

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102819\NOT REVIEWED DATA\
 Data File : VX013258.D
 Acq On : 28 Oct 2019 19:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 19:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	72476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	103885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	106568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	76737	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	77208	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.49	113	60712	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.71	98	217423	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	88193	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	69981	47.853	ug/l 99
3) Chloromethane	1.32	50	53684	44.682	ug/l 98
4) Vinyl Chloride	1.40	62	60104	45.668	ug/l 96
5) Bromomethane	1.63	94	30636	43.917	ug/l 100
6) Chloroethane	1.71	64	37758	51.333	ug/l 100
7) Trichlorofluoromethane	1.92	101	109136	52.535	ug/l 98
8) Diethyl Ether	2.18	74	34011	47.750	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64215	49.927	ug/l 99
10) Methyl Iodide	2.50	142	76749	47.551	ug/l 99
11) Tert butyl alcohol	3.04	59	81290	247.179	ug/l 99
12) 1,1-Dichloroethene	2.36	96	59685	48.343	ug/l 94
13) Acrolein	2.28	56	42666	239.897	ug/l 96
14) Allyl chloride	2.72	41	88812	45.692	ug/l 96
15) Acrylonitrile	3.13	53	161991	242.443	ug/l 98
16) Acetone	2.44	43	156770	219.517	ug/l 97
17) Carbon Disulfide	2.56	76	146183	44.041	ug/l 100
18) Methyl Acetate	2.76	43	80484	51.581	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	219679	50.527	ug/l 99
20) Methylene Chloride	2.84	84	67320	50.406	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	63577	49.496	ug/l 91
22) Diisopropyl ether	3.84	45	184589	48.570	ug/l 95
23) Vinyl Acetate	3.80	43	799336	247.453	ug/l 99
24) 1,1-Dichloroethane	3.69	63	115656	49.475	ug/l 99
25) 2-Butanone	4.66	43	223750	233.618	ug/l 96
26) 2,2-Dichloropropane	4.57	77	103323	47.825	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	73426	48.561	ug/l 97
28) Bromochloromethane	5.00	49	31150	51.678	ug/l 92
29) Tetrahydrofuran	5.11	42	137807	238.709	ug/l 99
30) Chloroform	5.20	83	127443	51.205	ug/l 98
31) Cyclohexane	5.57	56	94331	48.118	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	119345	53.930	ug/l 99
36) 1,1-Dichloropropene	5.79	75	89313	51.362	ug/l 99
37) Ethyl Acetate	4.82	43	85113	49.165	ug/l 98
38) Carbon Tetrachloride	5.78	117	101925	53.081	ug/l 94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	106195	47.750	ug/l	96
40) Benzene	6.13	78	257879	49.421	ug/l	97
41) Methacrylonitrile	5.03	41	47054	50.697	ug/l	98
42) 1,2-Dichloroethane	6.18	62	106450	54.108	ug/l	99
43) Isopropyl Acetate	6.43	43	146274	50.890	ug/l	100
44) Trichloroethene	7.21	130	74662	50.415	ug/l	97
45) 1,2-Dichloropropane	7.51	63	63709	48.747	ug/l	100
46) Dibromomethane	7.65	93	46603	49.494	ug/l	97
47) Bromodichloromethane	7.89	83	98900	53.897	ug/l	99
48) Methyl methacrylate	7.76	41	72163	50.797	ug/l	99
49) 1,4-Dioxane	7.73	88	32997	912.617	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	440991	251.713	ug/l	99
52) Toluene	8.78	92	169609	49.047	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106039	54.379	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	113138	53.037	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	70110	51.280	ug/l	99
56) Ethyl methacrylate	9.17	69	111618	54.244	ug/l	99
57) 1,3-Dichloropropane	9.37	76	116139	50.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	219345	273.186	ug/l	99
59) 2-Hexanone	9.49	43	348348	258.127	ug/l	99
60) Dibromochloromethane	9.58	129	78959	55.116	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76476	52.690	ug/l	99
64) Tetrachloroethene	9.33	164	76070	58.167	ug/l	97
65) Chlorobenzene	10.14	112	185554	49.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	73602	53.409	ug/l	97
67) Ethyl Benzene	10.25	91	337234	50.496	ug/l	99
68) m/p-Xylenes	10.35	106	252222	99.934	ug/l	98
69) o-Xylene	10.70	106	119906	49.525	ug/l	98
70) Styrene	10.71	104	215724	51.745	ug/l	99
71) Bromoform	10.85	173	57013	56.620	ug/l #	99
73) Isopropylbenzene	11.01	105	339424	48.709	ug/l	100
74) N-amyl acetate	10.89	43	129351	50.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	99864	47.197	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	122354	66.155	ug/l	89
77) Bromobenzene	11.25	156	83475	49.981	ug/l	90
78) n-propylbenzene	11.35	91	359462	47.489	ug/l	99
79) 2-Chlorotoluene	11.42	91	220866	46.181	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	289112	49.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33287	49.457	ug/l	97
82) 4-Chlorotoluene	11.51	91	272494	50.286	ug/l	97
83) tert-Butylbenzene	11.76	119	272602	47.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	296264	50.710	ug/l	99
85) sec-Butylbenzene	11.94	105	324575	49.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	303899	49.604	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	150757	49.965	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	151218	49.225	ug/l	99
89) n-Butylbenzene	12.39	91	254557	50.792	ug/l	99
90) Hexachloroethane	12.59	117	51105	49.811	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	142712	48.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27871	52.970	ug/l	98

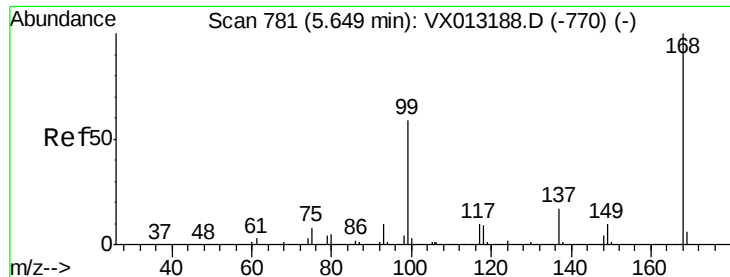
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	93024	49.791	ug/l	96
94) Hexachlorobutadiene	13.78	225	46875	48.503	ug/l	97
95) Naphthalene	13.83	128	303386	52.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	96307	52.166	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

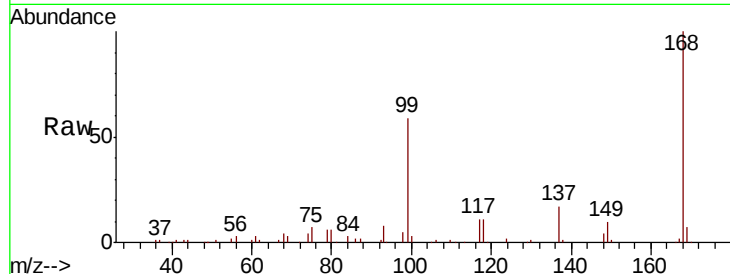
VSTDCCC050EC

Tot Ion:168 Resp: 72476

Ion Ratio Lower Upper

168 100

99 58.9 47.0 70.4

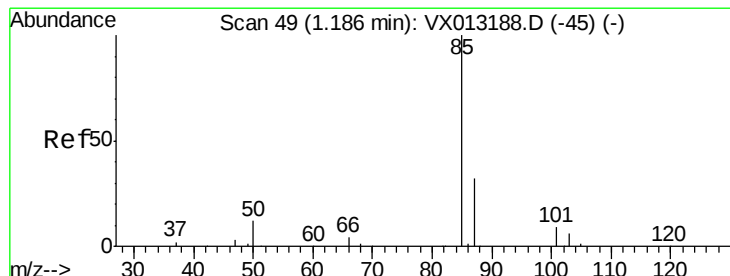
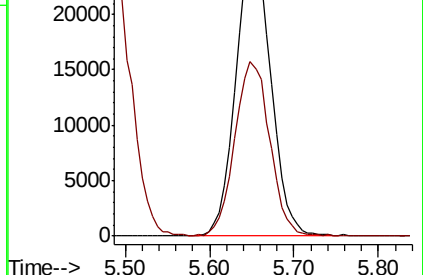
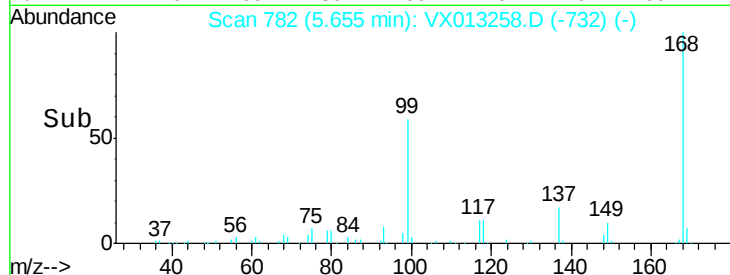


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 47.853 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013258.D

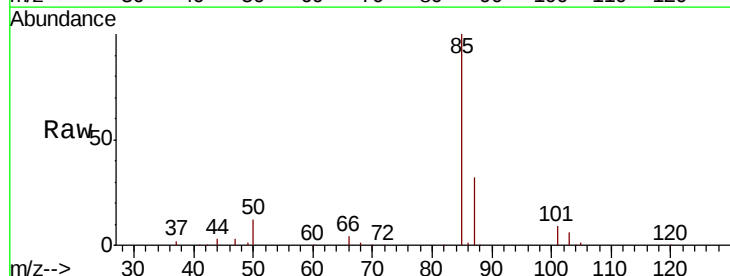
Acq: 28 Oct 2019 19:14

Tgt Ion: 85 Resp: 69981

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.6

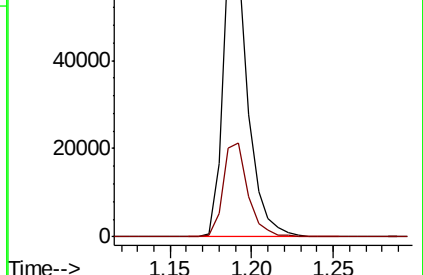
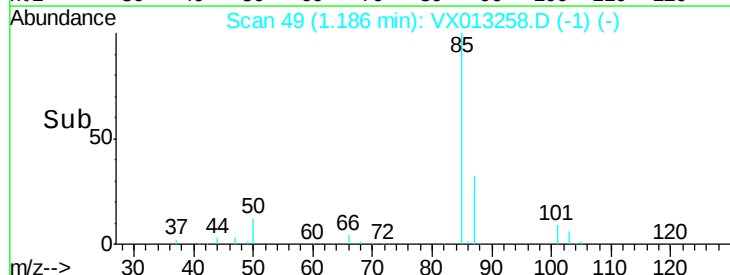


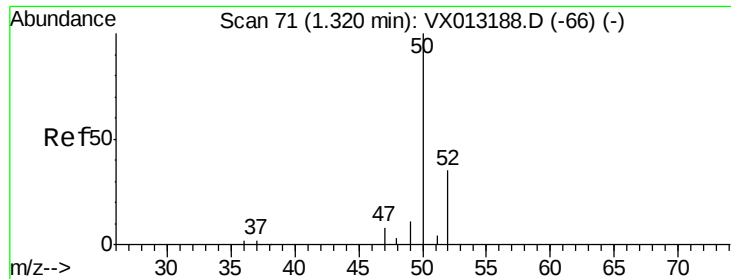
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->





#3

Chloromethane

Concen: 44.682 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

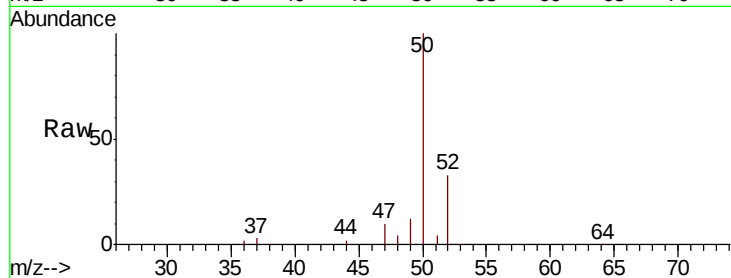
VSTDCCC050EC

Tot Ion: 50 Resp: 53684

Ion Ratio Lower Upper

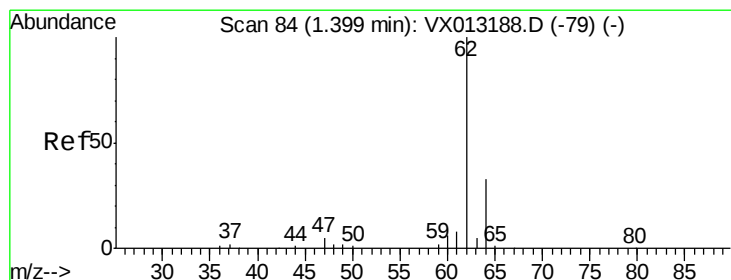
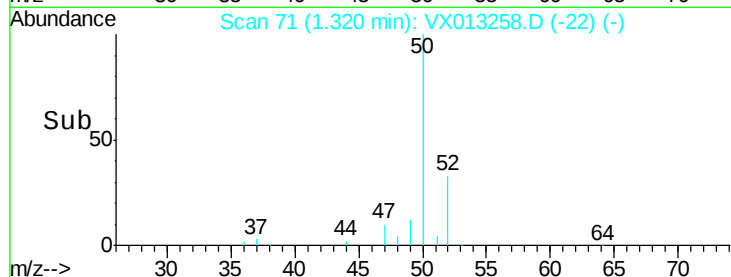
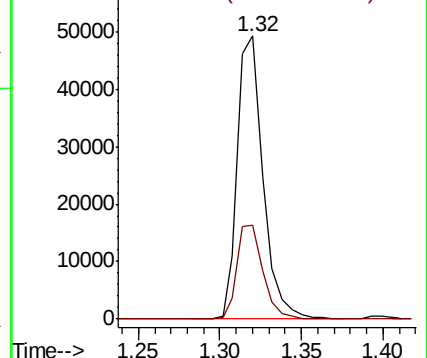
50 100

52 33.3 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.668 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013258.D

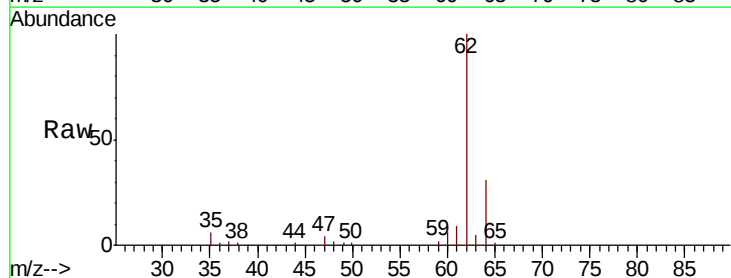
Acq: 28 Oct 2019 19:14

Tgt Ion: 62 Resp: 60104

Ion Ratio Lower Upper

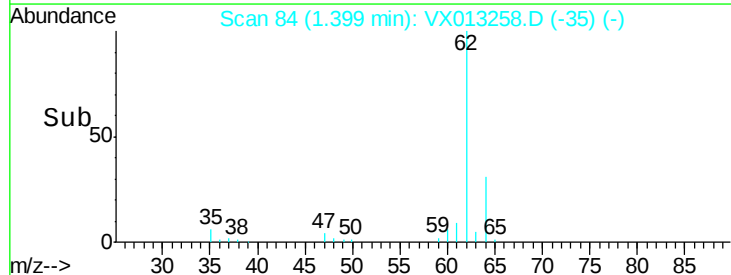
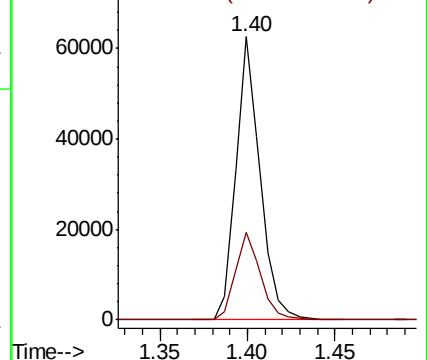
62 100

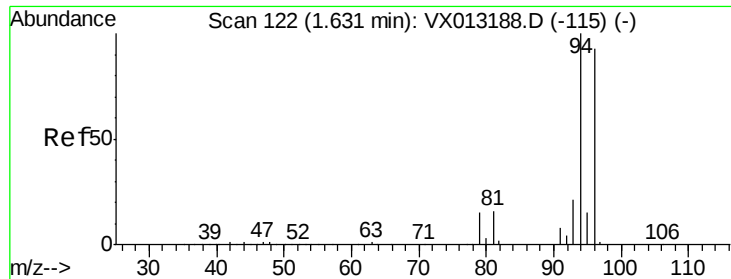
64 31.0 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.917 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

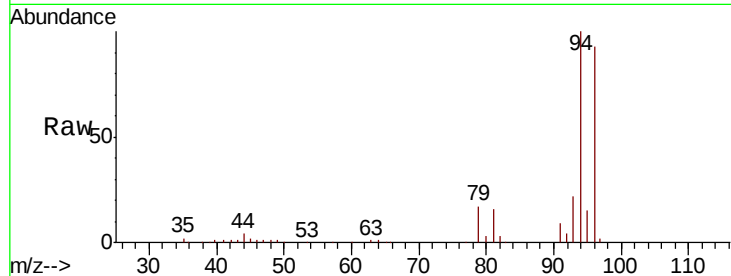
VSTDCCC050EC

Tot Ion: 94 Resp: 30636

Ion Ratio Lower Upper

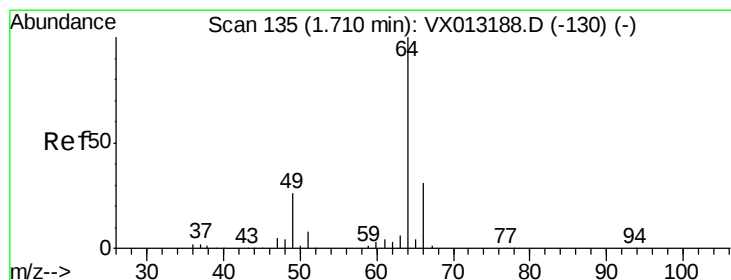
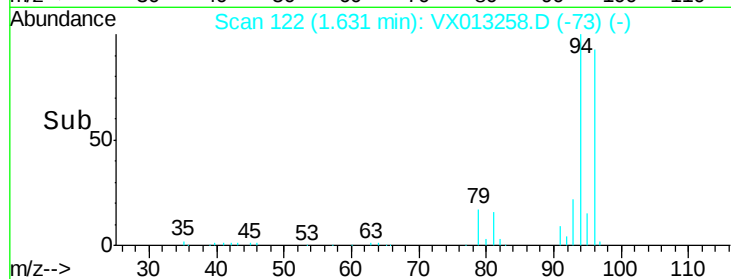
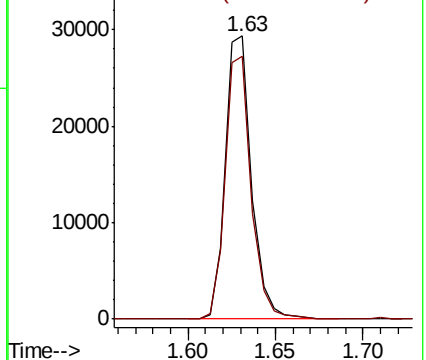
94 100

96 93.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.333 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013258.D

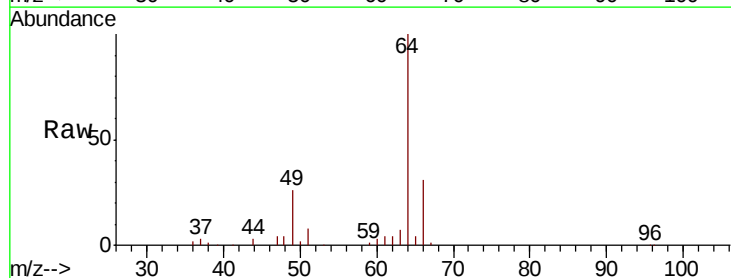
Acq: 28 Oct 2019 19:14

Tgt Ion: 64 Resp: 37758

Ion Ratio Lower Upper

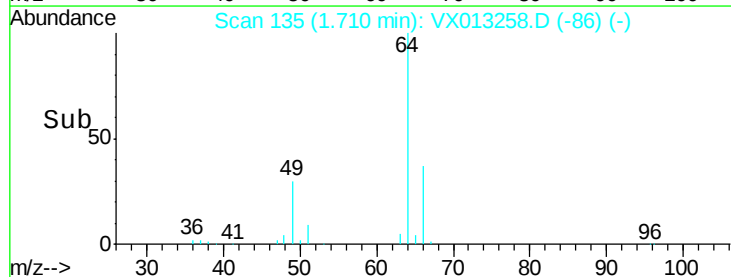
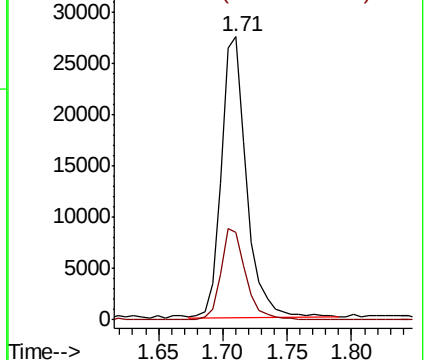
64 100

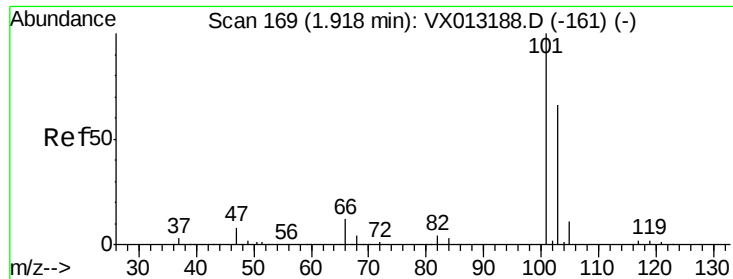
66 31.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



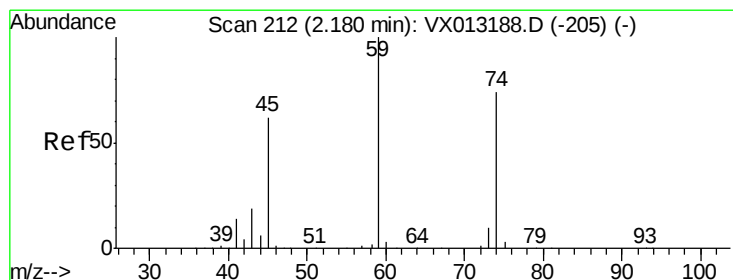
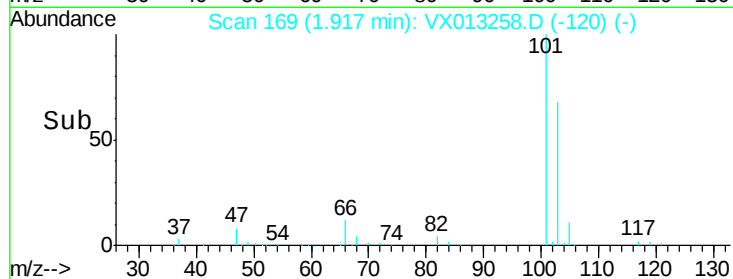
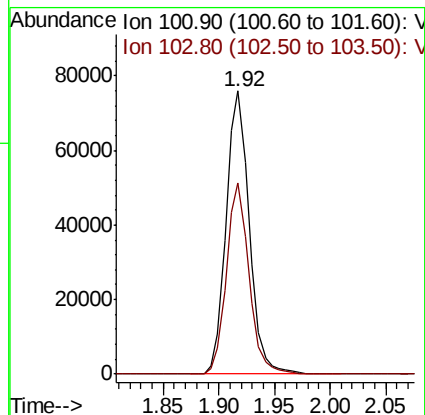
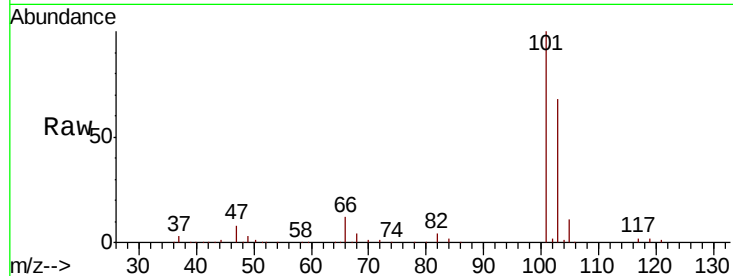


#7

Trichlorofluoromethane
 Concen: 52.535 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
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 VSTDCCC050EC

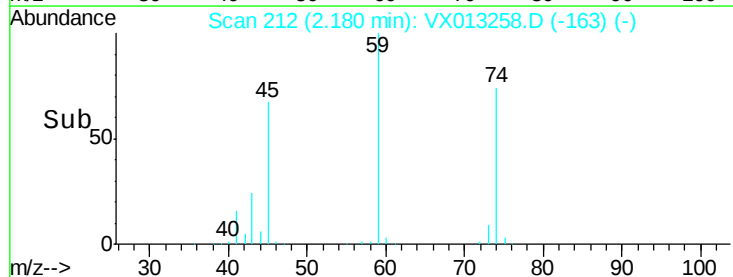
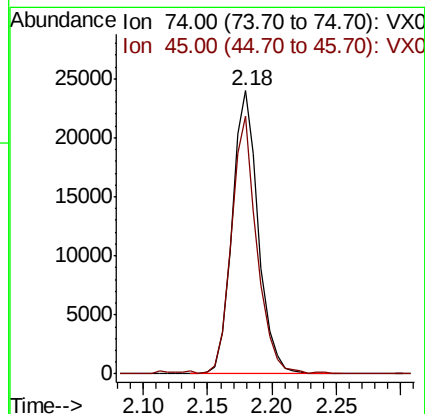
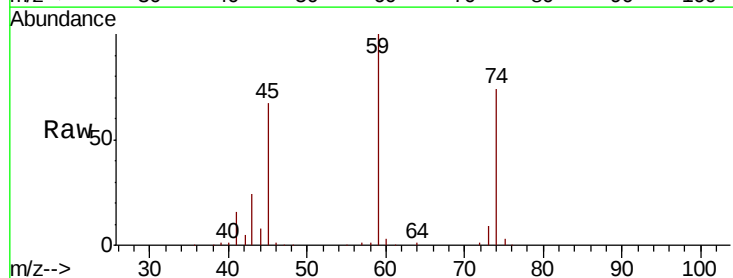
Tot Ion:101 Resp: 109136
 Ion Ratio Lower Upper
 101 100
 103 67.8 53.0 79.6

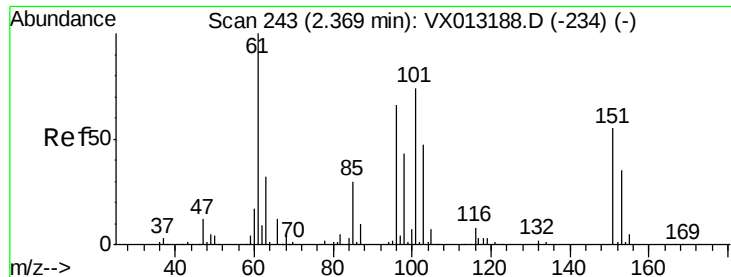


#8

Diethyl Ether
 Concen: 47.750 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 74 Resp: 34011
 Ion Ratio Lower Upper
 74 100
 45 88.9 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.927 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

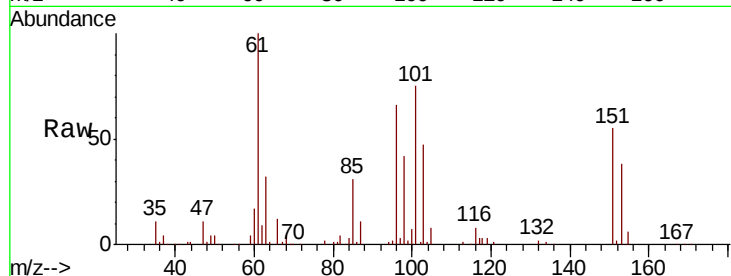
Tot Ion:101 Resp: 64215

Ion Ratio Lower Upper

101 100

85 41.7 34.0 51.0

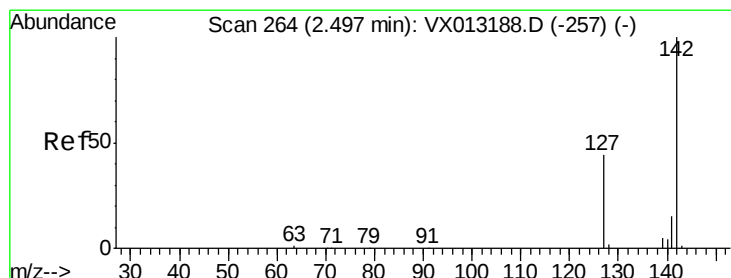
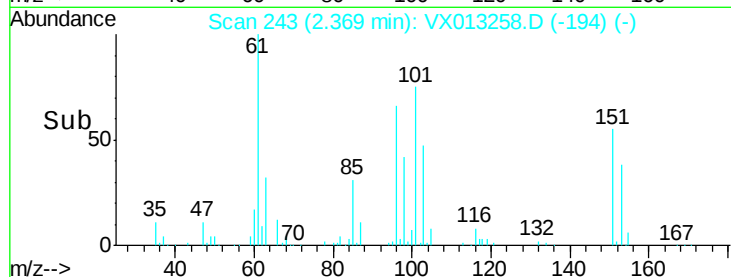
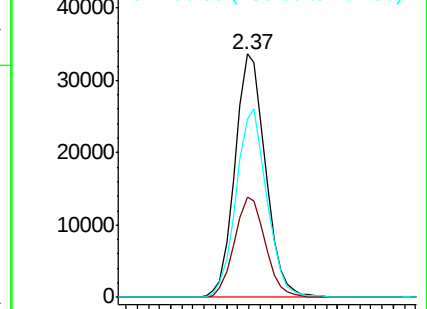
151 77.6 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.551 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

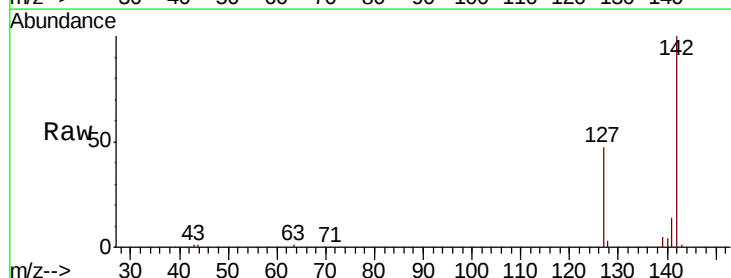
Tgt Ion:142 Resp: 76749

Ion Ratio Lower Upper

142 100

127 45.3 35.6 53.4

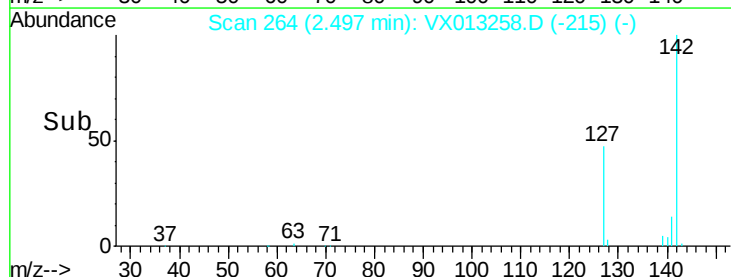
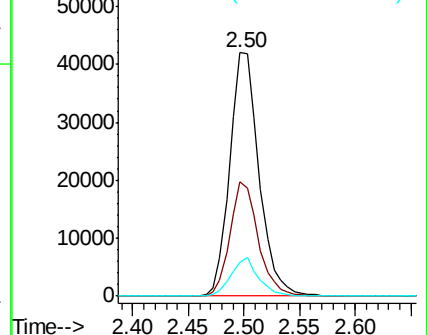
141 14.7 11.6 17.4

