

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005538.D
 Acq On : 24 Oct 2018 13:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Quant Time: Oct 25 04:51:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137796	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	5.50	113	109434	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	8.72	98	408920	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	154893	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94899	40.806	ug/l	96
3) Chloromethane	1.32	50	128593	43.419	ug/l	98
4) Vinyl Chloride	1.40	62	130114	44.679	ug/l	100
5) Bromomethane	1.64	94	90848	50.134	ug/l	99
6) Chloroethane	1.71	64	81353	43.729	ug/l	93
7) Trichlorofluoromethane	1.92	101	188540	46.593	ug/l	99
8) Diethyl Ether	2.18	74	79965	49.518	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106576	45.904	ug/l	96
10) Methyl Iodide	2.51	142	104295	43.393	ug/l	99
11) Tert butyl alcohol	3.08	59	198473	256.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106513	48.159	ug/l	92
13) Acrolein	2.29	56	100962	255.728	ug/l	95
14) Allyl chloride	2.73	41	237900	48.196	ug/l	97
15) Acrylonitrile	3.15	53	420546	242.318	ug/l	97
16) Acetone	2.45	43	373964	246.063	ug/l	94
17) Carbon Disulfide	2.57	76	326632	48.447	ug/l	97
18) Methyl Acetate	2.78	43	206225	55.076	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	382545	48.488	ug/l	97
20) Methylene Chloride	2.85	84	119401	46.909	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	110921	45.933	ug/l	93
22) Diisopropyl ether	3.86	45	417305	48.412	ug/l #	79
23) Vinyl Acetate	3.82	43	1833735	241.548	ug/l	96
24) 1,1-Dichloroethane	3.69	63	218490	46.621	ug/l	99
25) 2-Butanone	4.70	43	579830	250.539	ug/l	93
26) 2,2-Dichloropropane	4.59	77	182643	50.480	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	124032	47.642	ug/l	92
28) Bromochloromethane	5.01	49	110144	48.593	ug/l	90
29) Tetrahydrofuran	5.17	42	379762	252.147	ug/l	91
30) Chloroform	5.21	83	210129	47.934	ug/l	99
31) Cyclohexane	5.57	56	194166	50.074	ug/l #	94
32) 1,1,1-Trichloroethane	5.49	97	188861	48.812	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158252	48.093	ug/l	99
37) Ethyl Acetate	4.85	43	210699	50.179	ug/l	97
38) Carbon Tetrachloride	5.78	117	161191	46.511	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186609	51.358	ug/l	96
40) Benzene	6.14	78	465084	49.306	ug/l	99
41) Methacrylonitrile	5.06	41	118882	50.827	ug/l	97
42) 1,2-Dichloroethane	6.20	62	171929	47.980	ug/l	95
43) Isopropyl Acetate	6.46	43	315612	50.159	ug/l	97
44) Trichloroethene	7.21	130	124132	48.306	ug/l	93
45) 1,2-Dichloropropane	7.51	63	121005	47.715	ug/l	99
46) Dibromomethane	7.66	93	79954	48.815	ug/l	97
47) Bromodichloromethane	7.90	83	153491	48.284	ug/l	99
48) Methyl methacrylate	7.77	41	159035	51.882	ug/l	93
49) 1,4-Dioxane	7.76	88	69342	1035.147	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1077568	254.819	ug/l	94
52) Toluene	8.79	92	285906	49.873	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	178958	52.088	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	191842	51.864	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116167	48.064	ug/l	97
56) Ethyl methacrylate	9.18	69	192204	53.315	ug/l	93
57) 1,3-Dichloropropane	9.37	76	197055	48.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	528157	262.313	ug/l	93
59) 2-Hexanone	9.50	43	874910	262.408	ug/l	92
60) Dibromochloromethane	9.59	129	126798	50.283	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123937	49.566	ug/l	100
64) Tetrachloroethene	9.34	164	122954	47.979	ug/l	98
65) Chlorobenzene	10.14	112	321887	48.966	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	118798	49.562	ug/l	98
67) Ethyl Benzene	10.25	91	560227	51.798	ug/l	97
68) m/p-Xylenes	10.36	106	430804	102.667	ug/l	93
69) o-Xylene	10.70	106	210099	53.219	ug/l	96
70) Styrene	10.71	104	349814	52.932	ug/l	96
71) Bromoform	10.86	173	107097	50.071	ug/l	99
73) Isopropylbenzene	11.02	105	571796	53.096	ug/l	99
74) N-amyl acetate	10.90	43	290356	54.413	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	196241	49.393	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	236585	65.931	ug/l	88
77) Bromobenzene	11.26	156	151545	50.494	ug/l	97
78) n-propylbenzene	11.36	91	661780	53.742	ug/l	99
79) 2-Chlorotoluene	11.42	91	390338	51.124	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	491518	53.354	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	61296	53.658	ug/l	97
82) 4-Chlorotoluene	11.51	91	468112	51.995	ug/l	99
83) tert-Butylbenzene	11.77	119	488081	53.151	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	507700	54.377	ug/l	97
85) sec-Butylbenzene	11.94	105	585087	53.396	ug/l	99
86) p-Isopropyltoluene	12.07	119	531520	54.262	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	282967	50.138	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288086	48.802	ug/l	98
89) n-Butylbenzene	12.39	91	480525	54.339	ug/l	97
90) Hexachloroethane	12.60	117	87434	51.753	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	284227	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49179	51.194	ug/l	95

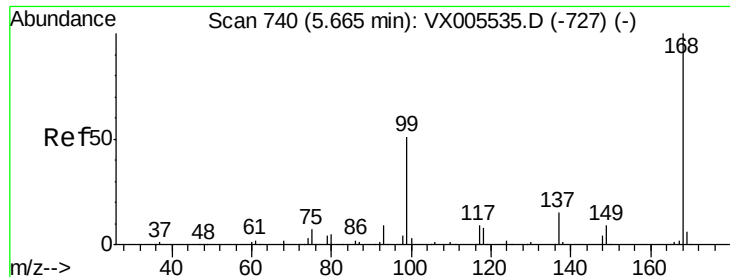
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102418\
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Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218443	52.775	ug/l	99
94) Hexachlorobutadiene	13.79	225	106872	49.824	ug/l	97
95) Naphthalene	13.83	128	670200	55.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	218936	52.180	ug/l	99

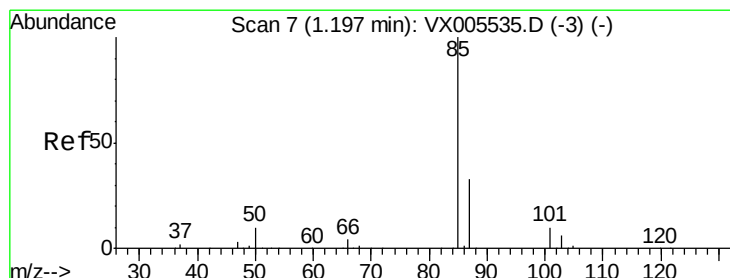
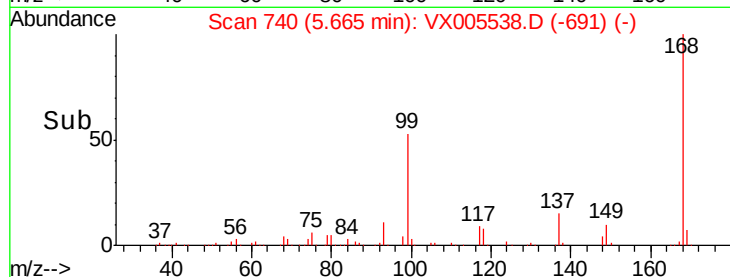
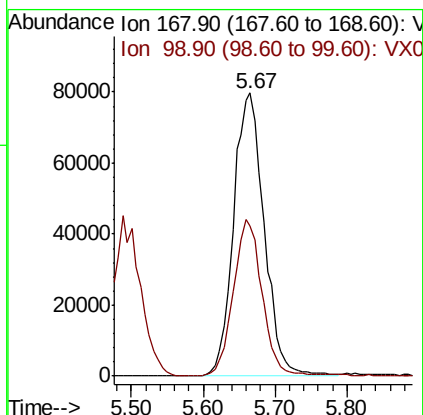
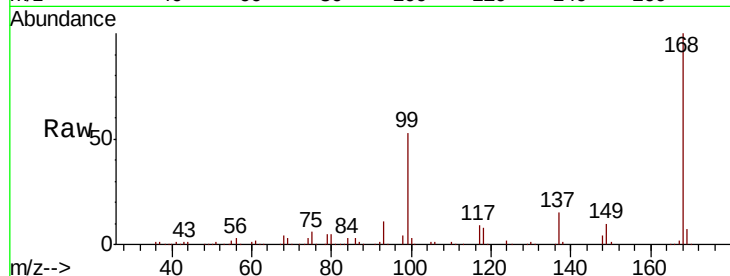
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005538.D
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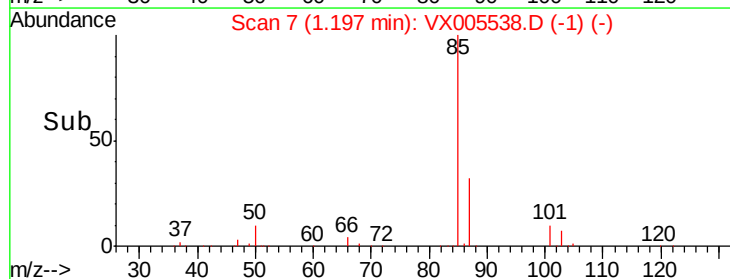
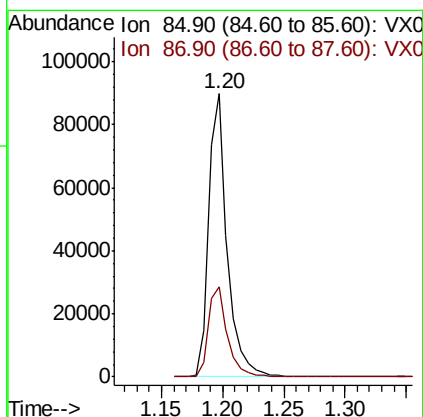
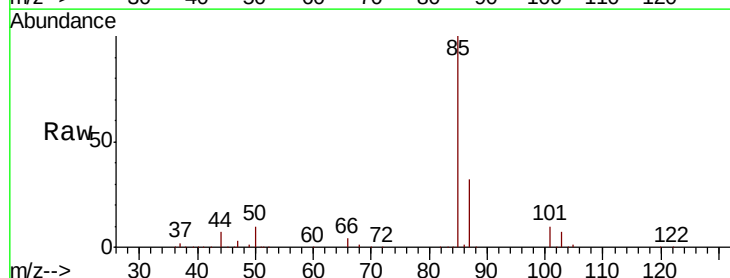
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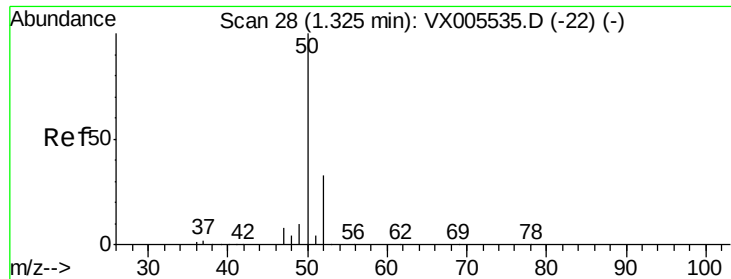
Tot Ion:168 Resp: 235615
Ion Ratio Lower Upper
168 100
99 52.9 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 40.806 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 85 Resp: 94899
Ion Ratio Lower Upper
85 100
87 31.8 17.0 50.9





#3

Chloromethane

Concen: 43.419 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

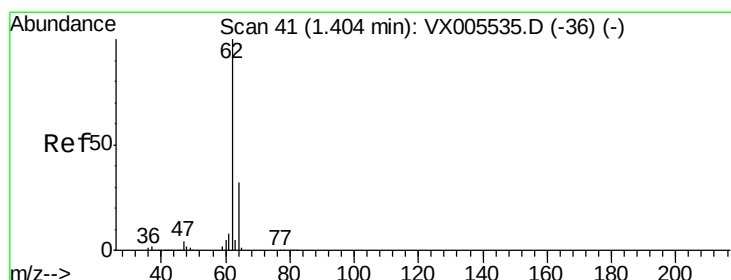
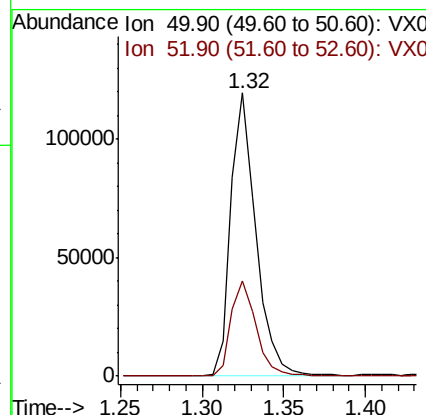
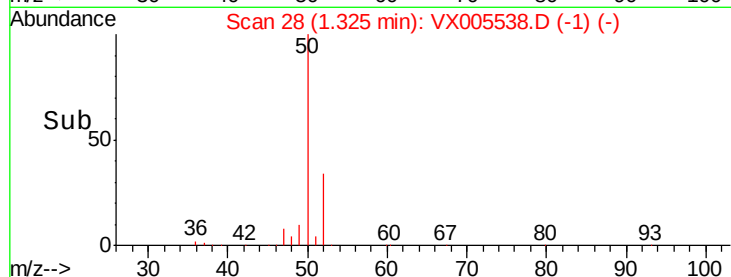
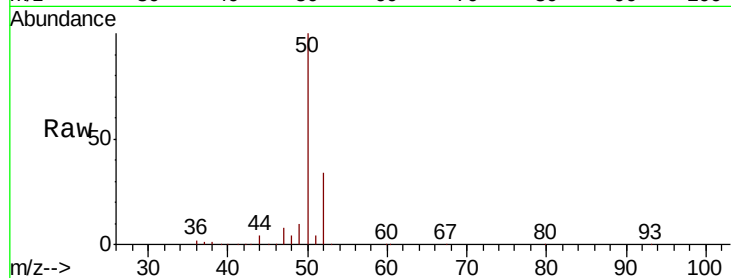
ICVVX102418

Tot Ion: 50 Resp: 128593

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.2



#4

Vinyl Chloride

Concen: 44.679 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005538.D

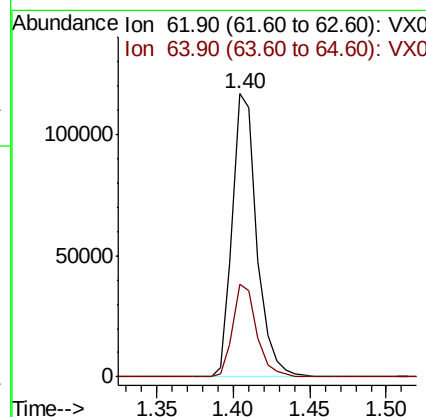
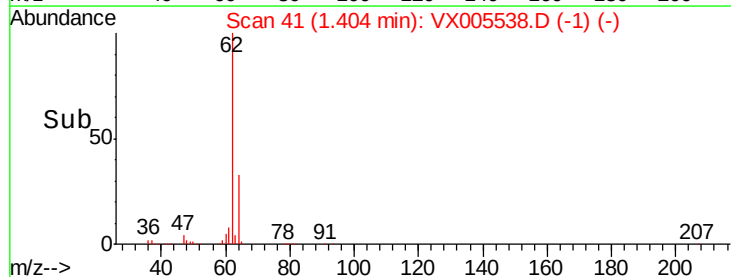
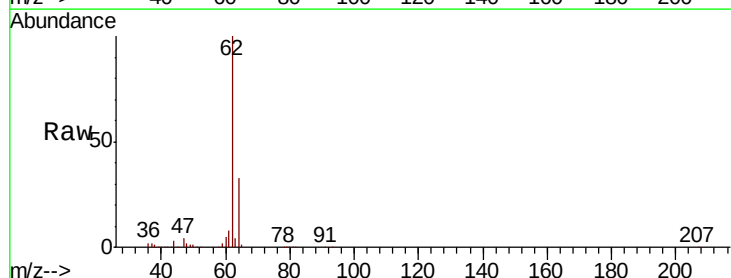
Acq: 24 Oct 2018 13:18

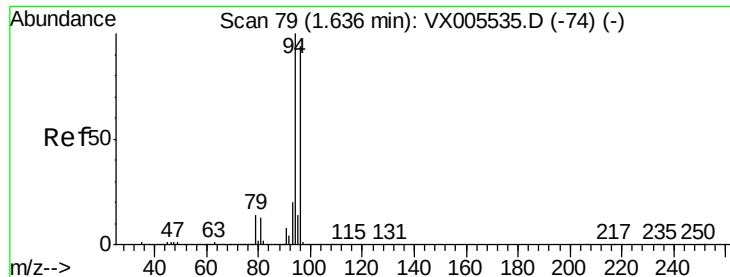
Tgt Ion: 62 Resp: 130114

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8

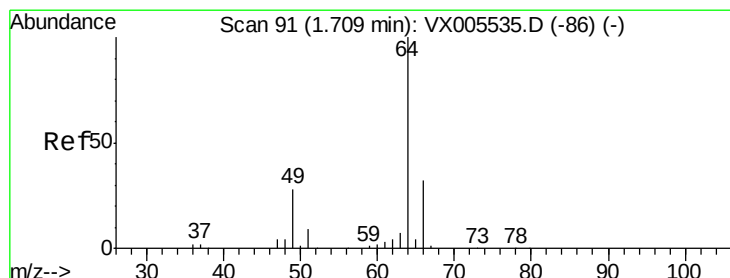
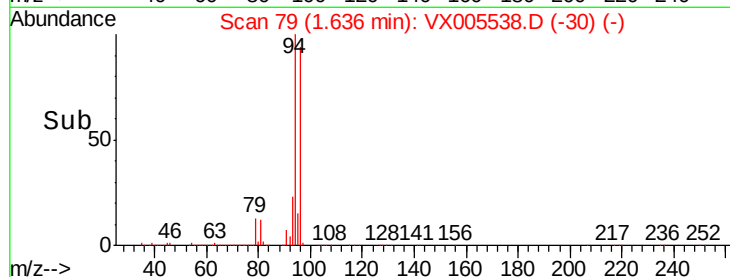
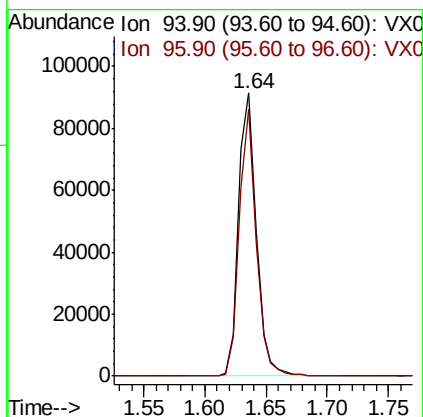
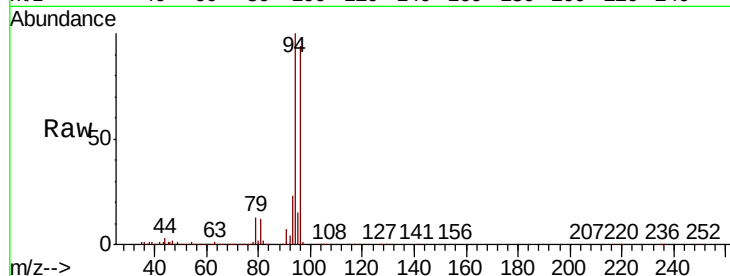




#5
Bromomethane
Concen: 50.134 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

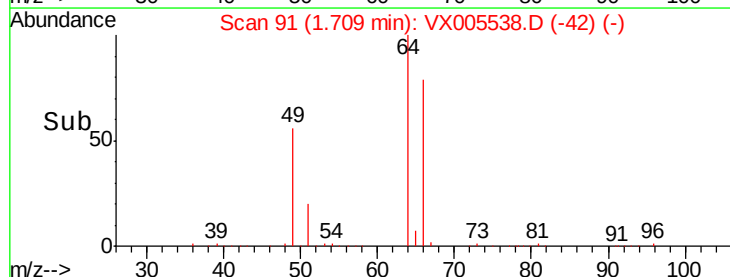
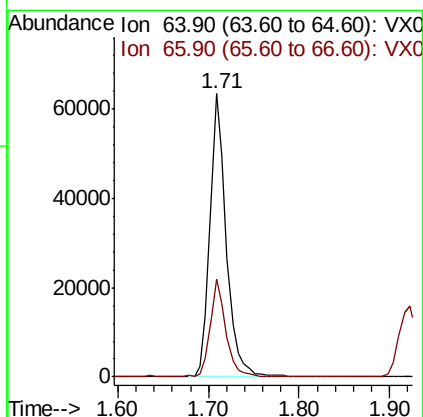
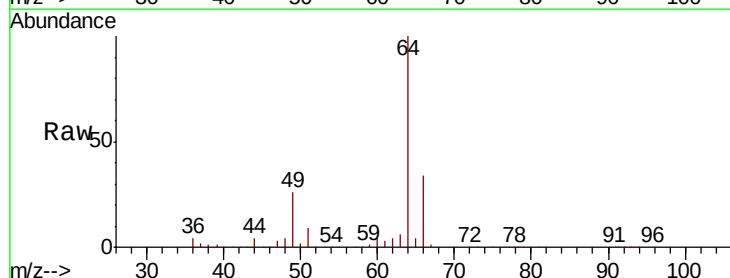
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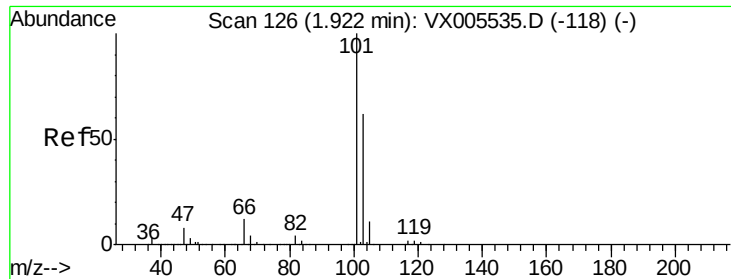
Tot Ion: 94 Resp: 90848
Ion Ratio Lower Upper
94 100
96 94.1 74.5 111.7



#6
Chloroethane
Concen: 43.729 ug/l
RT: 1.71 min Scan# 91
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 64 Resp: 81353
Ion Ratio Lower Upper
64 100
66 34.4 24.6 36.8



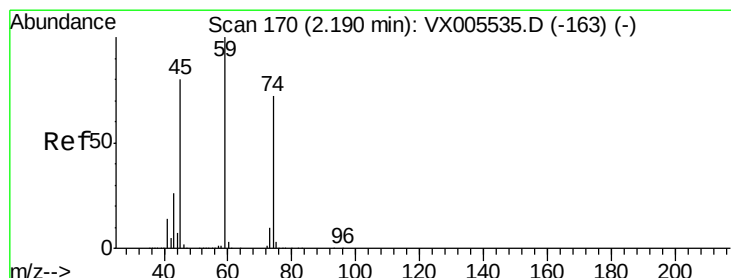
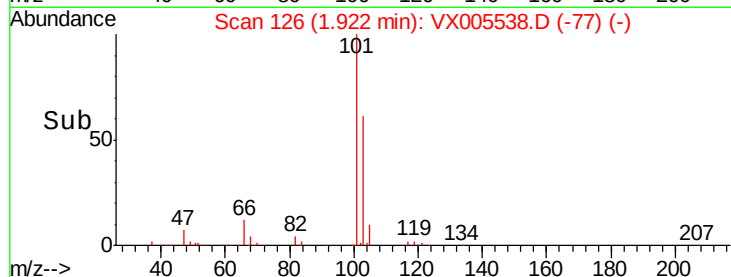
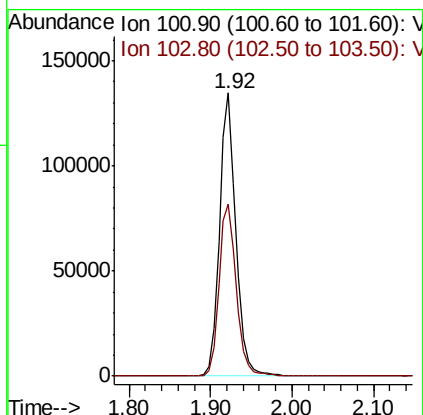
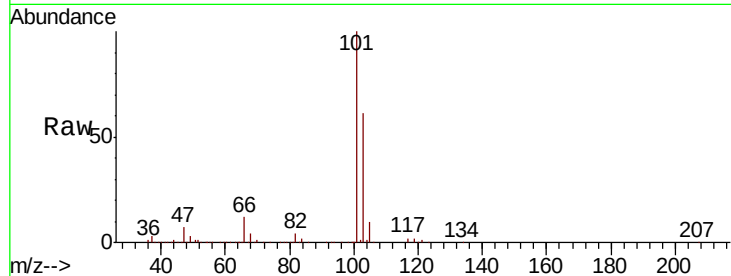


#7

Trichlorofluoromethane
 Concen: 46.593 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005538.D
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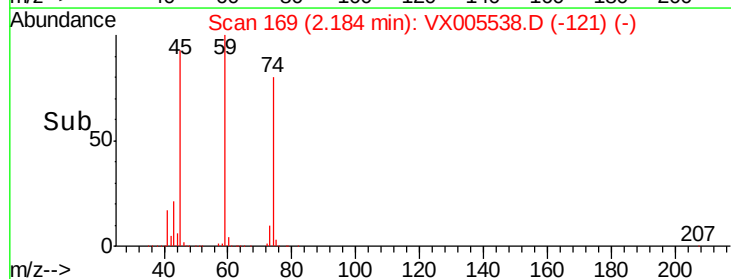
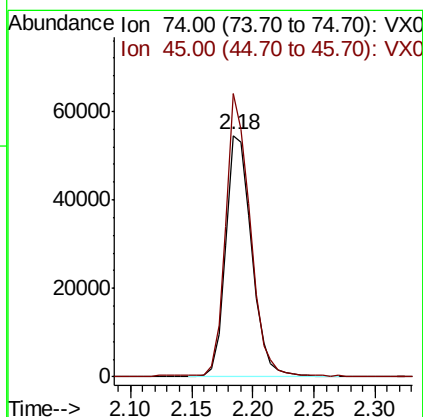
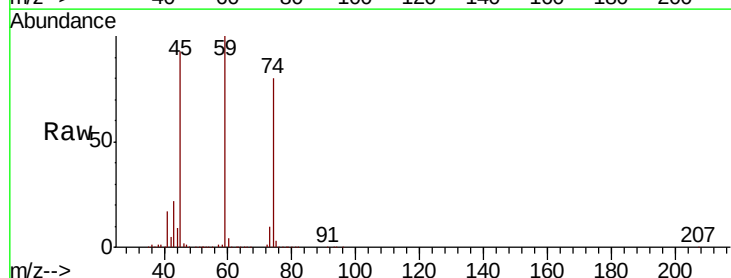
Tot Ion:101 Resp: 188540
 Ion Ratio Lower Upper
 101 100
 103 60.6 48.9 73.3

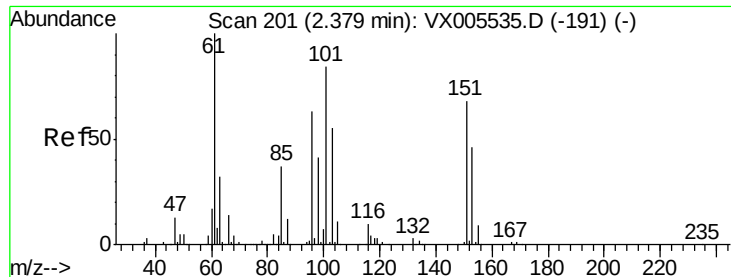


#8

Diethyl Ether
 Concen: 49.518 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 74 Resp: 79965
 Ion Ratio Lower Upper
 74 100
 45 110.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.904 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

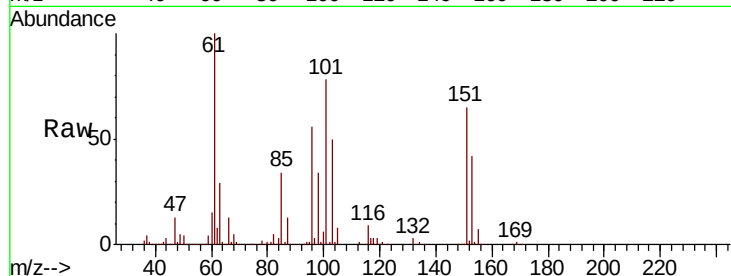
Tot Ion:101 Resp: 106576

Ion Ratio Lower Upper

101 100

85 46.4 34.2 51.4

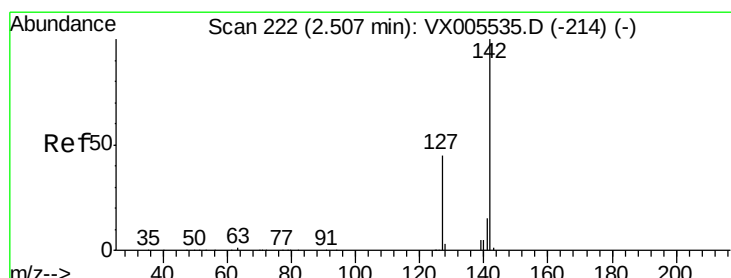
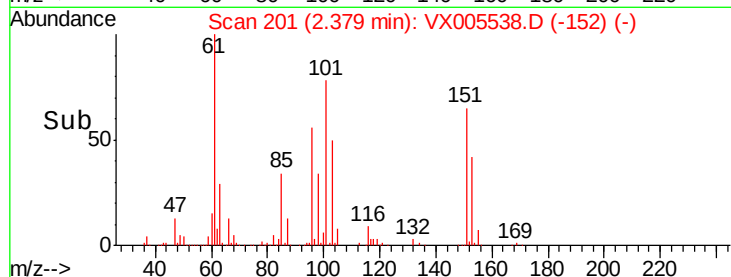
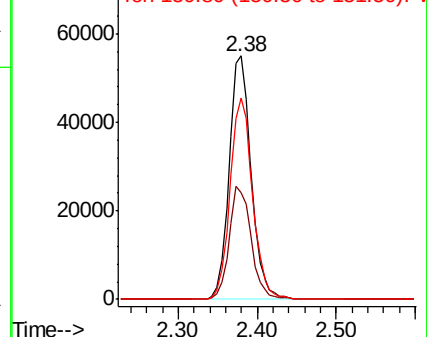
151 84.5 65.0 97.6



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: 43.393 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

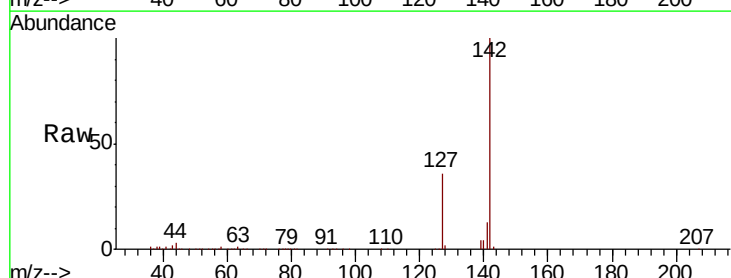
Tgt Ion:142 Resp: 104295

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

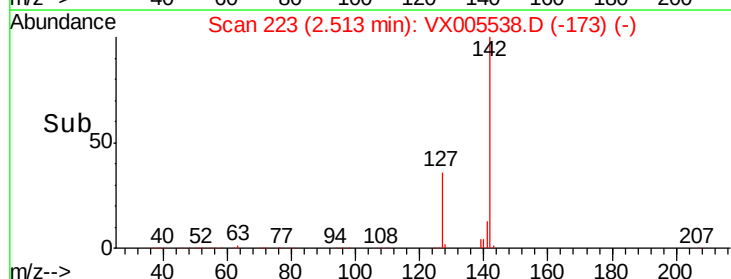
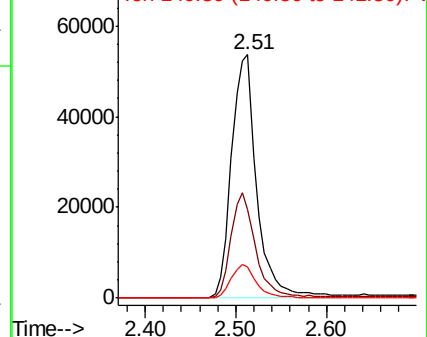
141 13.7 11.4 17.0

