

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091319\
 Data File : VX012400.D
 Acq On : 13 Sep 2019 21:54
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 00:07:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	120586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106085	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	78470	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.48	113	64649	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	8.71	98	237690	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.14	95	100185	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	38379	38.928 ug/l	97
3) Chloromethane	1.31	50	40853	45.971 ug/l	97
4) Vinyl Chloride	1.40	62	38220	43.375 ug/l	96
5) Bromomethane	1.62	94	20085	56.877 ug/l	100
6) Chloroethane	1.71	64	27568	46.788 ug/l	97
7) Trichlorofluoromethane	1.92	101	68954	43.239 ug/l	100
8) Diethyl Ether	2.17	74	26431	48.572 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48727	45.336 ug/l	98
10) Methyl Iodide	2.50	142	35277	34.486 ug/l	98
11) Tert butyl alcohol	3.03	59	46361	256.332 ug/l	100
12) 1,1-Dichloroethene	2.36	96	41777	45.785 ug/l	96
13) Acrolein	2.28	56	23126	259.492 ug/l	89
14) Allyl chloride	2.72	41	85120	45.756 ug/l	96
15) Acrylonitrile	3.13	53	88069	261.816 ug/l	100
16) Acetone	2.43	43	79478	196.928 ug/l	97
17) Carbon Disulfide	2.56	76	77196	40.288 ug/l	99
18) Methyl Acetate	2.76	43	44986	53.031 ug/l	99
19) Methyl tert-butyl Ether	3.18	73	178048	49.411 ug/l	99
20) Methylene Chloride	2.84	84	61199	48.526 ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	49801	45.746 ug/l	98
22) Diisopropyl ether	3.84	45	209898	49.335 ug/l	97
23) Vinyl Acetate	3.80	43	633355	242.635 ug/l	100
24) 1,1-Dichloroethane	3.69	63	109048	47.851 ug/l	97
25) 2-Butanone	4.66	43	122597	237.624 ug/l	96
26) 2,2-Dichloropropane	4.57	77	84192	39.350 ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	67267	47.860 ug/l	97
28) Bromochloromethane	5.00	49	52815	49.415 ug/l	99
29) Tetrahydrofuran	5.12	42	73740	264.903 ug/l	99
30) Chloroform	5.20	83	122166	47.539 ug/l	97
31) Cyclohexane	5.56	56	67451	42.609 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	98849	44.797 ug/l	100
36) 1,1-Dichloropropene	5.79	75	70756	45.274 ug/l	97
37) Ethyl Acetate	4.82	43	50473	52.245 ug/l	100
38) Carbon Tetrachloride	5.77	117	77756	42.406 ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	71754	41.837	ug/l	96
40) Benzene	6.13	78	226693	47.926	ug/l	97
41) Methacrylonitrile	5.03	41	30778	51.678	ug/l	97
42) 1,2-Dichloroethane	6.18	62	89859	48.066	ug/l	100
43) Isopropyl Acetate	6.43	43	99904	49.049	ug/l	100
44) Trichloroethene	7.20	130	59881	46.779	ug/l	99
45) 1,2-Dichloropropane	7.51	63	64199	49.034	ug/l	99
46) Dibromomethane	7.65	93	37315	52.148	ug/l	97
47) Bromodichloromethane	7.89	83	90642	46.417	ug/l	97
48) Methyl methacrylate	7.76	41	48289	49.530	ug/l	99
49) 1,4-Dioxane	7.73	88	14474	1100.215	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	274376	255.238	ug/l	99
52) Toluene	8.78	92	151688	48.552	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	88803	45.562	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100825	46.651	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	55553	50.111	ug/l	98
56) Ethyl methacrylate	9.17	69	75515	50.310	ug/l	97
57) 1,3-Dichloropropane	9.37	76	96079	50.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	165636	215.305	ug/l	99
59) 2-Hexanone	9.48	43	193045	258.274	ug/l	99
60) Dibromochloromethane	9.57	129	63911	49.383	ug/l	98
61) 1,2-Dibromoethane	9.67	107	52604	50.976	ug/l	99
64) Tetrachloroethene	9.33	164	55467	51.875	ug/l	96
65) Chlorobenzene	10.14	112	176962	47.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	68091	48.896	ug/l	99
67) Ethyl Benzene	10.25	91	304623	46.364	ug/l	96
68) m/p-Xylenes	10.35	106	228685	94.552	ug/l	100
69) o-Xylene	10.70	106	114110	48.162	ug/l	99
70) Styrene	10.71	104	206197	49.072	ug/l	99
71) Bromoform	10.85	173	35978	49.823	ug/l #	99
73) Isopropylbenzene	11.01	105	307145	43.979	ug/l	100
74) N-amyl acetate	10.89	43	90494	43.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72051	48.037	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	75931	55.716	ug/l	88
77) Bromobenzene	11.25	156	78061	48.548	ug/l	93
78) n-propylbenzene	11.35	91	363739	43.129	ug/l	99
79) 2-Chlorotoluene	11.42	91	229205	43.866	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	279616	44.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18443	40.548	ug/l	95
82) 4-Chlorotoluene	11.51	91	280367	44.648	ug/l	99
83) tert-Butylbenzene	11.76	119	270611	44.374	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	292085	44.988	ug/l	98
85) sec-Butylbenzene	11.94	105	317091	43.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	297341	44.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	150311	45.890	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	155881	47.064	ug/l	98
89) n-Butylbenzene	12.39	91	283167	42.970	ug/l	99
90) Hexachloroethane	12.59	117	52982	42.783	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	145593	48.052	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13670	44.651	ug/l	92

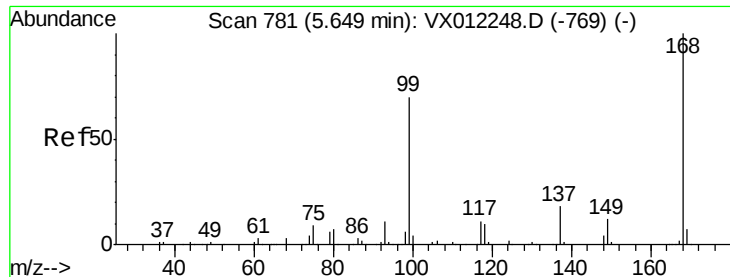
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102172	48.829	ug/l	100
94) Hexachlorobutadiene	13.78	225	52045	49.998	ug/l	98
95) Naphthalene	13.83	128	228001	50.775	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	94948	51.285	ug/l	99

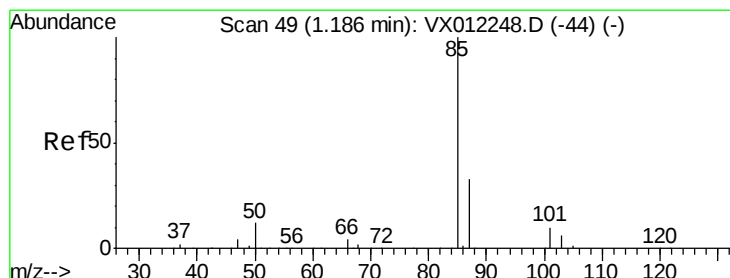
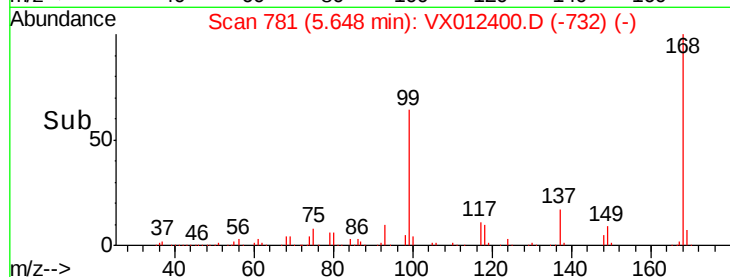
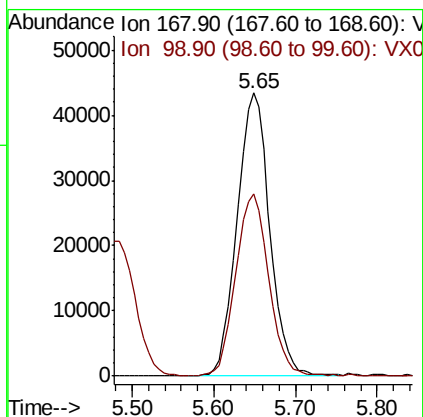
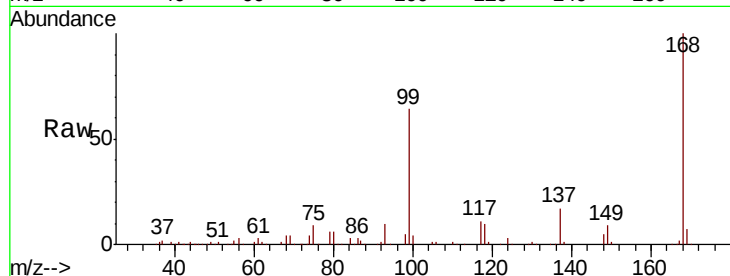
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

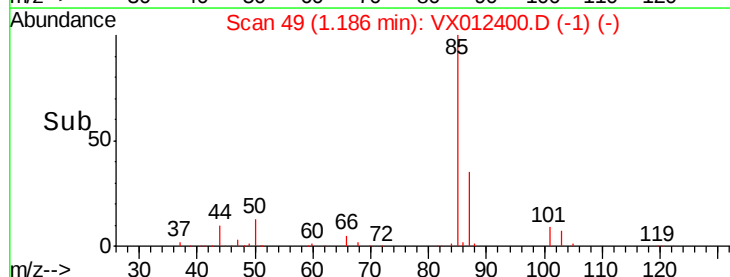
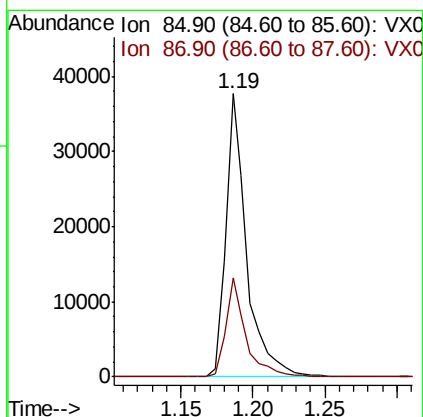
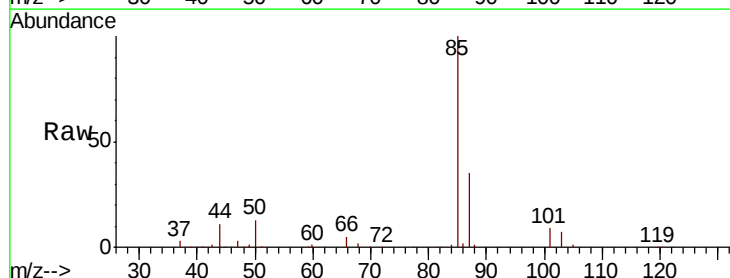
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

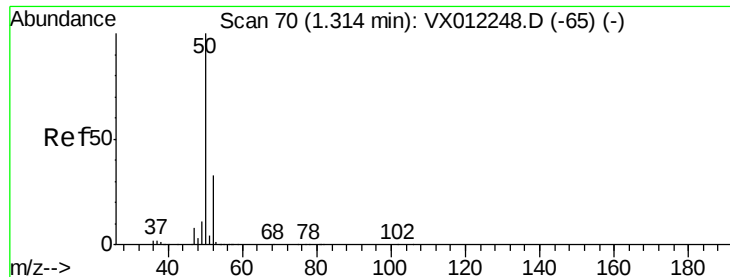
Tgt Ion: 168 Resp: 120586
Ion Ratio Lower Upper
168 100
99 64.0 55.8 83.6



#2
Dichlorodifluoromethane
Concen: 38.928 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 85 Resp: 38379
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.0





#3

Chloromethane

Concen: 45.971 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

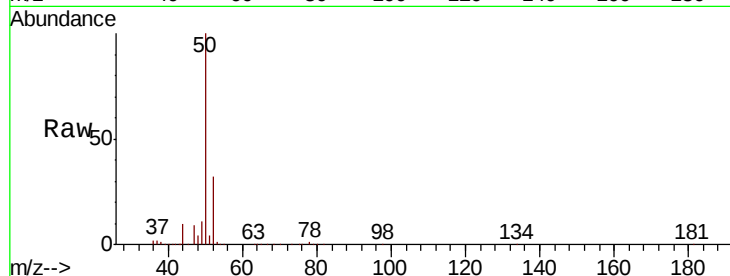
VSTDCCC050

Tgt Ion: 50 Resp: 40853

Ion Ratio Lower Upper

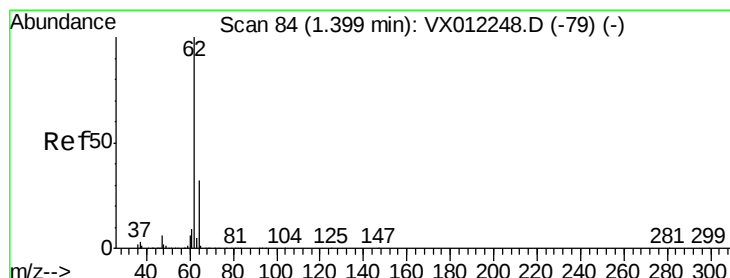
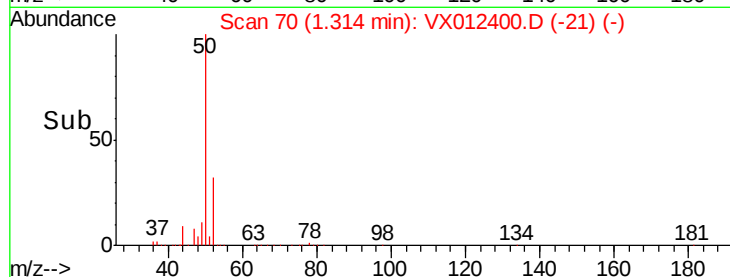
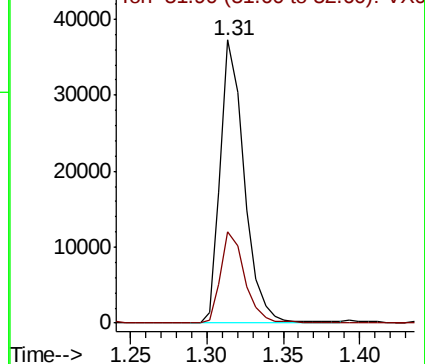
50 100

52 31.9 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.375 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012400.D

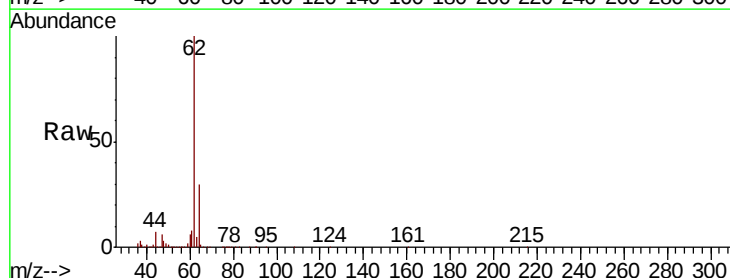
Acq: 13 Sep 2019 21:54

Tgt Ion: 62 Resp: 38220

Ion Ratio Lower Upper

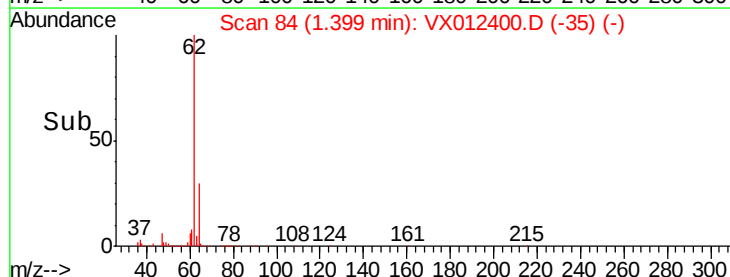
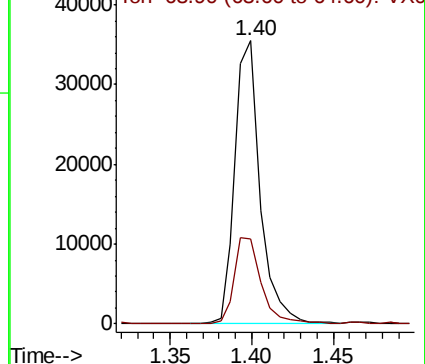
62 100

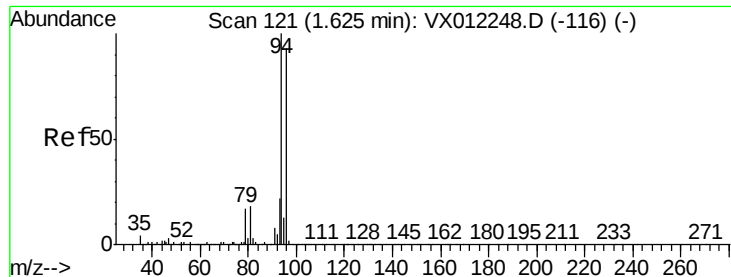
64 29.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.877 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

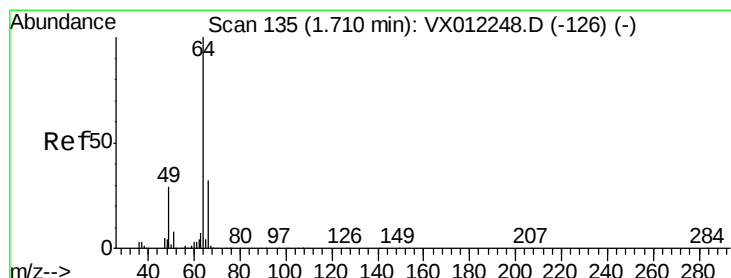
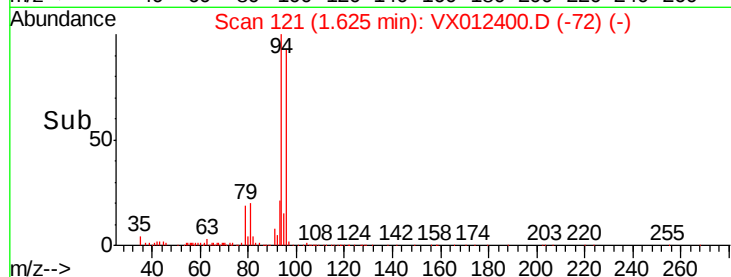
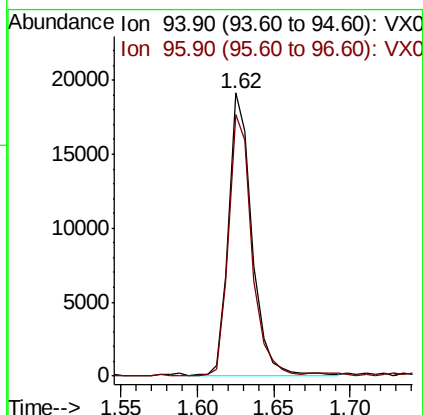
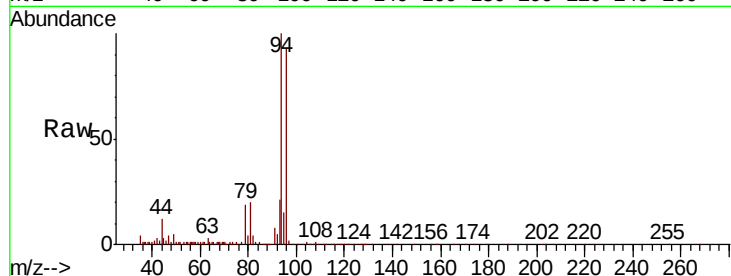
VSTDCCC050

Tgt Ion: 94 Resp: 20085

Ion Ratio Lower Upper

94 100

96 92.6 74.0 111.0



#6

Chloroethane

Concen: 46.788 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012400.D

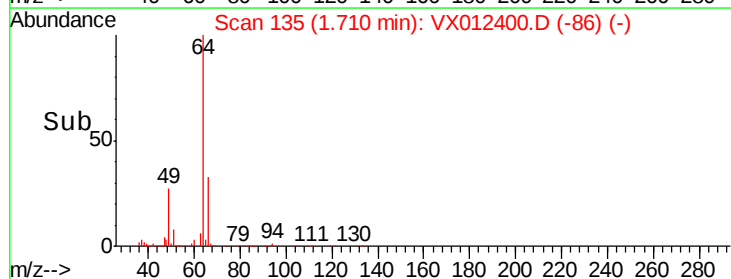
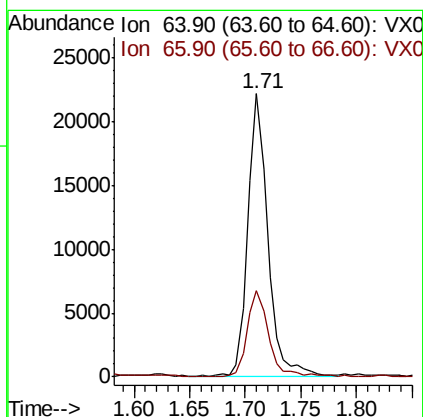
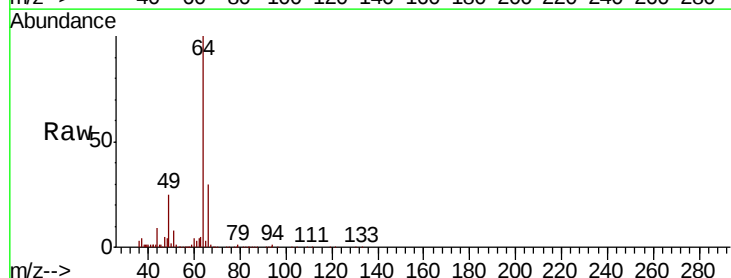
Acq: 13 Sep 2019 21:54

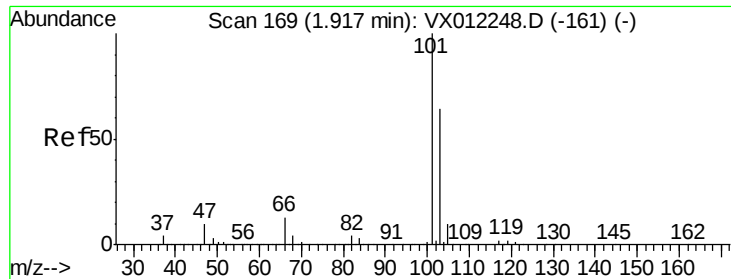
Tgt Ion: 64 Resp: 27568

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.6



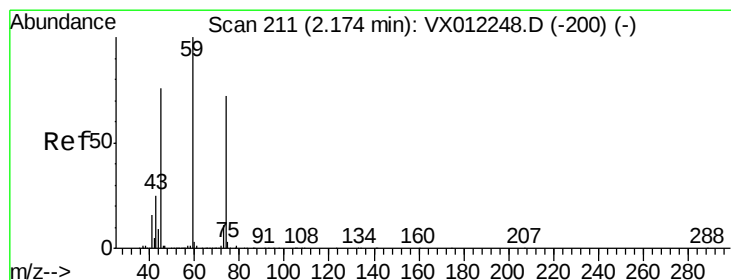
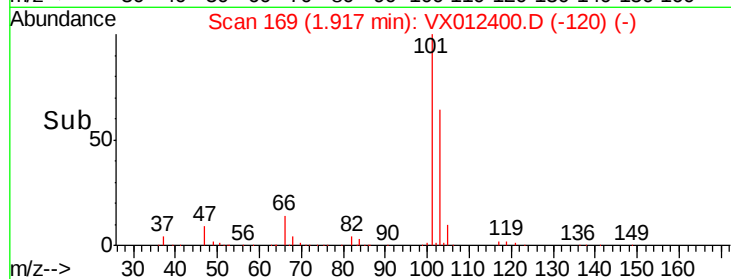
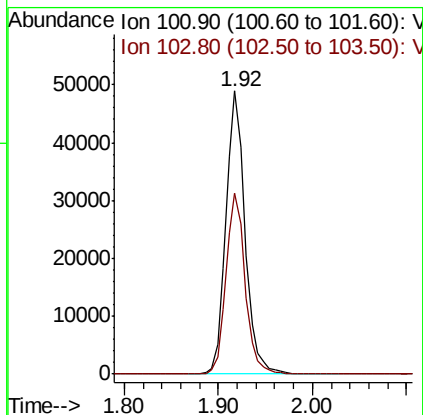
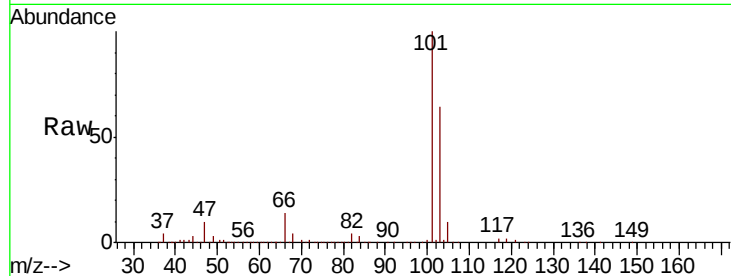


#7

Trichlorofluoromethane
 Concen: 43.239 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
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 ClientSampleId :
 VSTDCCC050