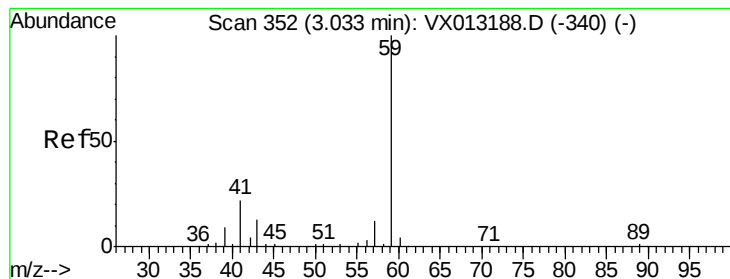


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



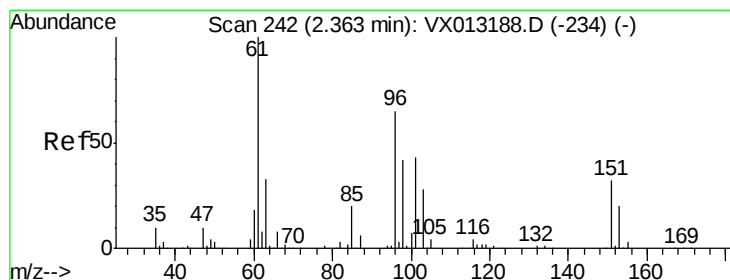
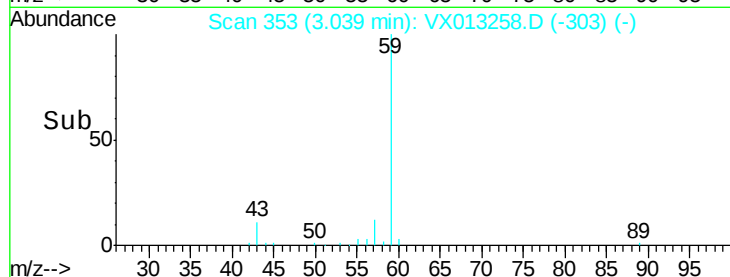
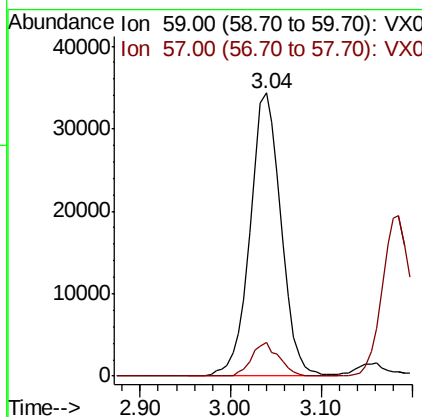
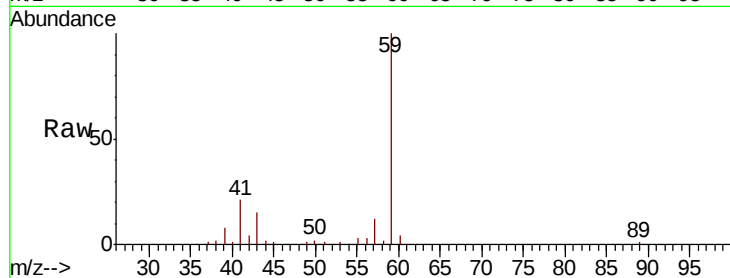


#11

Tert butyl alcohol
 Concen: 247.179 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

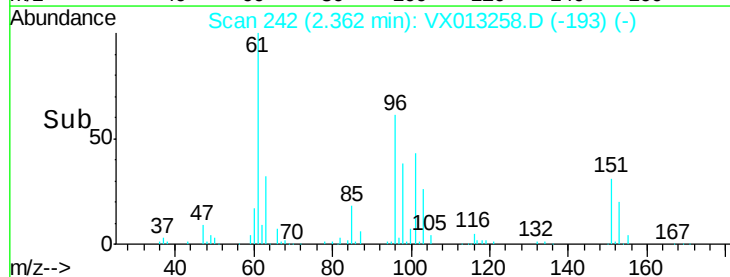
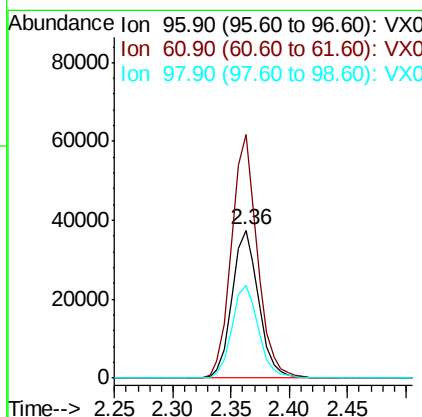
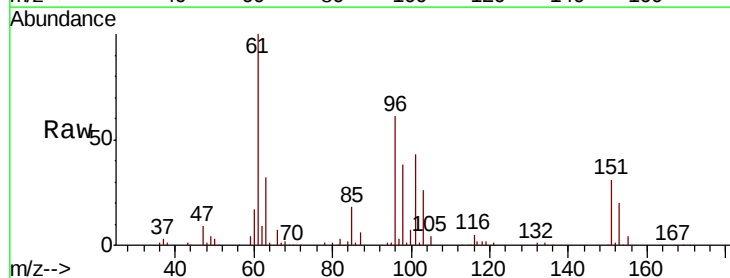
Tot Ion: 59 Resp: 81290
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

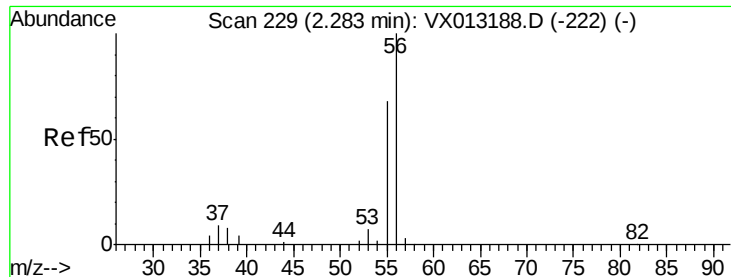


#12

1,1-Dichloroethene
 Concen: 48.343 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 96 Resp: 59685
 Ion Ratio Lower Upper
 96 100
 61 164.8 123.8 185.8
 98 62.5 51.6 77.4





#13

Acrolein

Concen: 239.897 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

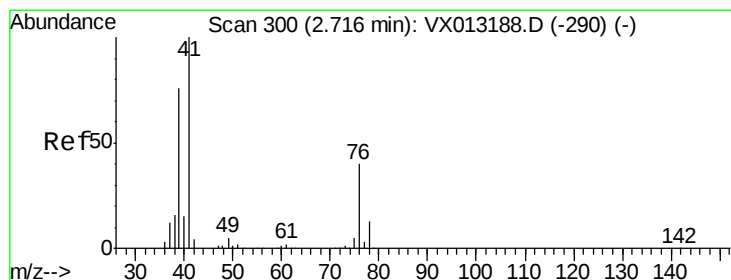
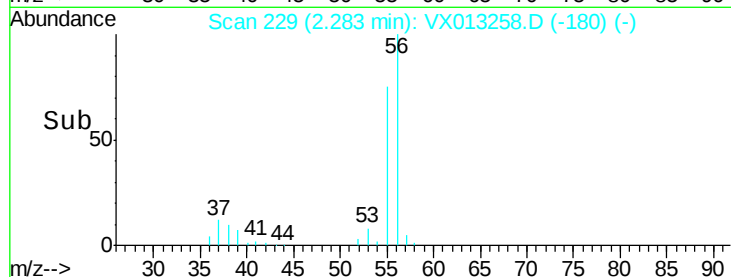
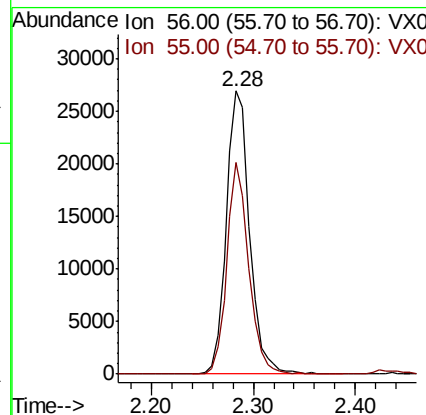
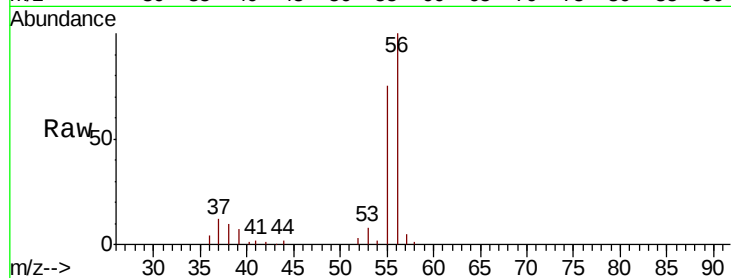
VSTDCCC050EC

Tot Ion: 56 Resp: 42666

Ion Ratio Lower Upper

56 100

55 70.5 58.9 88.3



#14

Allyl chloride

Concen: 45.692 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

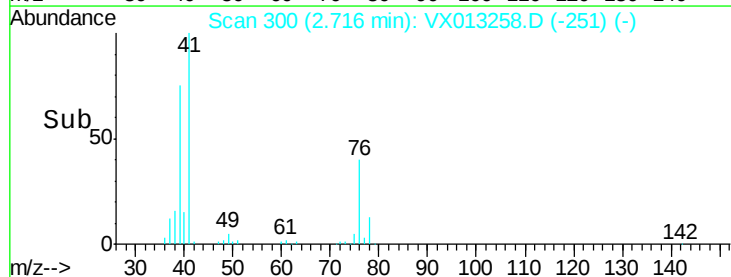
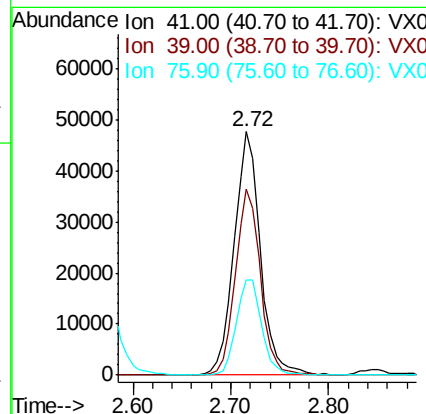
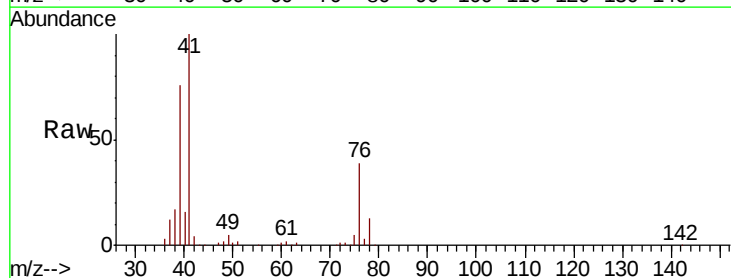
Tgt Ion: 41 Resp: 88812

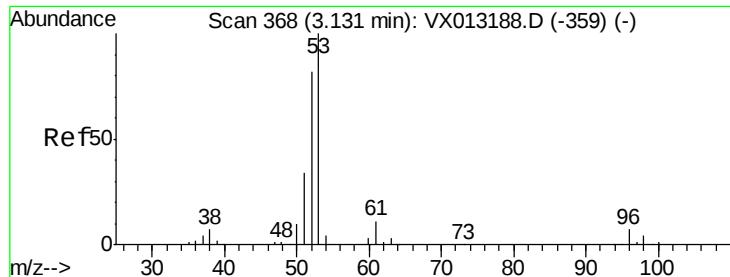
Ion Ratio Lower Upper

41 100

39 72.4 54.6 81.8

76 38.1 29.8 44.6





#15

Acrylonitrile

Concen: 242.443 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

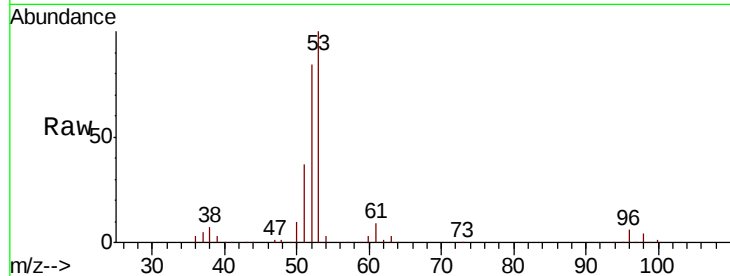
Tot Ion: 53 Resp: 161991

Ion Ratio Lower Upper

53 100

52 84.1 66.4 99.6

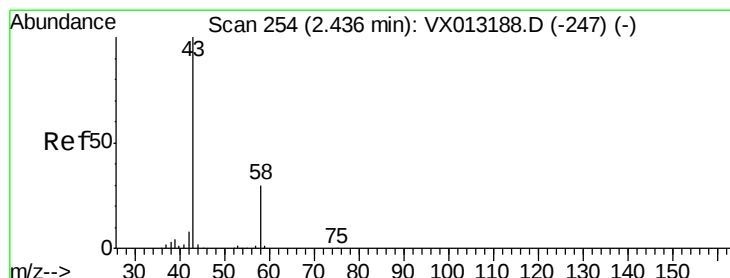
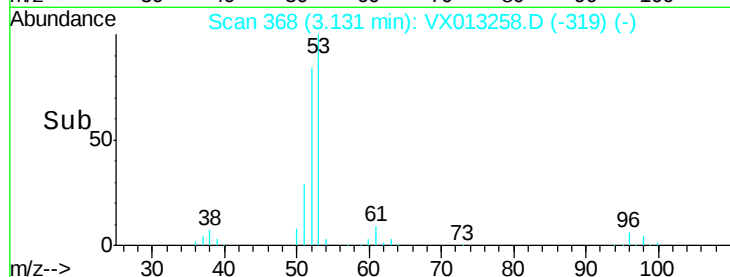
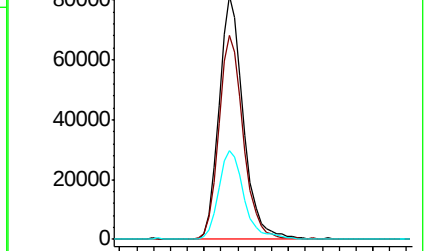
51 38.2 29.4 44.2



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: 219.517 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013258.D

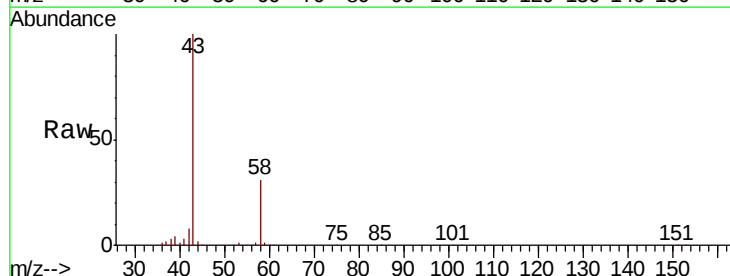
Acq: 28 Oct 2019 19:14

Tgt Ion: 43 Resp: 156770

Ion Ratio Lower Upper

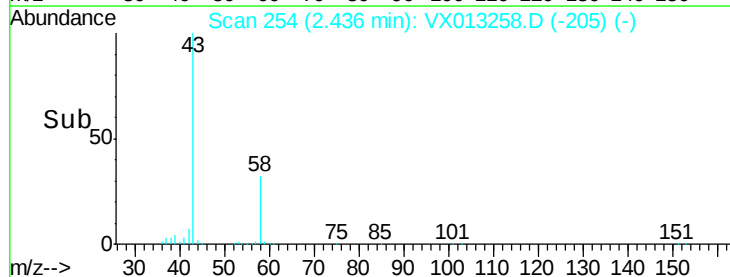
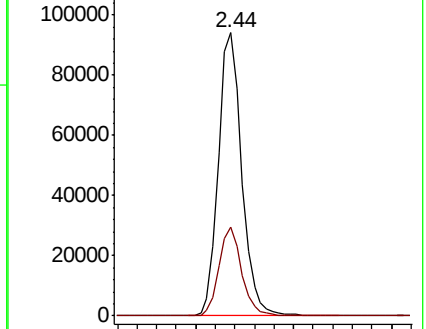
43 100

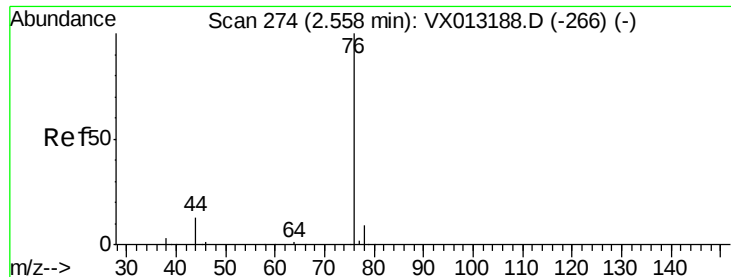
58 31.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

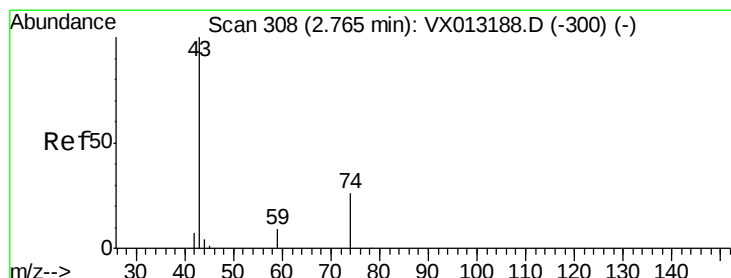
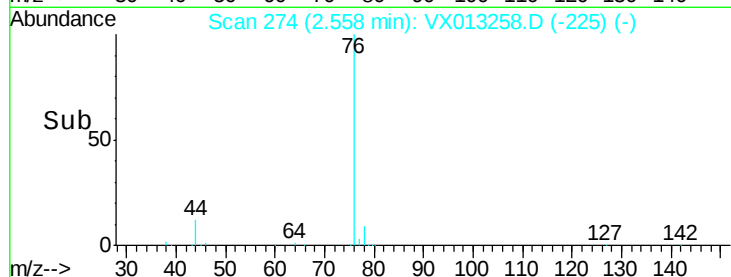
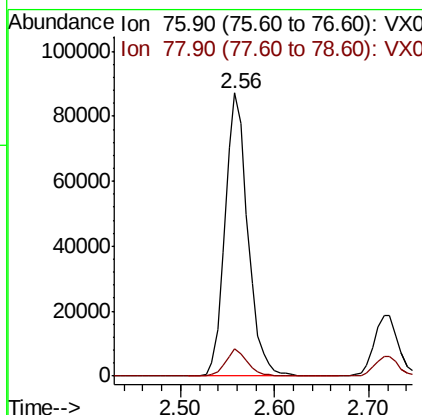
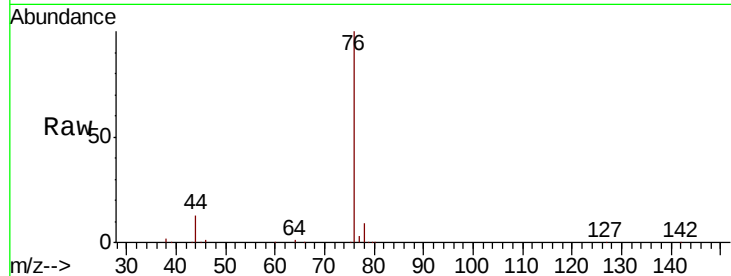




#17
Carbon Disulfide
Concen: 44.041 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

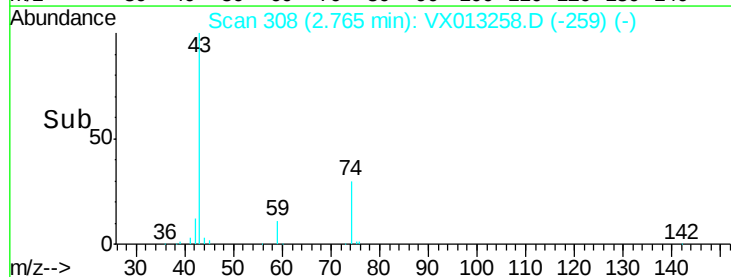
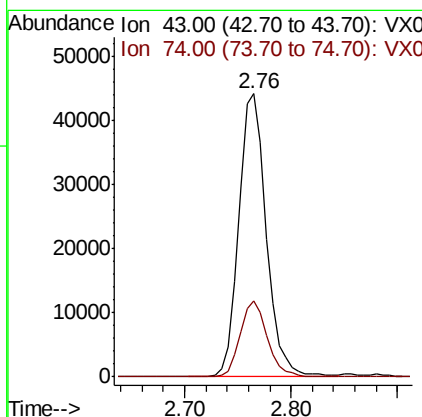
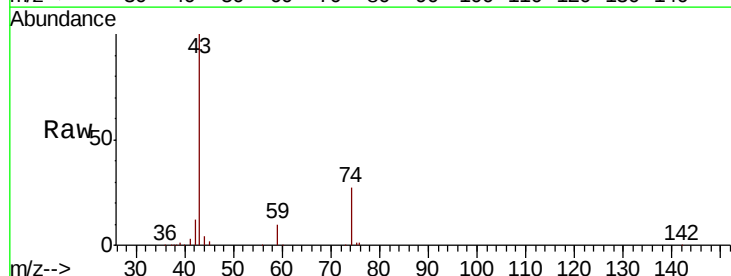
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

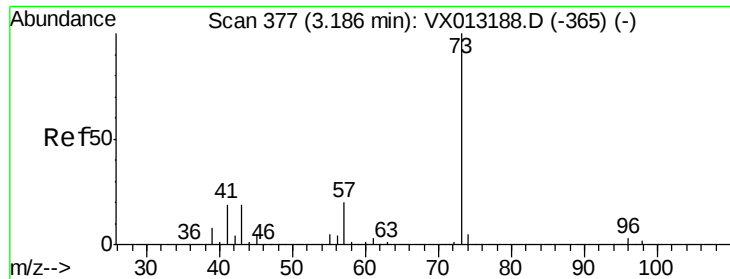
Tot Ion: 76 Resp: 146183
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 51.581 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 43 Resp: 80484
Ion Ratio Lower Upper
43 100
74 26.8 20.9 31.3

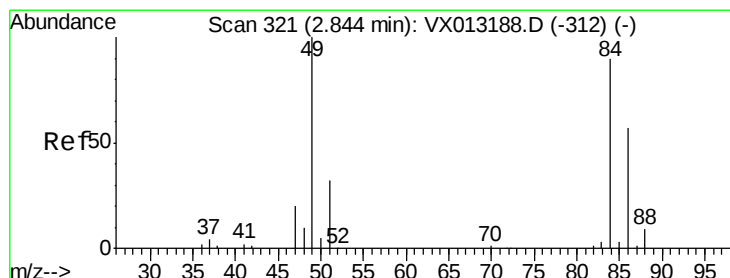
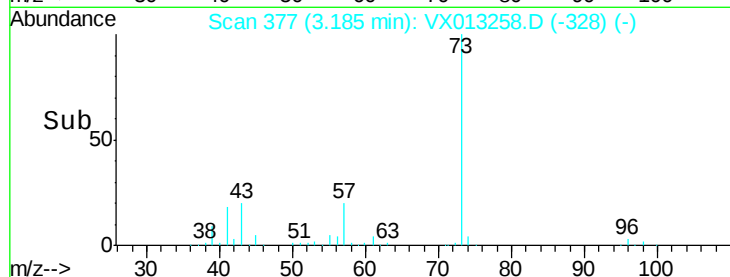
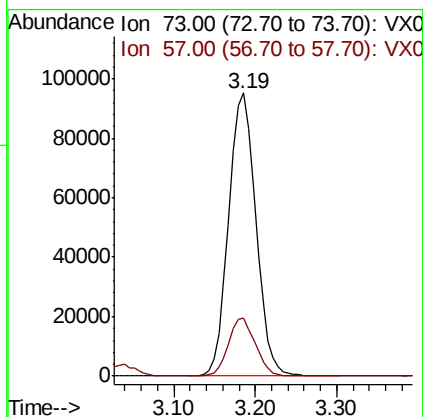
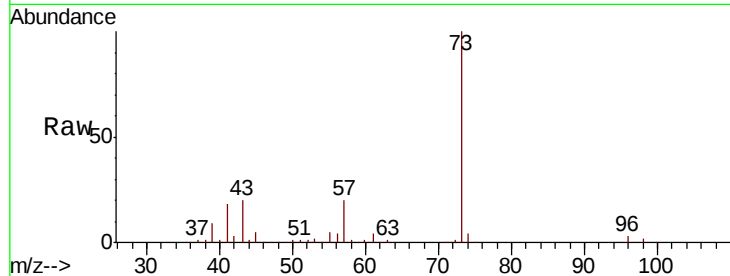




#19
Methyl tert-butyl Ether
Concen: 50.527 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

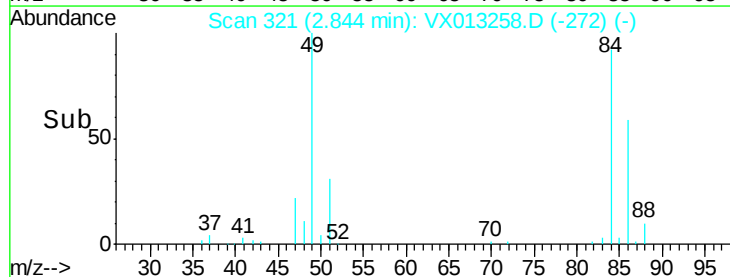
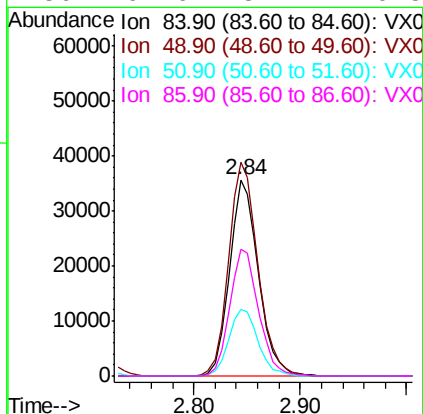
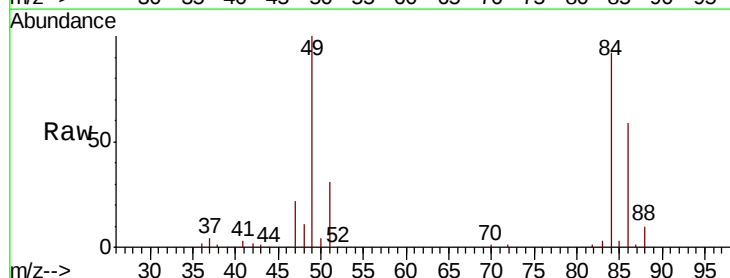
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

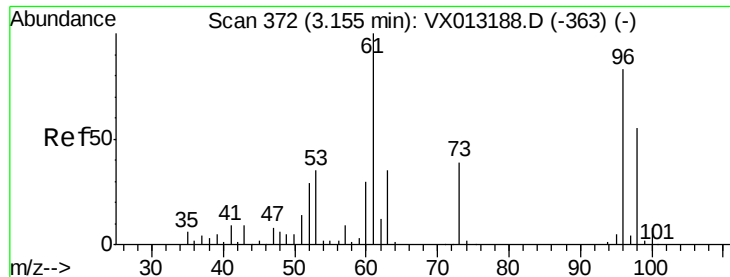
Tot Ion: 73 Resp: 219679
Ion Ratio Lower Upper
73 100
57 20.5 15.8 23.8



#20
Methylene Chloride
Concen: 50.406 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 84 Resp: 67320
Ion Ratio Lower Upper
84 100
49 108.9 89.2 133.8
51 33.9 28.8 43.2
86 64.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.496 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

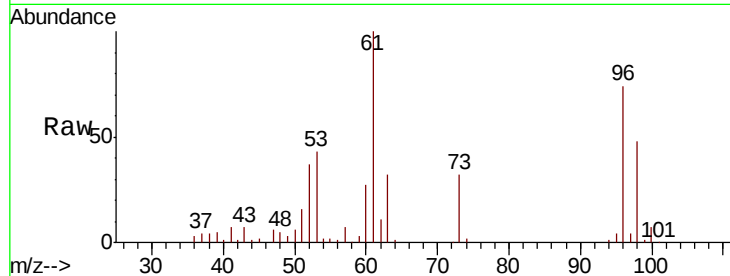
Tot Ion: 96 Resp: 63577

Ion Ratio Lower Upper

96 100

61 135.0 96.9 145.3

98 64.8 53.0 79.4

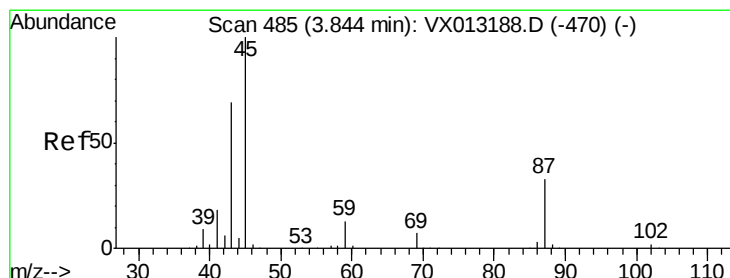
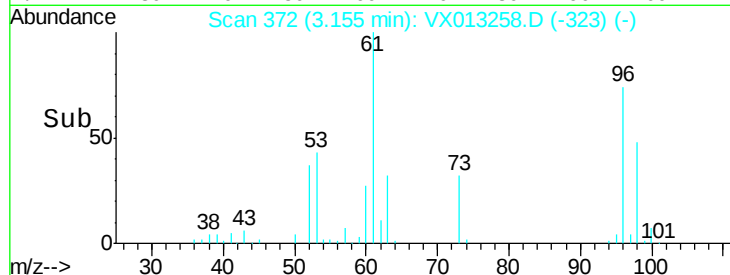
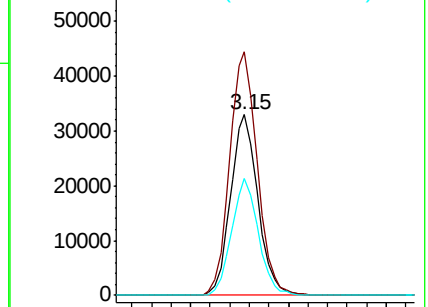


Abundance

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: 48.570 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion: 45 Resp: 184589

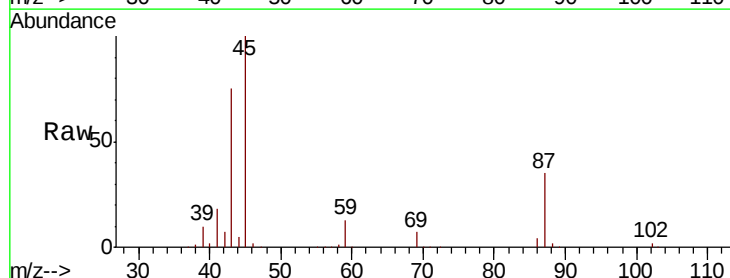
Ion Ratio Lower Upper

45 100

43 75.1 55.5 83.3

87 34.6 26.7 40.1

59 12.7 10.2 15.2



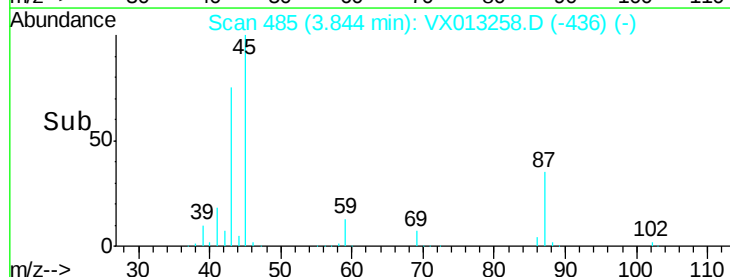
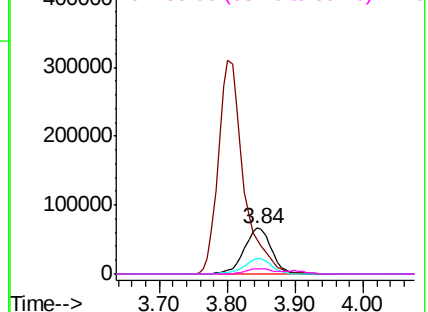
Abundance

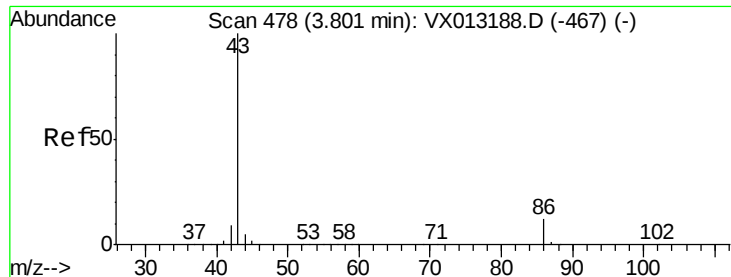
Ion 45.00 (44.70 to 45.70): VX0

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: 247.453 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

