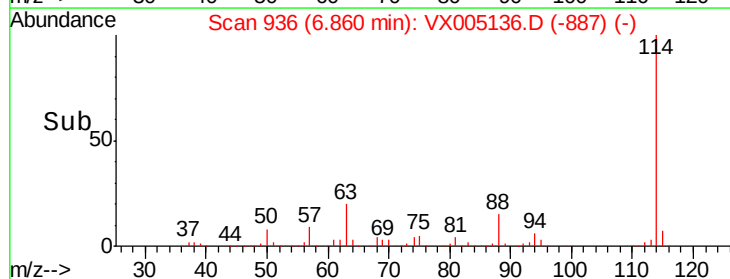
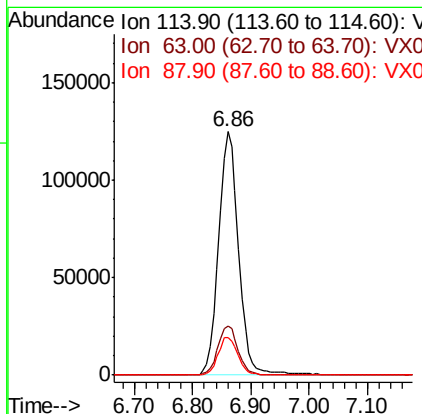
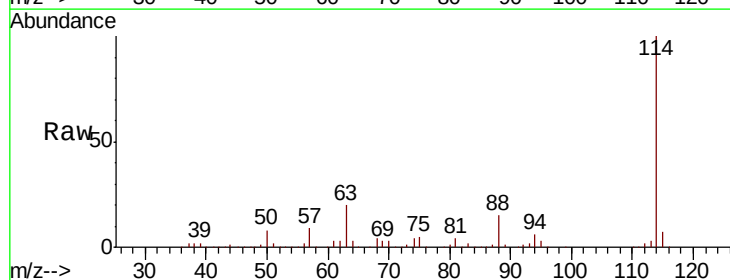
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

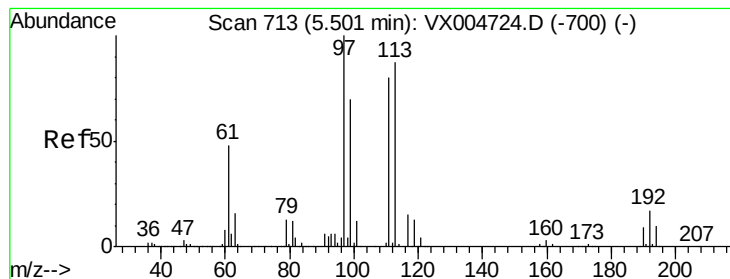
Tot Ion: 65 Resp: 148157
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion: 114 Resp: 296204
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.415 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

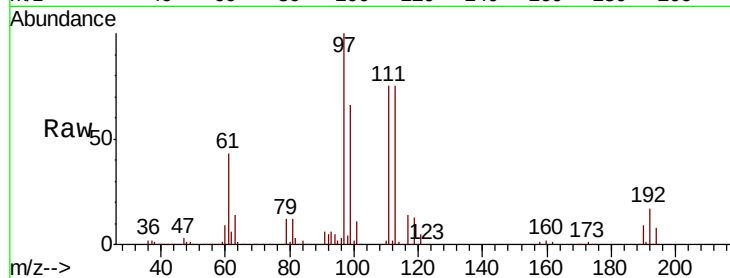
Tot Ion:113 Resp: 119030

Ion Ratio Lower Upper

113 100

111 101.5 77.0 115.4

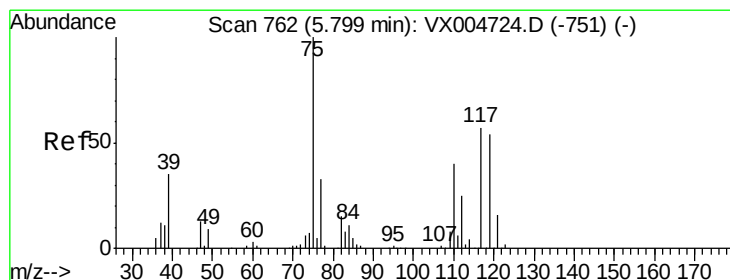
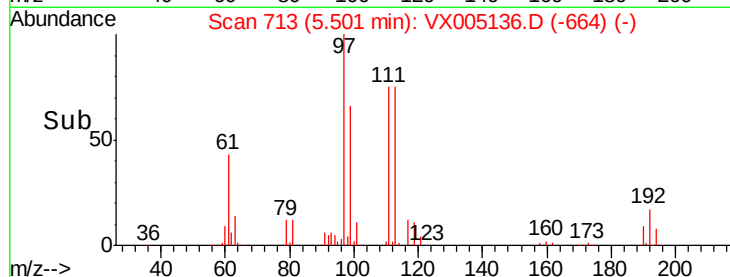
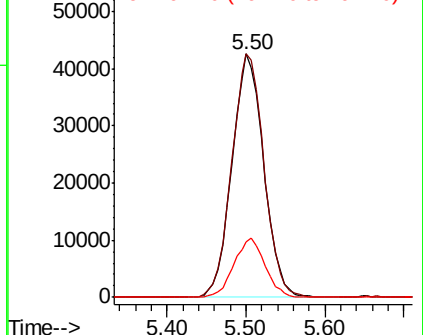
192 23.7 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.082 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

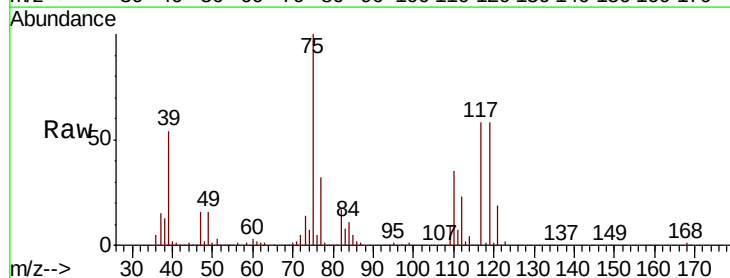
Tgt Ion: 75 Resp: 157834

Ion Ratio Lower Upper

75 100

110 35.6 20.0 59.9

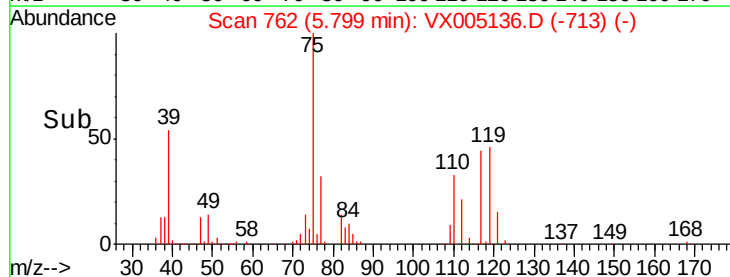
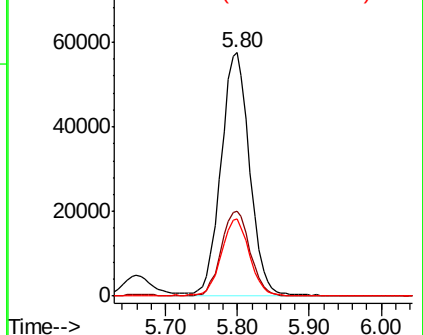
77 31.5 27.1 40.7

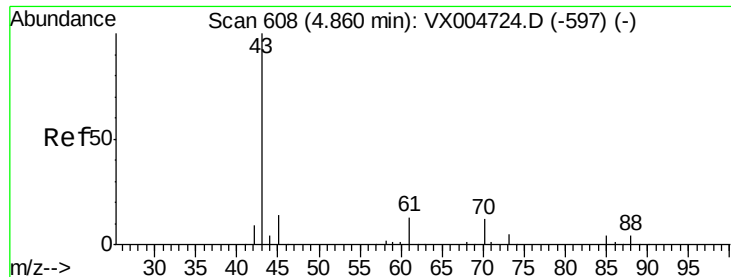


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

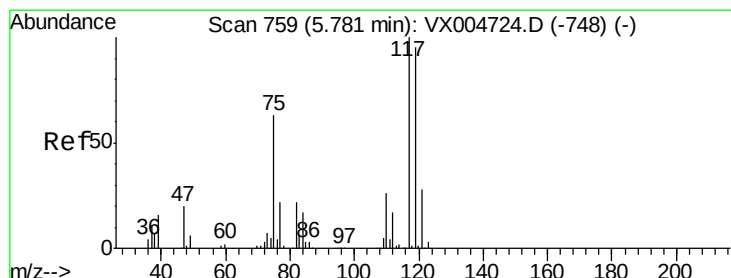
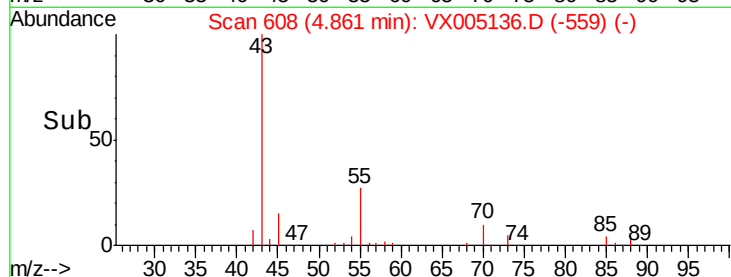
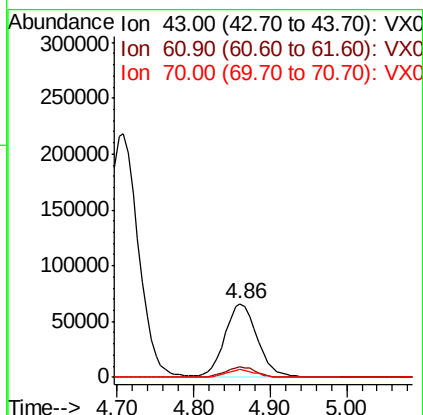
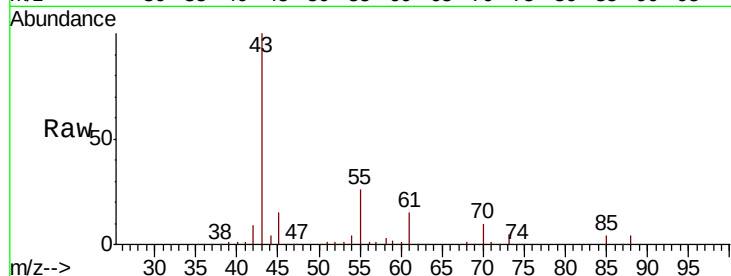




#37
Ethyl Acetate
Concen: 42.634 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

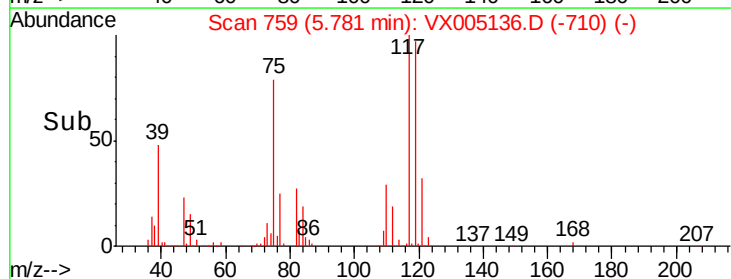
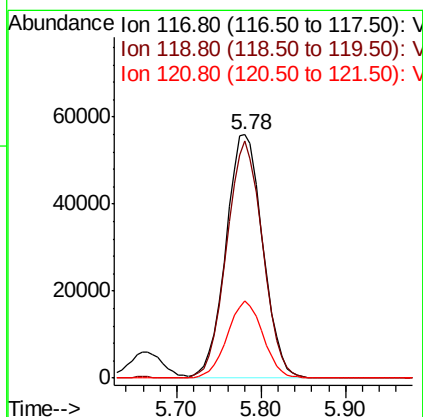
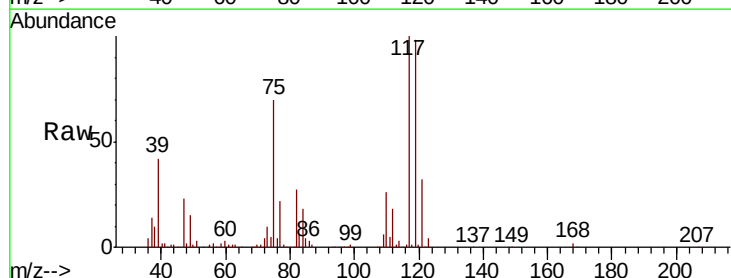
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

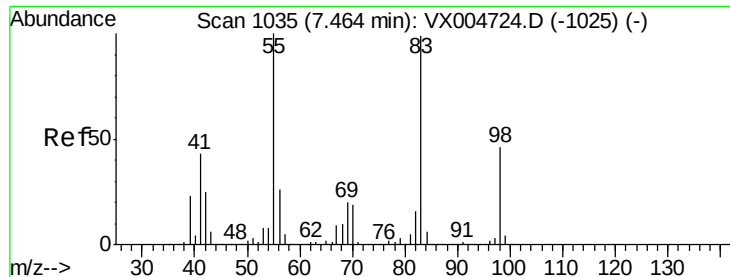
Tot Ion: 43 Resp: 193835
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 9.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 46.049 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 117 Resp: 165794
Ion Ratio Lower Upper
117 100
119 97.7 75.2 112.8
121 32.0 22.5 33.7

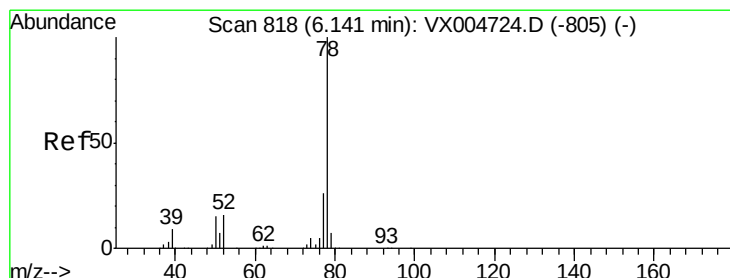
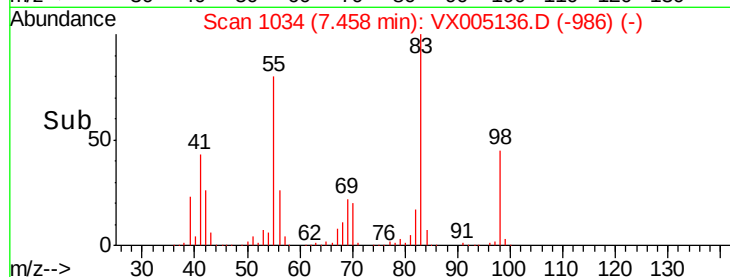
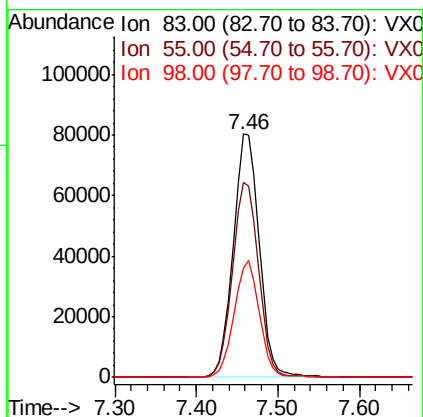
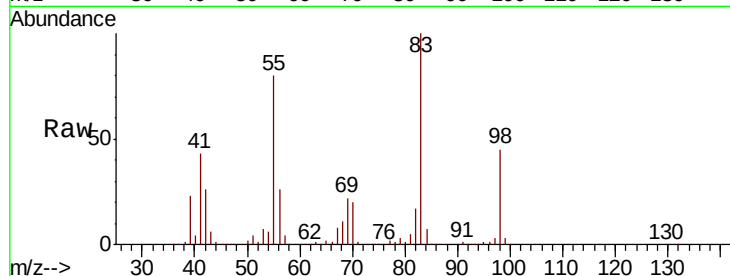




#39
Methylvlcyclohexane
Concen: 50.471 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

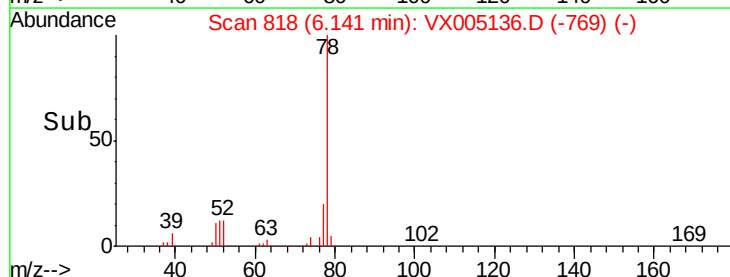
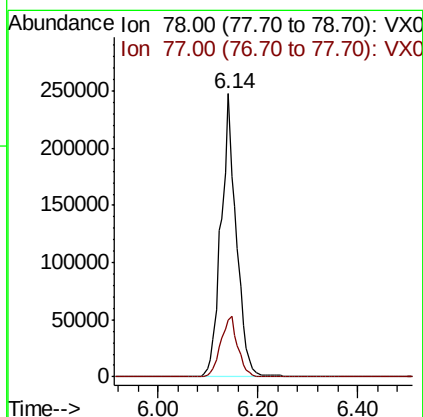
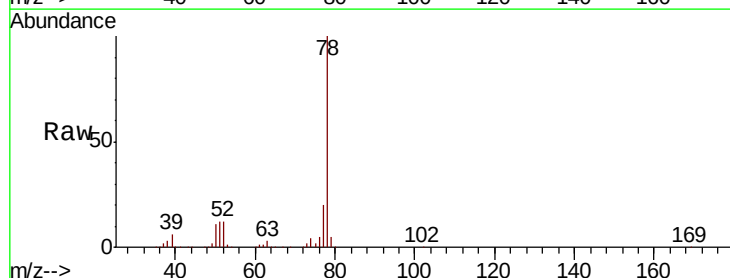
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

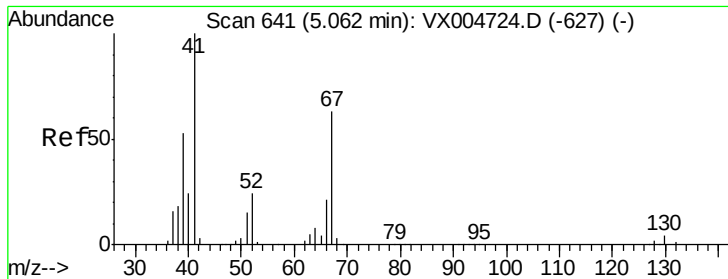
Tot Ion: 83 Resp: 176515
Ion Ratio Lower Upper
83 100
55 80.0 81.1 121.7#
98 44.7 37.3 55.9



#40
Benzene
Concen: 49.223 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 78 Resp: 527805
Ion Ratio Lower Upper
78 100
77 20.1 21.0 31.4#





#41

Methacrylonitrile

Concen: 48.911 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

Tot Ion: 41 Resp: 123323

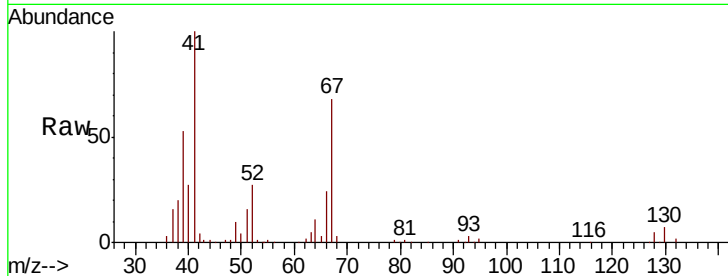
Ion Ratio Lower Upper

41 100

39 52.8 42.5 63.7

67 68.1 53.0 79.6

52 27.1 19.8 29.8

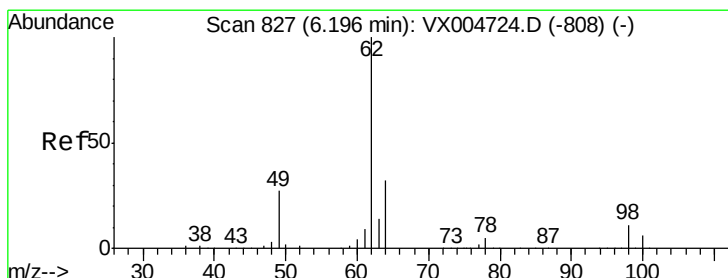
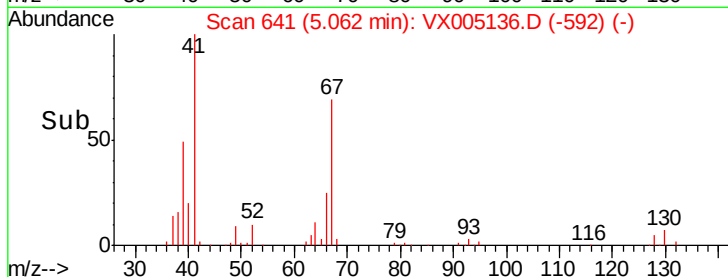
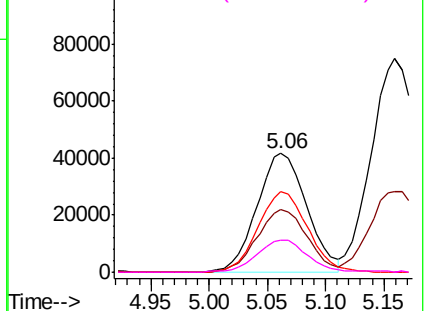