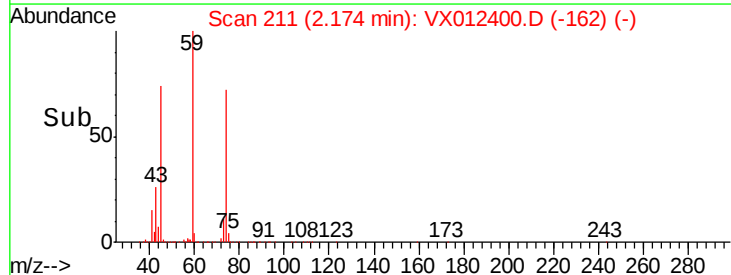
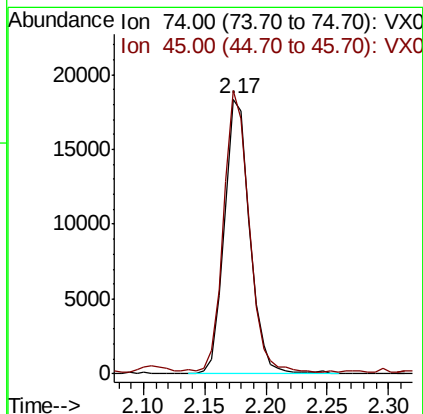
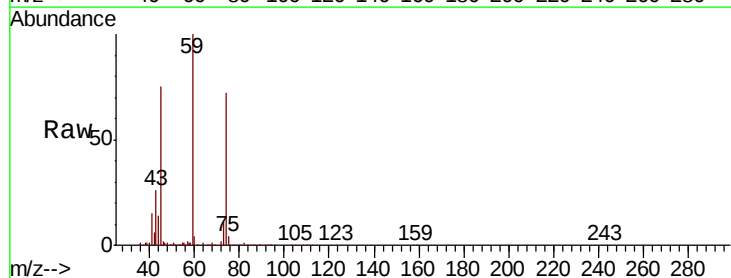
Tgt Ion:101 Resp: 68954
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2

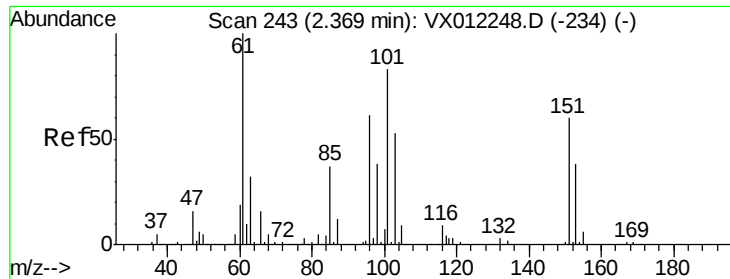


#8

Diethyl Ether
 Concen: 48.572 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 74 Resp: 26431
 Ion Ratio Lower Upper
 74 100
 45 101.6 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.336 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

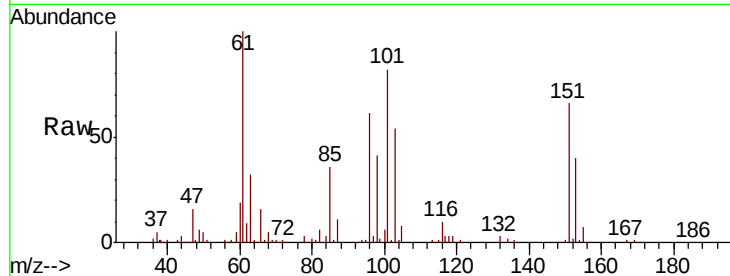
Tgt Ion:101 Resp: 48727

Ion Ratio Lower Upper

101 100

85 45.0 37.0 55.6

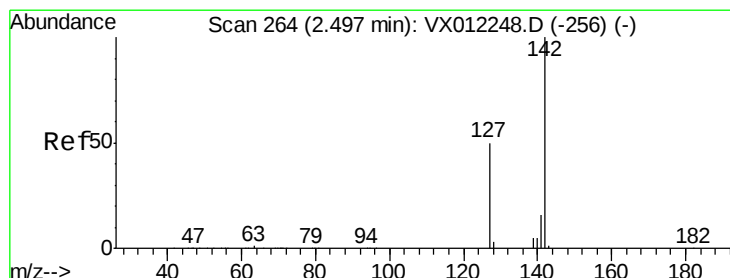
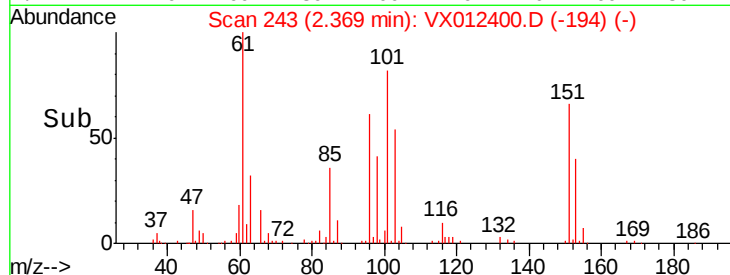
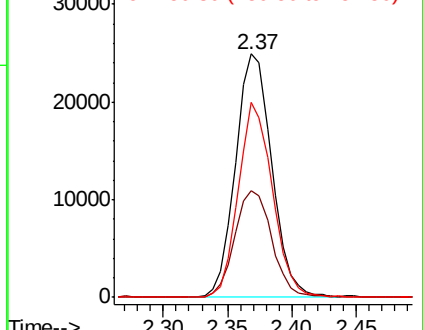
151 75.6 58.6 87.8



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: 34.486 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

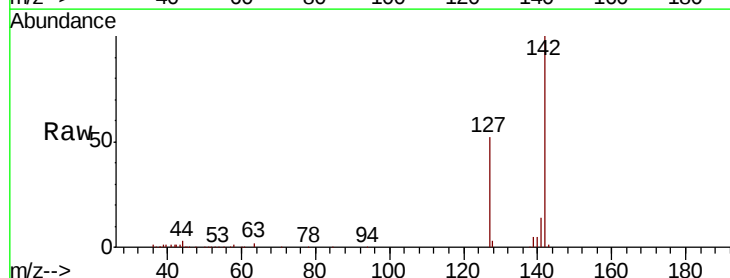
Tgt Ion:142 Resp: 35277

Ion Ratio Lower Upper

142 100

127 51.9 40.6 61.0

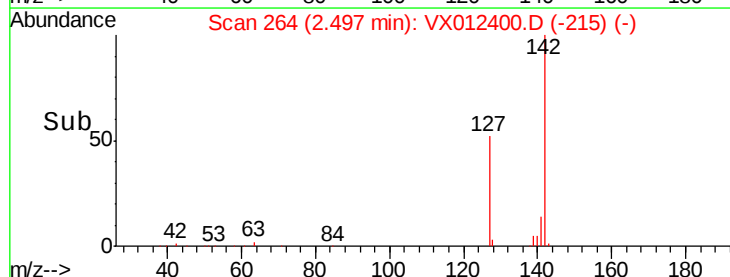
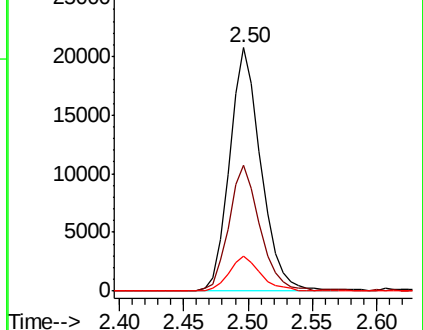
141 14.5 12.0 18.0

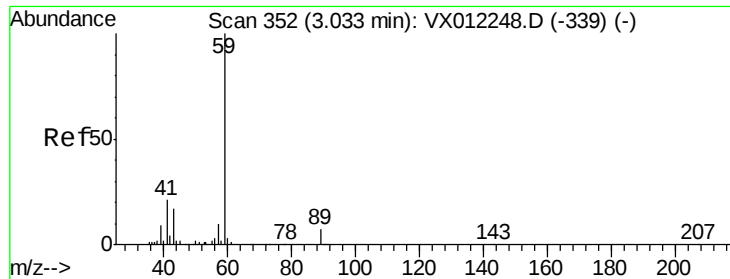


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

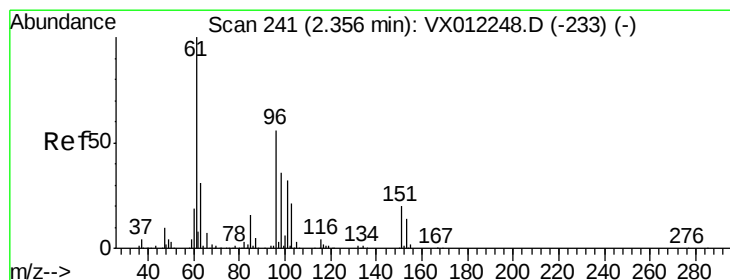
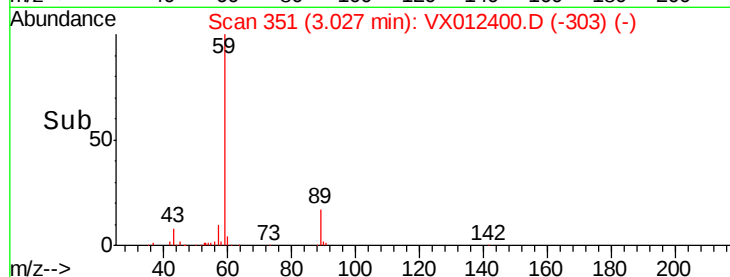
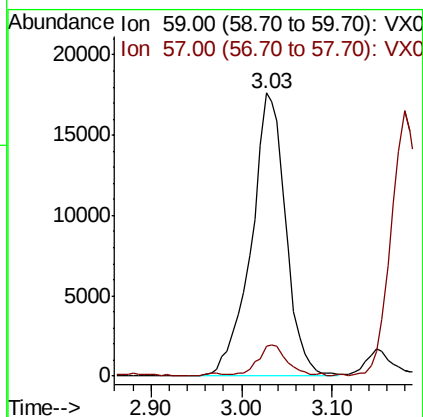
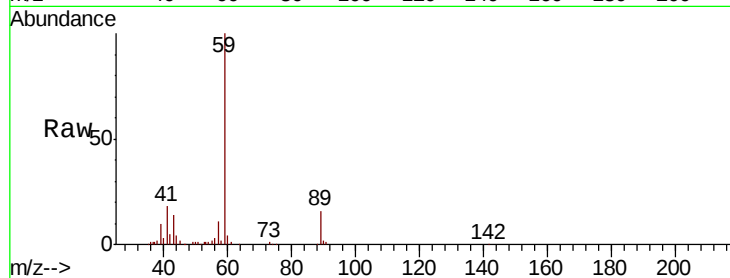




#11
Tert butyl alcohol
Concen: 256.332 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

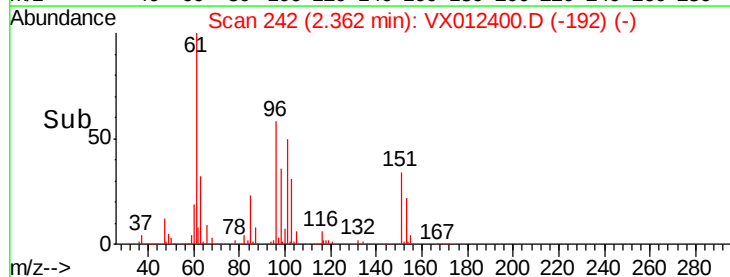
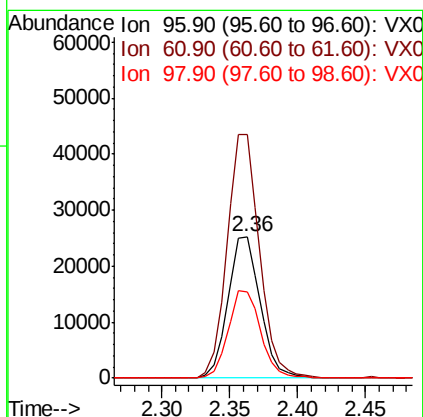
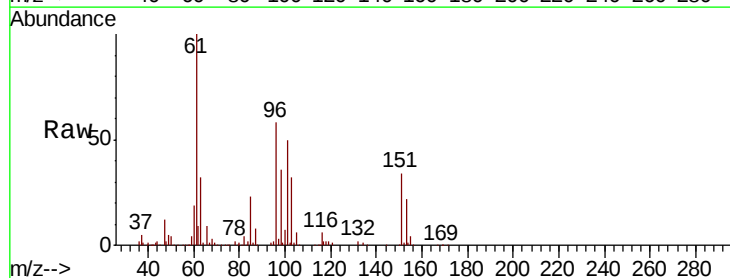
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

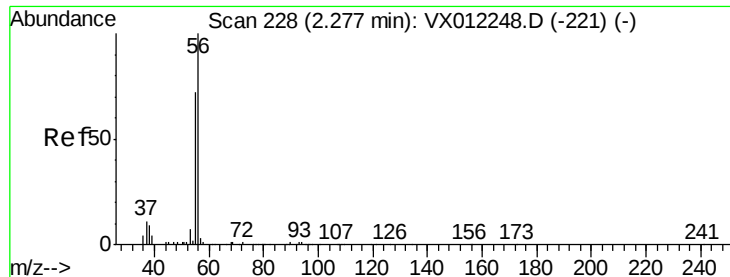
Tgt Ion: 59 Resp: 46361
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 45.785 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 96 Resp: 41777
Ion Ratio Lower Upper
96 100
61 171.8 142.2 213.2
98 61.2 51.3 76.9





#13

Acrolein

Concen: 259.492 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

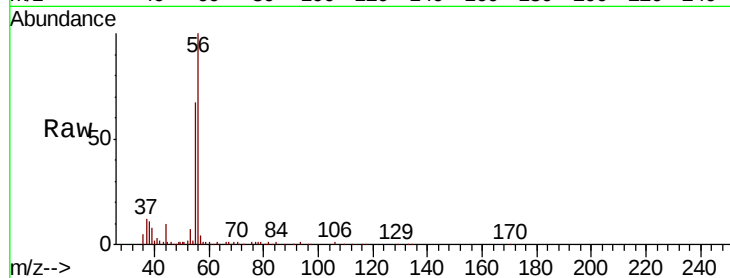
VSTDCCC050

Tgt Ion: 56 Resp: 23126

Ion Ratio Lower Upper

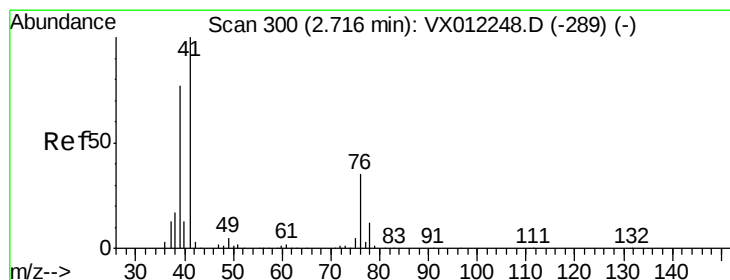
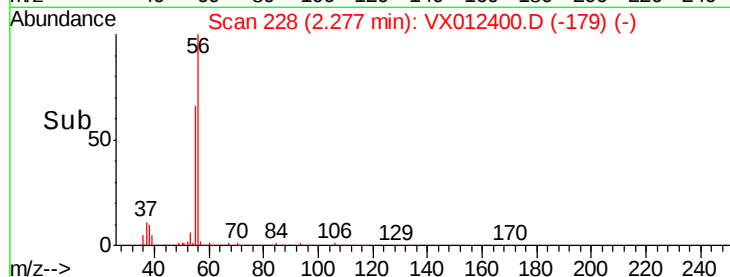
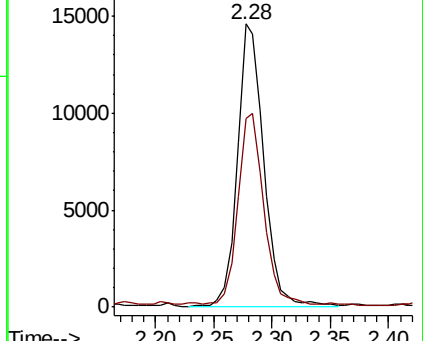
56 100

55 65.7 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.756 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

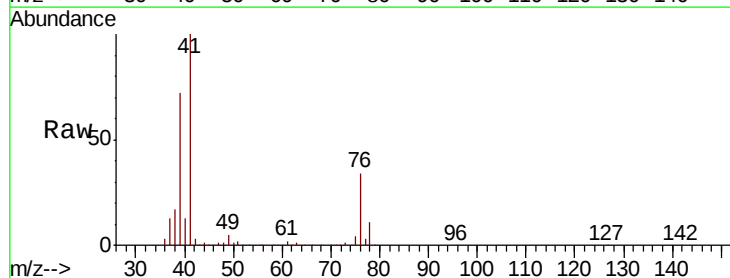
Tgt Ion: 41 Resp: 85120

Ion Ratio Lower Upper

41 100

39 69.3 58.6 87.8

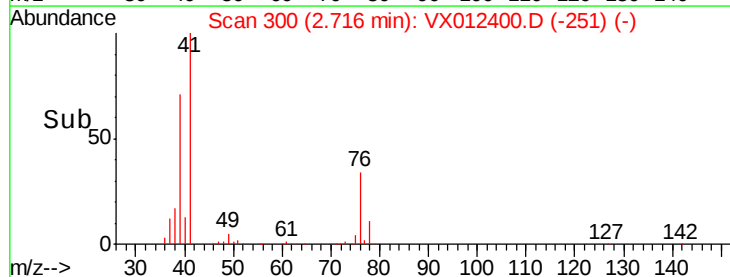
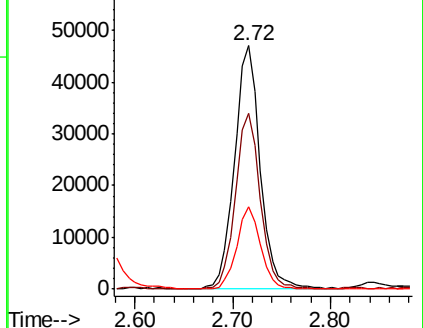
76 31.3 26.3 39.5

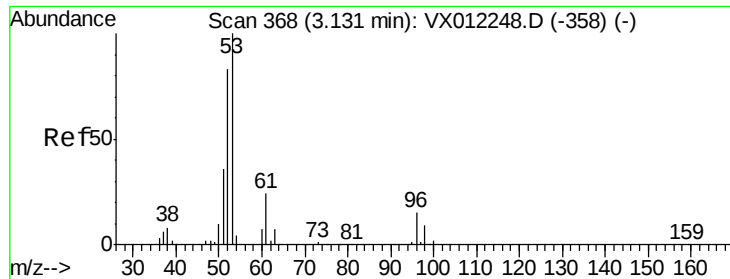


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

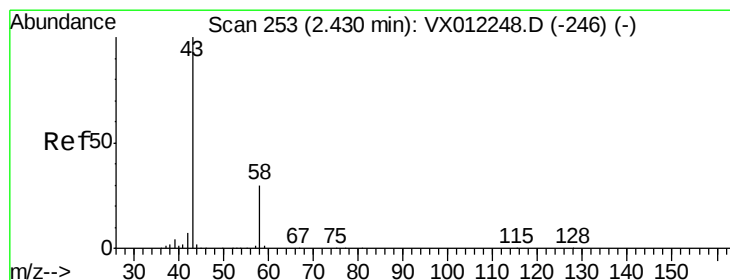
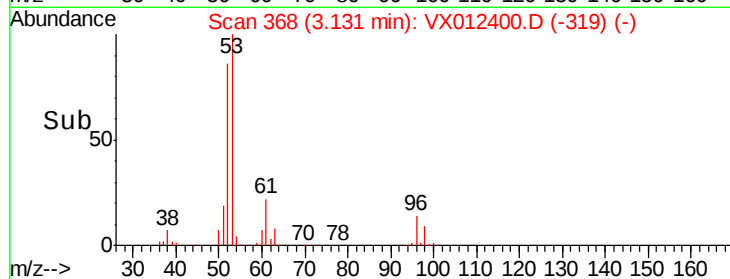
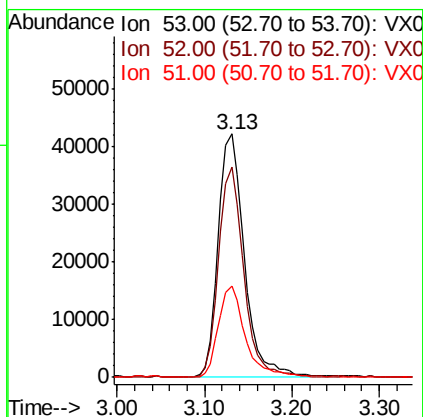
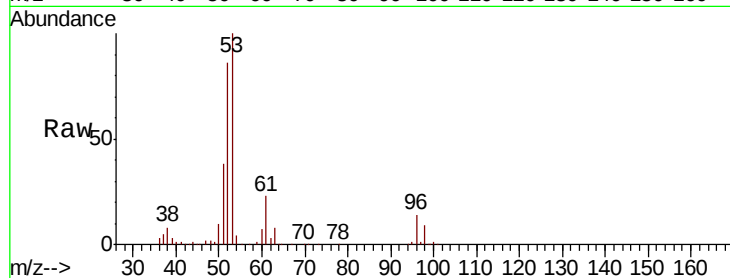




#15
 Acrylonitrile
 Concen: 261.816 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

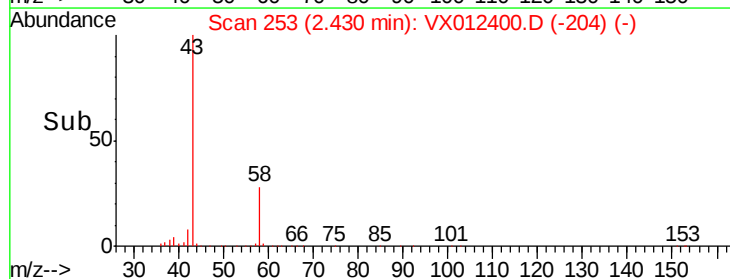
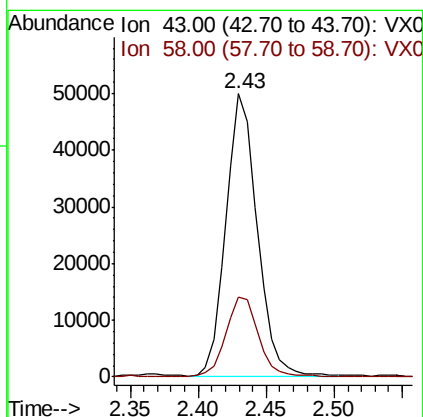
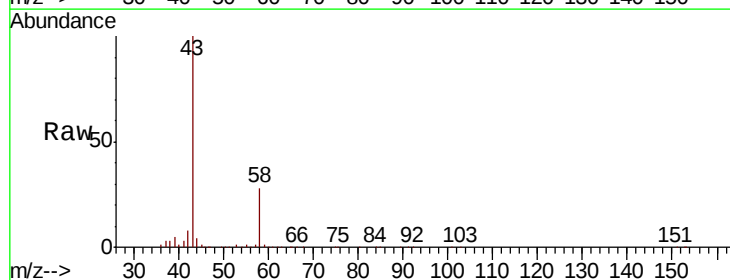
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

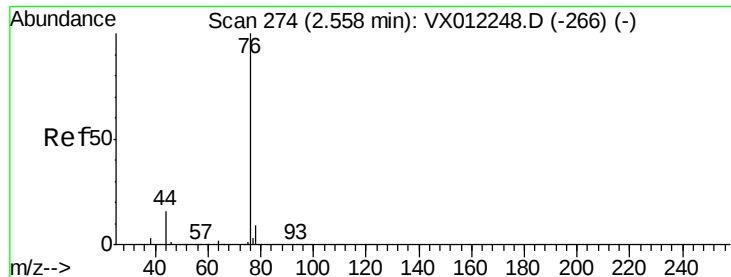
Tgt Ion: 53 Resp: 88069
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.8 100.2
 51 39.0 30.7 46.1



#16
 Acetone
 Concen: 196.928 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 43 Resp: 79478
 Ion Ratio Lower Upper
 43 100
 58 27.9 23.6 35.4





#17

Carbon Disulfide

Concen: 40.288 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

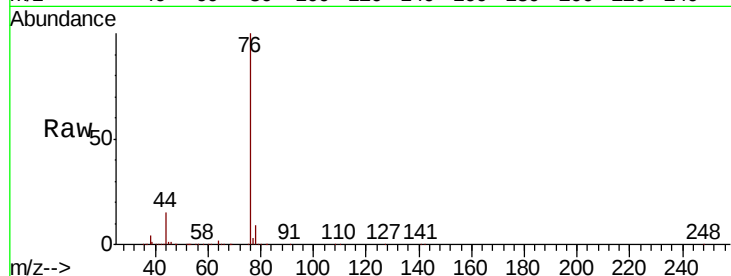
VSTDCCC050

Tgt Ion: 76 Resp: 77196

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

50000

40000

30000

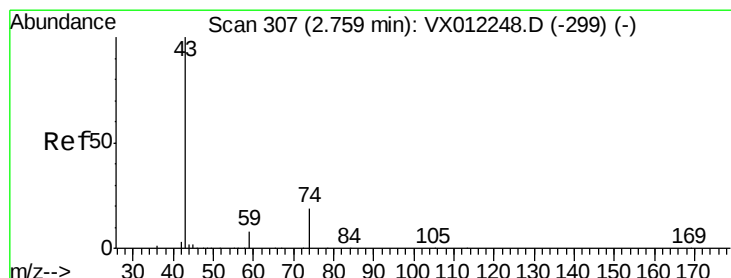
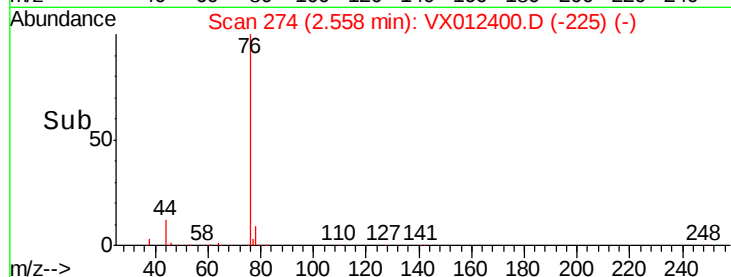
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 53.031 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX012400.D