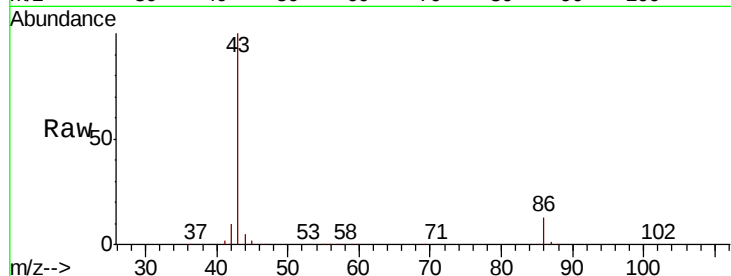
VSTDCCC050EC

Tot Ion: 43 Resp: 799336

Ion Ratio Lower Upper

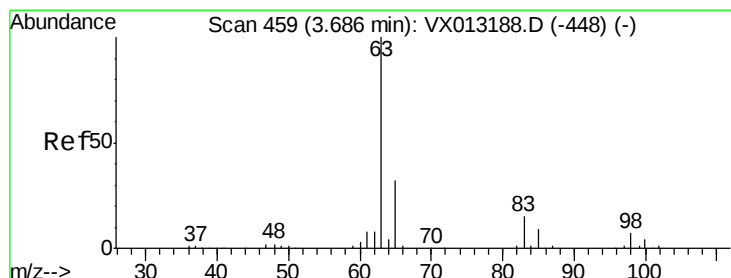
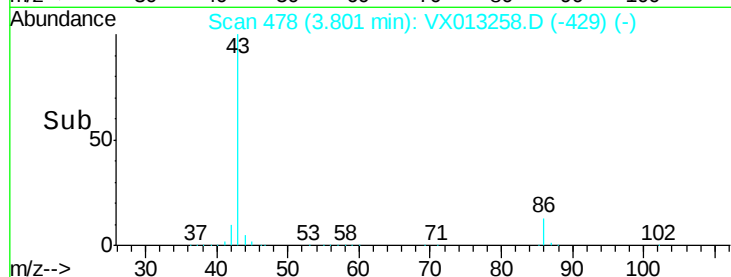
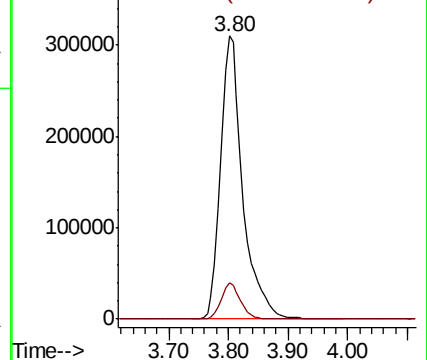
43 100

86 12.6 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.475 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

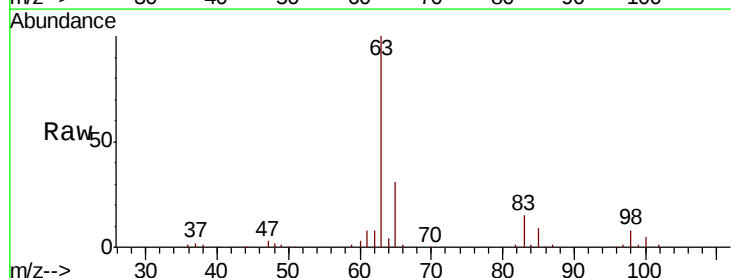
Tgt Ion: 63 Resp: 115656

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

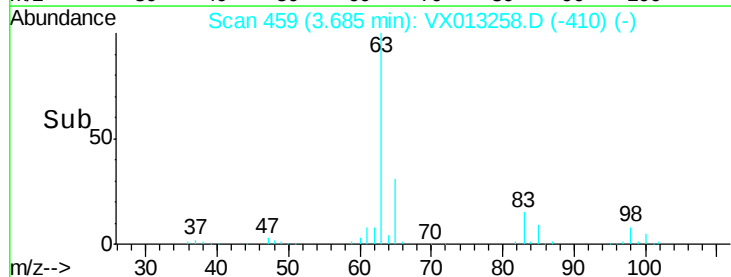
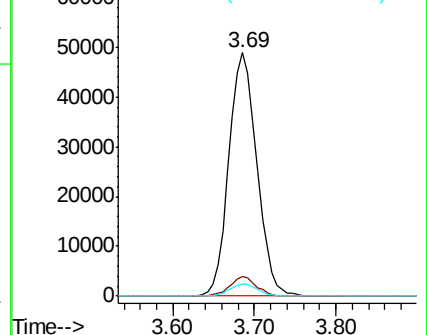
100 4.8 2.2 6.6

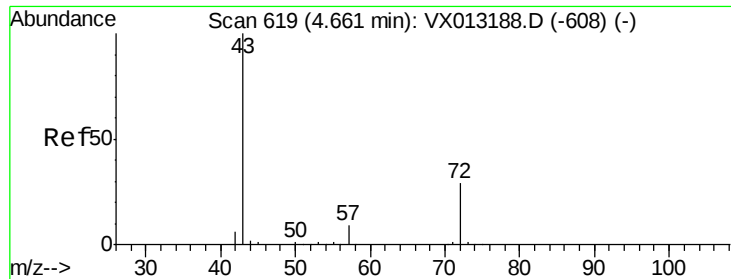


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.618 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

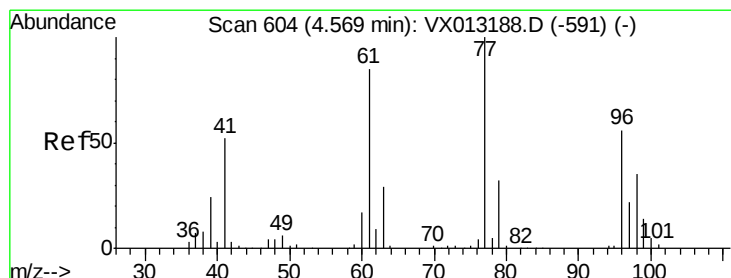
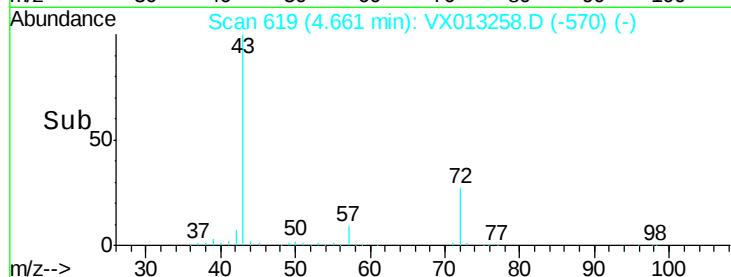
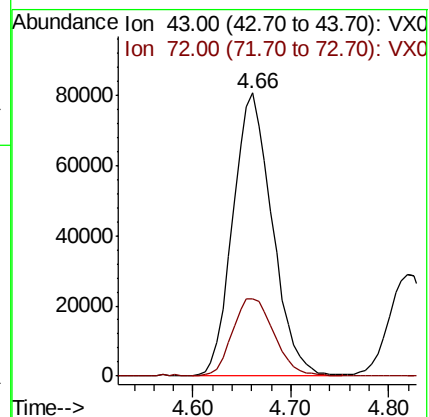
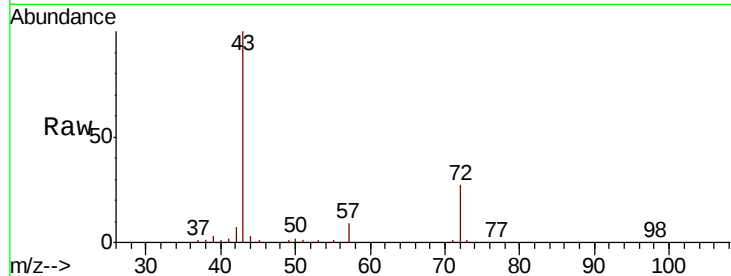
VSTDCCC050EC

Tot Ion: 43 Resp: 223750

Ion Ratio Lower Upper

43 100

72 27.3 23.4 35.2



#26

2,2-Dichloropropane

Concen: 47.825 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013258.D

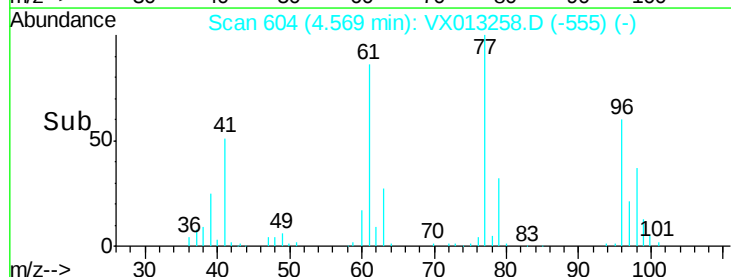
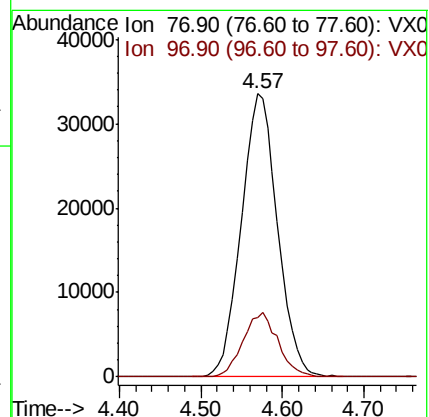
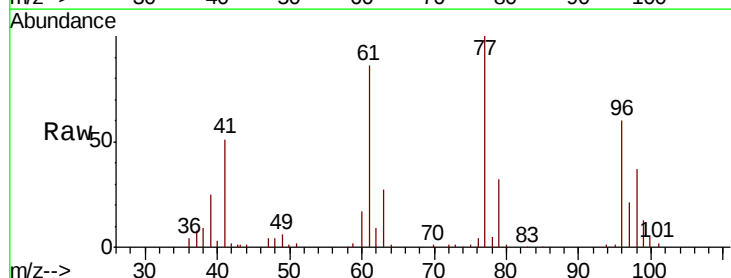
Acq: 28 Oct 2019 19:14

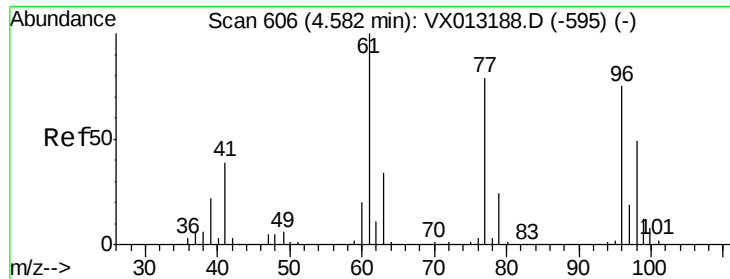
Tgt Ion: 77 Resp: 103323

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.6

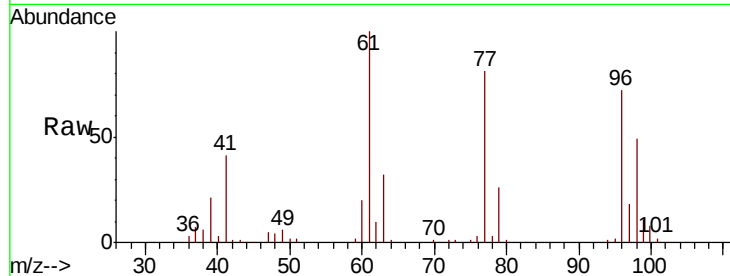




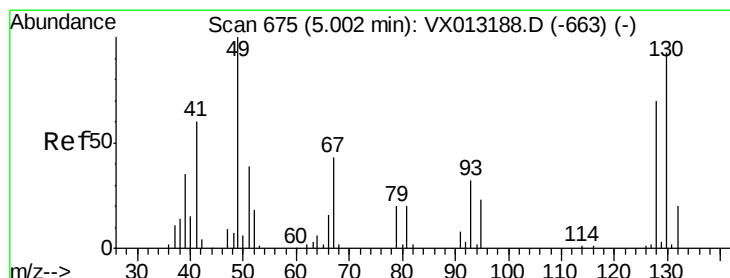
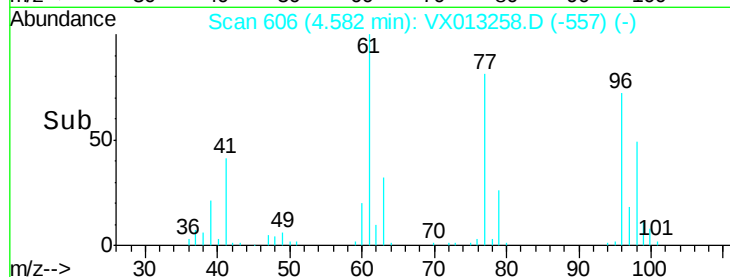
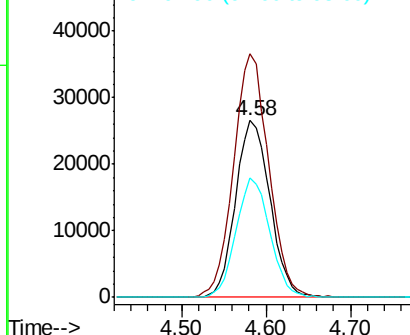
#27
 cis-1,2-Dichloroethene
 Concen: 48.561 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 73426
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 290.4
 98 66.2 0.0 130.4

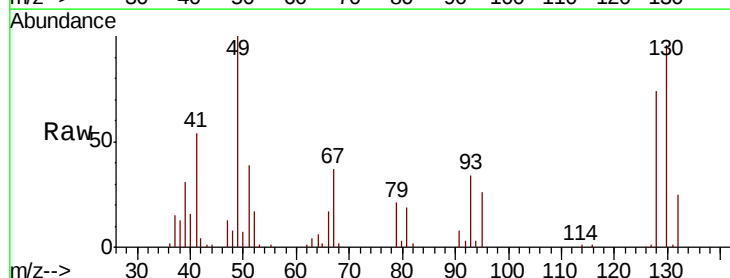


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

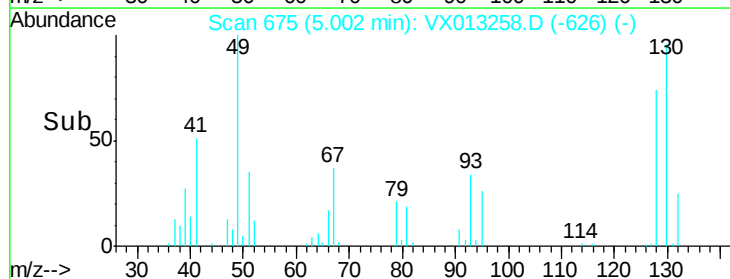
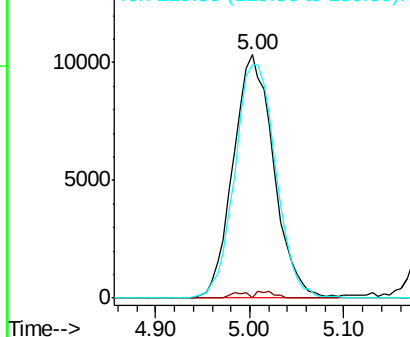


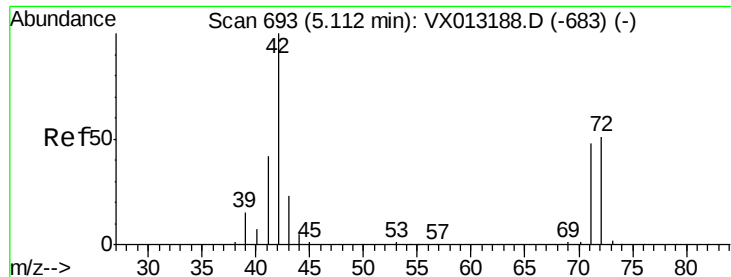
#28
 Bromochloromethane
 Concen: 51.678 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 49 Resp: 31150
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 97.5 71.8 107.8



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

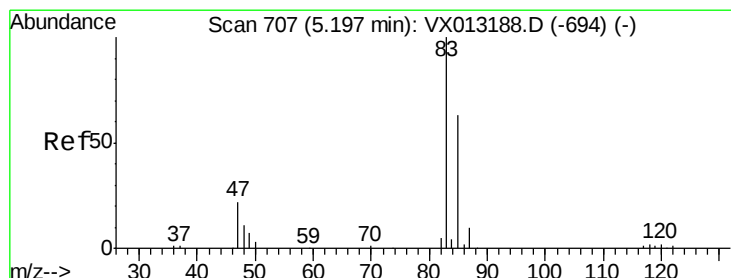
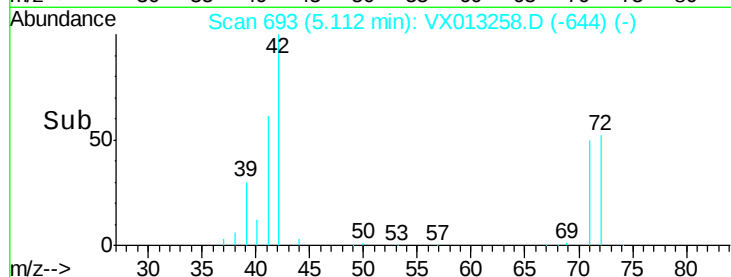
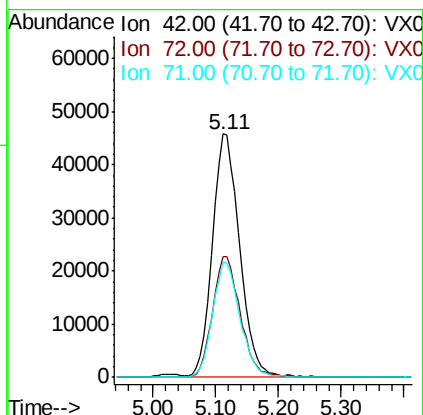
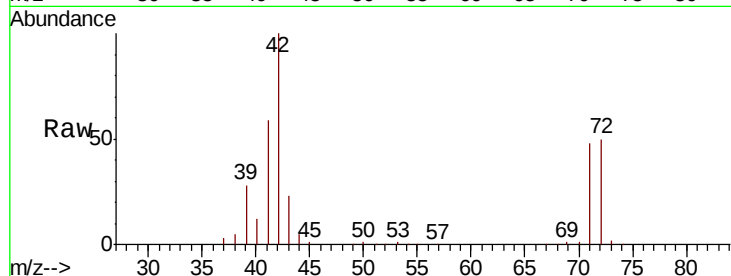




#29
Tetrahydrofuran
Concen: 238.709 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

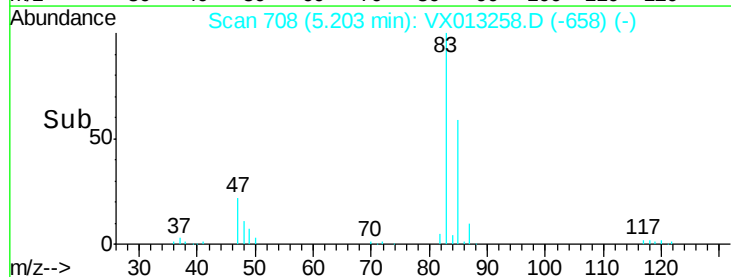
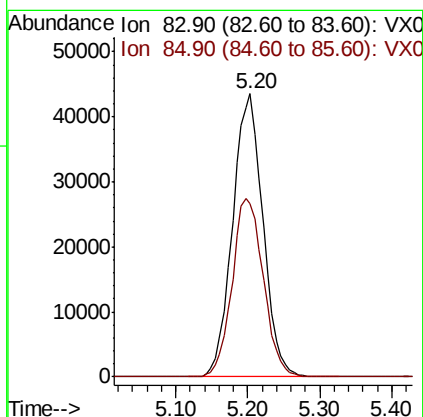
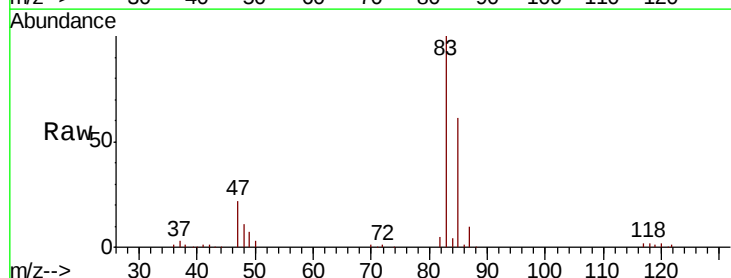
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

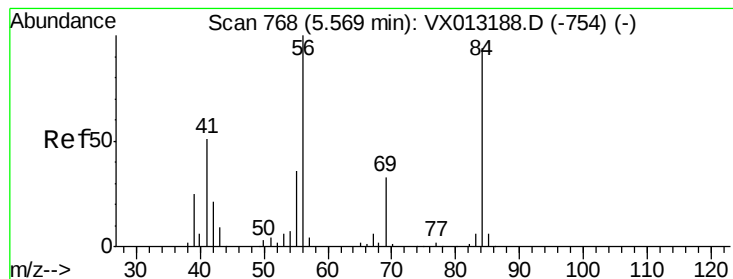
Tot Ion: 42 Resp: 137807
Ion Ratio Lower Upper
42 100
72 50.6 40.9 61.3
71 47.4 38.6 57.8



#30
Chloroform
Concen: 51.205 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 83 Resp: 127443
Ion Ratio Lower Upper
83 100
85 61.2 50.1 75.1





#31

Cyclohexane

Concen: 48.118 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

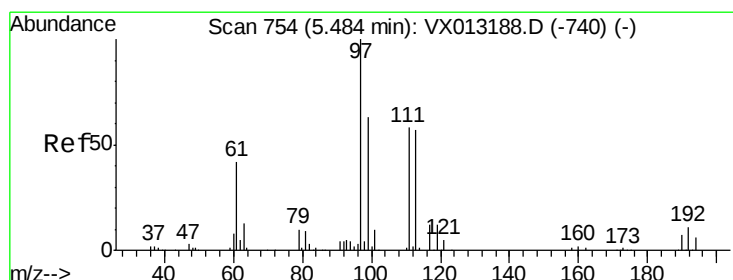
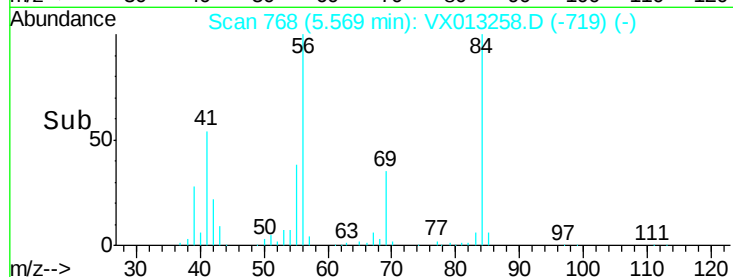
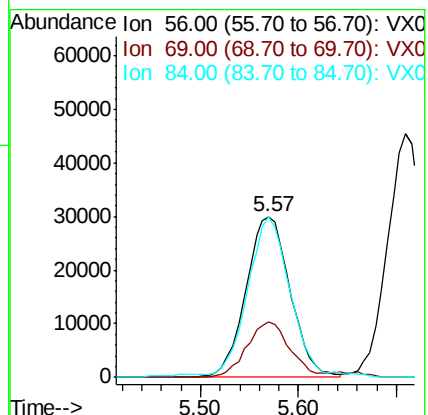
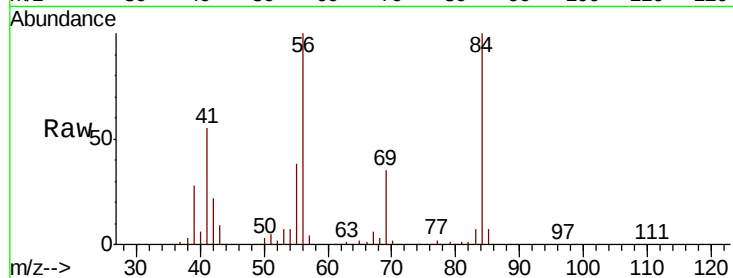
Tot Ion: 56 Resp: 94331

Ion Ratio Lower Upper

56 100

69 34.7 26.3 39.5

84 98.0 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 53.930 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

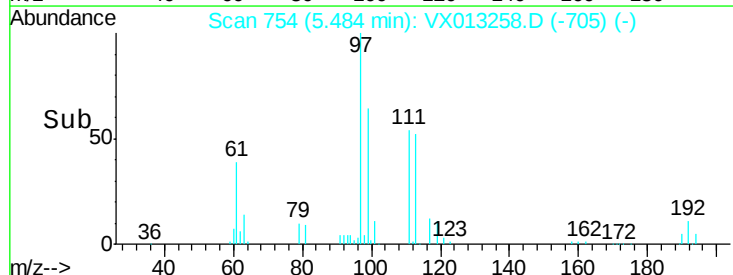
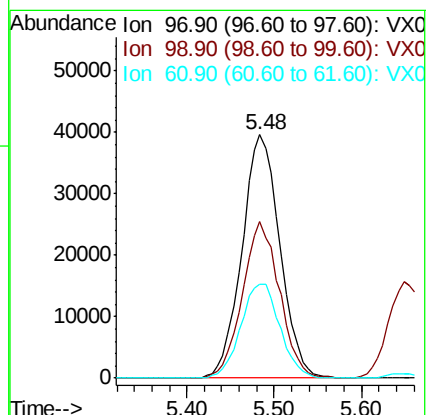
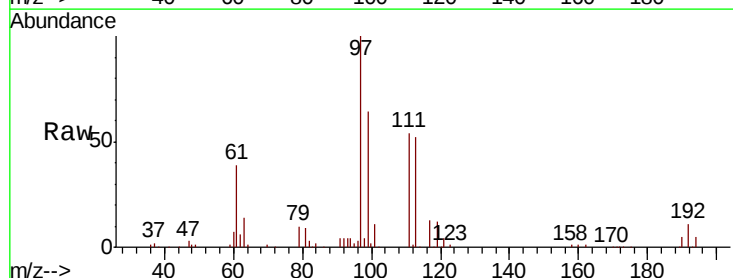
Tgt Ion: 97 Resp: 119345

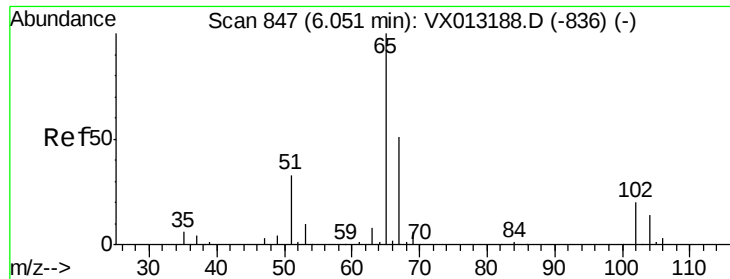
Ion Ratio Lower Upper

97 100

99 62.8 50.8 76.2

61 39.9 32.8 49.2

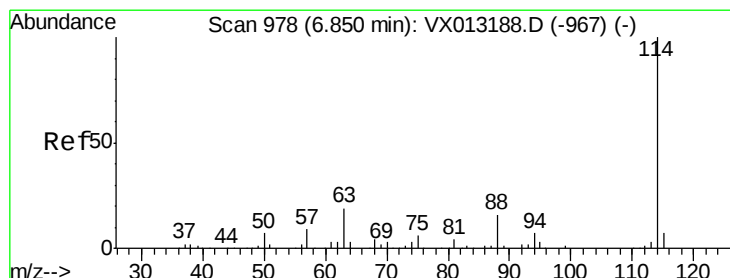
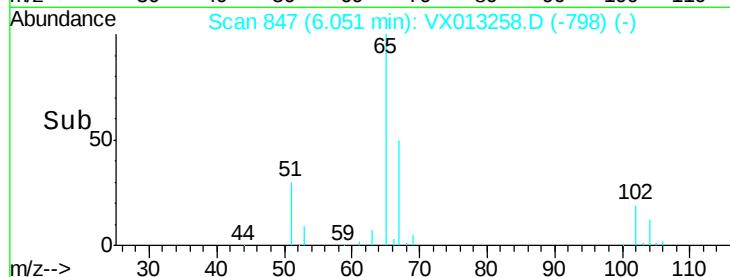
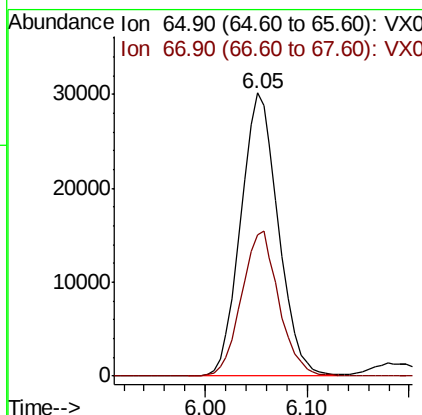
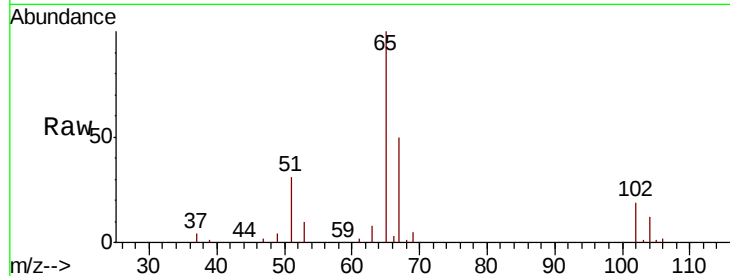




#33
 1,2-Dichloroethane-d4
 Concen: 50.933 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

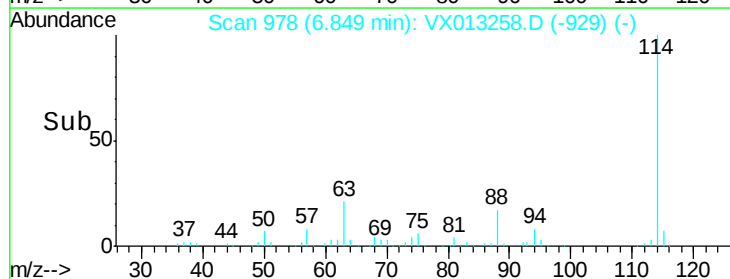
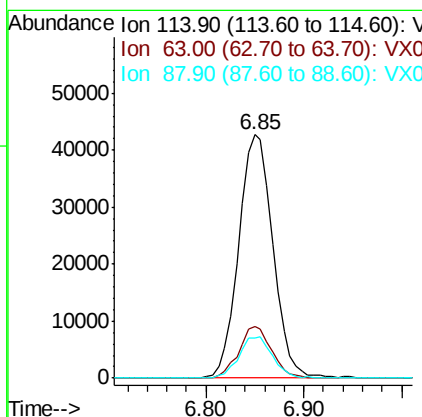
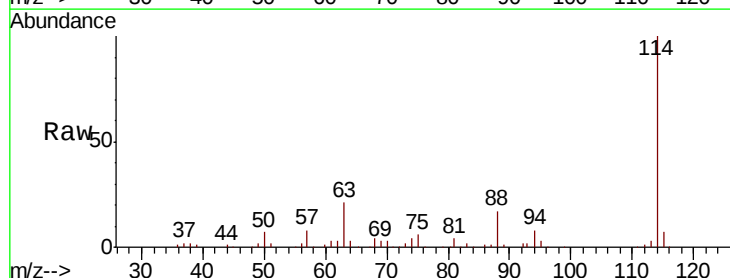
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

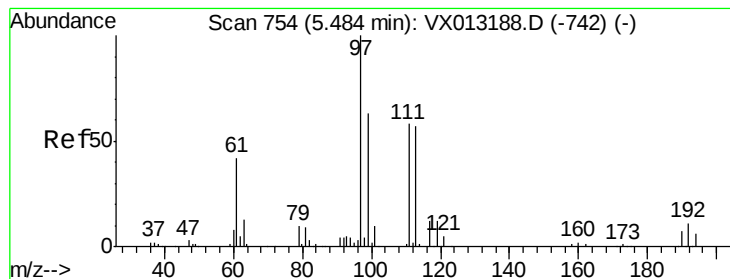
Tot Ion: 65 Resp: 77208
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion:114 Resp: 103885
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.407 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