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.665 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005136.D

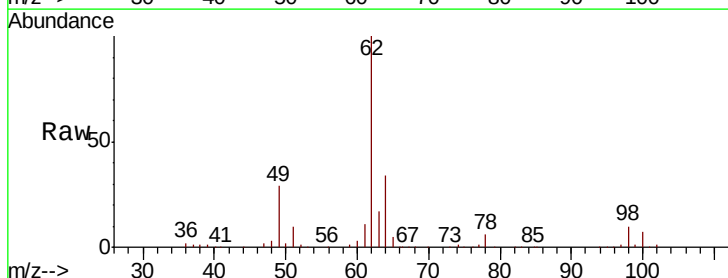
Acq: 08 Oct 2018 19:09

Tgt Ion: 62 Resp: 180681

Ion Ratio Lower Upper

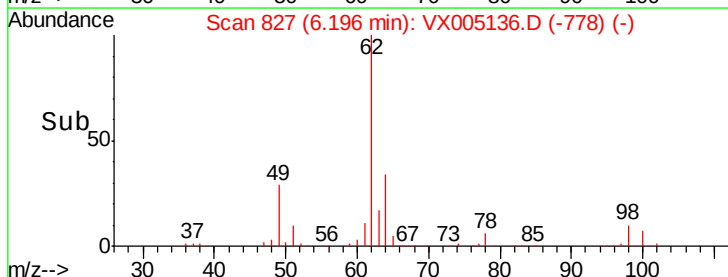
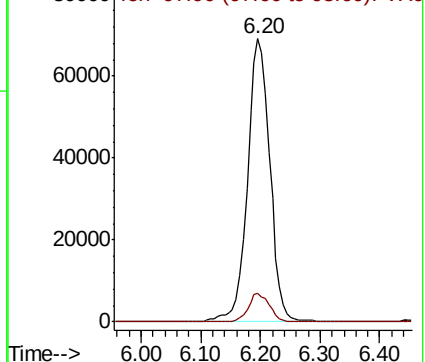
62 100

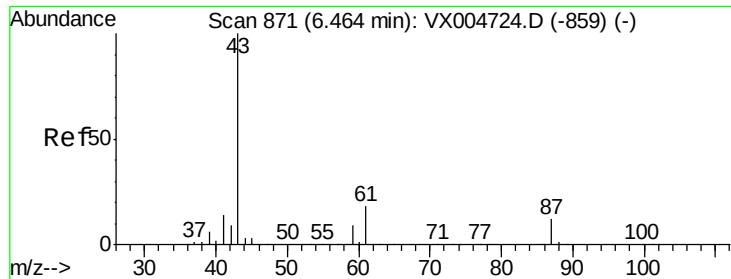
98 9.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.276 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

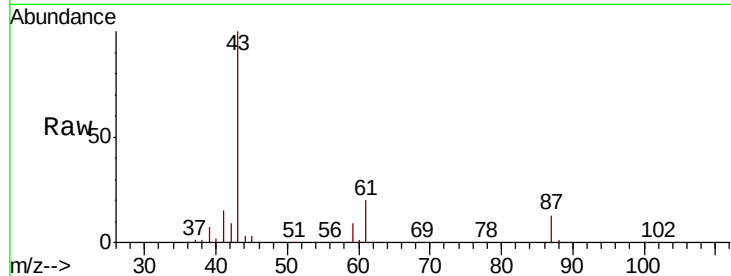
Tot Ion: 43 Resp: 303665

Ion Ratio Lower Upper

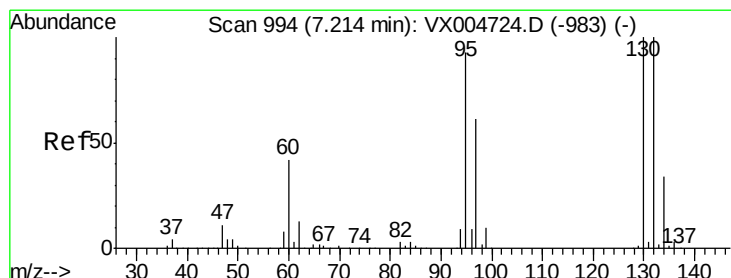
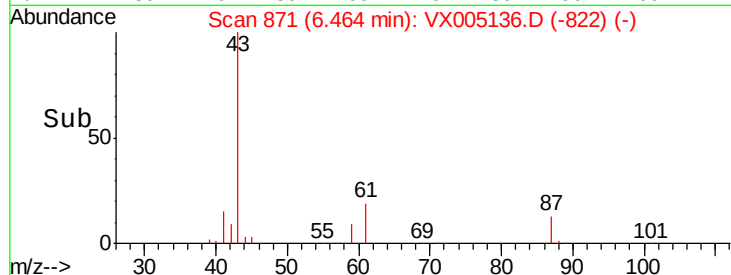
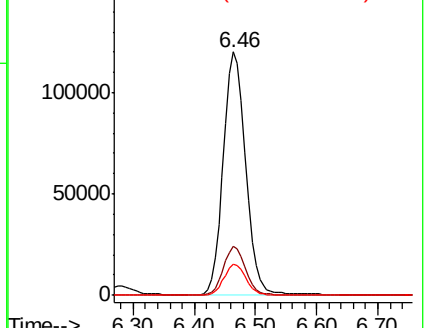
43 100

61 19.9 14.2 21.4

87 12.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 220.497 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005136.D

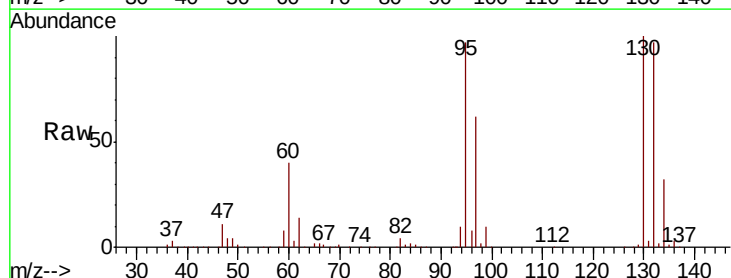
Acq: 08 Oct 2018 19:09

Tgt Ion:130 Resp: 581232

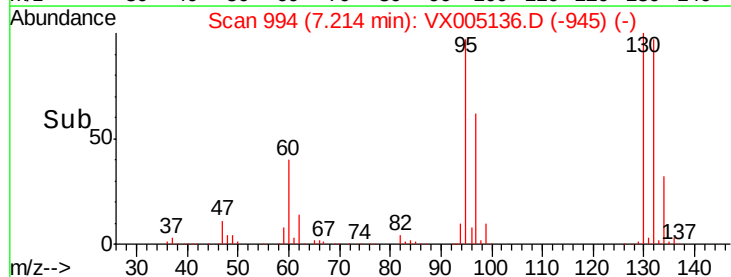
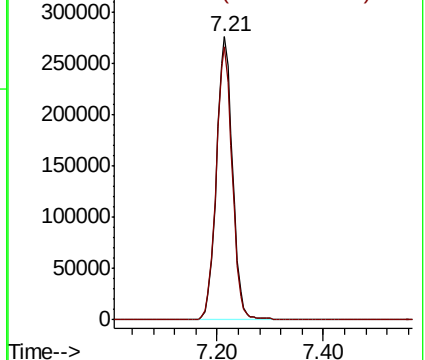
Ion Ratio Lower Upper

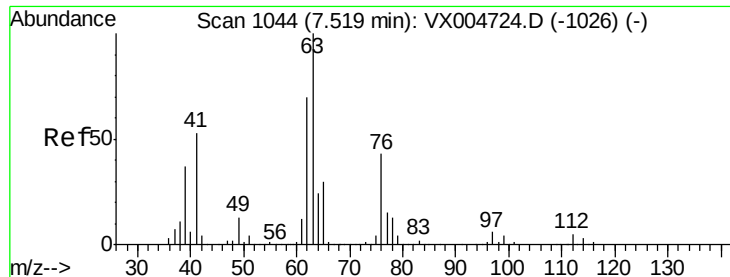
130 100

95 96.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

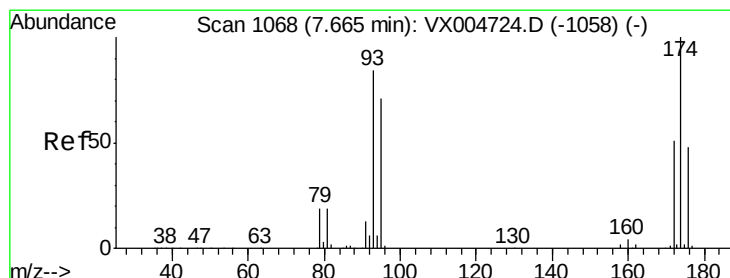
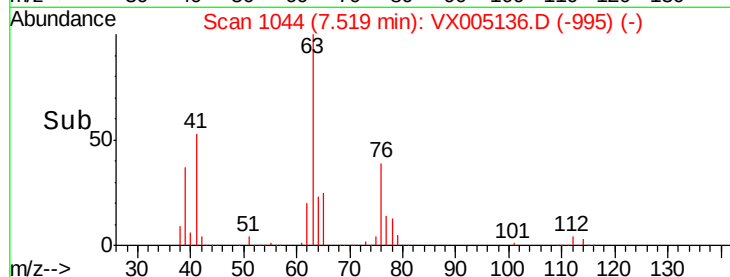
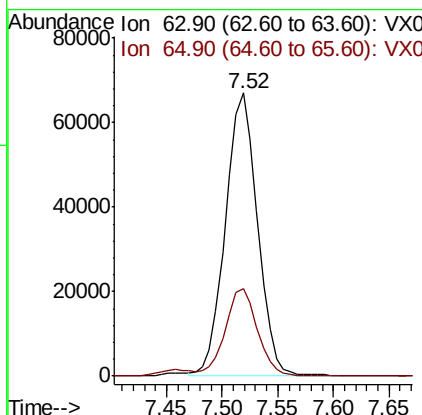
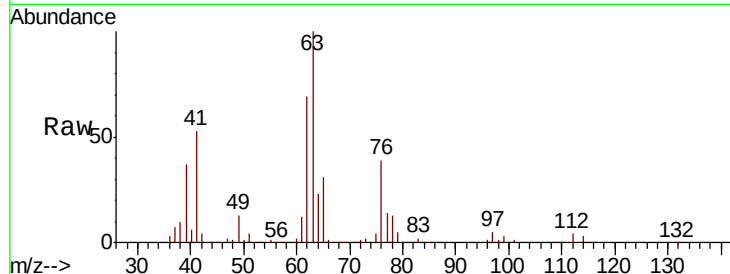




#45
 1,2-Dichloropropane
 Concen: 50.862 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

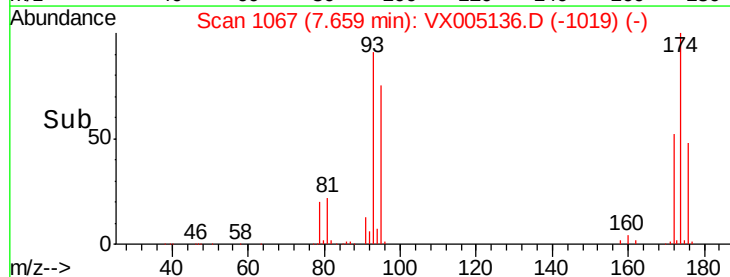
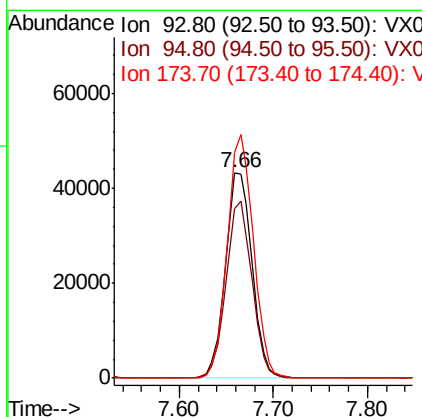
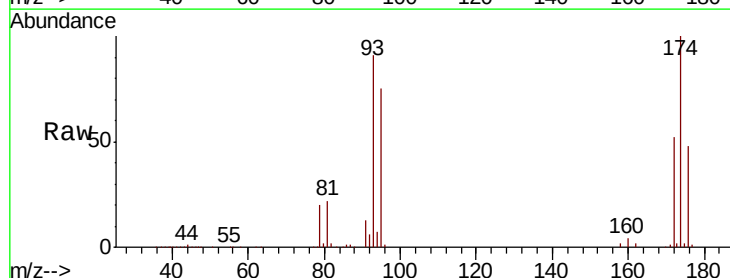
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

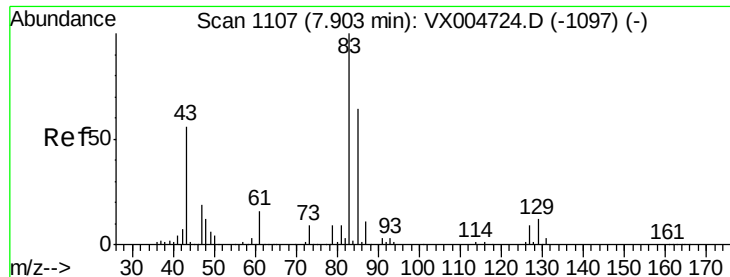
Tot Ion: 63 Resp: 133746
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.9 35.9



#46
 Dibromomethane
 Concen: 51.395 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion: 93 Resp: 84934
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 116.9 92.7 139.1





#47

Bromodichloromethane

Concen: 53.640 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

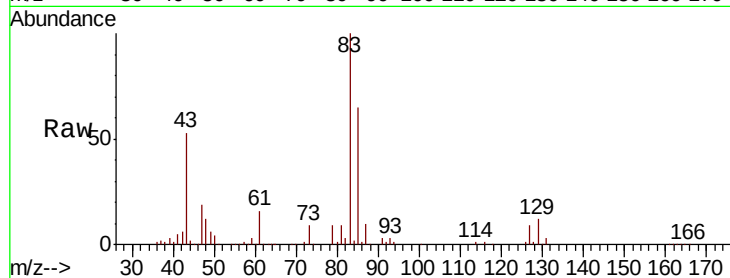
Tot Ion: 83 Resp: 165968

Ion Ratio Lower Upper

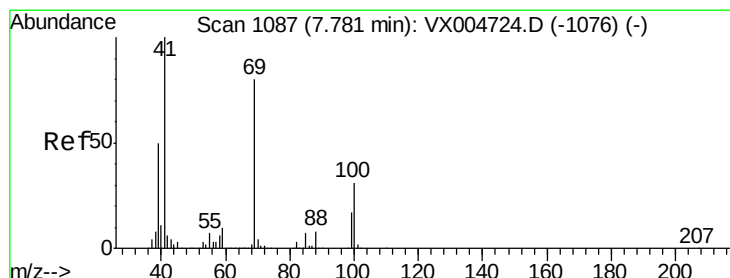
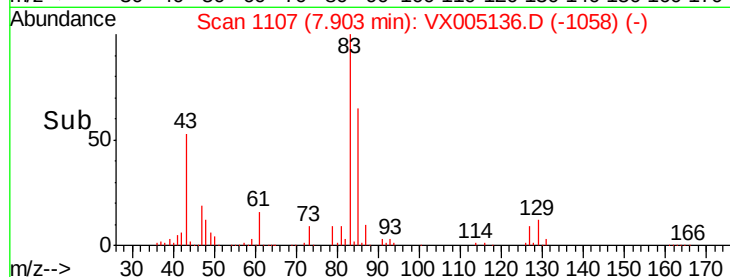
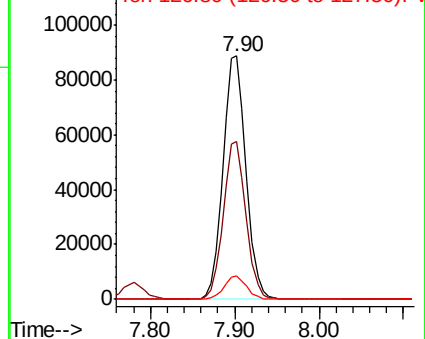
83 100

85 65.0 51.2 76.8

127 9.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.155 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

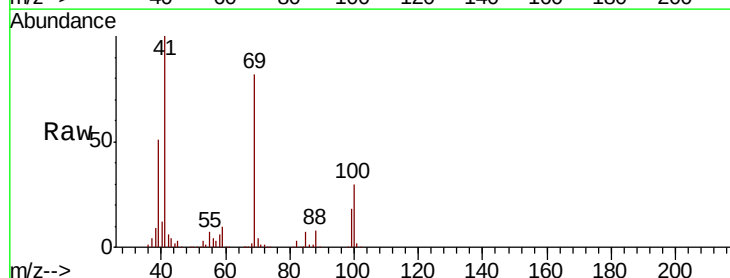
Tgt Ion: 41 Resp: 170233

Ion Ratio Lower Upper

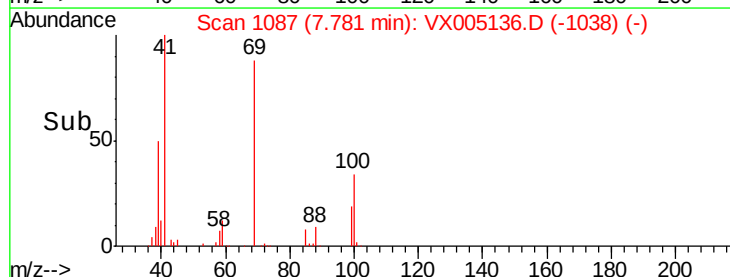
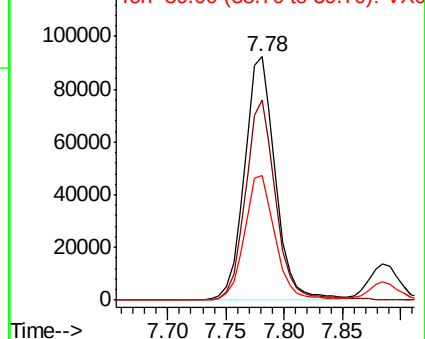
41 100

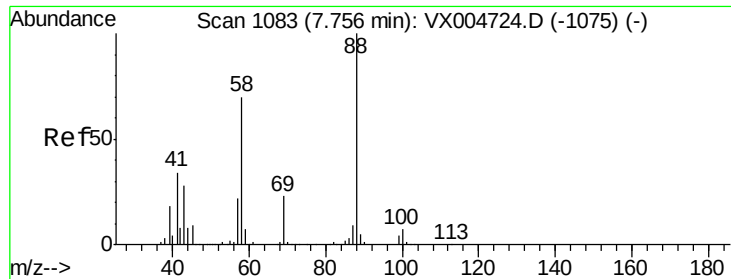
69 81.0 63.8 95.6

39 51.0 40.7 61.1



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

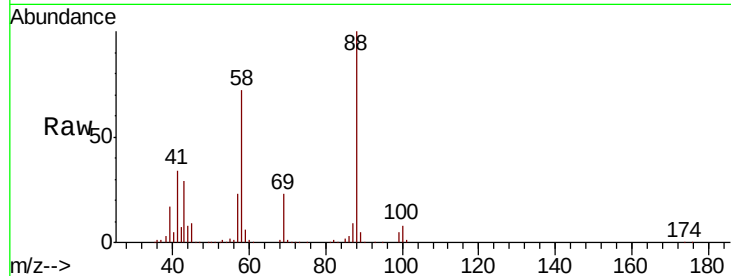




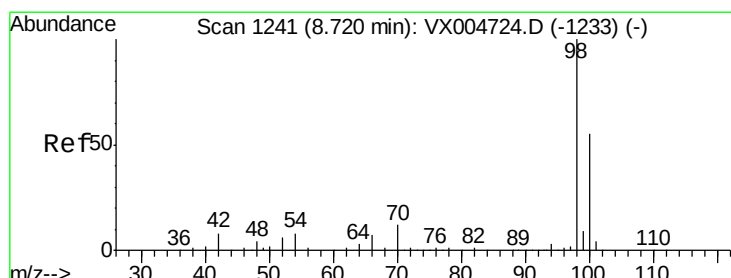
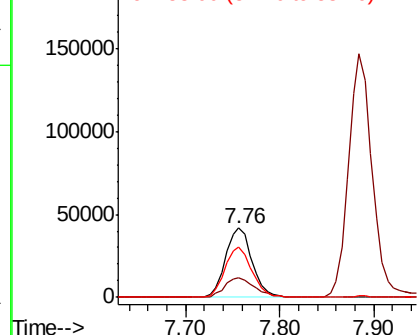
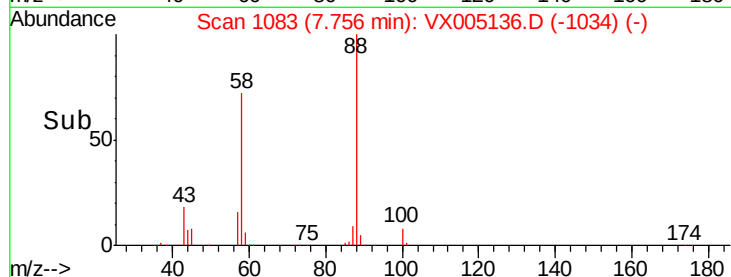
#49
1,4-Dioxane
Concen: 1103.935 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