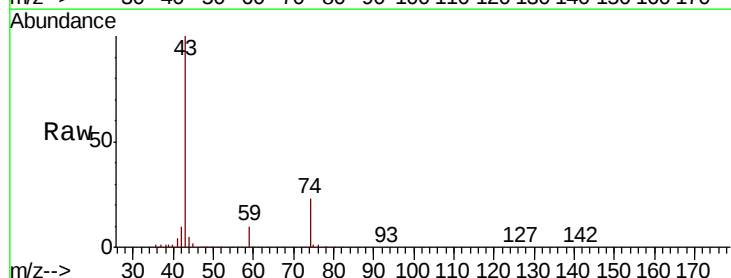
Acq: 13 Sep 2019 21:54

Tgt Ion: 43 Resp: 44986

Ion Ratio Lower Upper

43 100

74 23.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

25000

20000

15000

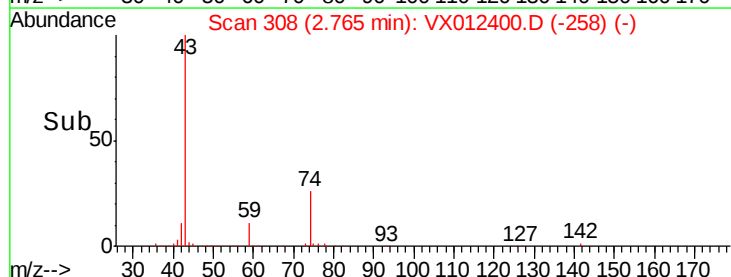
10000

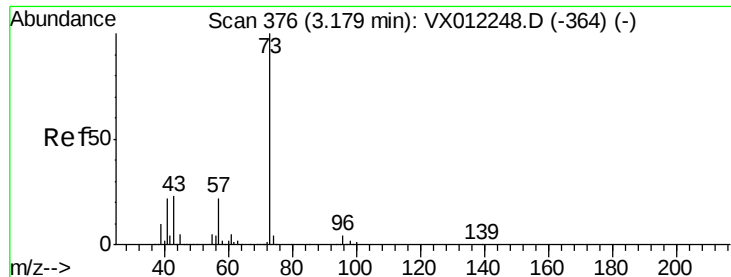
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



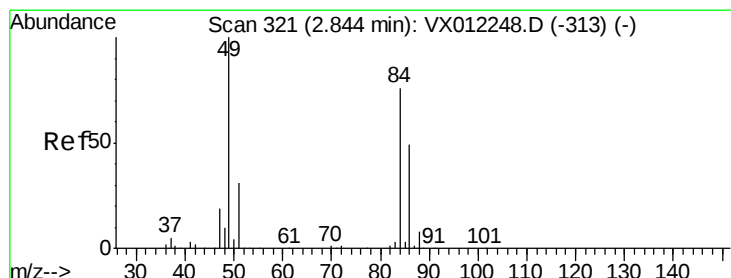
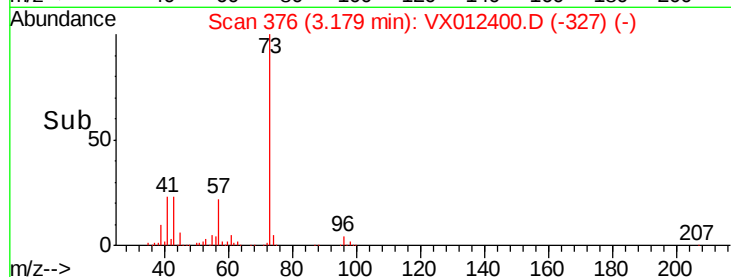
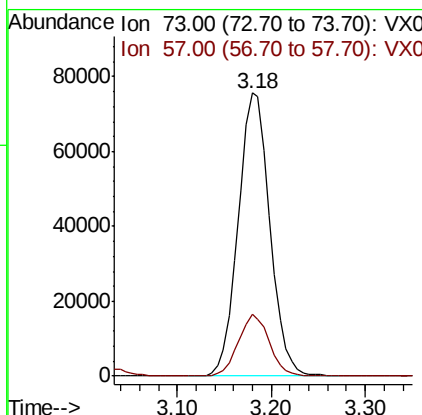
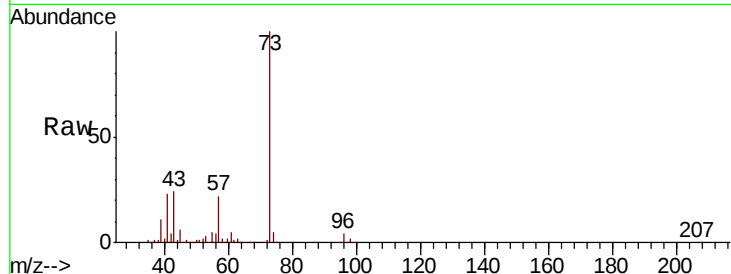


#19

Methyl tert-butyl Ether
 Concen: 49.411 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

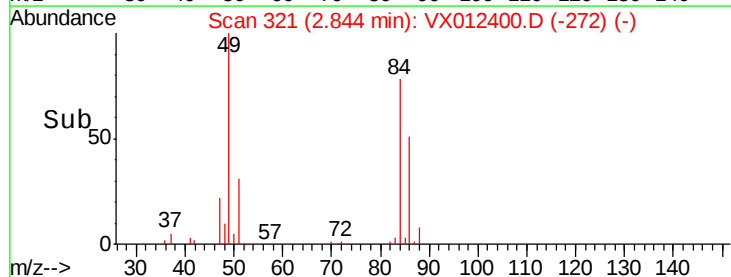
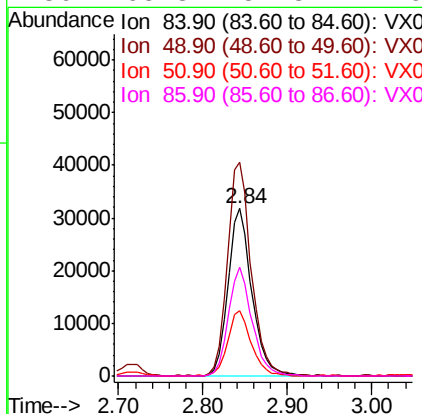
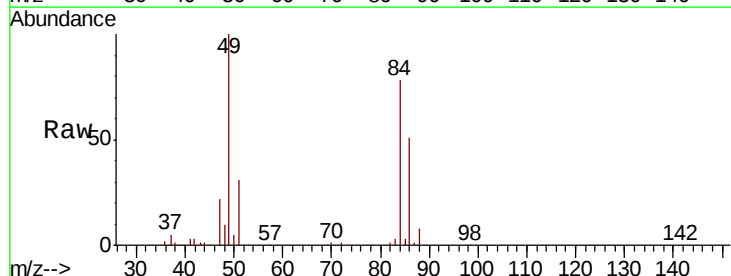
Tgt Ion: 73 Resp: 178048
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5

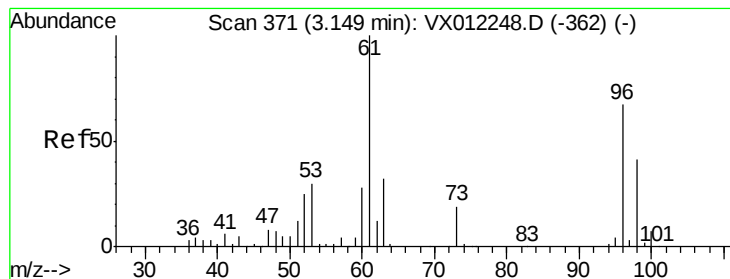


#20

Methylene Chloride
 Concen: 48.526 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 84 Resp: 61199
 Ion Ratio Lower Upper
 84 100
 49 127.3 105.0 157.6
 51 39.1 32.6 48.8
 86 65.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 45.746 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

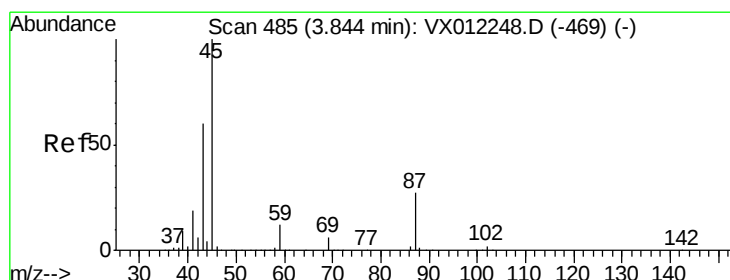
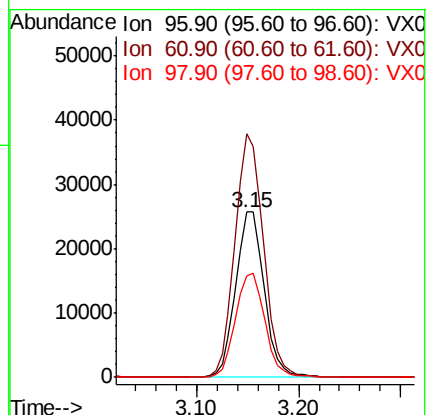
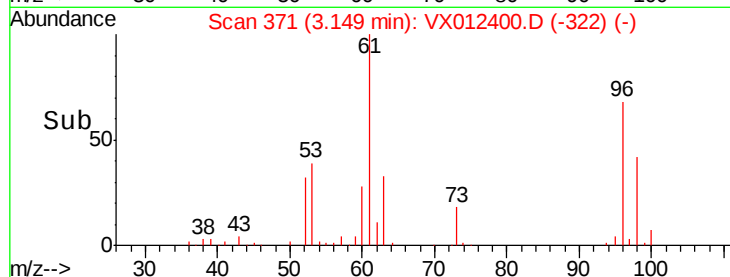
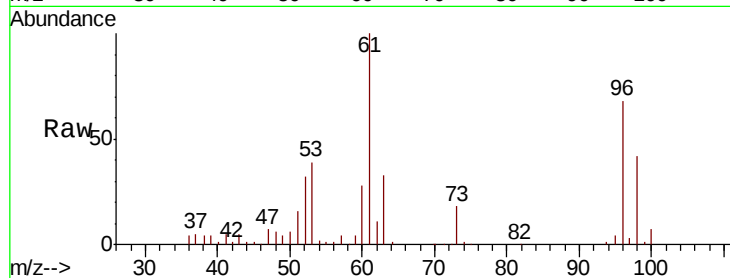
Tgt Ion: 96 Resp: 49801

Ion Ratio Lower Upper

96 100

61 147.2 119.4 179.2

98 61.8 48.4 72.6



#22

Diisopropyl ether

Concen: 49.335 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion: 45 Resp: 209898

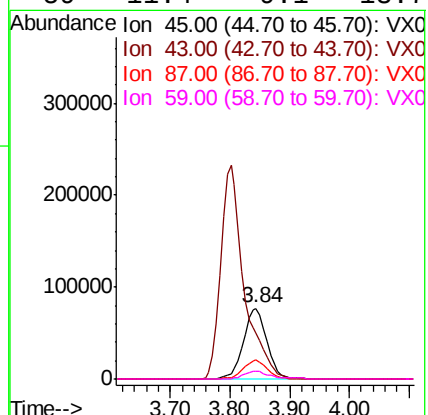
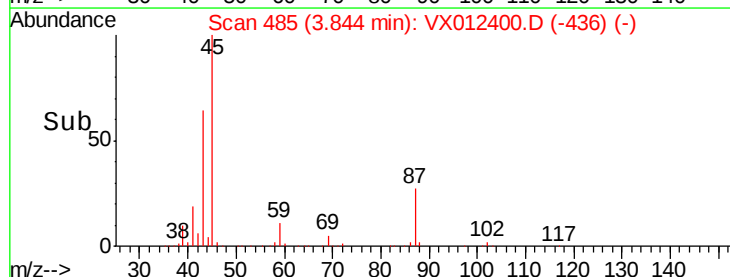
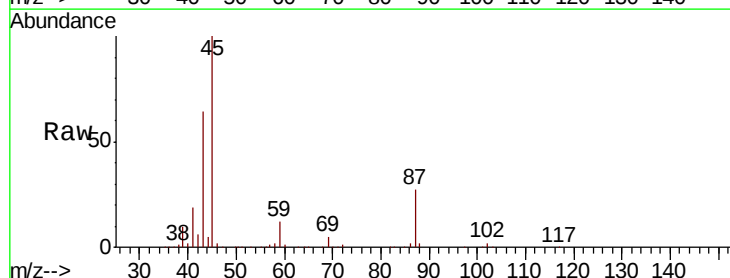
Ion Ratio Lower Upper

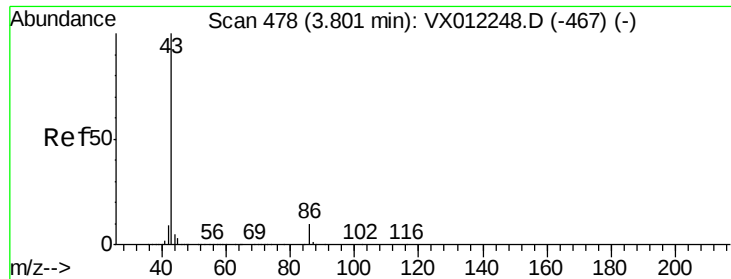
45 100

43 64.3 48.3 72.5

87 26.7 21.8 32.8

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 242.635 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

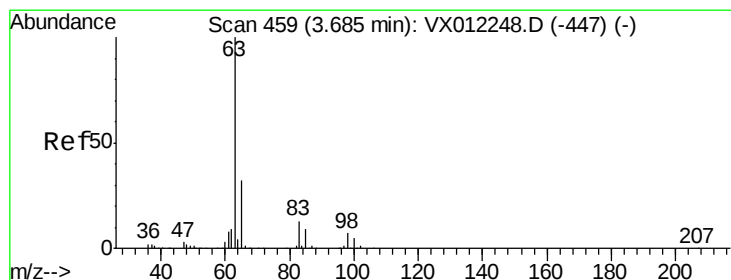
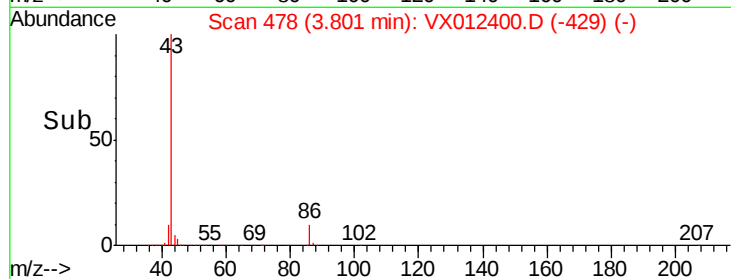
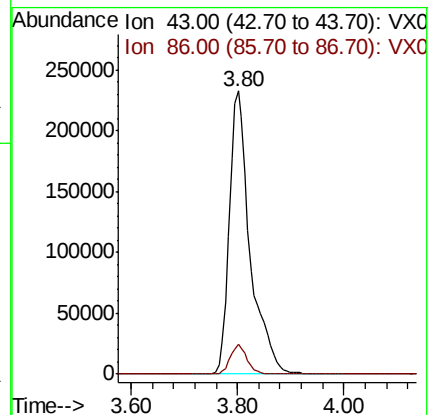
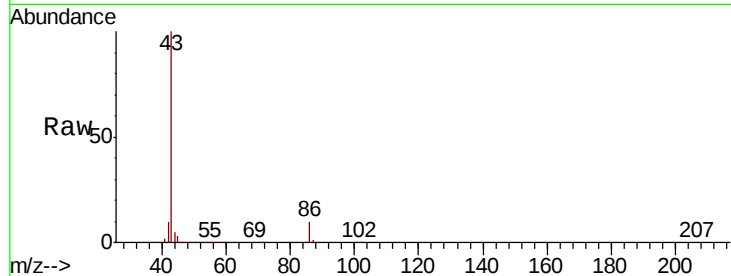
VSTDCCC050

Tgt Ion: 43 Resp: 633355

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



#24

1,1-Dichloroethane

Concen: 47.851 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

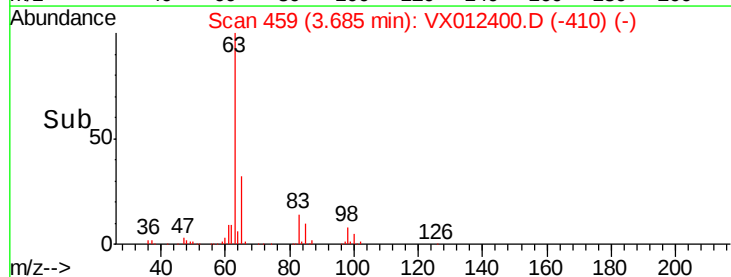
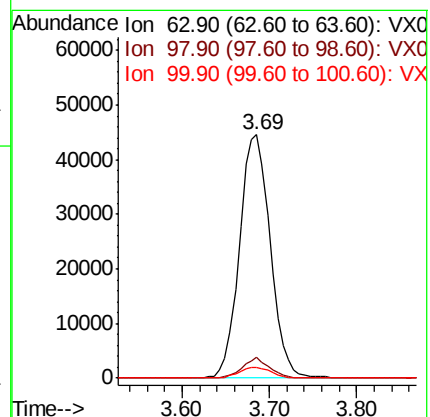
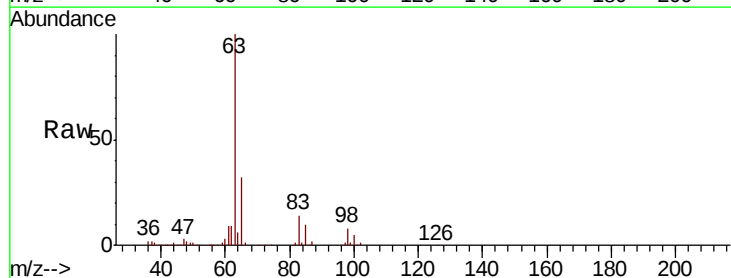
Tgt Ion: 63 Resp: 109048

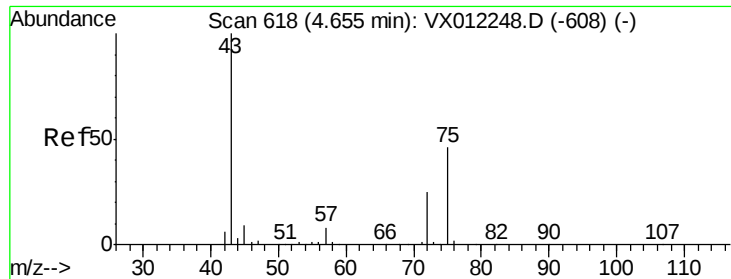
Ion Ratio Lower Upper

63 100

98 8.3 3.4 10.1

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 237.624 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

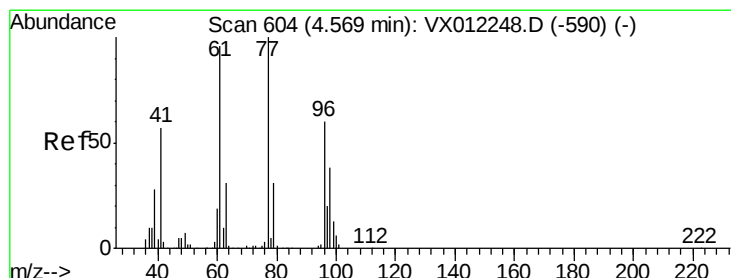
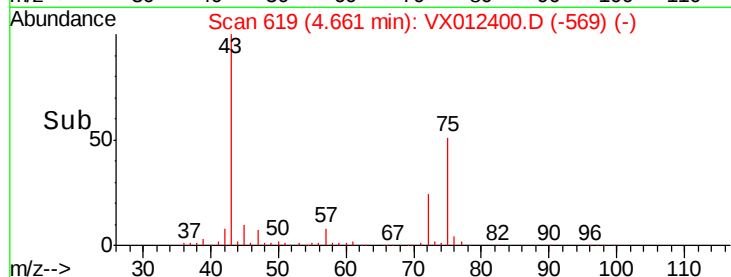
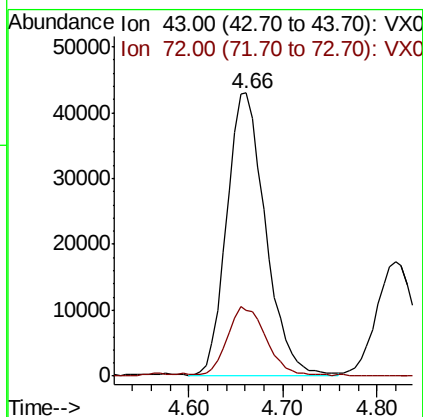
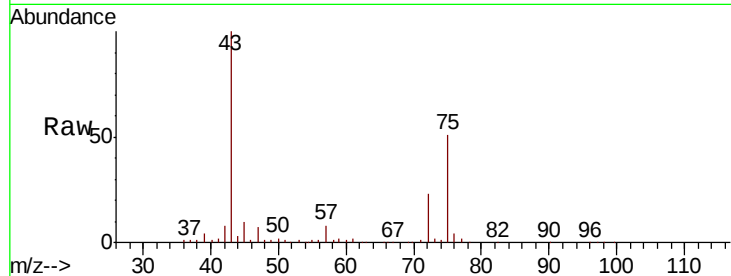
VSTDCCC050

Tgt Ion: 43 Resp: 122597

Ion Ratio Lower Upper

43 100

72 23.0 20.2 30.2



#26

2,2-Dichloropropane

Concen: 39.350 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012400.D

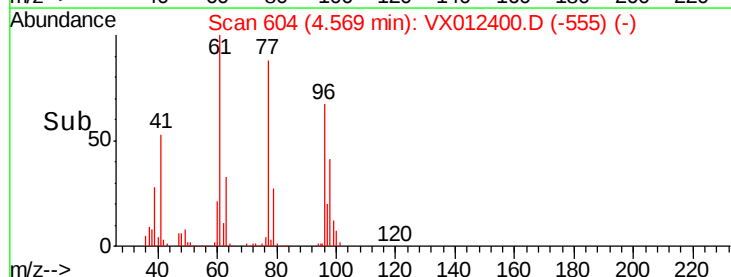
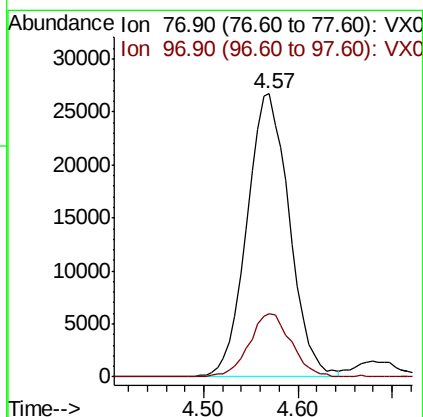
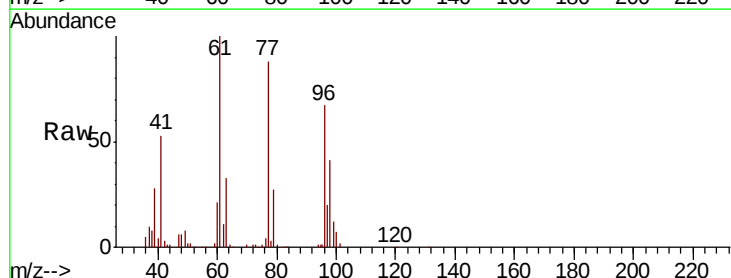
Acq: 13 Sep 2019 21:54

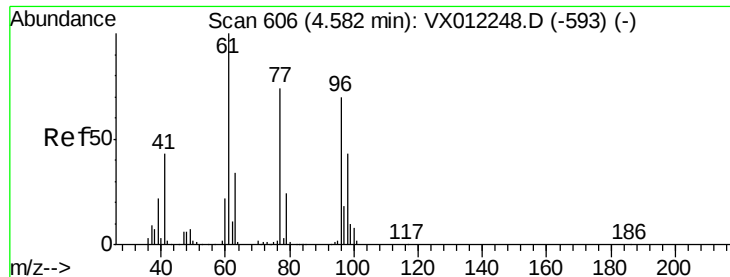
Tgt Ion: 77 Resp: 84192

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1



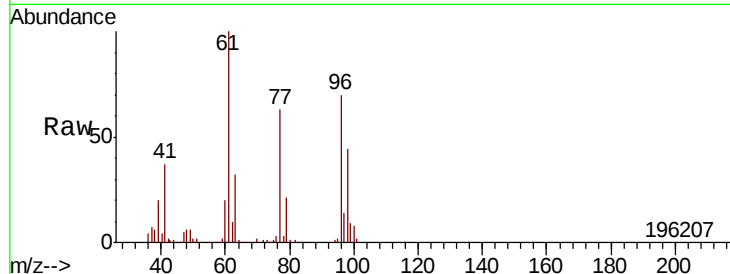


#27

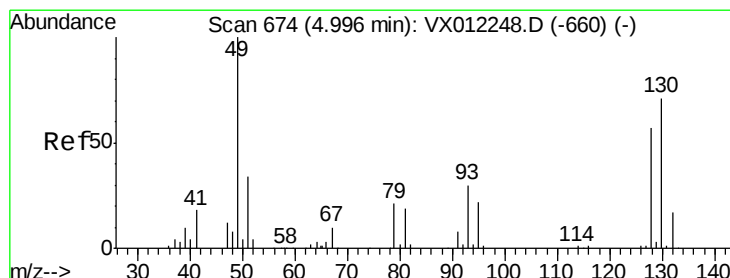
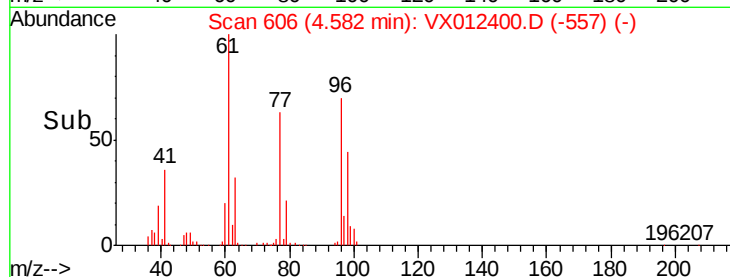
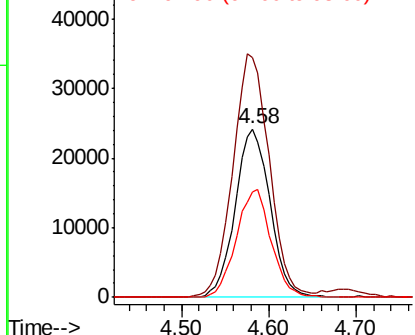
cis-1,2-Dichloroethene
Concen: 47.860 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 67267
Ion Ratio Lower Upper
96 100
61 150.6 0.0 310.4
98 63.6 0.0 128.8