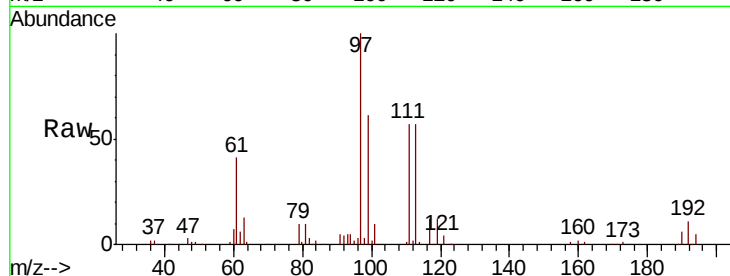
Tot Ion:113 Resp: 60712

Ion Ratio Lower Upper

113 100

111 103.4 80.3 120.5

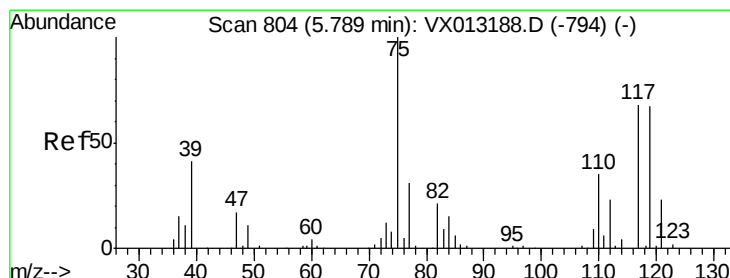
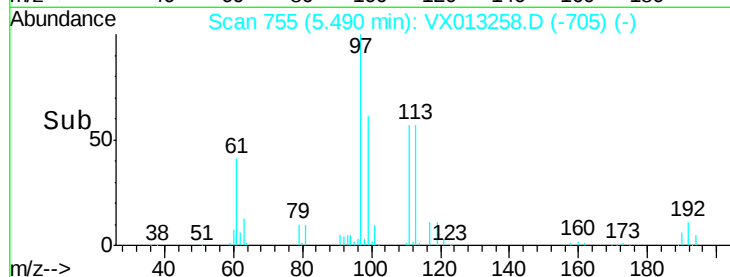
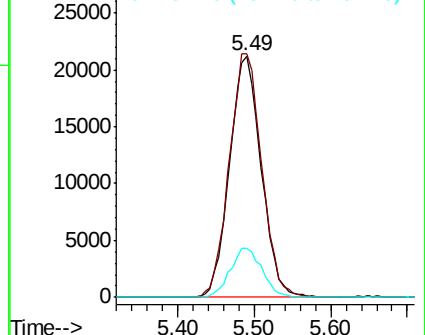
192 20.4 15.9 23.9



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: 51.362 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

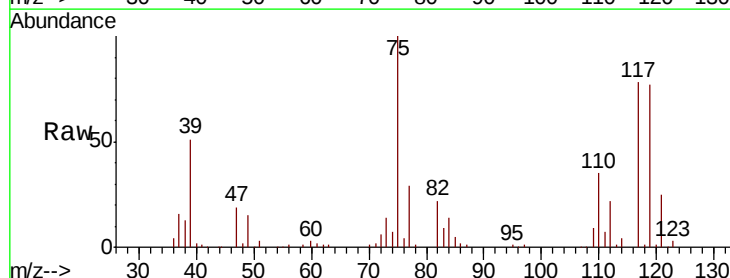
Tgt Ion: 75 Resp: 89313

Ion Ratio Lower Upper

75 100

110 36.4 17.6 52.9

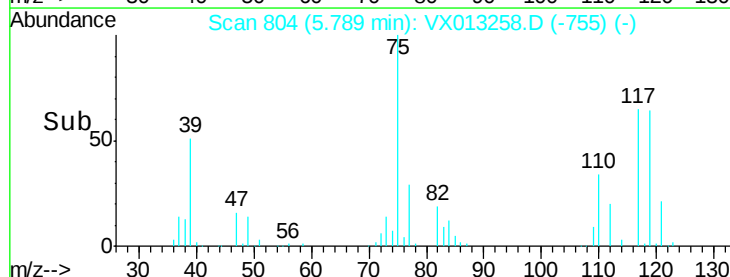
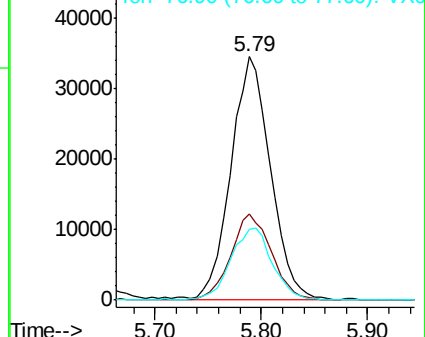
77 31.3 24.7 37.1

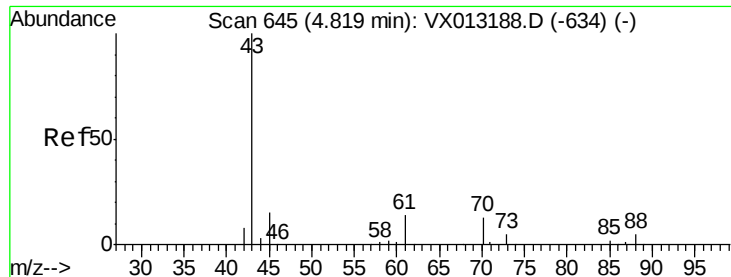


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

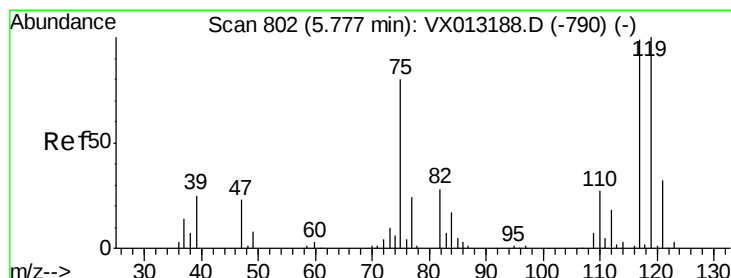
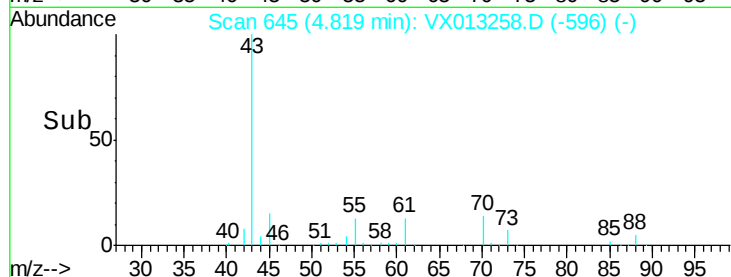
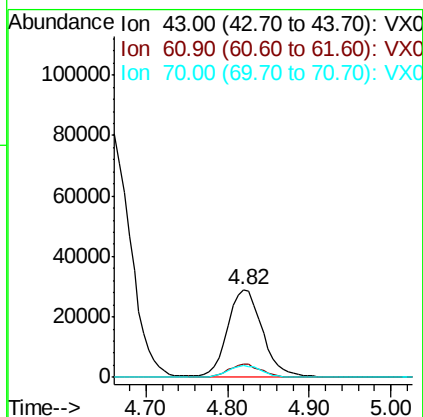
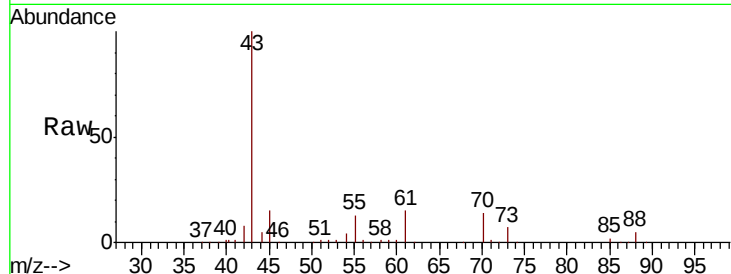




#37
Ethyl Acetate
Concen: 49.165 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

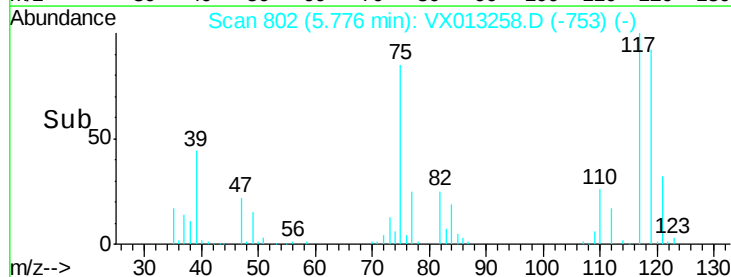
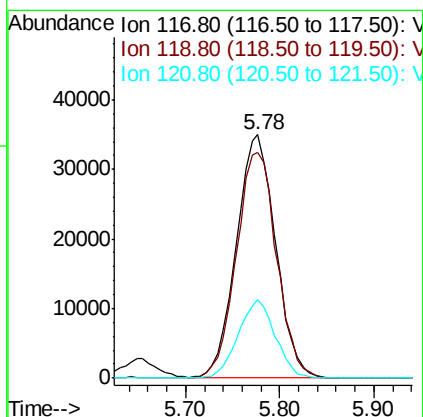
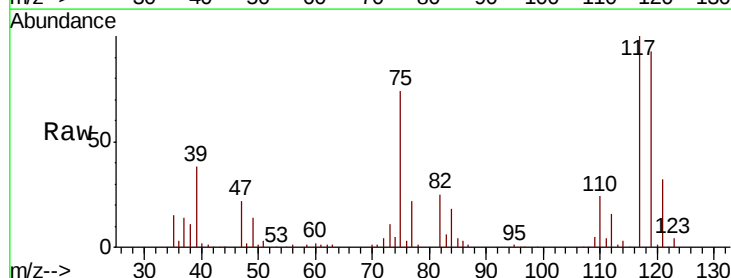
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

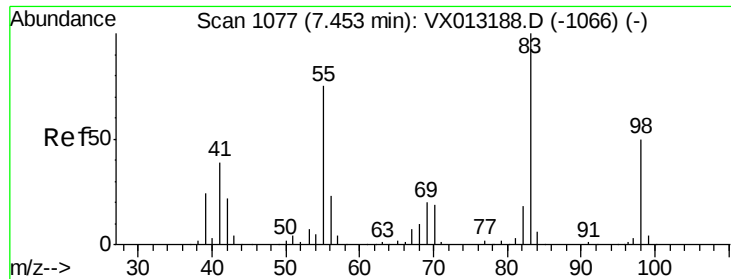
Tot Ion: 43 Resp: 85113
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 13.2 10.4 15.6



#38
Carbon Tetrachloride
Concen: 53.081 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 117 Resp: 101925
Ion Ratio Lower Upper
117 100
119 92.7 80.1 120.1
121 32.4 25.5 38.3

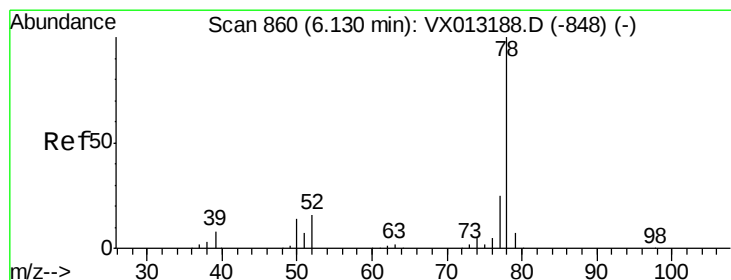
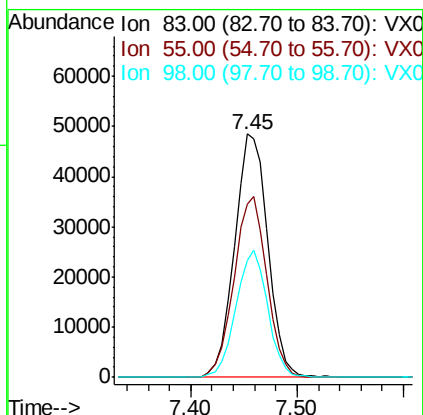
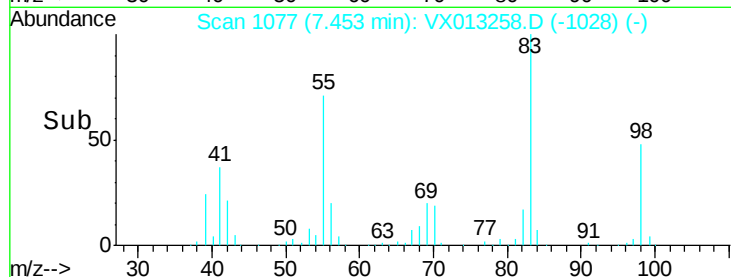
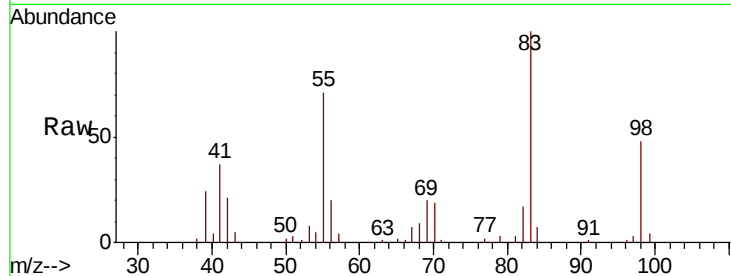




#39
Methvlcvclohexane
Concen: 47.750 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

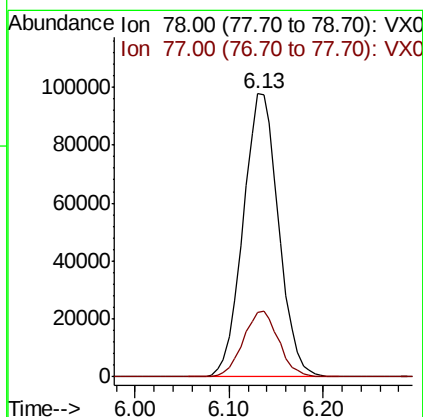
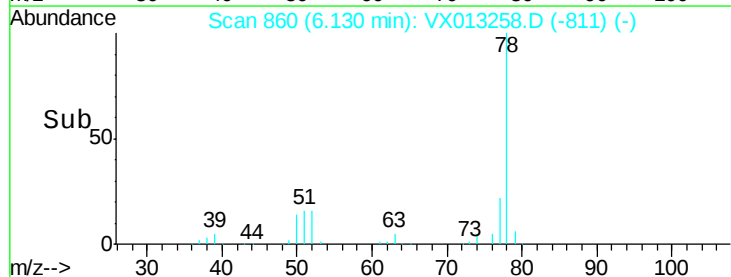
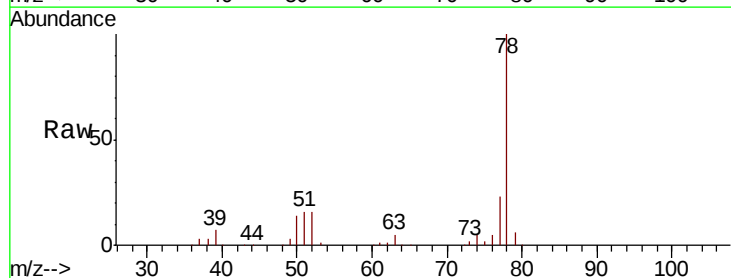
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

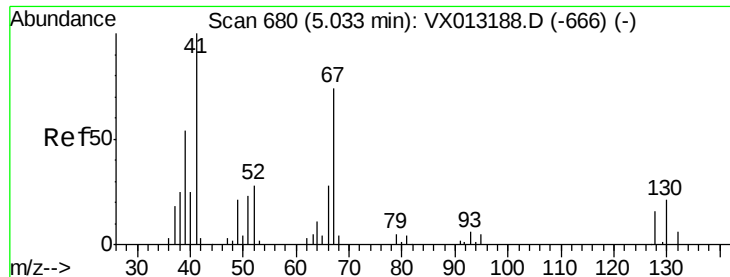
Tot Ion: 83 Resp: 106195
Ion Ratio Lower Upper
83 100
55 71.1 60.1 90.1
98 48.2 39.8 59.8



#40
Benzene
Concen: 49.421 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 78 Resp: 257879
Ion Ratio Lower Upper
78 100
77 22.8 19.6 29.4





#41

Methacrylonitrile

Concen: 50.697 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 47054

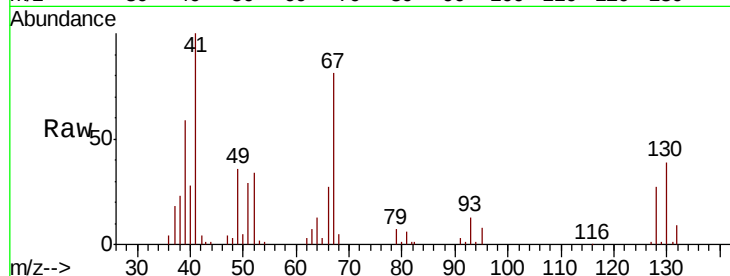
Ion Ratio Lower Upper

41 100

39 58.0 45.2 67.8

67 77.9 61.3 91.9

52 33.5 25.1 37.7

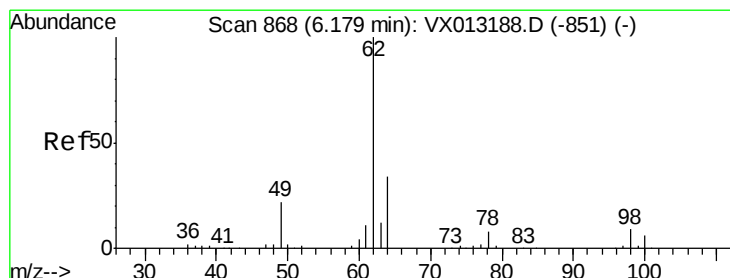
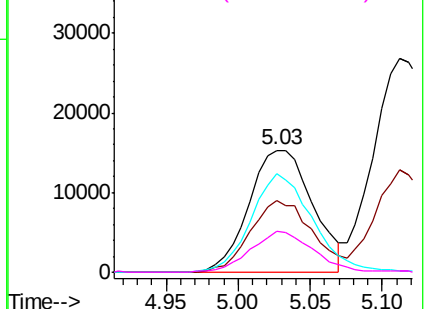
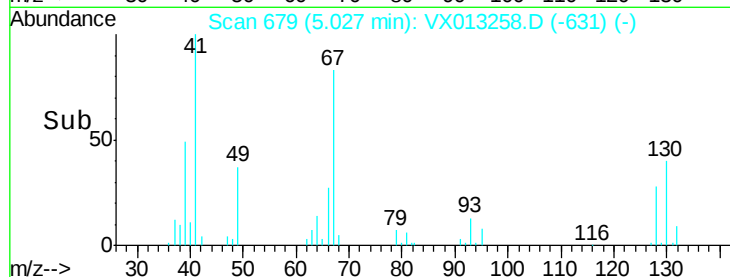


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.108 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013258.D

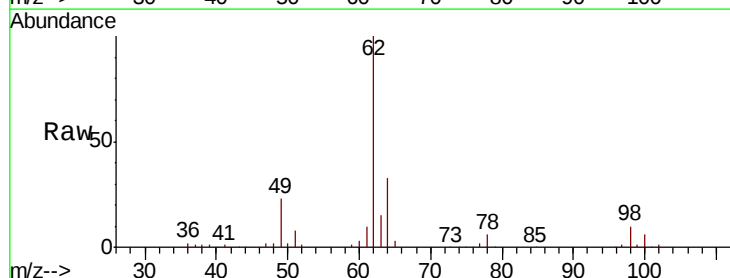
Acq: 28 Oct 2019 19:14

Tgt Ion: 62 Resp: 106450

Ion Ratio Lower Upper

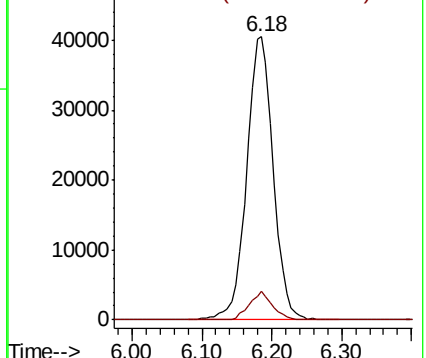
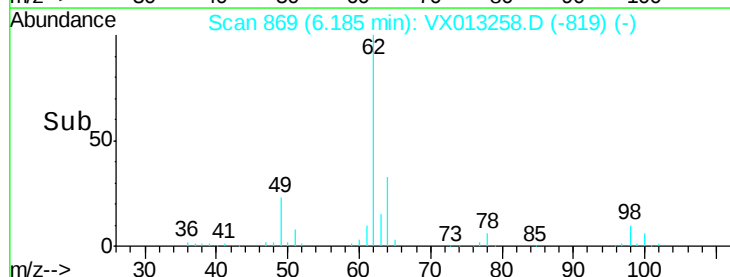
62 100

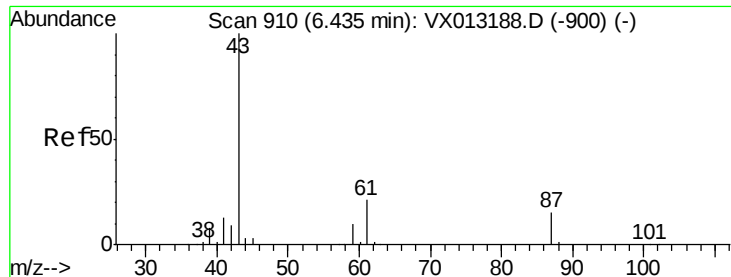
98 8.7 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.890 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

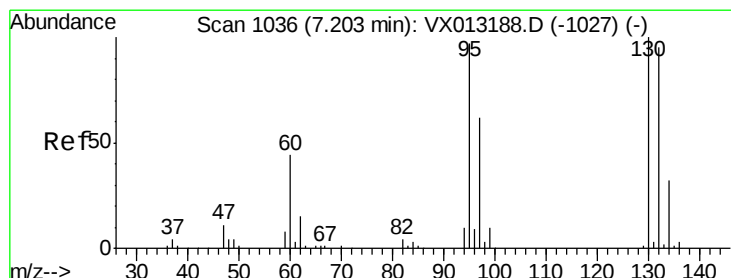
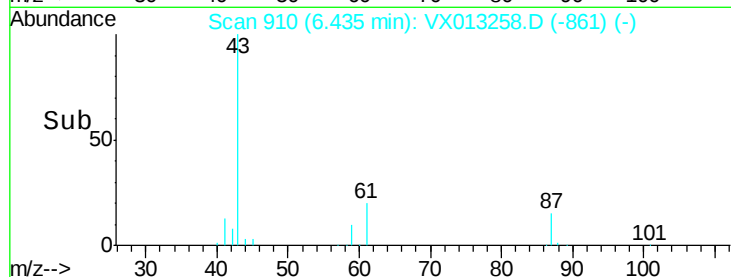
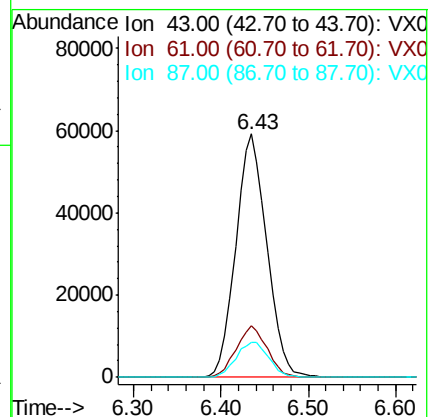
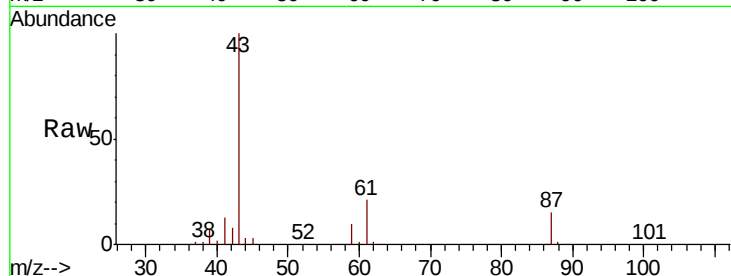
Tot Ion: 43 Resp: 146274

Ion Ratio Lower Upper

43 100

61 21.0 17.0 25.4

87 15.2 12.1 18.1



#44

Trichloroethene

Concen: 50.415 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013258.D

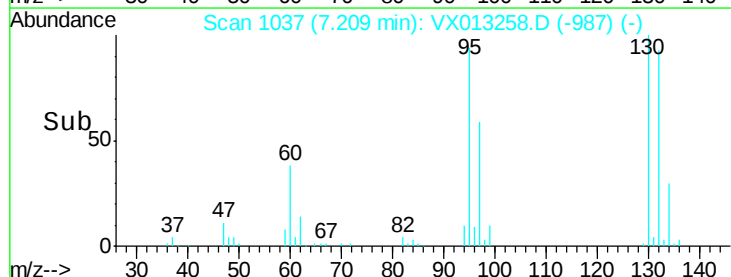
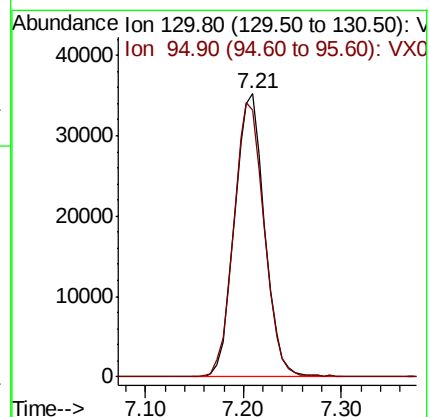
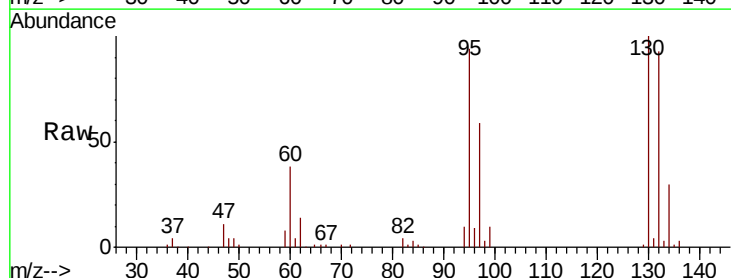
Acq: 28 Oct 2019 19:14

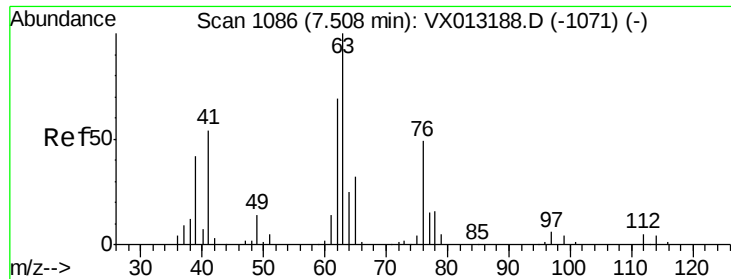
Tgt Ion: 130 Resp: 74662

Ion Ratio Lower Upper

130 100

95 94.3 0.0 193.6

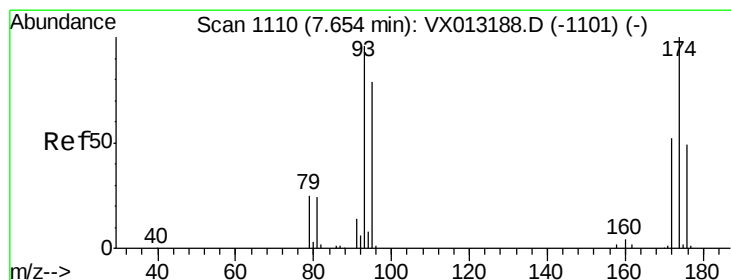
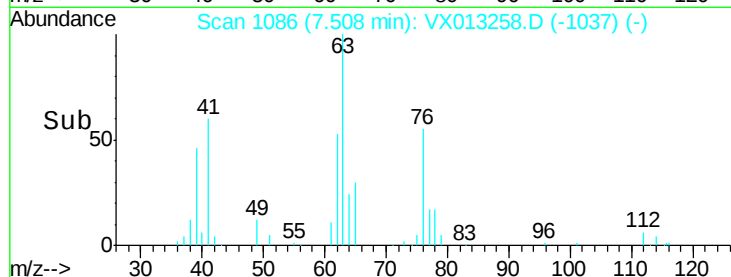
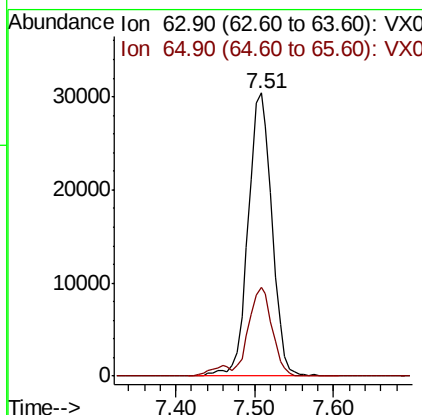
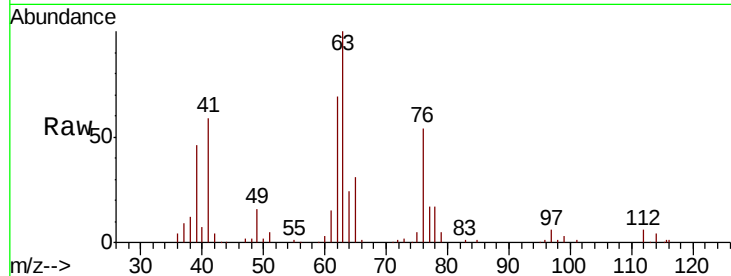




#45
 1,2-Dichloropropane
 Concen: 48.747 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

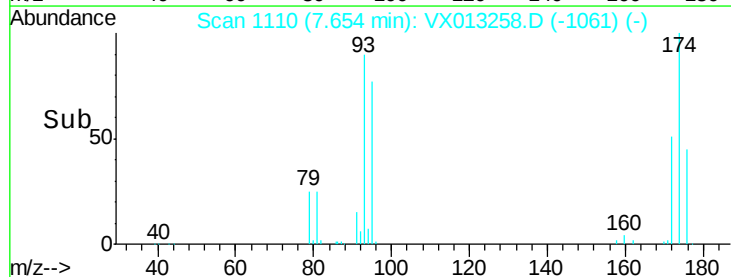
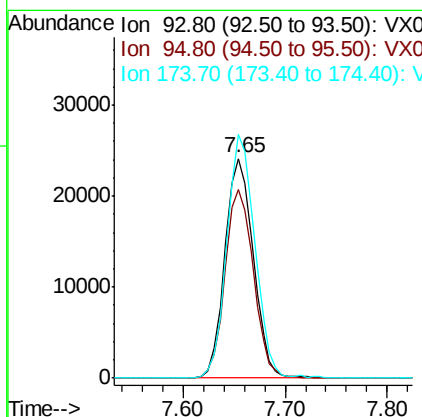
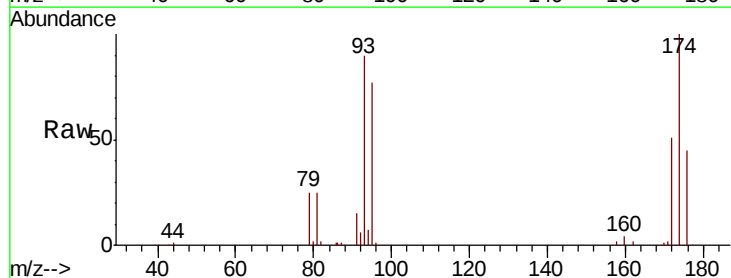
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

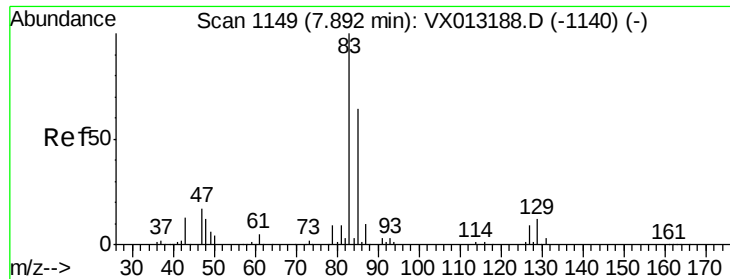
Tot Ion: 63 Resp: 63709
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.3 37.9