Tot Ion: 88 Resp: 81687
Ion Ratio Lower Upper
88 100
43 31.7 25.1 37.7
58 73.6 56.2 84.2

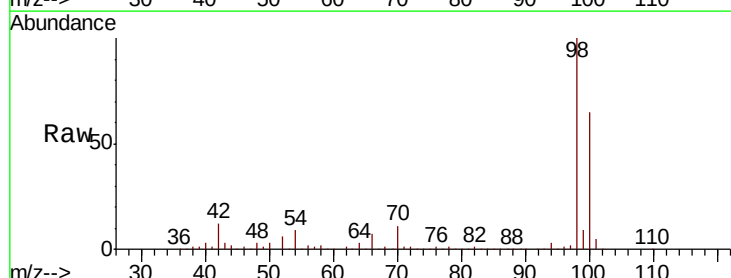


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

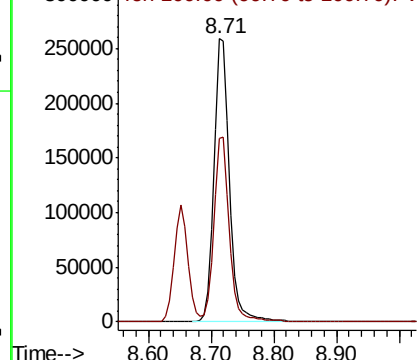
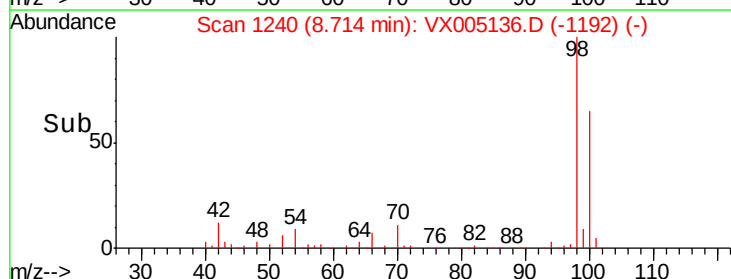


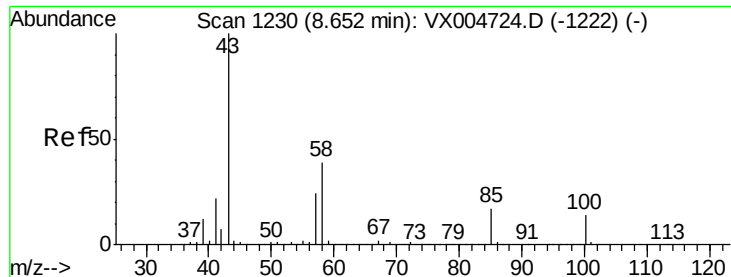
#50
Toluene-d8
Concen: 52.914 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 98 Resp: 441608
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

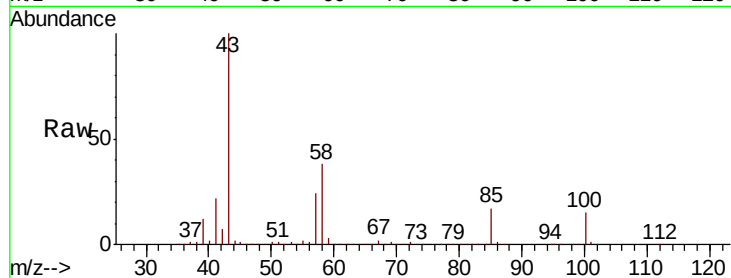




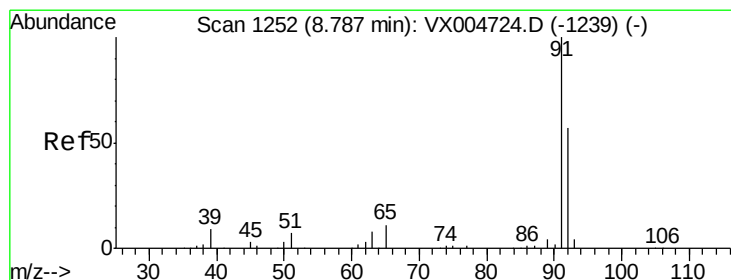
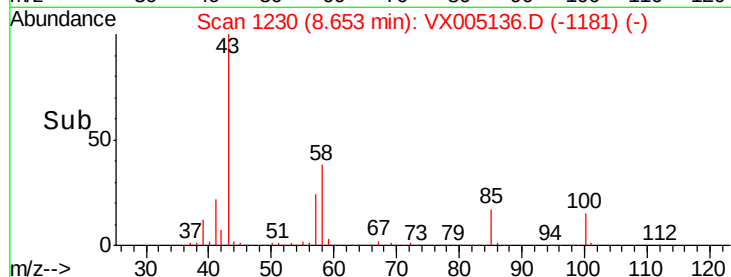
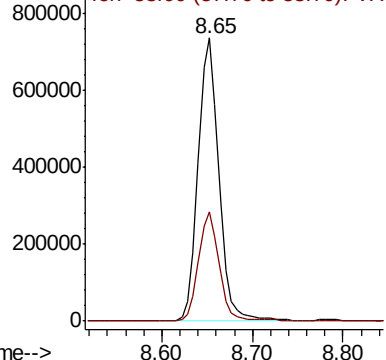
#51
4-Methyl-2-Pentanone
Concen: 284.947 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

Tot Ion: 43 Resp: 1177348
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7

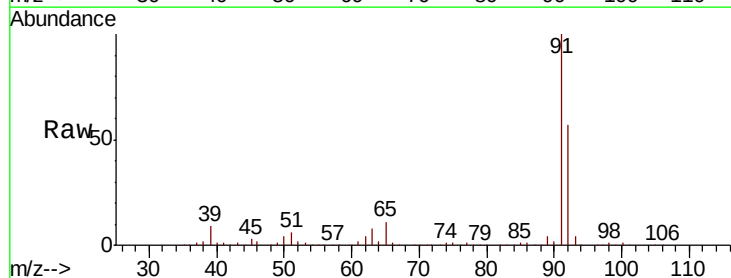


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

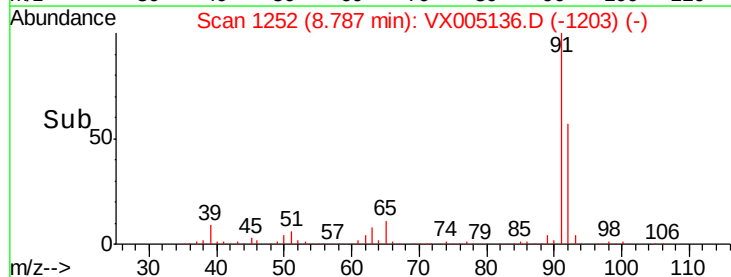
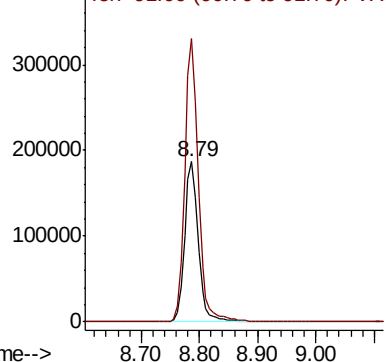


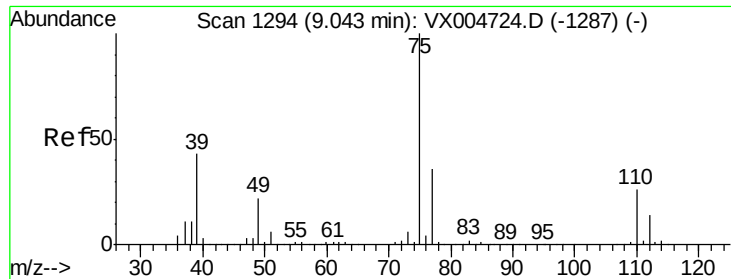
#52
Toluene
Concen: 51.428 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 92 Resp: 303018
Ion Ratio Lower Upper
92 100
91 175.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

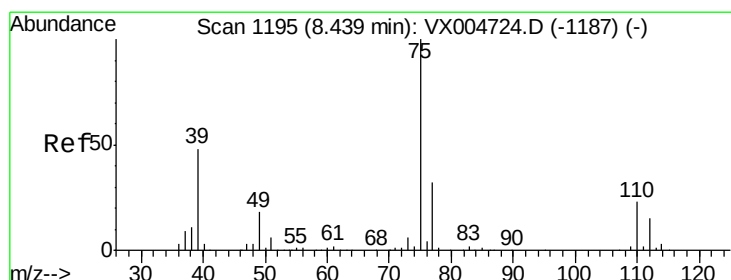
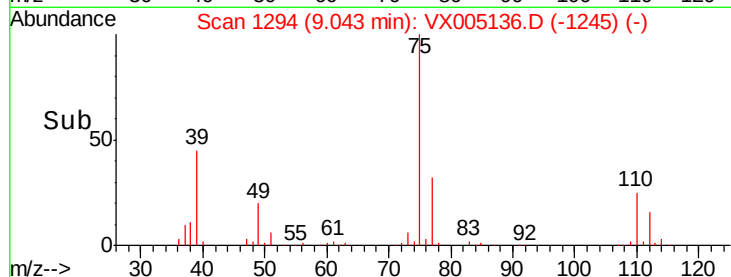
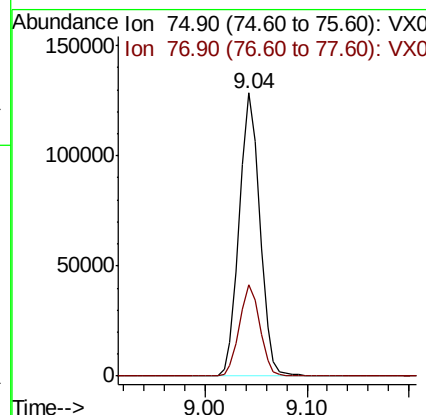
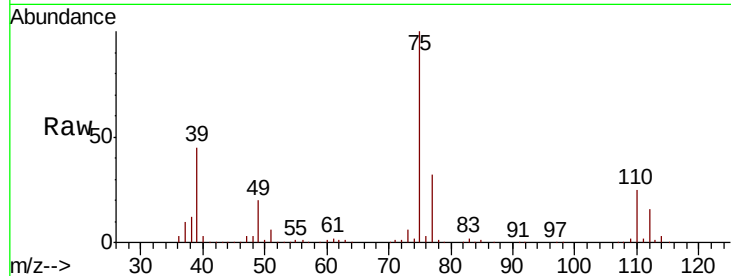




#53
 t-1,3-Dichloropropene
 Concen: 51.270 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

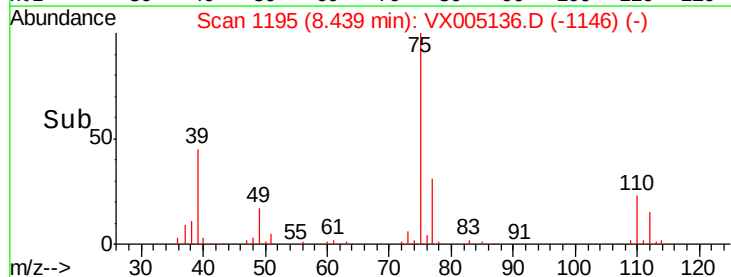
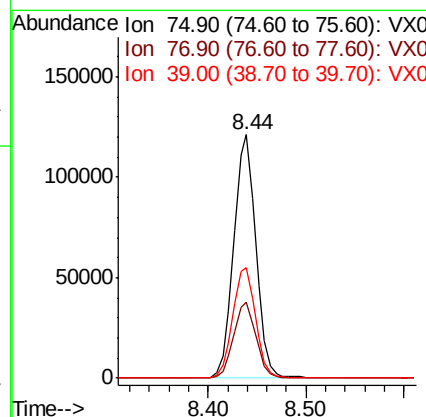
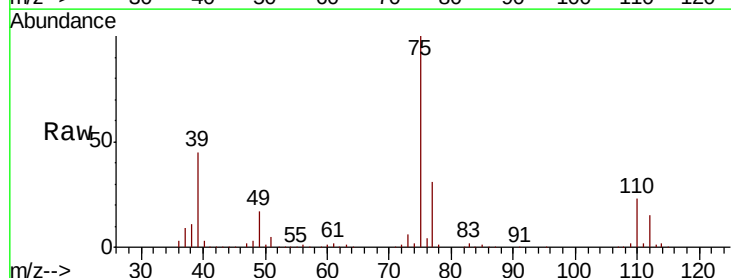
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

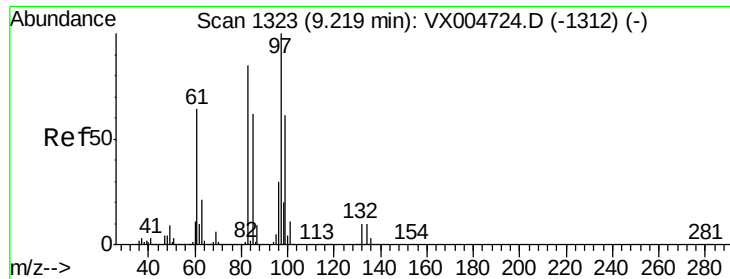
Tot Ion: 75 Resp: 179261
 Ion Ratio Lower Upper
 75 100
 77 32.1 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.921 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion: 75 Resp: 190149
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 45.2 38.3 57.5



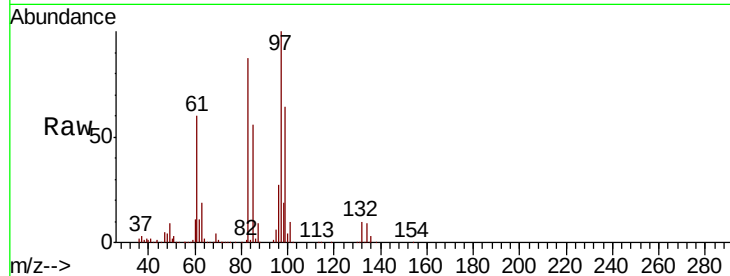


#55
 1,1,2-Trichloroethane
 Concen: 51.070 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

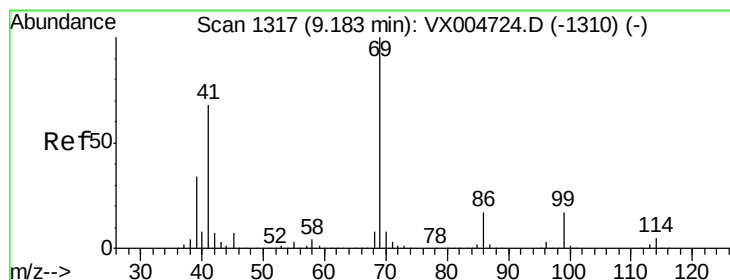
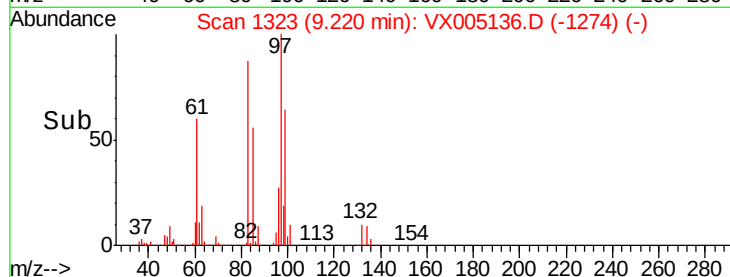
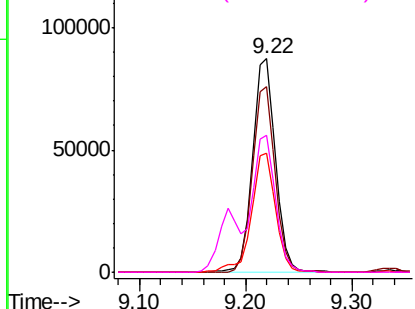
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

Tot Ion: 97 Resp: 131808

Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.2
85	56.0	49.9	74.9
99	63.9	48.9	73.3



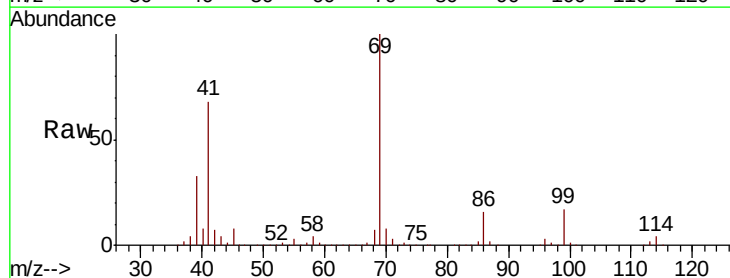
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



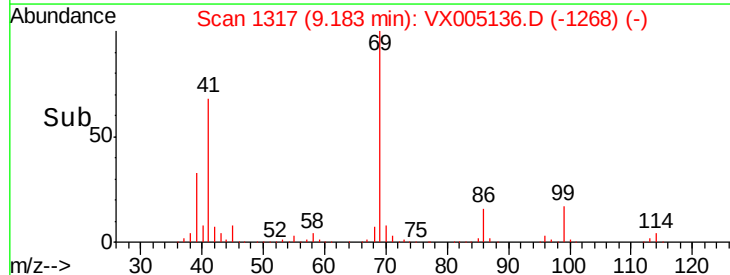
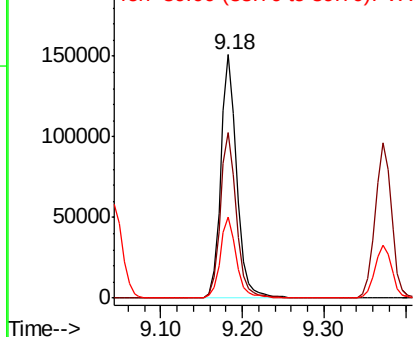
#56
 Ethyl methacrylate
 Concen: 49.226 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

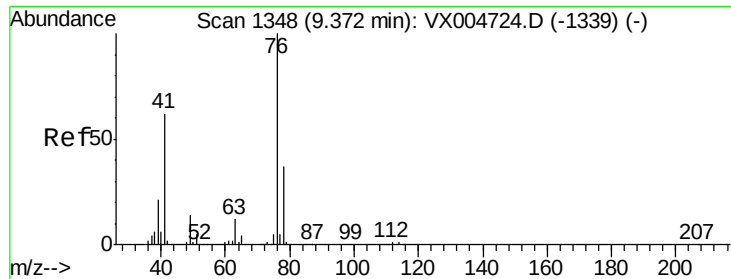
Tgt Ion: 69 Resp: 205966

Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.9	85.3
39	33.7	28.4	42.6



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

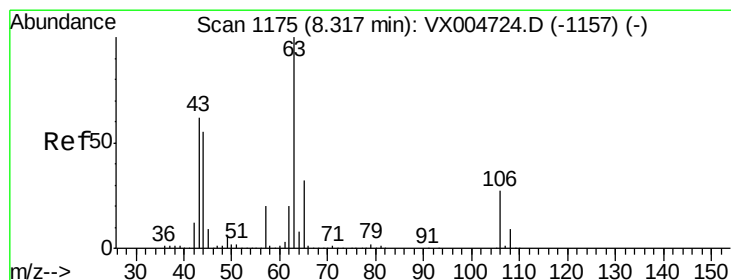
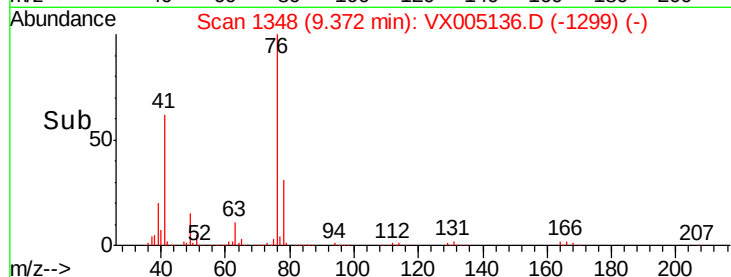
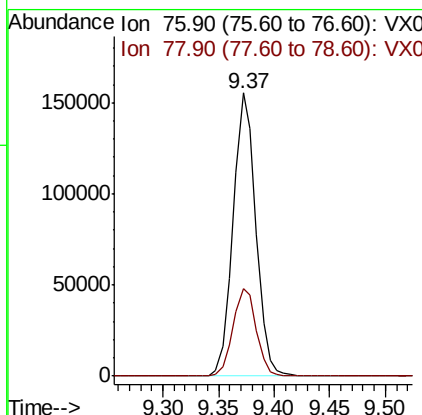
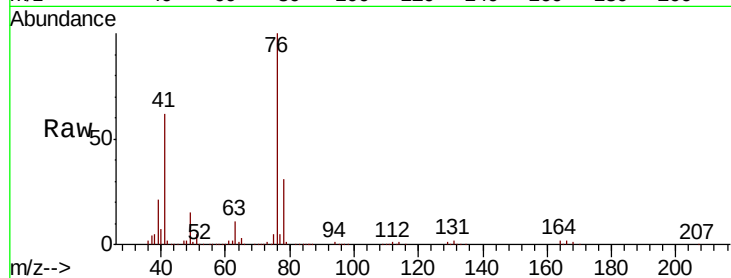