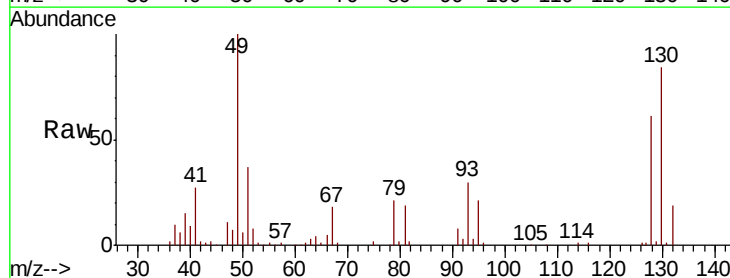
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



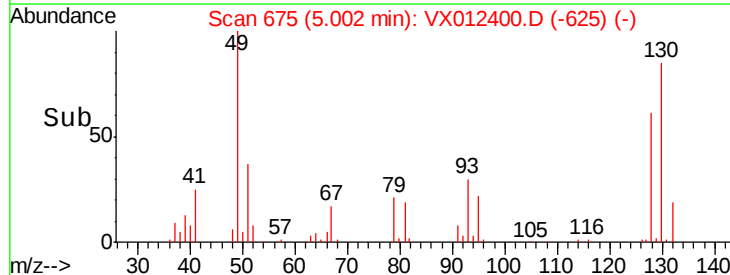
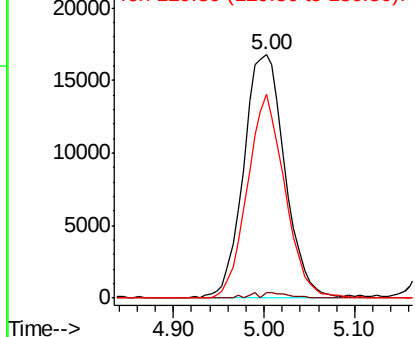
#28

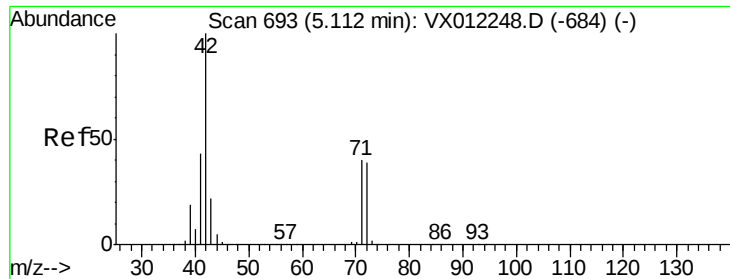
Bromochloromethane
Concen: 49.415 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 49 Resp: 52815
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.2
130 76.2 60.1 90.1



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

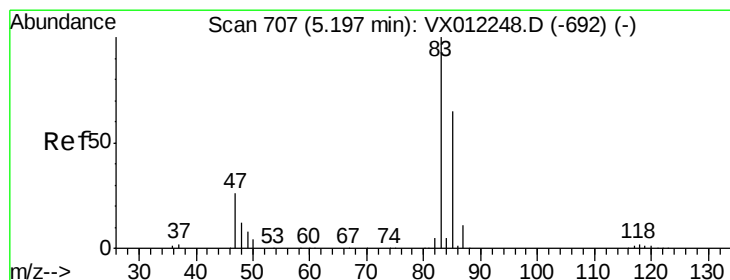
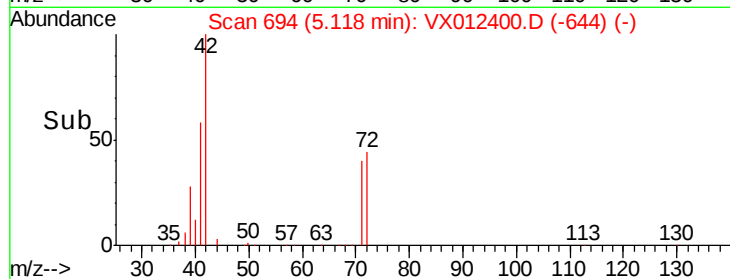
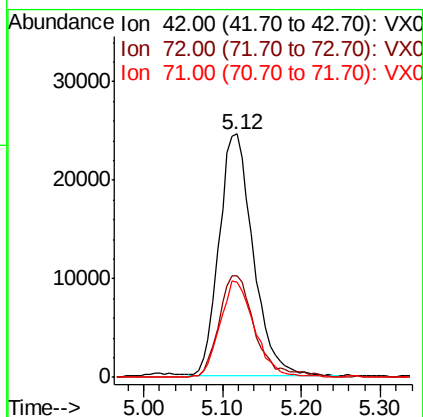
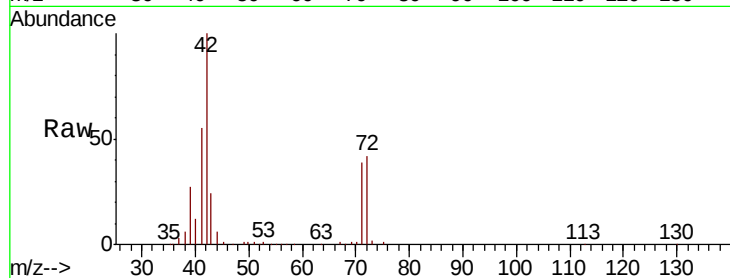




#29
Tetrahydrofuran
Concen: 264.903 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

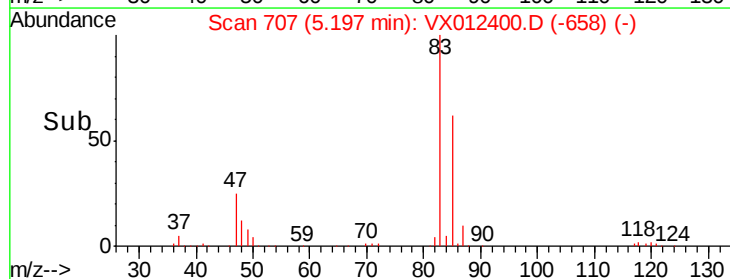
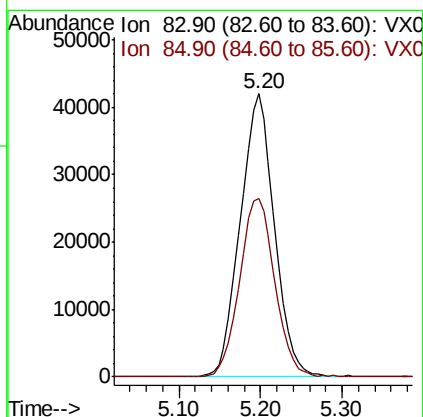
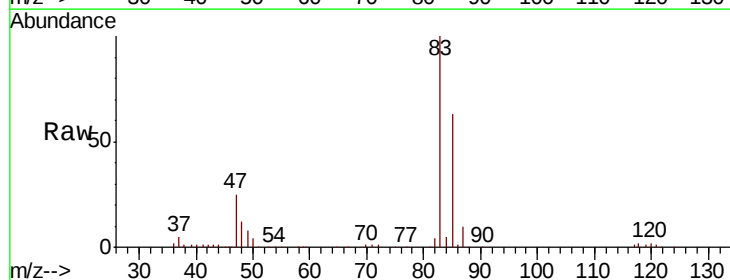
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

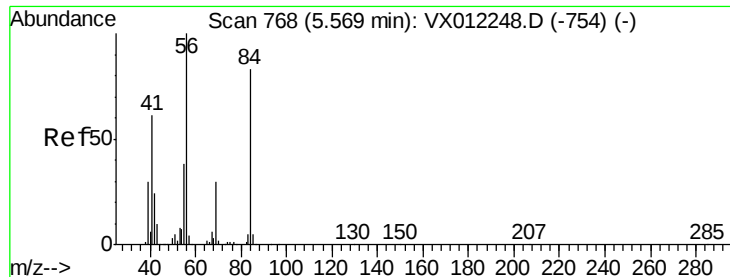
Tgt Ion: 42 Resp: 73740
Ion Ratio Lower Upper
42 100
72 44.7 35.2 52.8
71 40.4 32.5 48.7



#30
Chloroform
Concen: 47.539 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 83 Resp: 122166
Ion Ratio Lower Upper
83 100
85 63.0 52.3 78.5

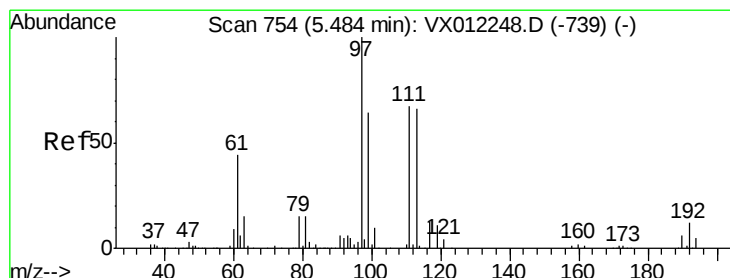
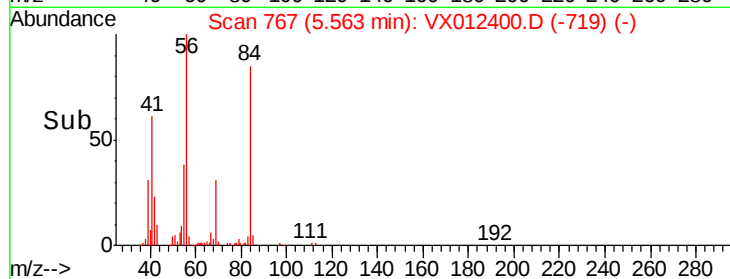
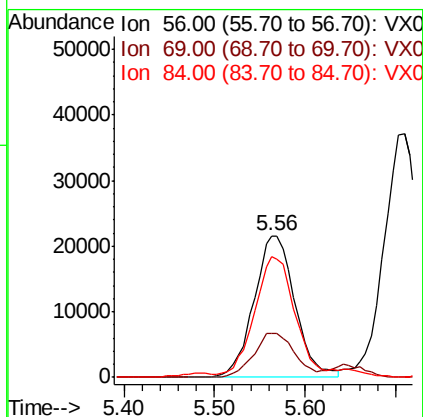
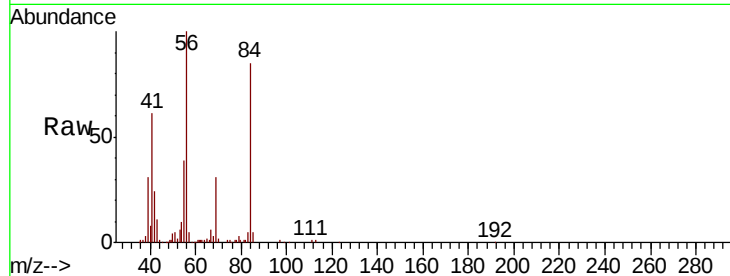




#31
Cyclohexane
Concen: 42.609 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

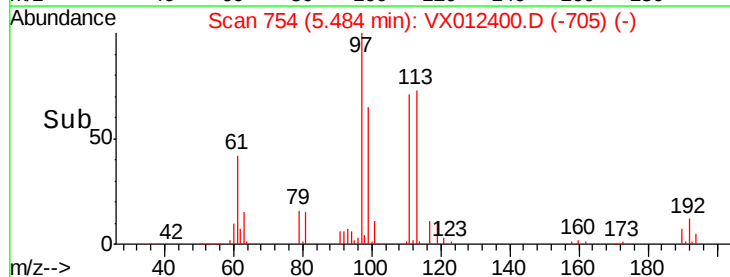
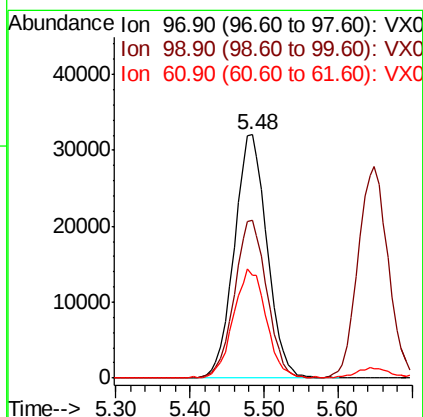
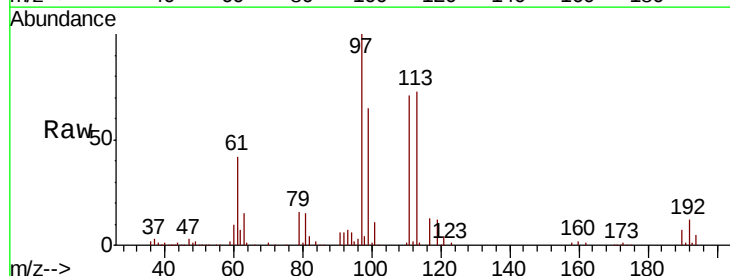
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

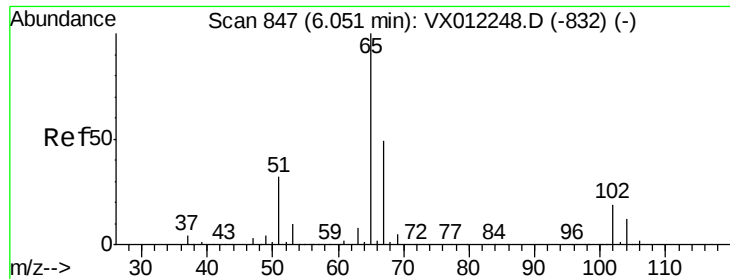
Tgt Ion: 56 Resp: 67451
Ion Ratio Lower Upper
56 100
69 31.3 23.8 35.6
84 82.5 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 44.797 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 97 Resp: 98849
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.0 35.4 53.0

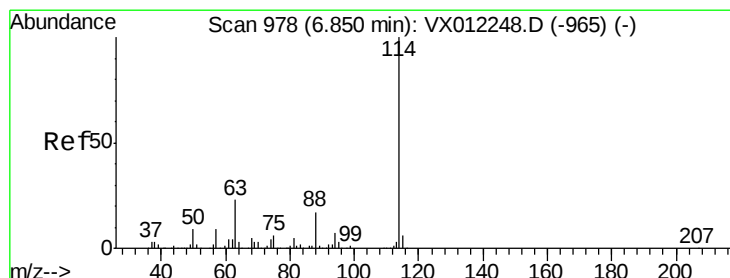
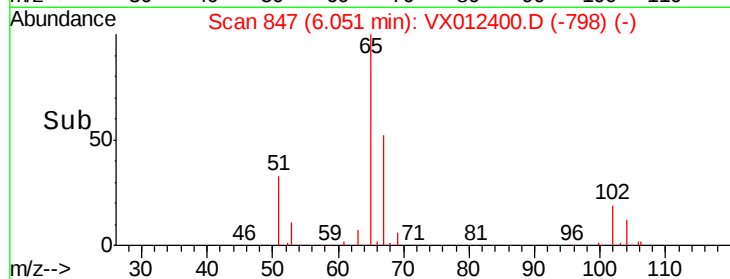
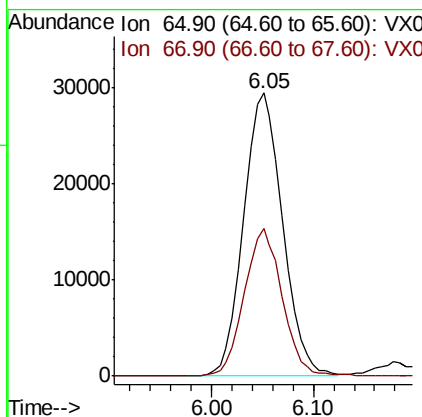
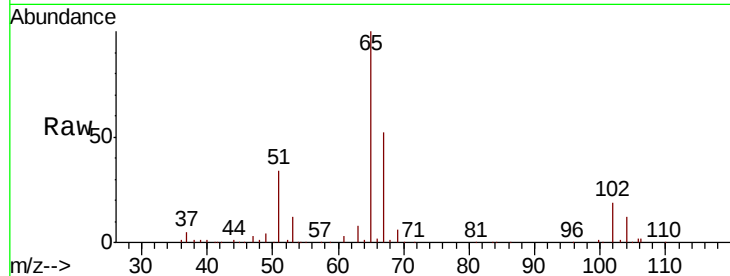




#33
 1,2-Dichloroethane-d4
 Concen: 46.027 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

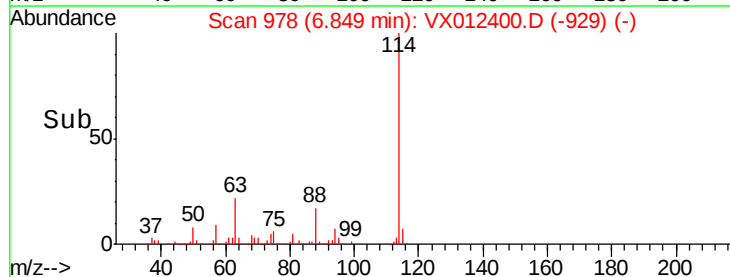
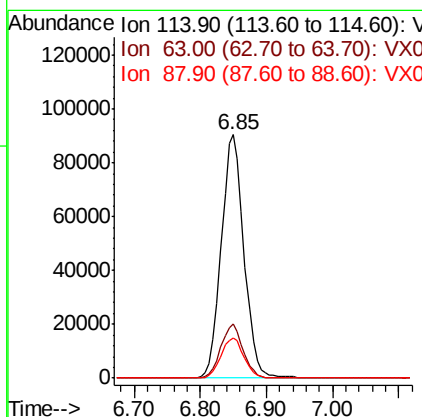
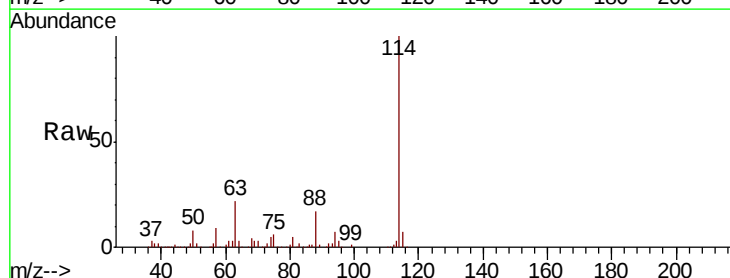
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

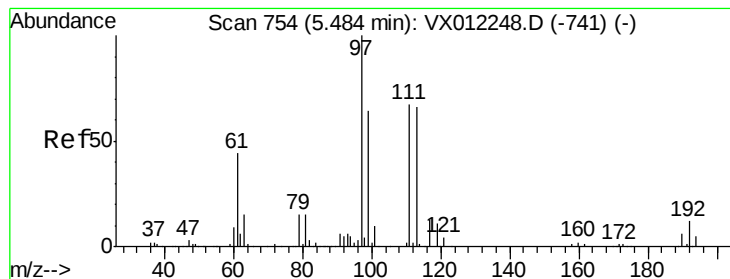
Tgt Ion: 65 Resp: 78470
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 114 Resp: 214332
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 16.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.053 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

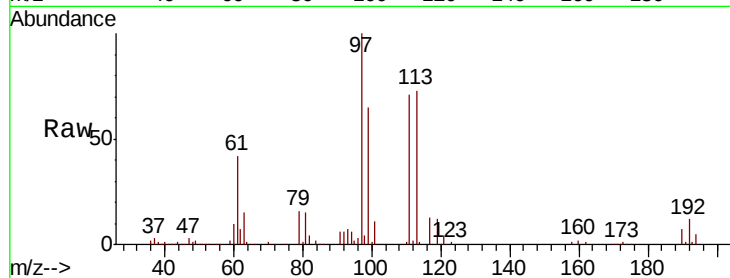
Tgt Ion:113 Resp: 64649

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

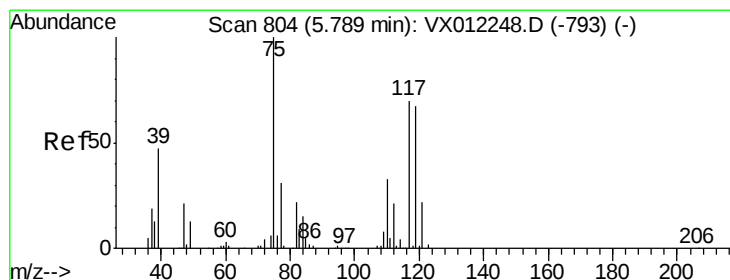
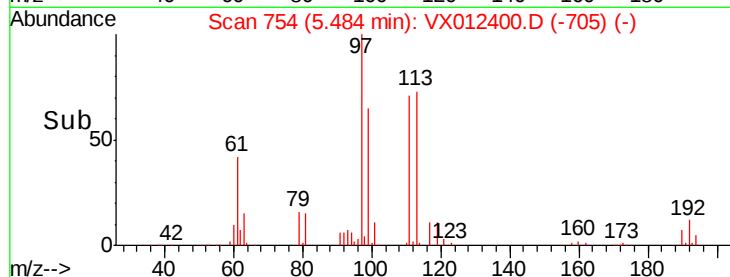
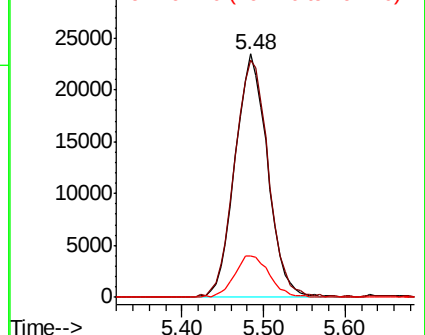
192 18.5 14.3 21.5



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: 45.274 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

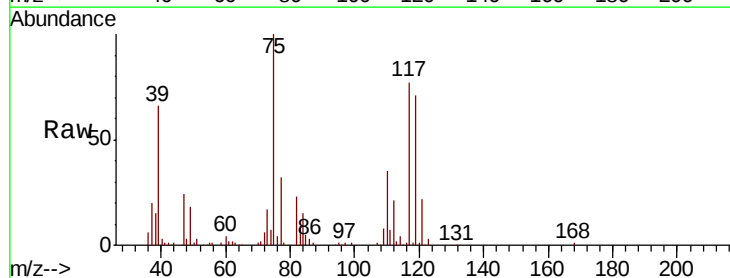
Tgt Ion: 75 Resp: 70756

Ion Ratio Lower Upper

75 100

110 35.2 16.8 50.4

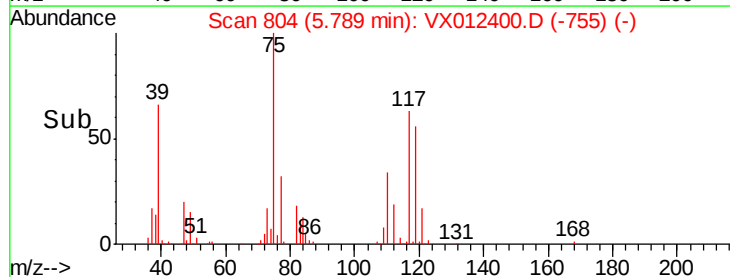
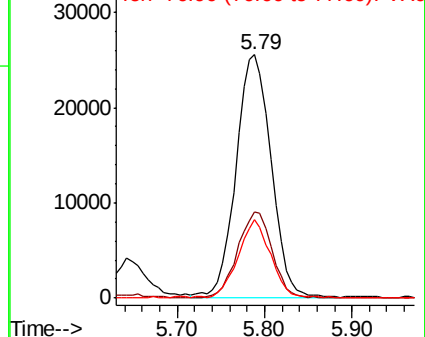
77 29.4 24.5 36.7

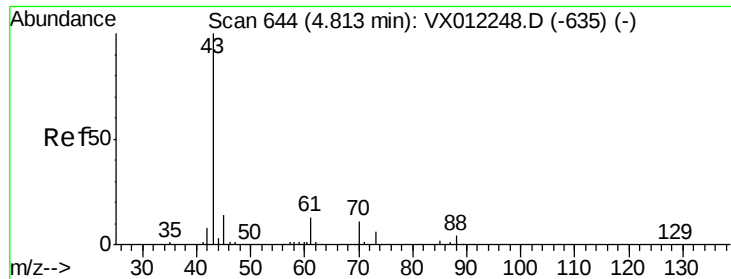


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

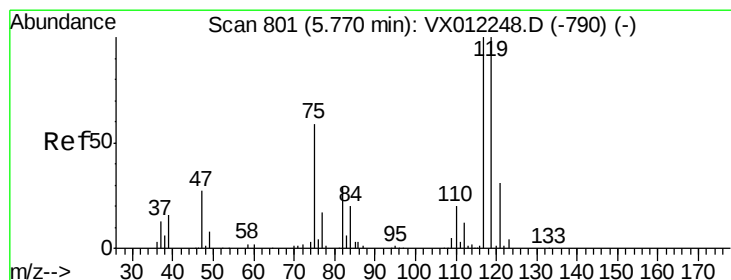
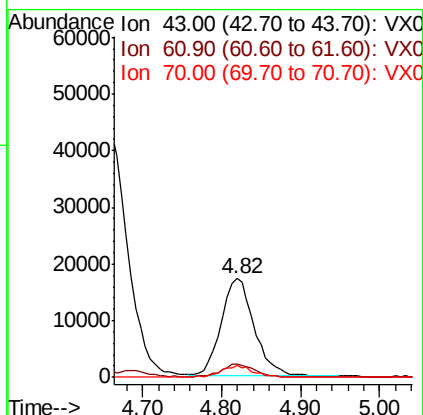
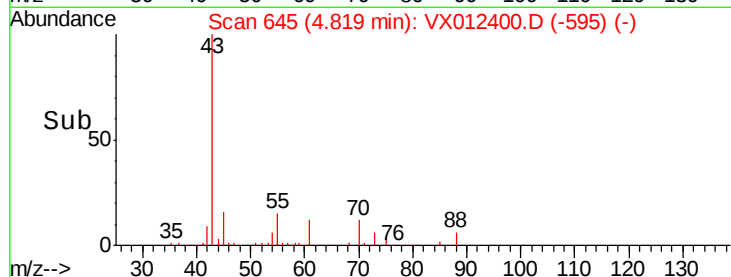
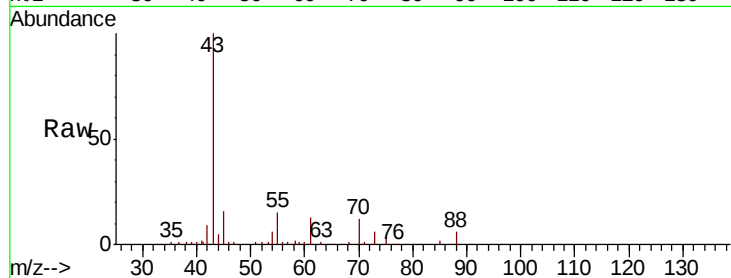