#46
 Dibromomethane
 Concen: 49.494 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 93 Resp: 46603
 Ion Ratio Lower Upper
 93 100
 95 86.0 66.2 99.4
 174 109.3 85.2 127.8





#47

Bromodichloromethane

Concen: 53.897 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

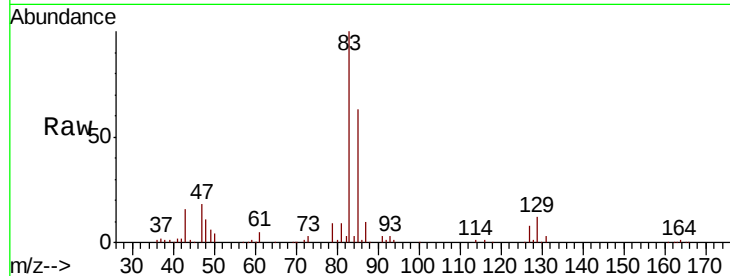
Tot Ion: 83 Resp: 98900

Ion Ratio Lower Upper

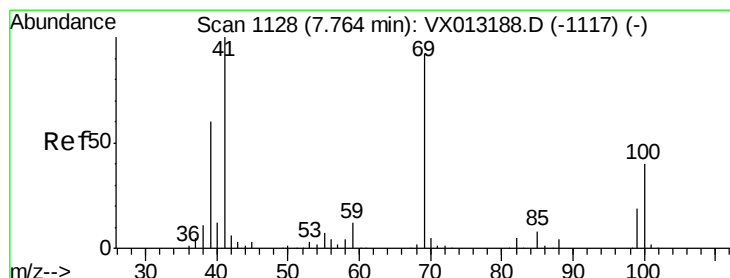
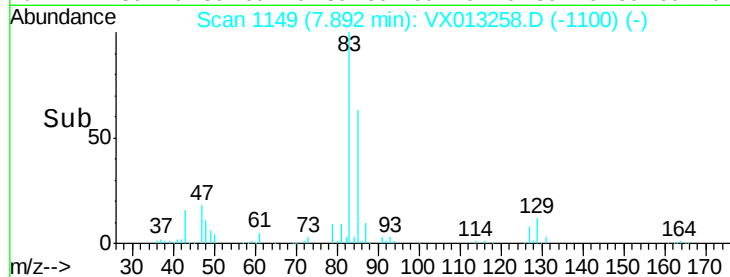
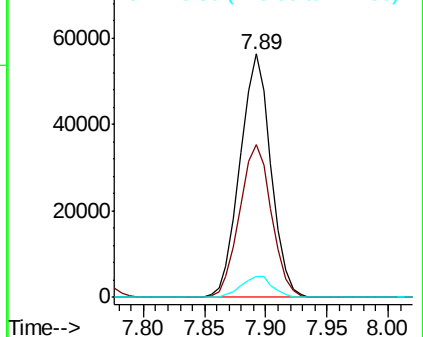
83 100

85 62.9 51.0 76.6

127 8.4 7.2 10.8



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: 50.797 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

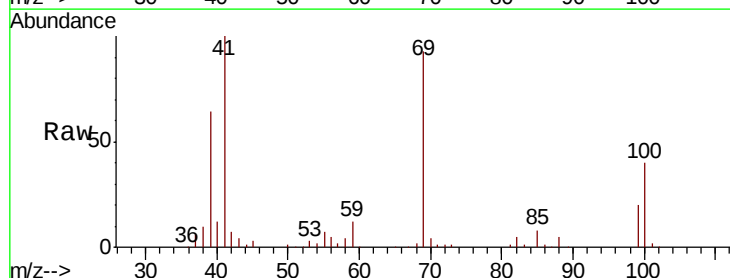
Tgt Ion: 41 Resp: 72163

Ion Ratio Lower Upper

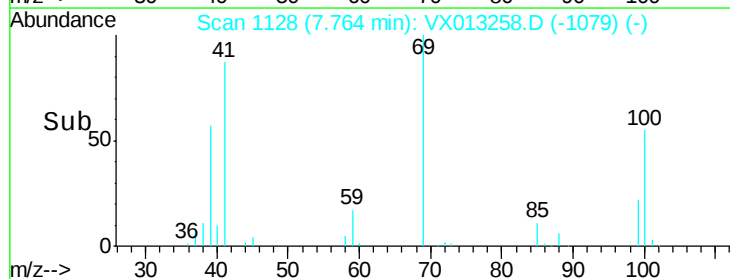
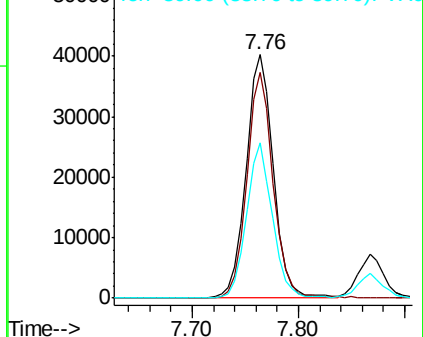
41 100

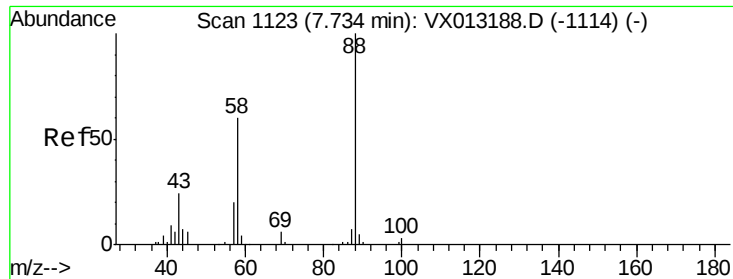
69 89.7 72.0 108.0

39 60.7 47.4 71.0



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

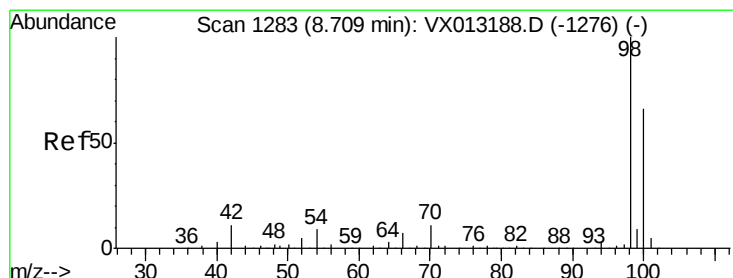
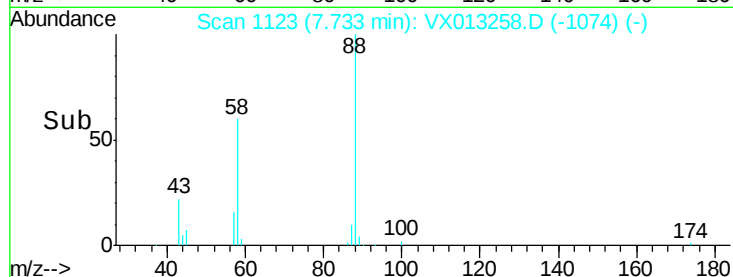
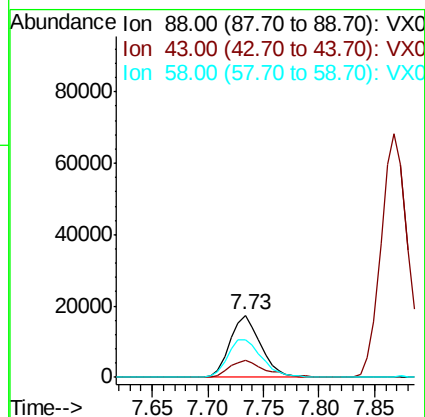
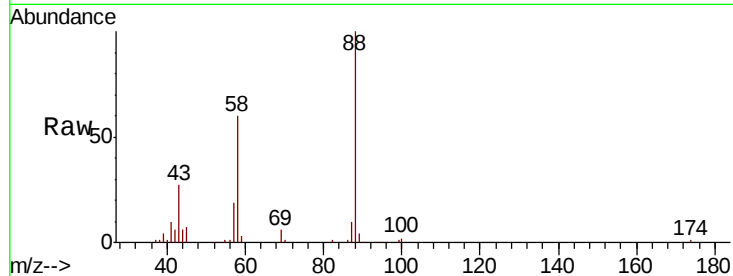




#49
1,4-Dioxane
Concen: 912.617 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

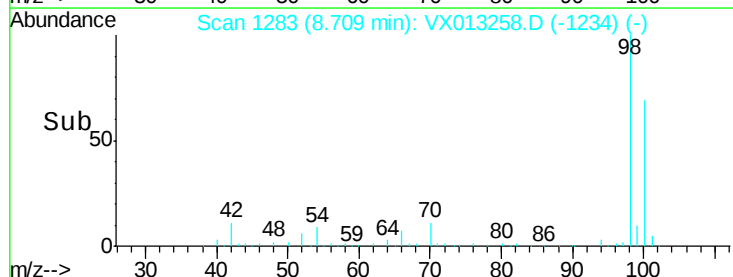
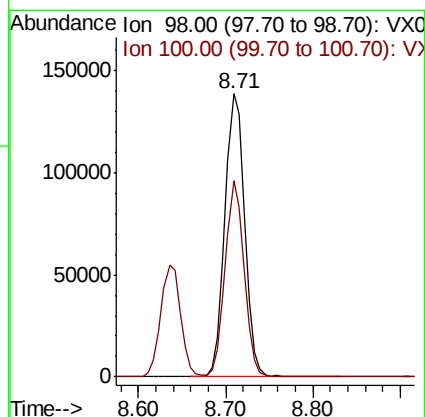
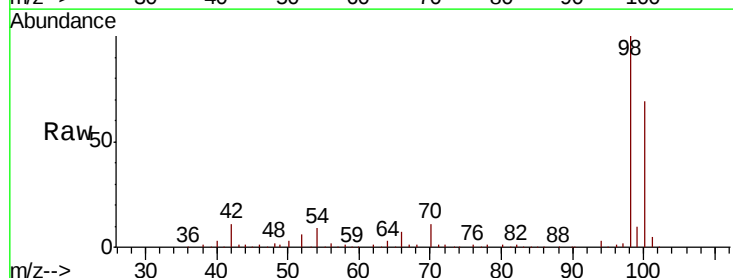
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

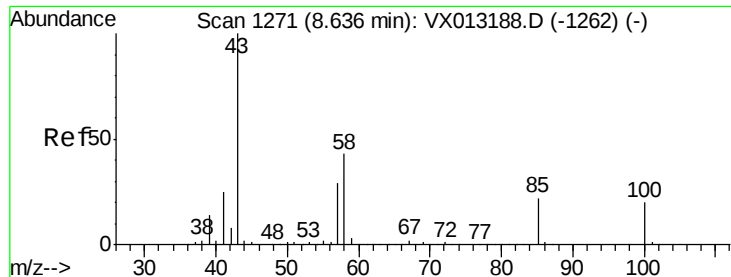
Tot Ion	88	Resp	32997
Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.5	36.7
58	68.0	54.1	81.1



#50
Toluene-d8
Concen: 50.644 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion	98	Resp	217423
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 251.713 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

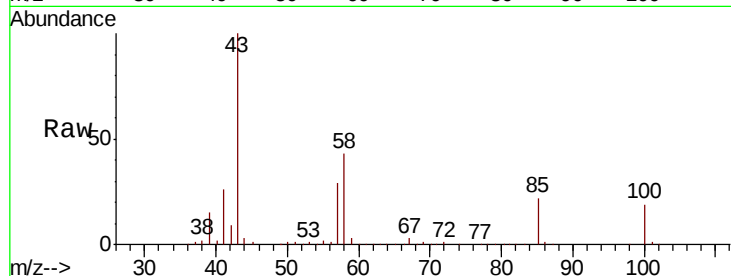
VSTDCCC050EC

Tot Ion: 43 Resp: 440991

Ion Ratio Lower Upper

43 100

58 42.0 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

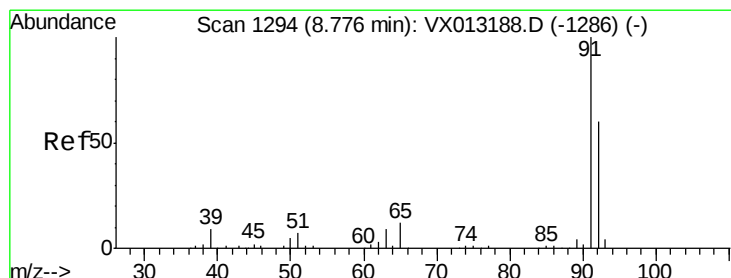
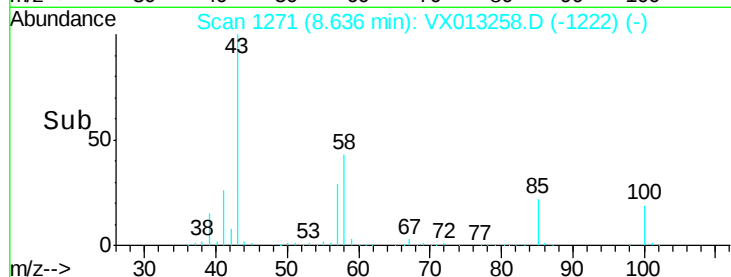
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.047 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013258.D

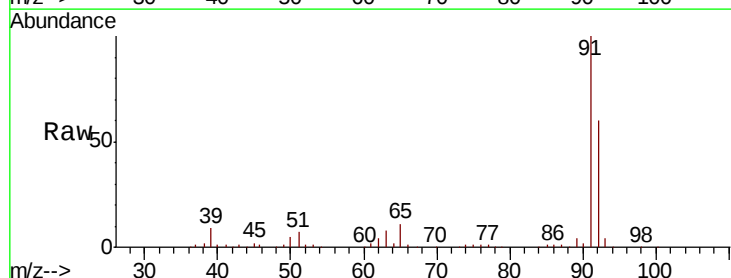
Acq: 28 Oct 2019 19:14

Tgt Ion: 92 Resp: 169609

Ion Ratio Lower Upper

92 100

91 168.5 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

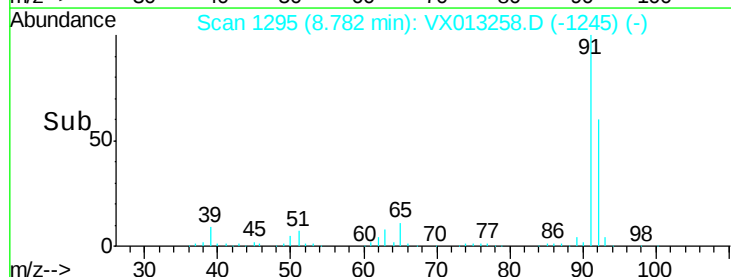
150000

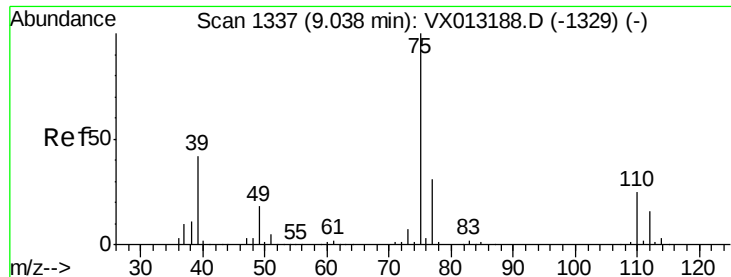
100000

50000

0

Time-->

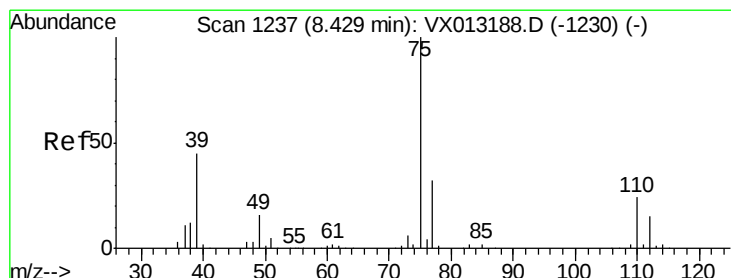
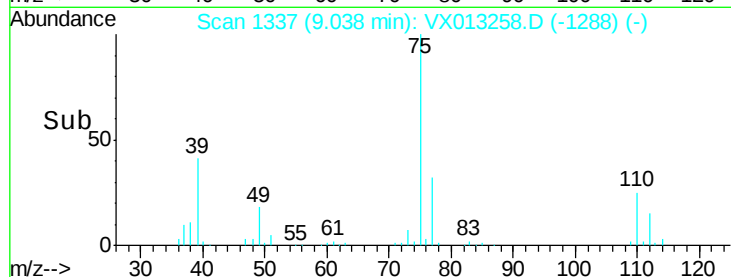
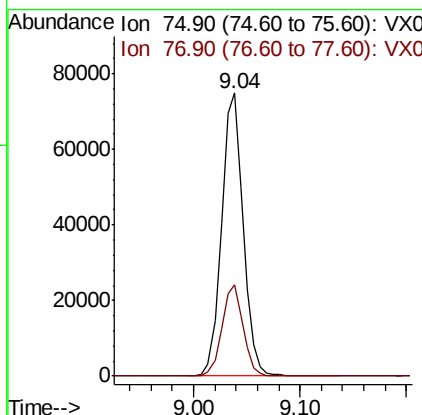
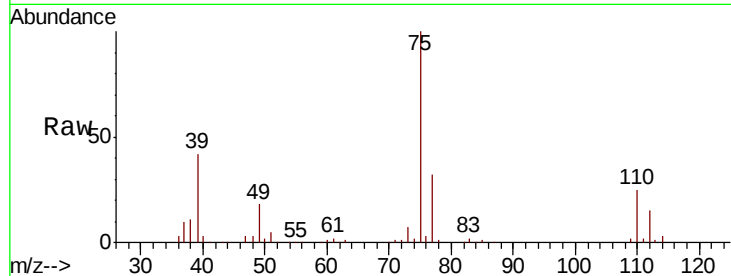




#53
 t-1,3-Dichloropropene
 Concen: 54.379 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

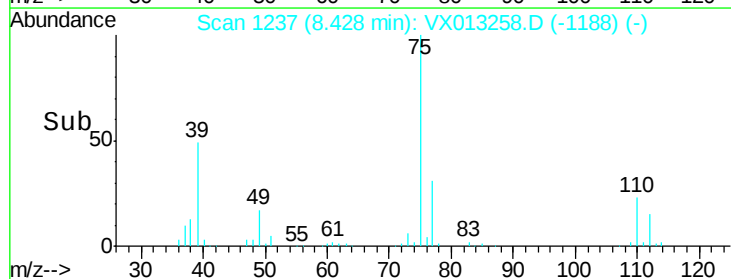
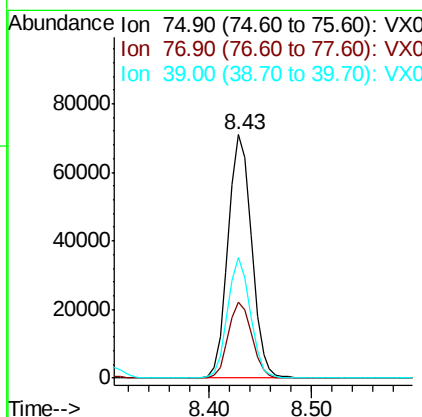
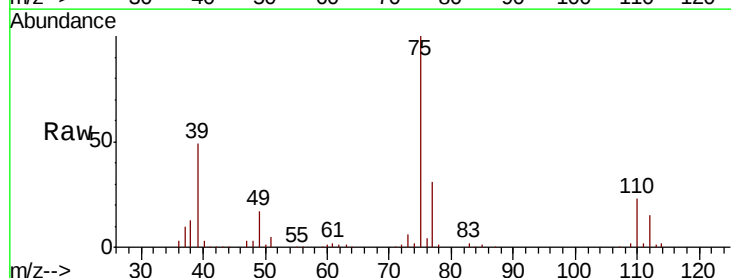
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

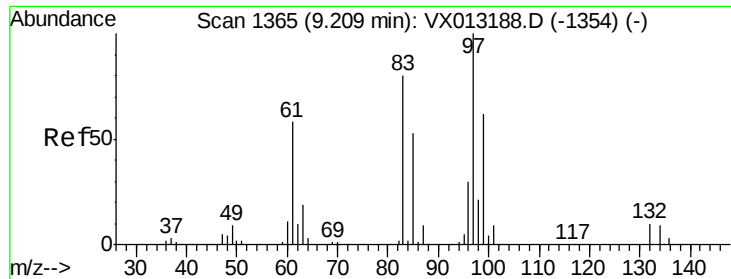
Tot Ion: 75 Resp: 106039
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.037 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 75 Resp: 113138
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 49.3 36.2 54.4

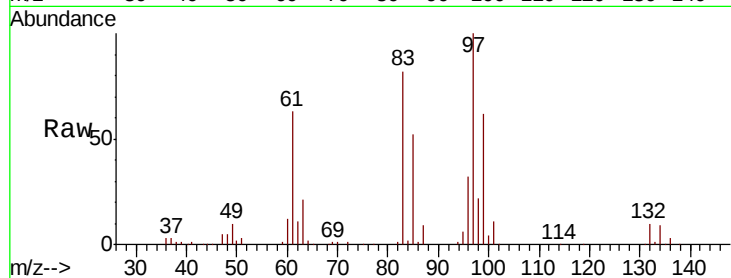




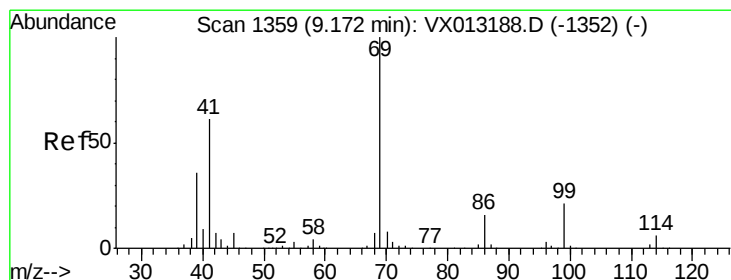
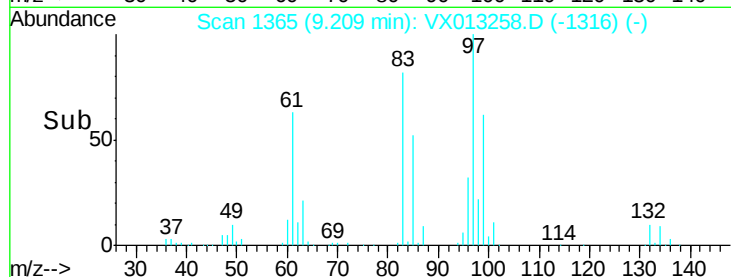
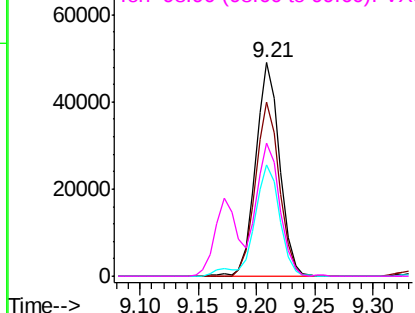
#55
 1,1,2-Trichloroethane
 Concen: 51.280 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	70110
Ion	Ratio	Lower	Upper
97	100		
83	81.8	64.1	96.1
85	52.1	42.1	63.1
99	62.2	49.4	74.2

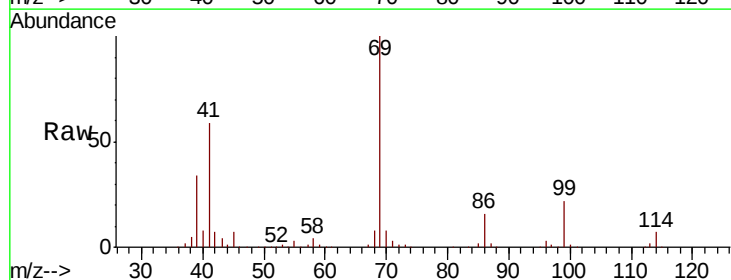


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

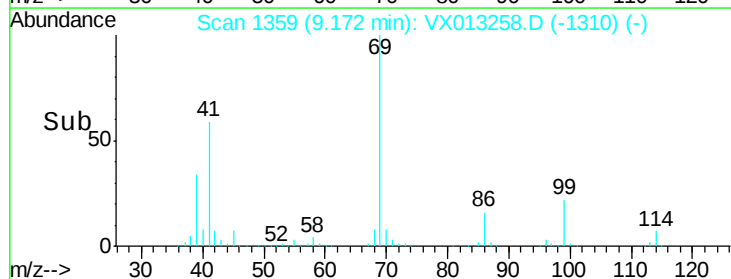
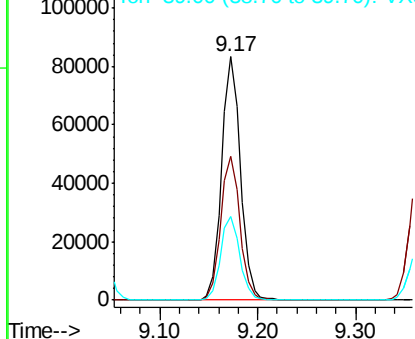


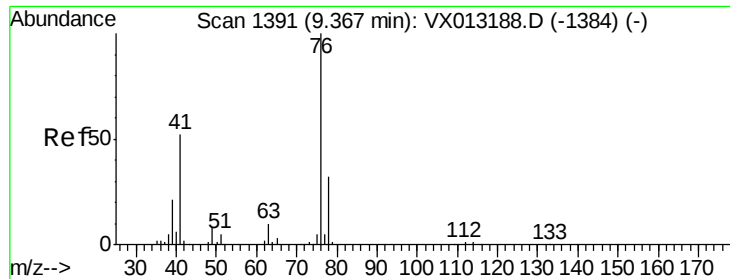
#56
 Ethyl methacrylate
 Concen: 54.244 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion:	69	Resp:	111618
Ion	Ratio	Lower	Upper
69	100		
41	60.3	49.5	74.3
39	35.6	28.3	42.5



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

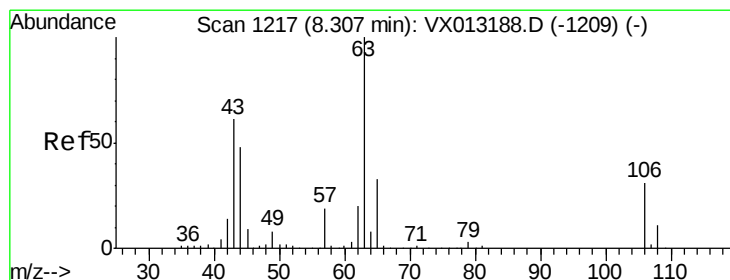
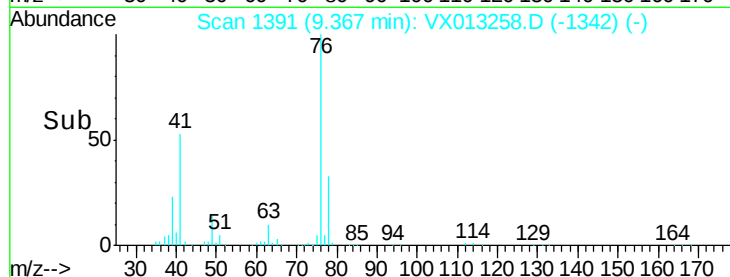
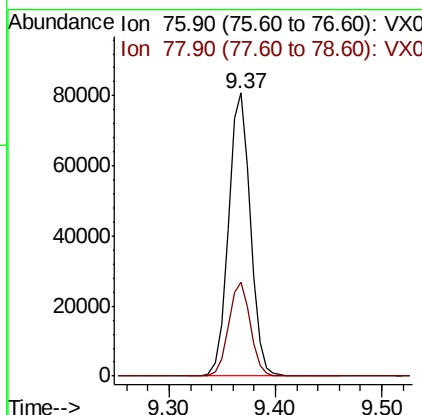
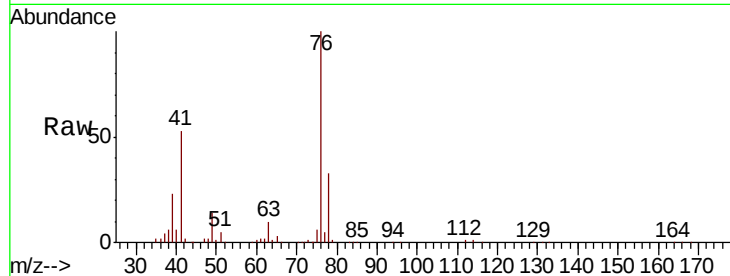




#57
 1,3-Dichloropropane
 Concen: 50.345 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

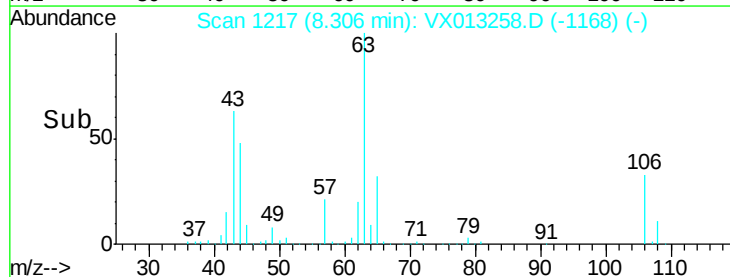
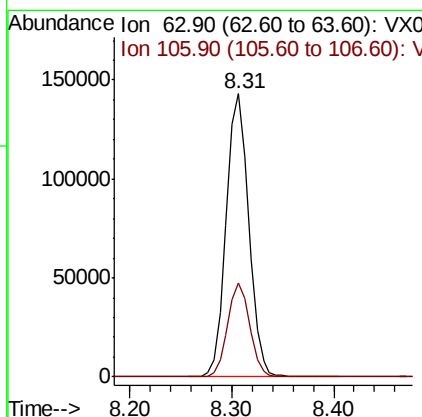
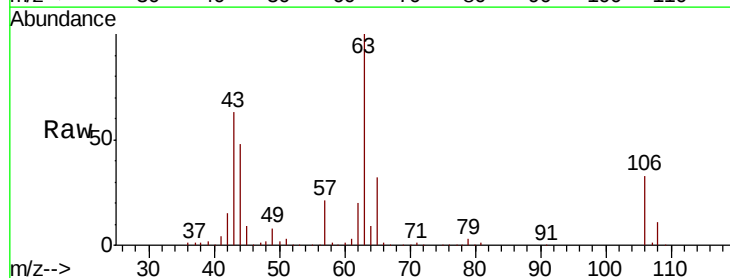
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

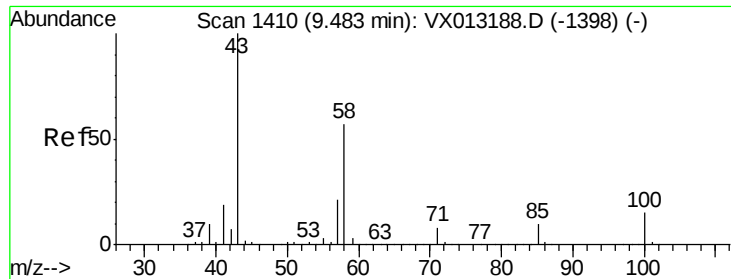
Tot Ion: 76 Resp: 116139
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.186 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 63 Resp: 219345
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.4 38.0