#57
 1,3-Dichloropropane
 Concen: 51.098 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

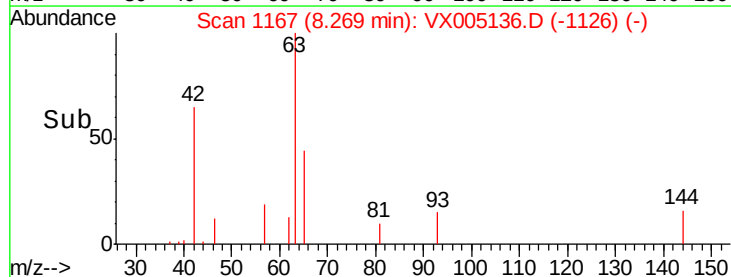
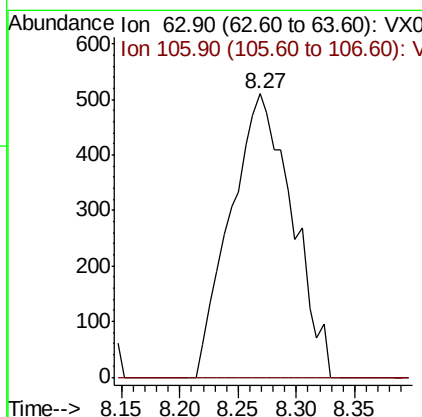
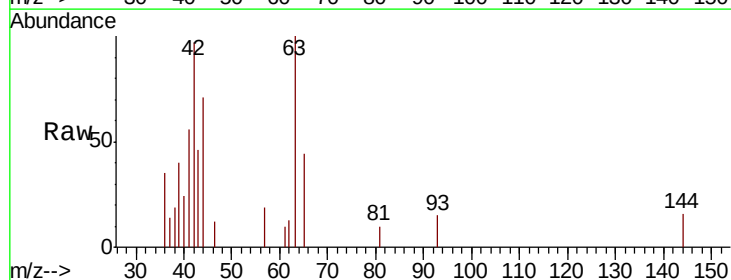
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

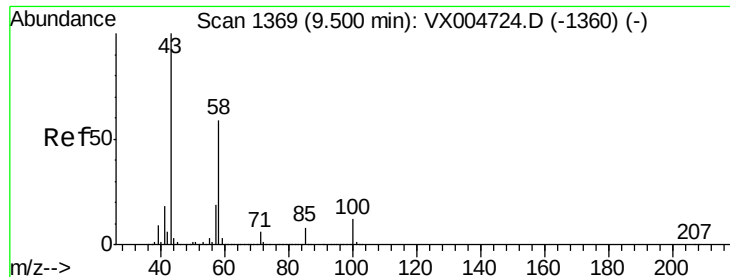
Tot Ion: 76 Resp: 219489
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.036 ug/l
 RT: 8.27 min Scan# 1167
 Delta R.T. -0.05 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion: 63 Resp: 1873
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#

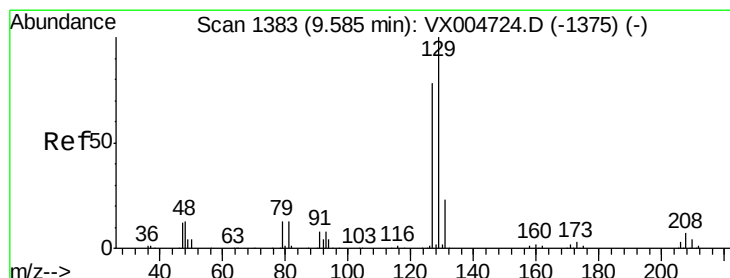
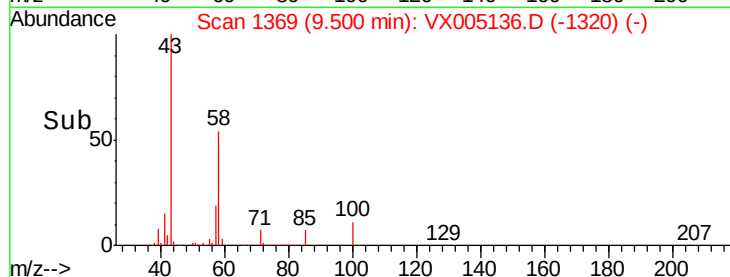
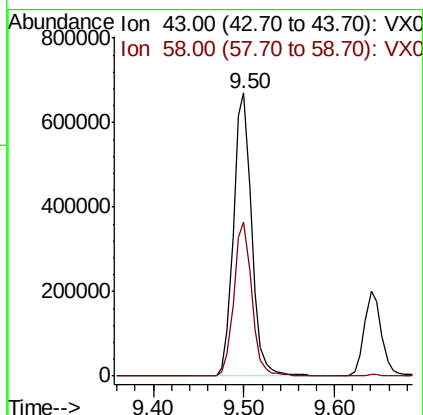
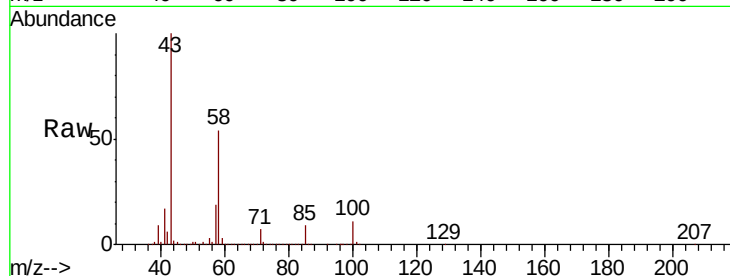




#59
2-Hexanone
Concen: 270.864 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

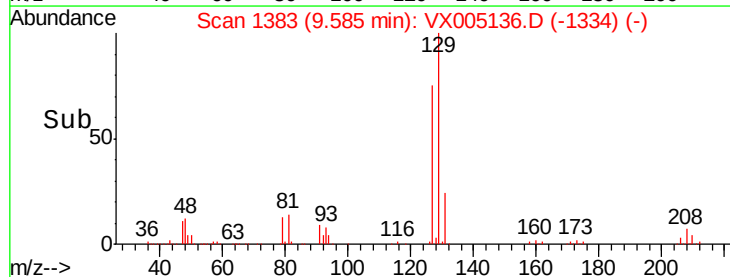
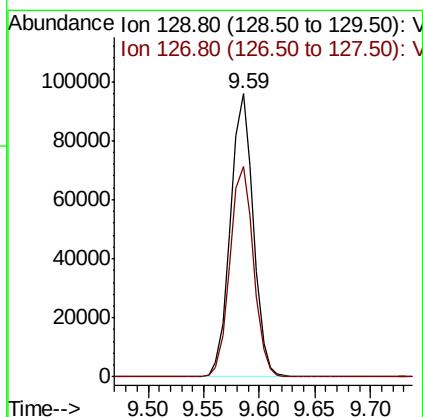
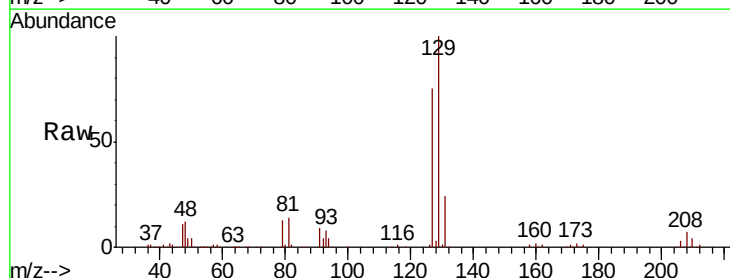
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

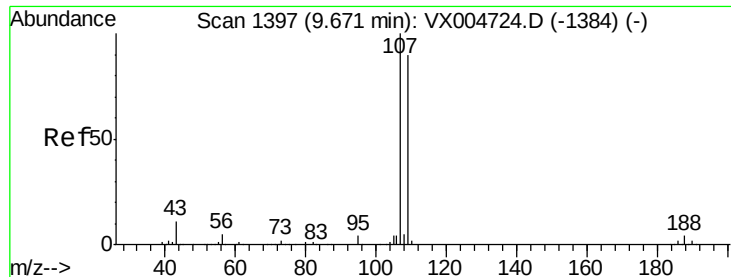
Tot Ion: 43 Resp: 932614
Ion Ratio Lower Upper
43 100
58 53.7 28.4 85.3



#60
Dibromochloromethane
Concen: 53.003 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 129 Resp: 136806
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.184 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

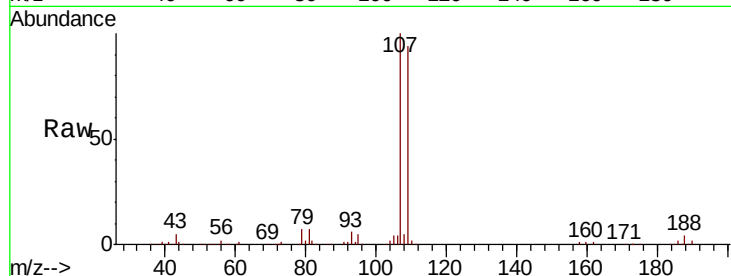
RE-125D2-2018001MSD

Tot Ion:107 Resp: 133182

Ion Ratio Lower Upper

107 100

109 94.7 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

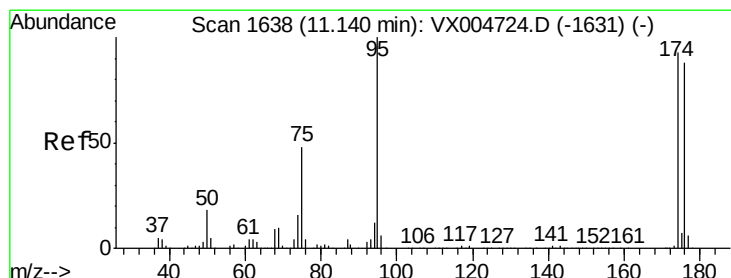
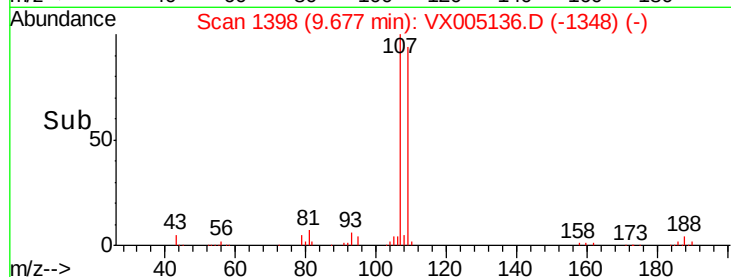
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.446 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

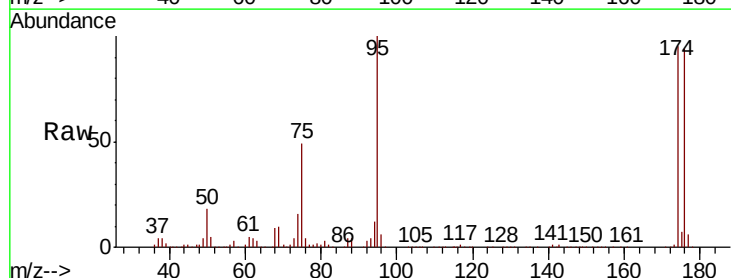
Tgt Ion: 95 Resp: 166703

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

176 90.7 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

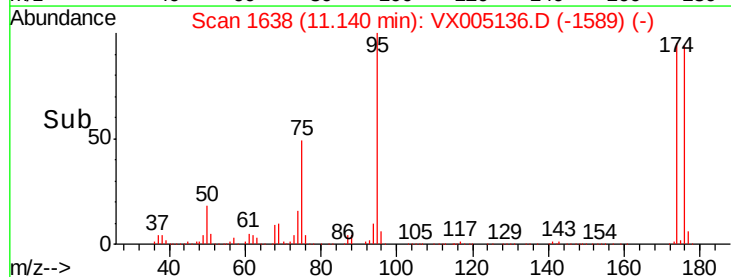
150000

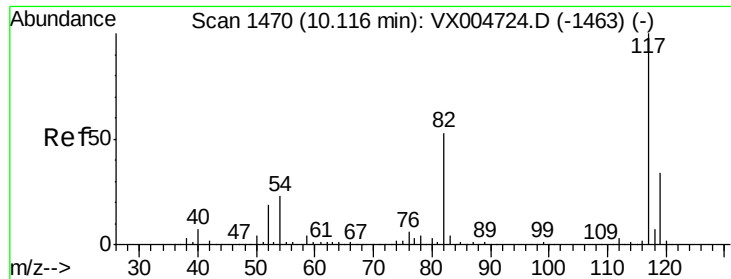
100000

50000

0

Time-->

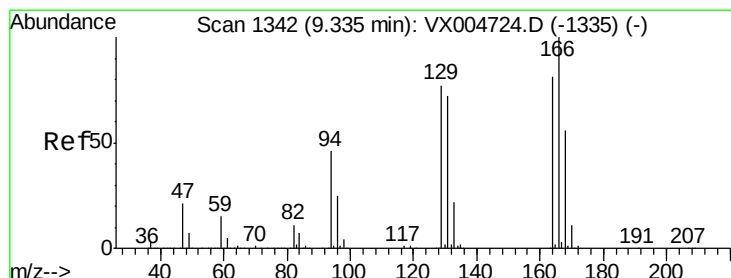
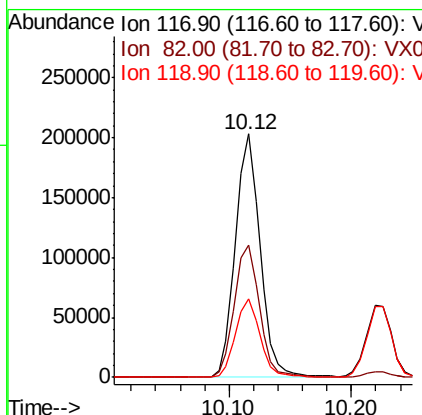
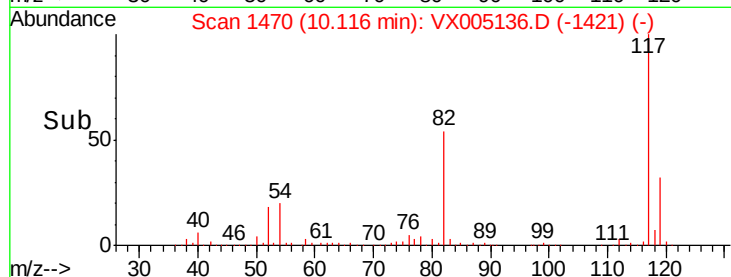
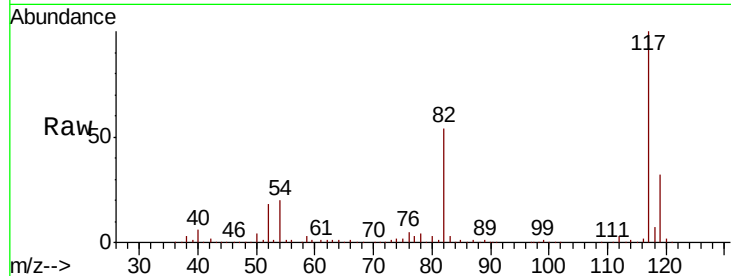




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

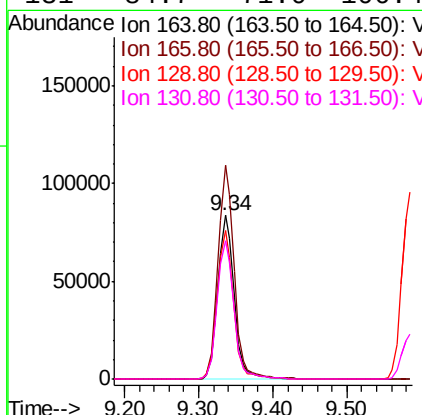
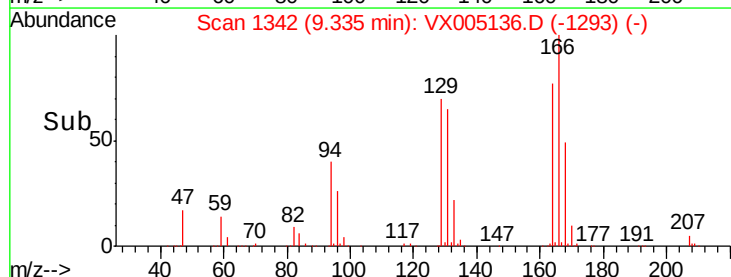
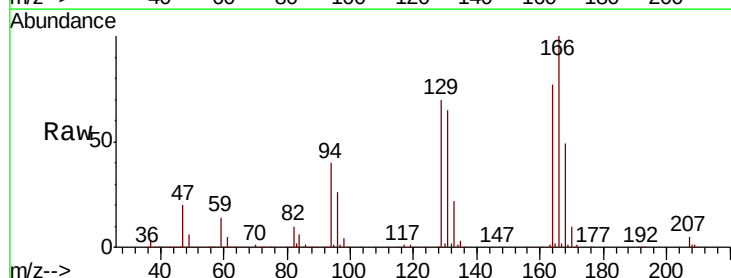
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

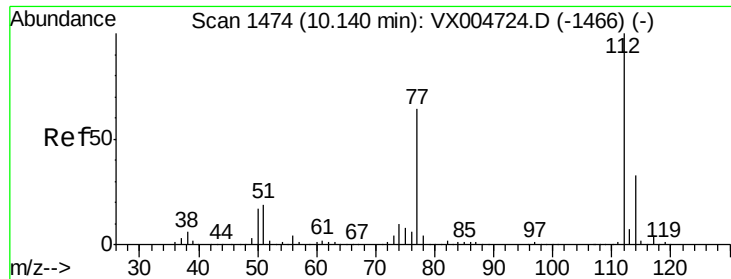
Tot Ion:117 Resp: 284395
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.2 27.4 41.0



#64
Tetrachloroethene
Concen: 45.415 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion:164 Resp: 127119
Ion Ratio Lower Upper
164 100
166 130.5 98.4 147.6
129 91.0 76.1 114.1
131 84.7 71.0 106.4