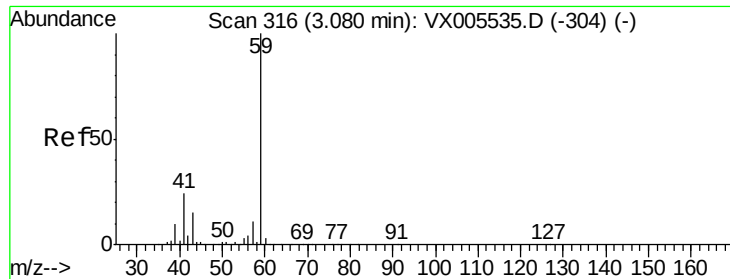


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

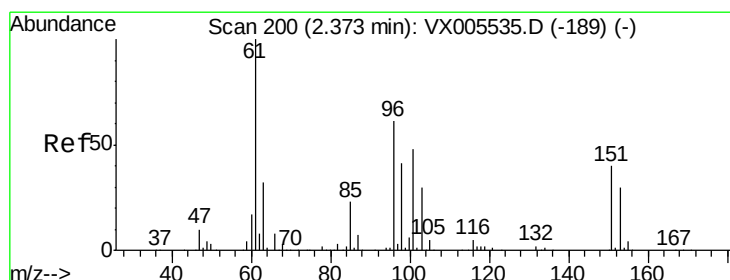
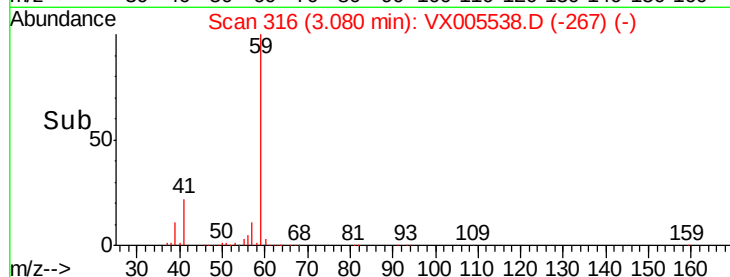
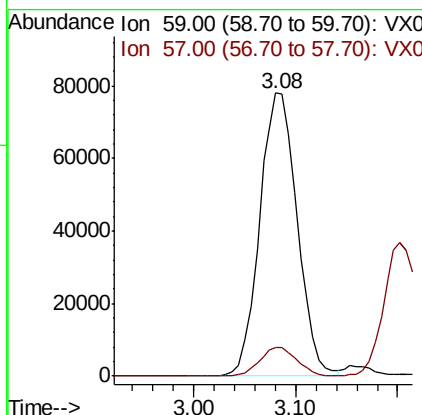
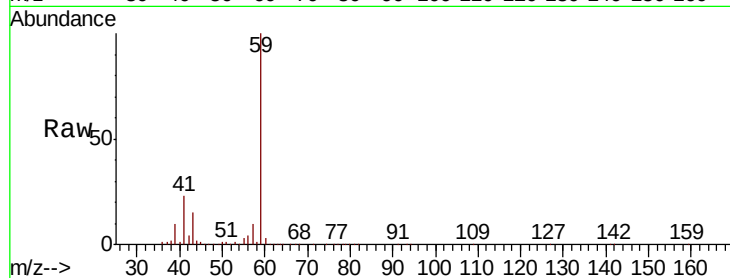




#11
Tert butyl alcohol
Concen: 256.439 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

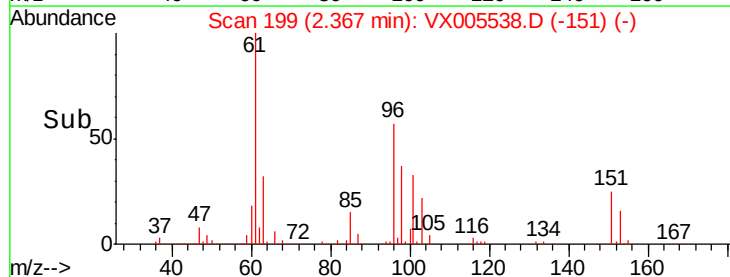
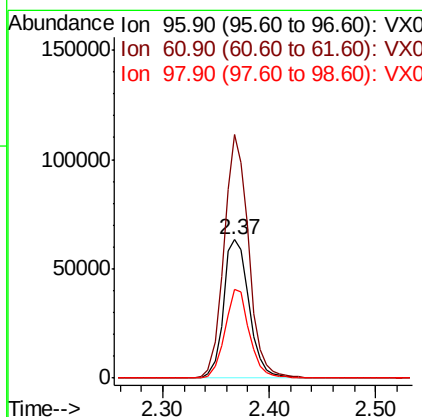
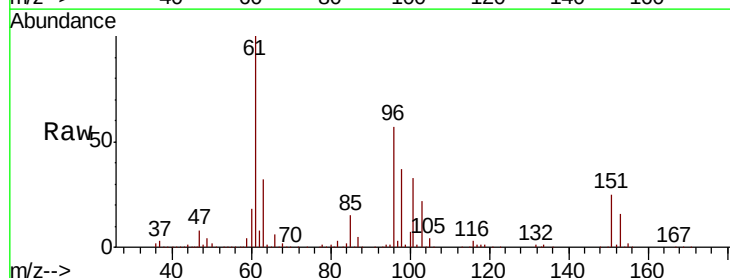
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

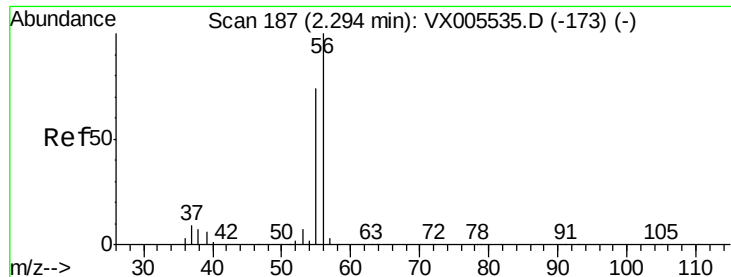
Tot Ion: 59 Resp: 198473
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.159 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 96 Resp: 106513
Ion Ratio Lower Upper
96 100
61 176.3 128.8 193.2
98 64.6 52.2 78.2





#13

Acrolein

Concen: 255.728 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

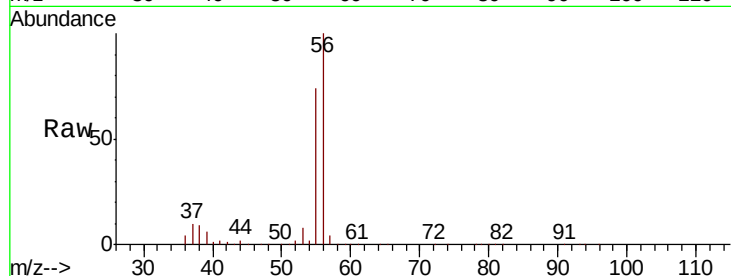
ICVVX102418

Tot Ion: 56 Resp: 100962

Ion Ratio Lower Upper

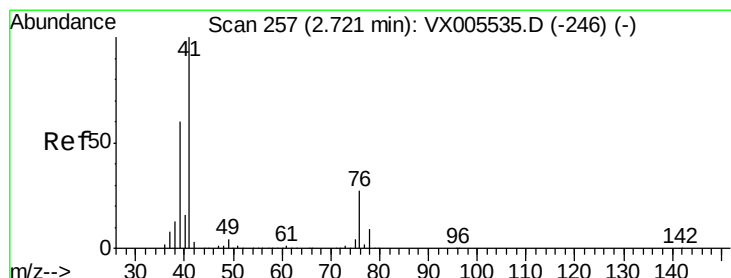
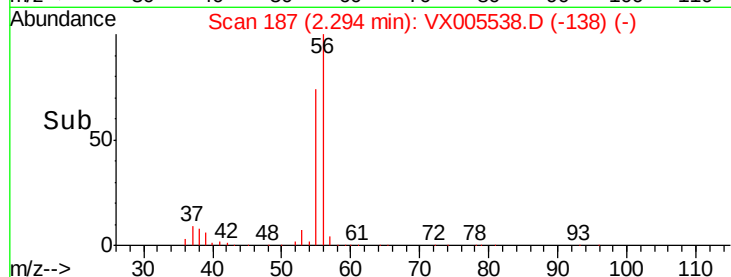
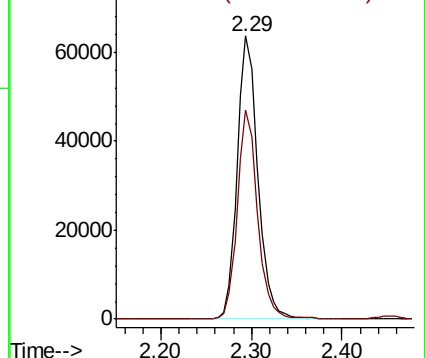
56 100

55 72.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.196 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

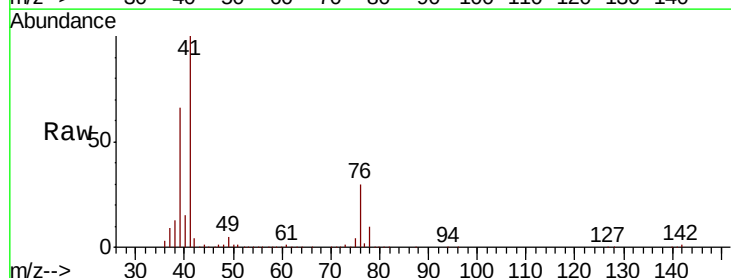
Tgt Ion: 41 Resp: 237900

Ion Ratio Lower Upper

41 100

39 60.1 48.9 73.3

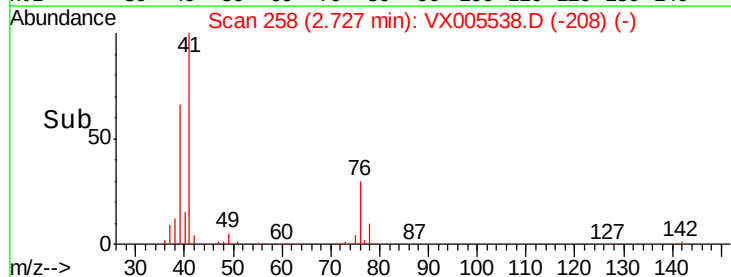
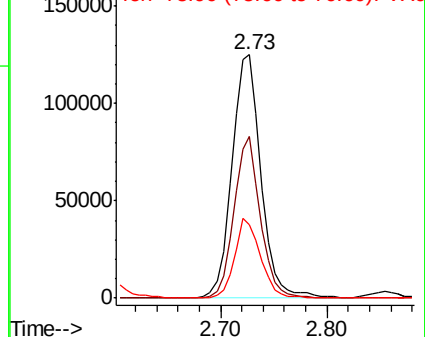
76 29.1 26.7 40.1

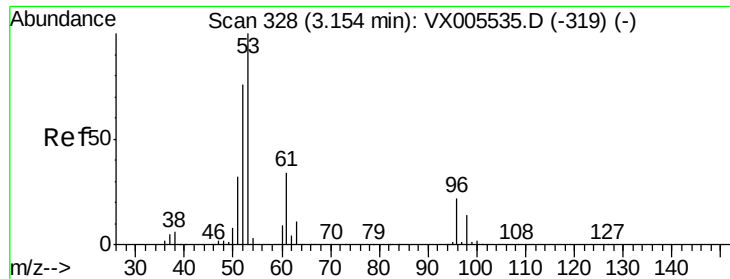


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 242.318 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

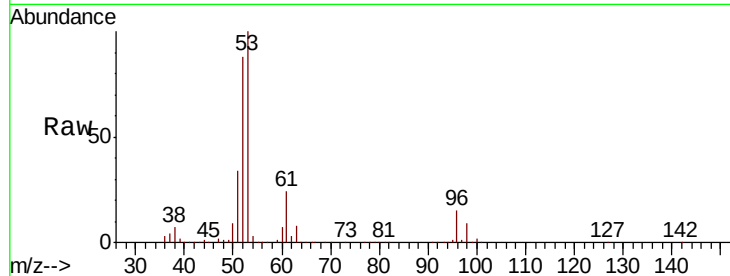
Tot Ion: 53 Resp: 420546

Ion Ratio Lower Upper

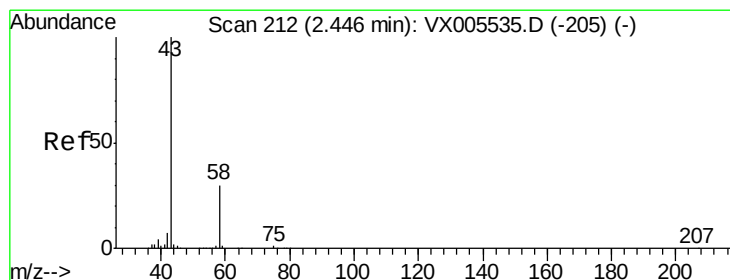
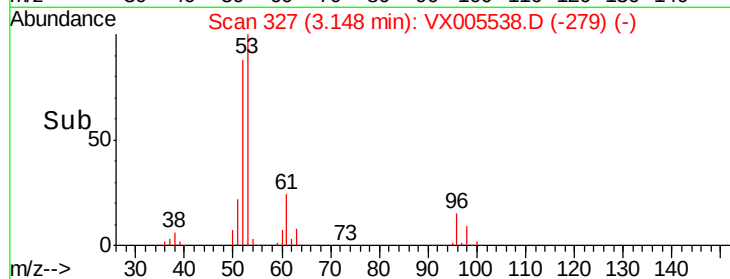
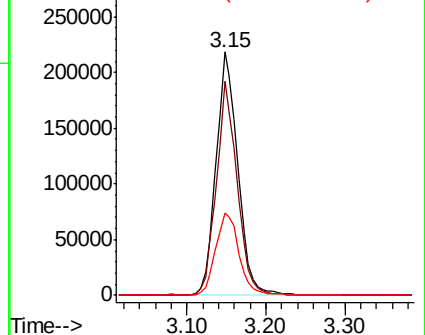
53 100

52 84.3 65.2 97.8

51 36.4 28.2 42.2



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: 246.063 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005538.D

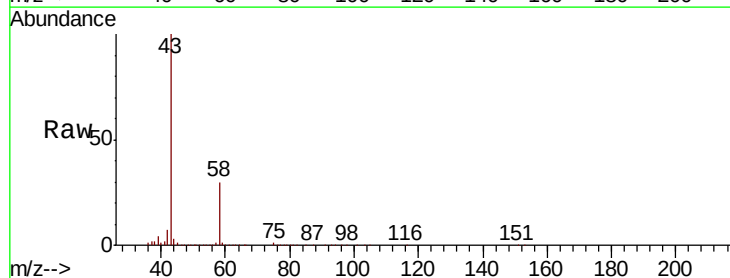
Acq: 24 Oct 2018 13:18

Tgt Ion: 43 Resp: 373964

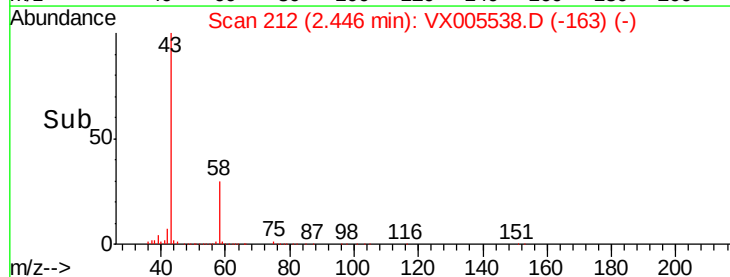
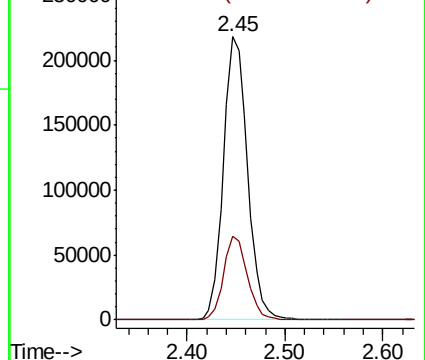
Ion Ratio Lower Upper

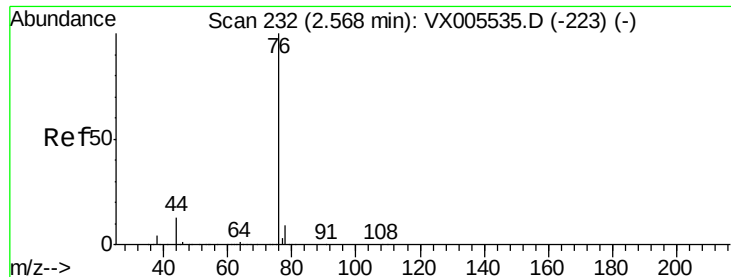
43 100

58 29.5 26.2 39.4



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





#17

Carbon Disulfide

Concen: 48.447 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

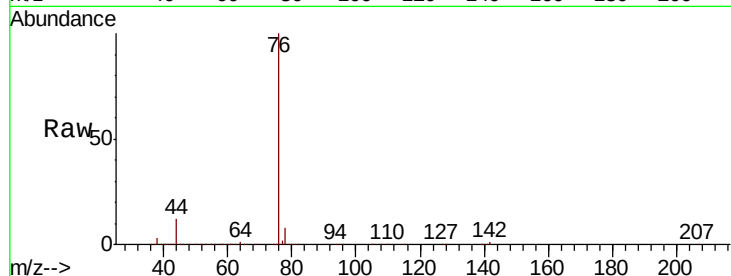
ICVVX102418

Tot Ion: 76 Resp: 326632

Ion Ratio Lower Upper

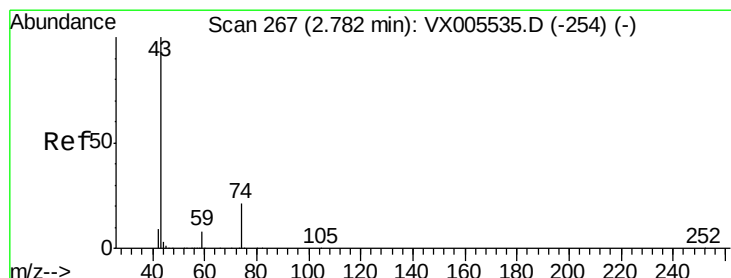
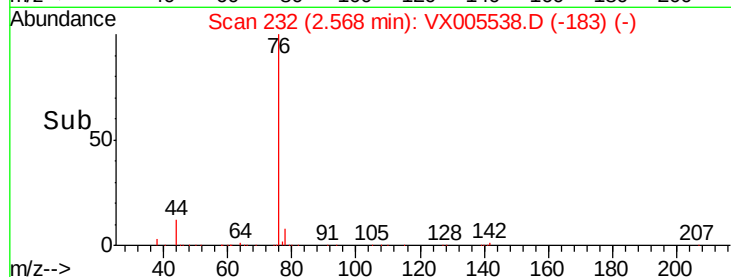
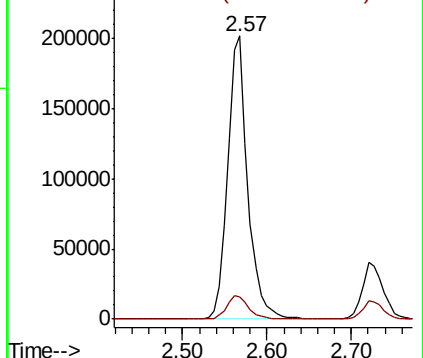
76 100

78 7.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.076 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005538.D

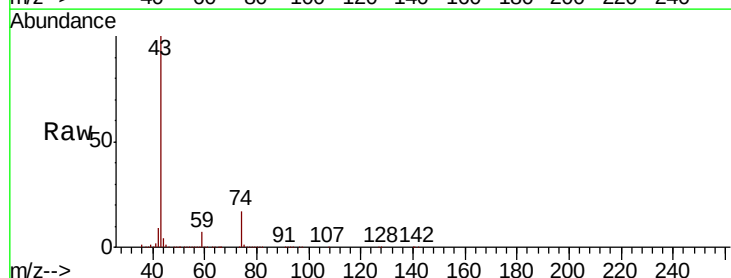
Acq: 24 Oct 2018 13:18

Tgt Ion: 43 Resp: 206225

Ion Ratio Lower Upper

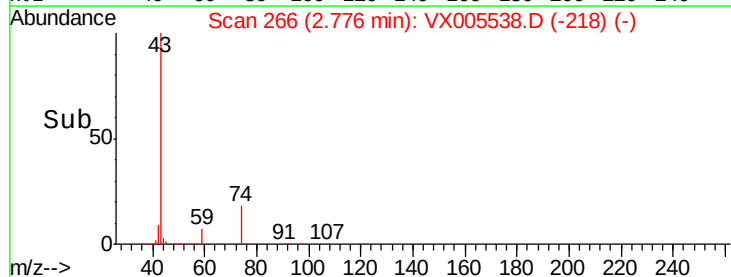
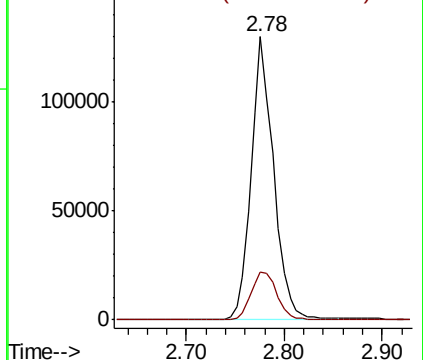
43 100

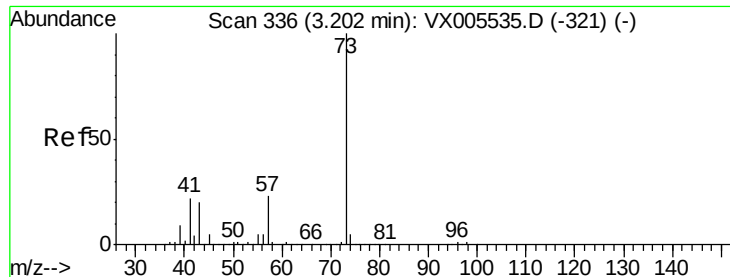
74 19.3 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



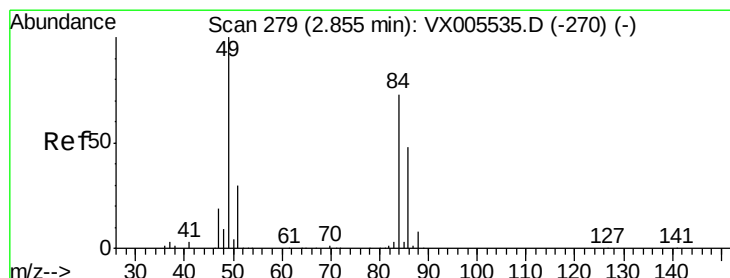
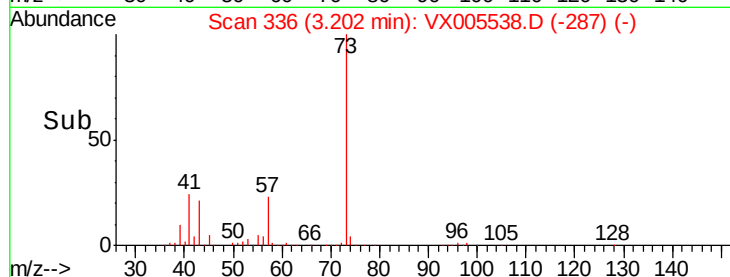
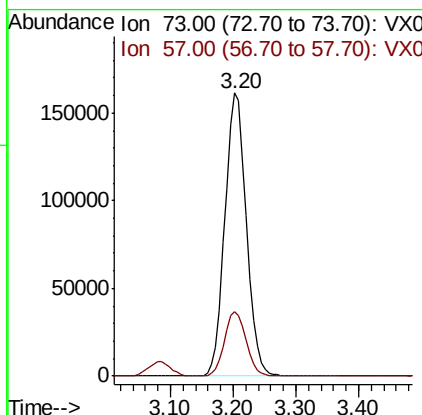
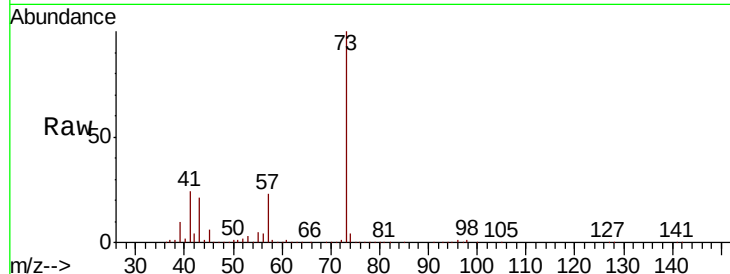


#19

Methyl tert-butyl Ether
 Concen: 48.488 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

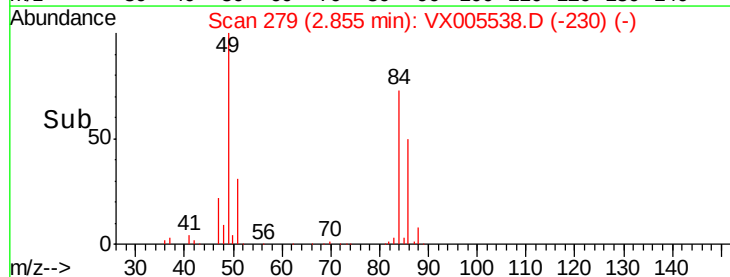
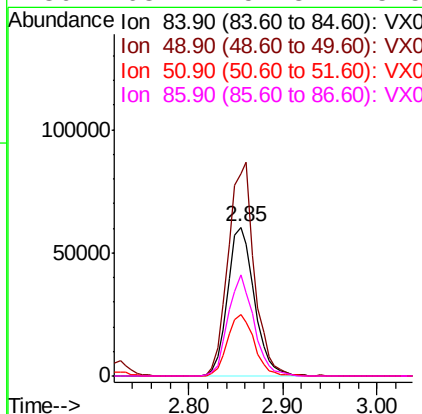
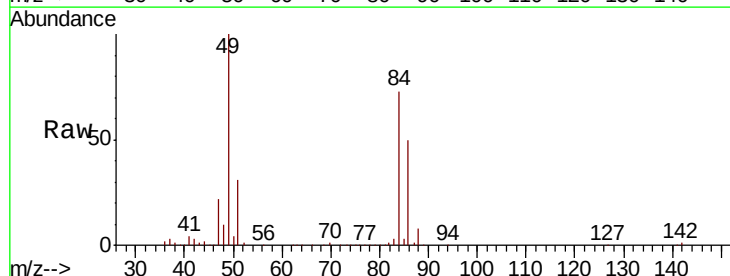
Tot Ion: 73 Resp: 382545
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.1 25.7

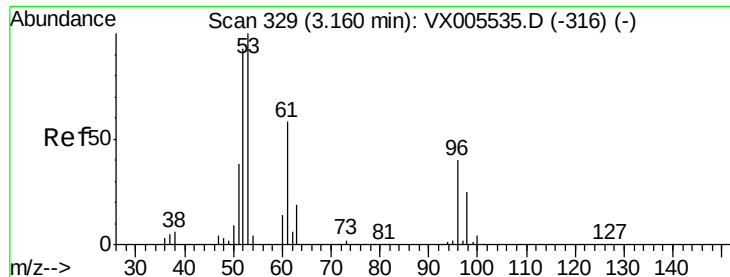


#20

Methylene Chloride
 Concen: 46.909 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 84 Resp: 119401
 Ion Ratio Lower Upper
 84 100
 49 136.1 101.2 151.8
 51 41.6 29.5 44.3
 86 68.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 45.933 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

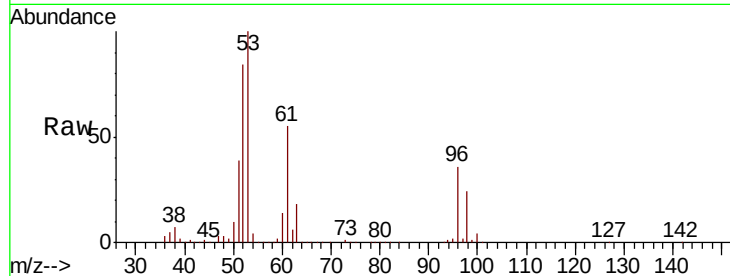
Tot Ion: 96 Resp: 110921

Ion Ratio Lower Upper

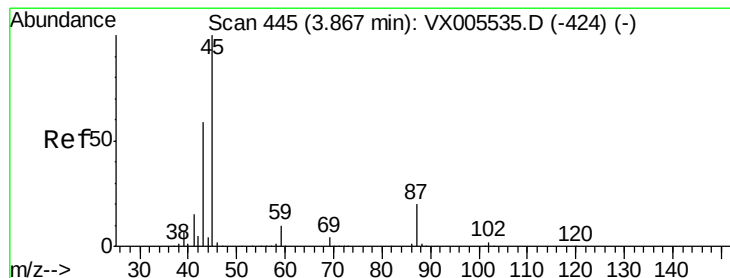
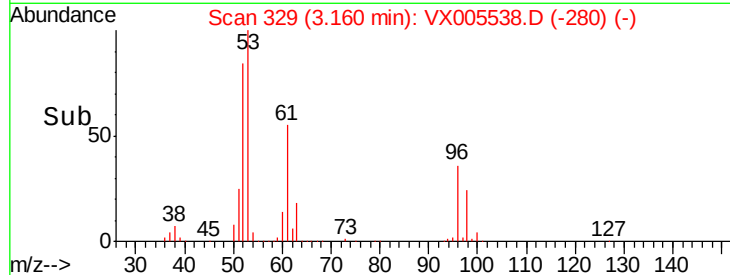
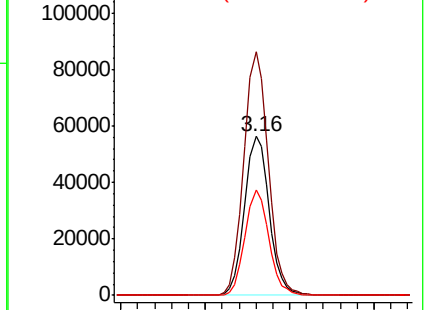
96 100

61 153.0 113.8 170.6

98 66.1 51.8 77.8



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: 48.412 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion: 45 Resp: 417305

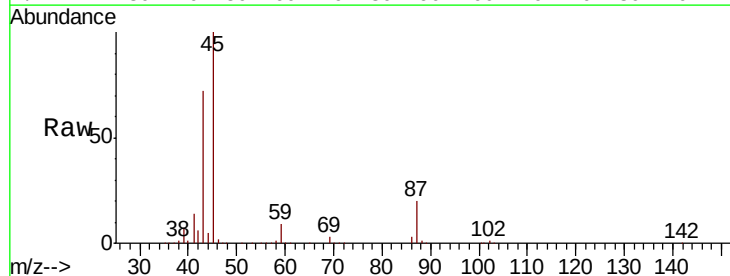
Ion Ratio Lower Upper

45 100

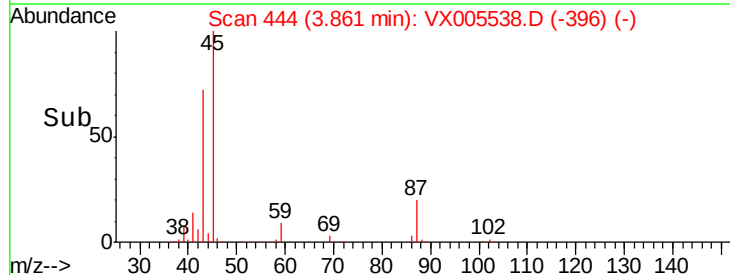
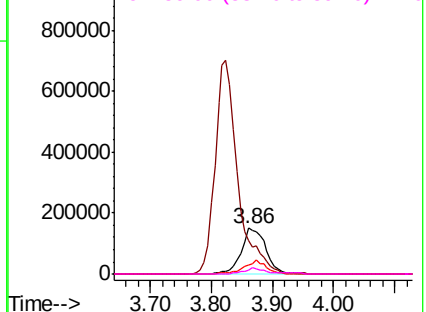
43 72.2 42.8 64.2#

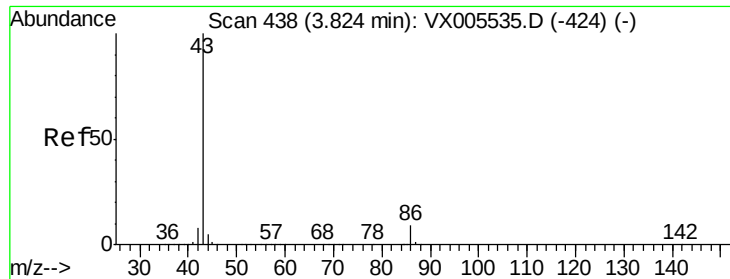
87 19.7 22.6 34.0#

59 8.6 9.6 14.4#



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: 241.548 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