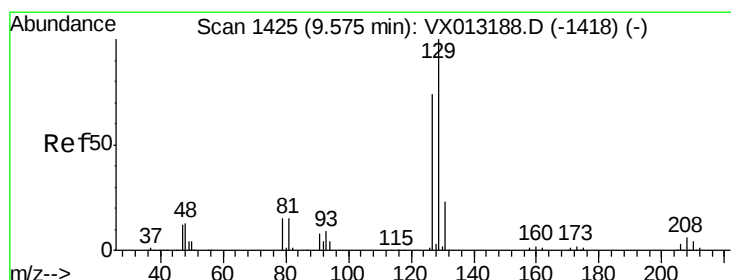
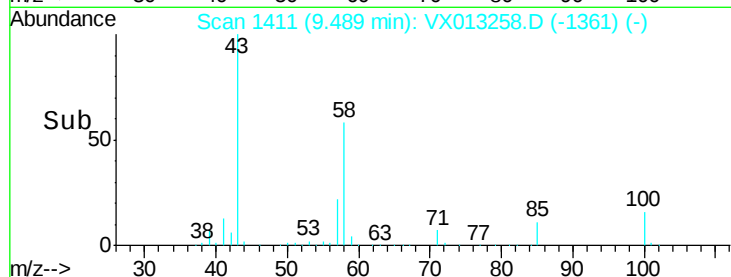
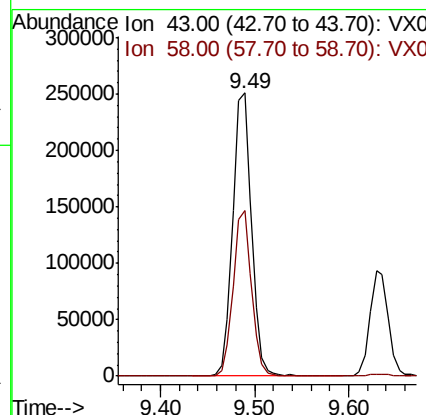
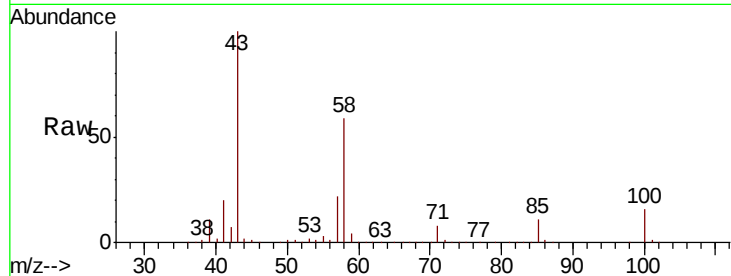




#59
2-Hexanone
Concen: 258.127 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

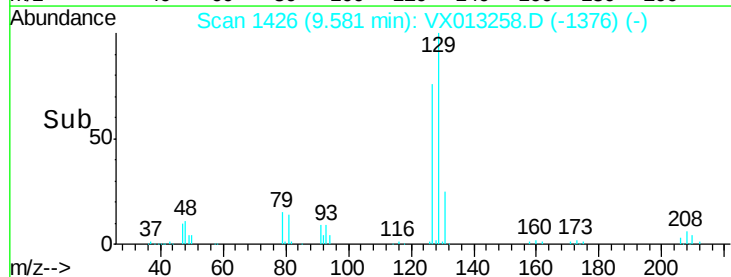
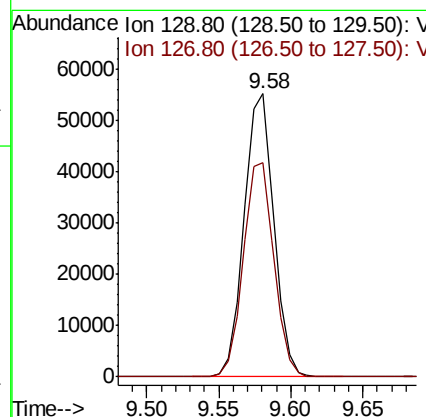
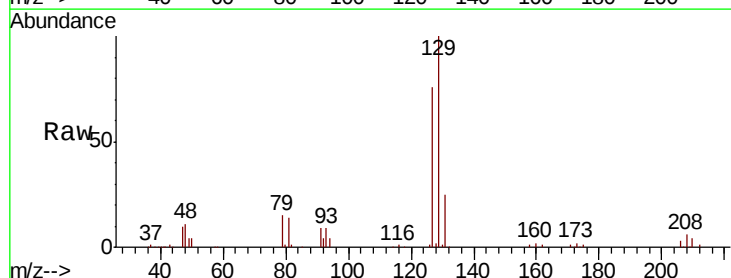
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

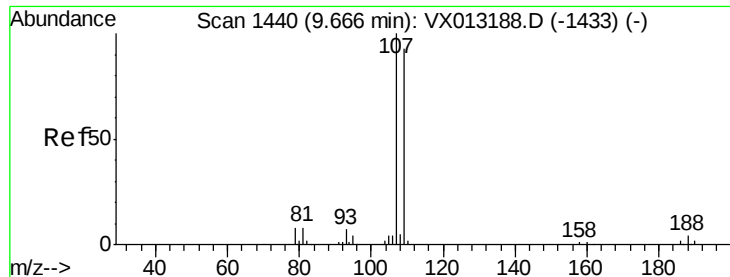
Tot Ion: 43 Resp: 348348
Ion Ratio Lower Upper
43 100
58 57.3 28.2 84.7



#60
Dibromochloromethane
Concen: 55.116 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 129 Resp: 78959
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.690 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

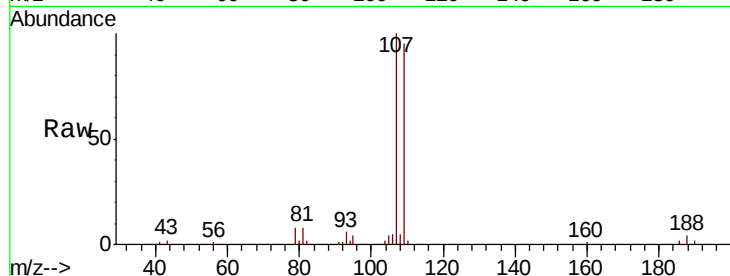
VSTDCCC050EC

Tot Ion:107 Resp: 76476

Ion Ratio Lower Upper

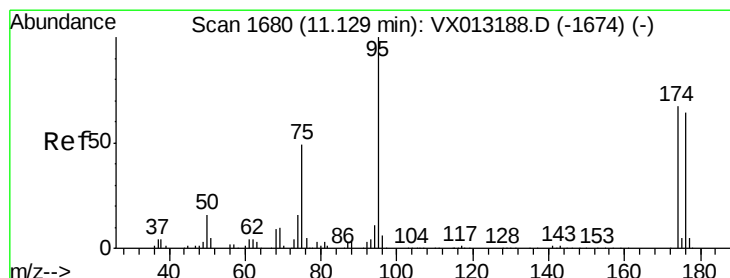
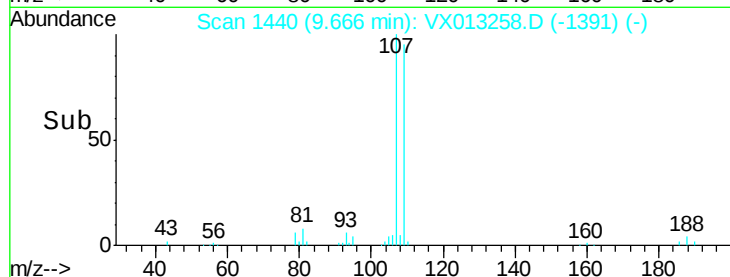
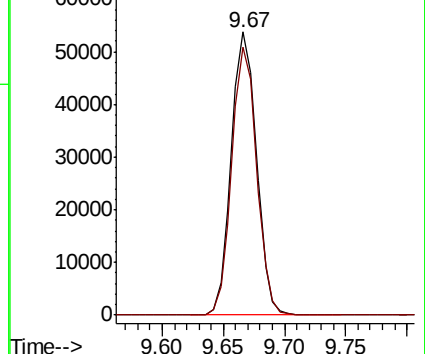
107 100

109 93.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.901 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

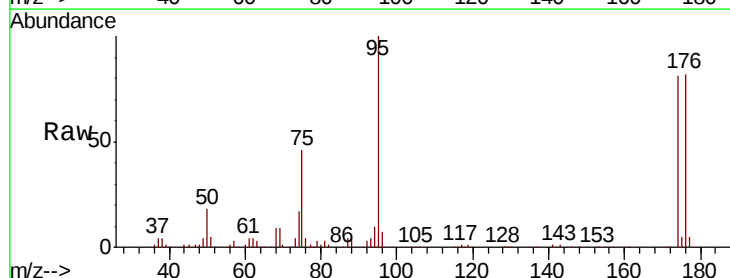
Tgt Ion: 95 Resp: 88193

Ion Ratio Lower Upper

95 100

174 78.5 0.0 152.4

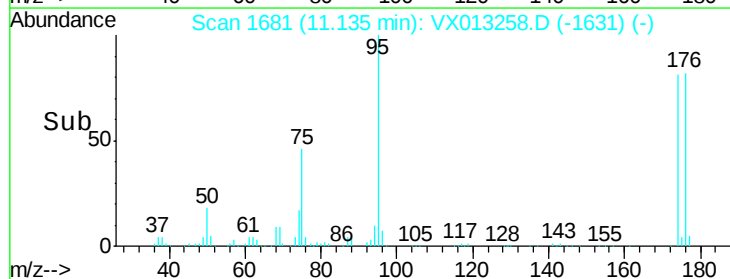
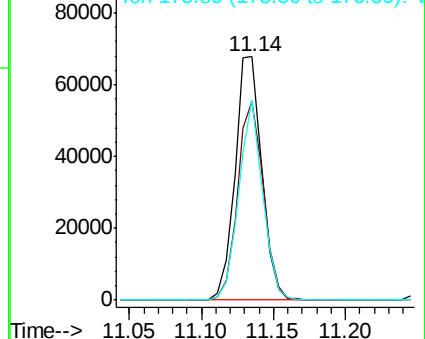
176 73.4 0.0 146.0

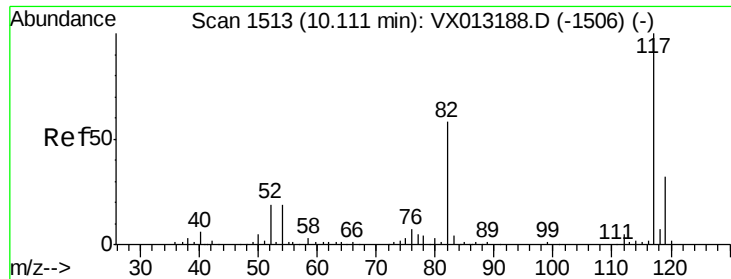


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

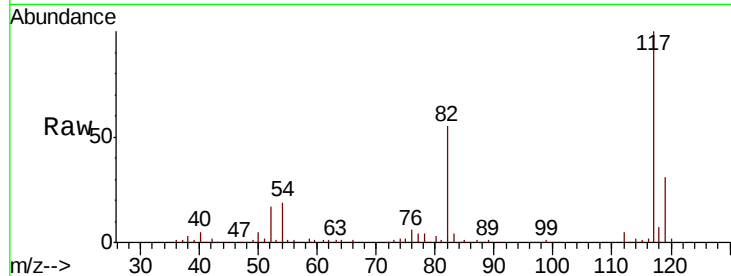
Tot Ion:117 Resp: 106568

Ion Ratio Lower Upper

117 100

82 55.3 46.5 69.7

119 31.2 25.2 37.8

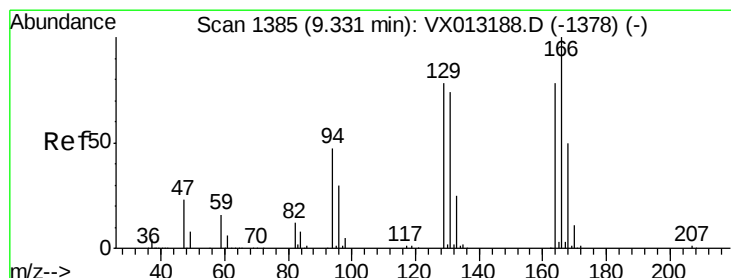
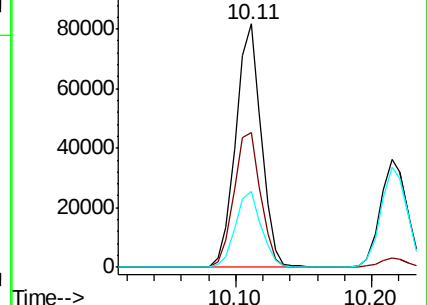
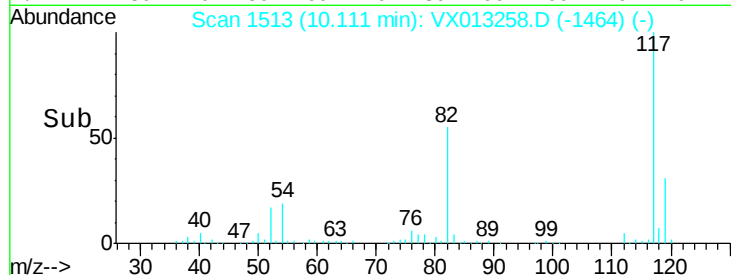


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



#64

Tetrachloroethene

Concen: 58.167 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion:164 Resp: 76070

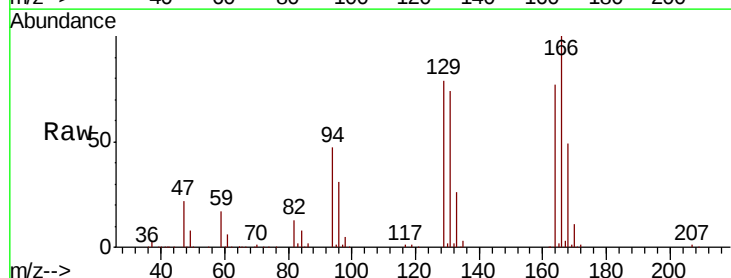
Ion Ratio Lower Upper

164 100

166 130.4 102.2 153.4

129 103.3 79.8 119.8

131 97.1 75.3 112.9



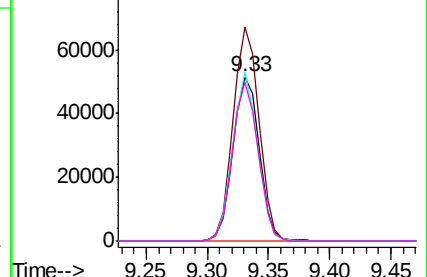
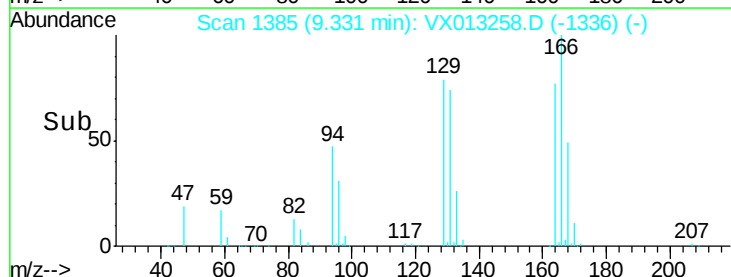
Abundance Ion 163.80 (163.50 to 164.50): V

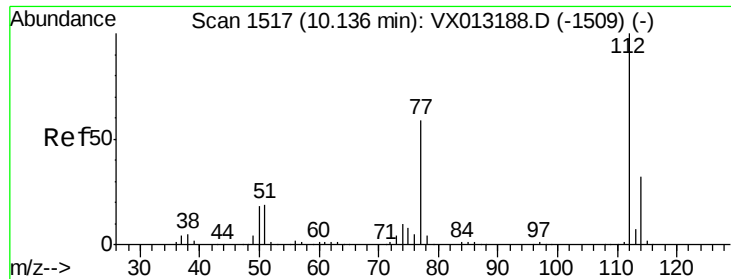
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->

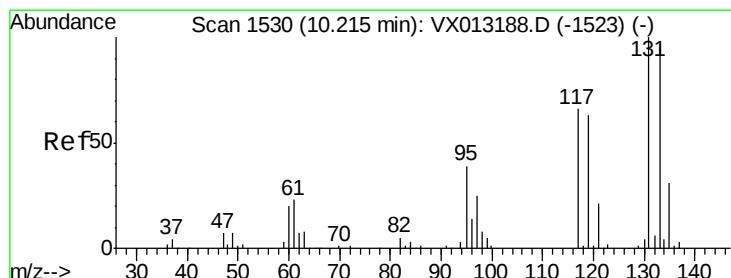
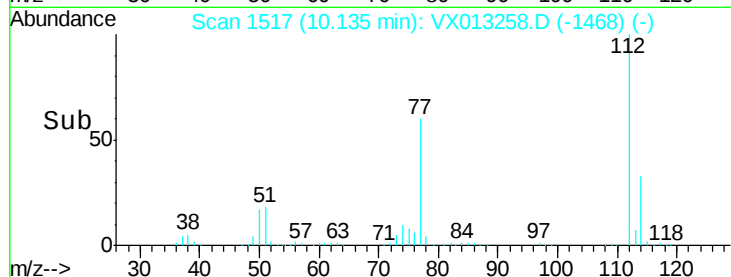
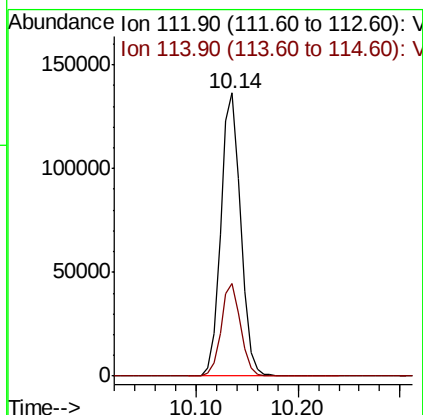
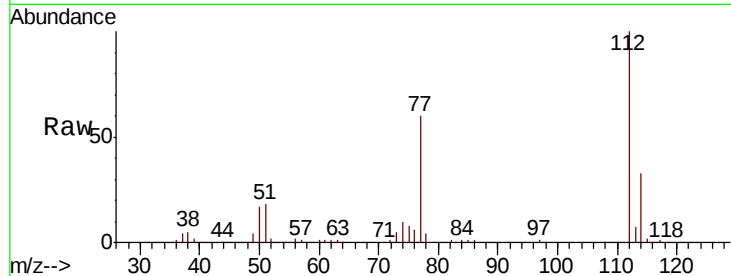




#65
Chlorobenzene
Concen: 49.740 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

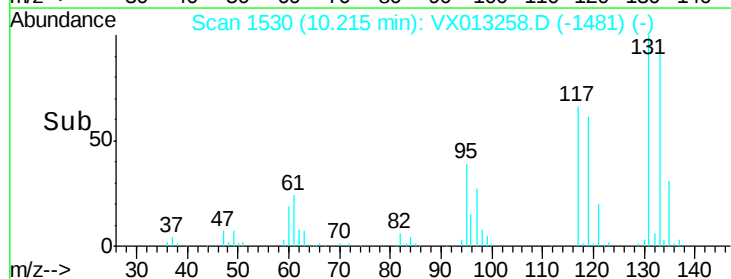
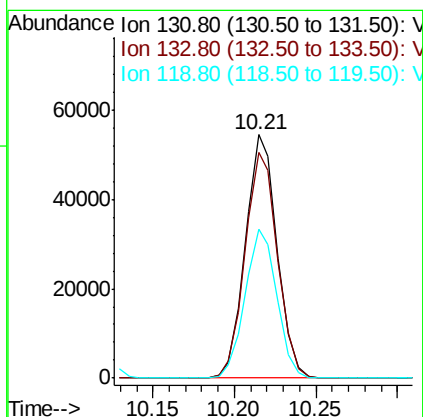
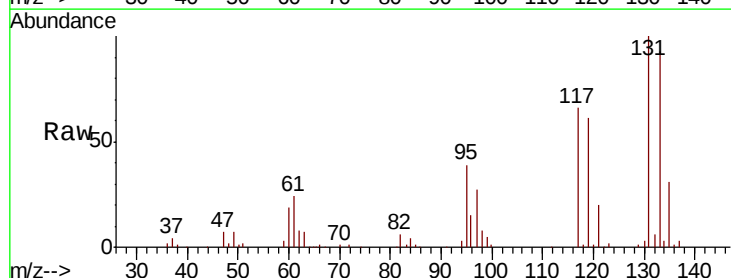
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

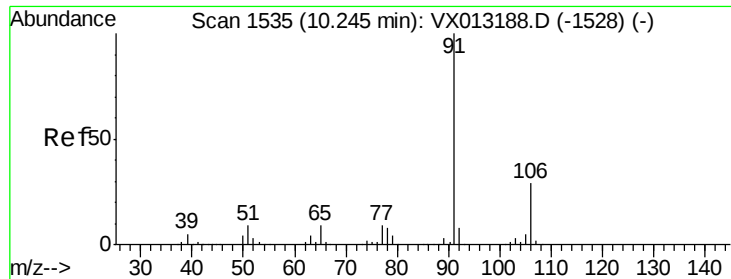
Tot Ion:112 Resp: 185554
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.409 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion:131 Resp: 73602
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.2
119 61.5 32.4 97.0

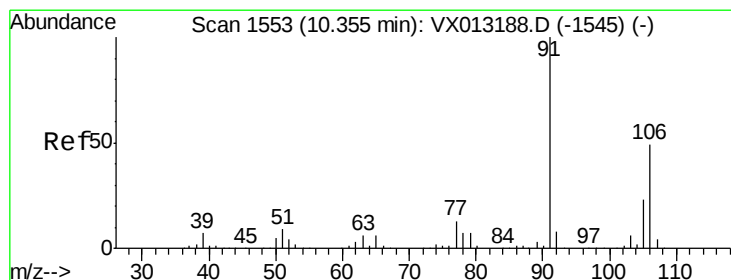
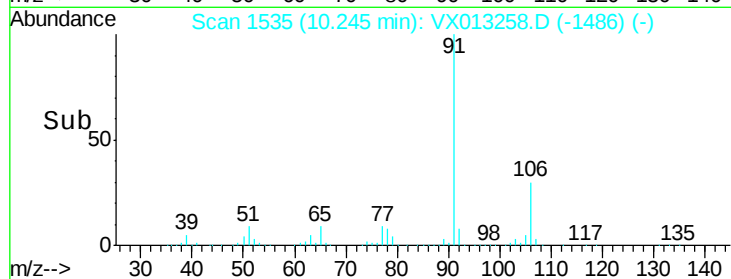
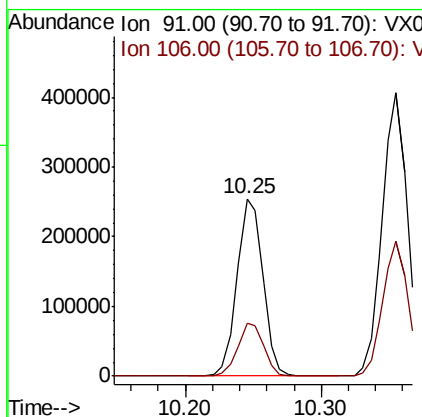
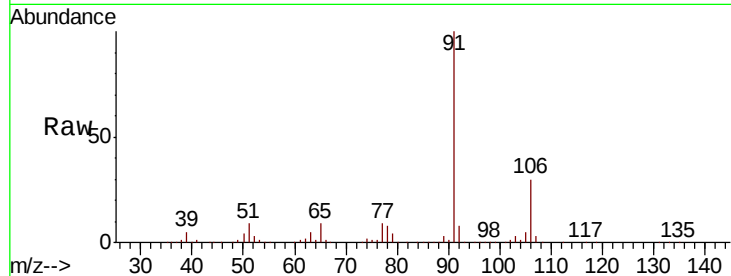




#67
Ethyl Benzene
Concen: 50.496 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

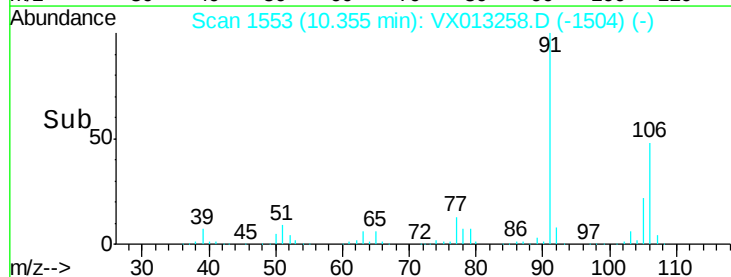
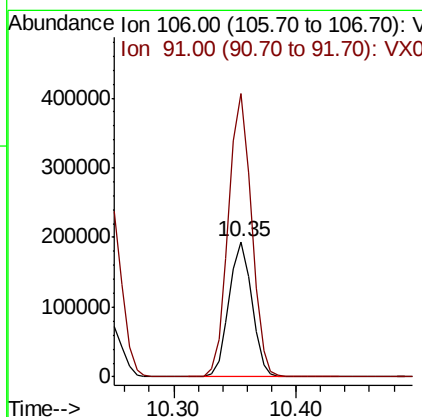
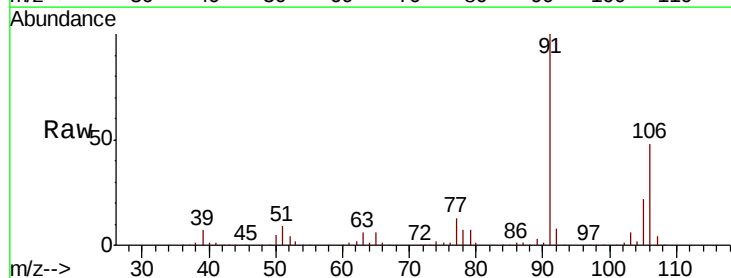
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

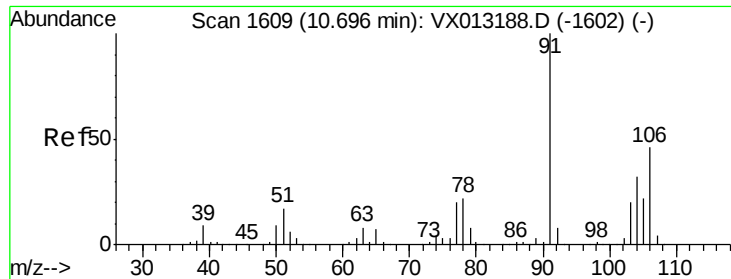
Tot Ion: 91 Resp: 337234
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#68
m/p-Xylenes
Concen: 99.934 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 106 Resp: 252222
Ion Ratio Lower Upper
106 100
91 210.9 166.8 250.2

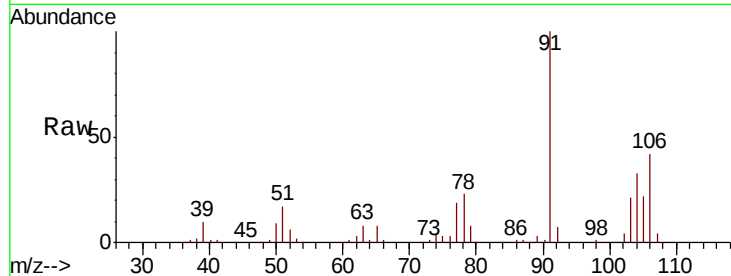




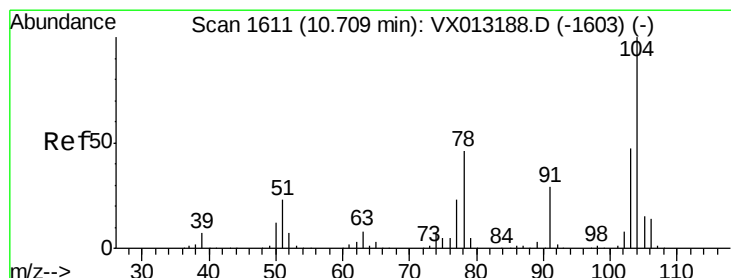
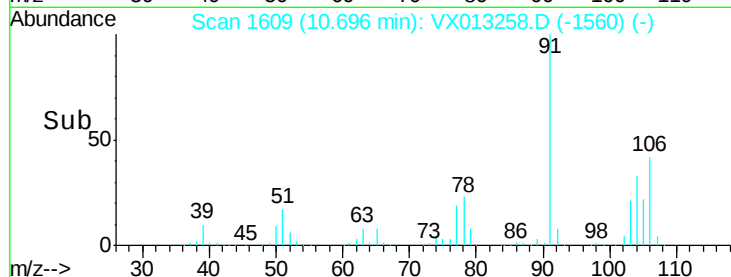
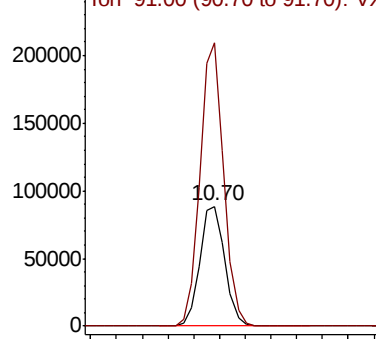
#69
o-Xylene
Concen: 49.525 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 119906
Ion Ratio Lower Upper
106 100
91 225.0 110.7 331.9

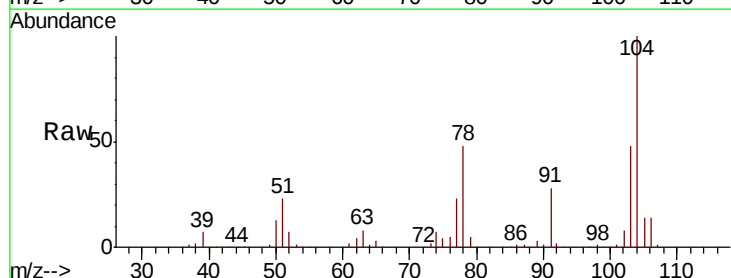


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

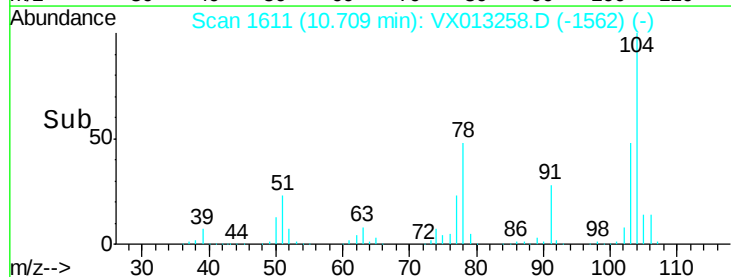
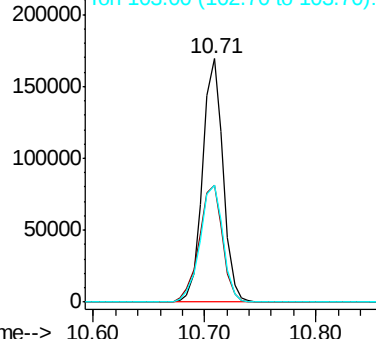


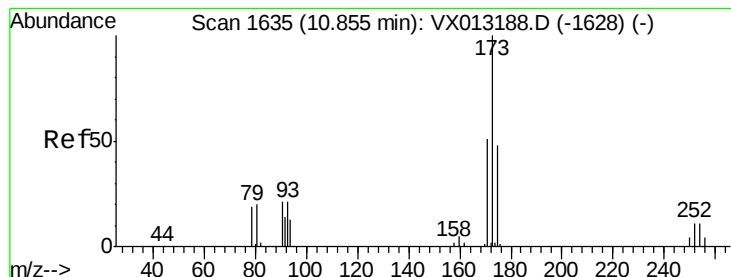
#70
Styrene
Concen: 51.745 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion:104 Resp: 215724
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 53.9 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.620 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

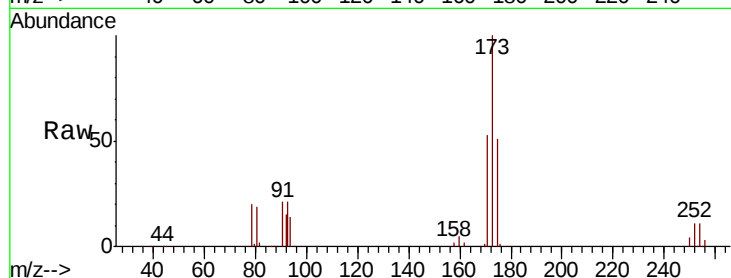
Tot Ion:173 Resp: 57013

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

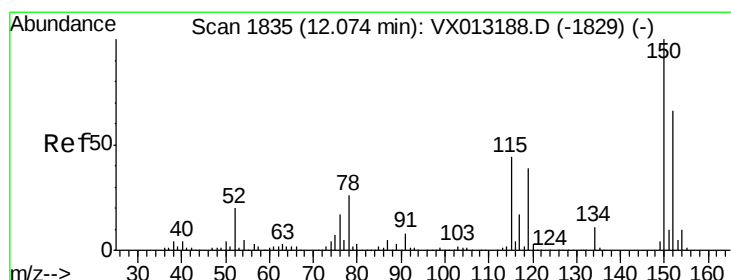
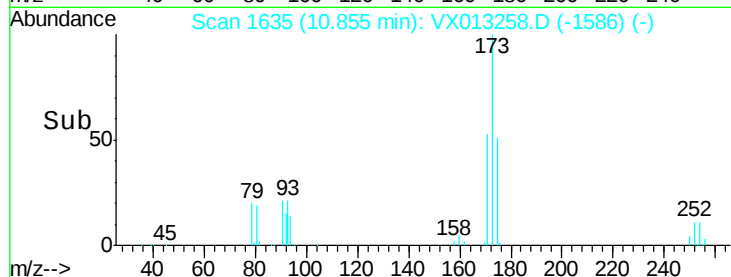
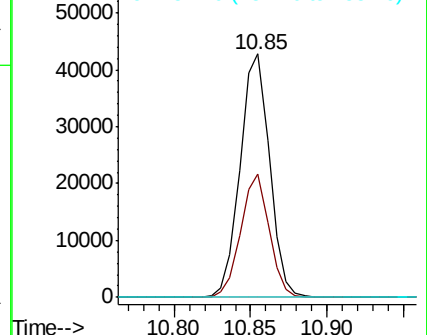
254 0.1 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