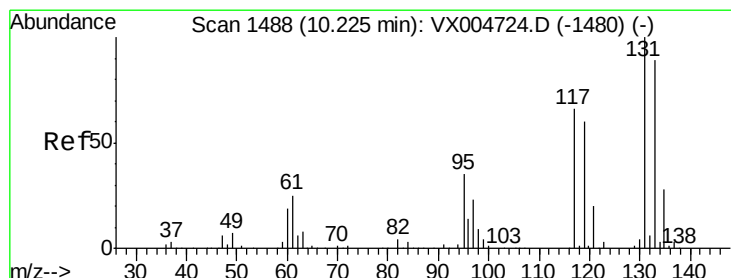
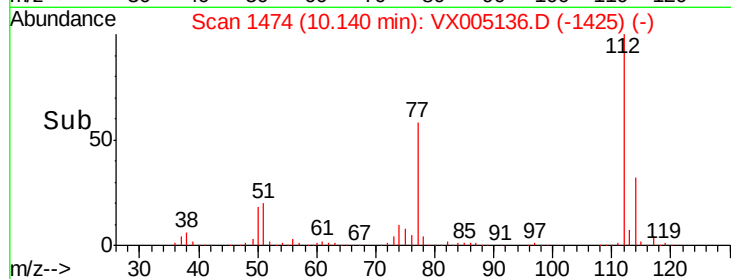
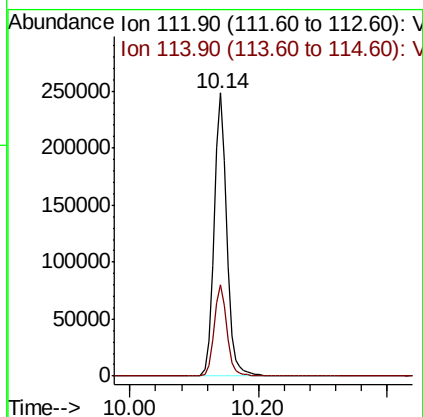
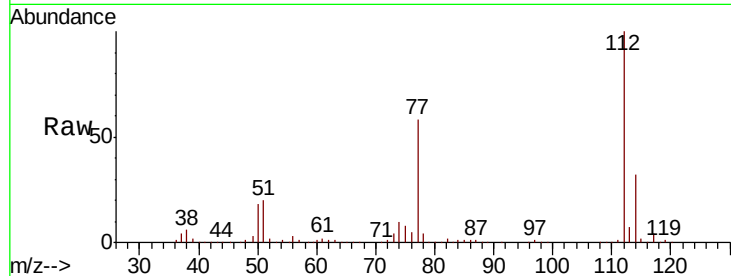




#65
Chlorobenzene
Concen: 47.338 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

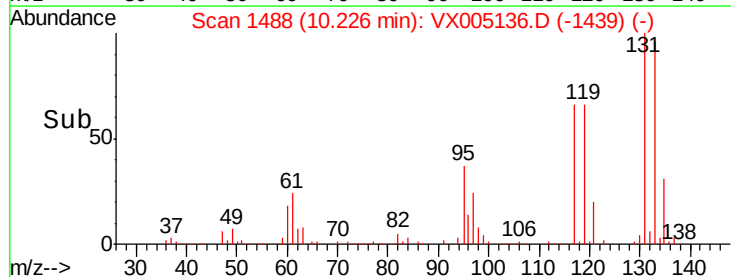
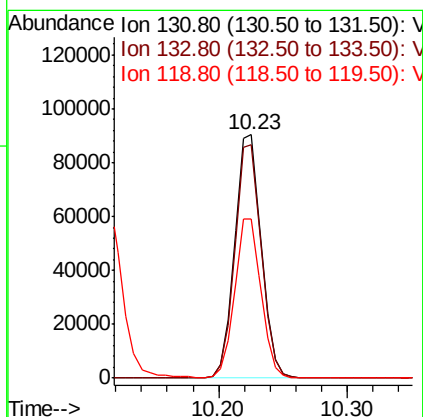
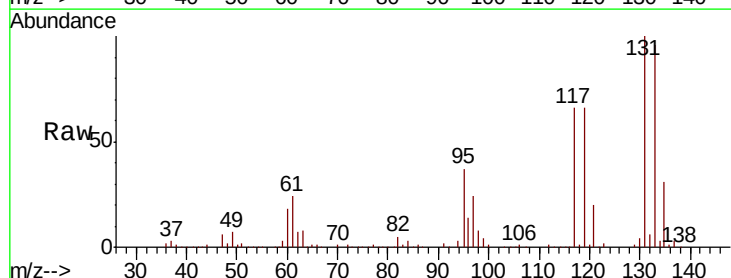
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

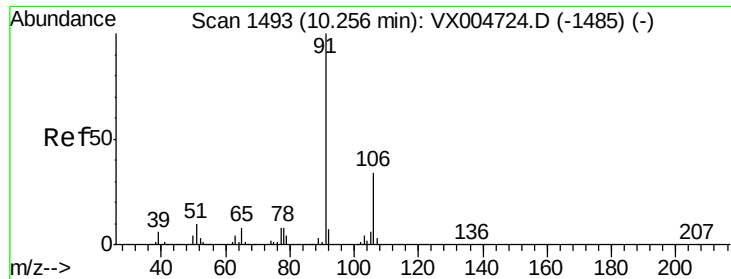
Tot Ion:112 Resp: 345221
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.555 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion:131 Resp: 129612
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 64.9 32.3 96.8





#67

Ethyl Benzene

Concen: 50.749 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

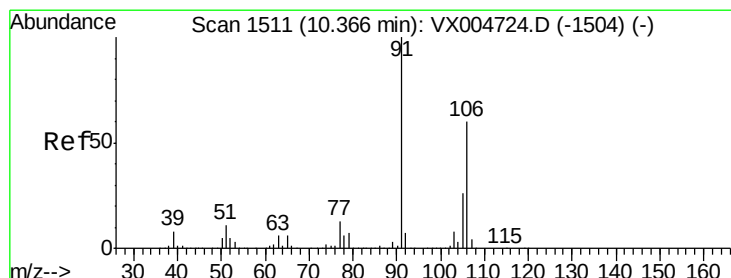
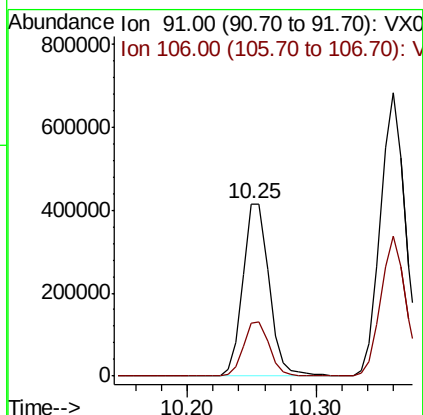
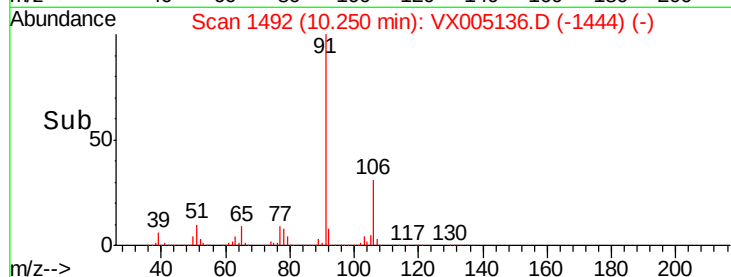
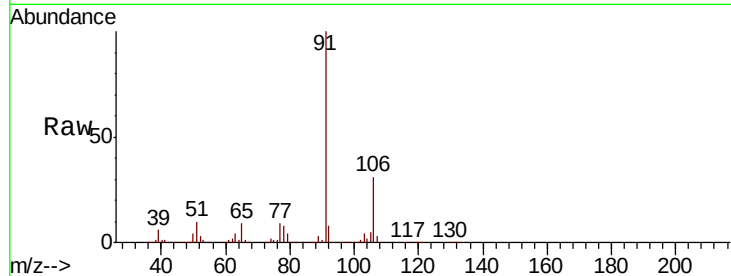
RE-125D2-2018001MSD

Tot Ion: 91 Resp: 587580

Ion Ratio Lower Upper

91 100

106 30.7 26.9 40.3



#68

m/p-Xylenes

Concen: 101.297 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005136.D

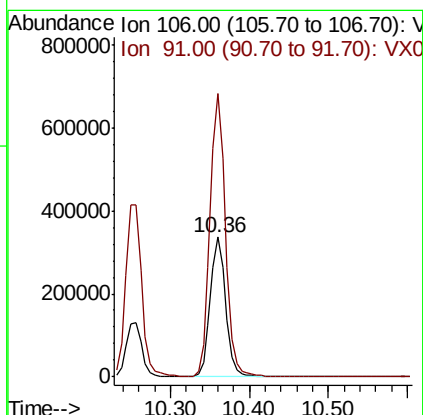
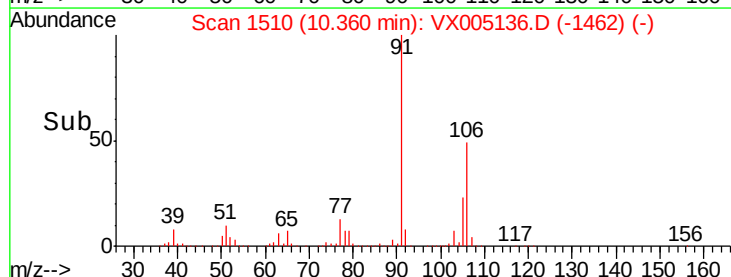
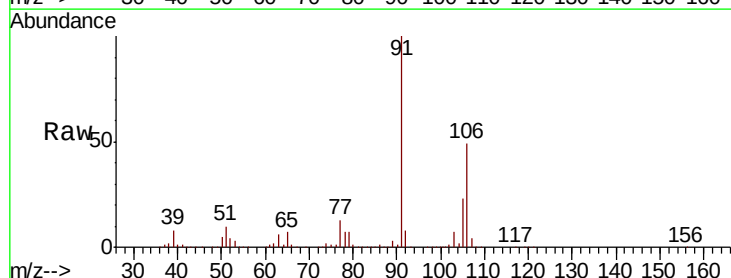
Acq: 08 Oct 2018 19:09

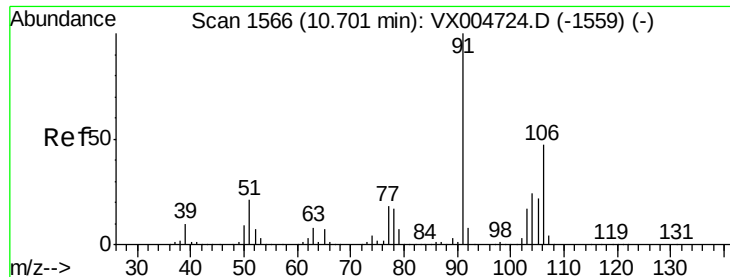
Tgt Ion: 106 Resp: 458307

Ion Ratio Lower Upper

106 100

91 203.7 157.5 236.3

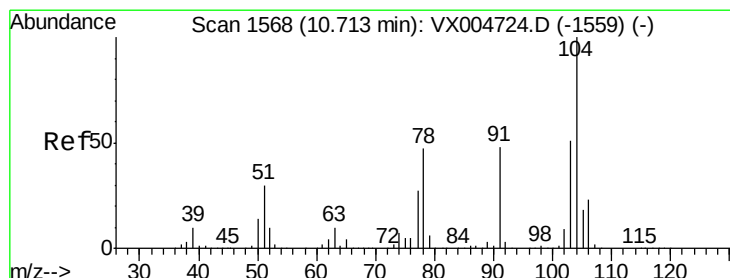
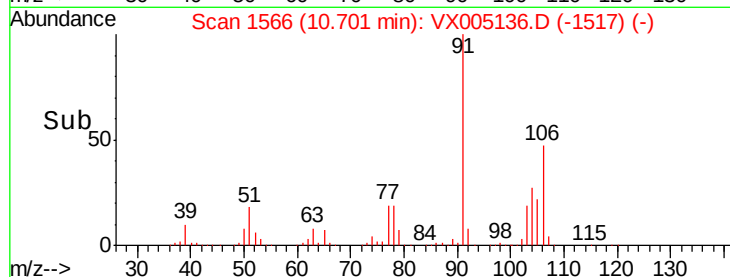
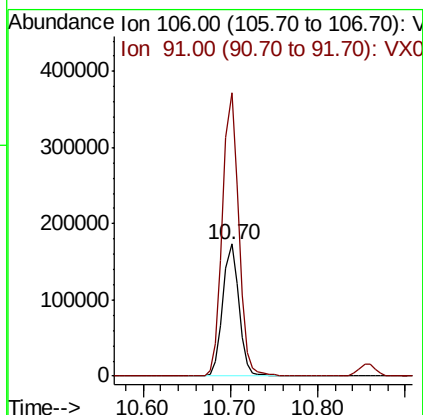
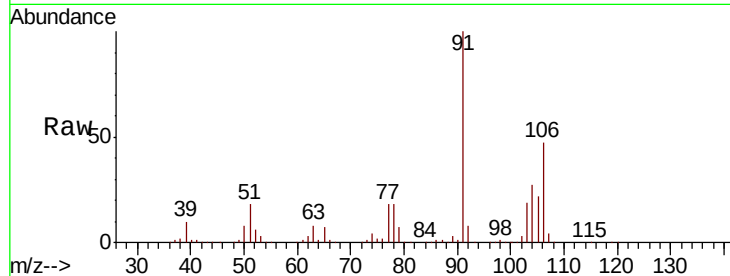




#69
o-Xylene
Concen: 53.369 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

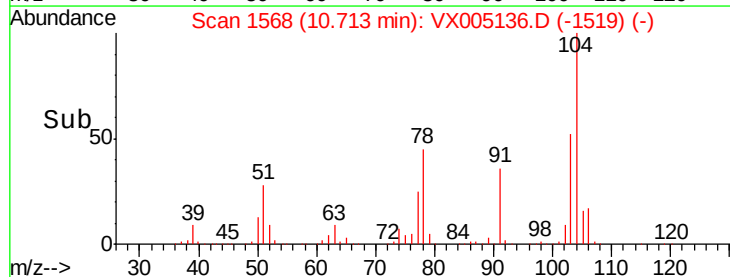
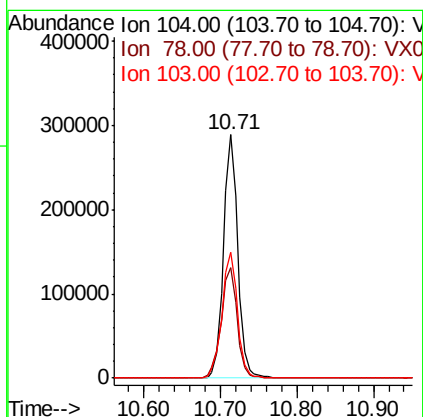
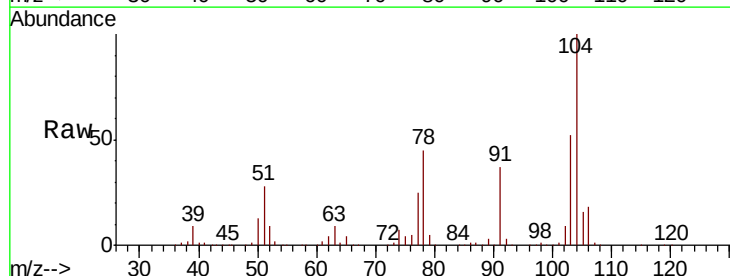
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

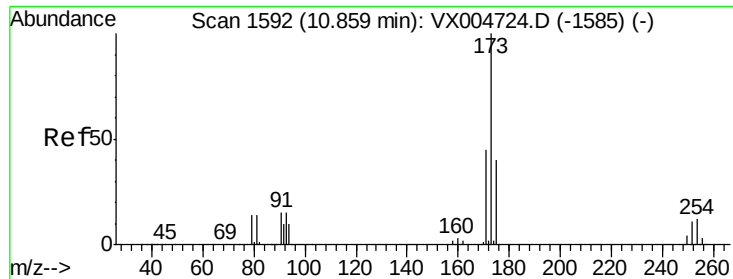
Tot Ion:106 Resp: 221780
Ion Ratio Lower Upper
106 100
91 215.4 108.3 324.8



#70
Styrene
Concen: 48.172 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion:104 Resp: 373770
Ion Ratio Lower Upper
104 100
78 50.5 40.0 60.0
103 56.4 44.3 66.5





#71

Bromoform

Concen: 51.915 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

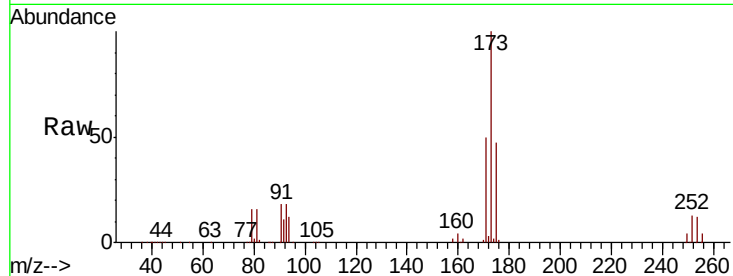
Tot Ion:173 Resp: 113950

Ion Ratio Lower Upper

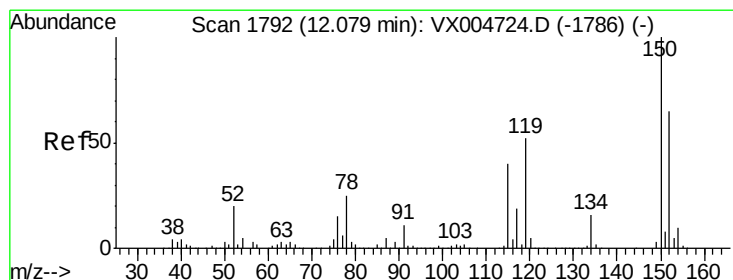
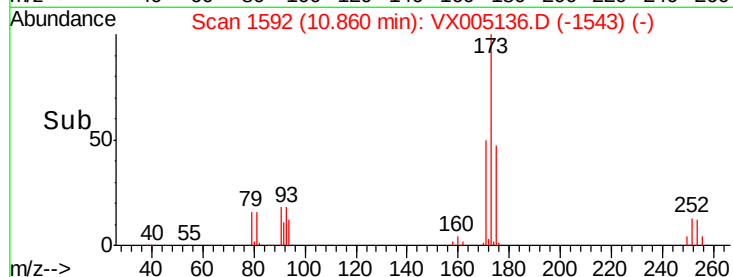
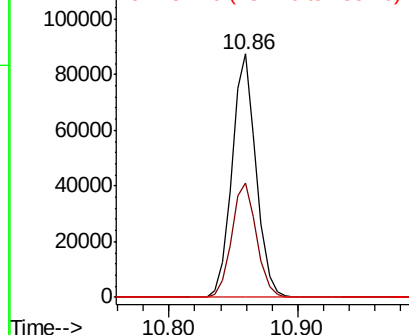
173 100

175 48.5 23.3 69.8

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# 1792

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

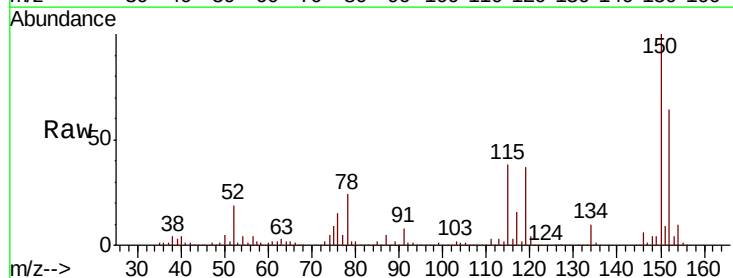
Tgt Ion:152 Resp: 178844

Ion Ratio Lower Upper

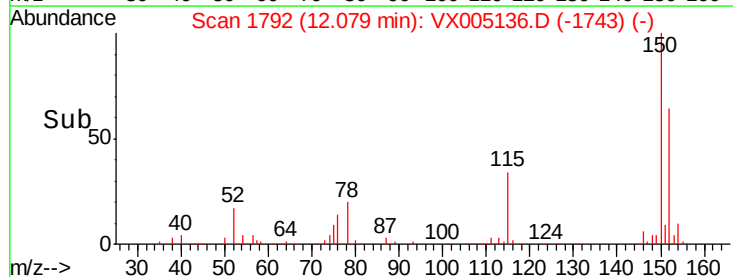
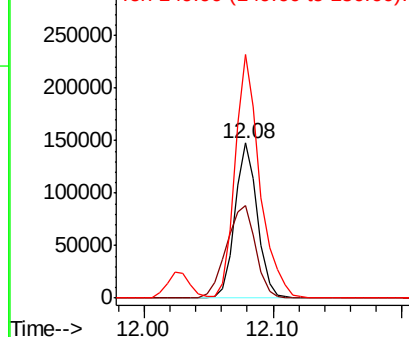
152 100

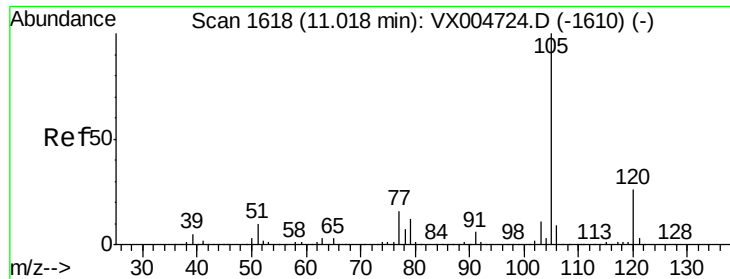
115 78.1 40.2 120.6

150 173.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.615 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