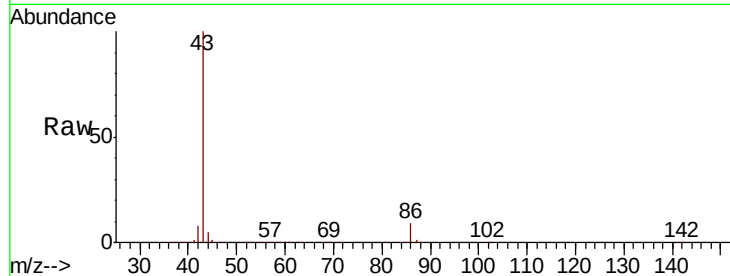
ICVVX102418

Tot Ion: 43 Resp: 1833735

Ion Ratio Lower Upper

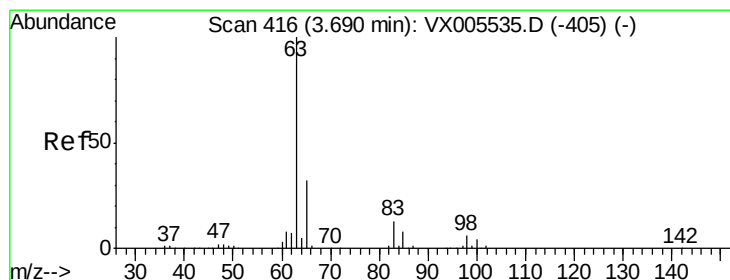
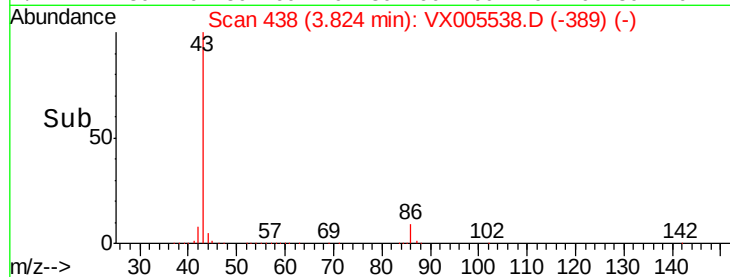
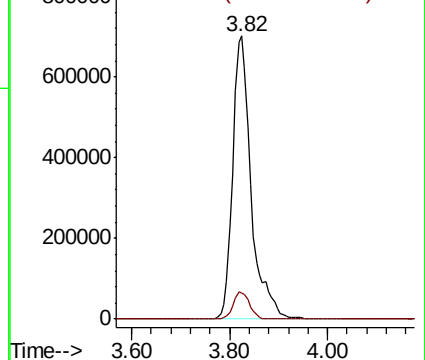
43 100

86 9.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.621 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

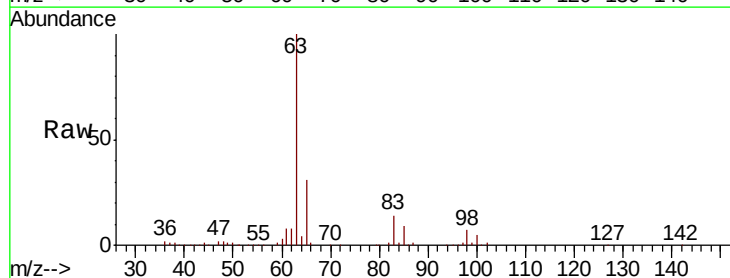
Tgt Ion: 63 Resp: 218490

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

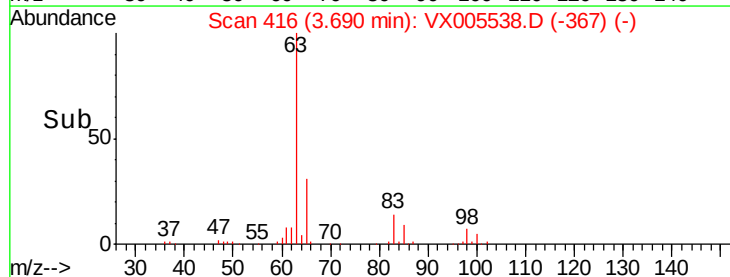
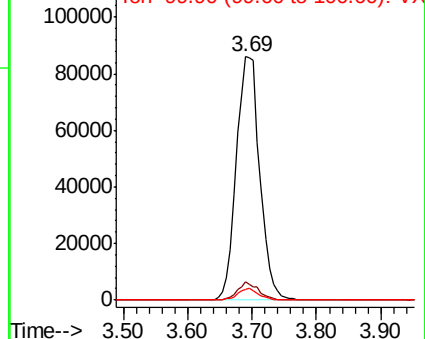
100 4.6 2.4 7.1

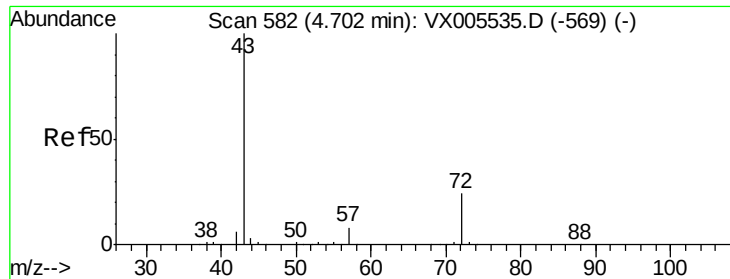


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.539 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

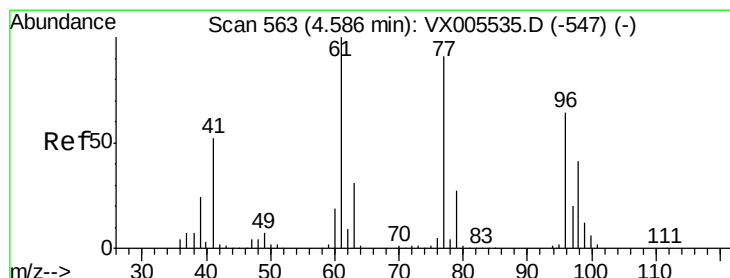
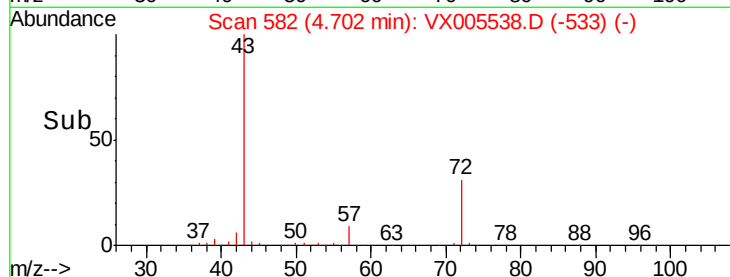
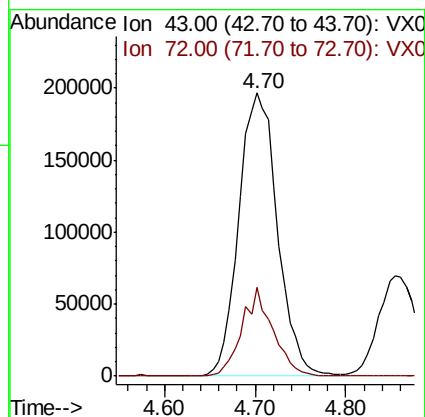
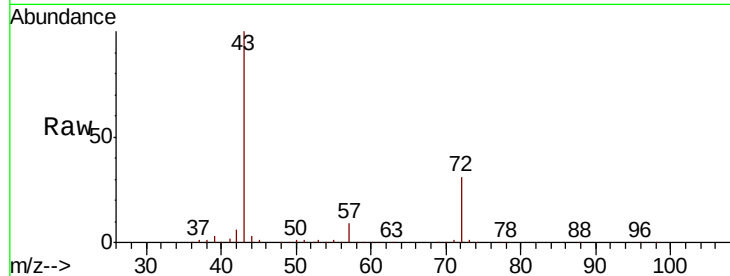
ICVVX102418

Tot Ion: 43 Resp: 579830

Ion Ratio Lower Upper

43 100

72 31.3 22.0 33.0



#26

2,2-Dichloropropane

Concen: 50.480 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005538.D

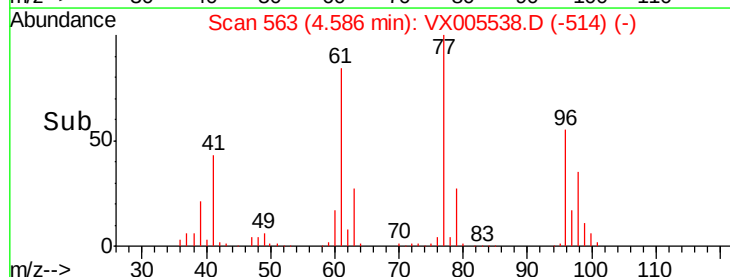
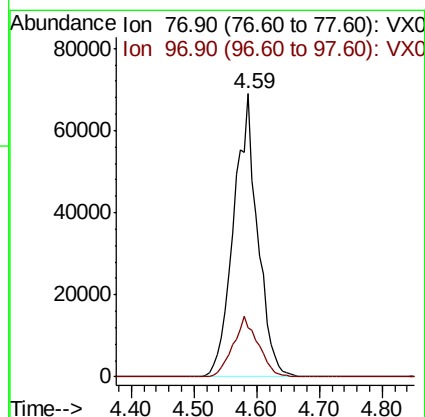
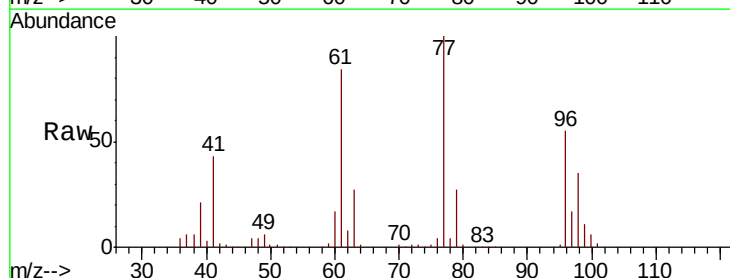
Acq: 24 Oct 2018 13:18

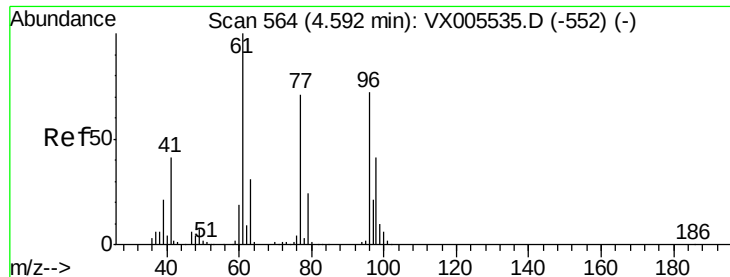
Tgt Ion: 77 Resp: 182643

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0

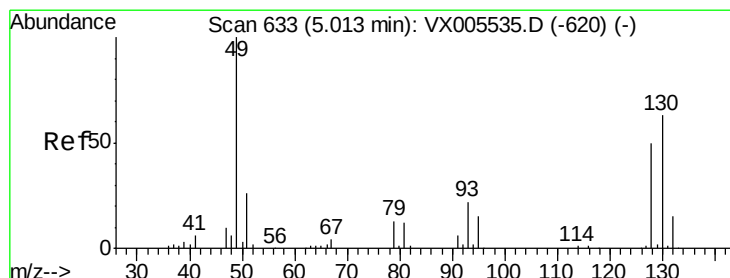
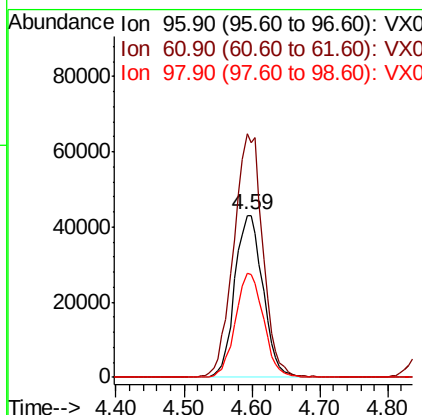
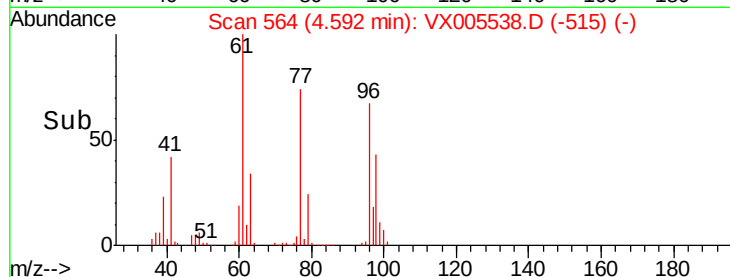
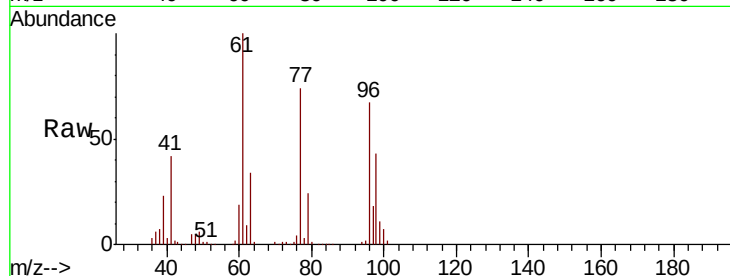




#27
 cis-1,2-Dichloroethene
 Concen: 47.642 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

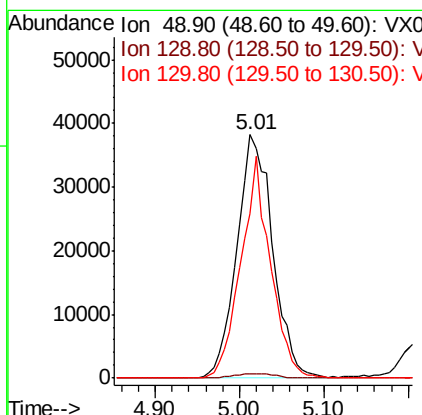
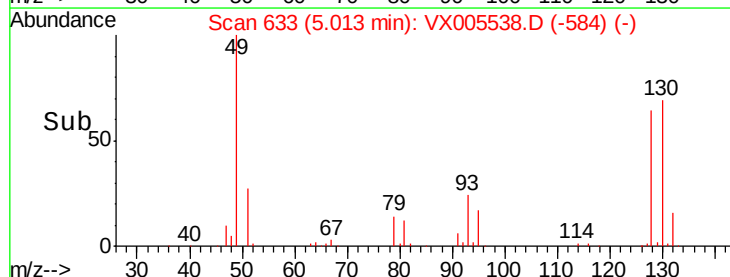
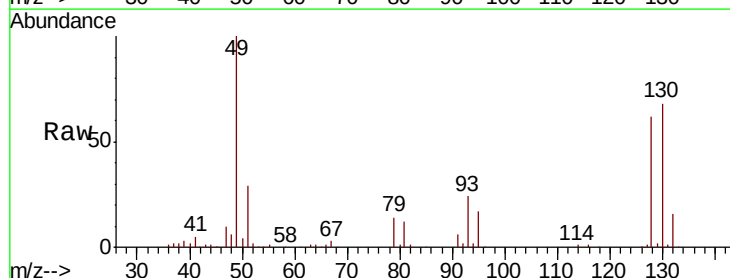
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

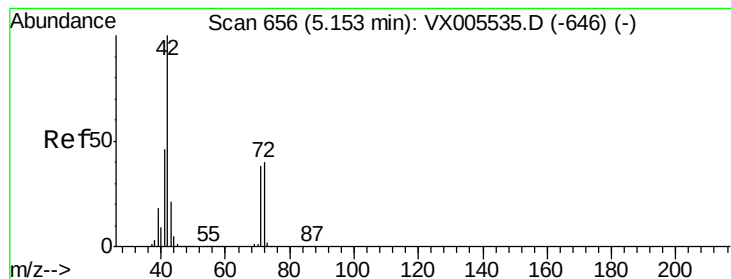
Tot Ion: 96 Resp: 124032
 Ion Ratio Lower Upper
 96 100
 61 154.9 0.0 282.6
 98 63.9 0.0 130.2



#28
 Bromochloromethane
 Concen: 48.593 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 49 Resp: 110144
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 252.147 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

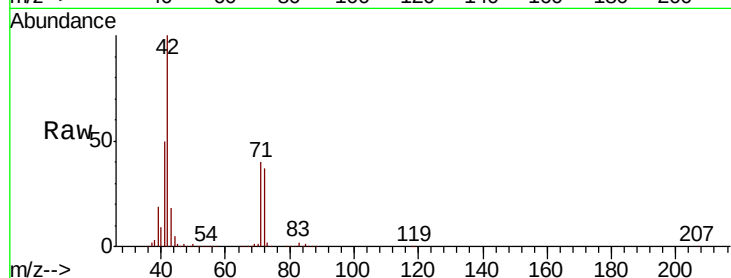
Tot Ion: 42 Resp: 379762

Ion Ratio Lower Upper

42 100

72 40.0 37.4 56.0

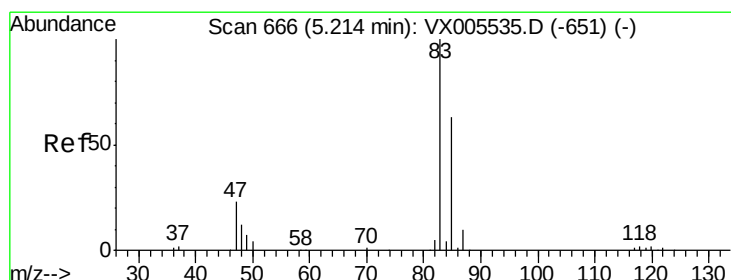
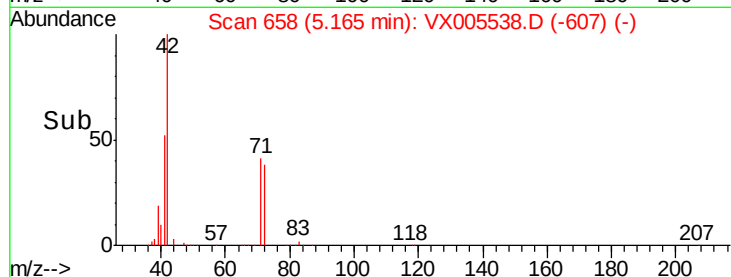
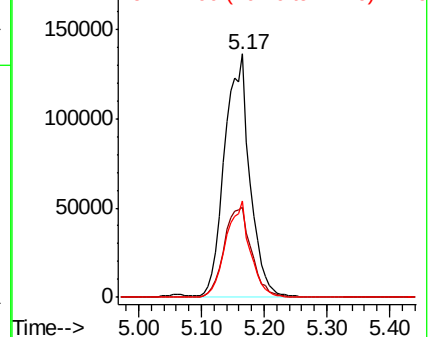
71 37.5 34.5 51.7



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: 47.934 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005538.D

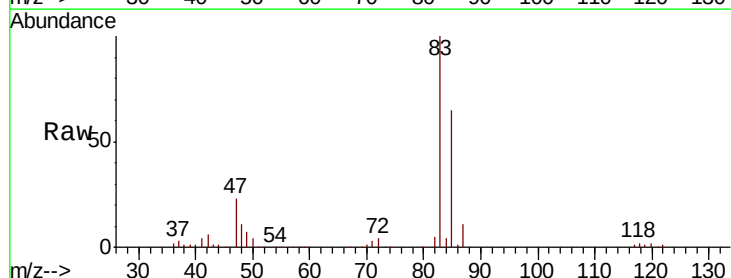
Acq: 24 Oct 2018 13:18

Tgt Ion: 83 Resp: 210129

Ion Ratio Lower Upper

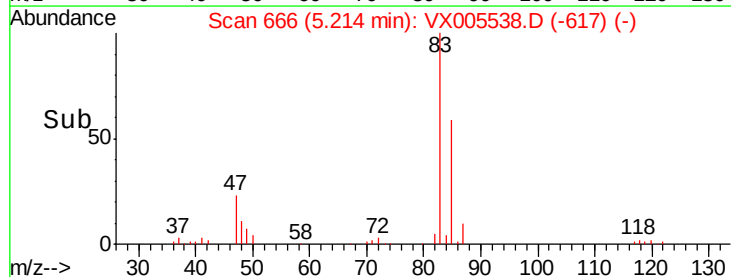
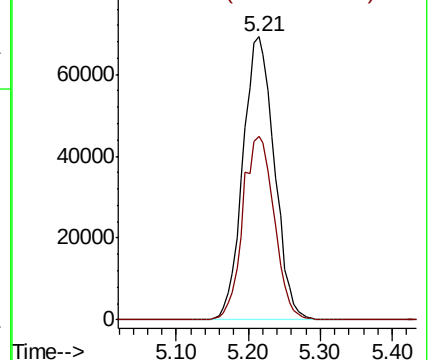
83 100

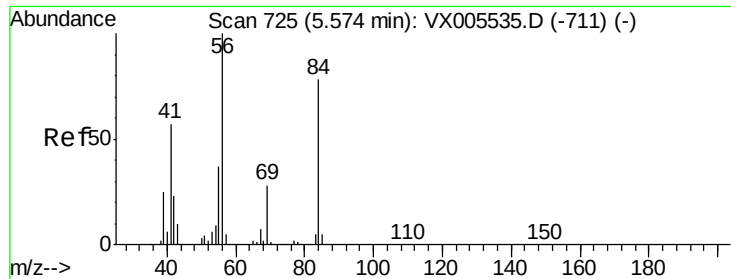
85 64.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

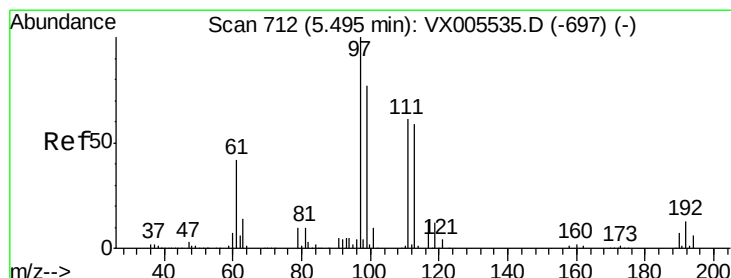
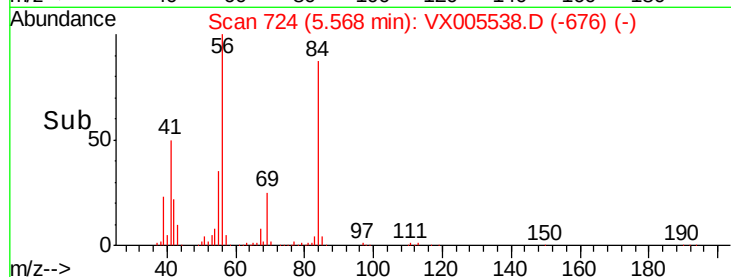
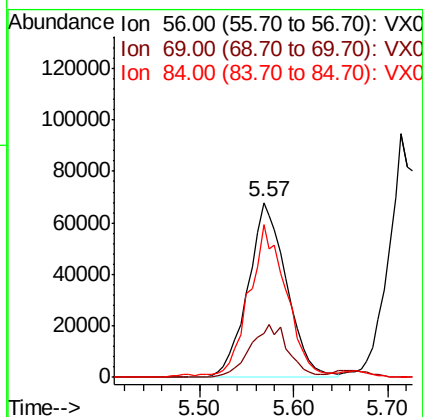
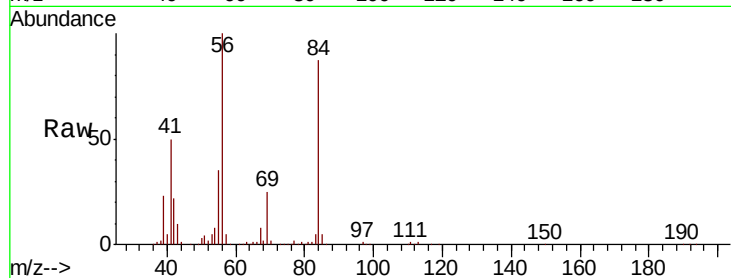




#31
Cyclohexane
Concen: 50.074 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

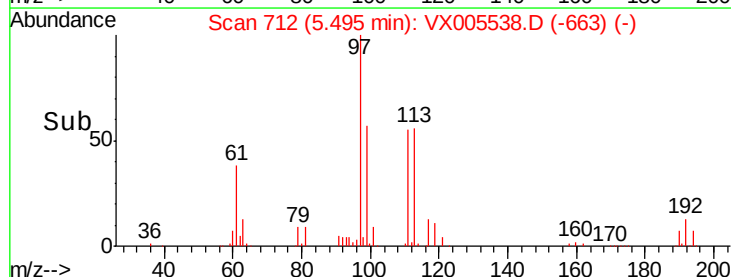
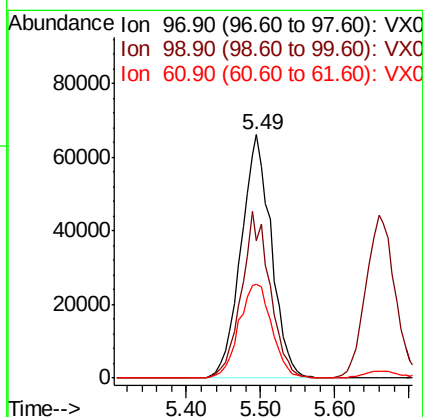
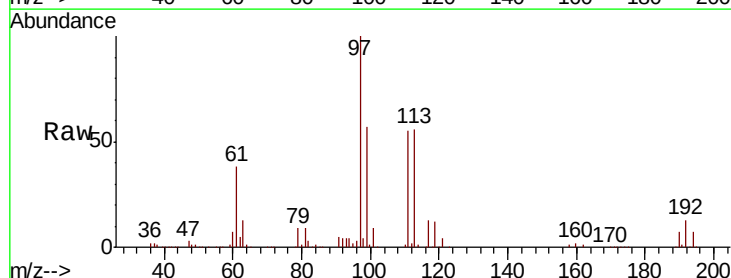
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

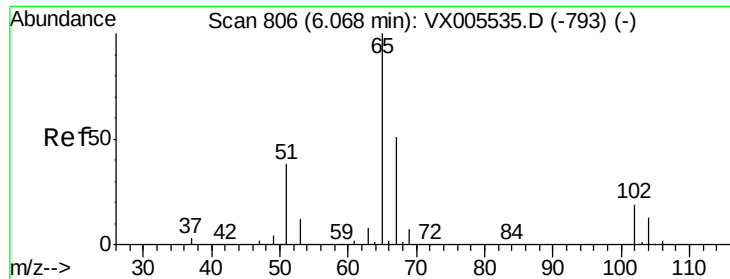
Tot Ion: 56 Resp: 194166
Ion Ratio Lower Upper
56 100
69 25.1 25.4 38.2#
84 85.9 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 48.812 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 97 Resp: 188861
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.1 34.9 52.3

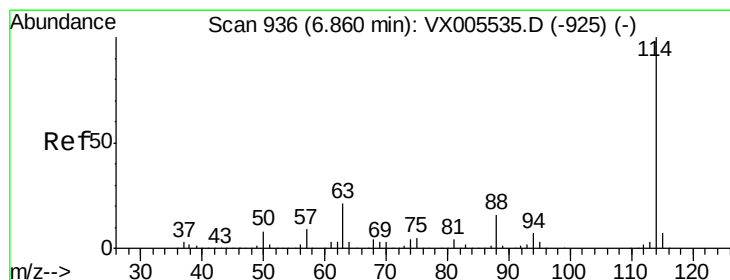
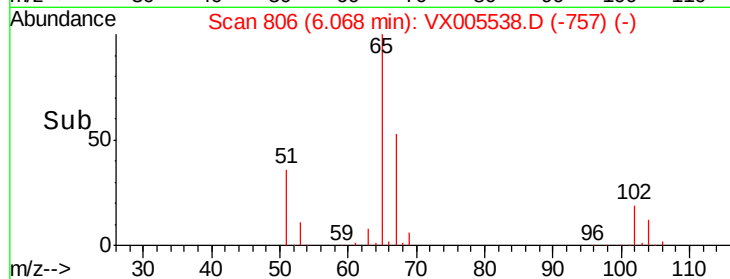
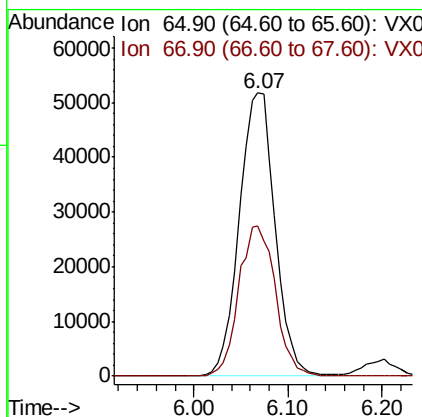
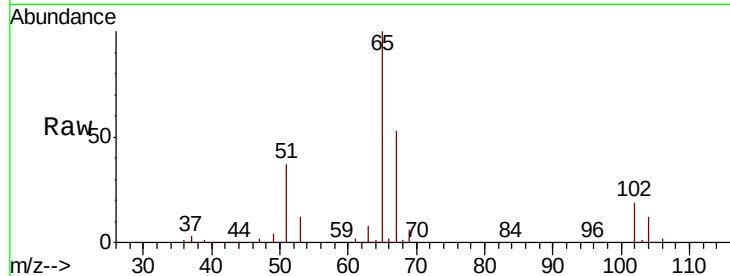




#33
 1,2-Dichloroethane-d4
 Concen: 47.910 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

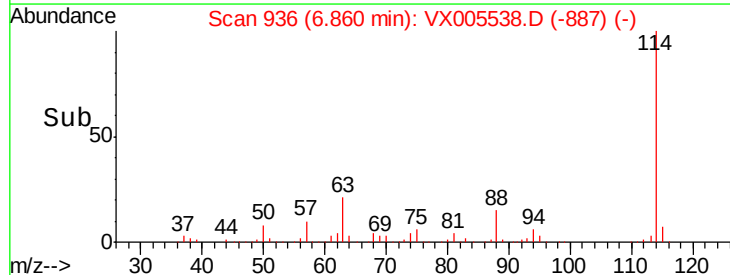
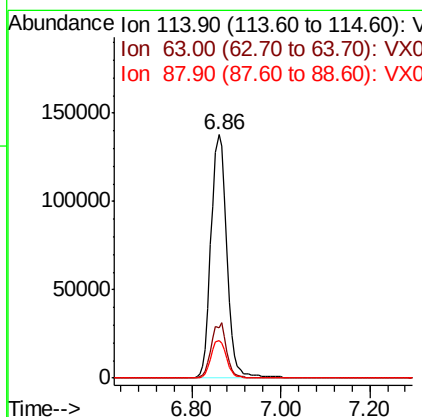
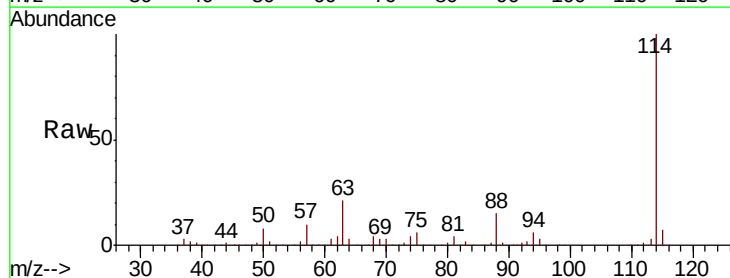
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

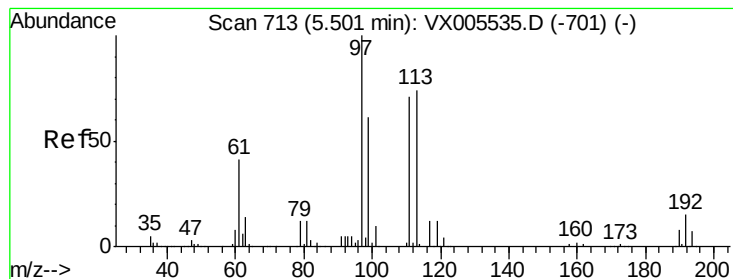
Tot Ion: 65 Resp: 137796
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 114 Resp: 339068
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.665 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