#37
Ethyl Acetate
Concen: 52.245 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

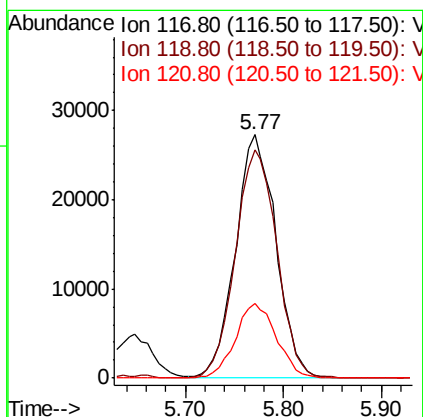
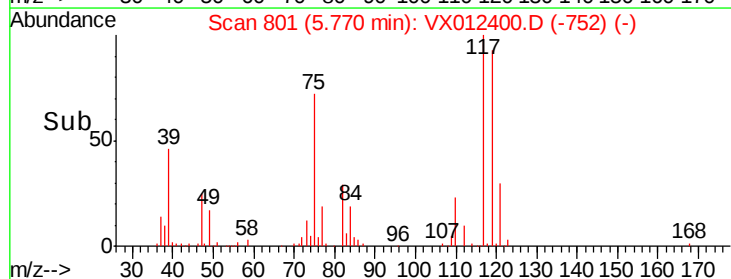
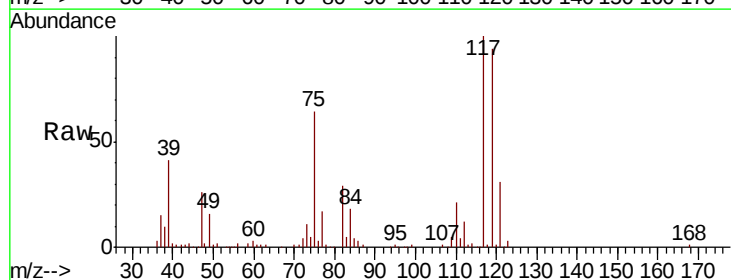
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

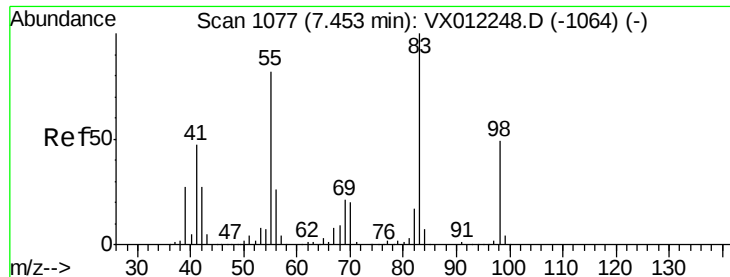
Tgt Ion: 43 Resp: 50473
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 42.406 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 117 Resp: 77756
Ion Ratio Lower Upper
117 100
119 93.7 79.6 119.4
121 30.6 24.7 37.1

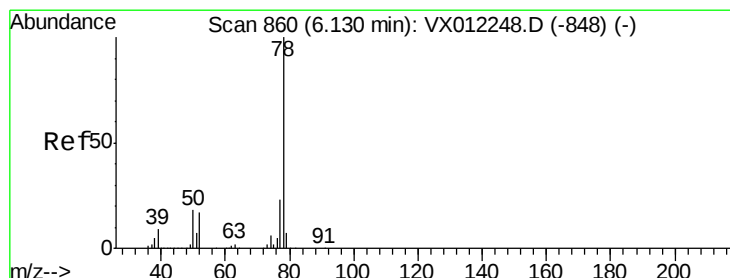
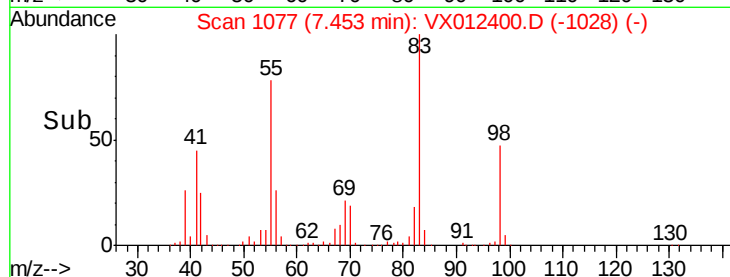
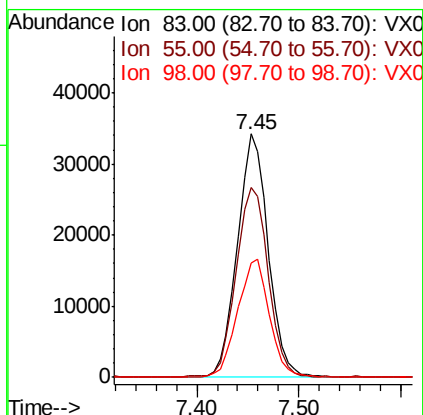
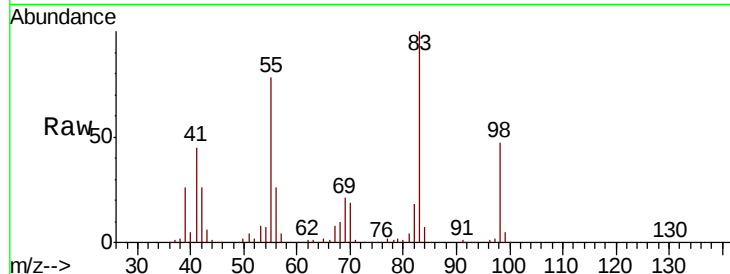




#39
Methylcyclohexane
Concen: 41.837 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

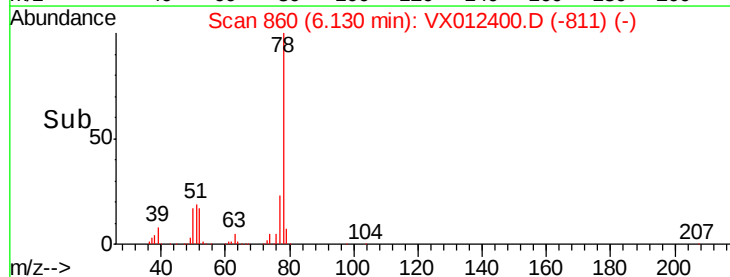
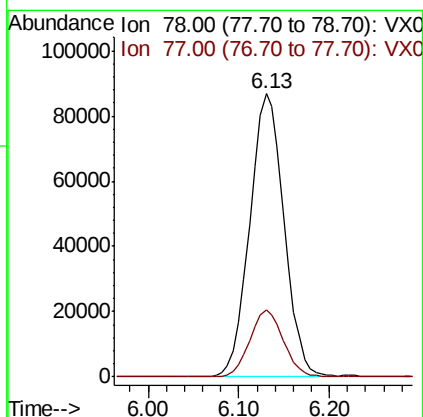
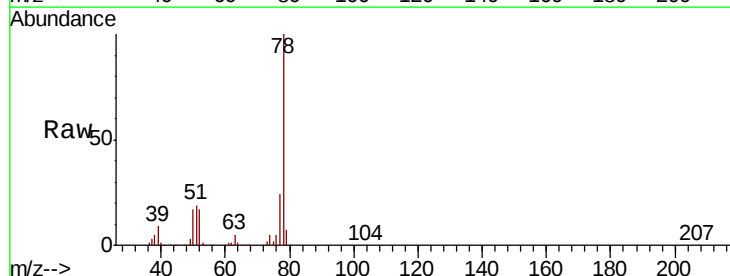
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

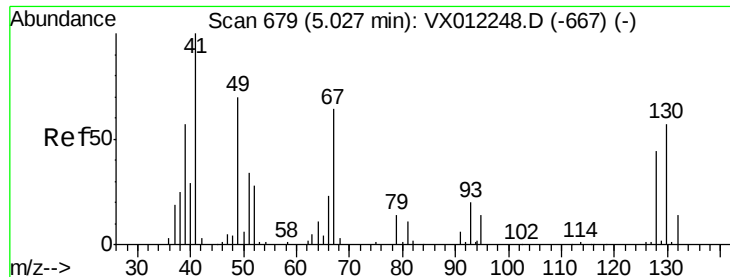
Tgt Ion: 83 Resp: 71754
Ion Ratio Lower Upper
83 100
55 77.7 65.4 98.2
98 47.0 39.6 59.4



#40
Benzene
Concen: 47.926 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 78 Resp: 226693
Ion Ratio Lower Upper
78 100
77 23.9 18.0 27.0

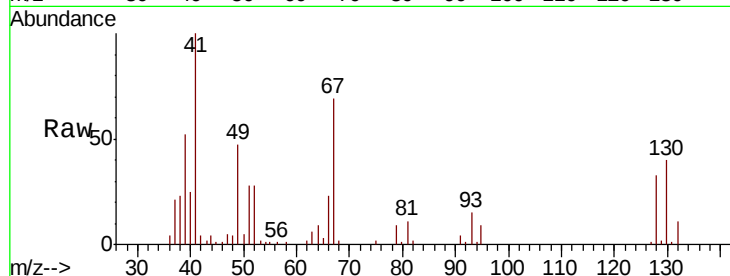




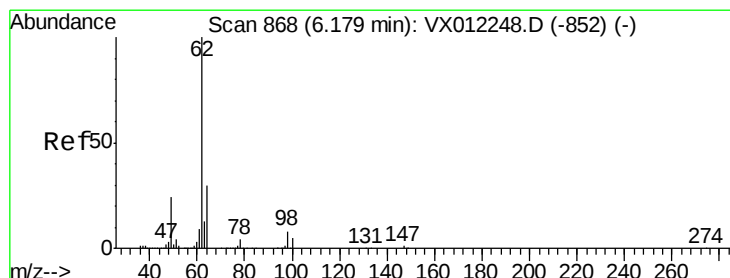
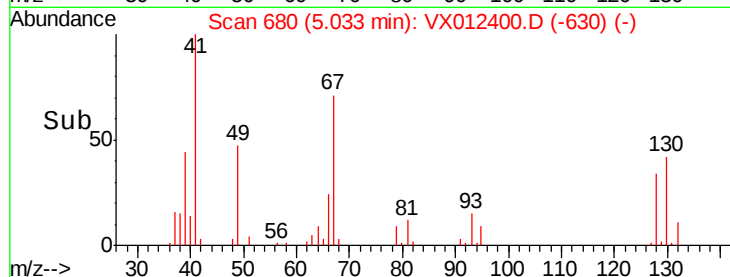
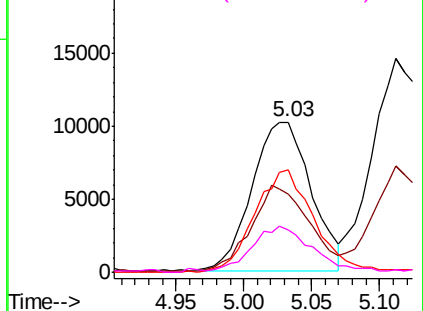
#41
Methacrylonitrile
Concen: 51.678 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 30778
Ion Ratio Lower Upper
41 100
39 56.5 49.0 73.4
67 70.1 55.0 82.4
52 32.5 25.4 38.0

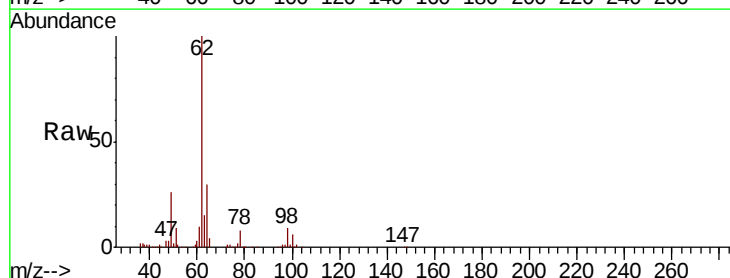


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

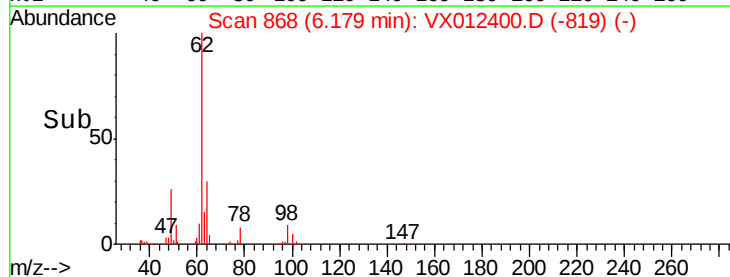
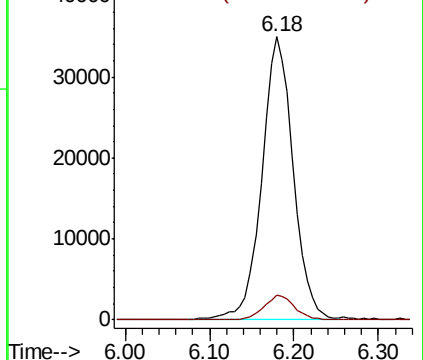


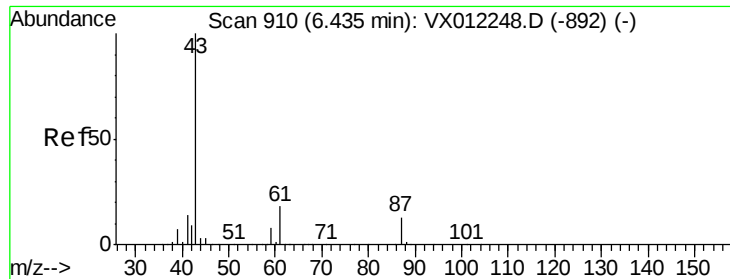
#42
1,2-Dichloroethane
Concen: 48.066 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 62 Resp: 89859
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2



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





#43

Isopropyl Acetate

Concen: 49.049 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

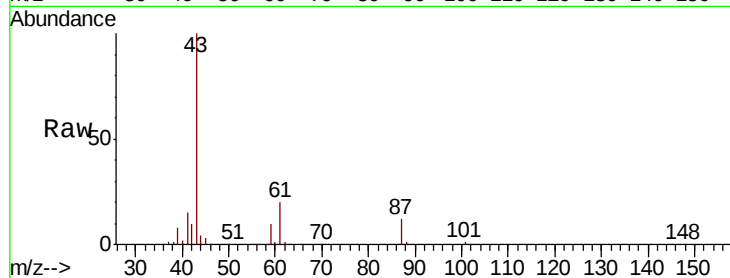
Tgt Ion: 43 Resp: 99904

Ion Ratio Lower Upper

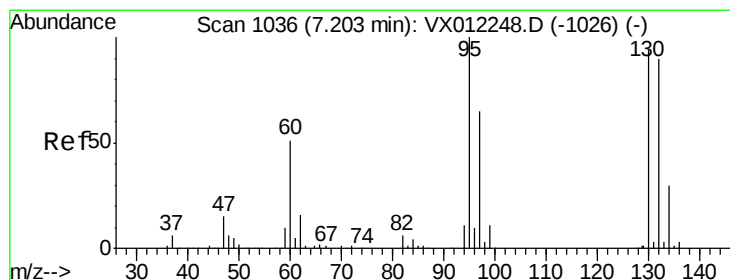
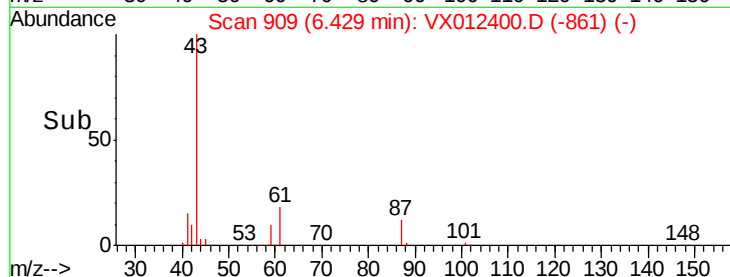
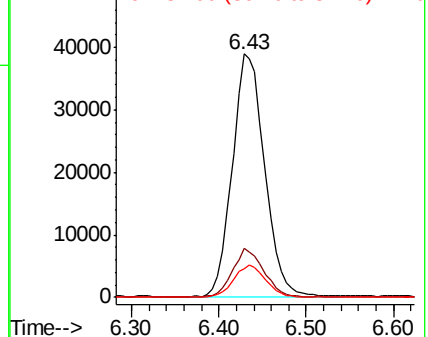
43 100

61 19.4 15.4 23.2

87 13.1 10.5 15.7



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



#44

Trichloroethene

Concen: 46.779 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012400.D

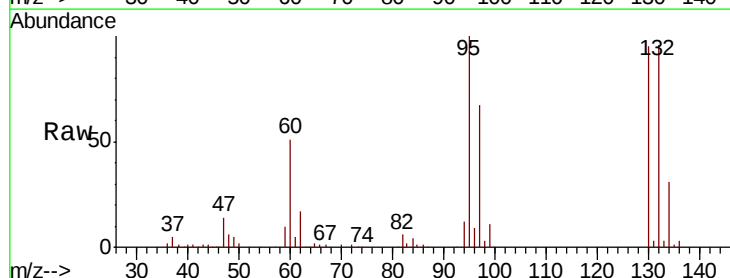
Acq: 13 Sep 2019 21:54

Tgt Ion: 130 Resp: 59881

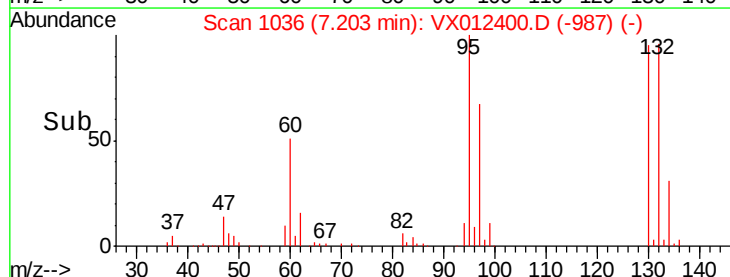
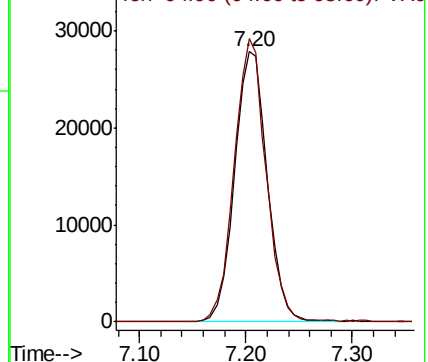
Ion Ratio Lower Upper

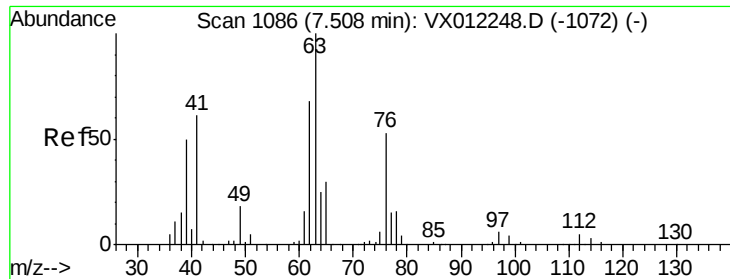
130 100

95 104.8 0.0 212.0



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

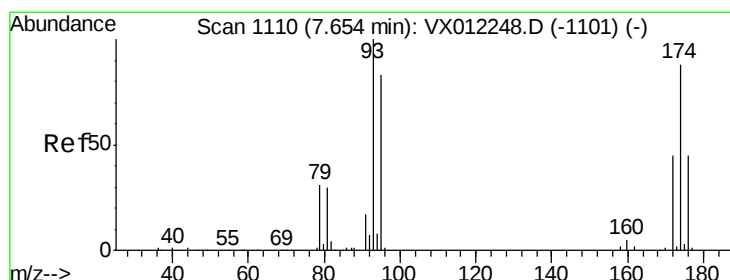
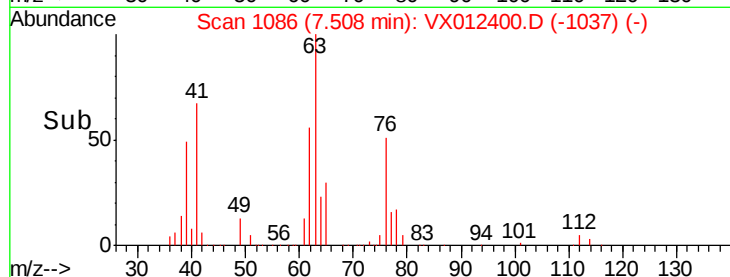
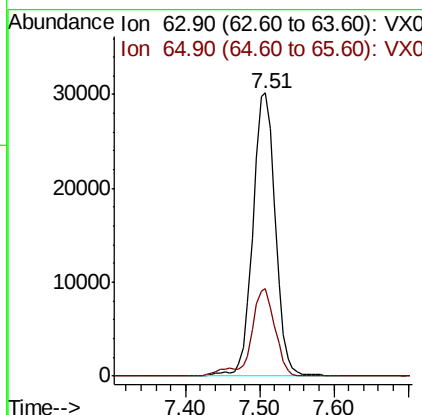
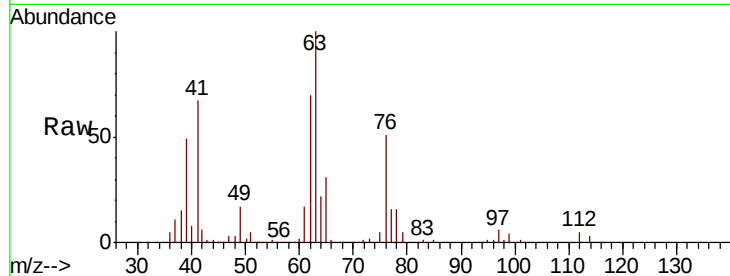




#45
 1,2-Dichloropropane
 Concen: 49.034 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

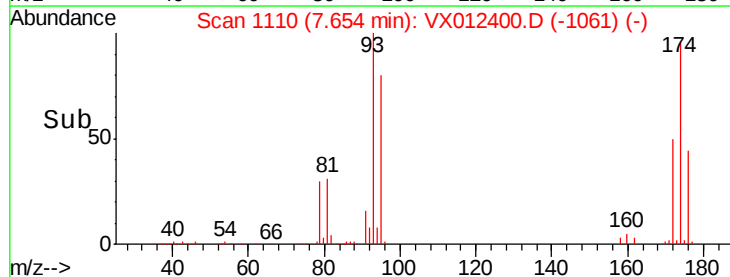
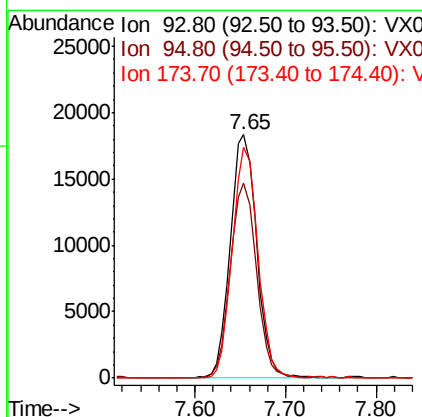
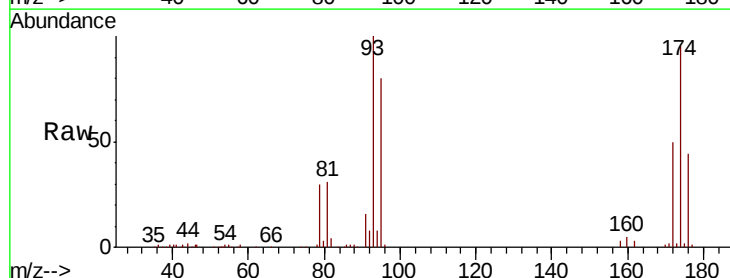
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

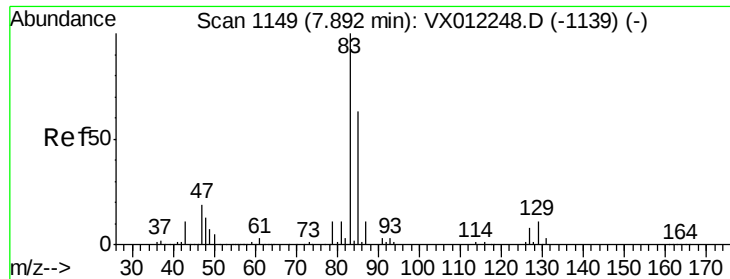
Tgt Ion: 63 Resp: 64199
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 52.148 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 93 Resp: 37315
 Ion Ratio Lower Upper
 93 100
 95 79.4 65.7 98.5
 174 91.6 71.0 106.4