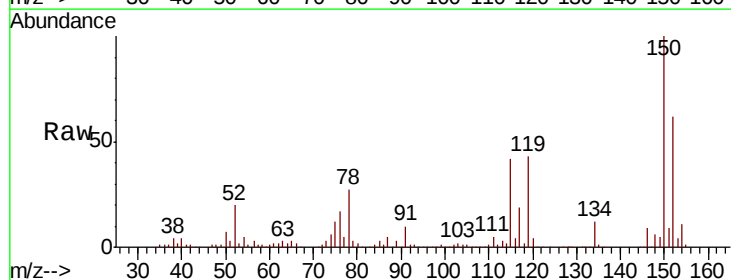
Tgt Ion:152 Resp: 76737

Ion Ratio Lower Upper

152 100

115 92.7 46.6 139.8

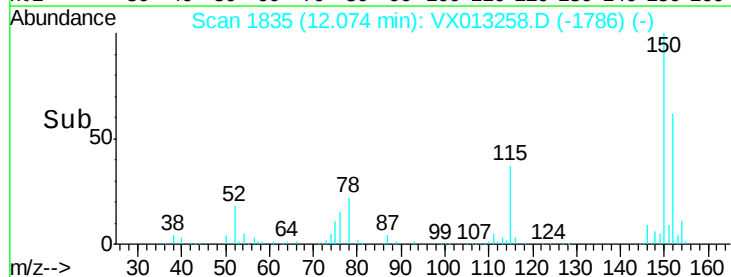
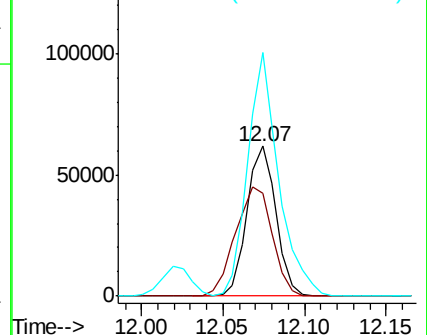
150 173.9 0.0 354.0

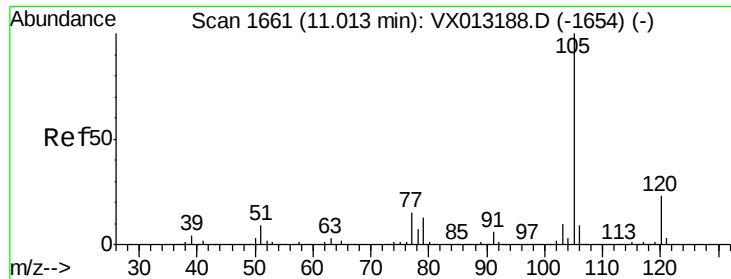


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.709 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

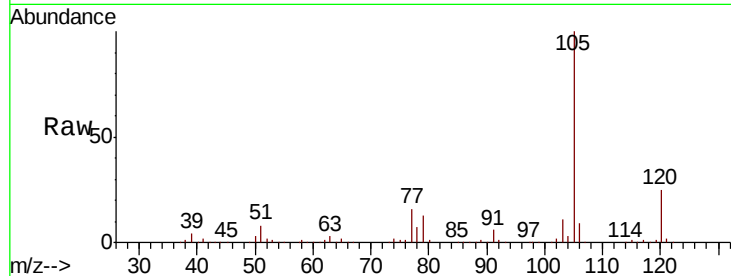
VSTDCCC050EC

Tot Ion:105 Resp: 339424

Ion Ratio Lower Upper

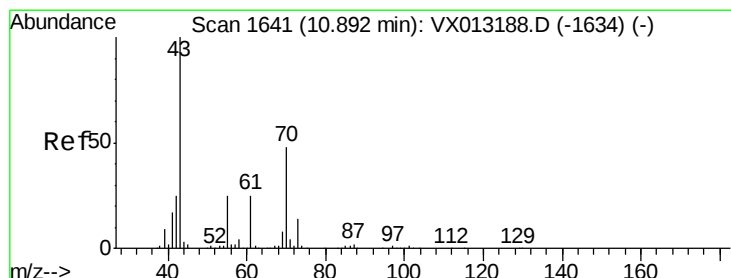
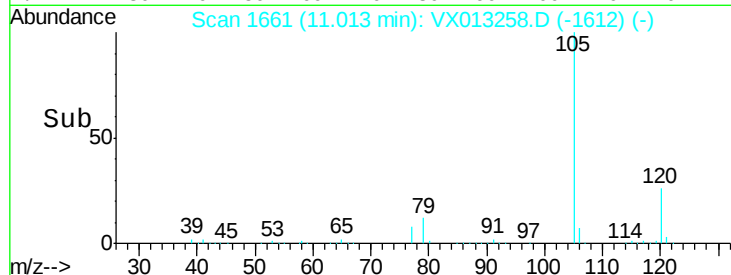
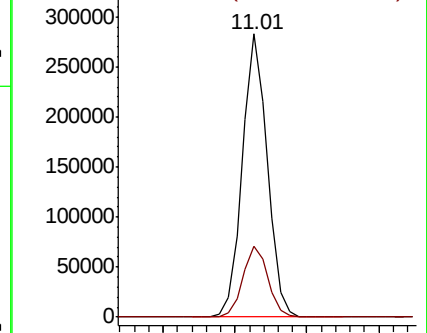
105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.575 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Tgt Ion: 43 Resp: 129351

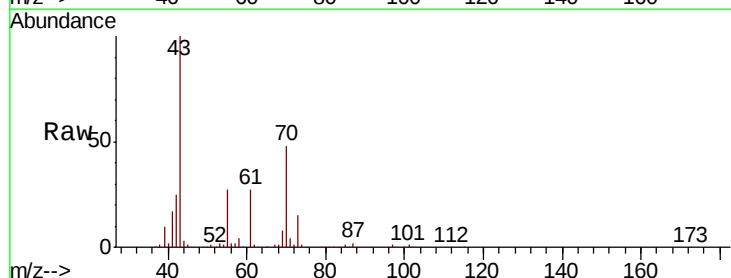
Ion Ratio Lower Upper

43 100

70 48.1 38.5 57.7

55 27.2 20.7 31.1

61 26.5 20.8 31.2

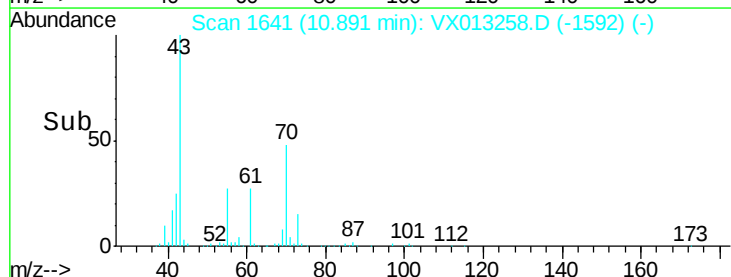
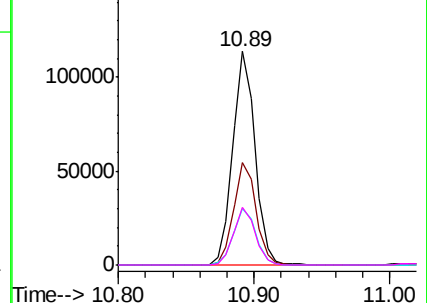


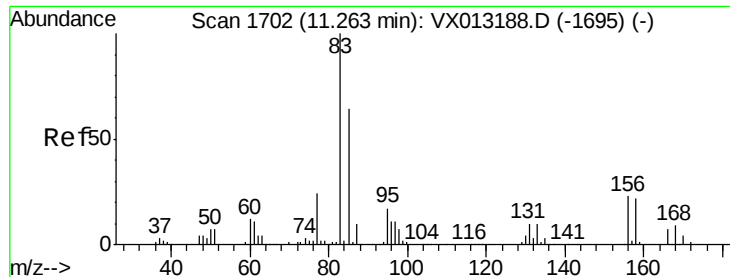
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.197 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

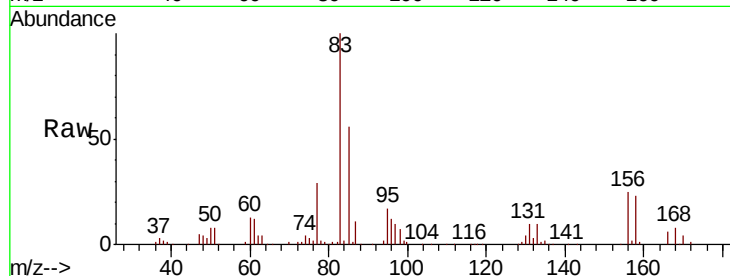
Tot Ion: 83 Resp: 99864

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

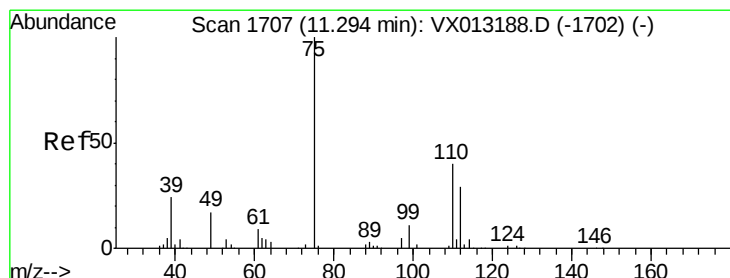
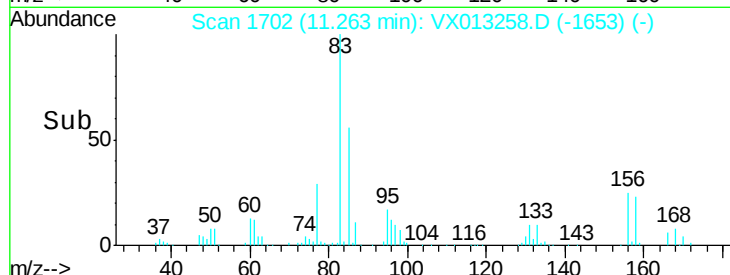
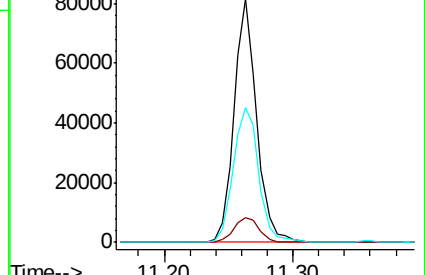
85 62.7 31.4 94.3



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: 66.155 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013258.D

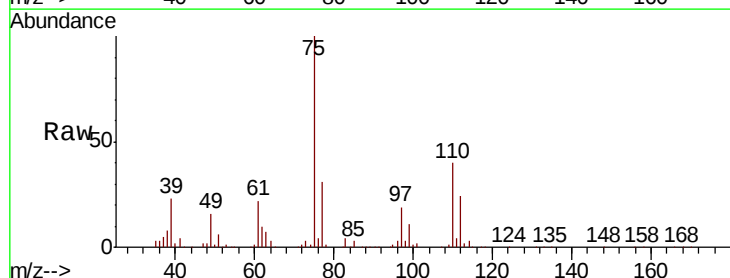
Acq: 28 Oct 2019 19:14

Tgt Ion: 75 Resp: 122354

Ion Ratio Lower Upper

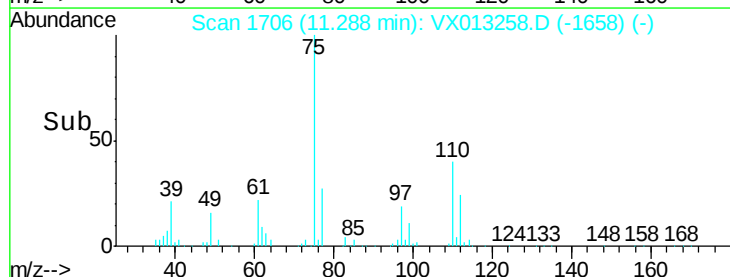
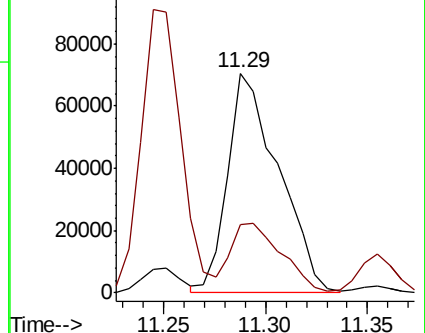
75 100

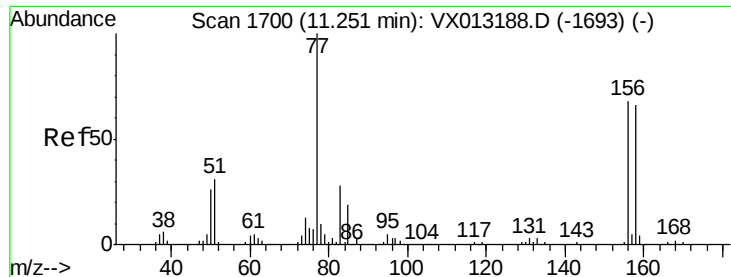
77 31.4 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.981 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

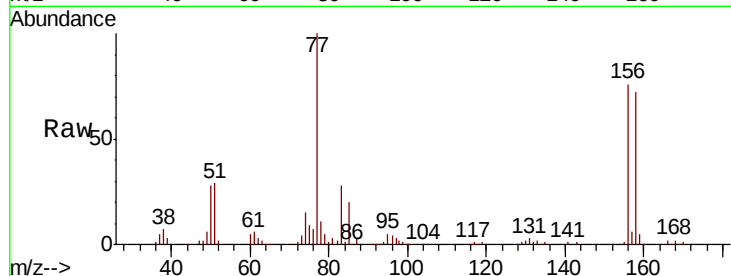
Tot Ion:156 Resp: 83475

Ion Ratio Lower Upper

156 100

77 148.1 81.7 245.1

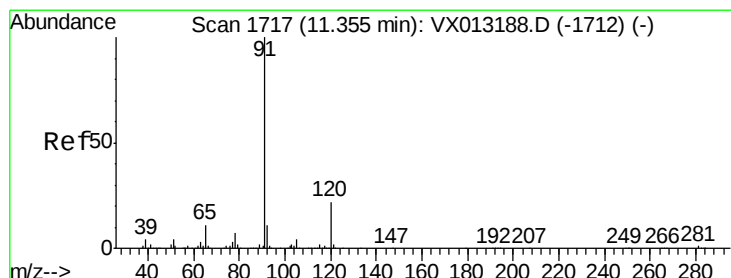
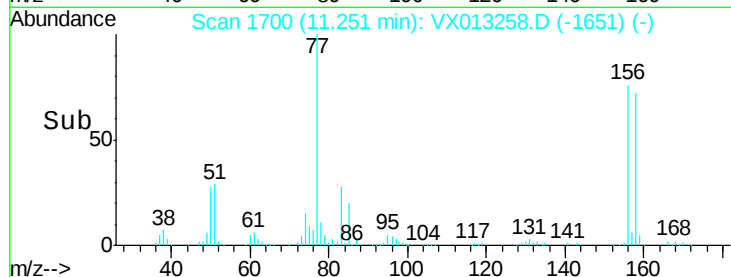
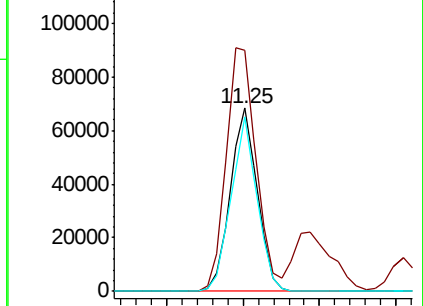
158 92.2 49.6 148.8



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: 47.489 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013258.D

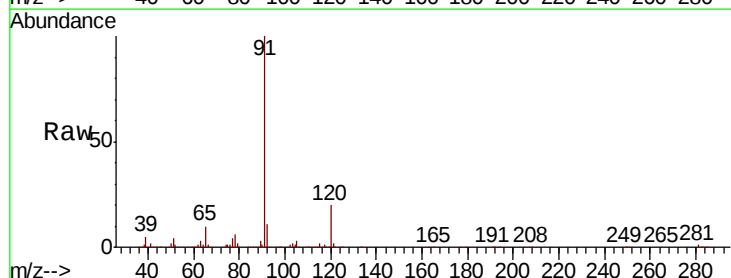
Acq: 28 Oct 2019 19:14

Tgt Ion: 91 Resp: 359462

Ion Ratio Lower Upper

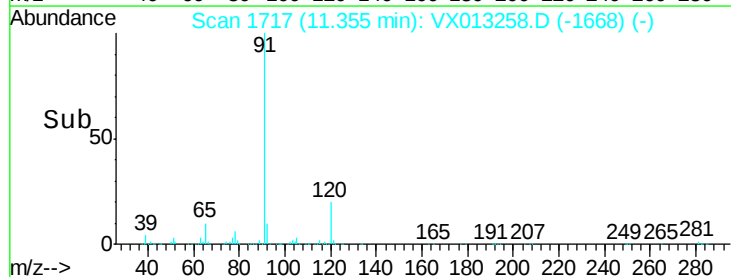
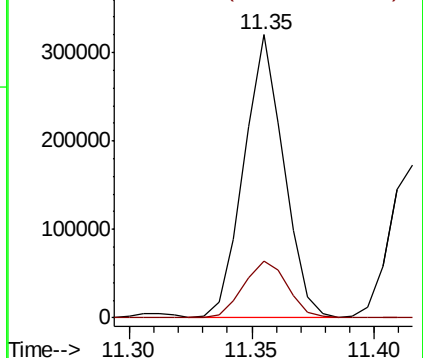
91 100

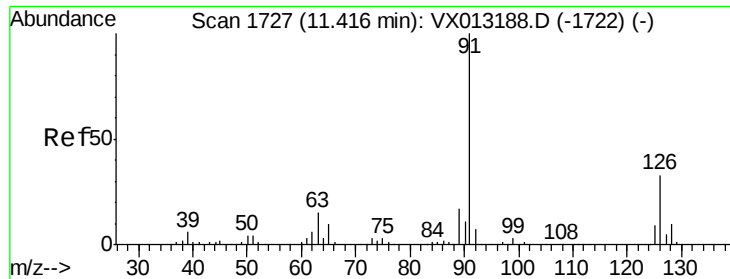
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

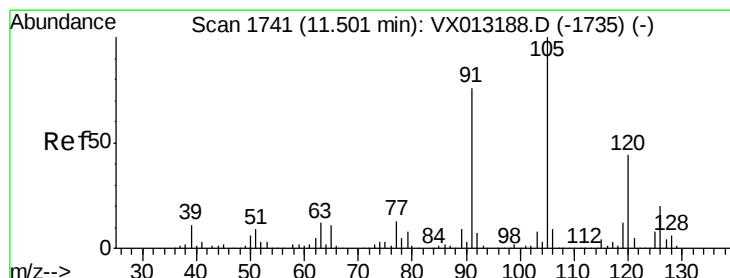
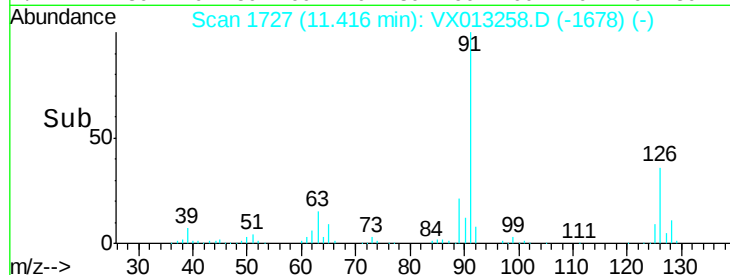
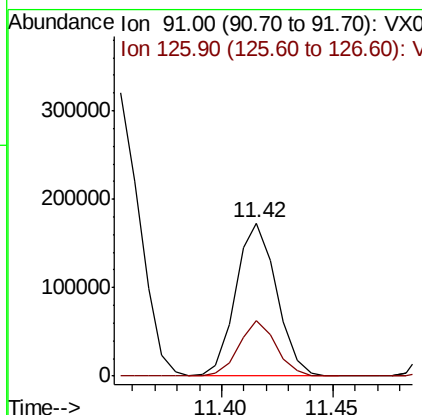
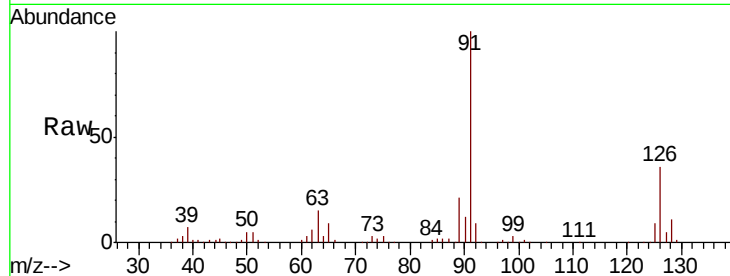




#79
 2-Chlorotoluene
 Concen: 46.181 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

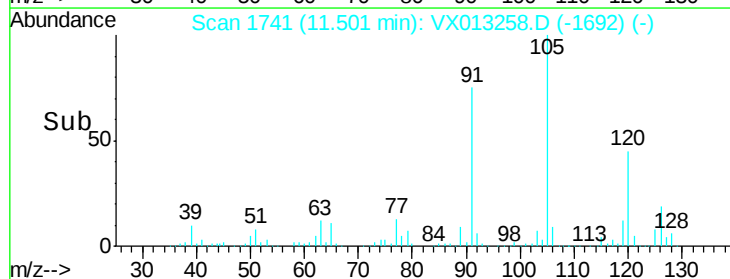
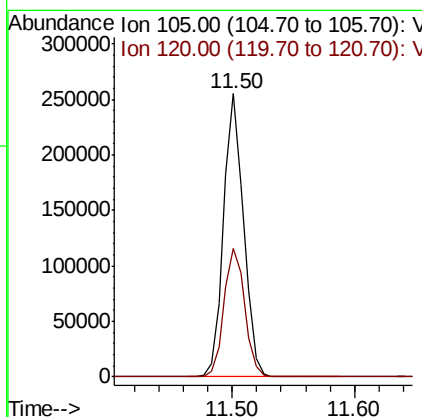
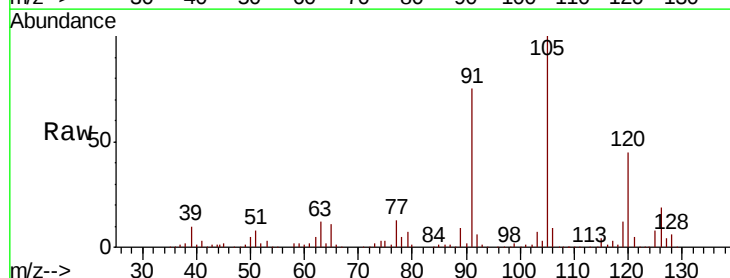
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

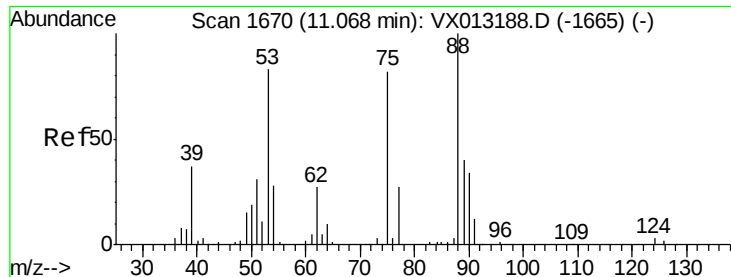
Tot Ion: 91 Resp: 220866
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 49.915 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion: 105 Resp: 289112
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0

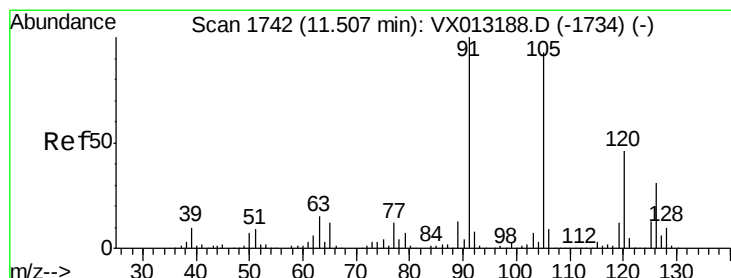
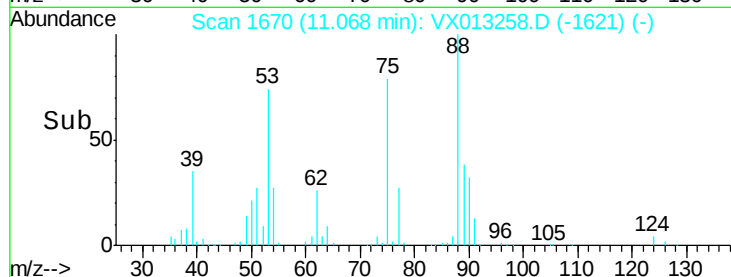
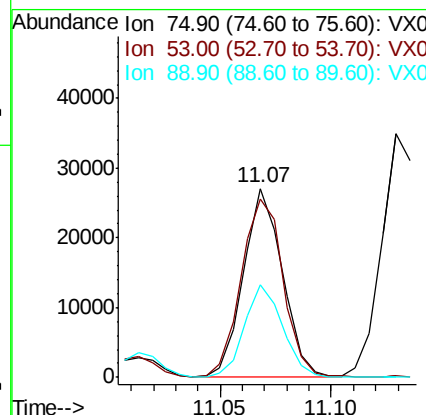
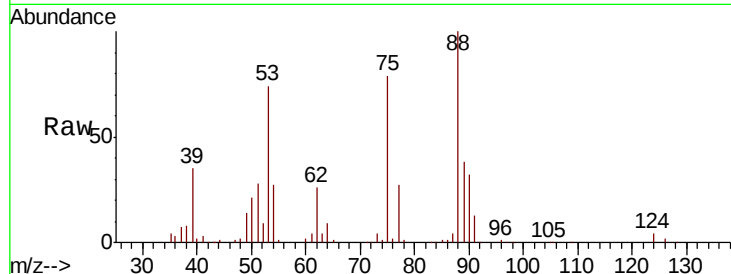




#81
trans-1,4-Dichloro-2-butene
Concen: 49.457 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

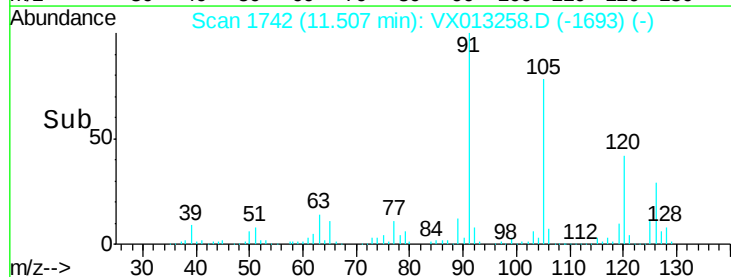
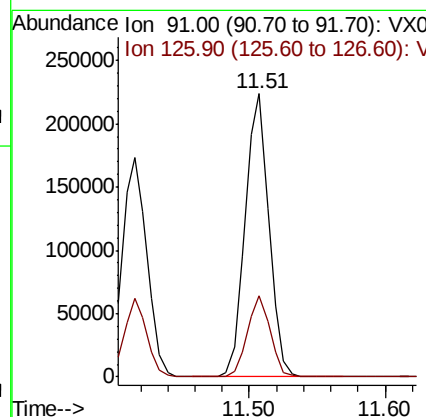
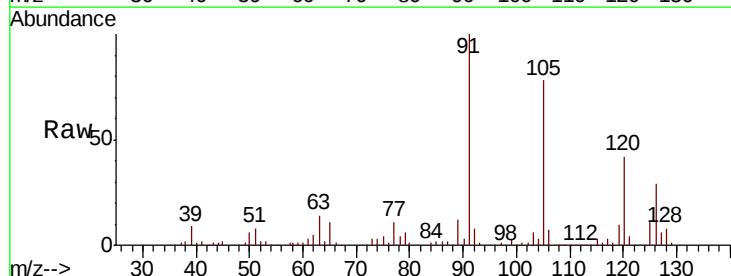
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

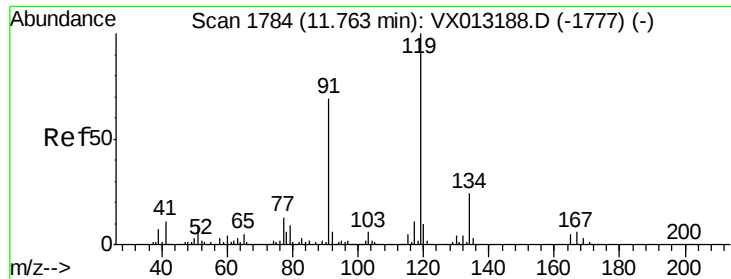
Tot Ion: 75 Resp: 33287
Ion Ratio Lower Upper
75 100
53 101.3 77.9 116.9
89 48.0 37.3 55.9



#82
4-Chlorotoluene
Concen: 50.286 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 91 Resp: 272494
Ion Ratio Lower Upper
91 100
126 27.6 14.6 44.0

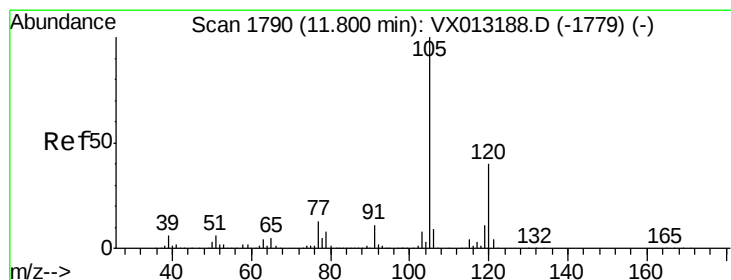
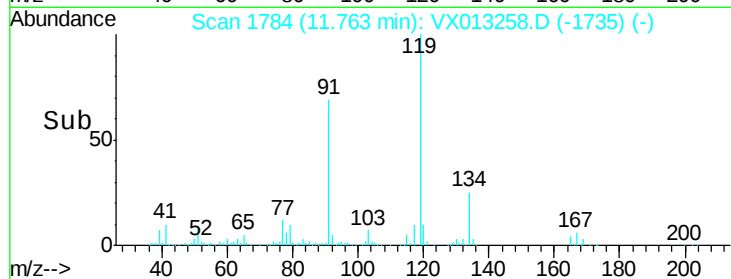
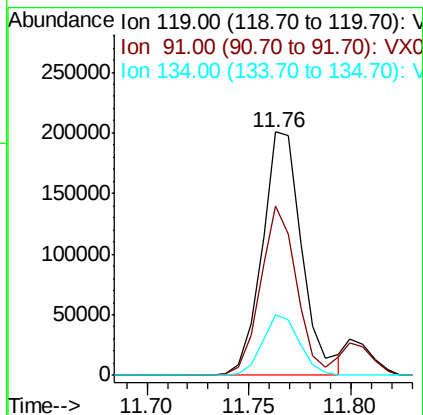
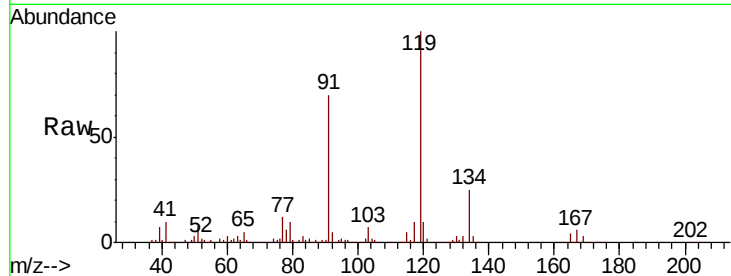