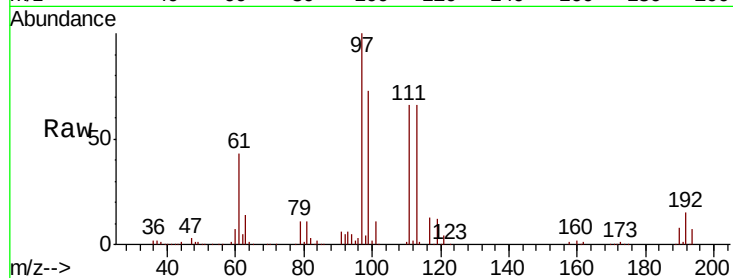
Tot Ion:113 Resp: 109434

Ion Ratio Lower Upper

113 100

111 99.8 82.4 123.6

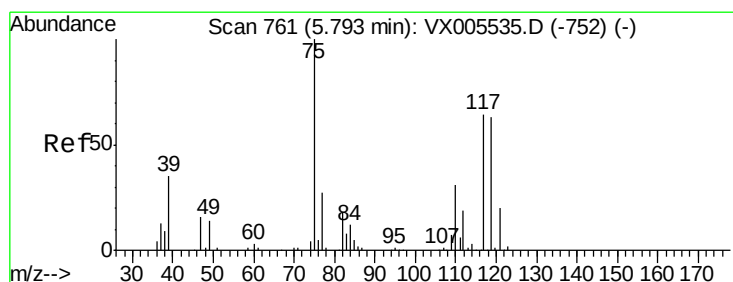
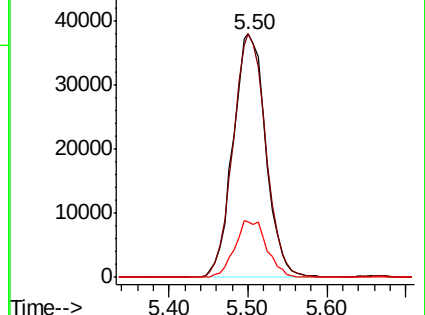
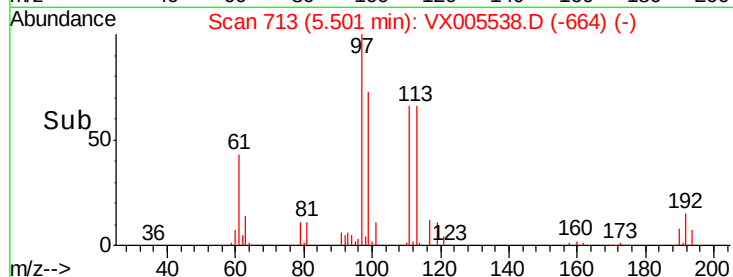
192 22.8 19.4 29.2



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: 48.093 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

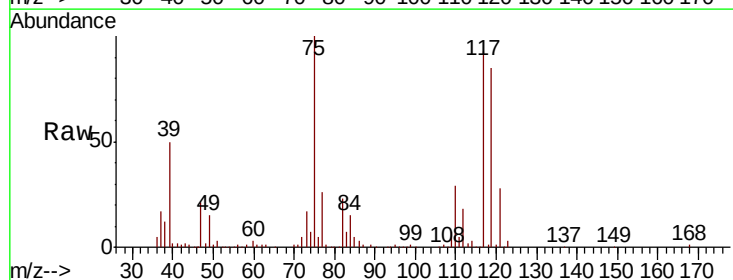
Tgt Ion: 75 Resp: 158252

Ion Ratio Lower Upper

75 100

110 35.1 18.0 54.0

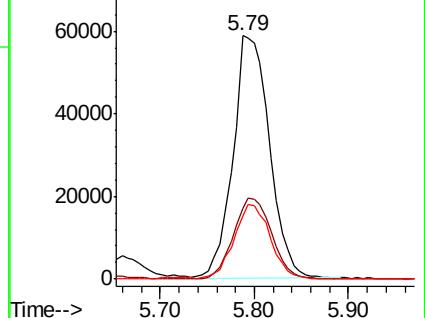
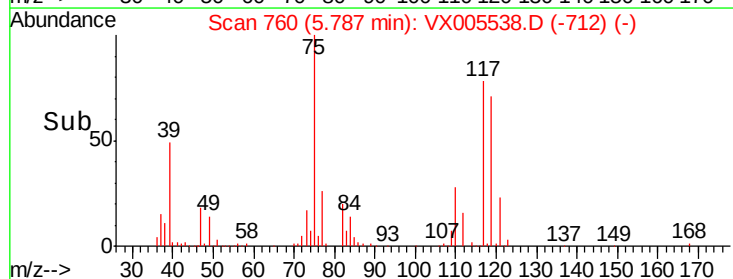
77 30.4 24.6 36.8

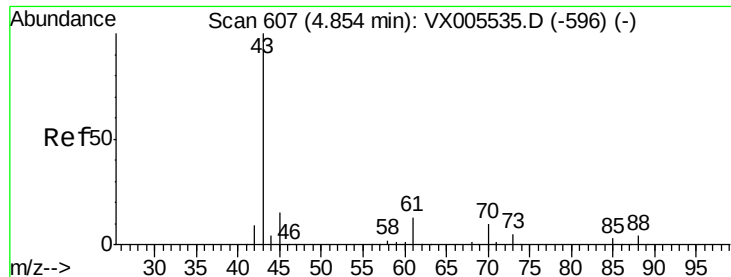


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.179 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

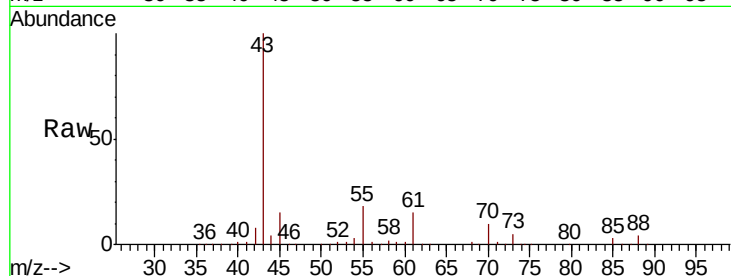
Tot Ion: 43 Resp: 210699

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

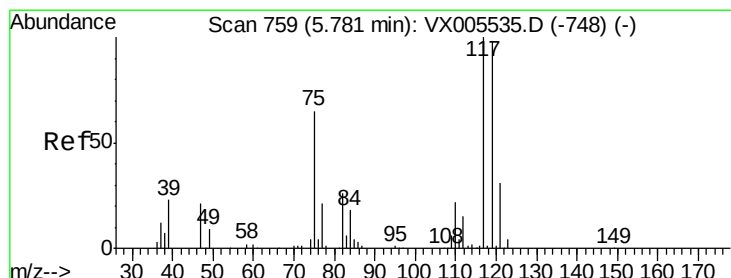
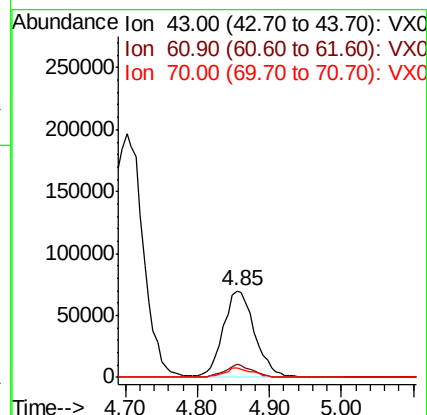
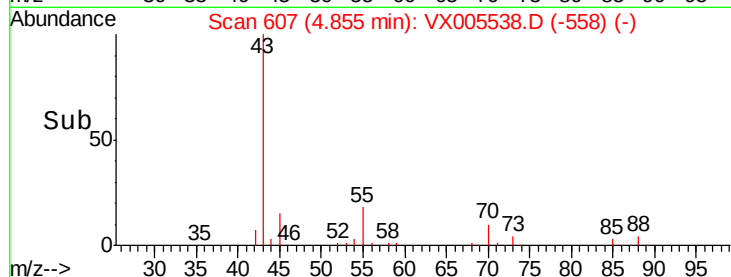
70 10.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.511 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

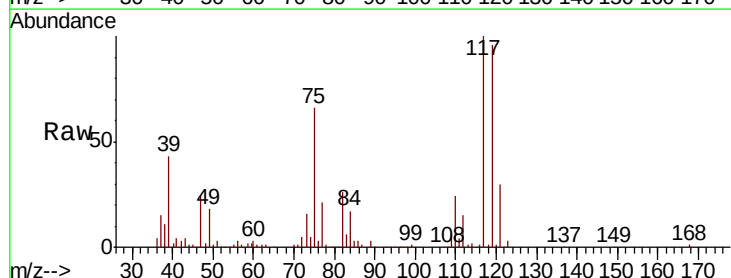
Tgt Ion: 117 Resp: 161191

Ion Ratio Lower Upper

117 100

119 96.1 78.8 118.2

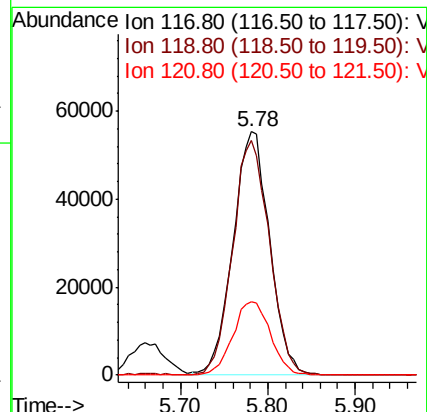
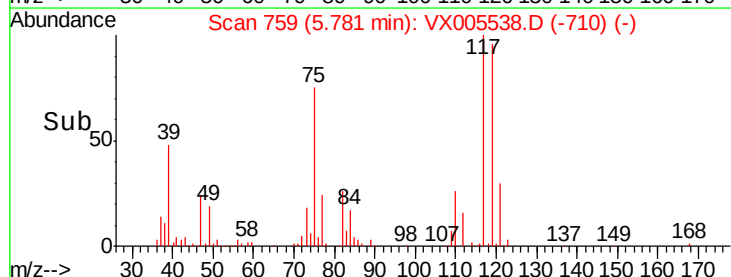
121 30.1 24.9 37.3

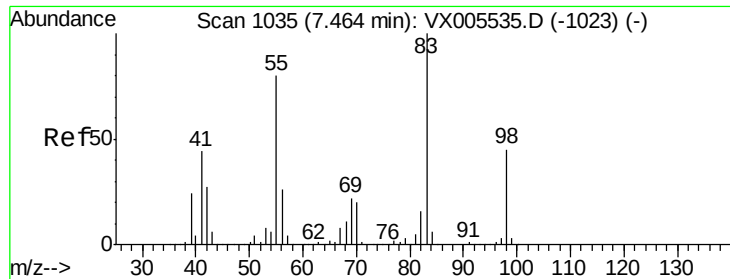


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

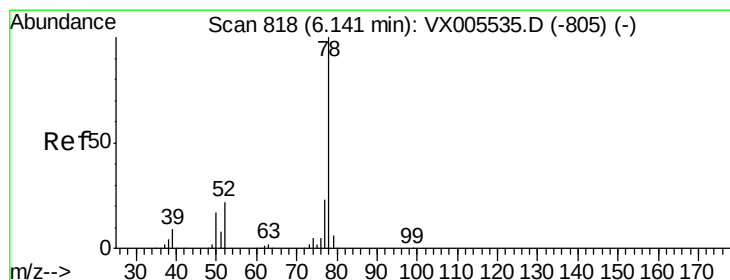
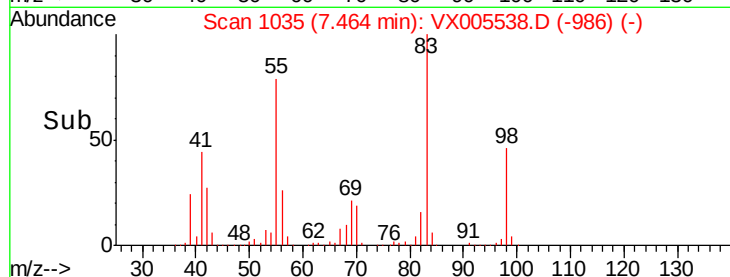
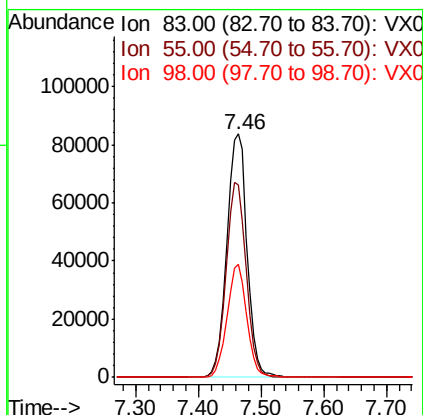
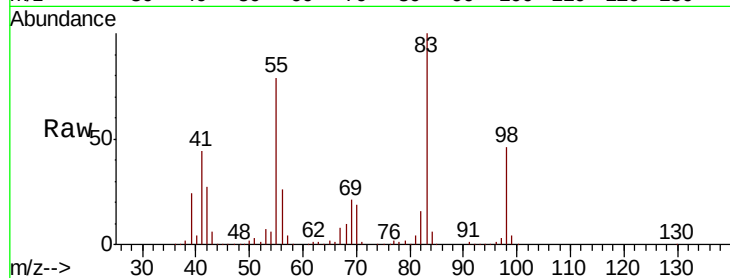




#39
Methylvlcyclohexane
Concen: 51.358 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

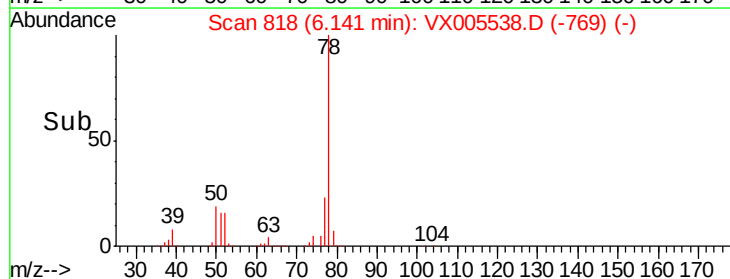
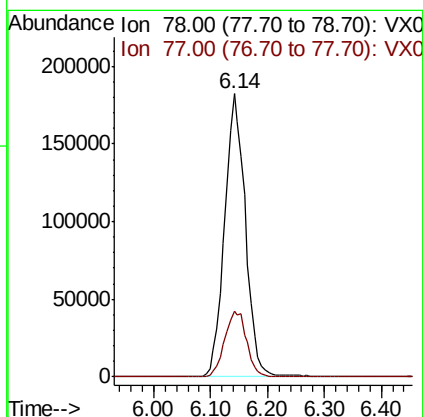
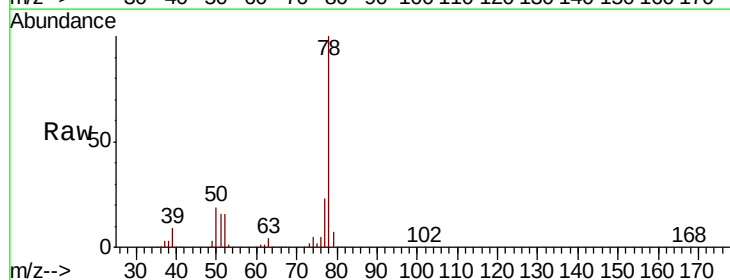
Instrument :
MSVOA_X
ClientSampled :
ICVVX102418

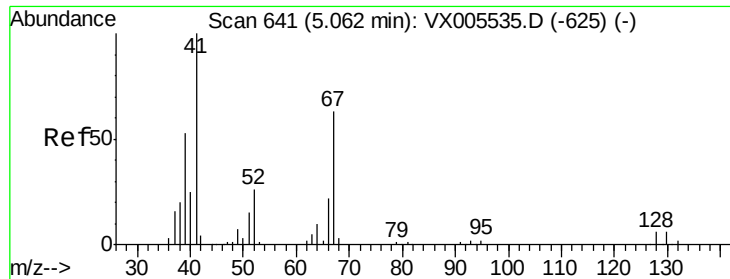
Tot Ion: 83 Resp: 186609
Ion Ratio Lower Upper
83 100
55 79.3 61.0 91.4
98 46.4 39.6 59.4



#40
Benzene
Concen: 49.306 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 78 Resp: 465084
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

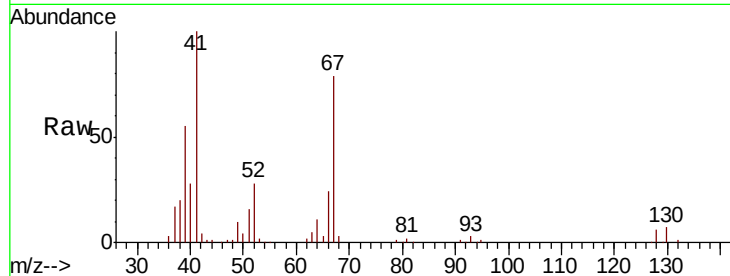




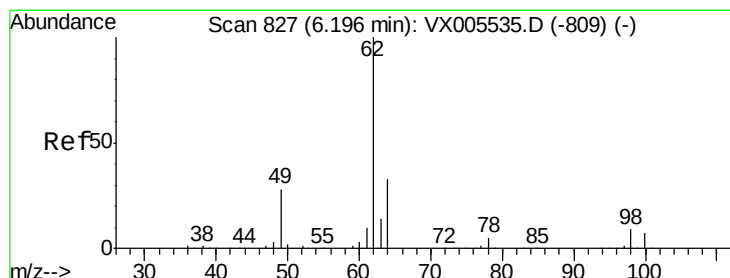
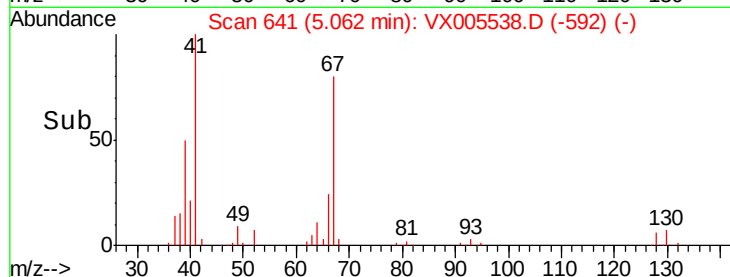
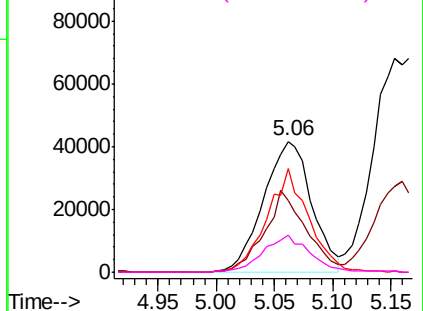
#41
Methacrylonitrile
Concen: 50.827 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Instrument :
MSVOA_X
ClientSampled :
ICVVX102418

Tot Ion:	41	Resp:	118882
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.4	63.6
67	69.5	59.2	88.8
52	27.2	23.0	34.4

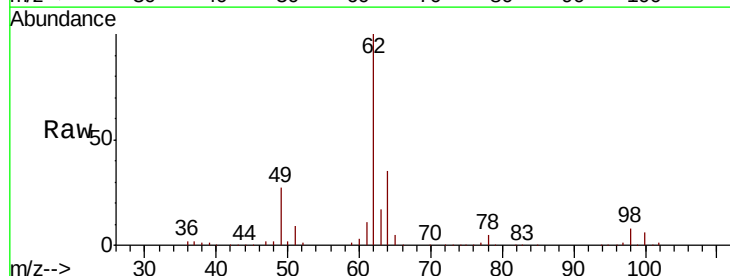


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

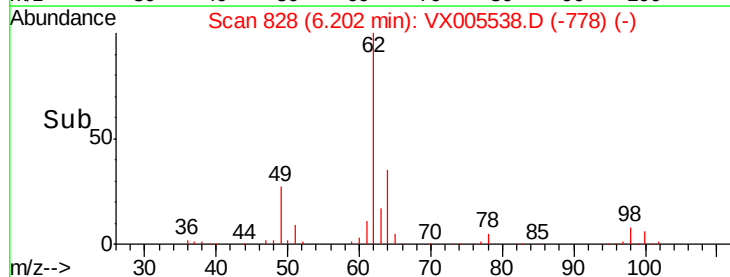
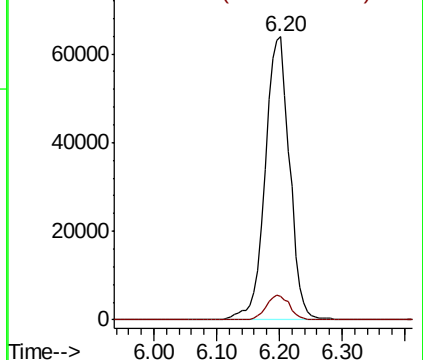


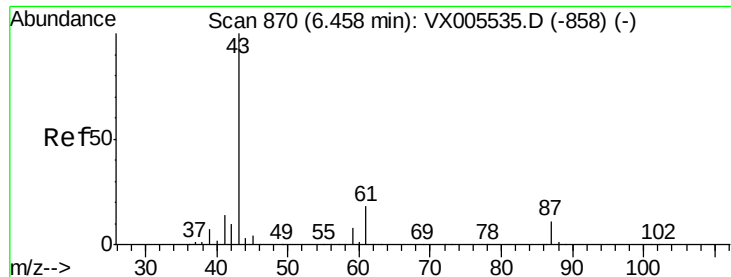
#42
1,2-Dichloroethane
Concen: 47.980 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion:	62	Resp:	171929
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.159 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

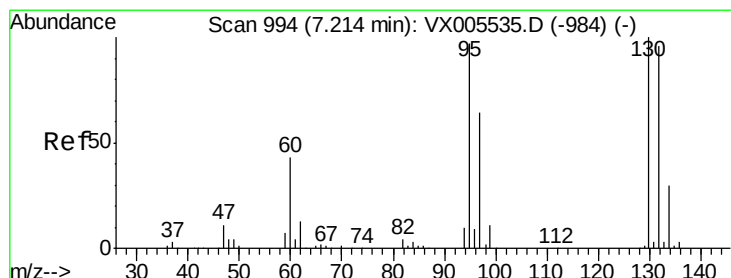
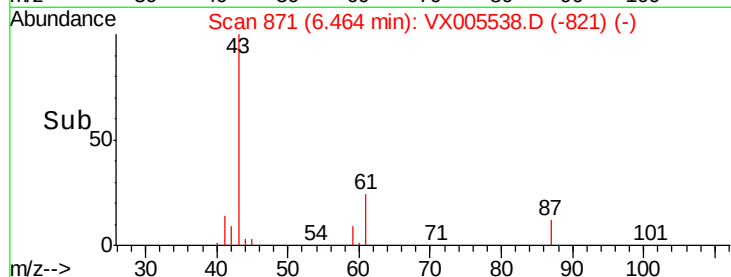
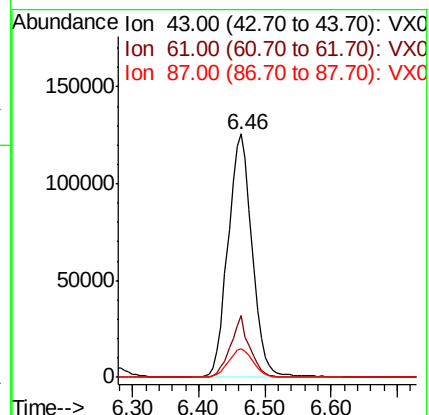
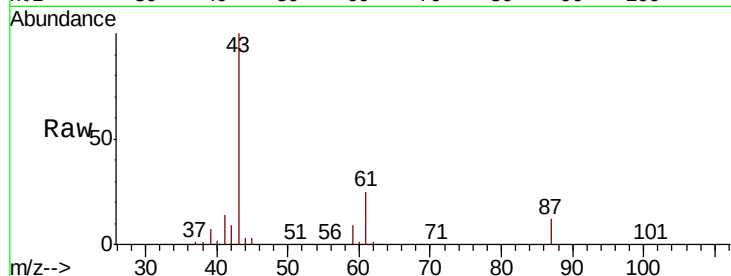
Tot Ion: 43 Resp: 315612

Ion Ratio Lower Upper

43 100

61 20.4 17.0 25.4

87 12.0 11.4 17.2



#44

Trichloroethene

Concen: 48.306 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005538.D

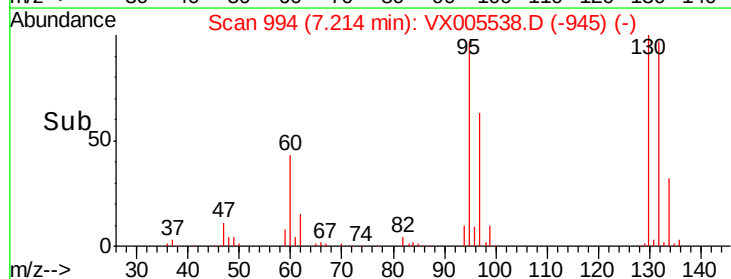
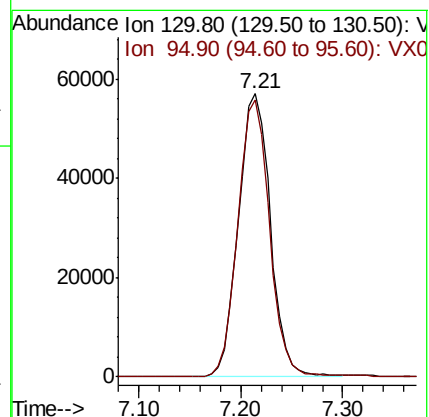
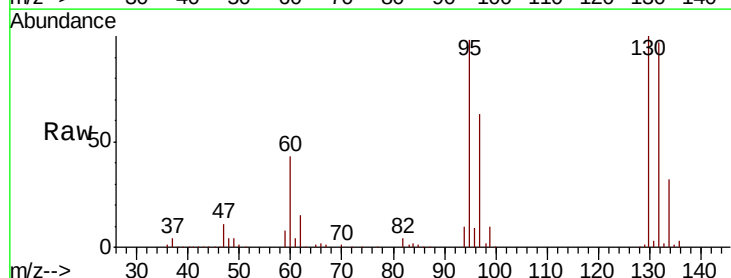
Acq: 24 Oct 2018 13:18

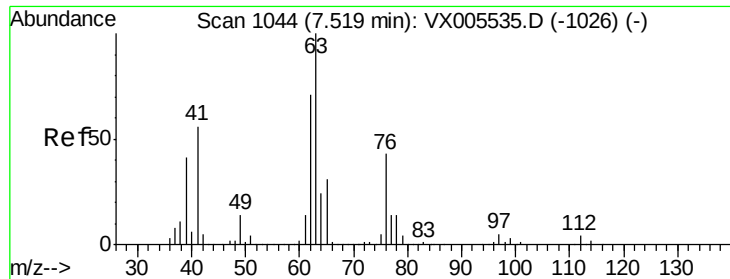
Tgt Ion:130 Resp: 124132

Ion Ratio Lower Upper

130 100

95 97.6 0.0 181.6

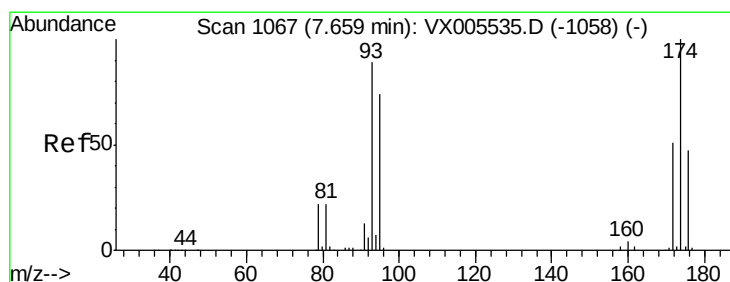
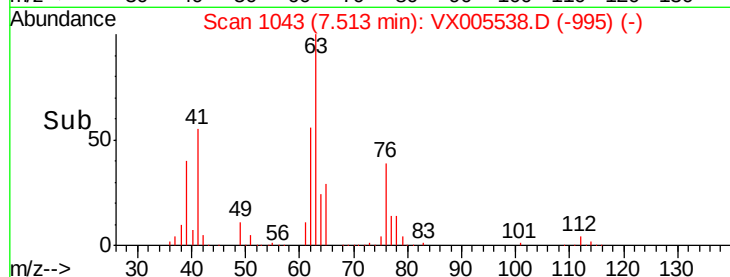
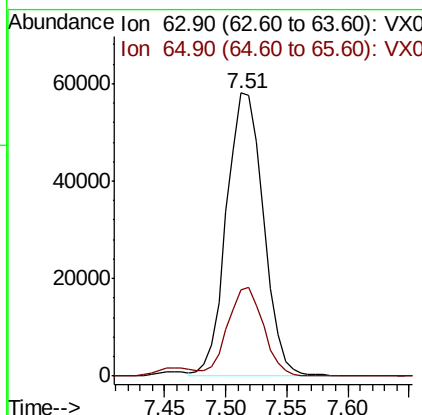
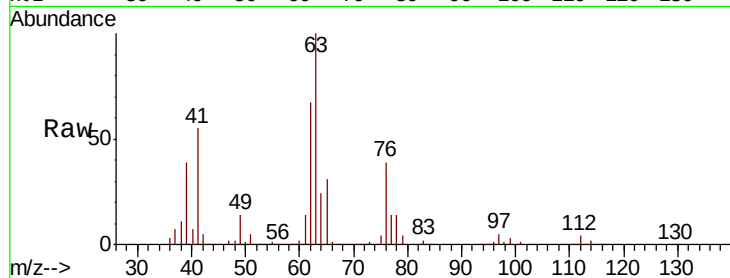




#45
 1,2-Dichloropropane
 Concen: 47.715 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

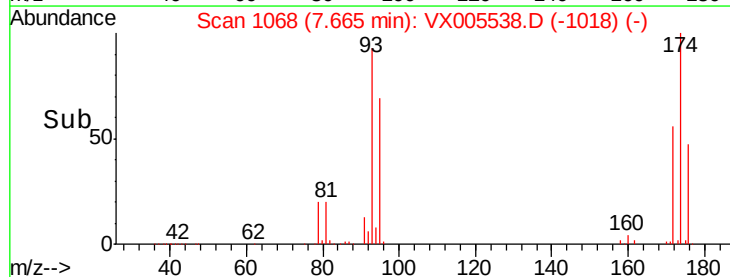
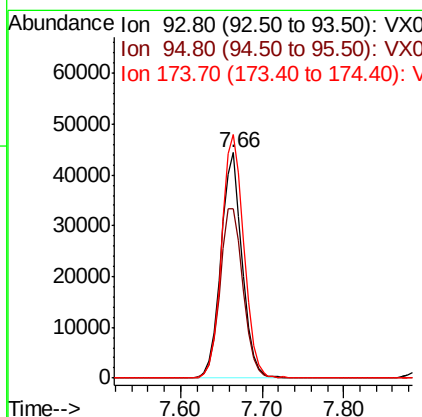
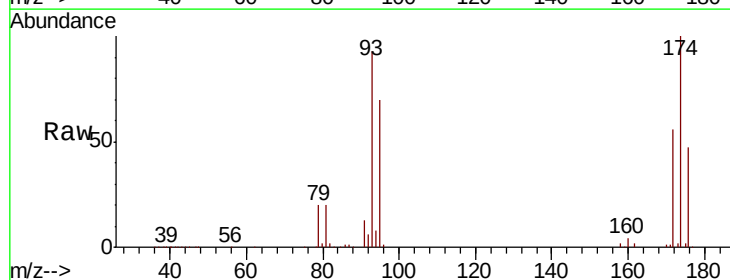
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

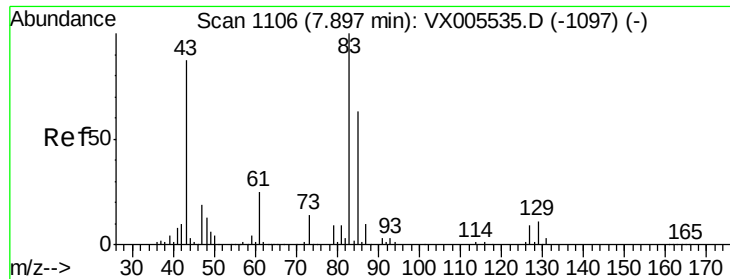
Tot Ion: 63 Resp: 121005
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 48.815 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 93 Resp: 79954
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.5 98.3
 174 112.7 94.2 141.4