#47

Bromodichloromethane

Concen: 46.417 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

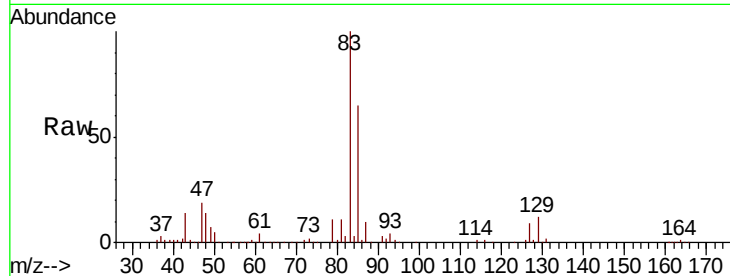
Tgt Ion: 83 Resp: 90642

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.4

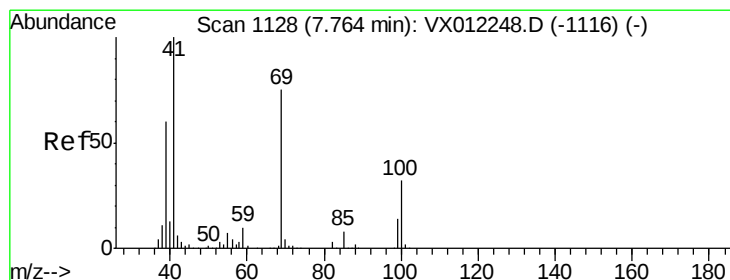
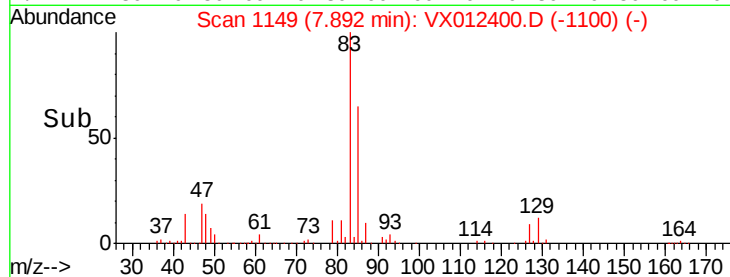
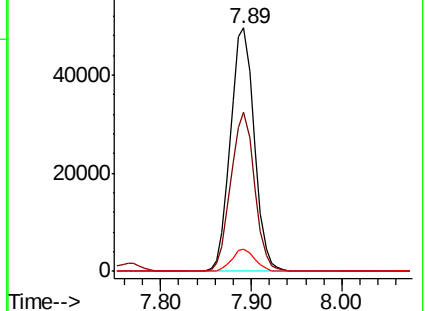
127 9.1 6.3 9.5



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: 49.530 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

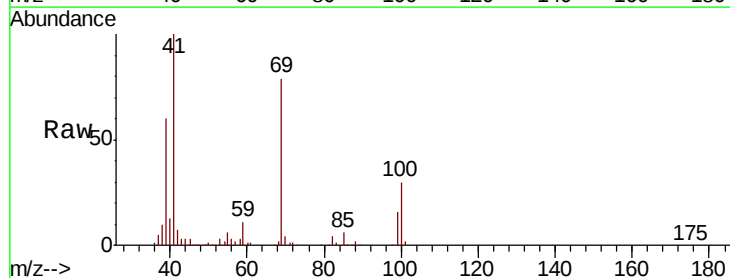
Tgt Ion: 41 Resp: 48289

Ion Ratio Lower Upper

41 100

69 78.1 61.8 92.6

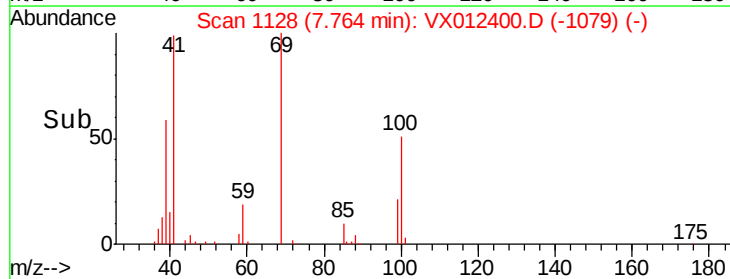
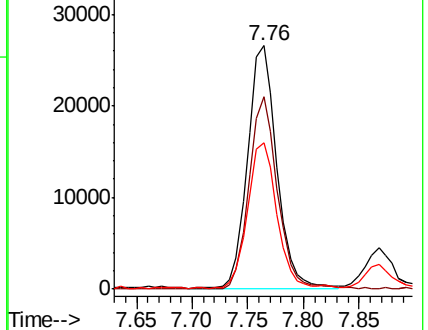
39 60.6 48.6 73.0

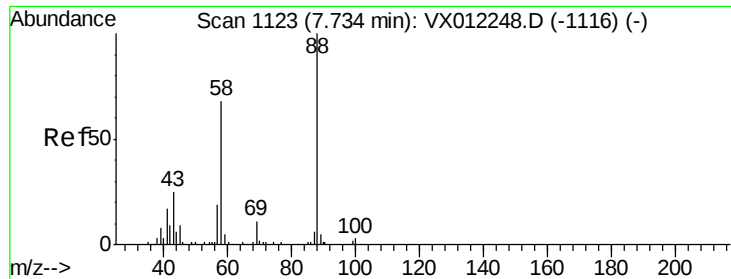


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

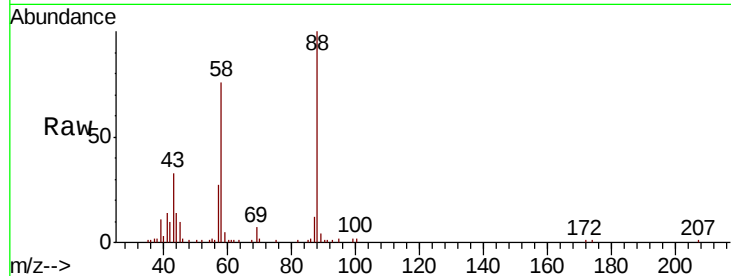




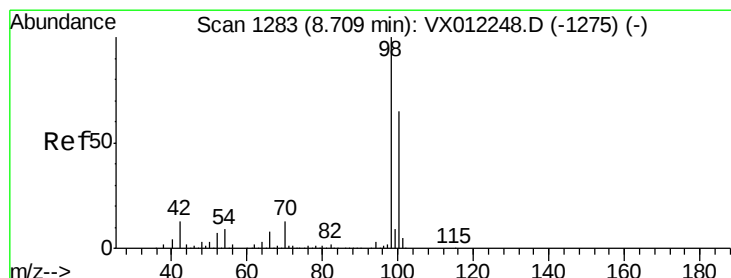
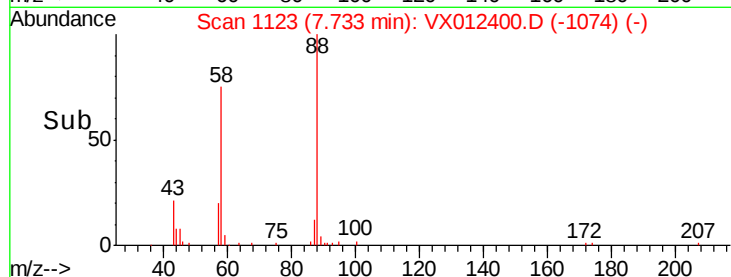
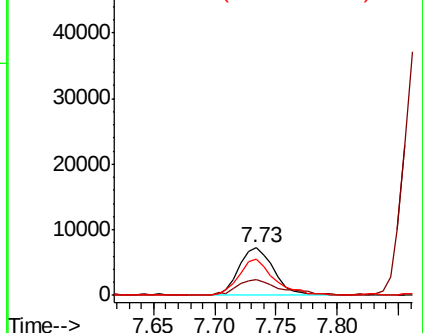
#49
1,4-Dioxane
Concen: 1100.215 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 14474
Ion Ratio Lower Upper
88 100
43 38.2 31.0 46.4
58 76.4 61.5 92.3

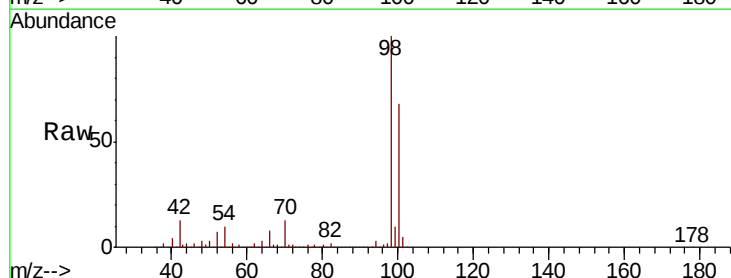


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

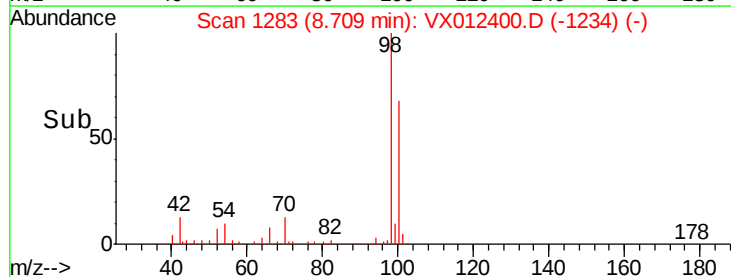
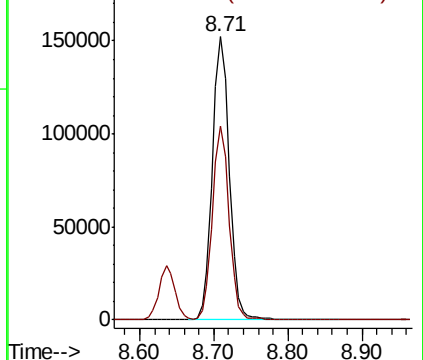


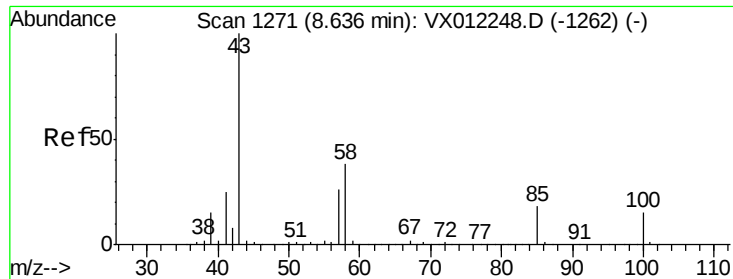
#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 98 Resp: 237690
Ion Ratio Lower Upper
98 100
100 67.4 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 255.238 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

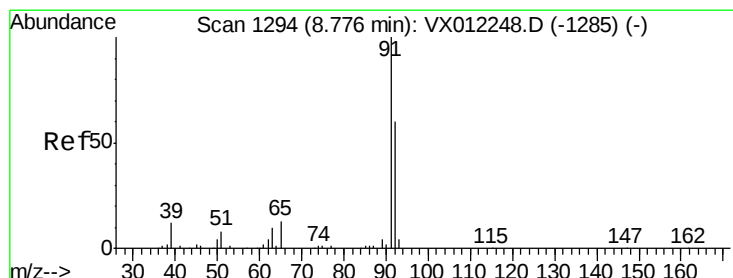
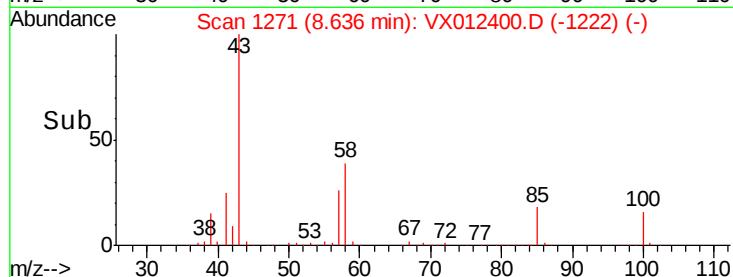
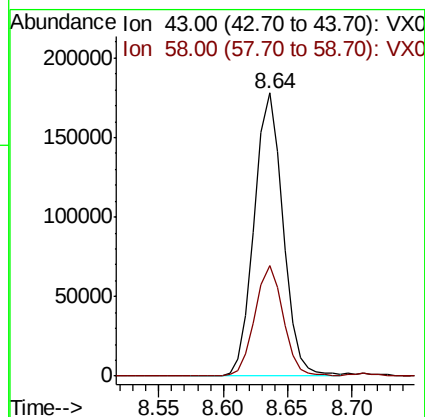
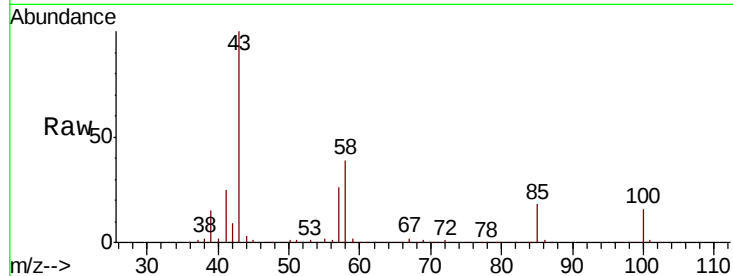
VSTDCCC050

Tgt Ion: 43 Resp: 274376

Ion Ratio Lower Upper

43 100

58 38.2 30.1 45.1



#52

Toluene

Concen: 48.552 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012400.D

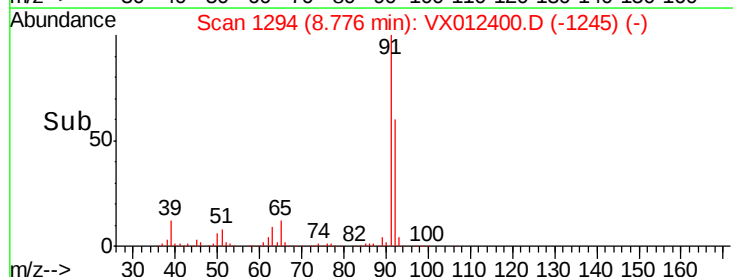
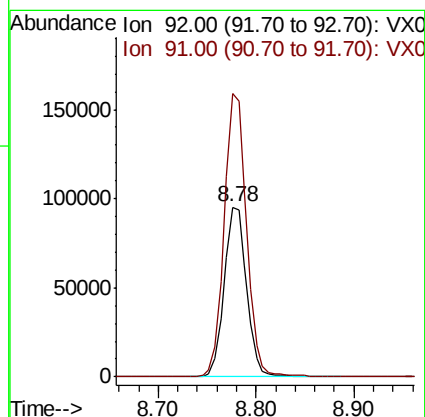
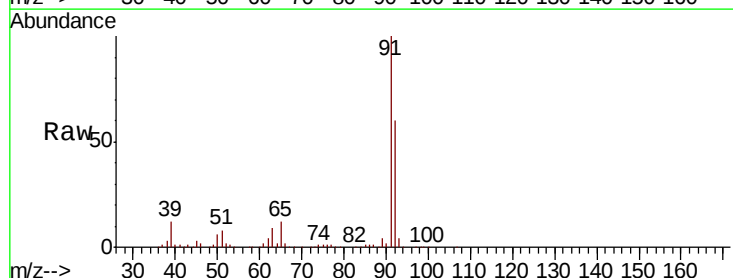
Acq: 13 Sep 2019 21:54

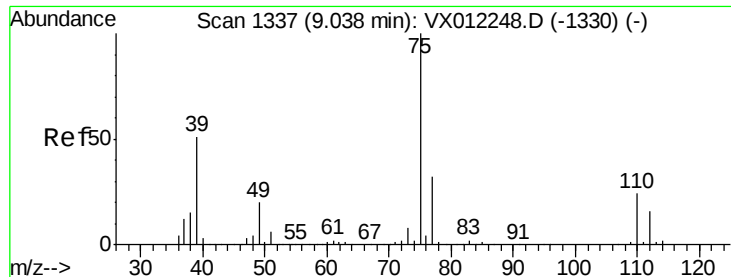
Tgt Ion: 92 Resp: 151688

Ion Ratio Lower Upper

92 100

91 166.5 133.6 200.4

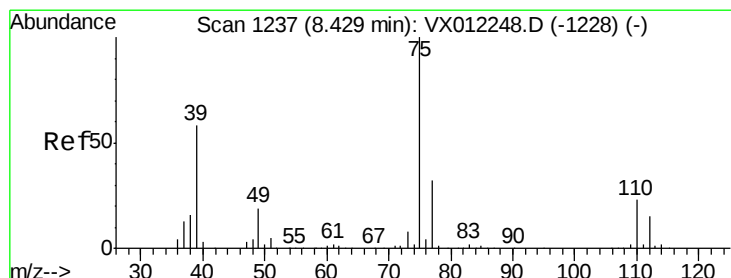
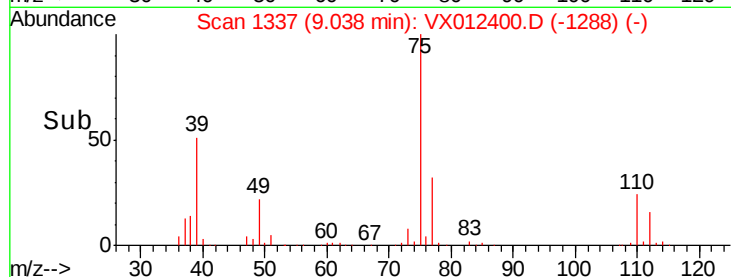
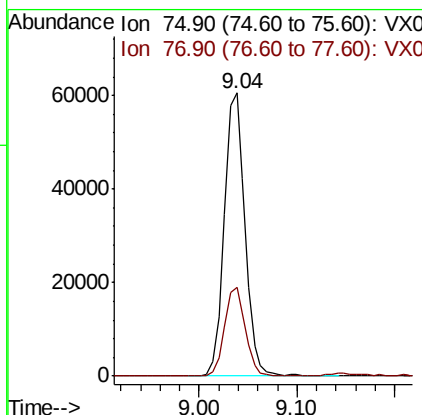
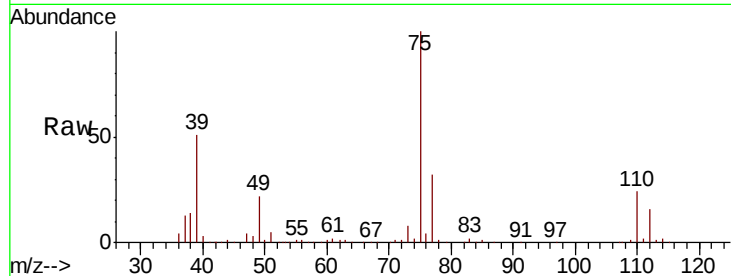




#53
 t-1,3-Dichloropropene
 Concen: 45.562 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

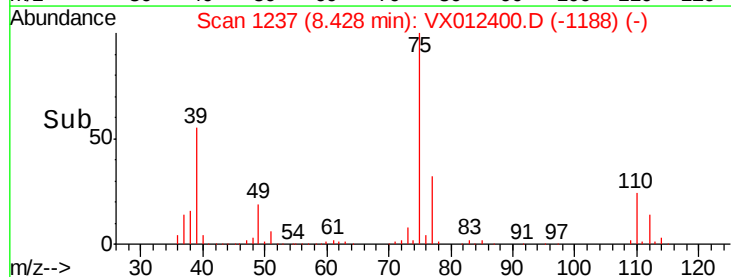
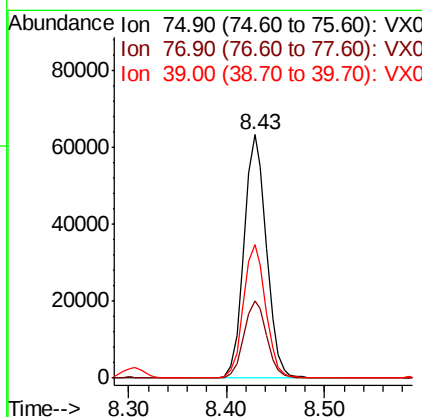
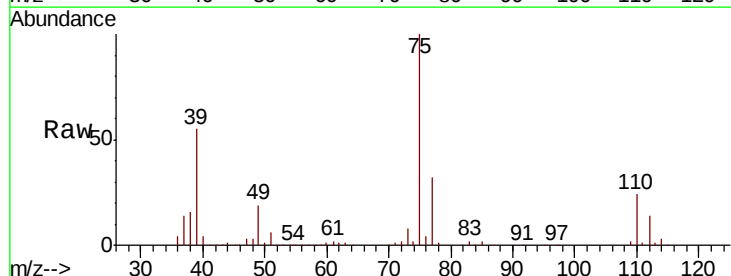
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

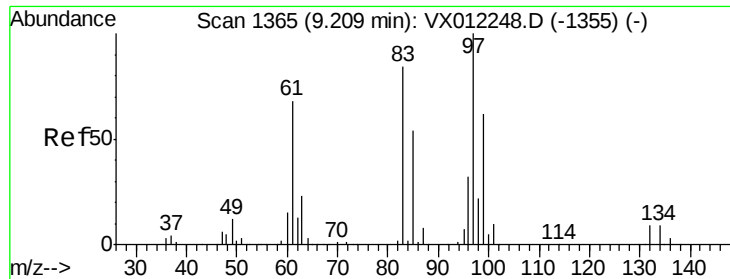
Tgt Ion: 75 Resp: 88803
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 46.651 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 75 Resp: 100825
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 54.8 46.5 69.7

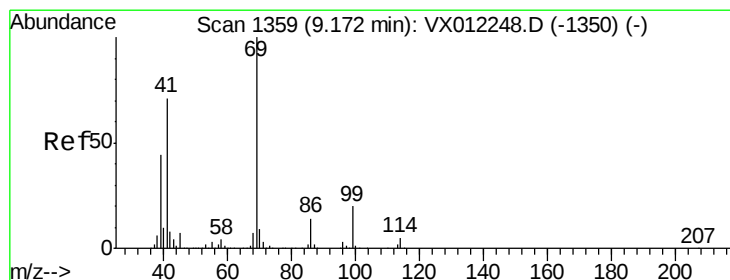
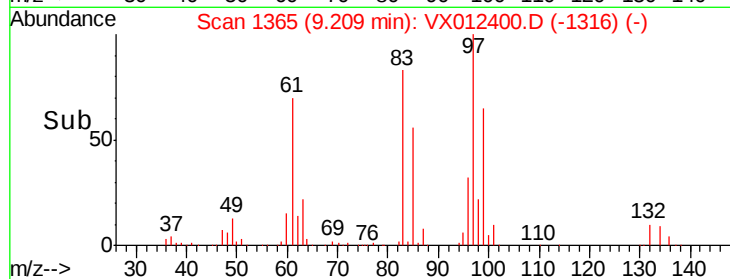
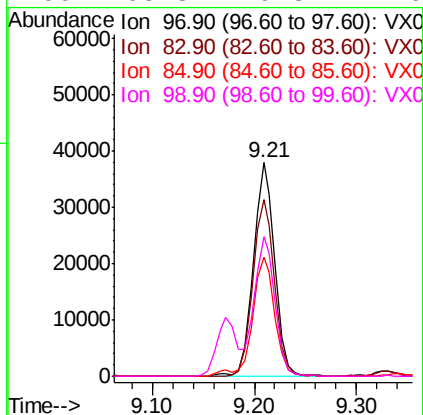
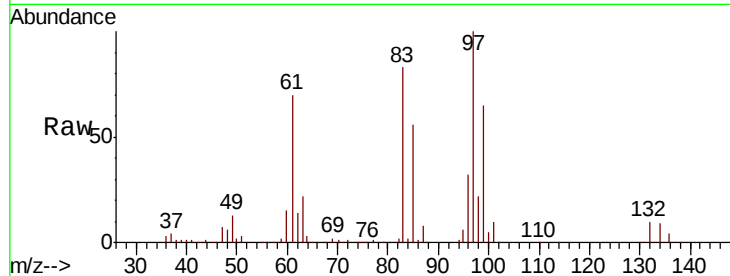




#55
 1,1,2-Trichloroethane
 Concen: 50.111 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

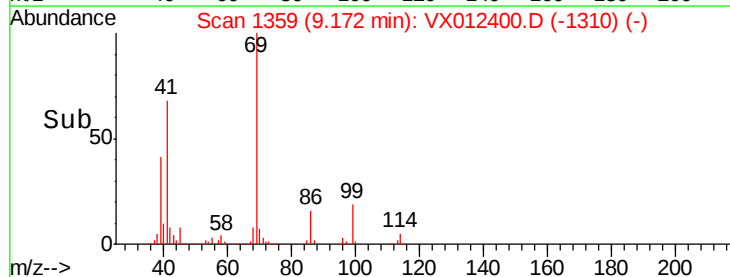
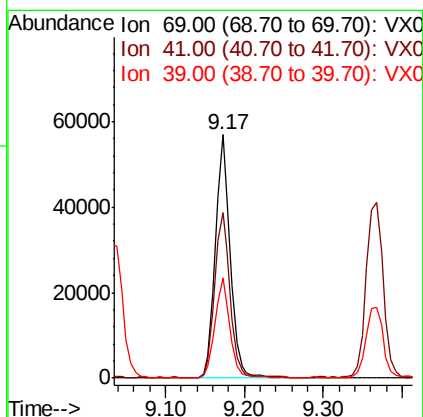
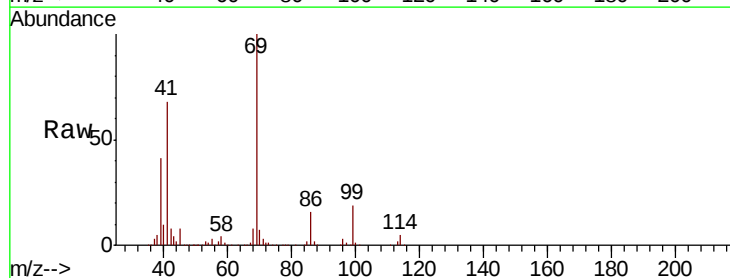
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

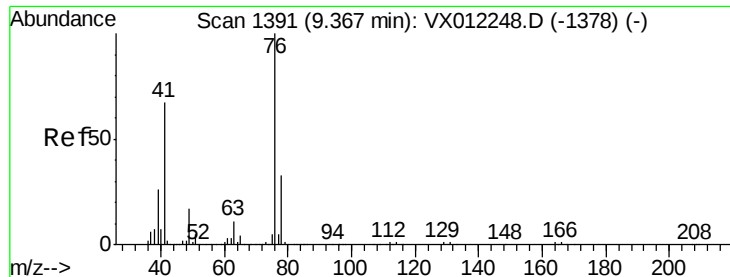
Tgt Ion:	97	Resp:	55553
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.2
85	55.8	43.4	65.2
99	65.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 50.310 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion:	69	Resp:	75515
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.7	86.5
39	40.4	34.0	51.0