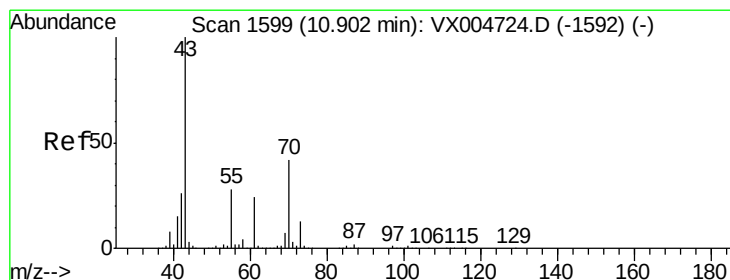
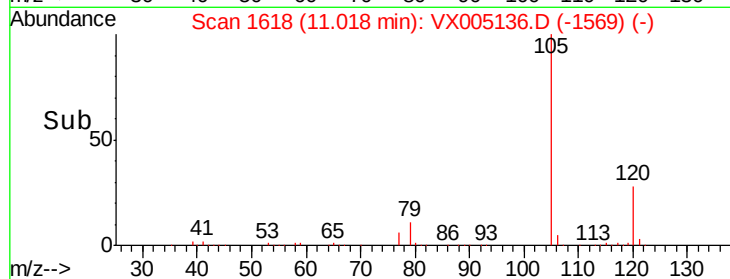
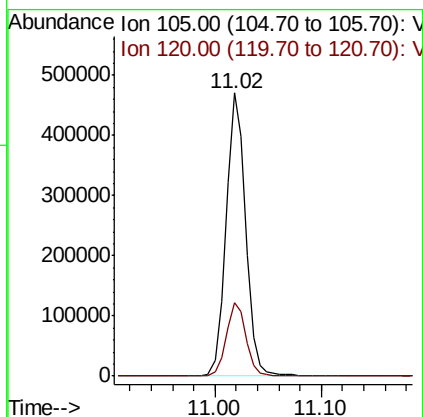
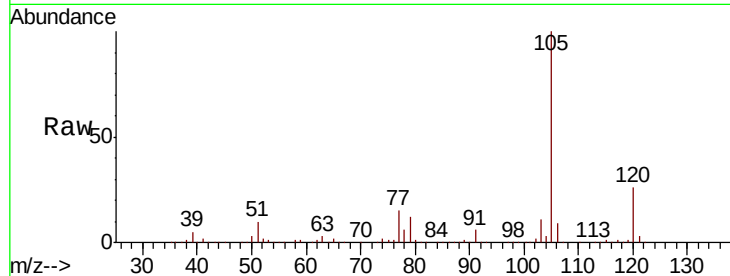
RE-125D2-2018001MSD

Tot Ion: 105 Resp: 604390

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 42.307 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Tgt Ion: 43 Resp: 260410

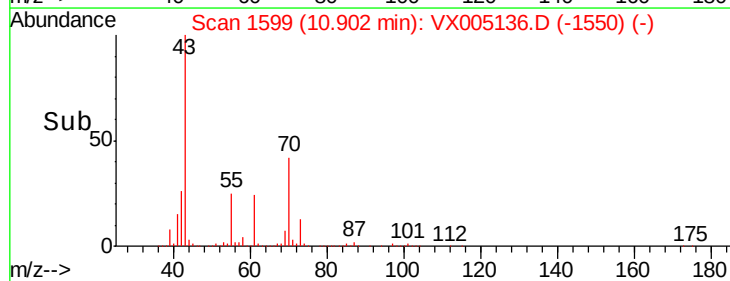
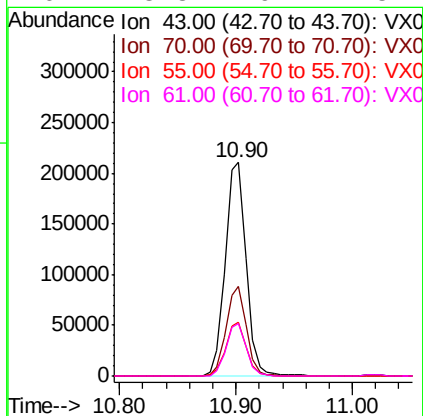
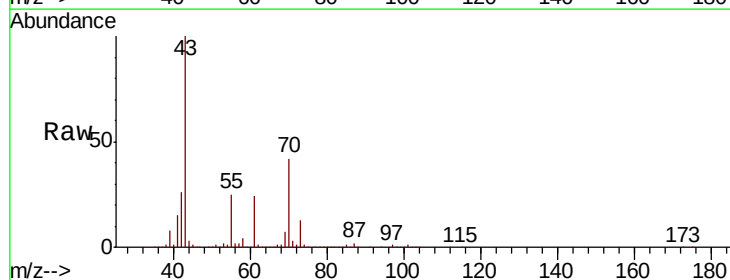
Ion Ratio Lower Upper

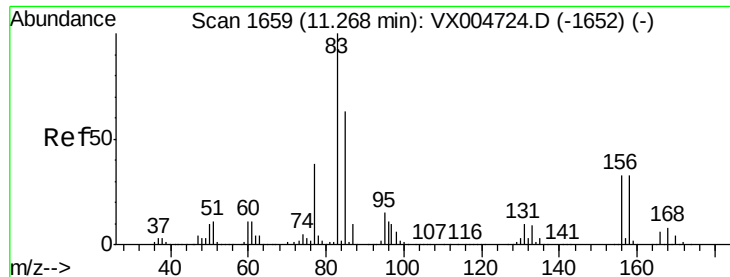
43 100

70 41.0 32.6 48.8

55 25.1 21.6 32.4

61 23.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.728 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

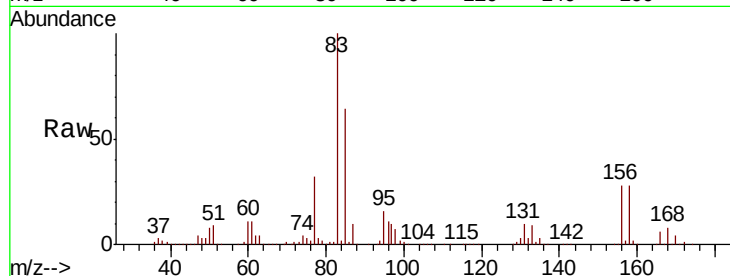
Tot Ion: 83 Resp: 219015

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

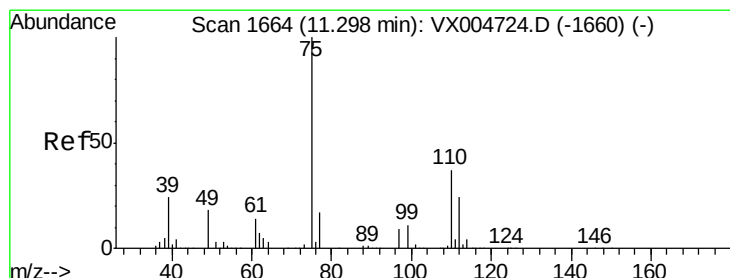
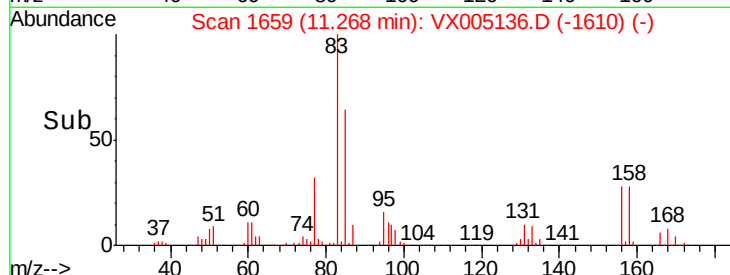
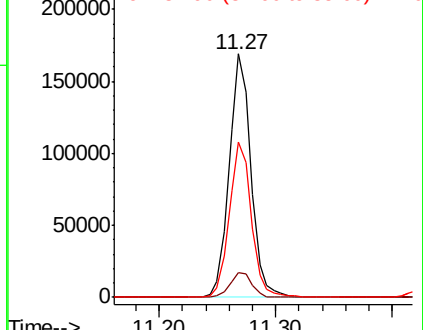
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.055 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005136.D

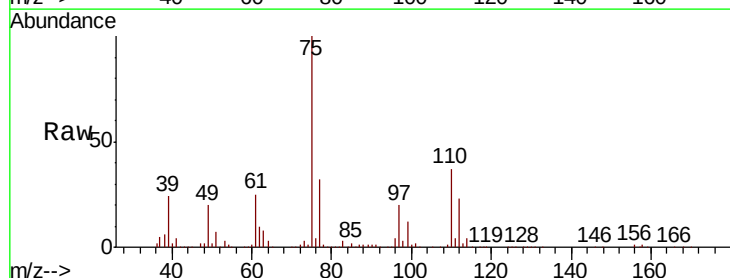
Acq: 08 Oct 2018 19:09

Tgt Ion: 75 Resp: 244740

Ion Ratio Lower Upper

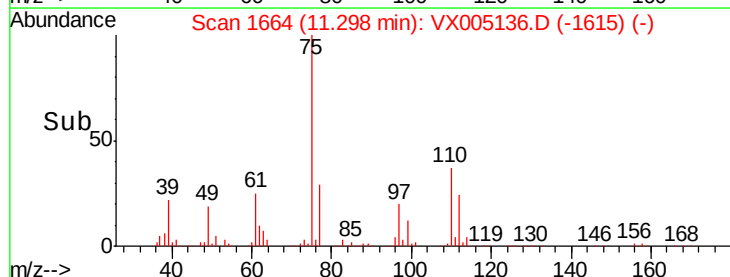
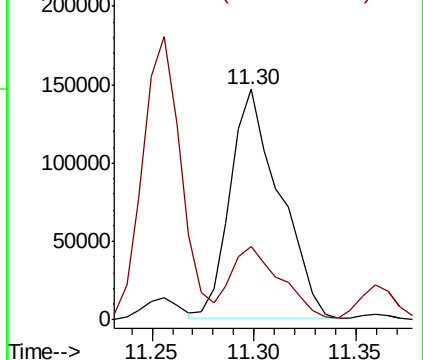
75 100

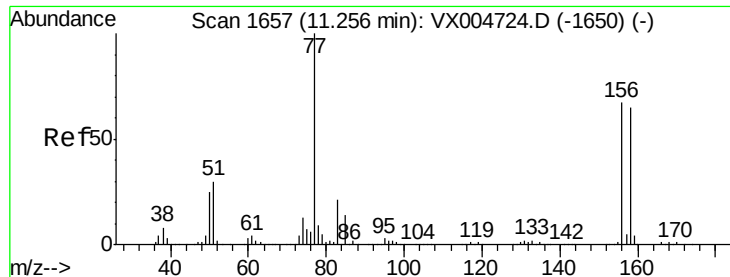
77 32.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.250 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

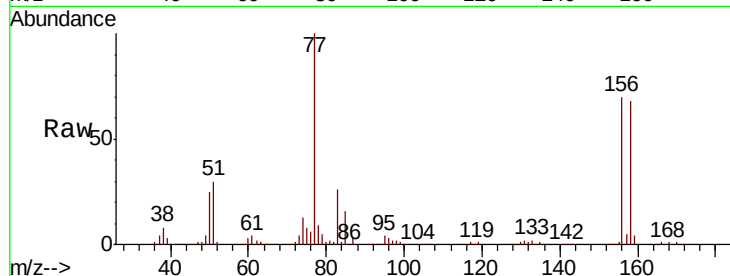
Tot Ion:156 Resp: 161259

Ion Ratio Lower Upper

156 100

77 146.8 73.4 220.2

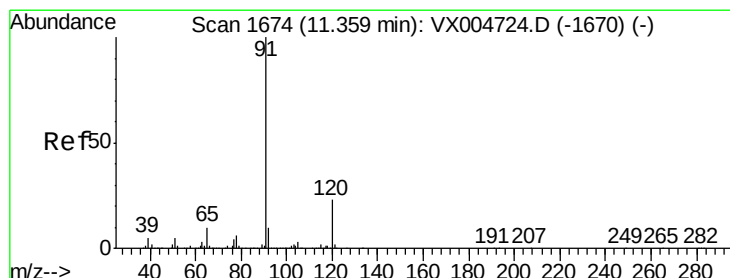
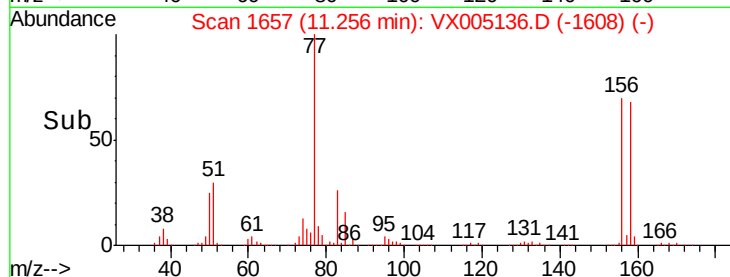
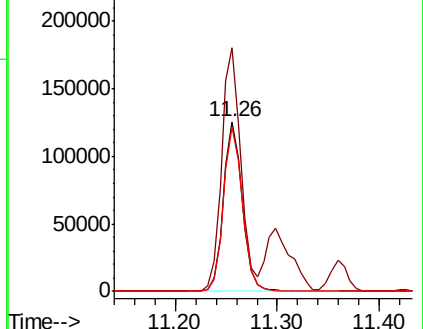
158 98.0 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.649 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005136.D

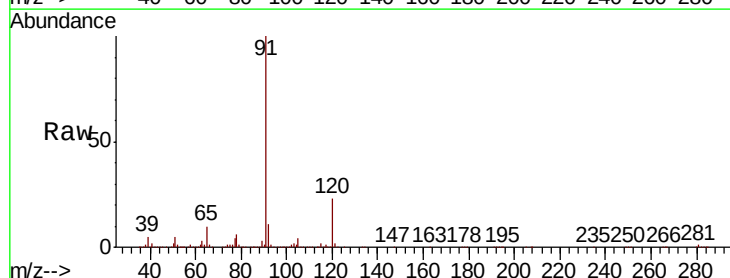
Acq: 08 Oct 2018 19:09

Tgt Ion: 91 Resp: 693906

Ion Ratio Lower Upper

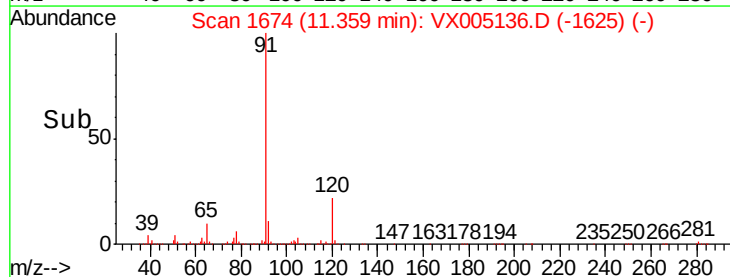
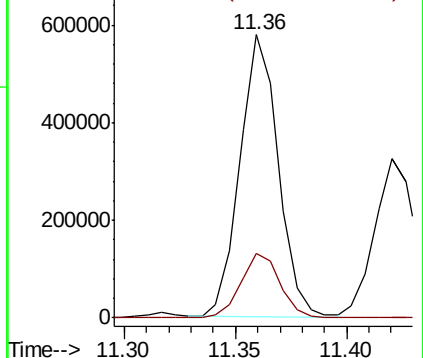
91 100

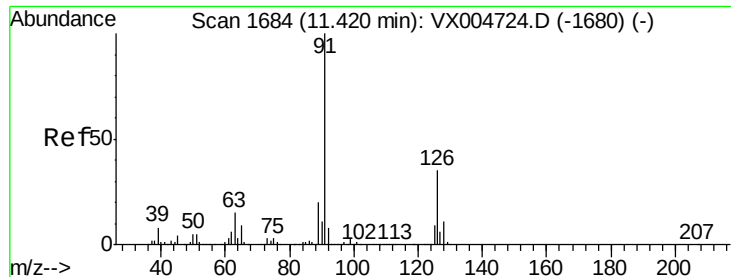
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.381 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

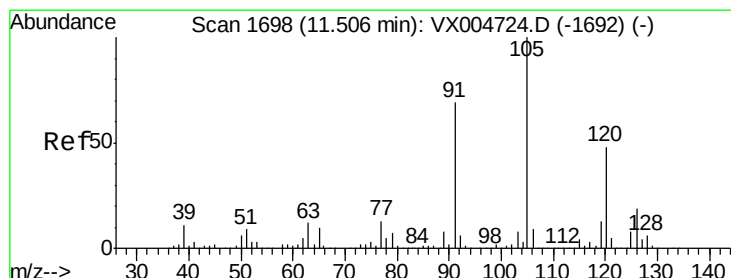
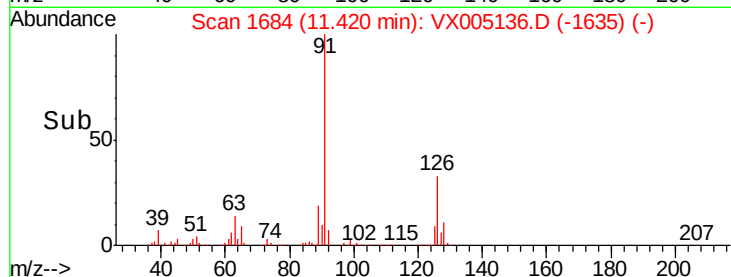
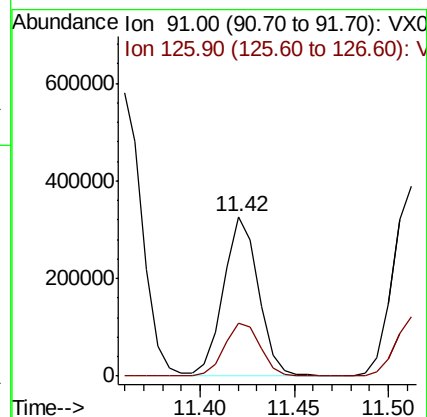
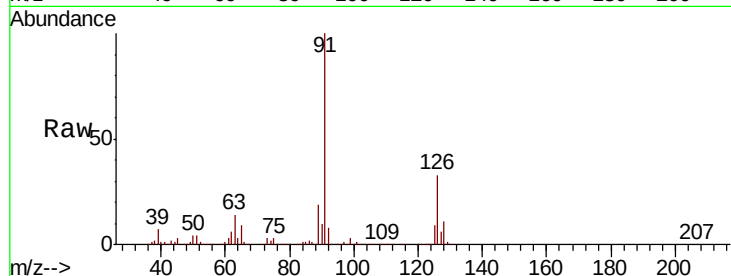
RE-125D2-2018001MSD

Tot Ion: 91 Resp: 414242

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 49.639 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005136.D

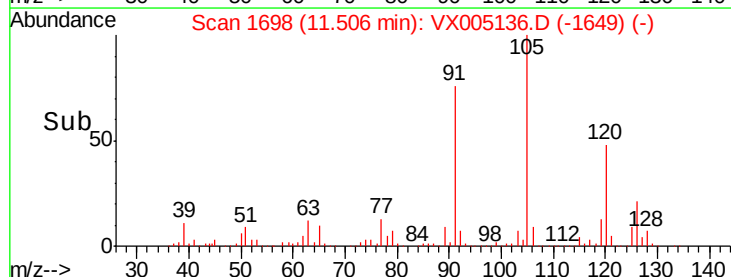
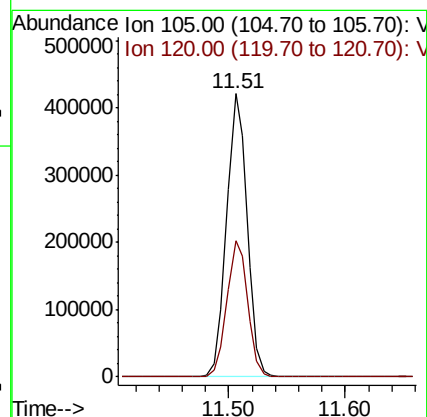
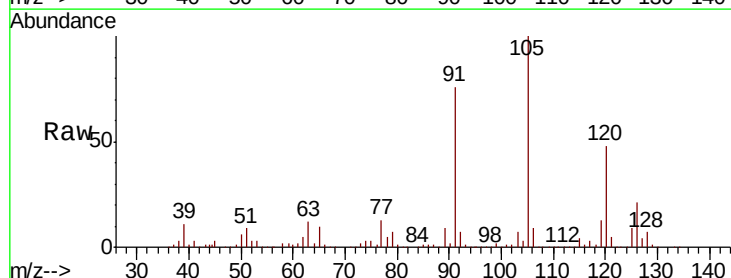
Acq: 08 Oct 2018 19:09