#47

Bromodichloromethane

Concen: 48.284 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

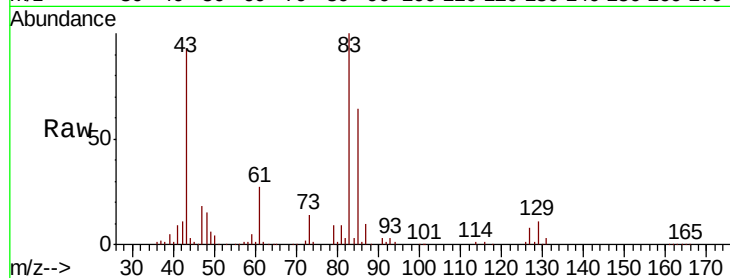
Tot Ion: 83 Resp: 153491

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3

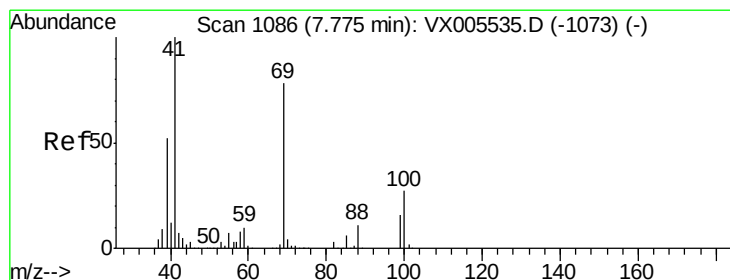
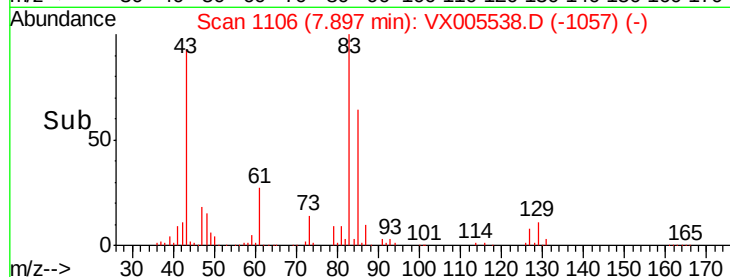
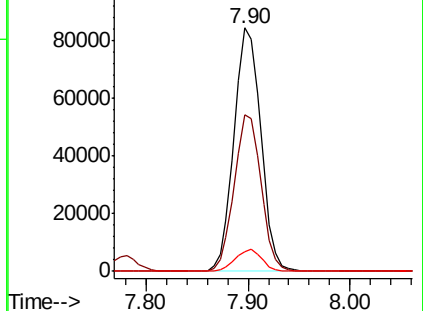
127 8.1 7.3 10.9



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: 51.882 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

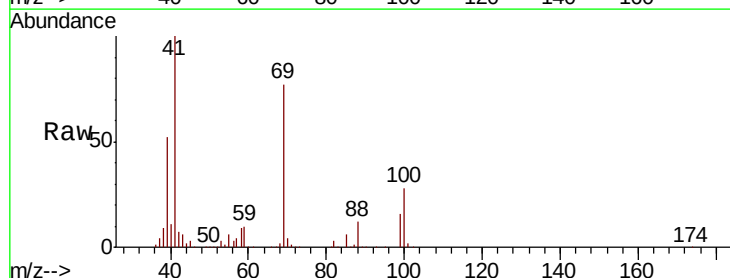
Tgt Ion: 41 Resp: 159035

Ion Ratio Lower Upper

41 100

69 78.3 70.2 105.4

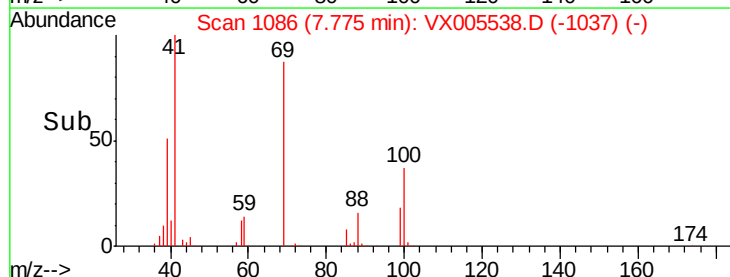
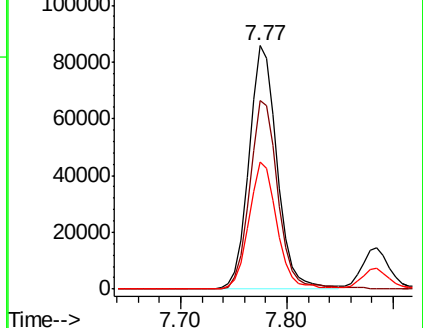
39 51.8 42.7 64.1

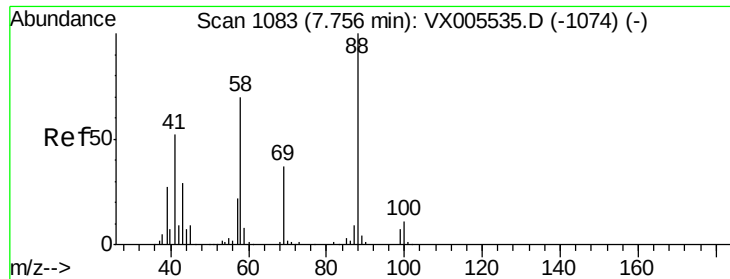


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

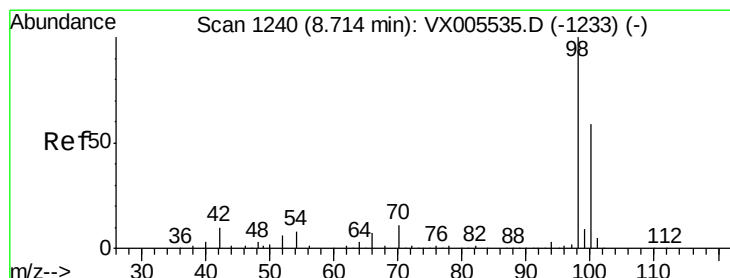
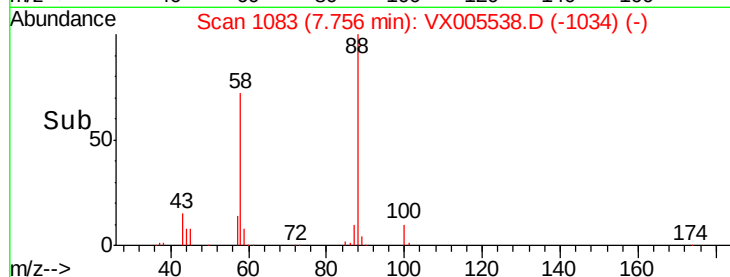
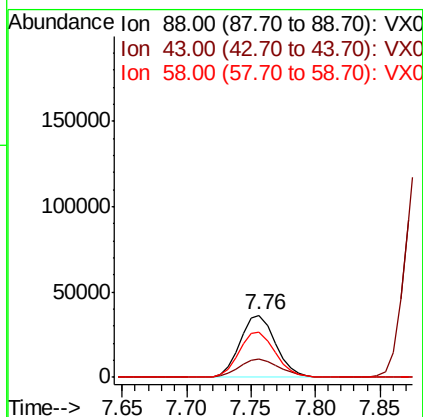
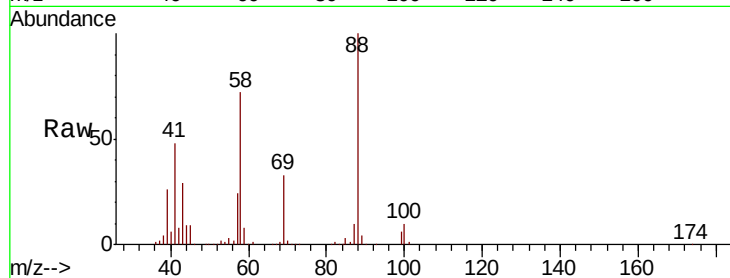




#49
1,4-Dioxane
Concen: 1035.147 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

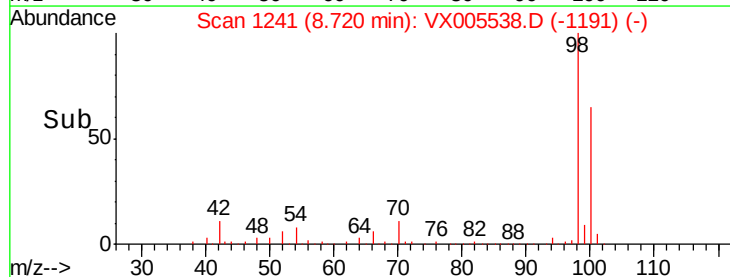
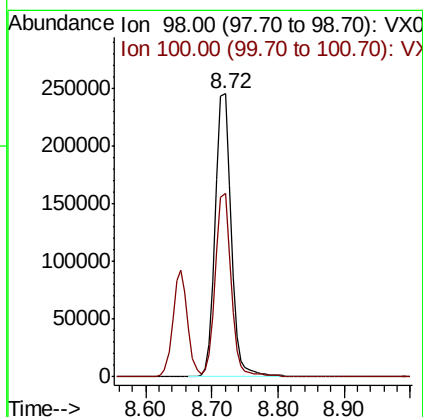
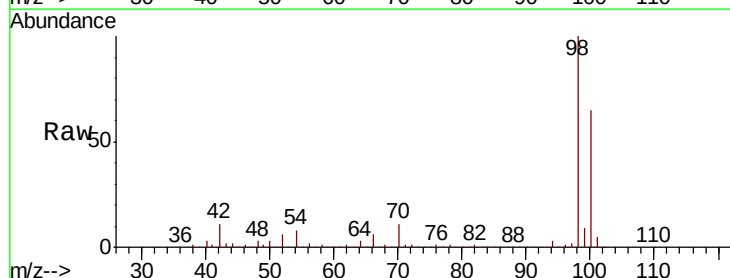
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

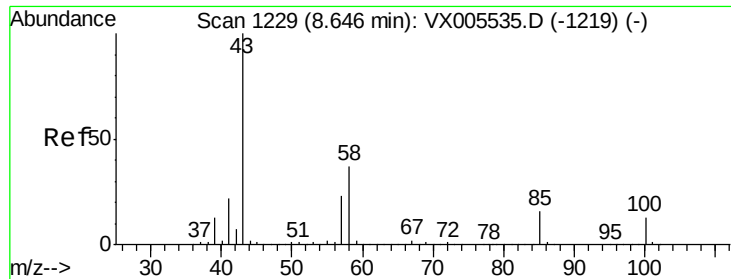
Tot Ion: 88 Resp: 69342
Ion Ratio Lower Upper
88 100
43 33.9 24.7 37.1
58 74.2 55.3 82.9



#50
Toluene-d8
Concen: 49.569 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 98 Resp: 408920
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 254.819 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

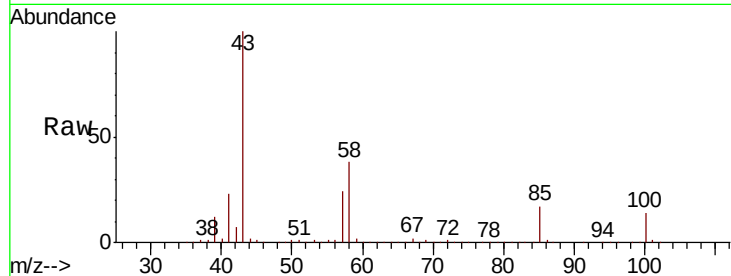
ICVVX102418

Tot Ion: 43 Resp: 1077568

Ion Ratio Lower Upper

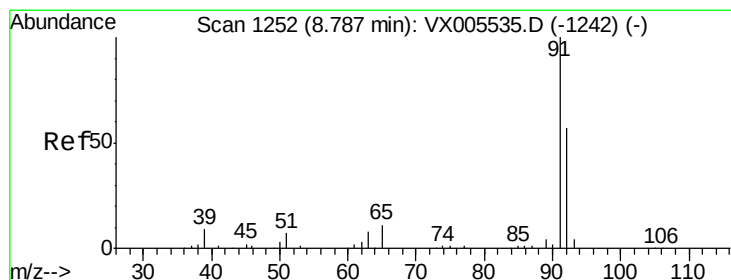
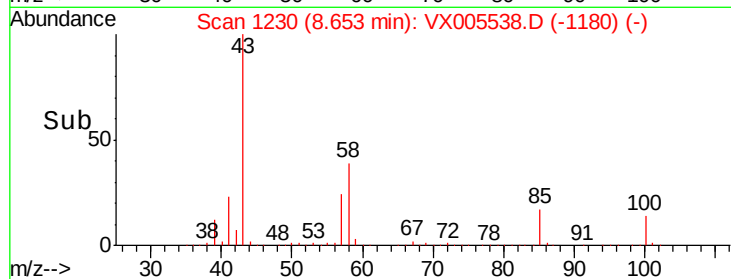
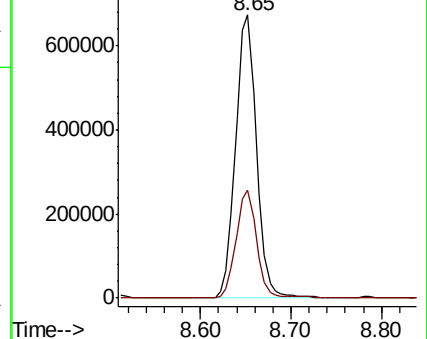
43 100

58 37.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.873 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005538.D

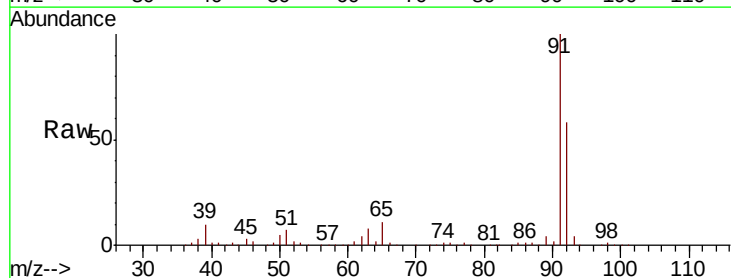
Acq: 24 Oct 2018 13:18

Tgt Ion: 92 Resp: 285906

Ion Ratio Lower Upper

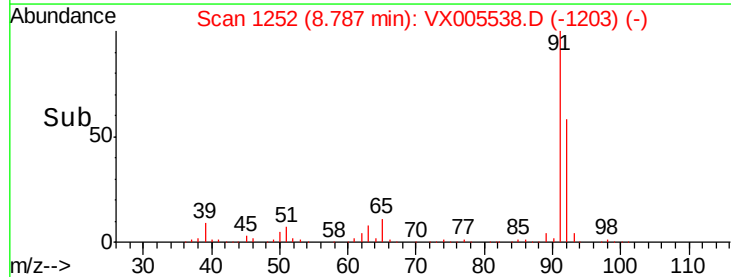
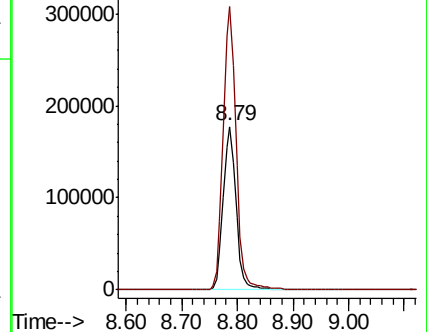
92 100

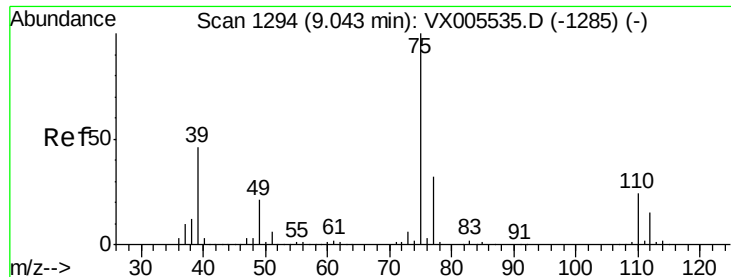
91 174.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

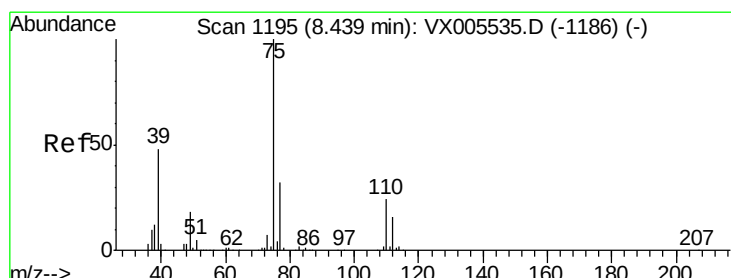
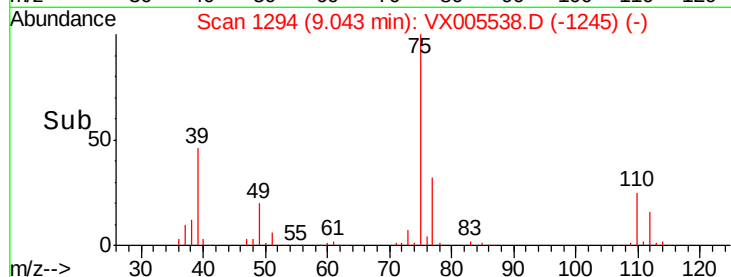
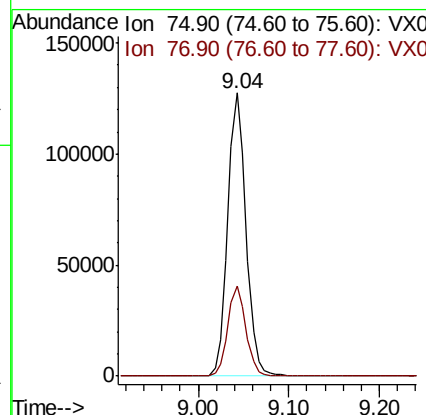
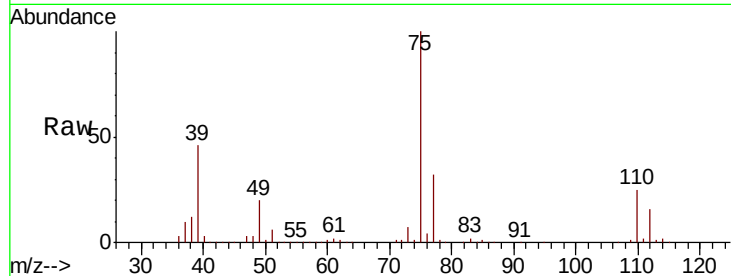




#53
t-1,3-Dichloropropene
Concen: 52.088 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

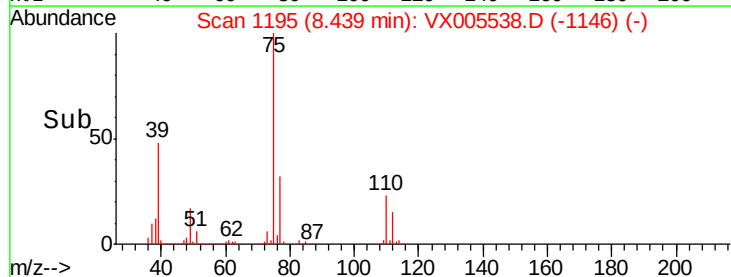
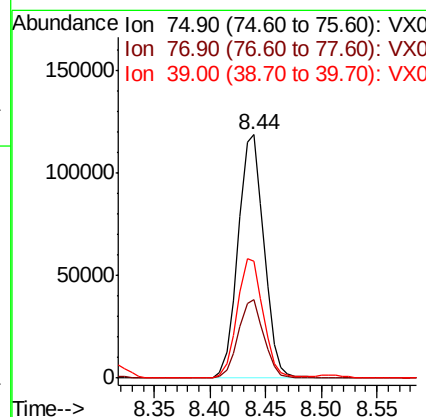
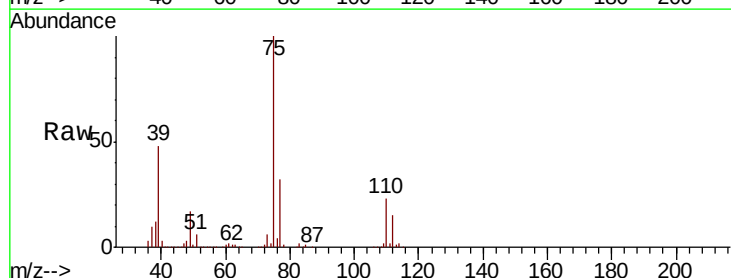
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

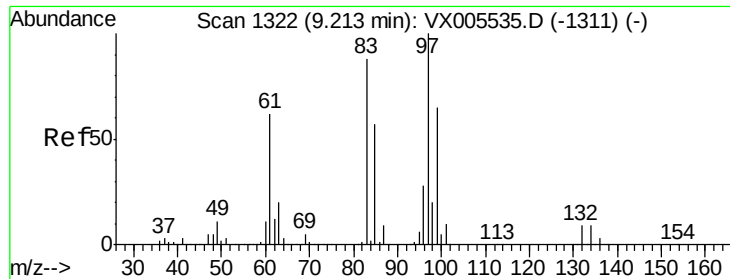
Tot Ion: 75 Resp: 178958
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 51.864 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 75 Resp: 191842
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
39 48.0 36.4 54.6

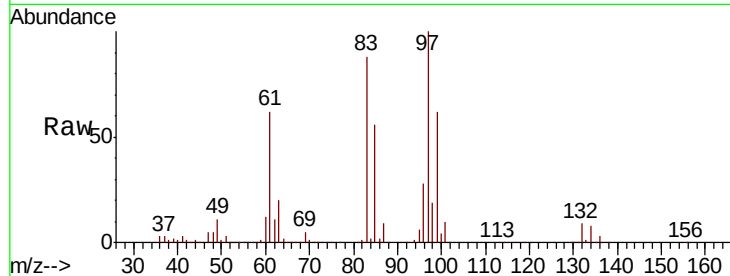




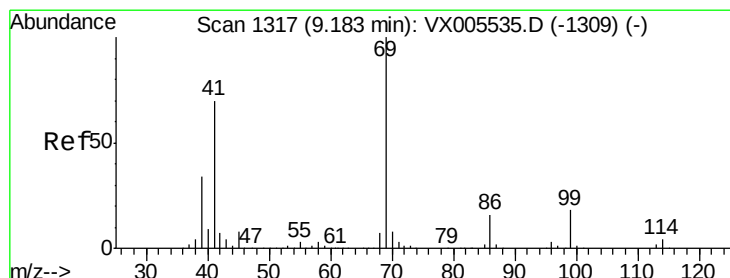
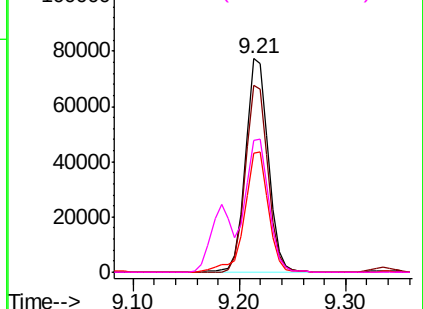
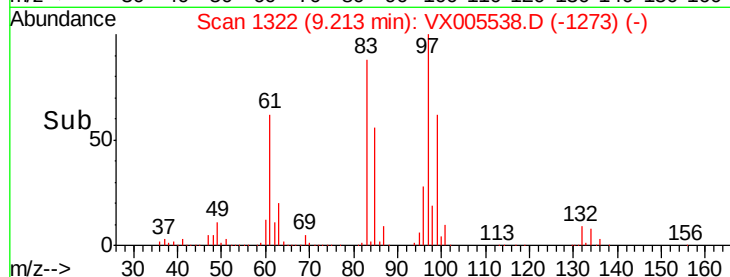
#55
 1,1,2-Trichloroethane
 Concen: 48.064 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion:	97	Resp:	116167
Ion	Ratio	Lower	Upper
97	100		
83	87.5	66.4	99.6
85	55.7	43.3	64.9
99	61.7	49.0	73.4

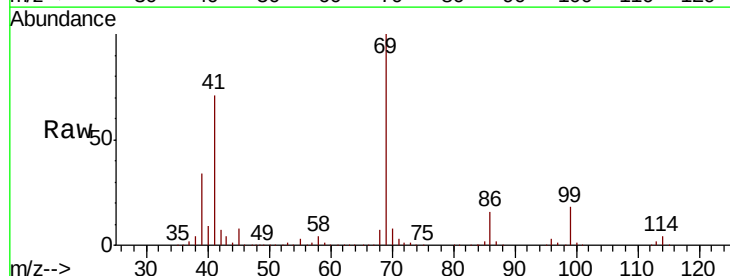


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

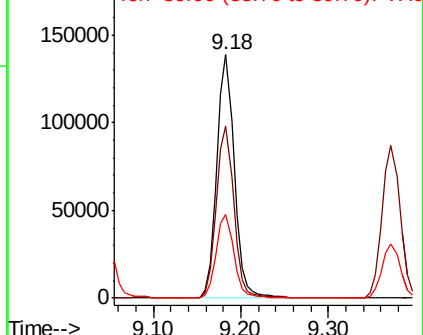
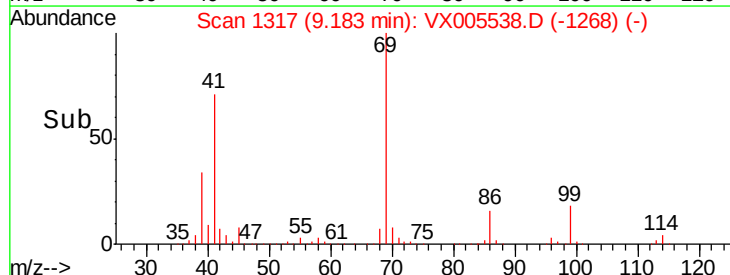


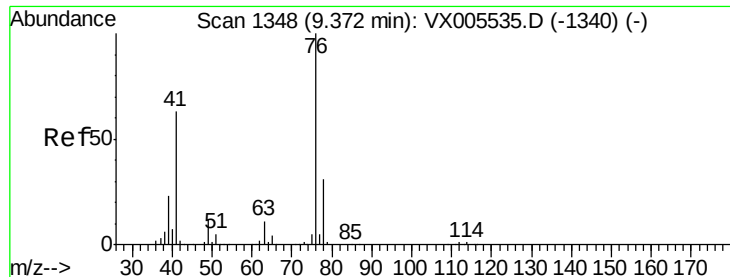
#56
 Ethyl methacrylate
 Concen: 53.315 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion:	69	Resp:	192204
Ion	Ratio	Lower	Upper
69	100		
41	71.0	51.0	76.4
39	34.7	26.1	39.1



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

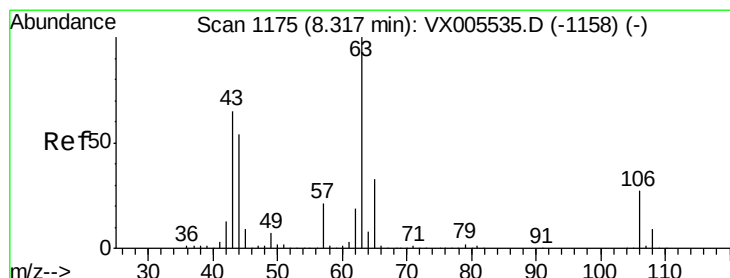
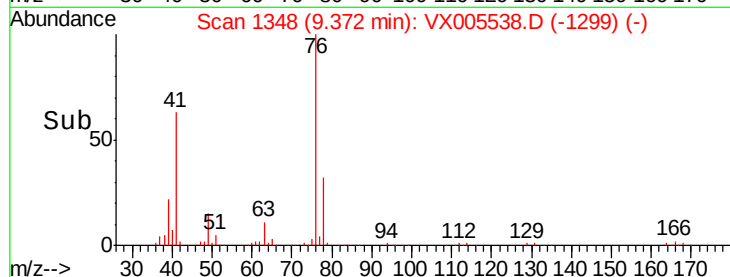
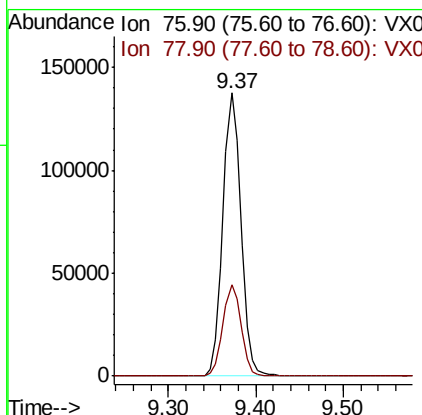
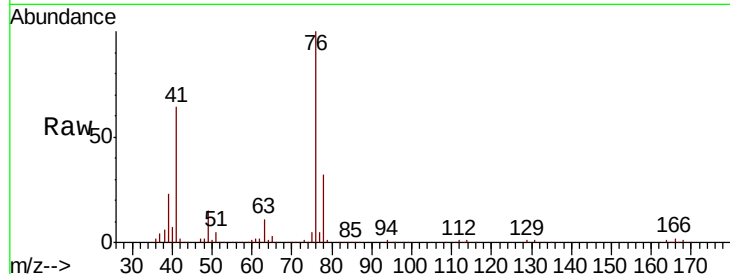




#57
 1,3-Dichloropropane
 Concen: 48.185 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

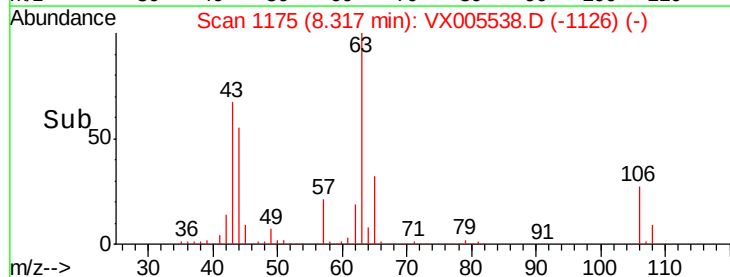
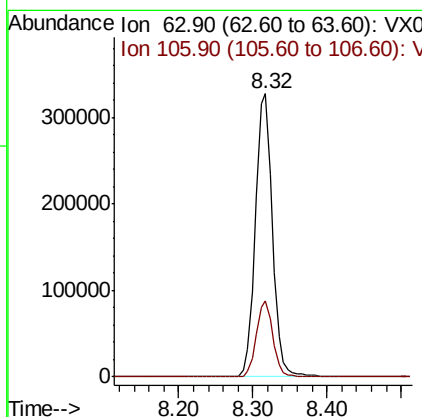
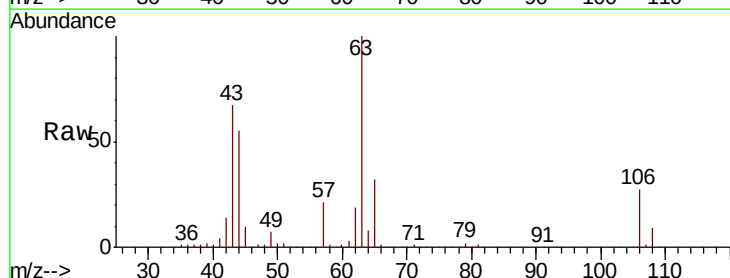
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

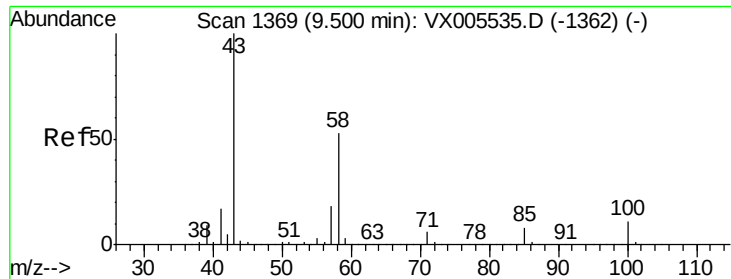
Tot Ion: 76 Resp: 197055
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.313 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 63 Resp: 528157
 Ion Ratio Lower Upper
 63 100
 106 26.3 23.9 35.9