#57

1,3-Dichloropropane

Concen: 50.744 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

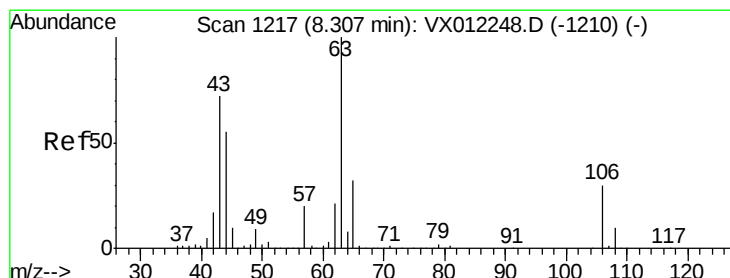
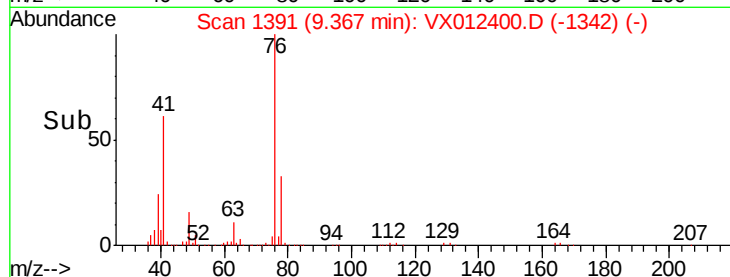
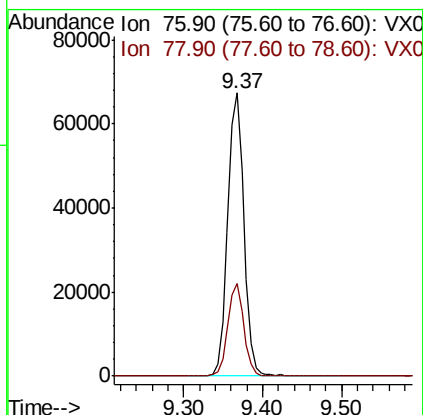
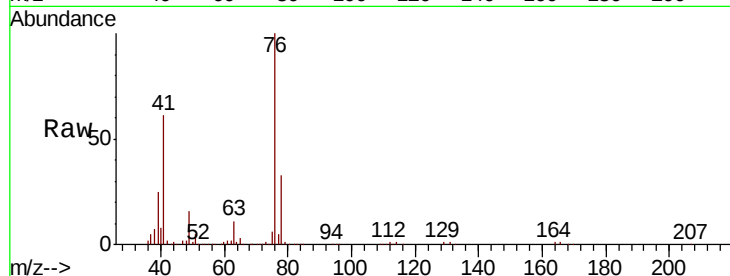
VSTDCCC050

Tgt Ion: 76 Resp: 96079

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 215.305 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012400.D

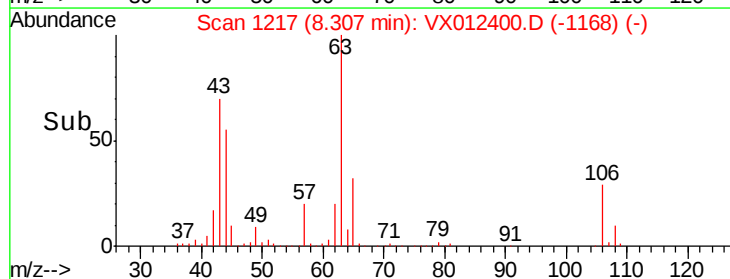
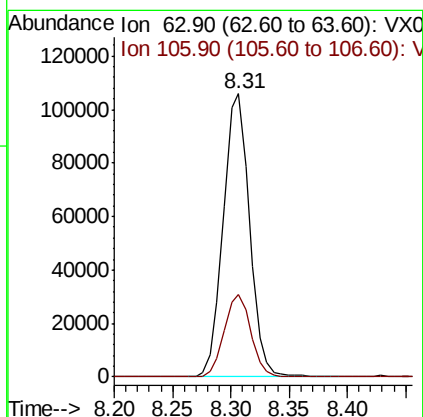
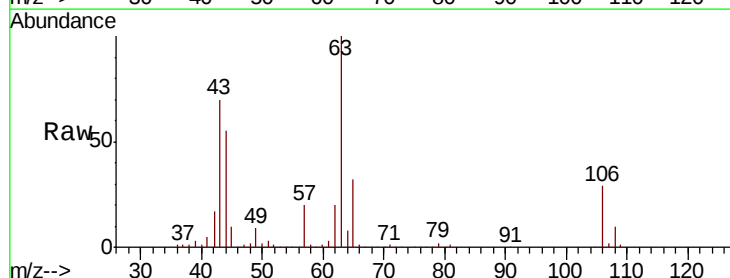
Acq: 13 Sep 2019 21:54

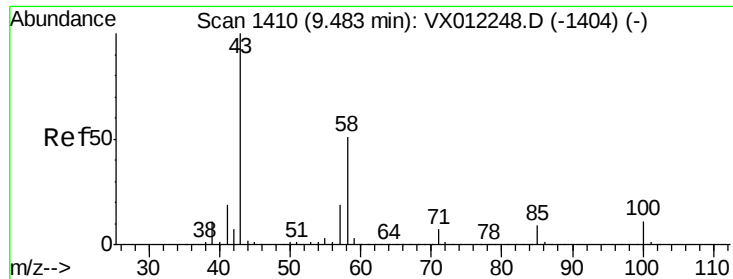
Tgt Ion: 63 Resp: 165636

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2

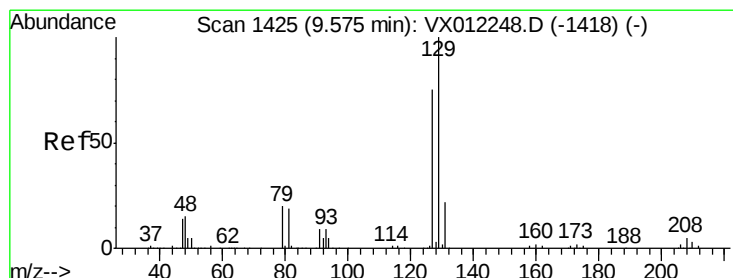
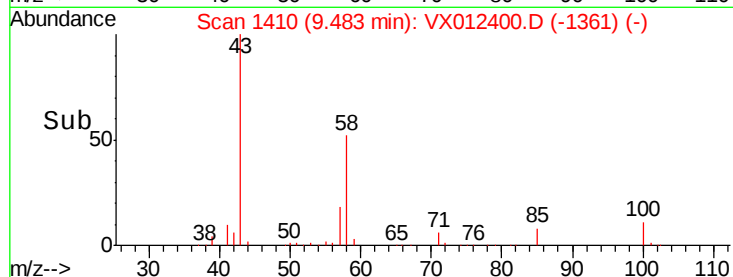
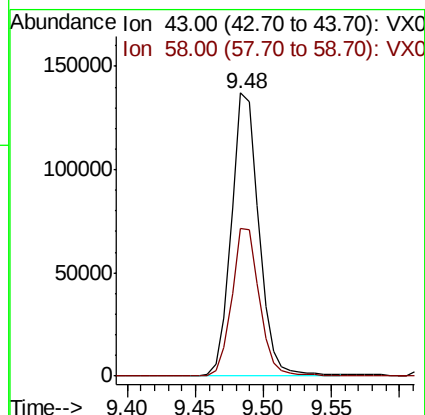
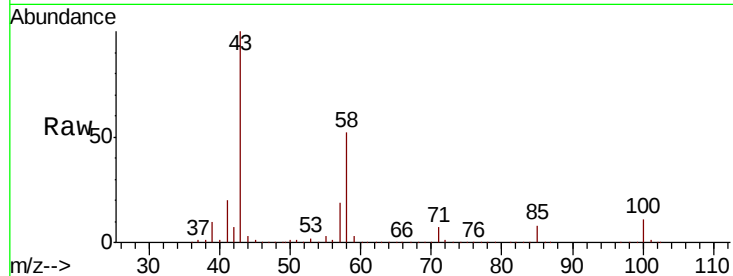




#59
2-Hexanone
Concen: 258.274 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

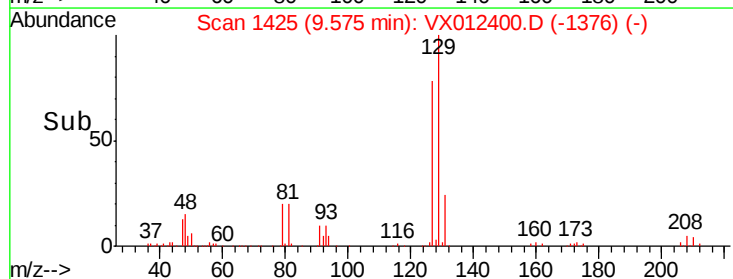
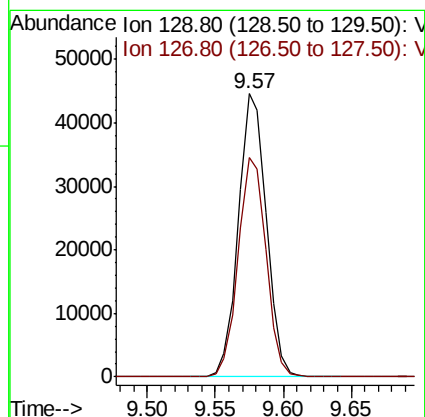
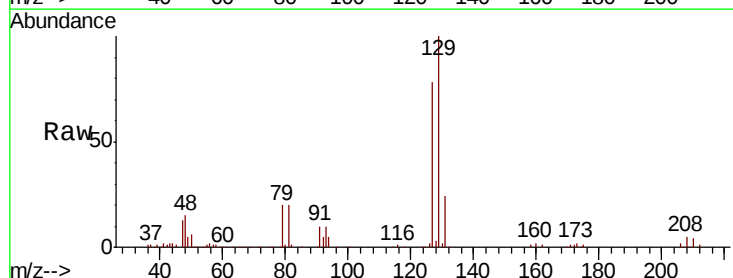
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

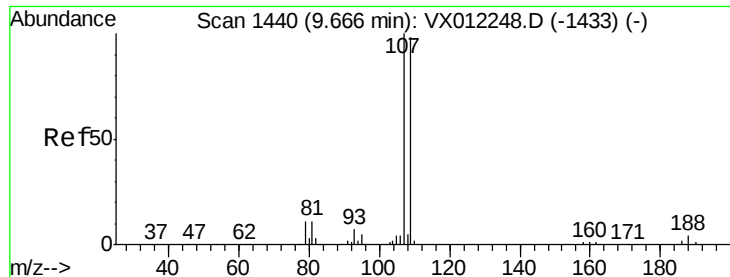
Tgt Ion: 43 Resp: 193045
Ion Ratio Lower Upper
43 100
58 52.4 25.8 77.3



#60
Dibromochloromethane
Concen: 49.383 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 129 Resp: 63911
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.976 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

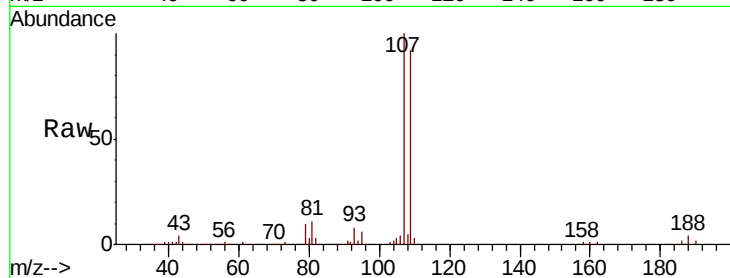
VSTDCCC050

Tgt Ion: 107 Resp: 52604

Ion Ratio Lower Upper

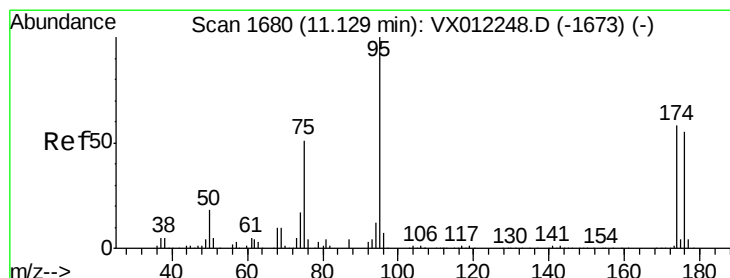
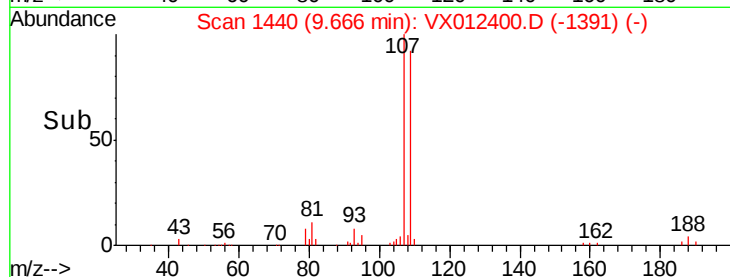
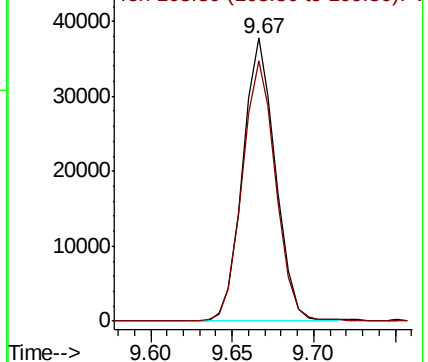
107 100

109 94.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.844 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

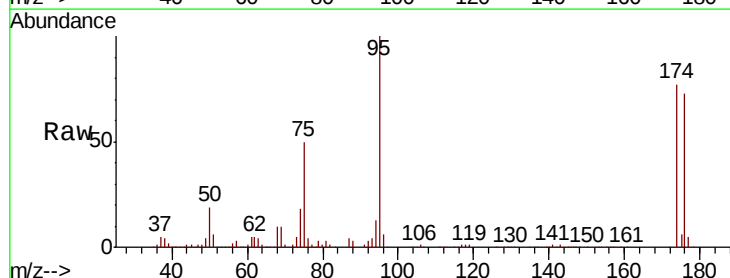
Tgt Ion: 95 Resp: 100185

Ion Ratio Lower Upper

95 100

174 70.7 0.0 127.0

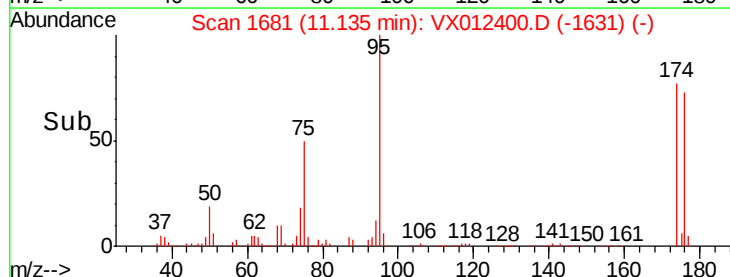
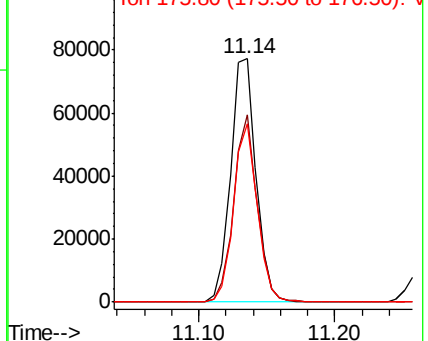
176 68.7 0.0 125.8

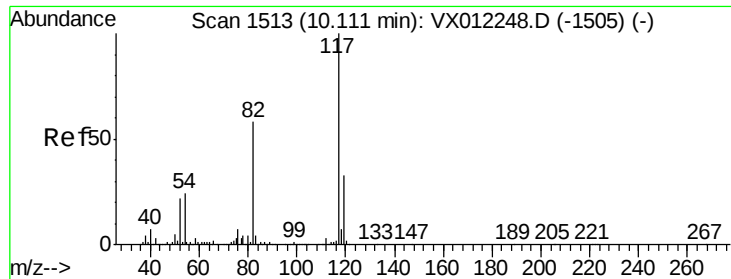


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

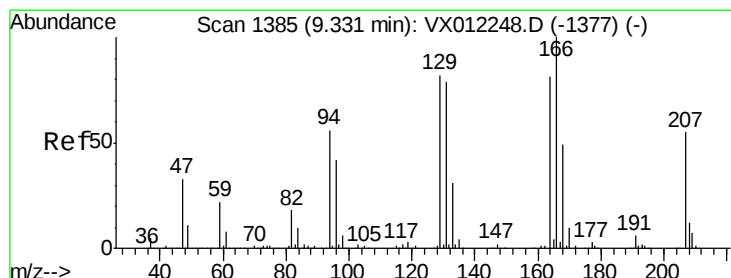
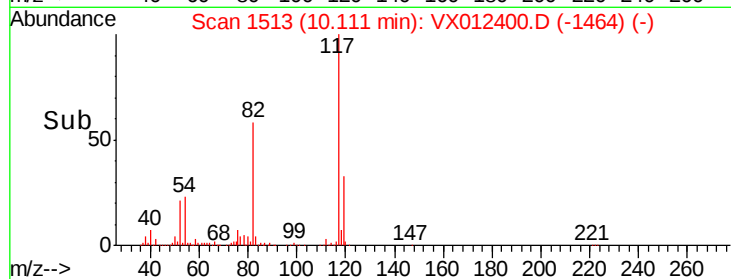
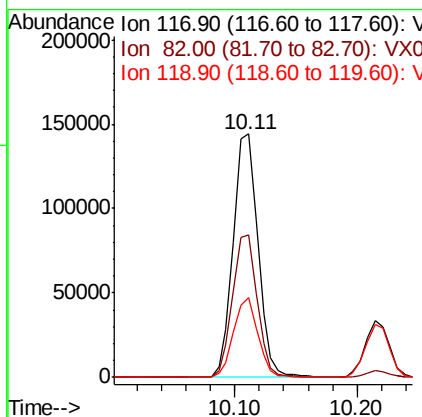
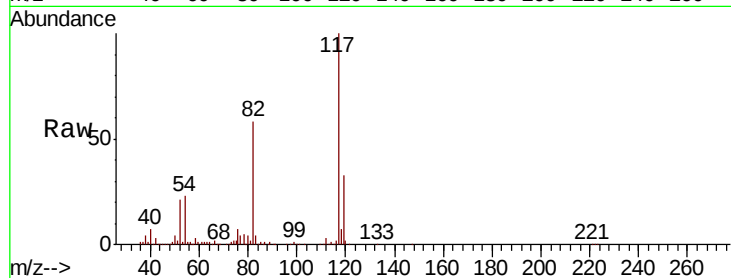




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

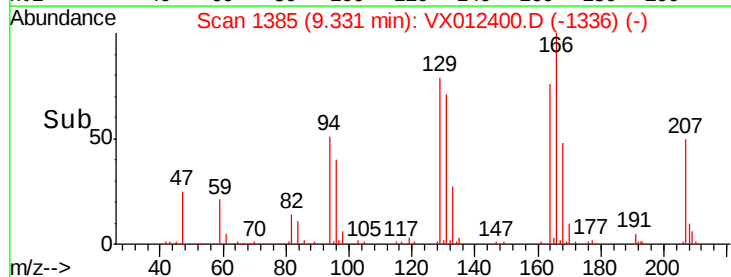
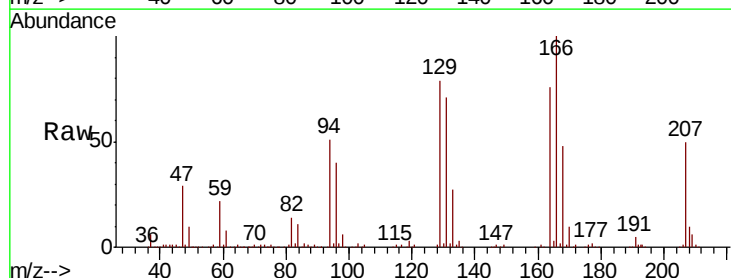
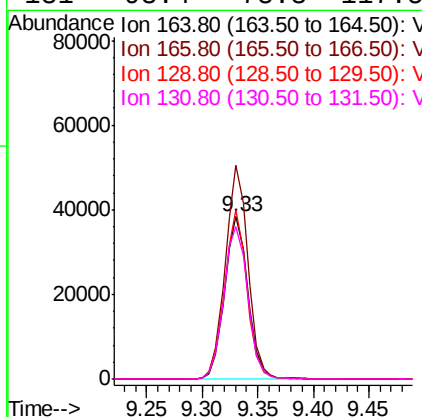
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

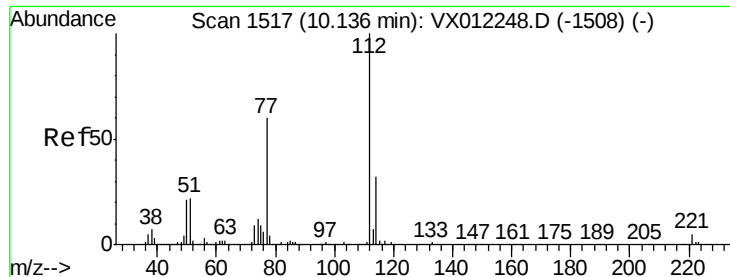
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.4	69.6
119	32.7	26.6	39.8



#64
Tetrachloroethene
Concen: 51.875 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	99.4	149.0
129	104.0	81.8	122.8
131	93.4	78.3	117.5





#65

Chlorobenzene

Concen: 47.903 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

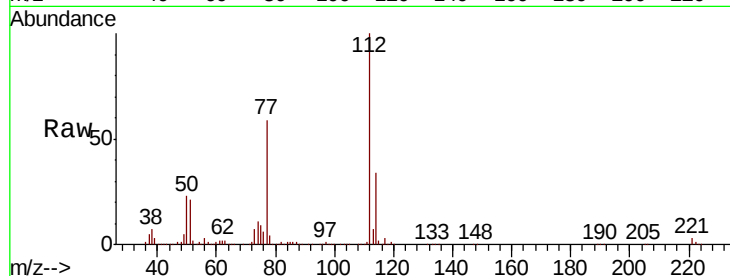
VSTDCCC050

Tgt Ion:112 Resp: 176962

Ion Ratio Lower Upper

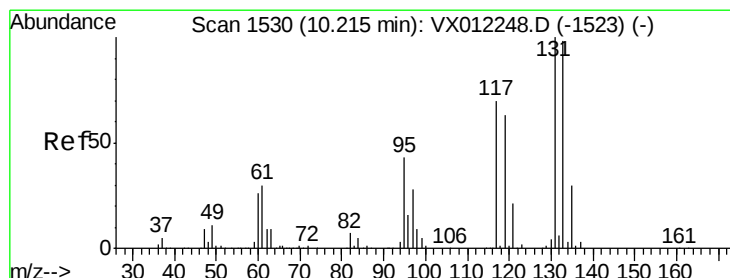
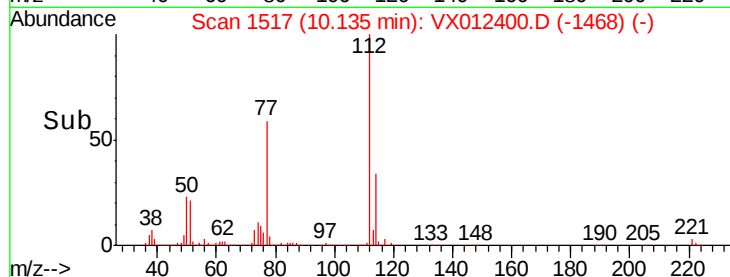
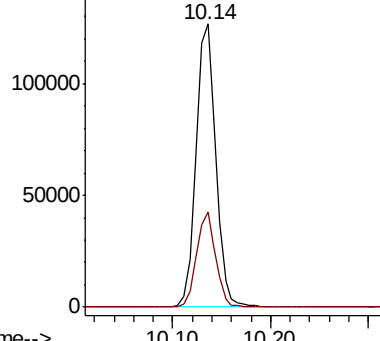
112 100

114 33.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.896 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

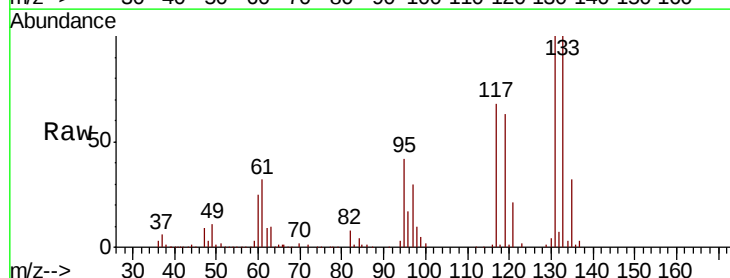
Tgt Ion:131 Resp: 68091

Ion Ratio Lower Upper

131 100

133 97.2 48.0 144.2

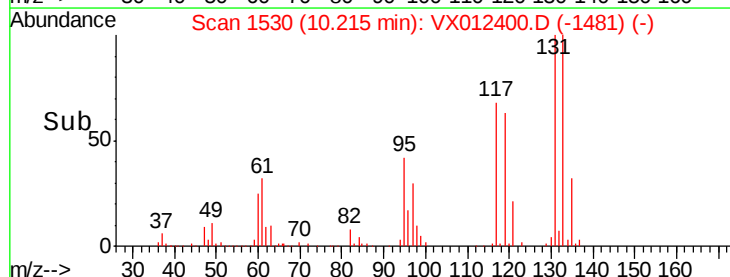
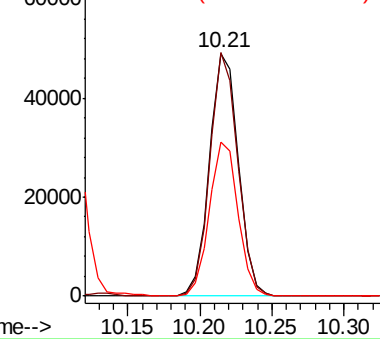
119 63.5 31.6 95.0