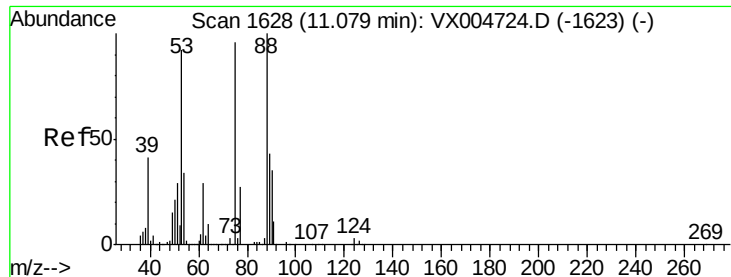
Tgt Ion: 105 Resp: 512877

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

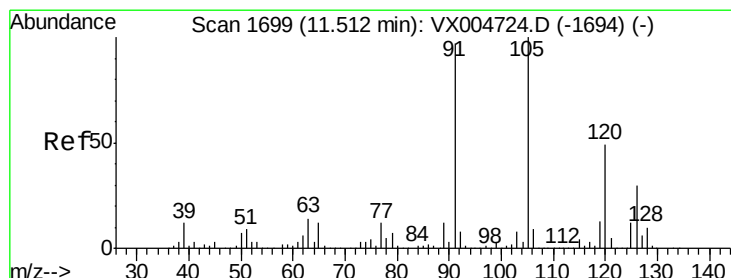
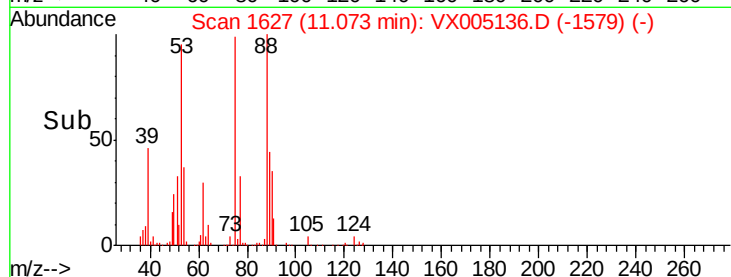
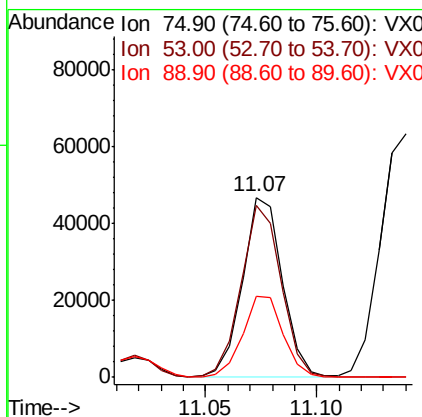
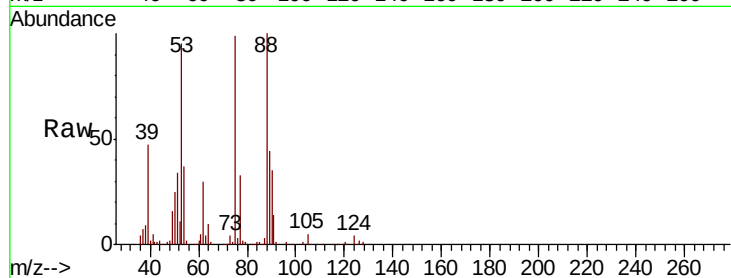




#81
trans-1,4-Dichloro-2-butene
Concen: 39.792 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

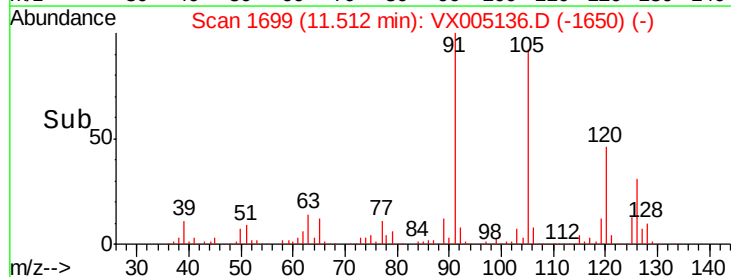
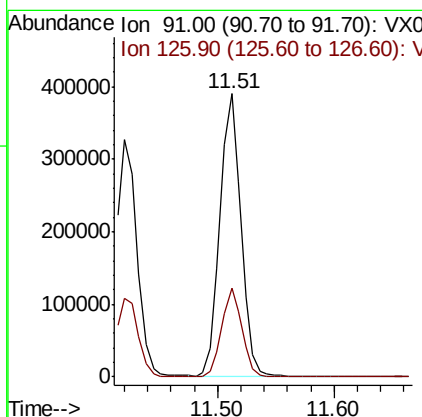
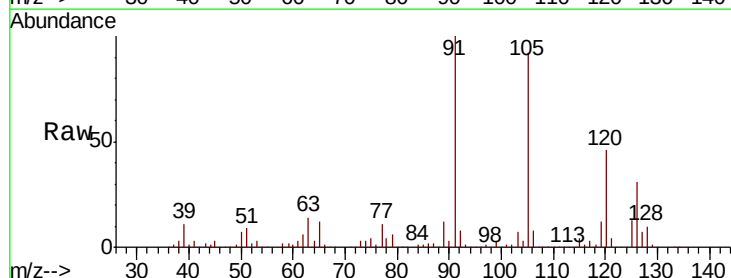
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

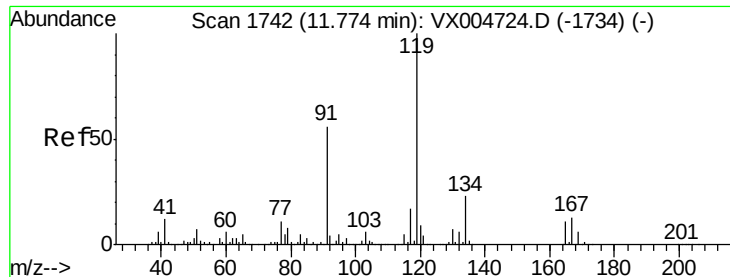
Tot Ion: 75 Resp: 57863
Ion Ratio Lower Upper
75 100
53 96.7 80.2 120.4
89 46.4 37.1 55.7



#82
4-Chlorotoluene
Concen: 51.312 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 91 Resp: 486921
Ion Ratio Lower Upper
91 100
126 30.4 15.5 46.5

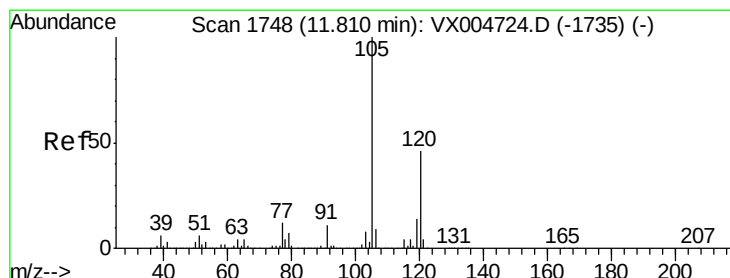
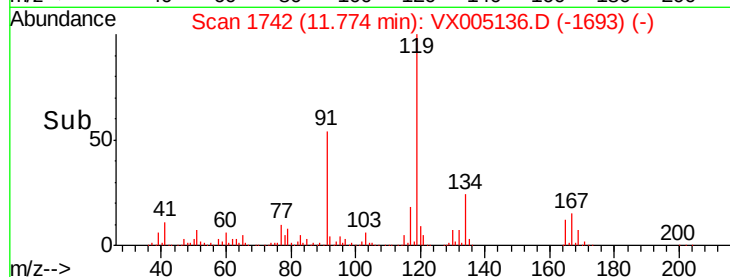
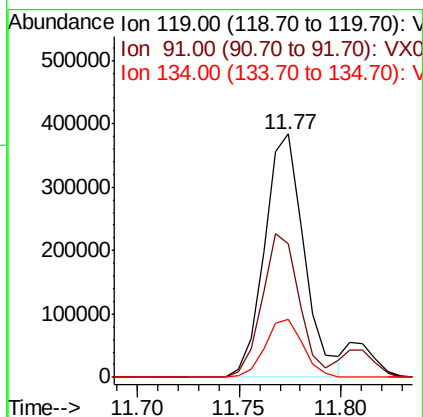
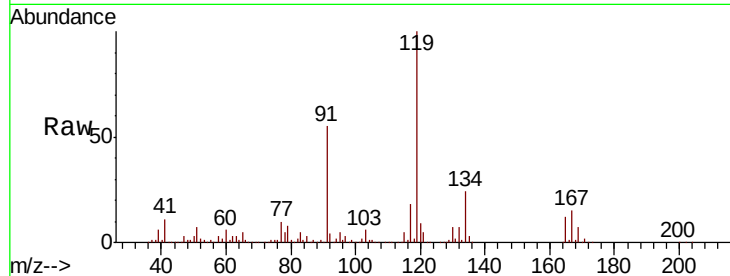




#83
 tert-Butylbenzene
 Concen: 56.001 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

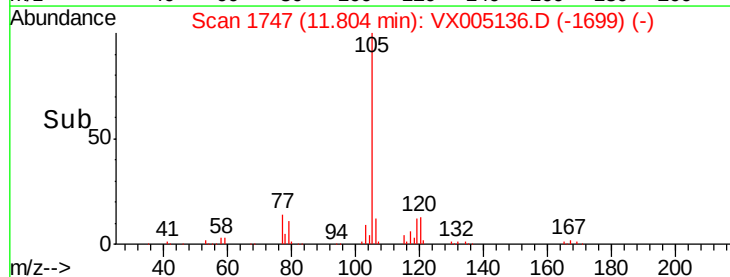
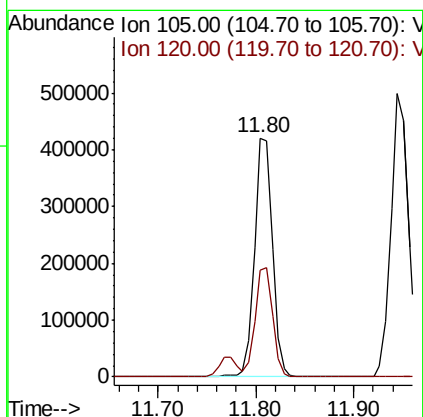
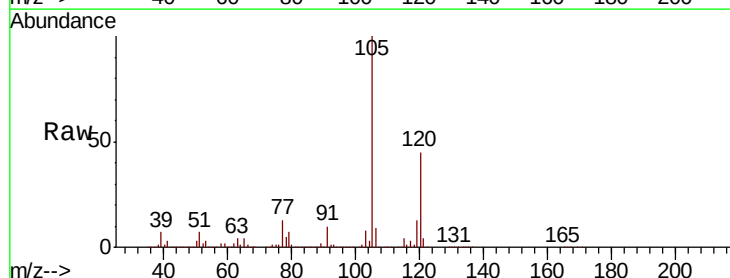
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

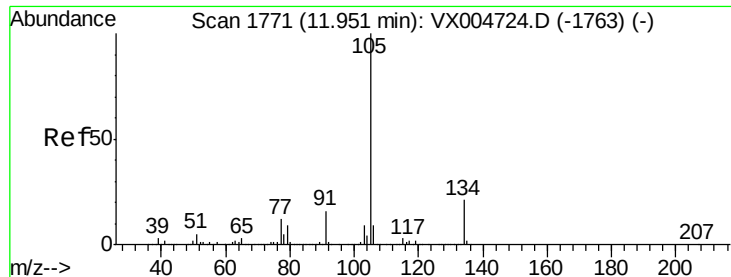
Tot Ion:119 Resp: 519761
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.5 82.5
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.240 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion:105 Resp: 535300
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 54.455 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

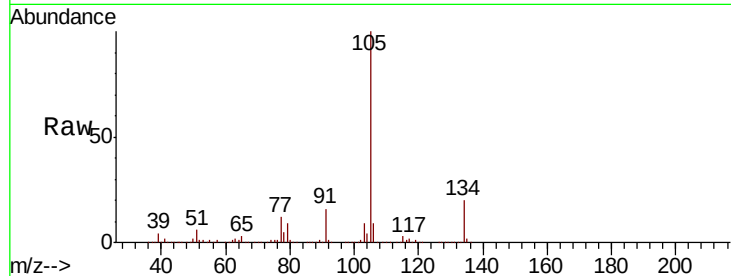
RE-125D2-2018001MSD

Tot Ion:105 Resp: 615608

Ion Ratio Lower Upper

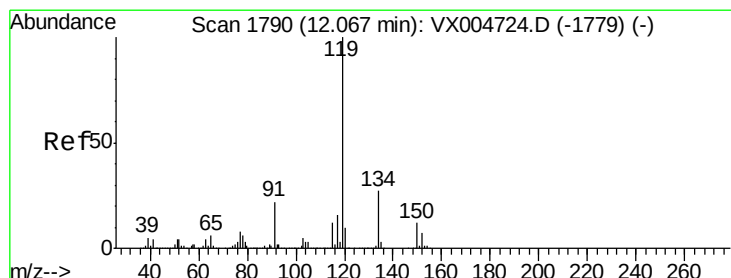
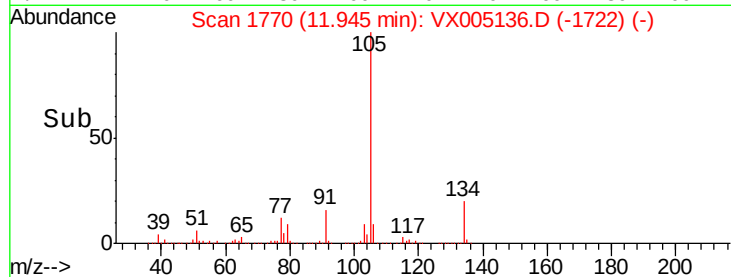
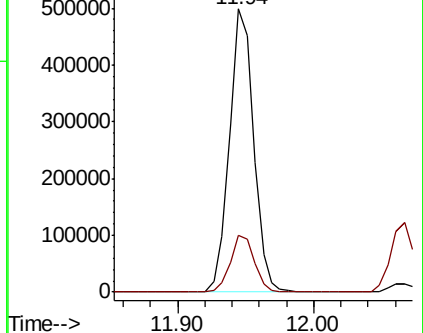
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.801 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

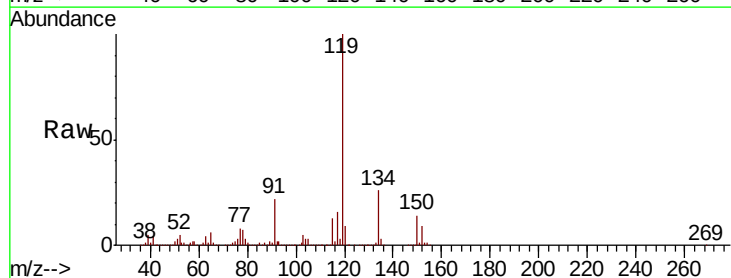
Tgt Ion:119 Resp: 551047

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

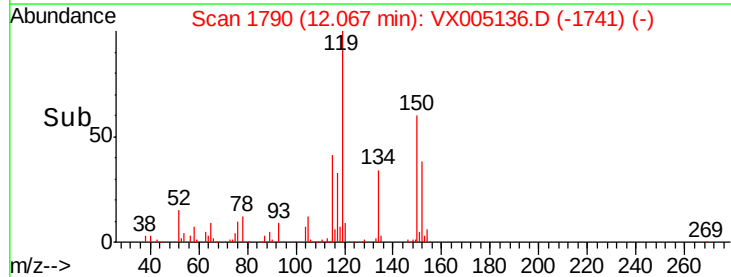
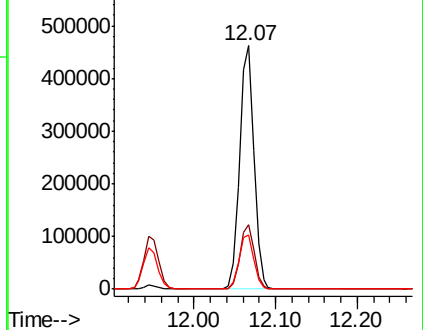
91 22.8 11.5 34.4

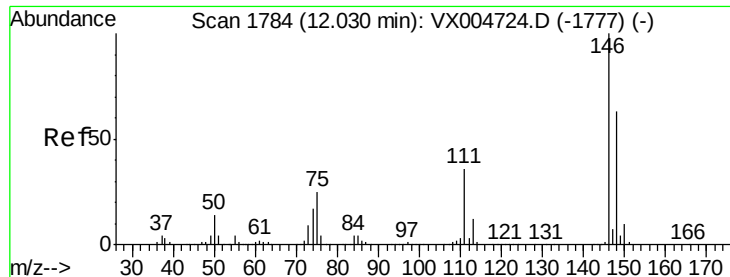


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

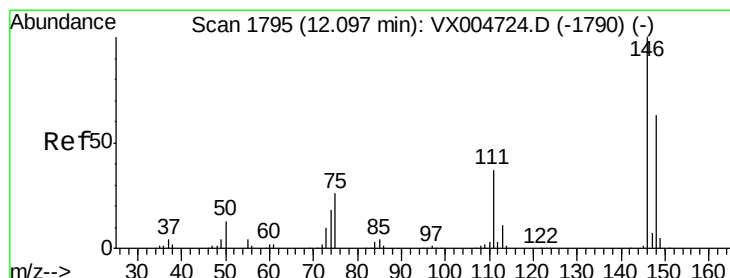
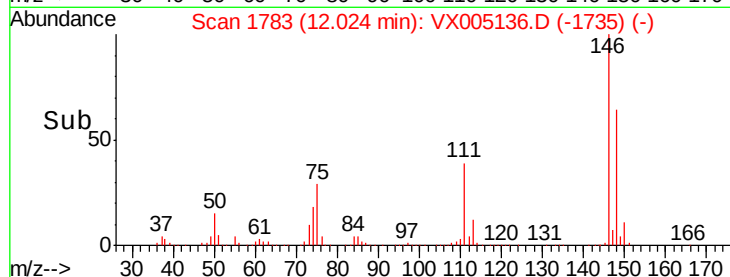
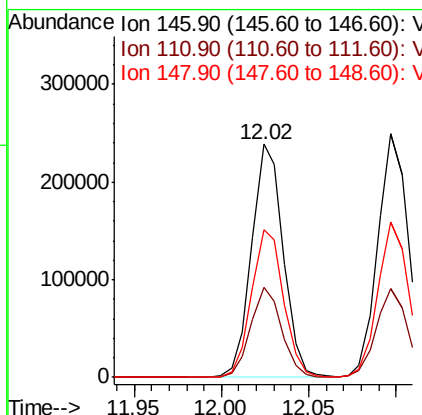
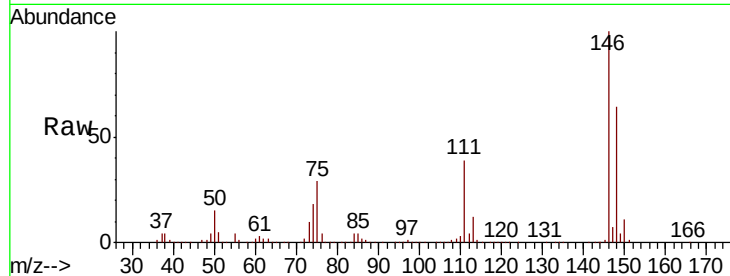




#87
 1,3-Dichlorobenzene
 Concen: 49.053 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

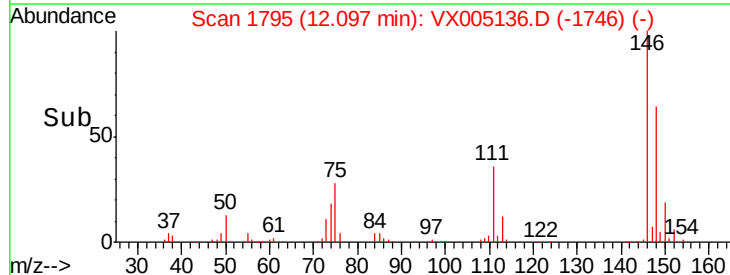
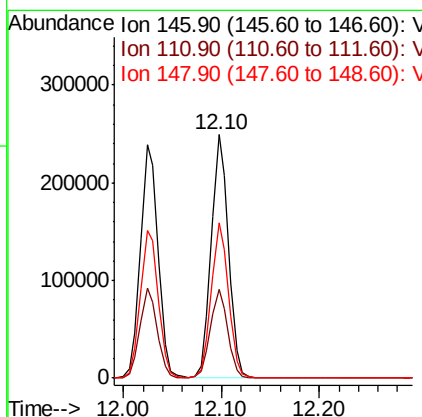
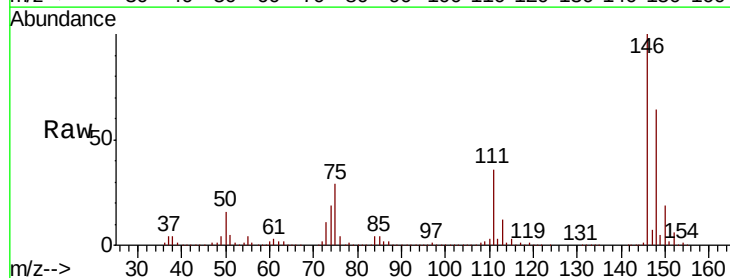
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