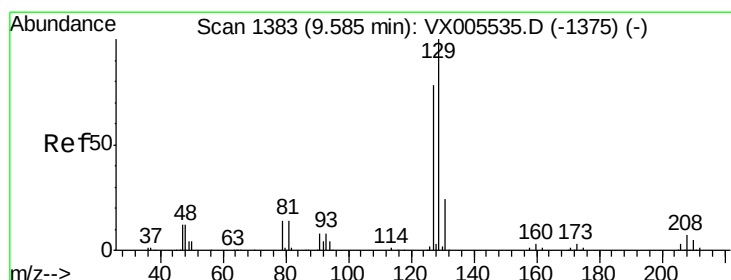
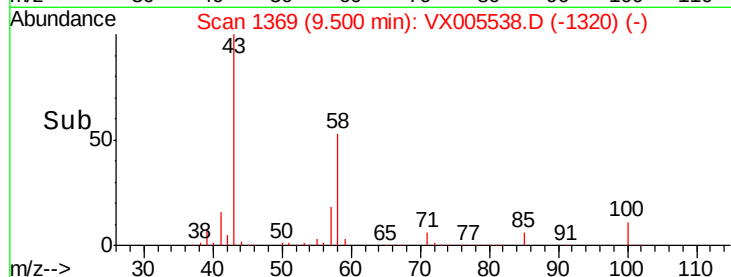
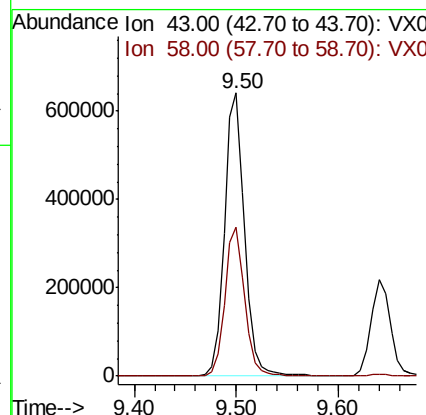
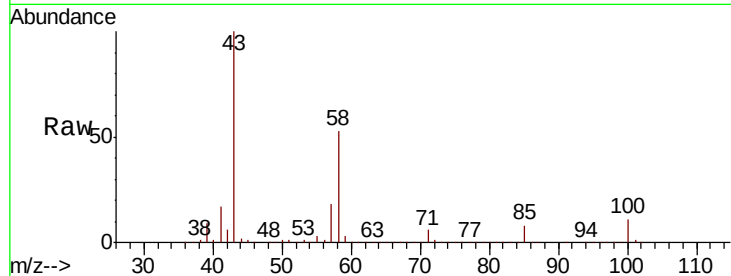




#59
2-Hexanone
Concen: 262.408 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

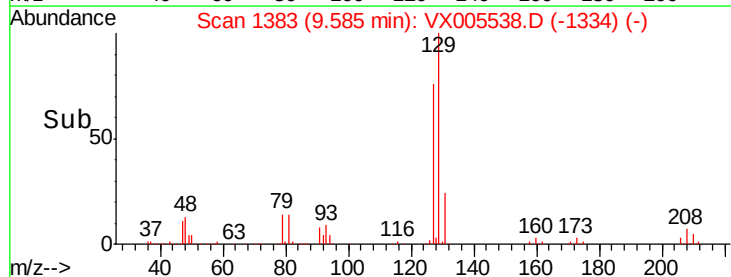
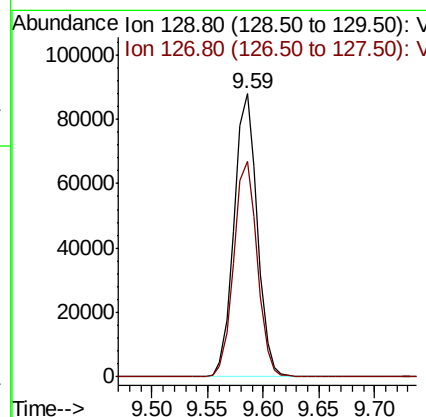
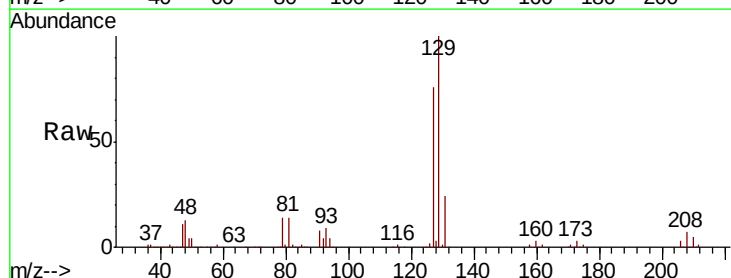
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

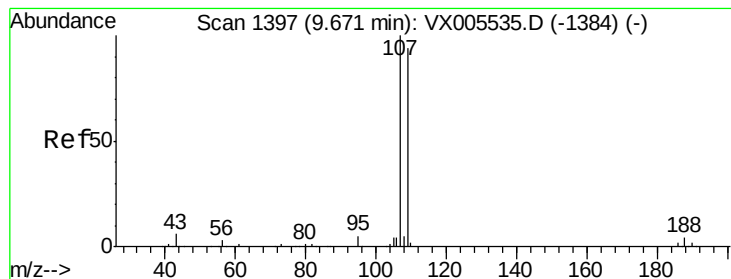
Tot Ion: 43 Resp: 874910
Ion Ratio Lower Upper
43 100
58 52.3 29.0 87.0



#60
Dibromochloromethane
Concen: 50.283 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 129 Resp: 126798
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.566 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

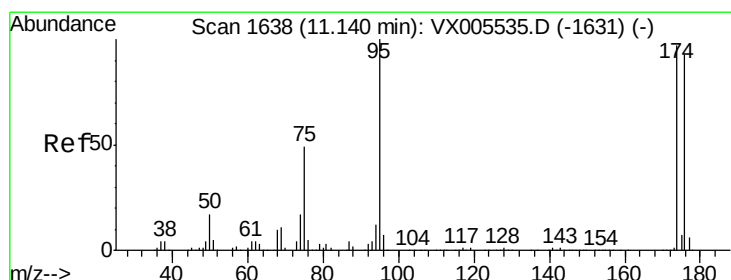
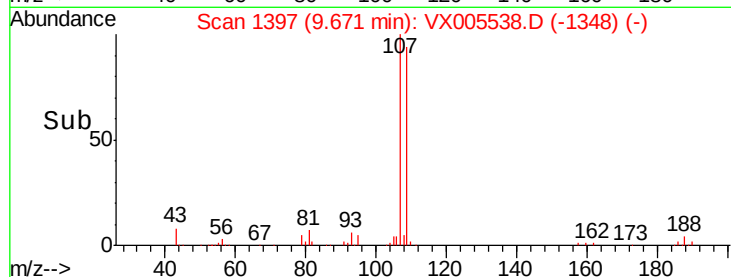
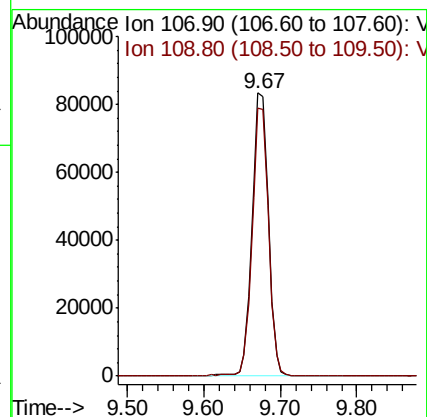
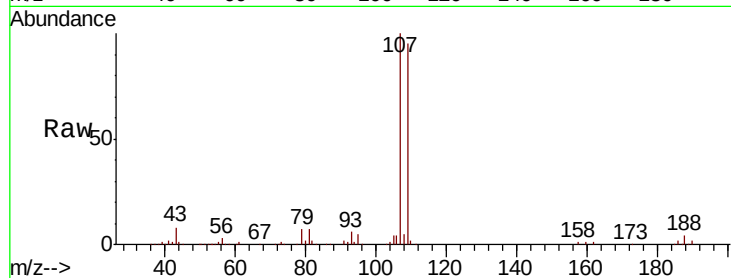
ICVVX102418

Tot Ion:107 Resp: 123937

Ion Ratio Lower Upper

107 100

109 94.9 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.718 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

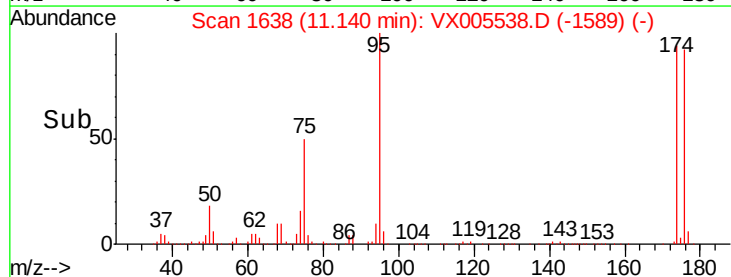
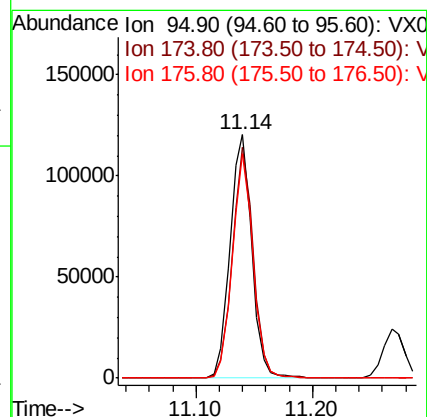
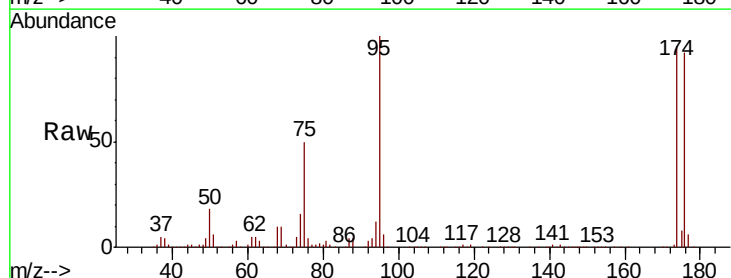
Tgt Ion: 95 Resp: 154893

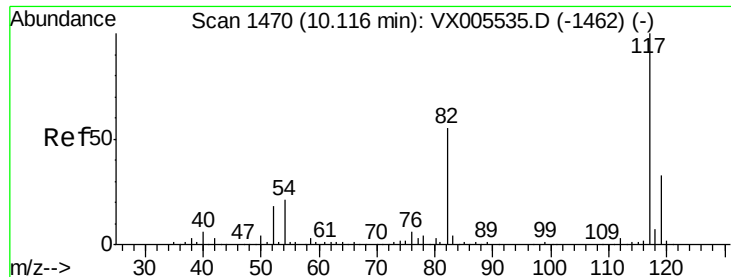
Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 88.6 0.0 178.6

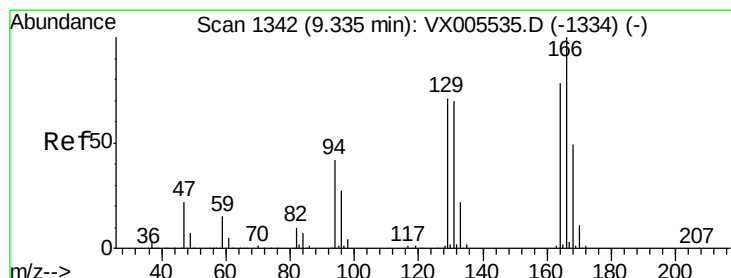
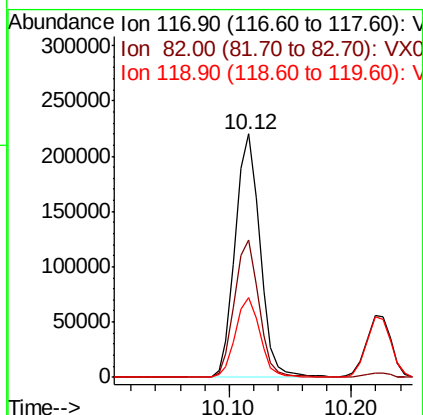
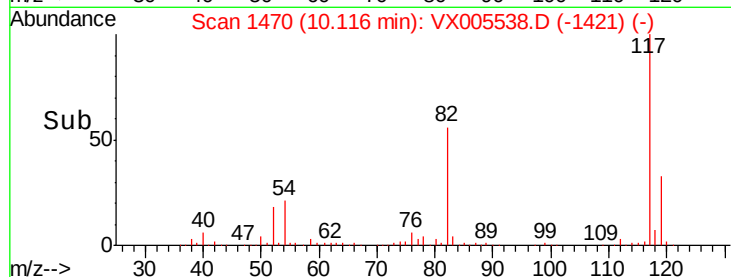
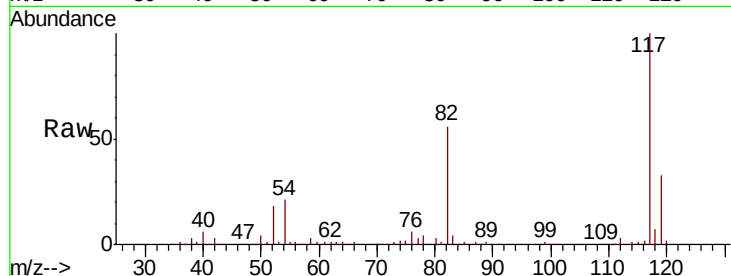




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

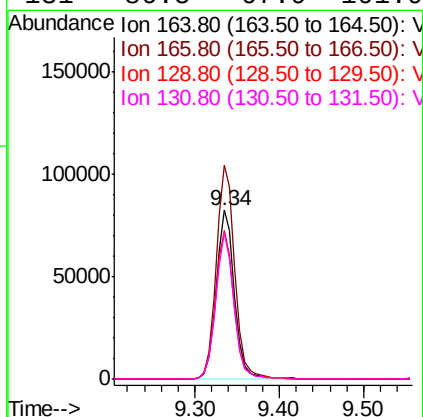
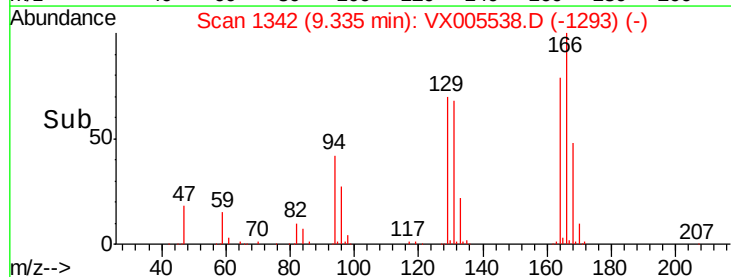
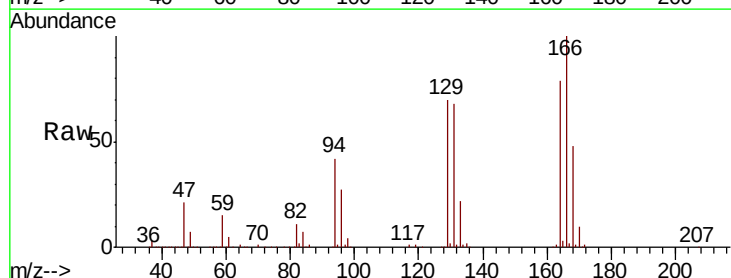
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

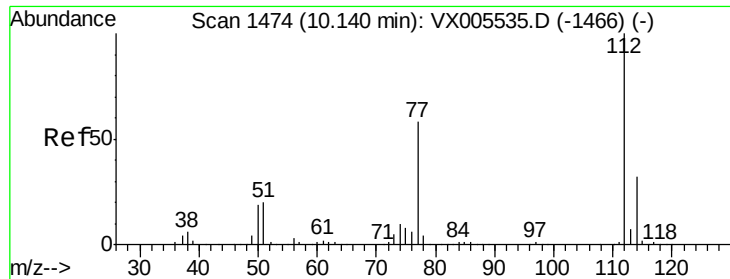
Tot Ion:117 Resp: 308705
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 32.9 29.3 43.9



#64
Tetrachloroethene
Concen: 47.979 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion:164 Resp: 122954
Ion Ratio Lower Upper
164 100
166 126.8 102.8 154.2
129 88.5 69.4 104.0
131 86.5 67.9 101.9

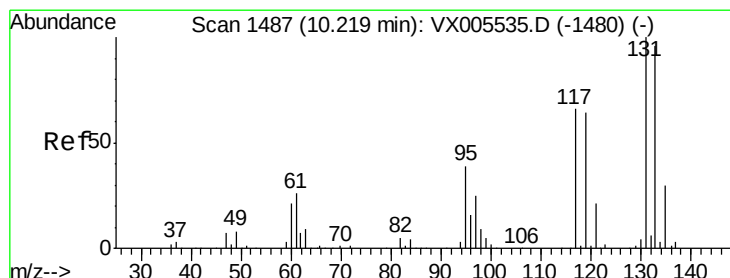
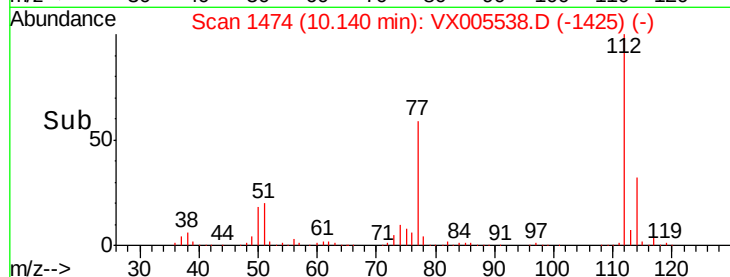
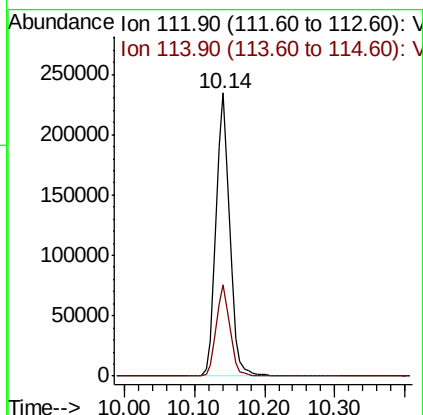
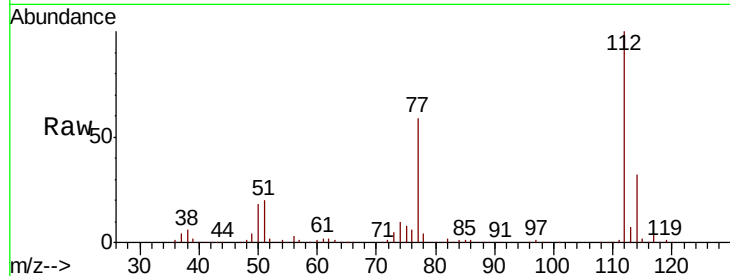




#65
Chlorobenzene
Concen: 48.966 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

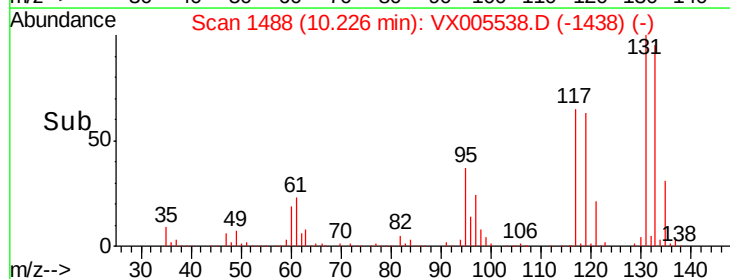
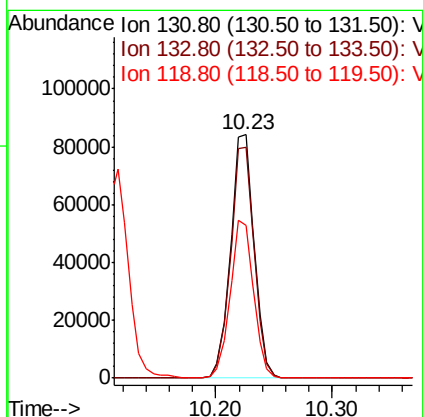
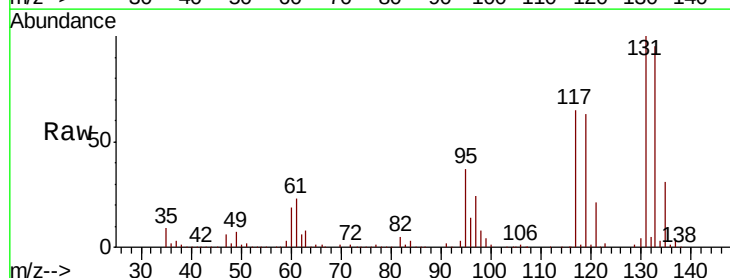
Instrument :
MSVOA_X
ClientSampled :
ICVVX102418

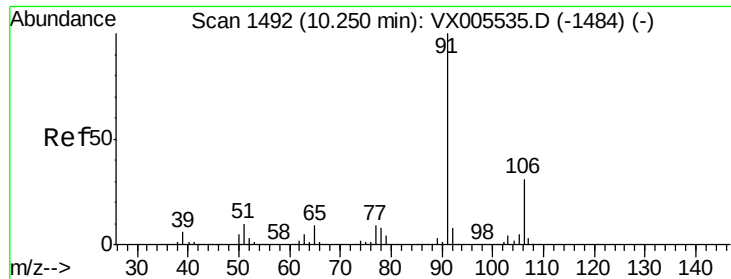
Tot Ion:112 Resp: 321887
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.562 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion:131 Resp: 118798
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 64.3 32.9 98.6

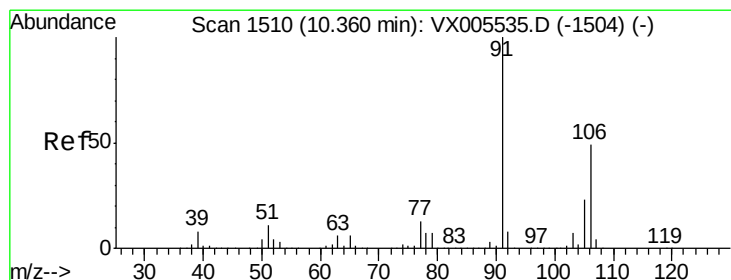
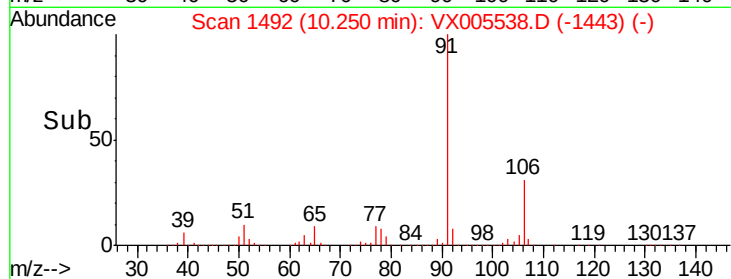
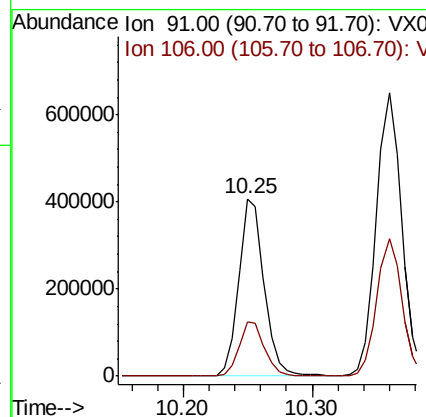
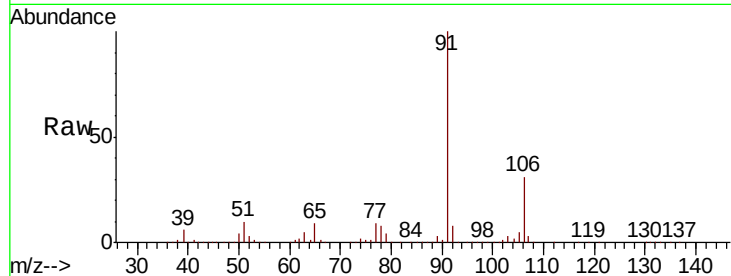




#67
Ethyl Benzene
Concen: 51.798 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

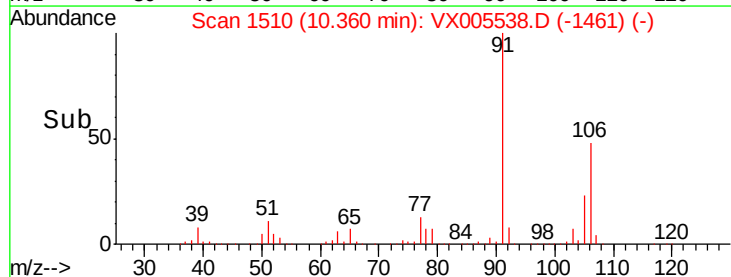
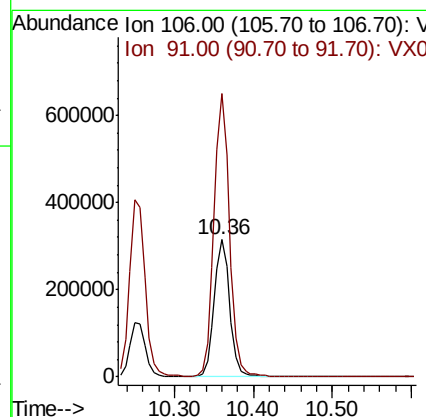
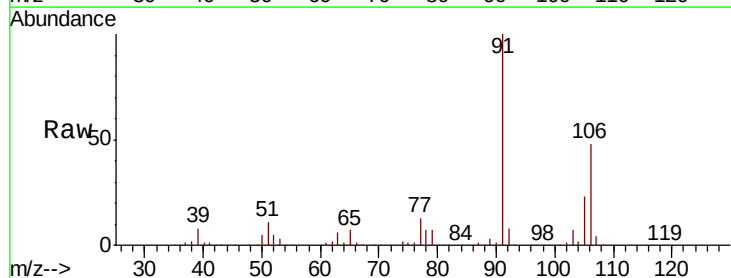
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

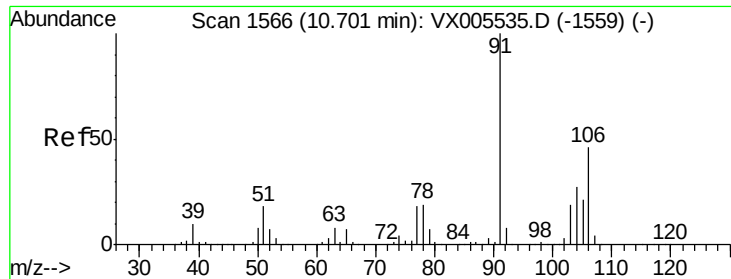
Tot Ion: 91 Resp: 560227
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9



#68
m/p-Xylenes
Concen: 102.667 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 106 Resp: 430804
Ion Ratio Lower Upper
106 100
91 206.8 157.1 235.7

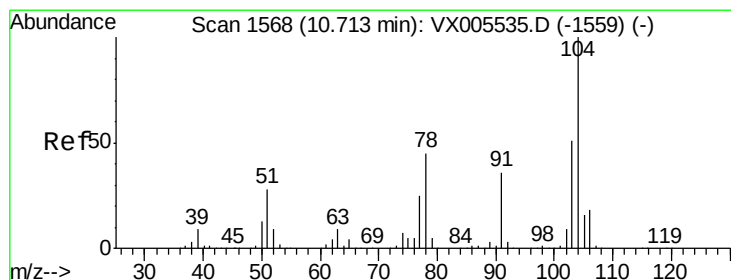
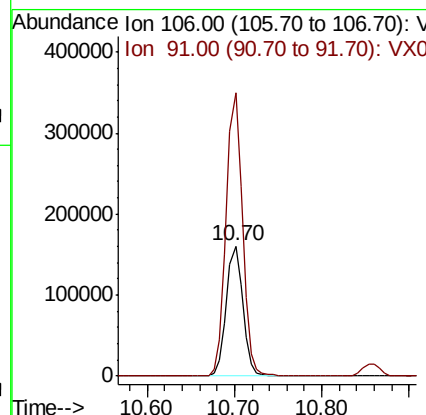
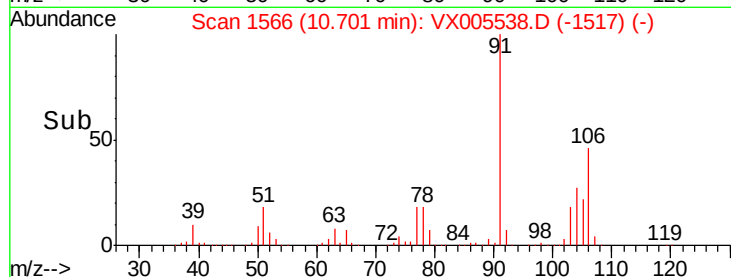
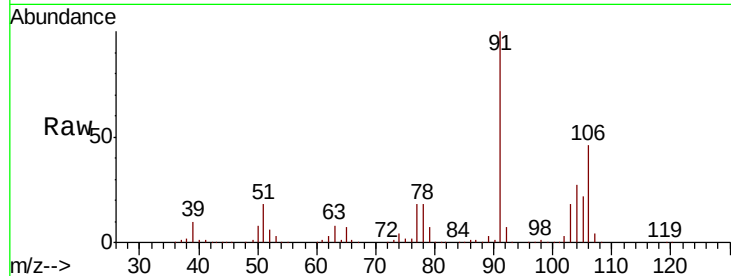




#69
o-Xylene
Concen: 53.219 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

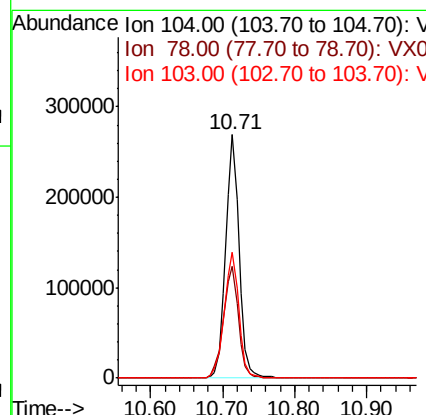
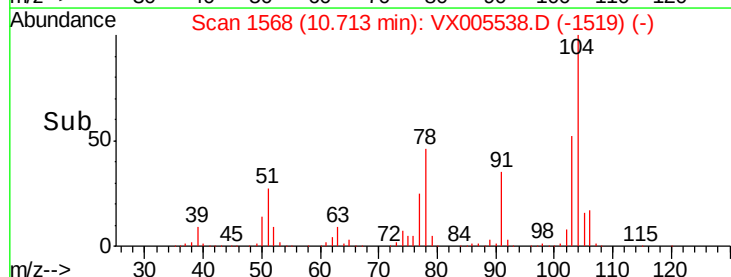
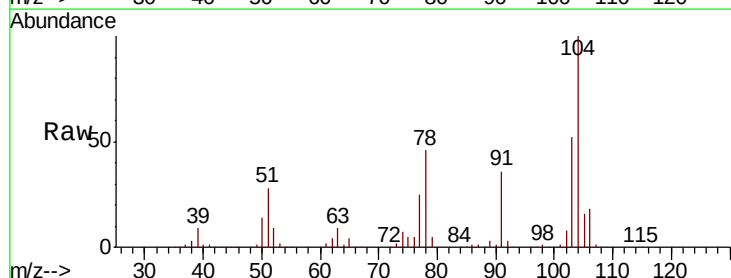
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

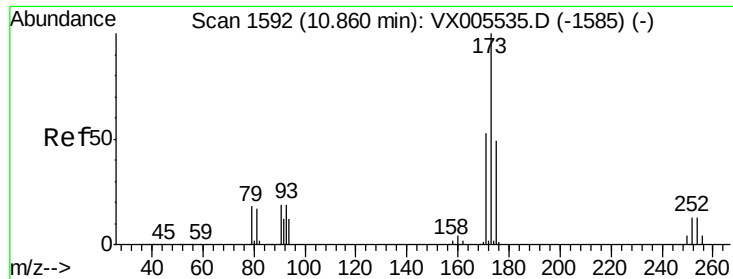
Tot Ion:106 Resp: 210099
Ion Ratio Lower Upper
106 100
91 215.8 105.1 315.1



#70
Styrene
Concen: 52.932 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion:104 Resp: 349814
Ion Ratio Lower Upper
104 100
78 50.8 37.4 56.0
103 56.2 43.8 65.6





#71

Bromoform

Concen: 50.071 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

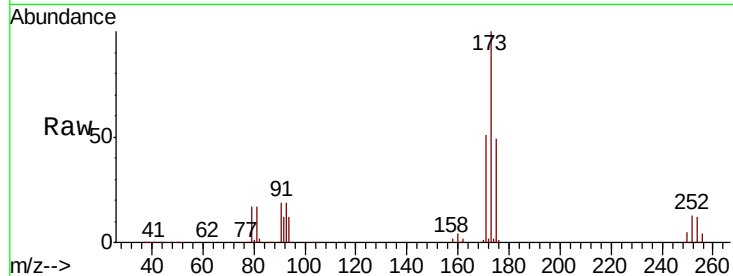
Tot Ion:173 Resp: 107097

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

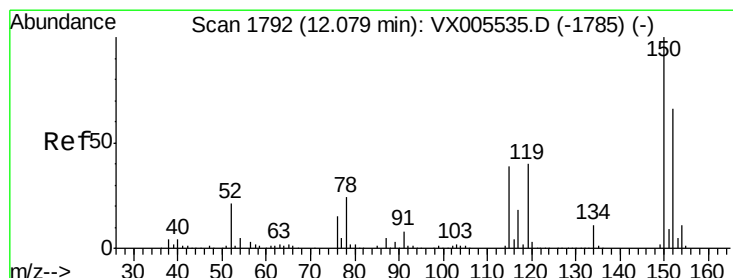
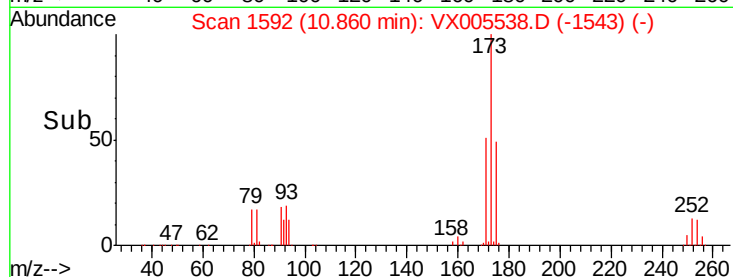
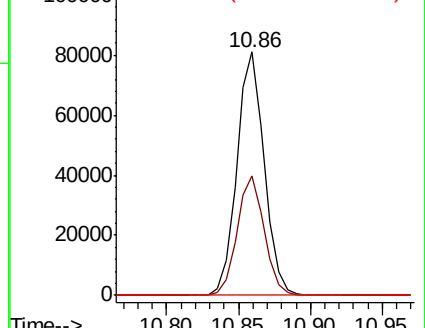
254 0.2 0.2 0.2