#83
tert-Butylbenzene
Concen: 47.570 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

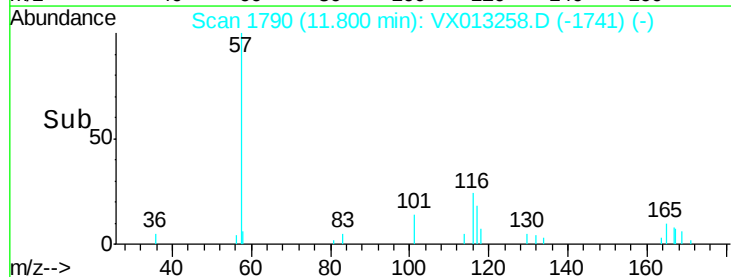
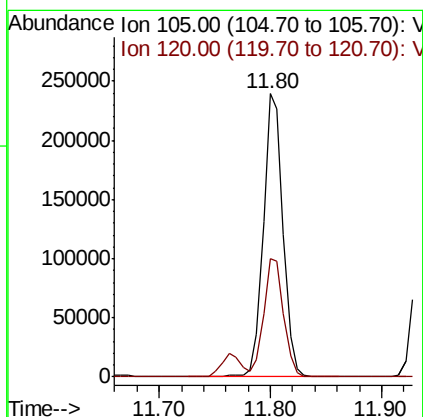
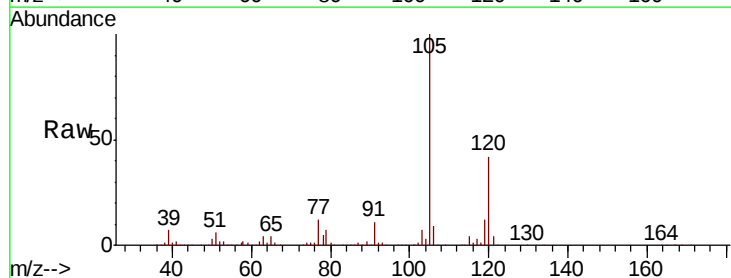
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

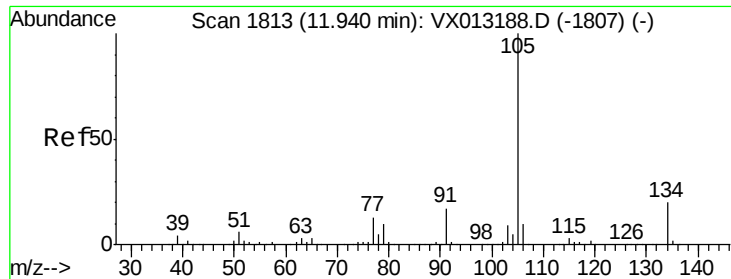
Tot Ion:119 Resp: 272602
Ion Ratio Lower Upper
119 100
91 63.0 30.8 92.4
134 23.0 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 50.710 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion:105 Resp: 296264
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#85

sec-Butylbenzene

Concen: 49.772 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

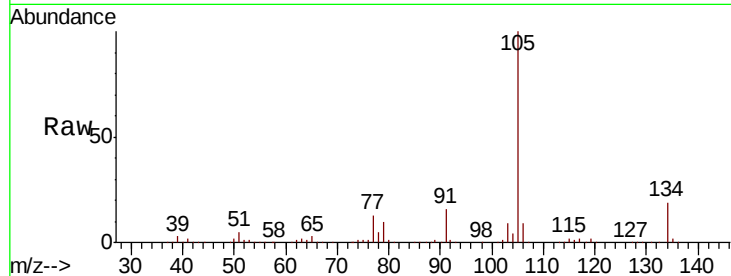
VSTDCCC050EC

Tot Ion:105 Resp: 324575

Ion Ratio Lower Upper

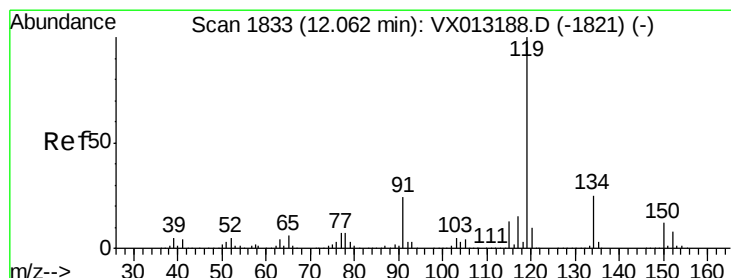
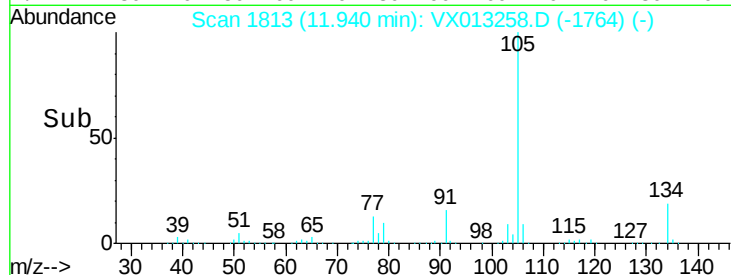
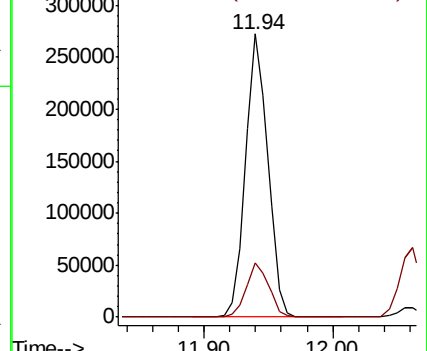
105 100

134 19.4 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.604 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

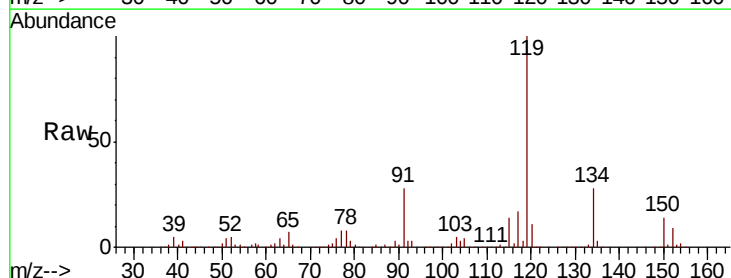
Tgt Ion:119 Resp: 303899

Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

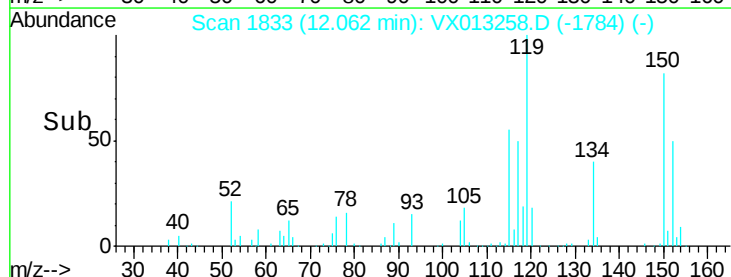
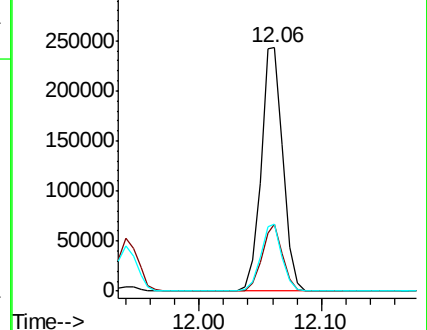
91 26.7 12.4 37.2

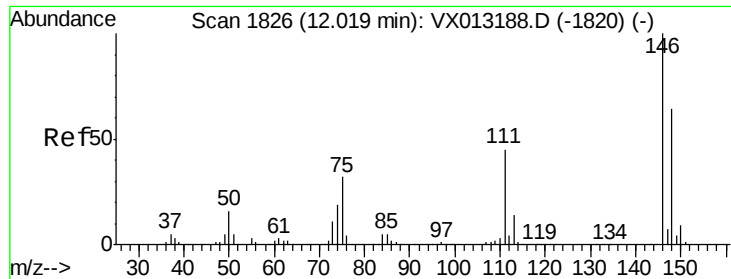


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

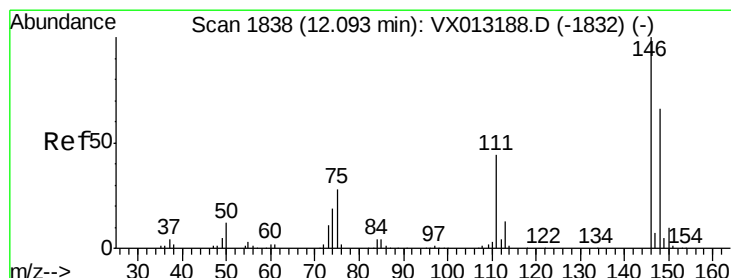
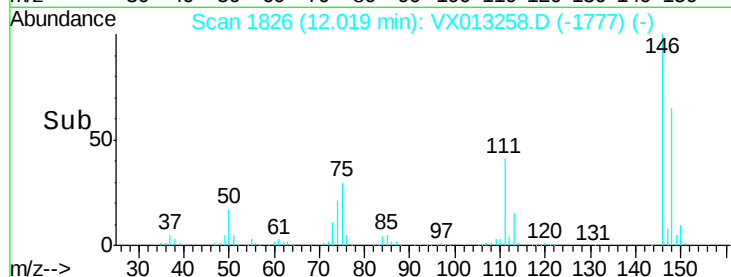
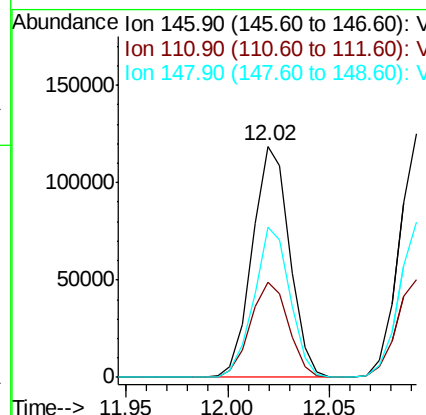
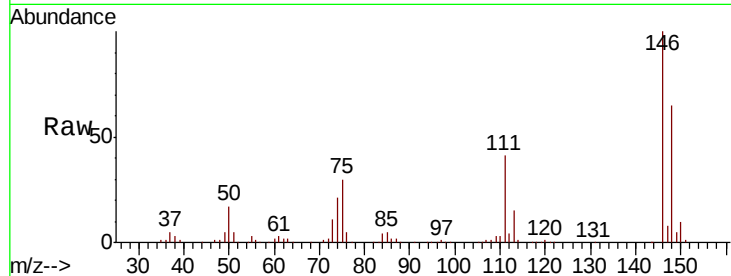




#87
 1,3-Dichlorobenzene
 Concen: 49.965 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

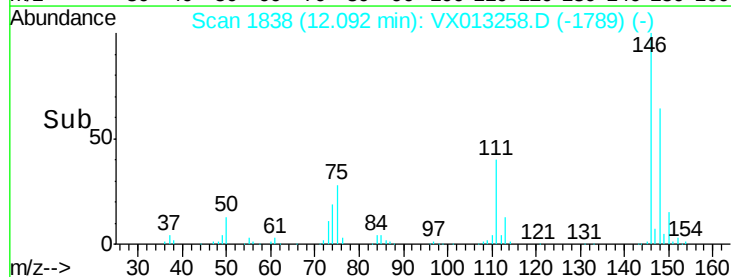
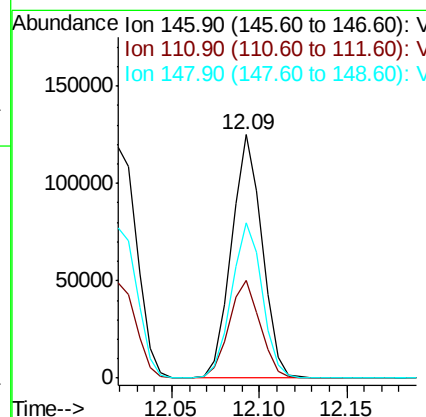
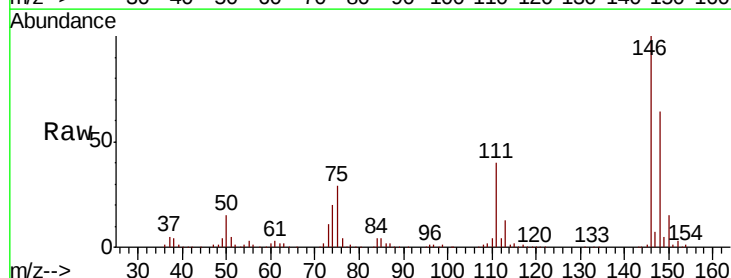
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

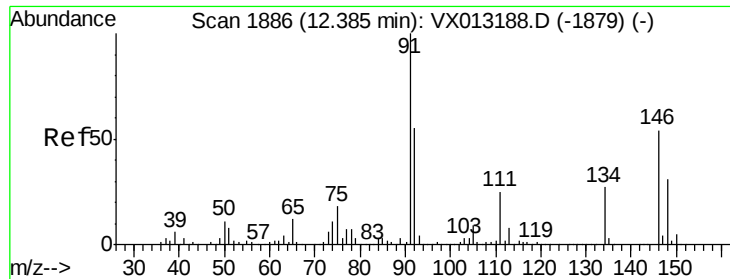
Tot Ion:146 Resp: 150757
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.9
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 49.225 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion:146 Resp: 151218
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.3 63.9
 148 64.3 32.5 97.5

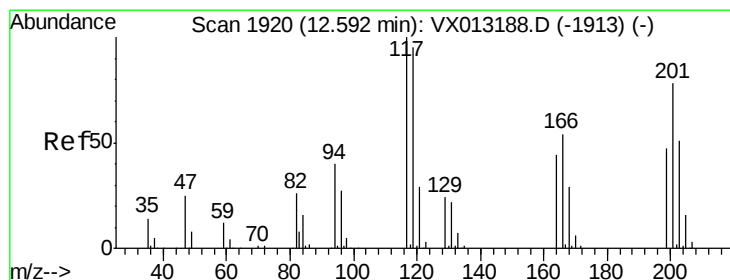
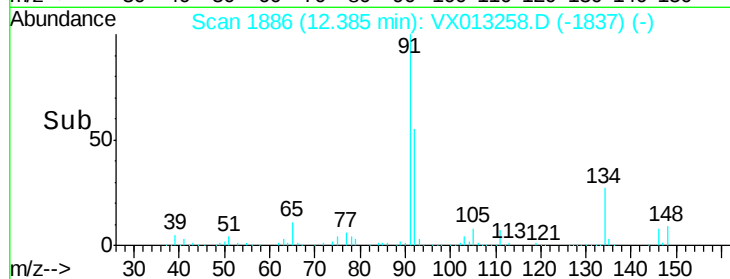
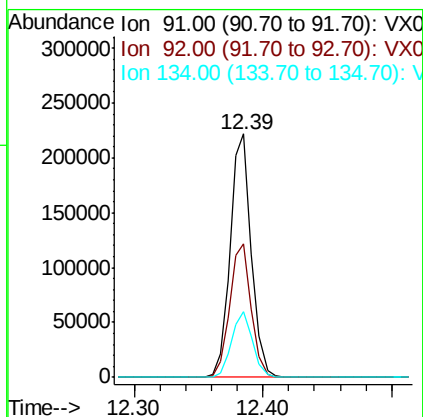
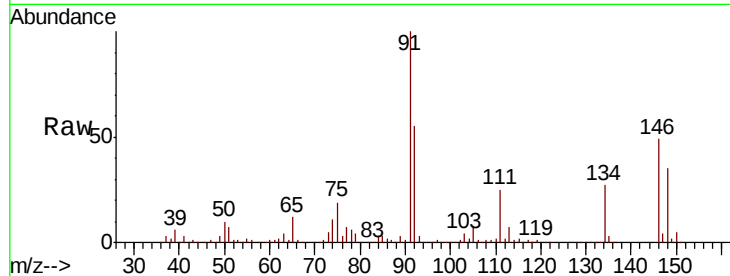




#89
n-Butylbenzene
Concen: 50.792 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

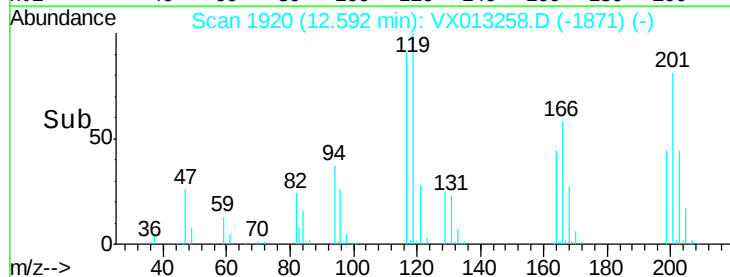
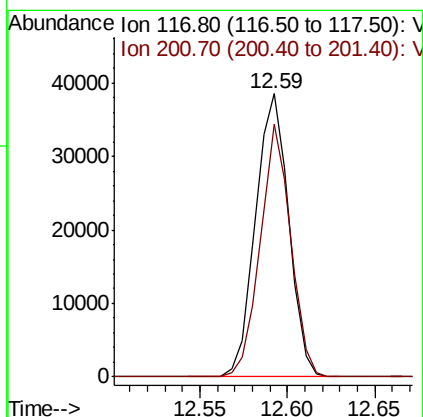
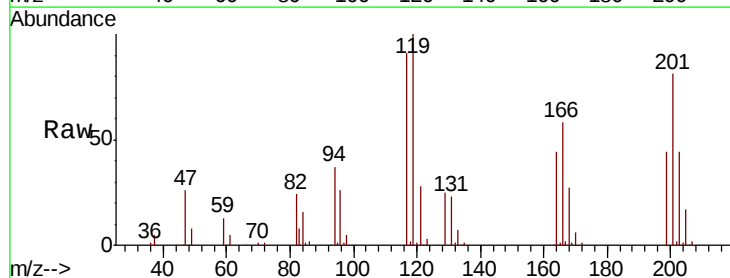
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

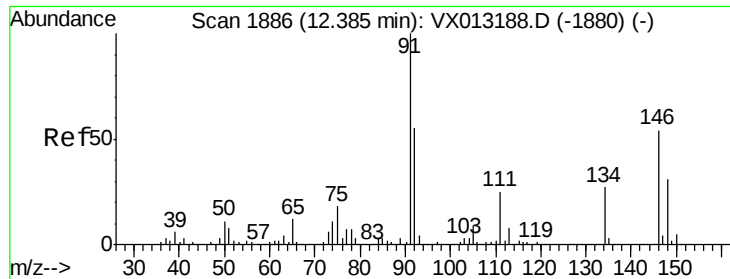
Tot Ion: 91 Resp: 254557
Ion Ratio Lower Upper
91 100
92 55.7 27.7 83.1
134 27.0 13.2 39.6



#90
Hexachloroethane
Concen: 49.811 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion: 117 Resp: 51105
Ion Ratio Lower Upper
117 100
201 82.3 39.0 116.9





#91

1,2-Dichlorobenzene

Concen: 48.100 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

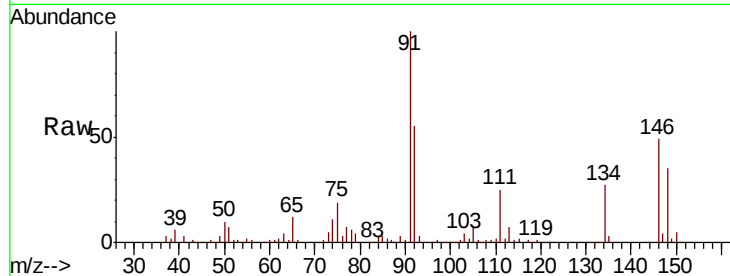
Tot Ion:146 Resp: 142712

Ion Ratio Lower Upper

146 100

111 46.2 22.9 68.8

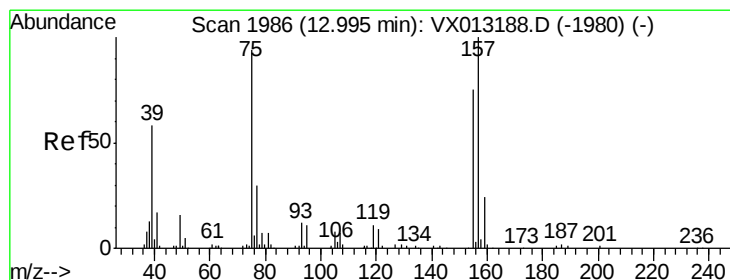
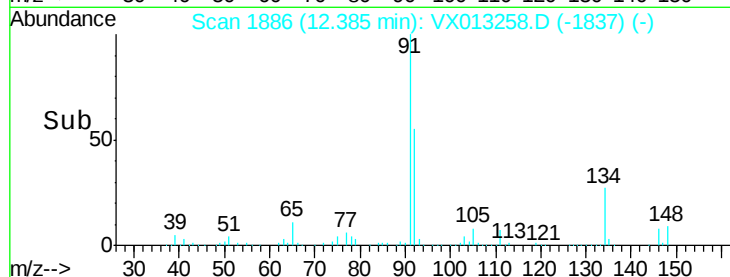
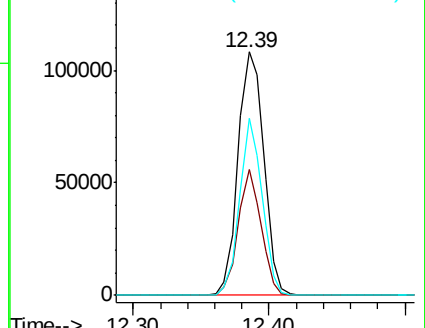
148 63.7 31.8 95.3



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: 52.970 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013258.D

Acq: 28 Oct 2019 19:14

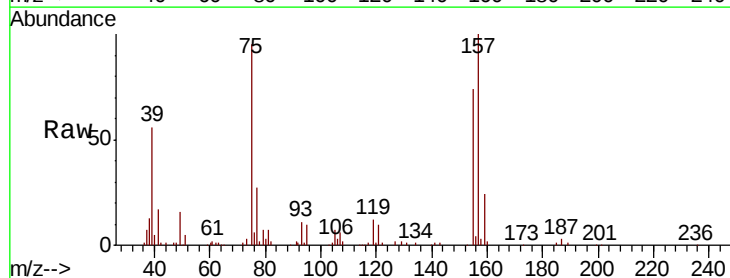
Tgt Ion: 75 Resp: 27871

Ion Ratio Lower Upper

75 100

155 82.8 42.8 128.4

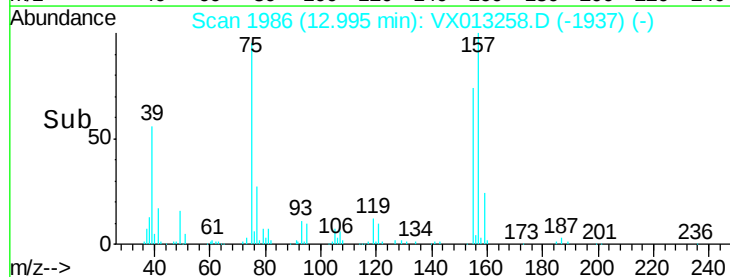
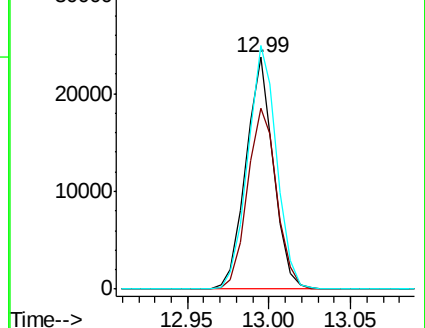
157 110.5 54.3 162.8

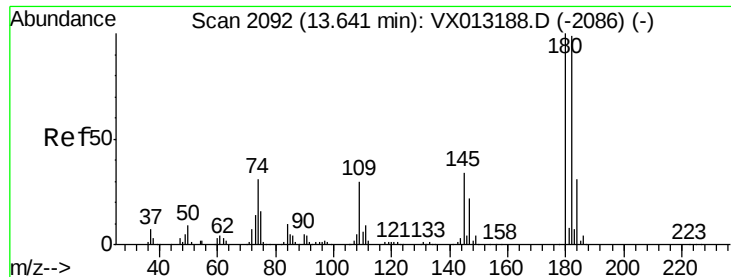


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

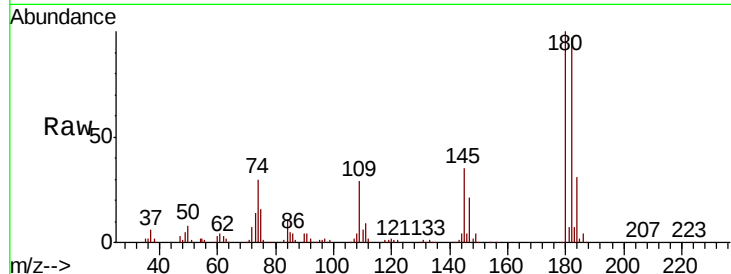




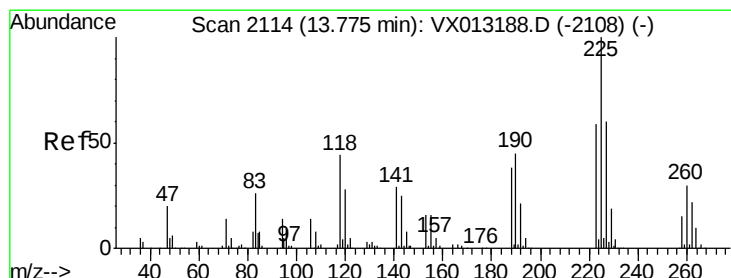
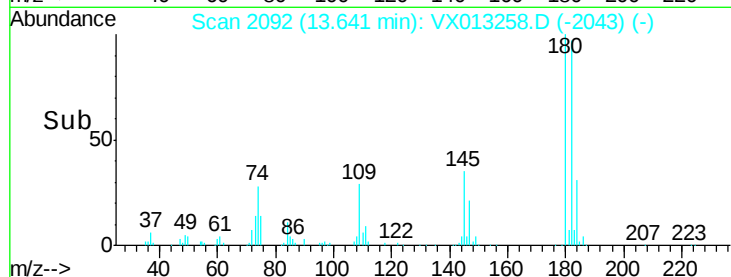
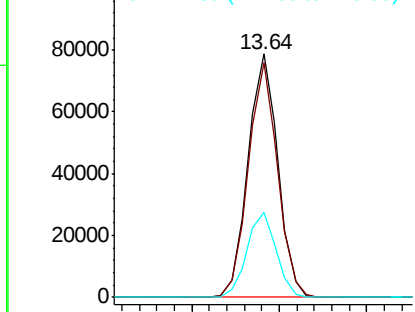
#93
 1,2,4-Trichlorobenzene
 Concen: 49.791 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 93024
 Ion Ratio Lower Upper
 180 100
 182 94.9 45.9 137.6
 145 34.4 15.9 47.6

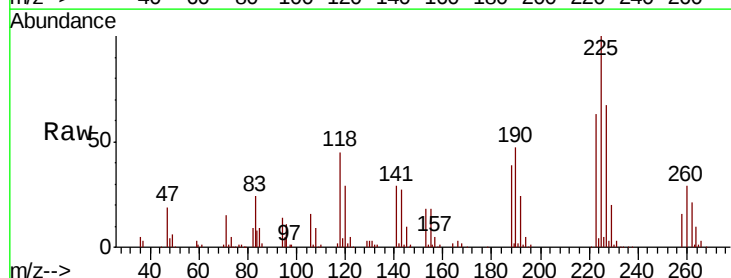


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

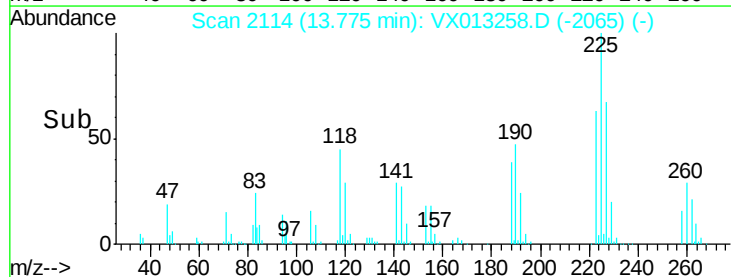
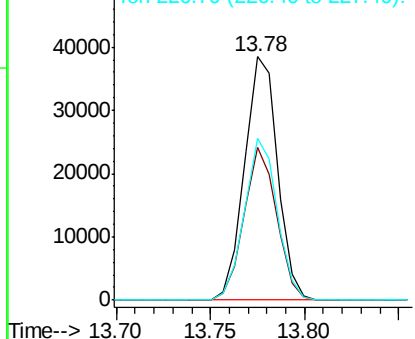


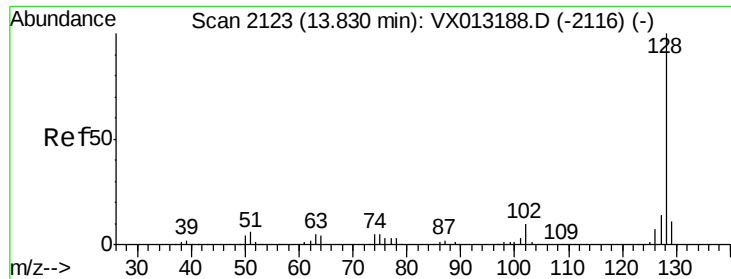
#94
 Hexachlorobutadiene
 Concen: 48.503 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013258.D
 Acq: 28 Oct 2019 19:14

Tgt Ion:225 Resp: 46875
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 65.8 30.3 90.9



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

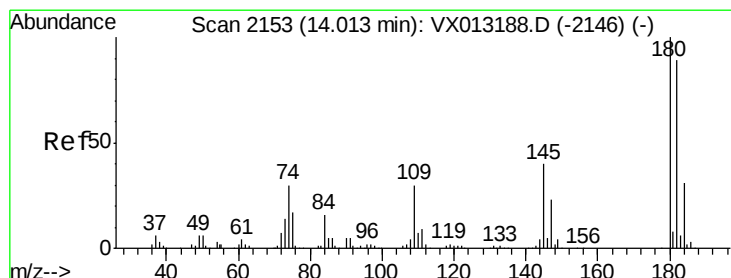
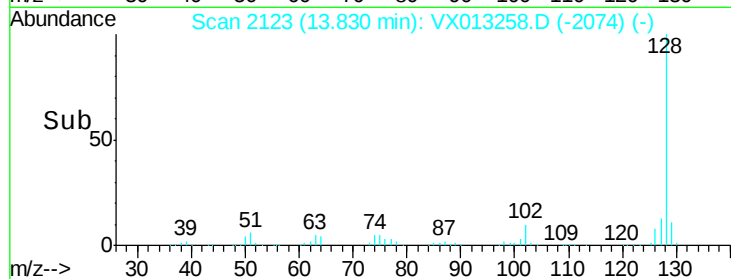
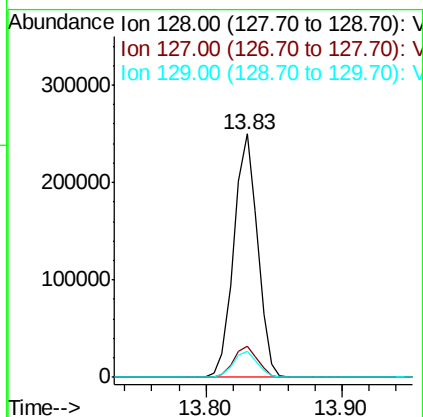
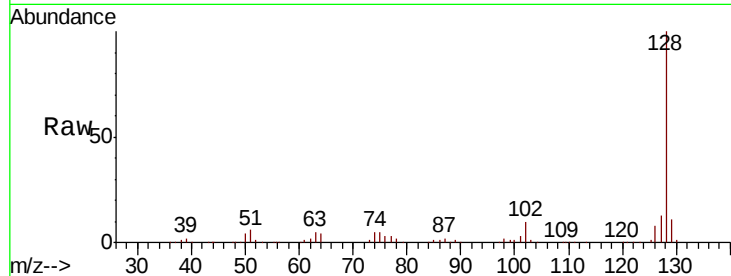




#95
Naphthalene
Concen: 52.910 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 303386
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.166 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013258.D
Acq: 28 Oct 2019 19:14

Tgt Ion:180 Resp: 96307
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 34.4 18.6 55.6