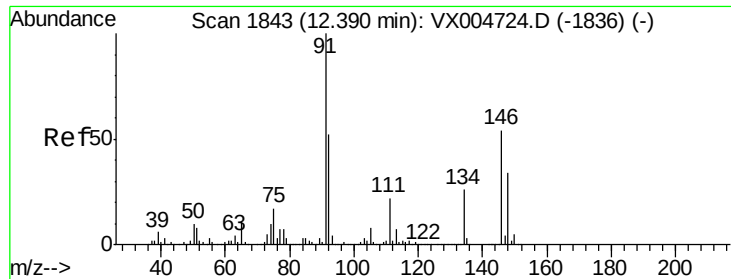
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.437 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.2
148	63.8	32.0	96.0

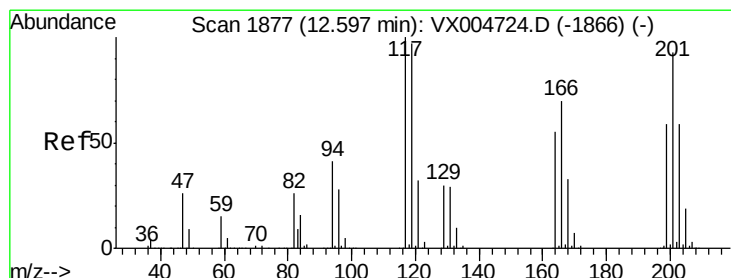
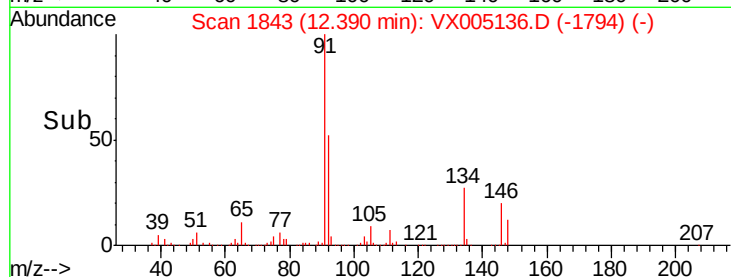
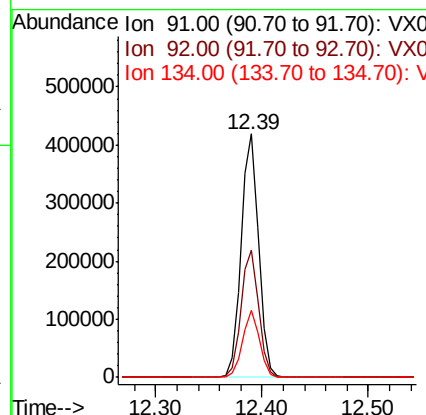
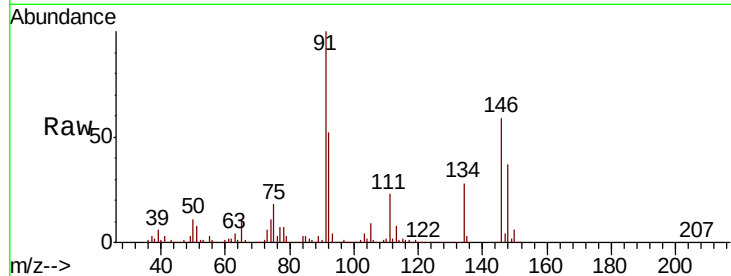




#89
n-Butylbenzene
Concen: 51.900 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

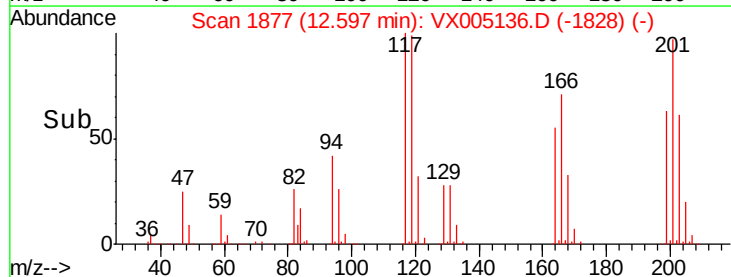
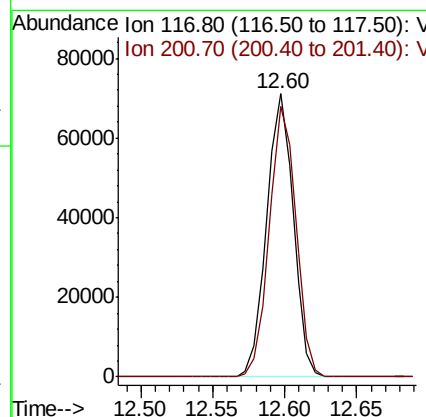
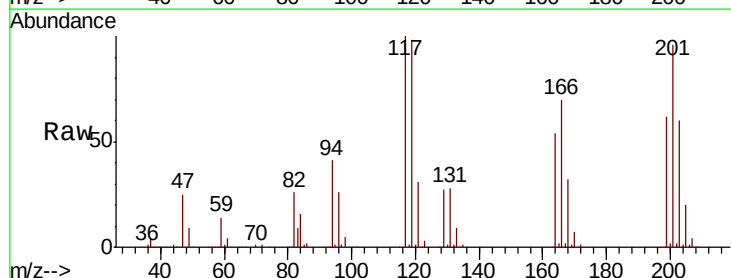
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001MSD

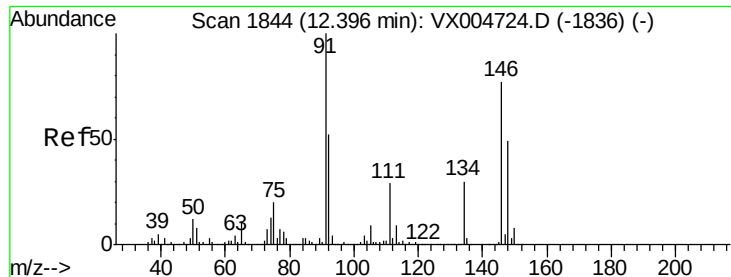
Tot Ion: 91 Resp: 482768
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.7 13.2 39.6



#90
Hexachloroethane
Concen: 53.269 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005136.D
Acq: 08 Oct 2018 19:09

Tgt Ion: 117 Resp: 90841
Ion Ratio Lower Upper
117 100
201 96.0 48.4 145.0

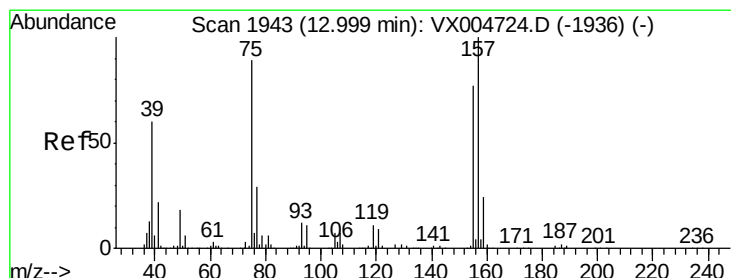
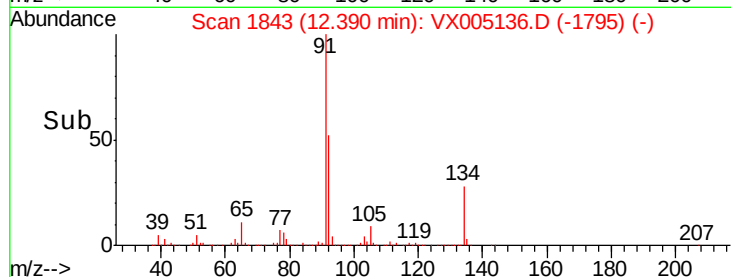
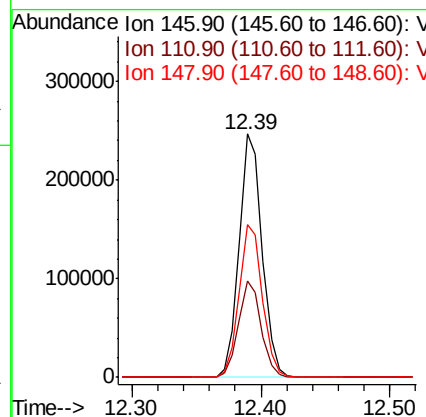
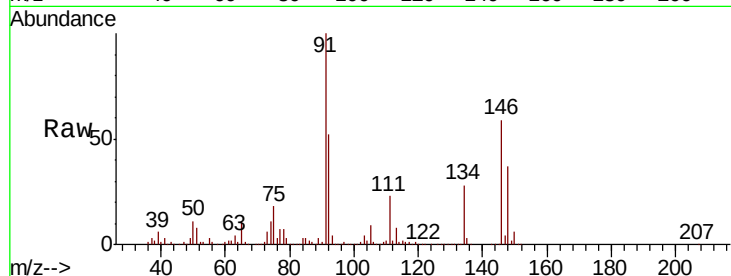




#91
 1,2-Dichlorobenzene
 Concen: 48.154 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

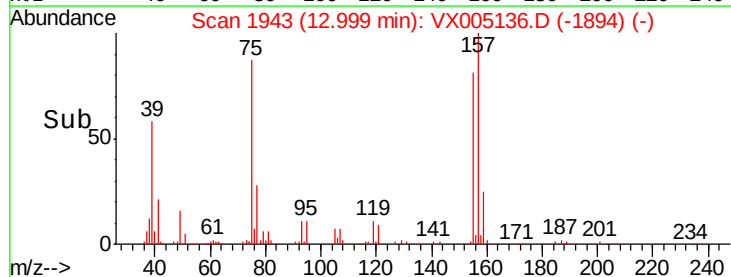
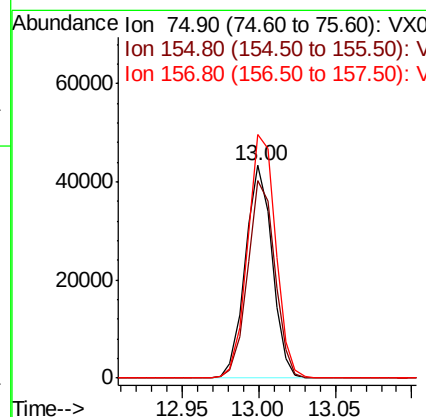
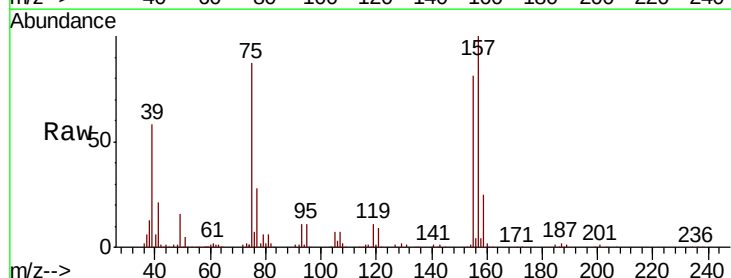
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

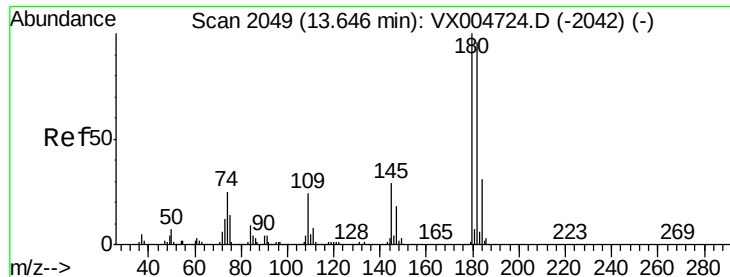
Tot Ion:146 Resp: 307672
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.422 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion: 75 Resp: 52818
 Ion Ratio Lower Upper
 75 100
 155 94.3 46.1 138.3
 157 120.0 60.2 180.6

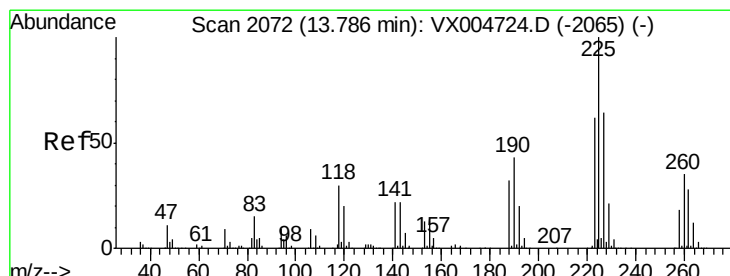
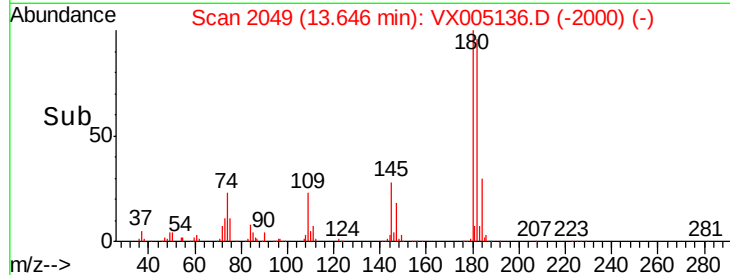
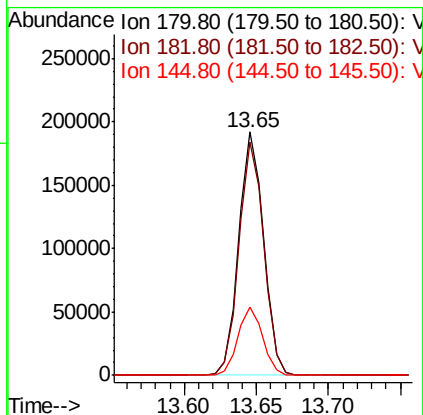
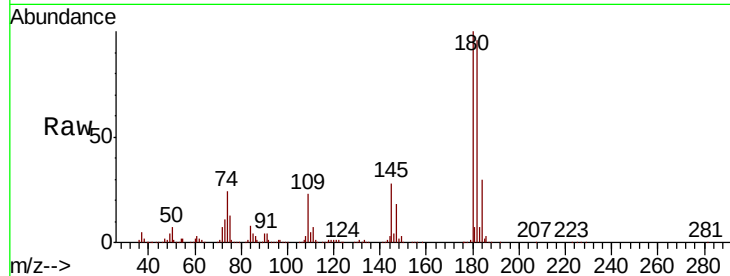




#93
 1,2,4-Trichlorobenzene
 Concen: 51.426 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

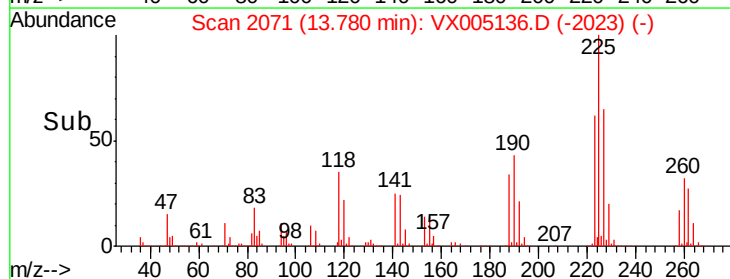
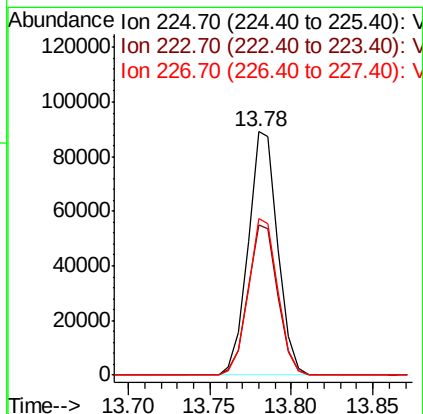
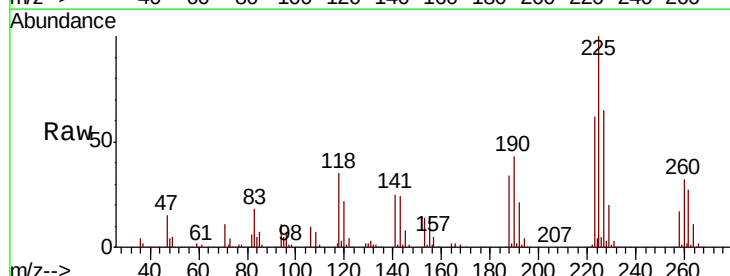
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

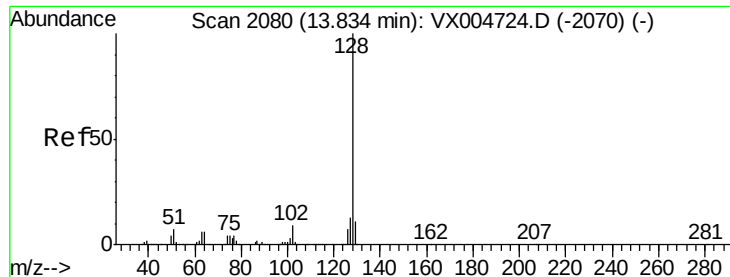
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.2	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 48.322 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005136.D
 Acq: 08 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.3	93.8
227	64.1	31.9	95.5





#95

Naphthalene

Concen: 50.171 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001MSD

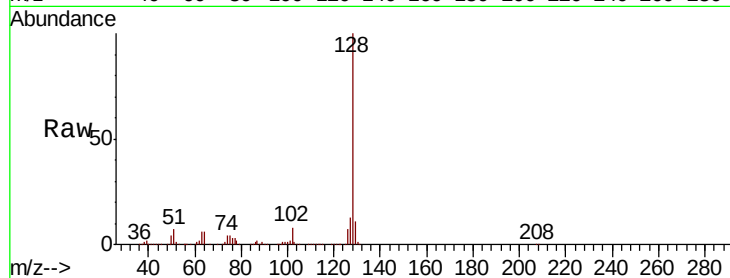
Tot Ion:128 Resp: 746401

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

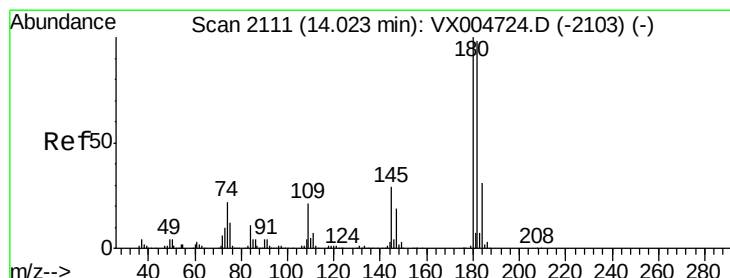
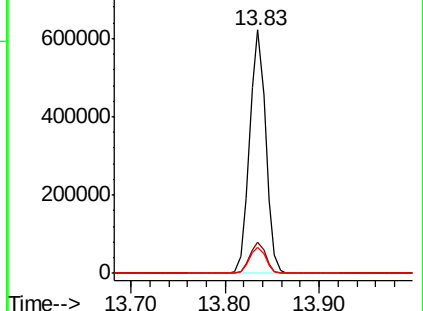
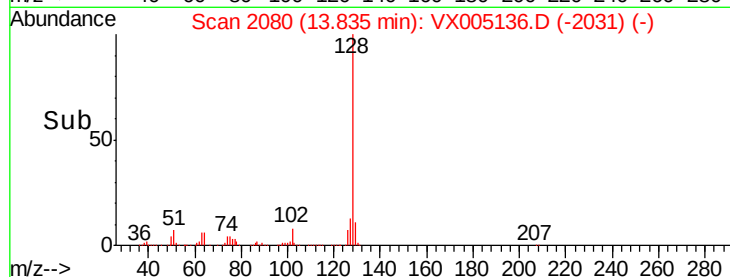
129 10.9 8.7 13.1



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: 51.601 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005136.D

Acq: 08 Oct 2018 19:09

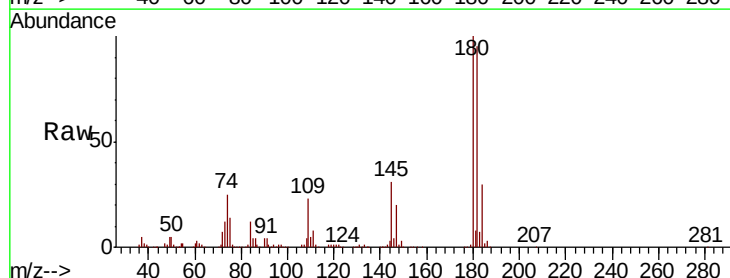
Tgt Ion:180 Resp: 238913

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 30.0 15.0 45.0



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