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: VX005538.D

Acq: 24 Oct 2018 13:18

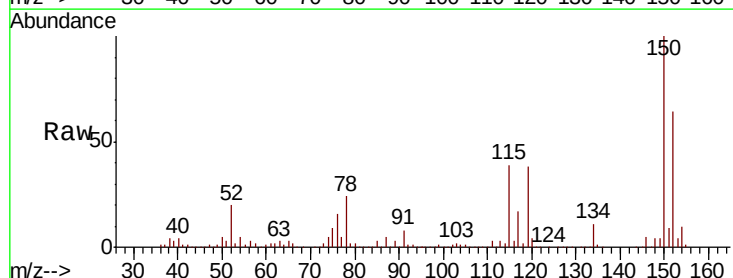
Tgt Ion:152 Resp: 176172

Ion Ratio Lower Upper

152 100

115 79.6 39.0 117.0

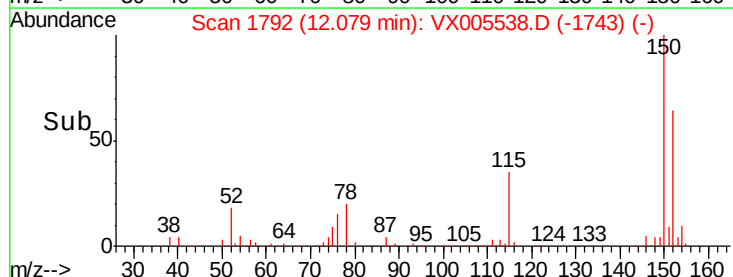
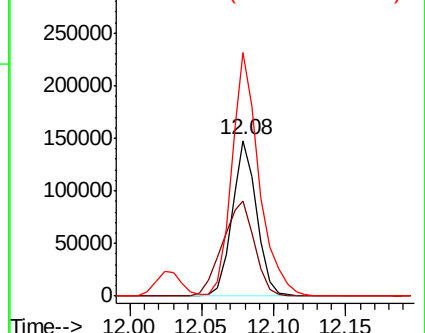
150 173.8 0.0 351.0

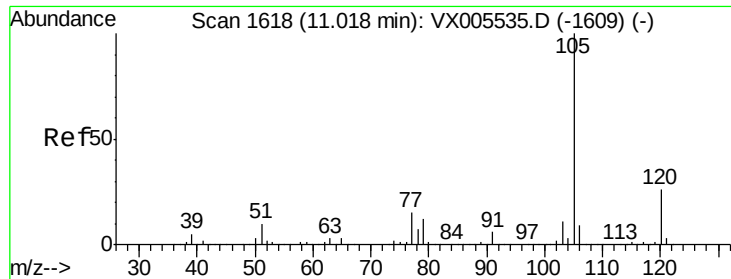


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.096 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

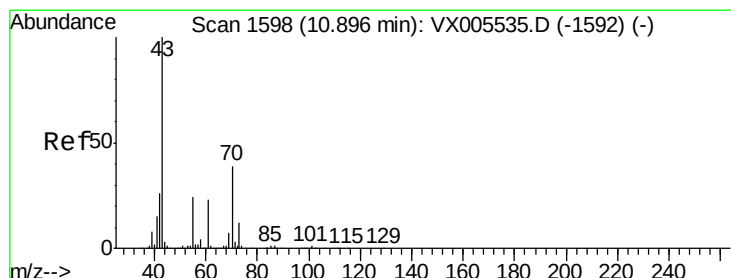
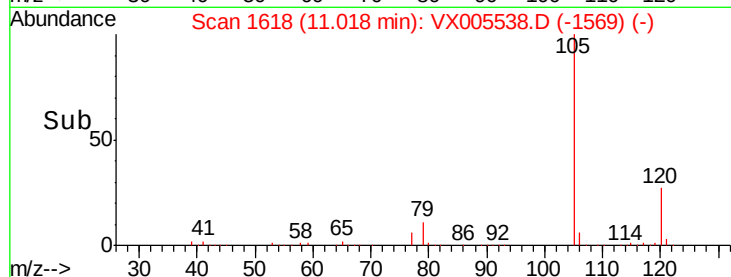
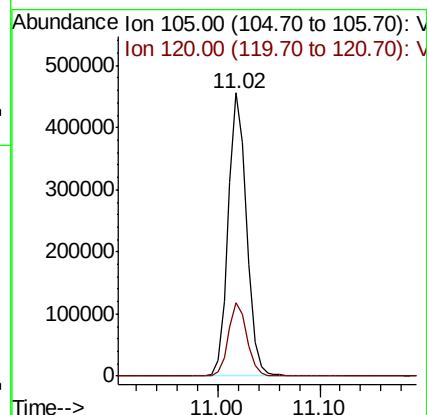
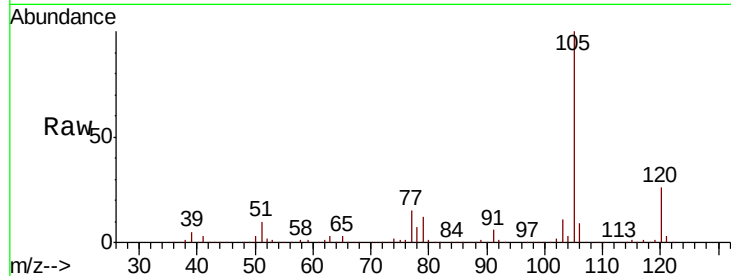
ICVVX102418

Tot Ion:105 Resp: 571796

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.4



#74

N-ethyl acetate

Concen: 54.413 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Tgt Ion: 43 Resp: 290356

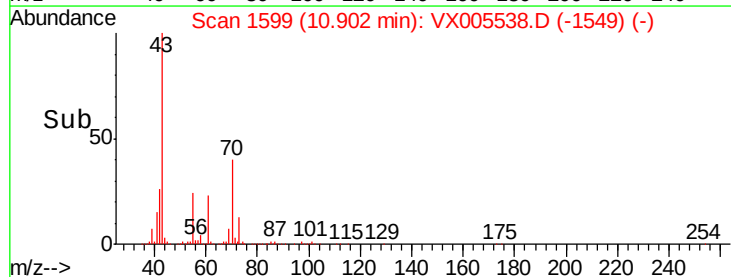
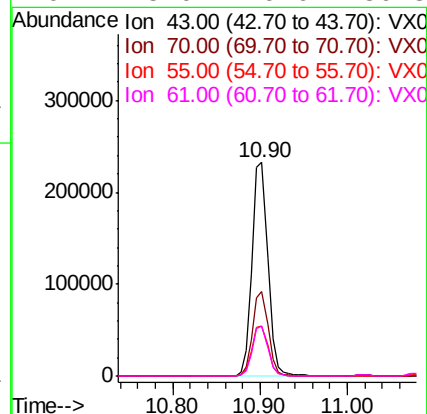
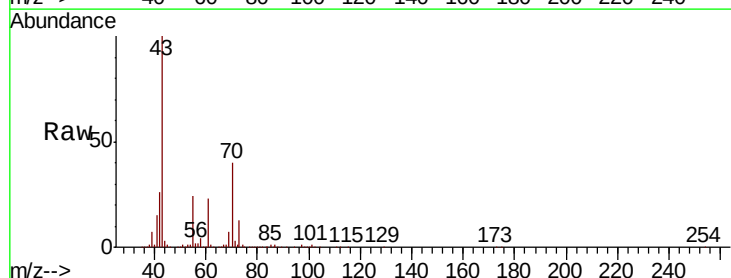
Ion Ratio Lower Upper

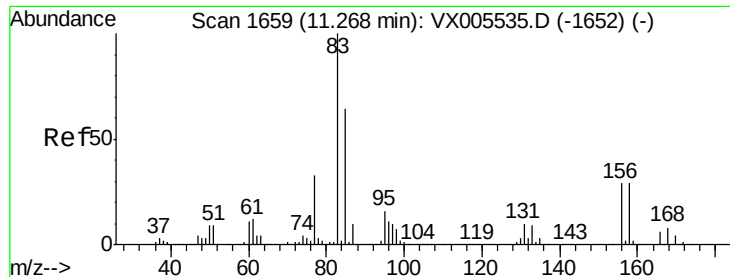
43 100

70 39.1 37.4 56.0

55 24.3 21.8 32.8

61 23.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.393 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

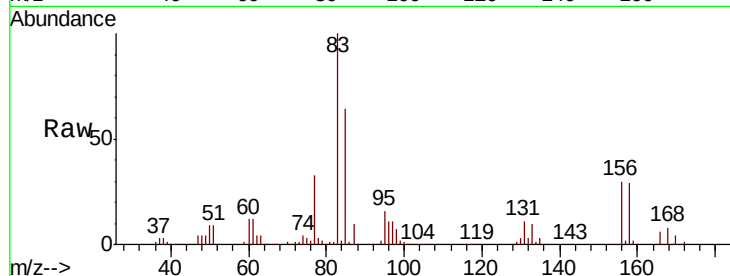
Tot Ion: 83 Resp: 196241

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

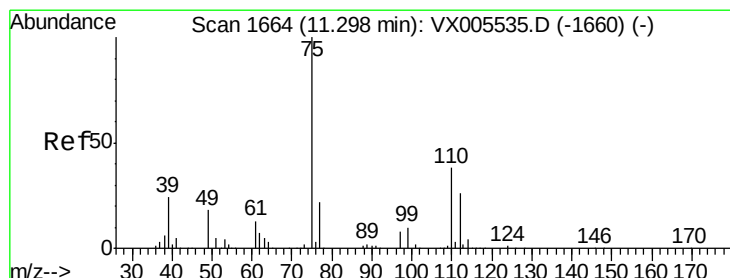
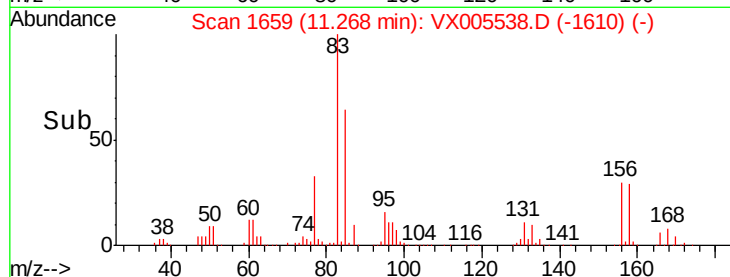
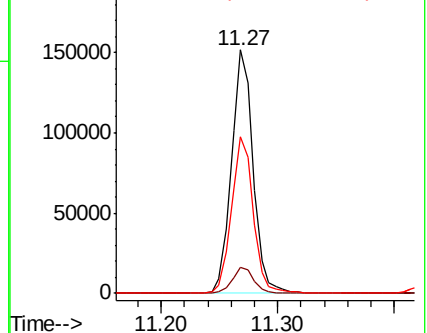
85 64.8 32.3 96.8



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: 65.931 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005538.D

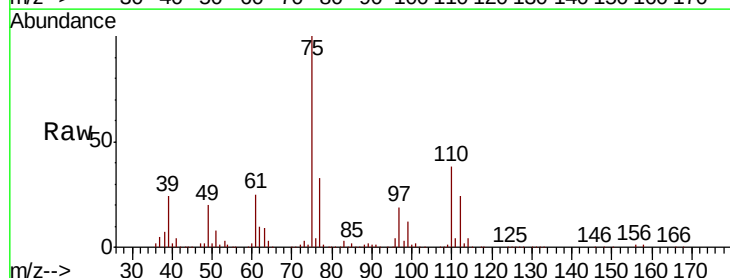
Acq: 24 Oct 2018 13:18

Tgt Ion: 75 Resp: 236585

Ion Ratio Lower Upper

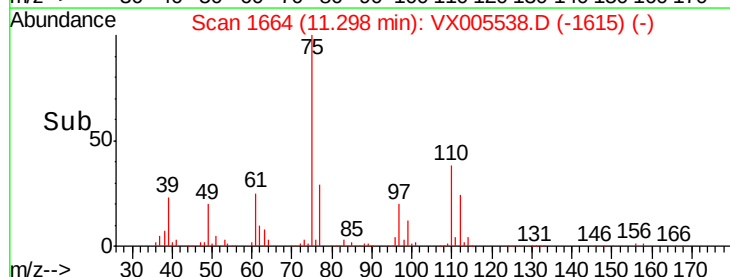
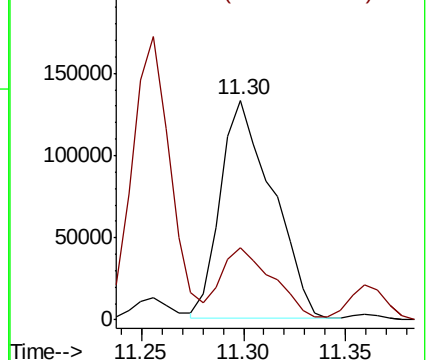
75 100

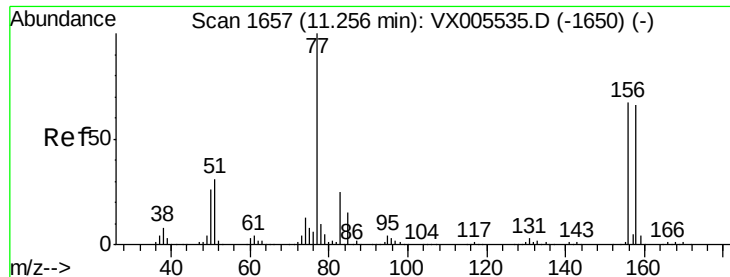
77 32.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.494 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

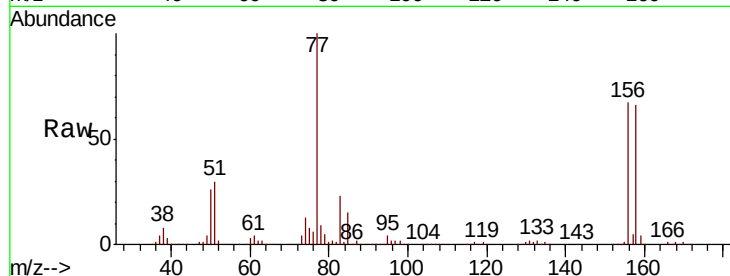
Tot Ion:156 Resp: 151545

Ion Ratio Lower Upper

156 100

77 148.2 71.5 214.3

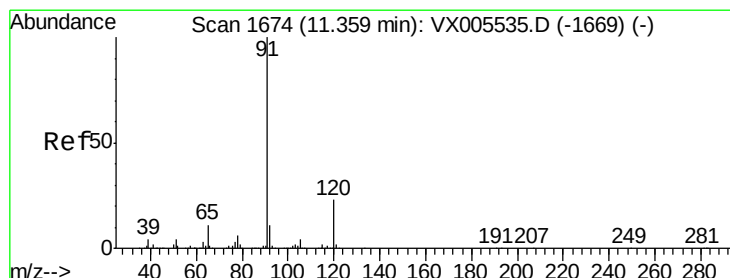
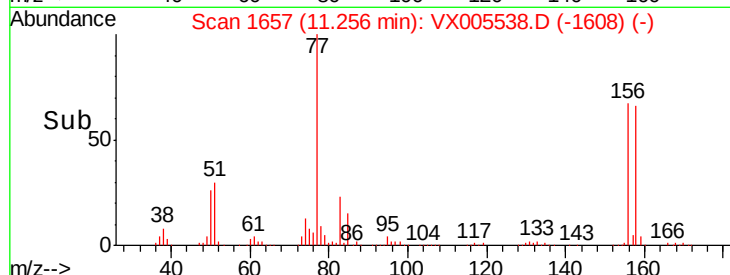
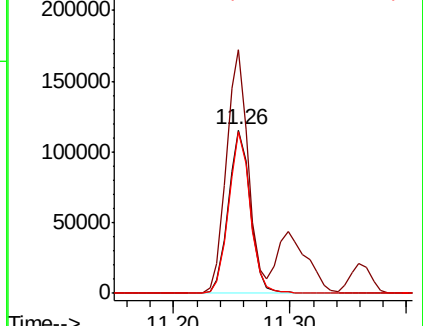
158 97.4 48.9 146.8



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: 53.742 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005538.D

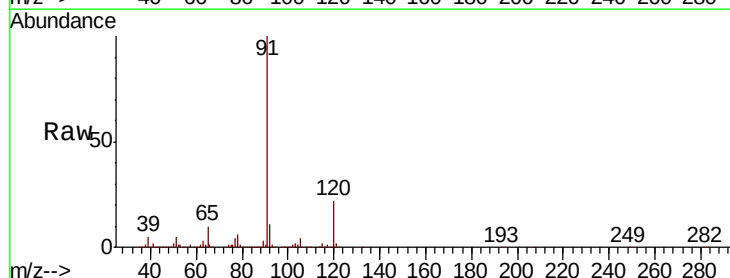
Acq: 24 Oct 2018 13:18

Tgt Ion: 91 Resp: 661780

Ion Ratio Lower Upper

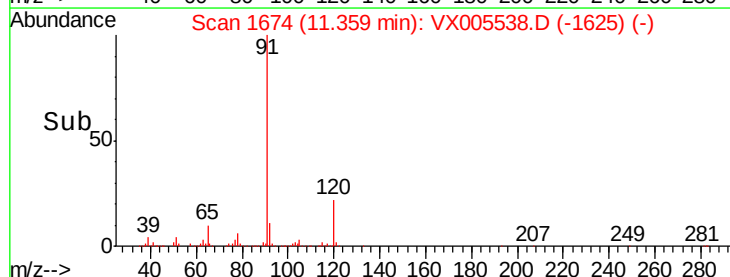
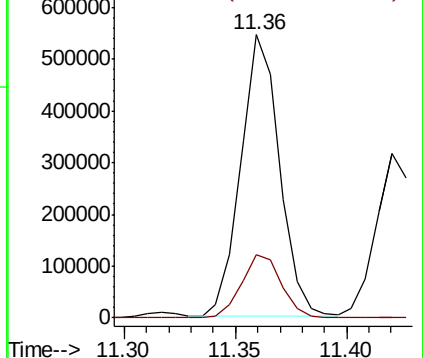
91 100

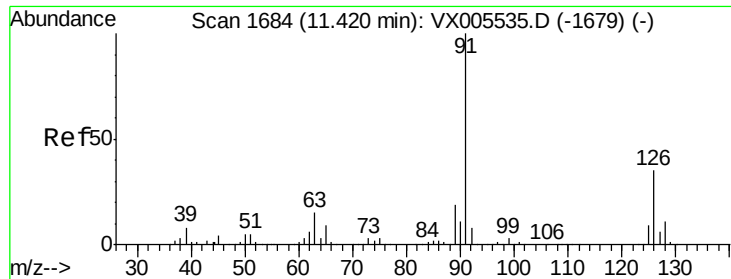
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

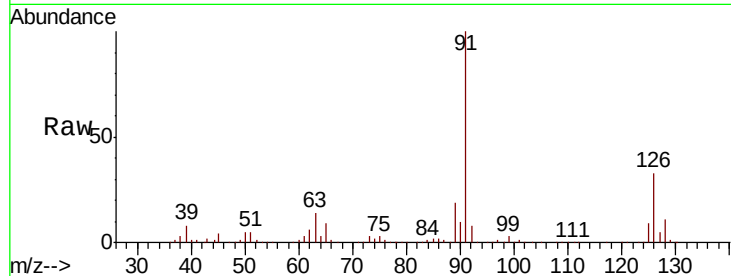




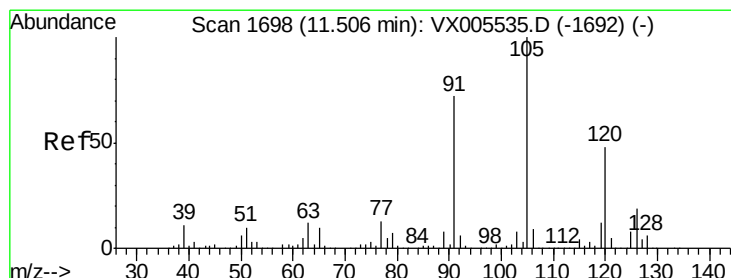
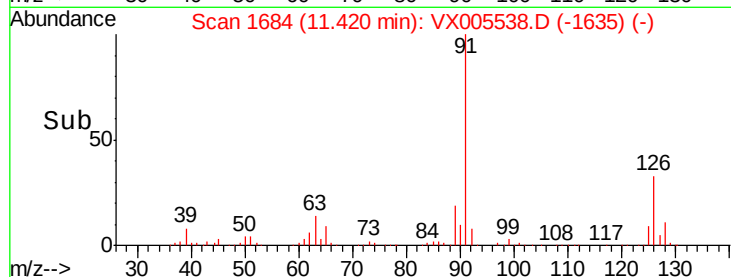
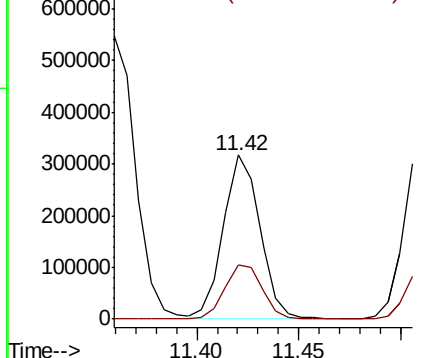
#79
 2-Chlorotoluene
 Concen: 51.124 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Tot Ion: 91 Resp: 390338
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.9 53.7

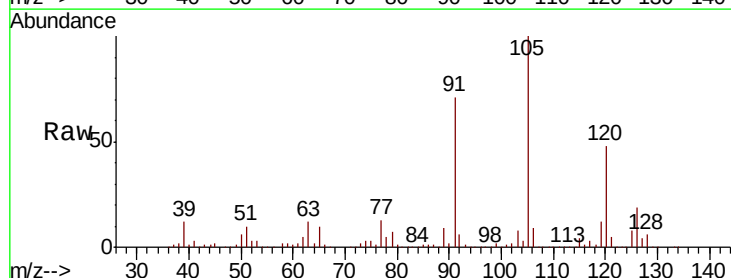


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

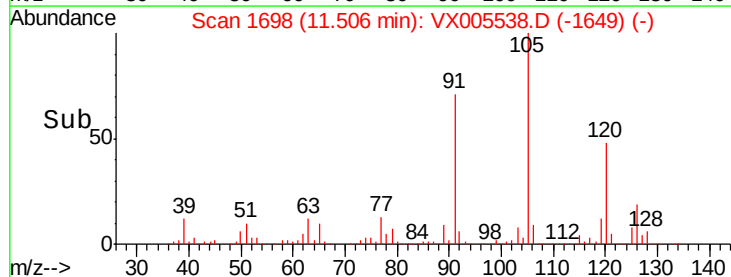
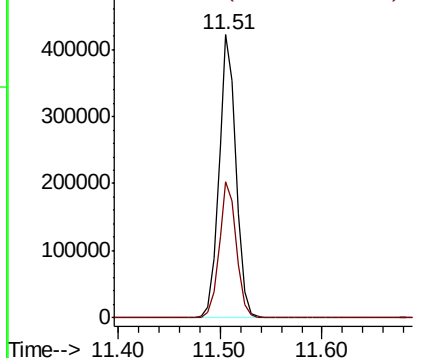


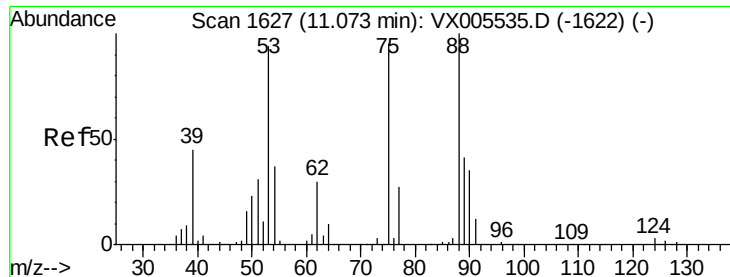
#80
 1,3,5-Trimethylbenzene
 Concen: 53.354 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion: 105 Resp: 491518
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.658 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

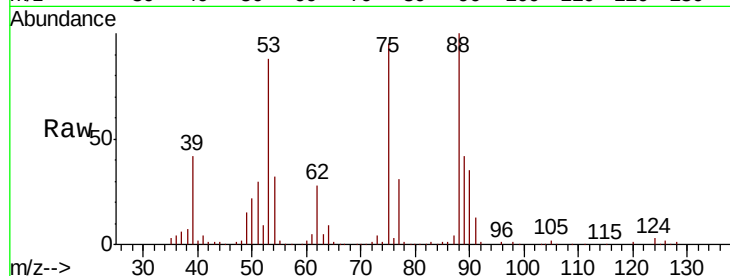
Tot Ion: 75 Resp: 61296

Ion Ratio Lower Upper

75 100

53 99.1 80.1 120.1

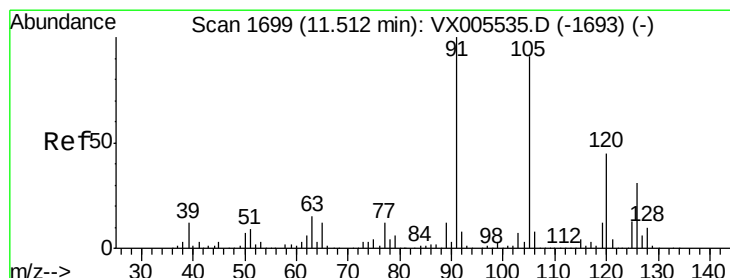
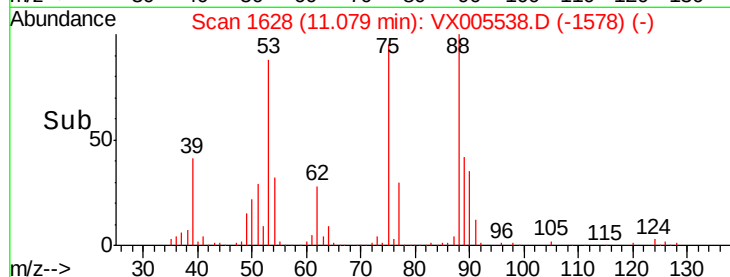
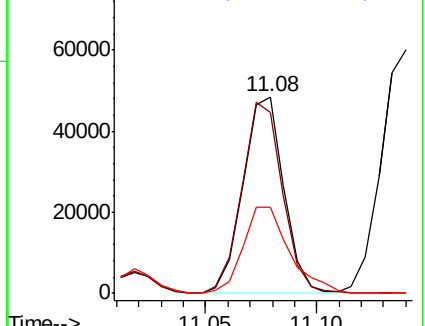
89 51.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.995 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005538.D

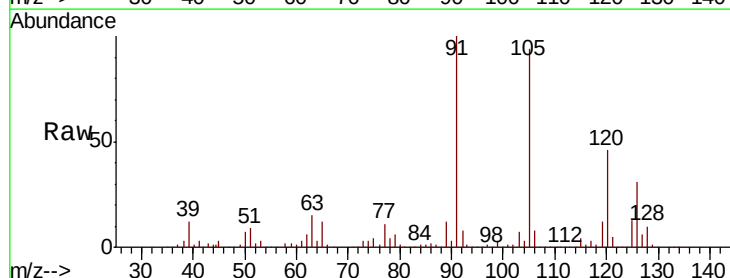
Acq: 24 Oct 2018 13:18

Tgt Ion: 91 Resp: 468112

Ion Ratio Lower Upper

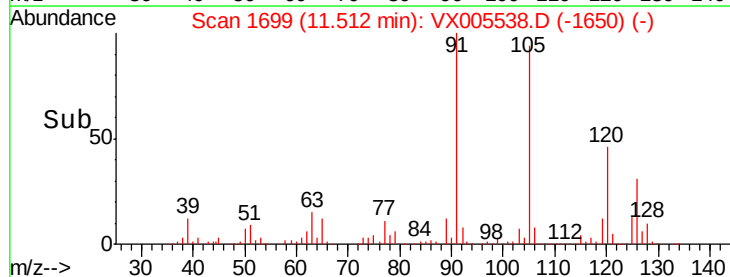
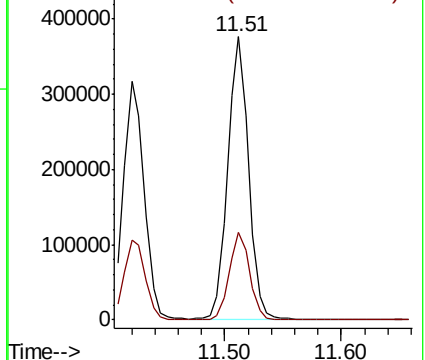
91 100

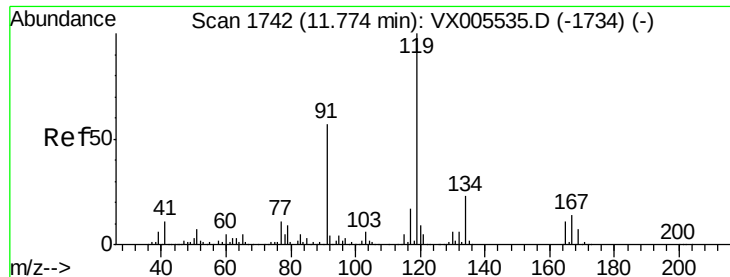
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

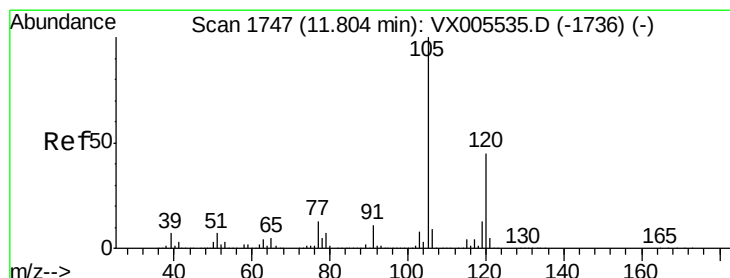
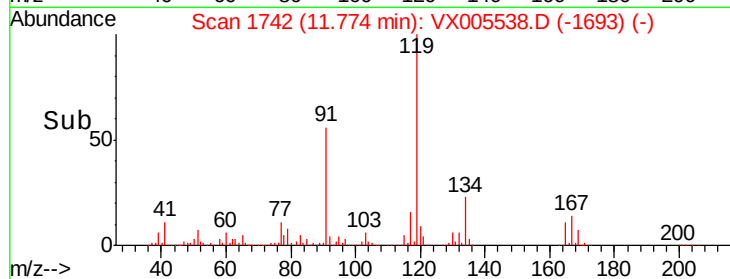
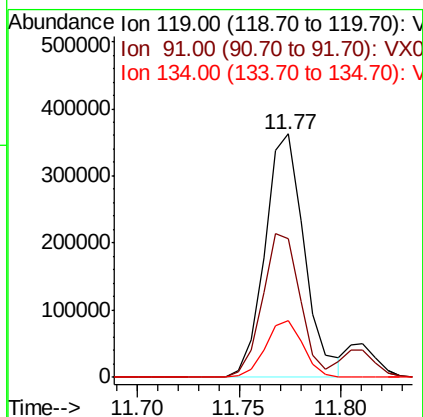
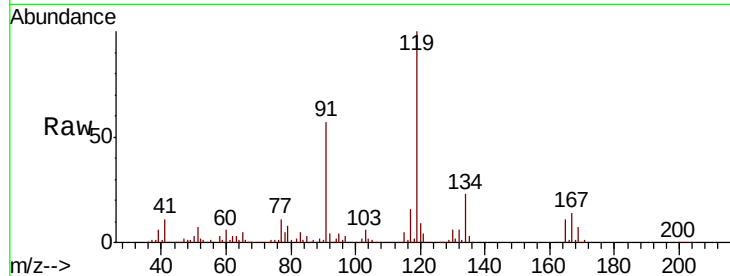




#83
 tert-Butylbenzene
 Concen: 53.151 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

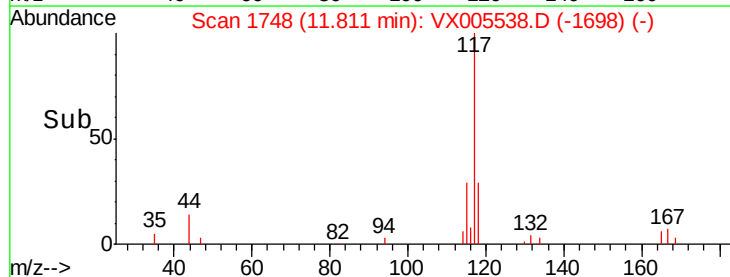
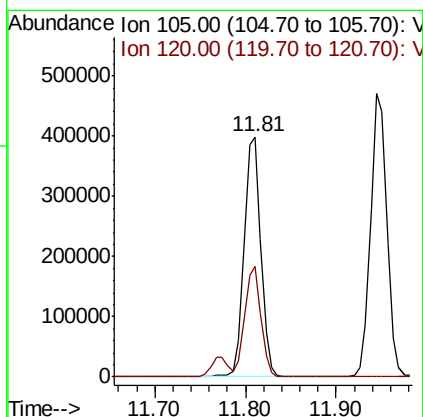
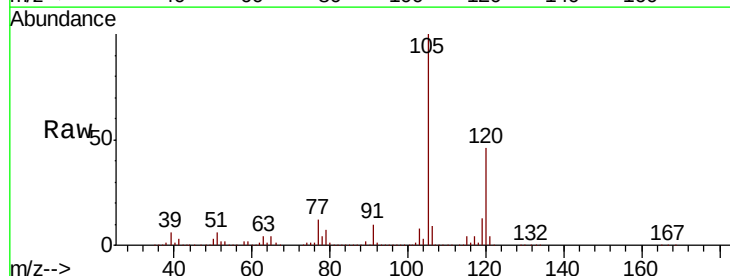
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

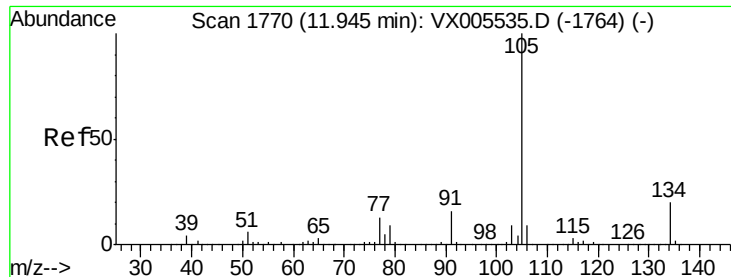
Tot Ion:119 Resp: 488081
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.0 81.0
 134 22.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.377 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion:105 Resp: 507700
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.396 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

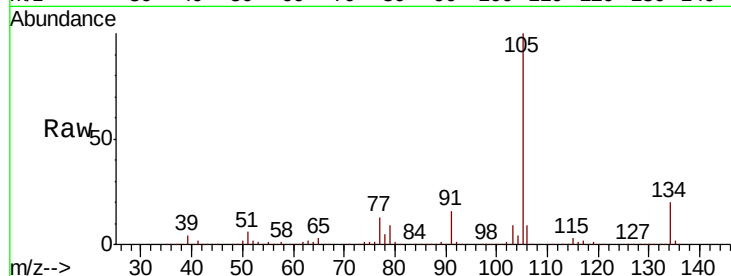
ICVVX102418

Tot Ion:105 Resp: 585087

Ion Ratio Lower Upper

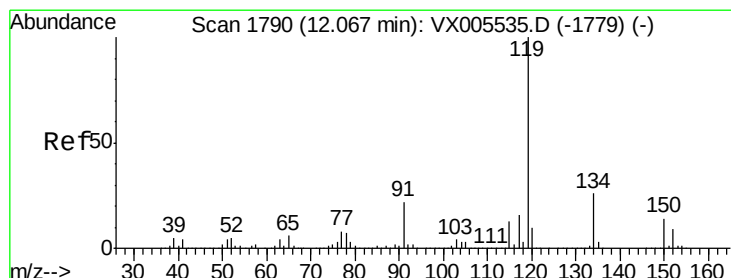
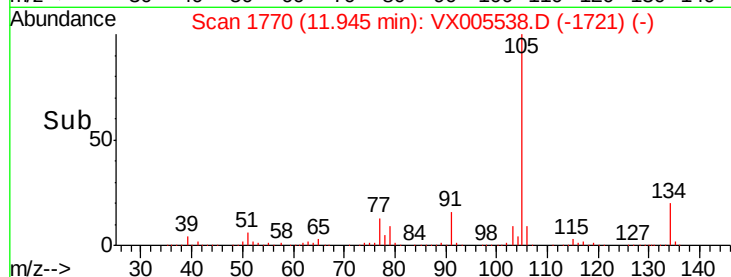
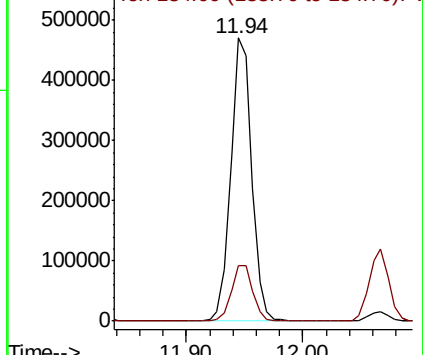
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.262 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

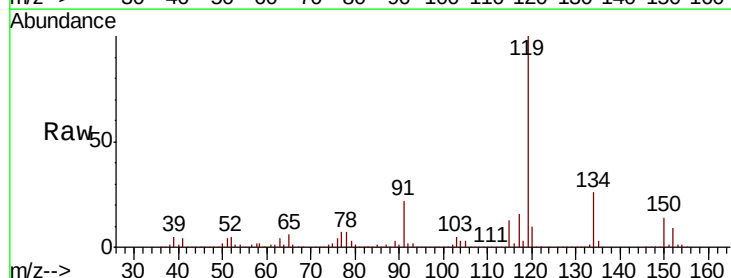
Tgt Ion:119 Resp: 531520

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

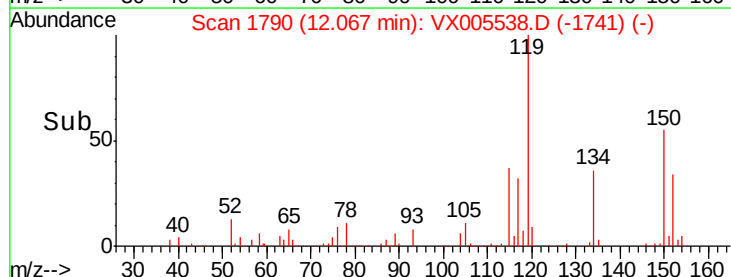
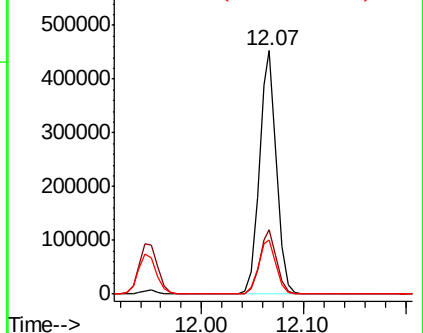
91 23.2 10.9 32.7

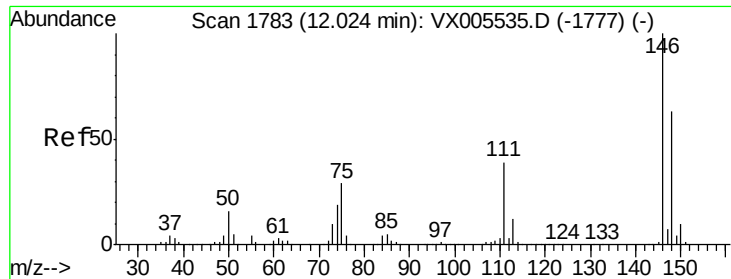


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

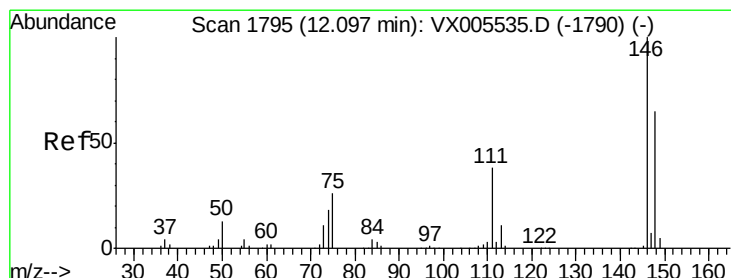
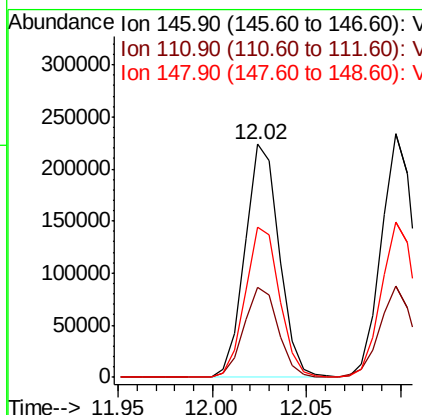
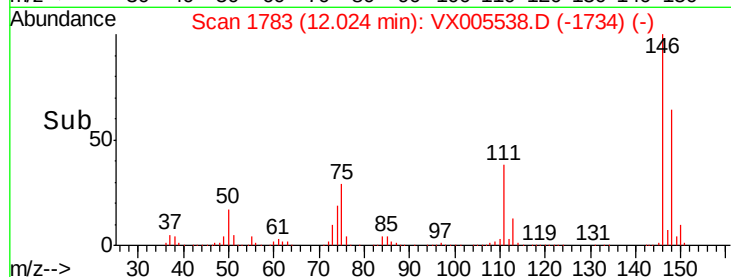
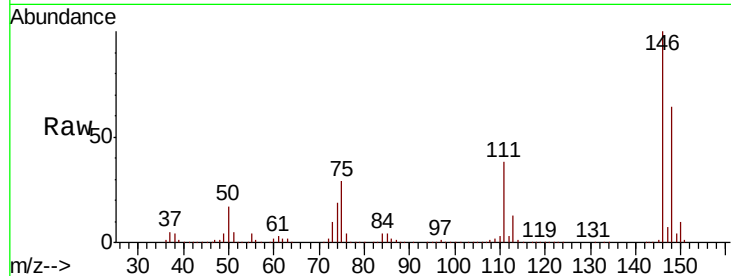




#87
 1,3-Dichlorobenzene
 Concen: 50.138 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

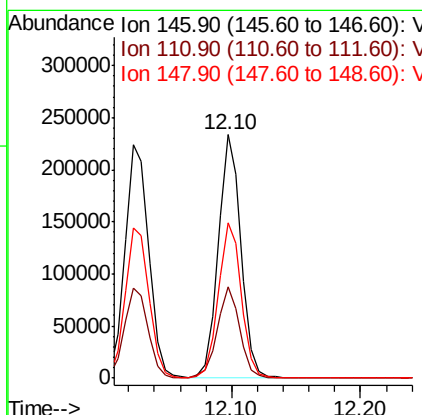
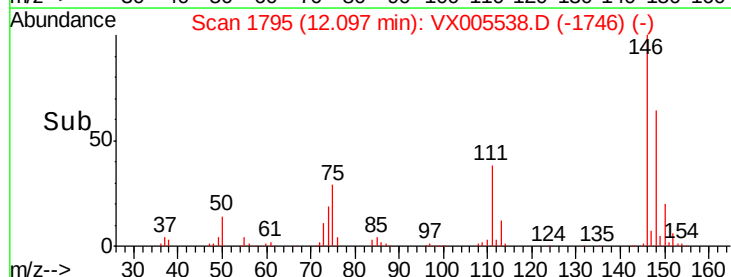
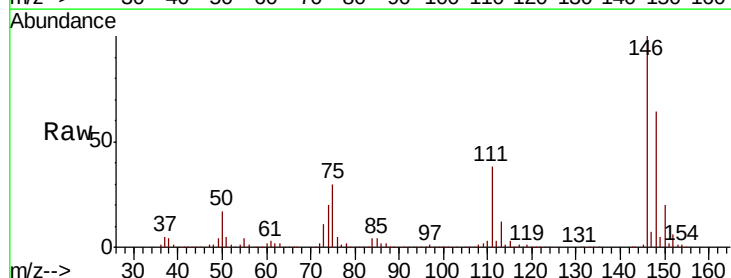
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

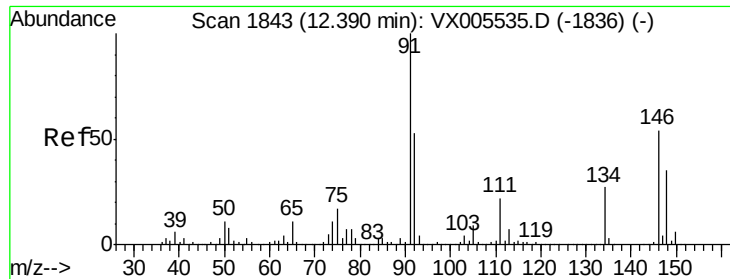
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.8	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.802 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.9	32.0	96.0

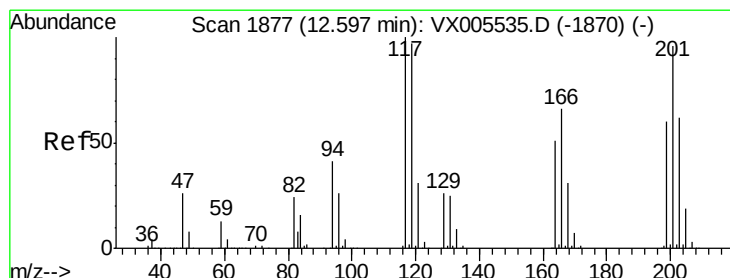
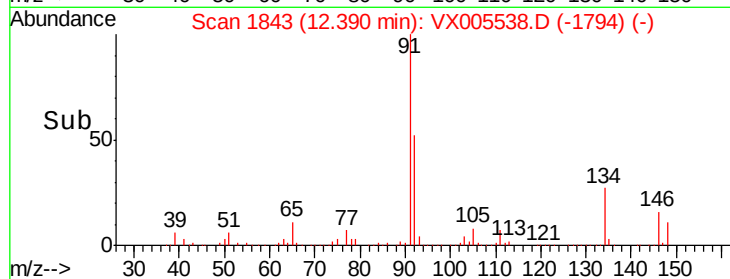
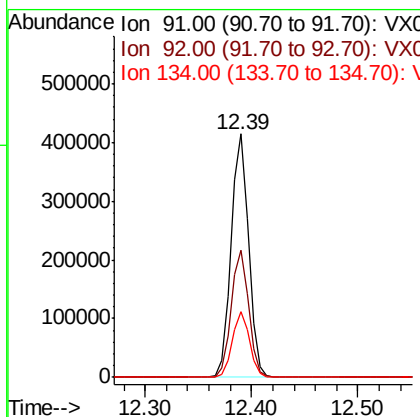
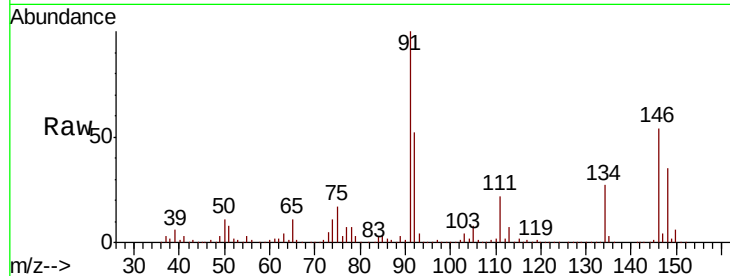




#89
n-Butylbenzene
Concen: 54.339 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

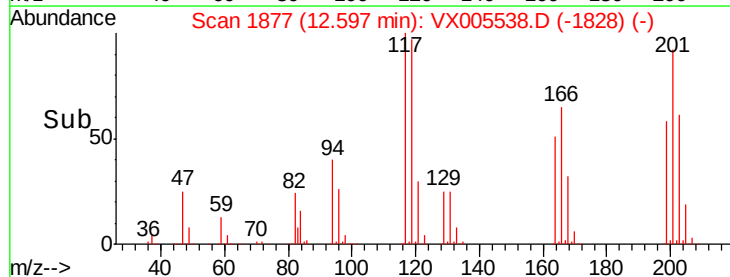
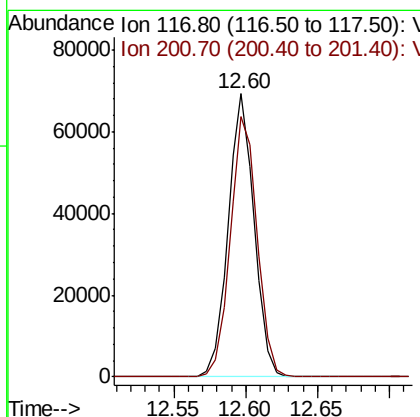
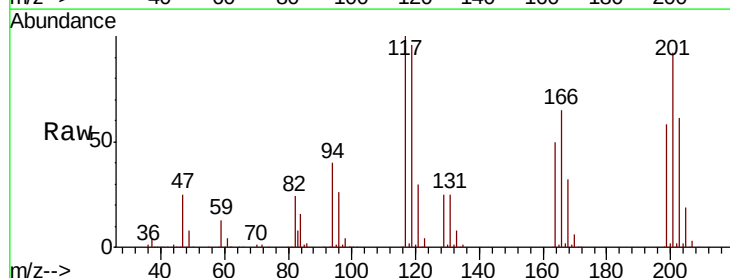
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102418

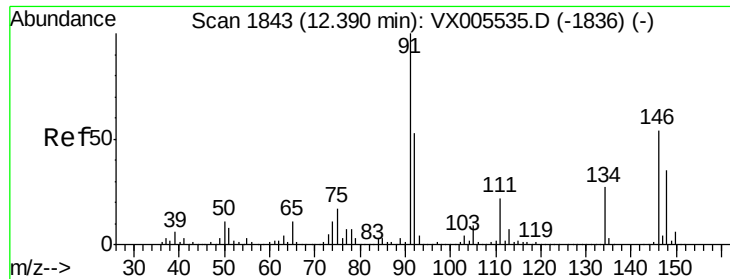
Tot Ion: 91 Resp: 480525
Ion Ratio Lower Upper
91 100
92 52.1 27.3 81.9
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 51.753 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005538.D
Acq: 24 Oct 2018 13:18

Tgt Ion: 117 Resp: 87434
Ion Ratio Lower Upper
117 100
201 94.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.777 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

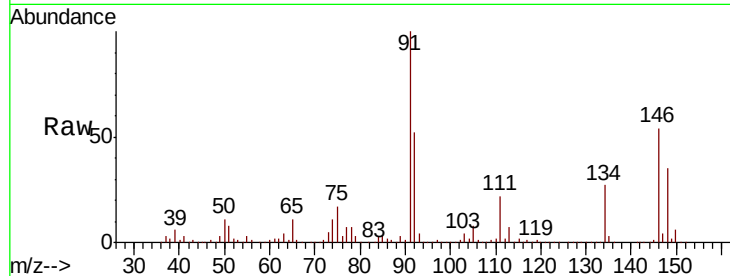
Tot Ion:146 Resp: 284227

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.1

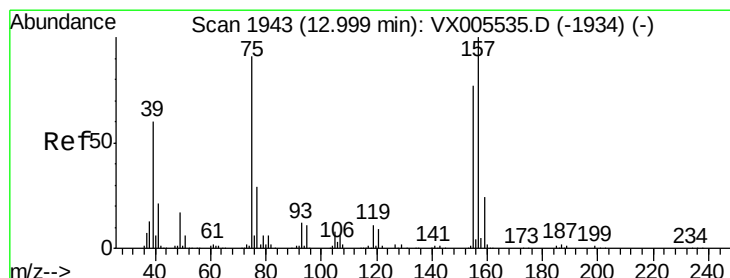
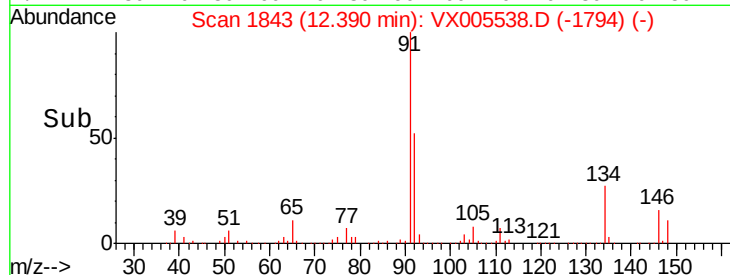
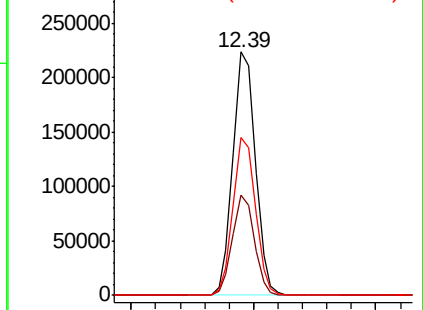
148 64.6 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.194 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

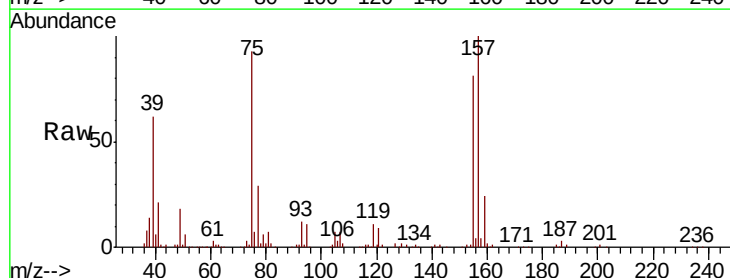
Tgt Ion: 75 Resp: 49179

Ion Ratio Lower Upper

75 100

155 90.5 48.0 144.2

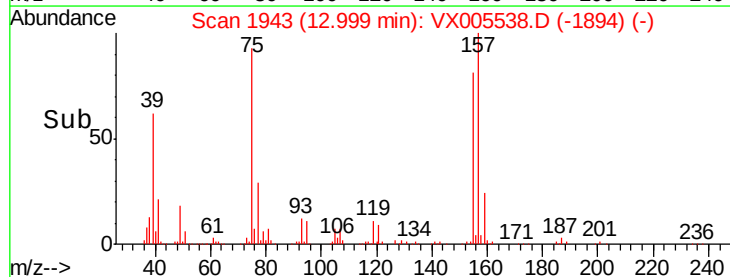
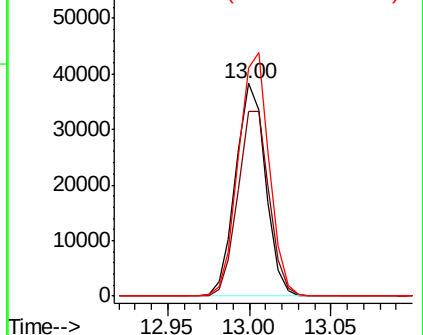
157 117.1 61.4 184.1

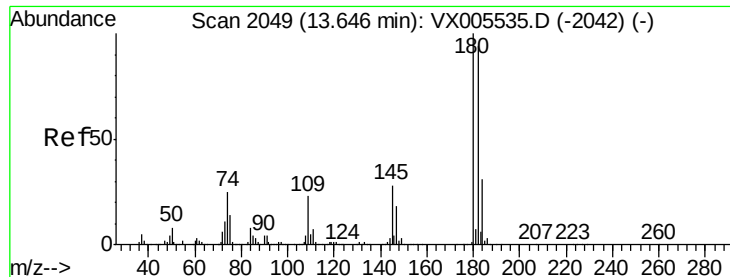


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

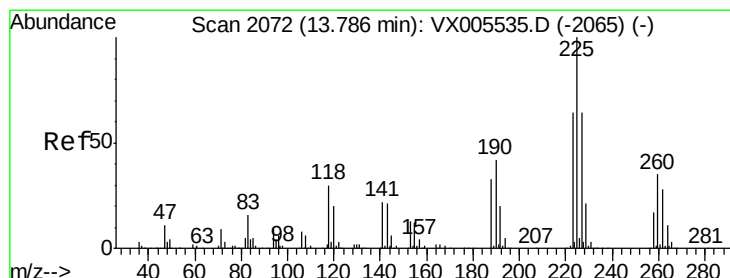
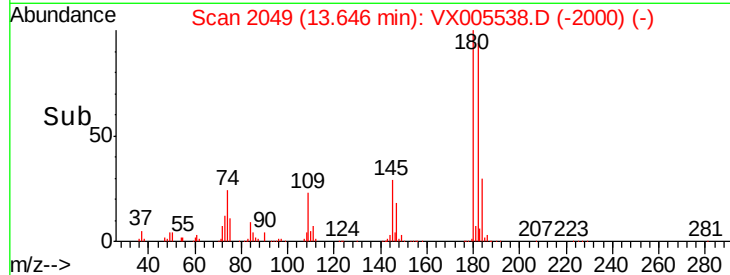
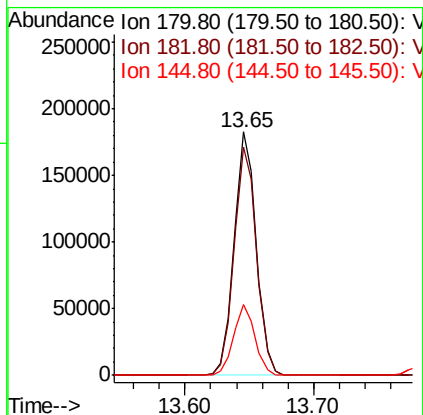
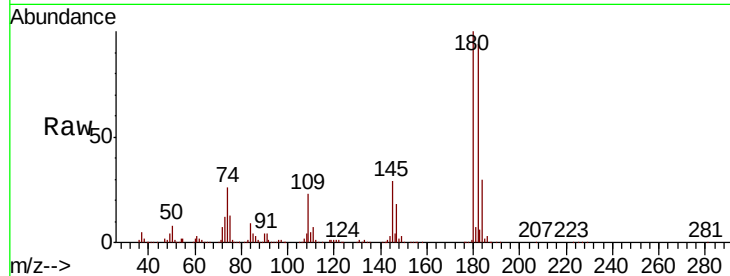




#93
 1,2,4-Trichlorobenzene
 Concen: 52.775 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

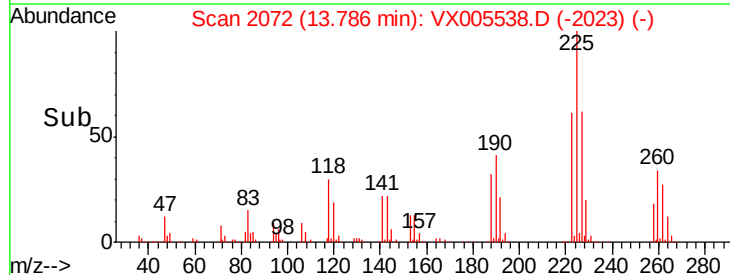
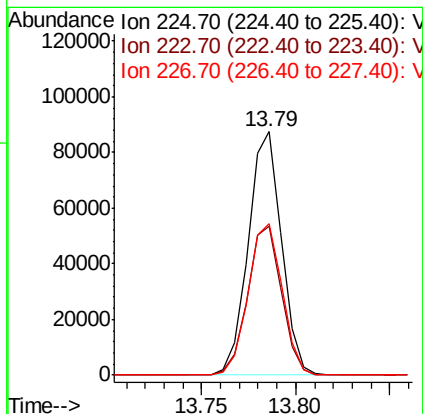
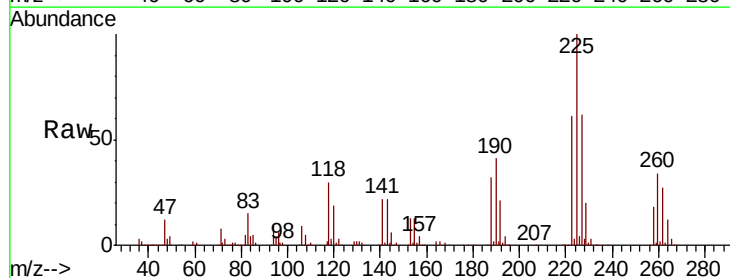
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

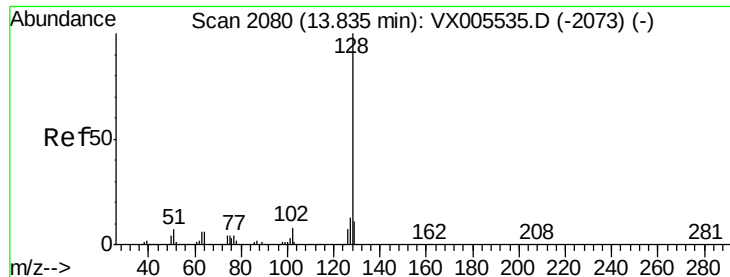
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.0
145	28.2	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 49.824 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005538.D
 Acq: 24 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.1	90.5
227	63.7	30.8	92.4





#95

Naphthalene

Concen: 55.703 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102418

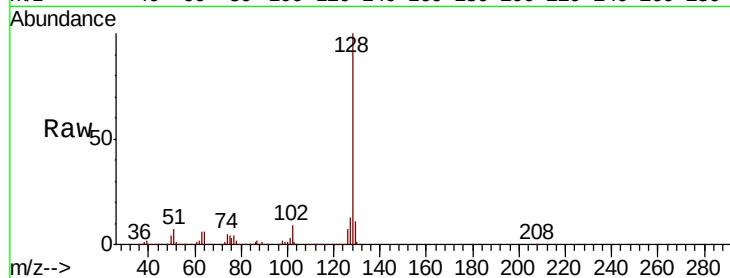
Tot Ion:128 Resp: 670200

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

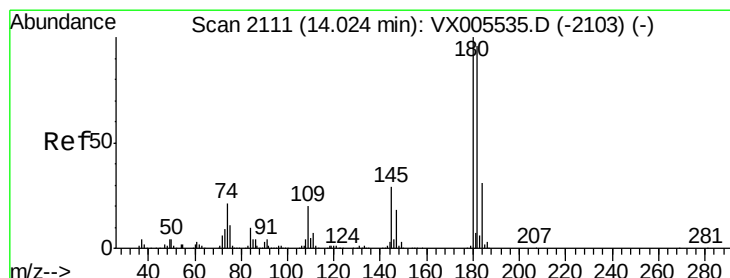
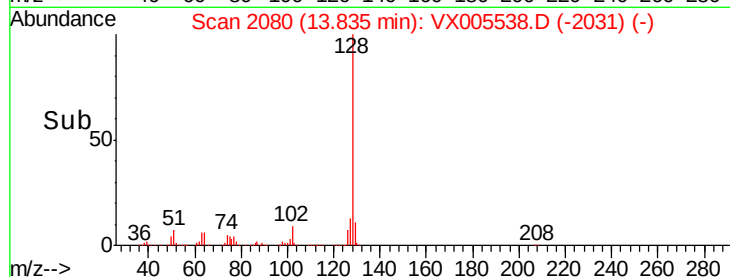
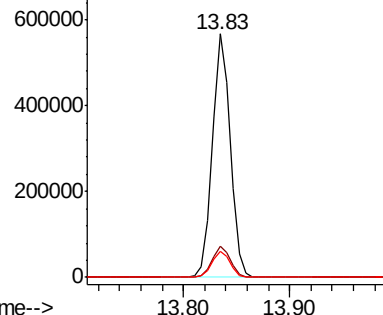
129 10.7 8.6 12.8



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: 52.180 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005538.D

Acq: 24 Oct 2018 13:18

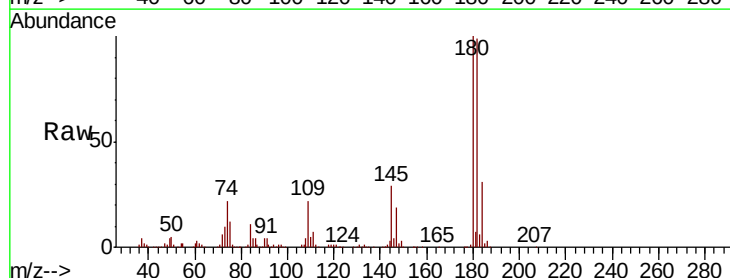
Tgt Ion:180 Resp: 218936

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 30.2 14.9 44.9



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