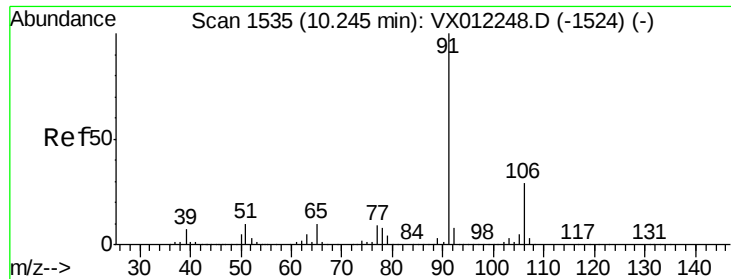


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

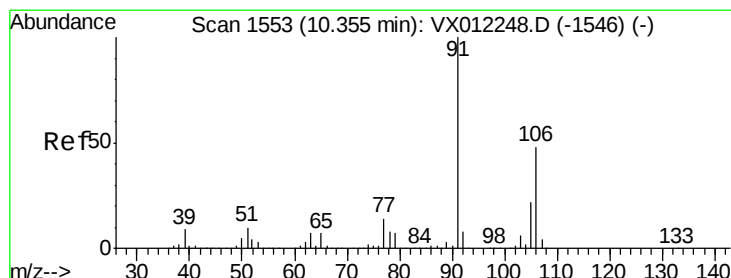
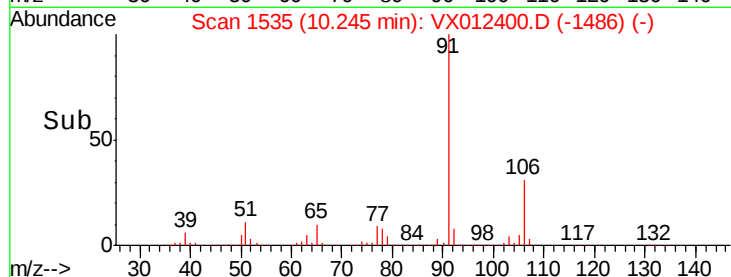
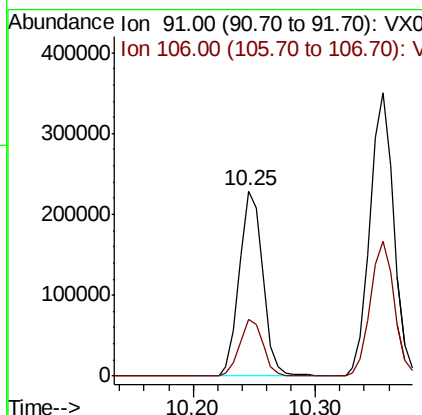
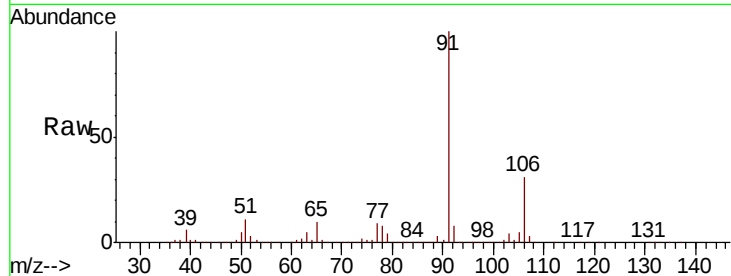




#67
Ethyl Benzene
Concen: 46.364 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

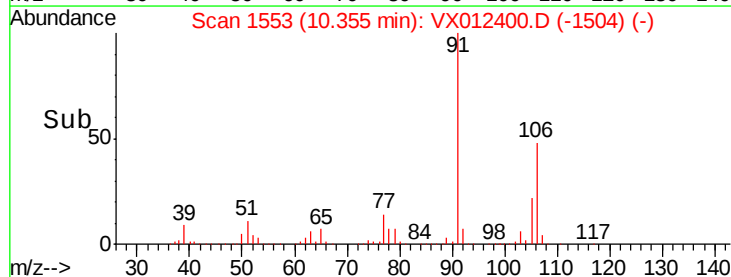
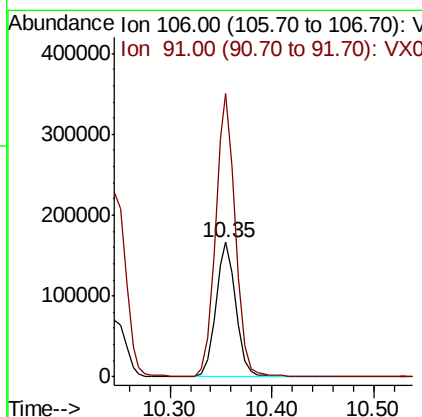
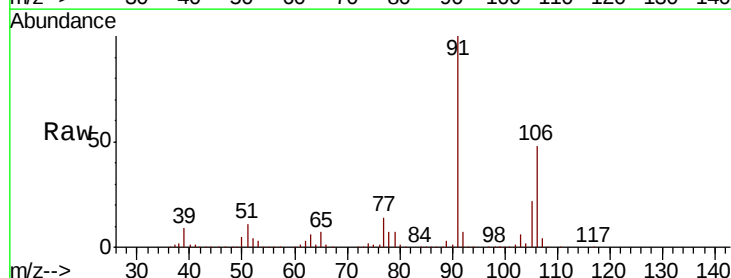
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

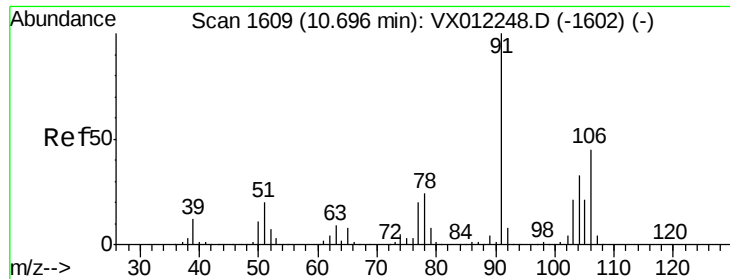
Tgt Ion: 91 Resp: 304623
Ion Ratio Lower Upper
91 100
106 31.0 23.1 34.7



#68
m/p-Xylenes
Concen: 94.552 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 106 Resp: 228685
Ion Ratio Lower Upper
106 100
91 208.1 167.0 250.6

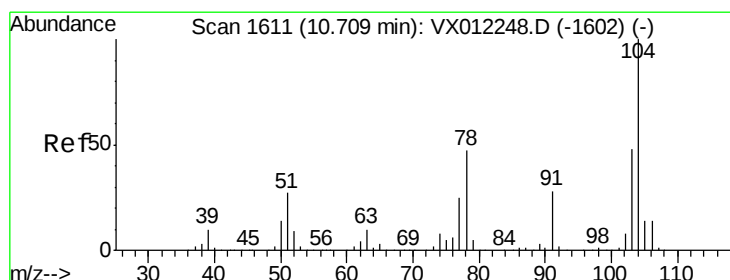
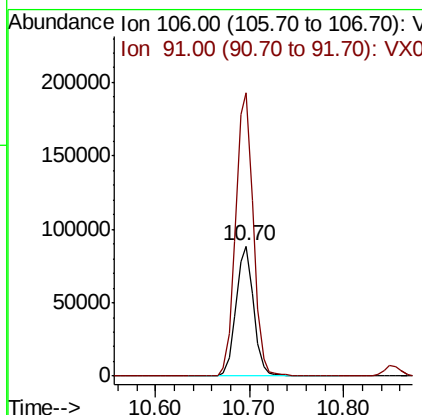
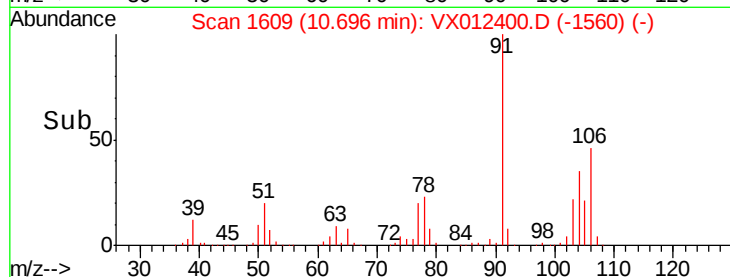
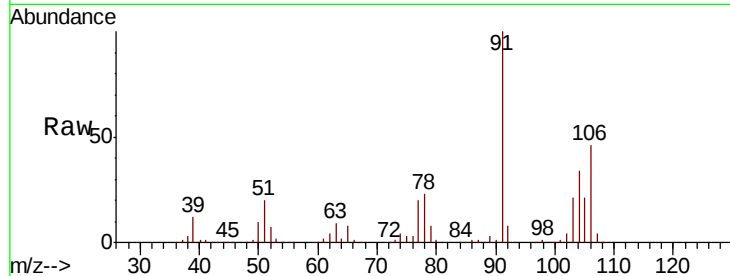




#69
o-Xylene
Concen: 48.162 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

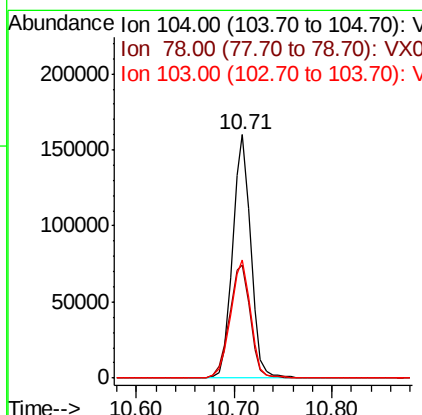
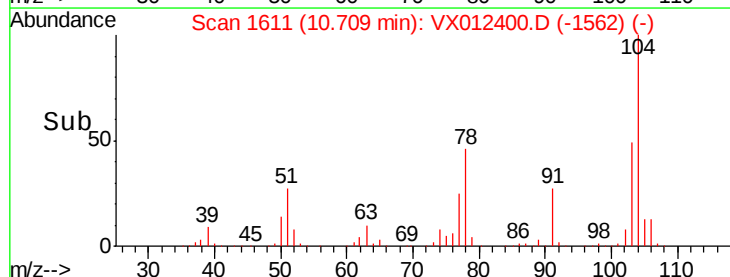
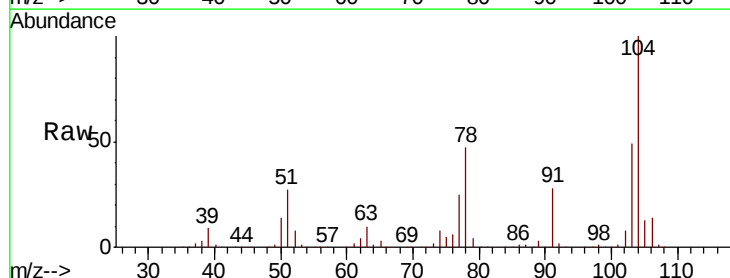
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

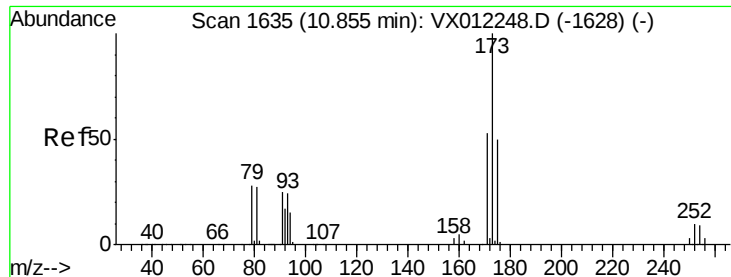
Tgt Ion:106 Resp: 114110
Ion Ratio Lower Upper
106 100
91 219.1 110.5 331.4



#70
Styrene
Concen: 49.072 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion:104 Resp: 206197
Ion Ratio Lower Upper
104 100
78 53.6 44.2 66.2
103 53.5 42.5 63.7





#71

Bromoform

Concen: 49.823 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

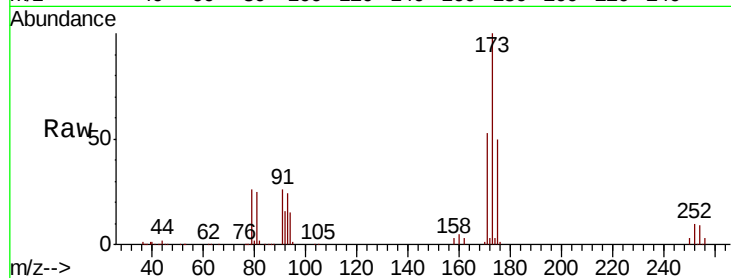
Tgt Ion:173 Resp: 35978

Ion Ratio Lower Upper

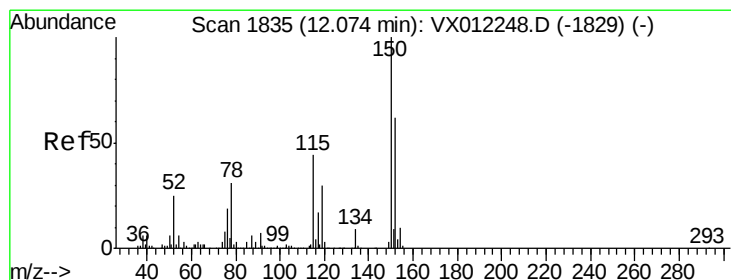
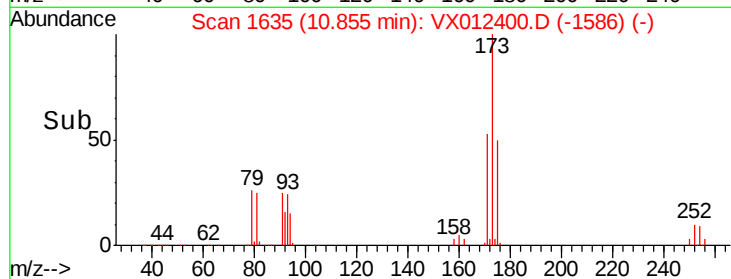
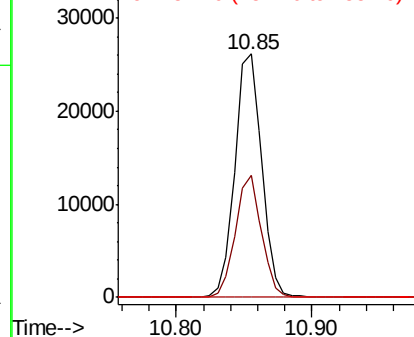
173 100

175 48.1 24.5 73.5

254 0.1 0.2 0.4#



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: VX012400.D

Acq: 13 Sep 2019 21:54

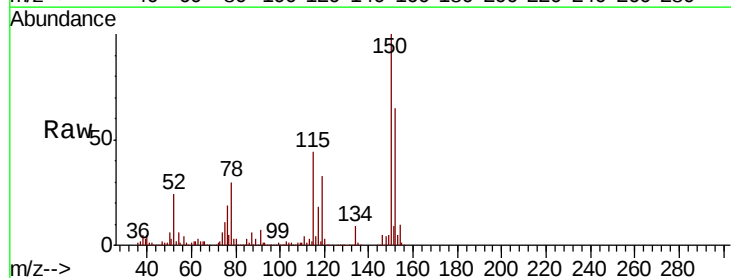
Tgt Ion:152 Resp: 106085

Ion Ratio Lower Upper

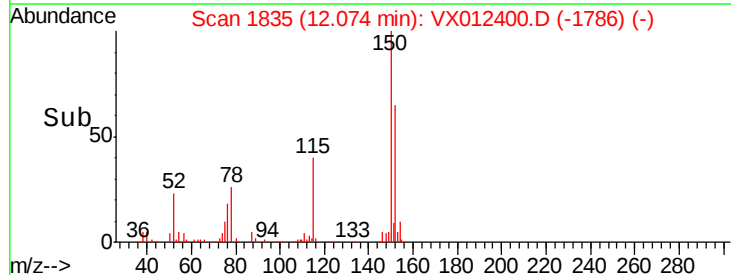
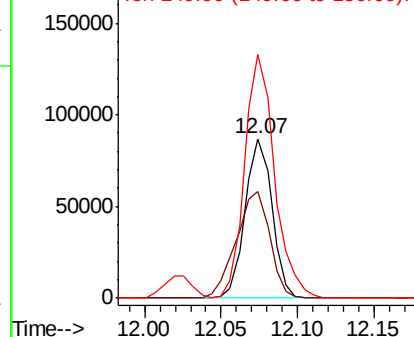
152 100

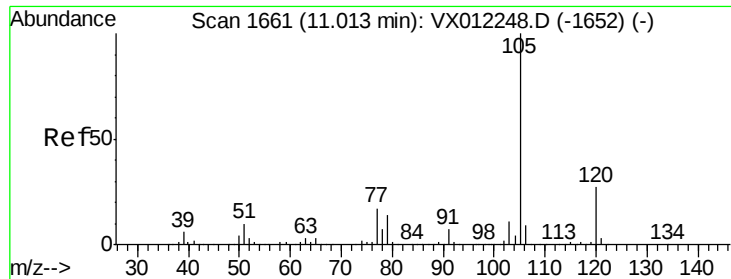
115 83.4 45.5 136.4

150 169.8 0.0 346.4



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: 43.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

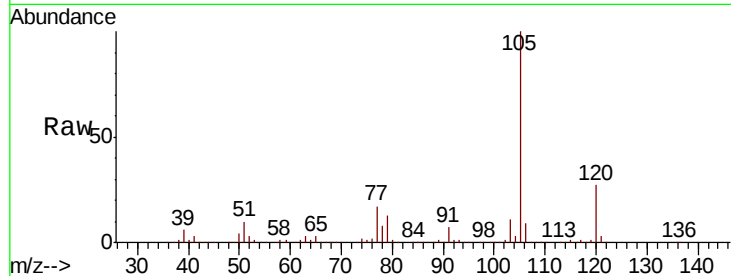
VSTDCCC050

Tgt Ion: 105 Resp: 307145

Ion Ratio Lower Upper

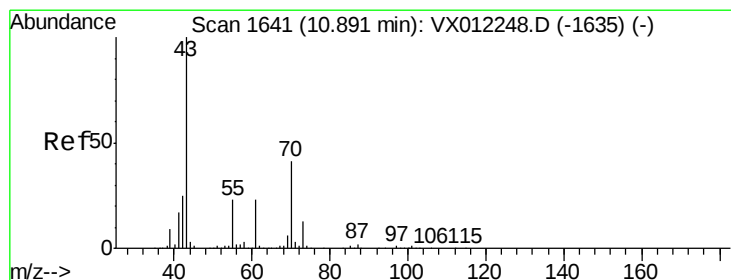
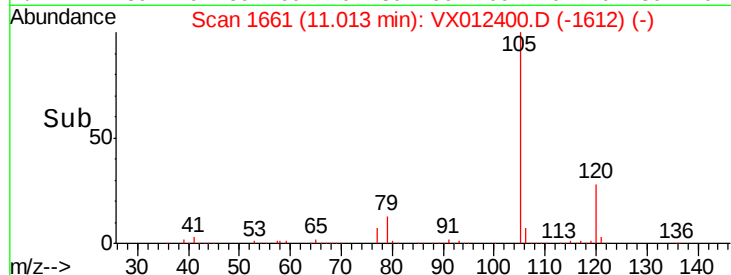
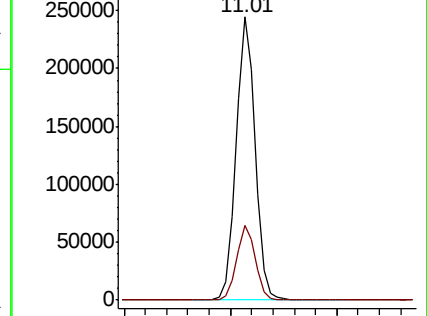
105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.579 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion: 43 Resp: 90494

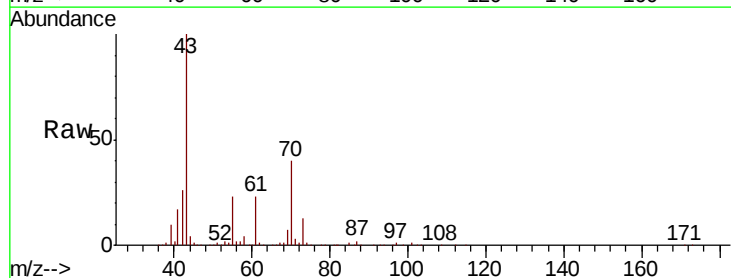
Ion Ratio Lower Upper

43 100

70 40.6 32.9 49.3

55 24.4 19.1 28.7

61 23.4 18.6 28.0

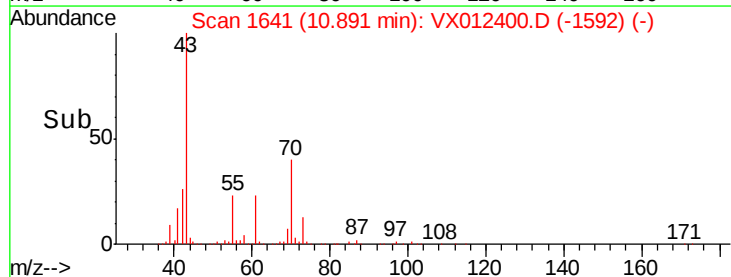
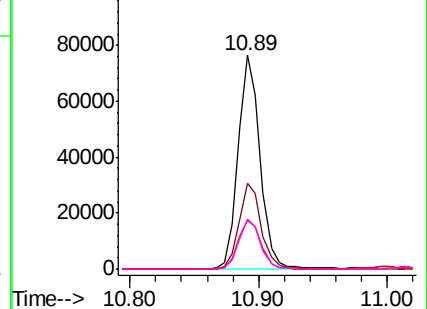


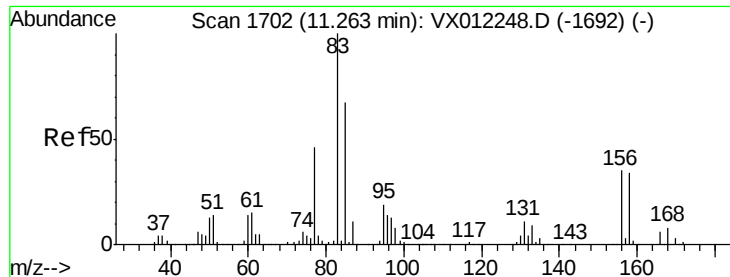
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.037 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

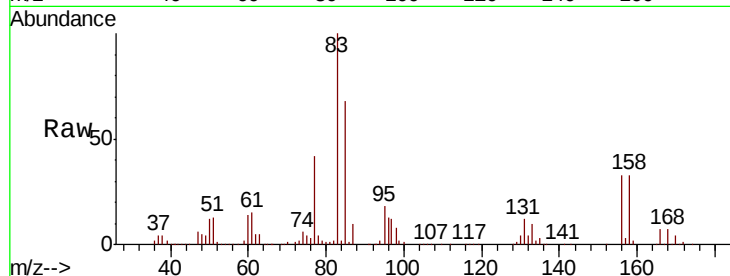
Tgt Ion: 83 Resp: 72051

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

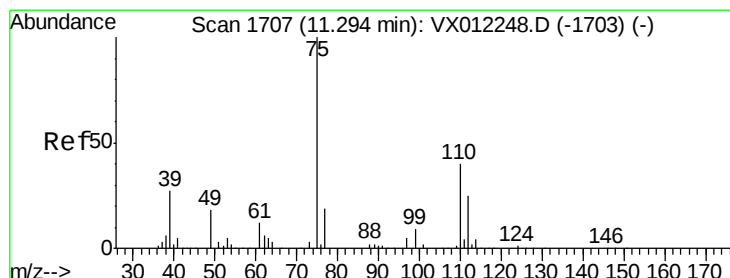
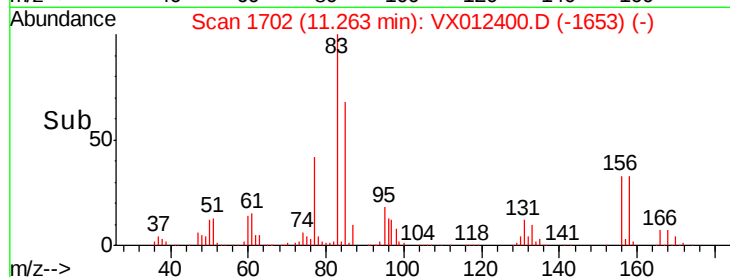
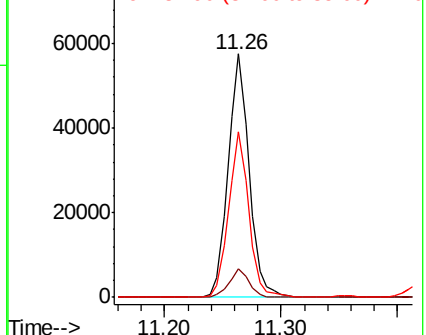
85 65.4 32.8 98.4



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: 55.716 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012400.D

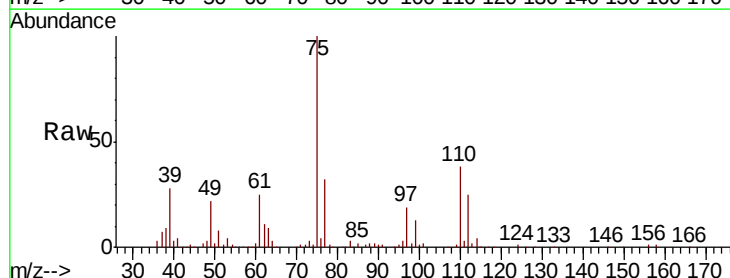
Acq: 13 Sep 2019 21:54

Tgt Ion: 75 Resp: 75931

Ion Ratio Lower Upper

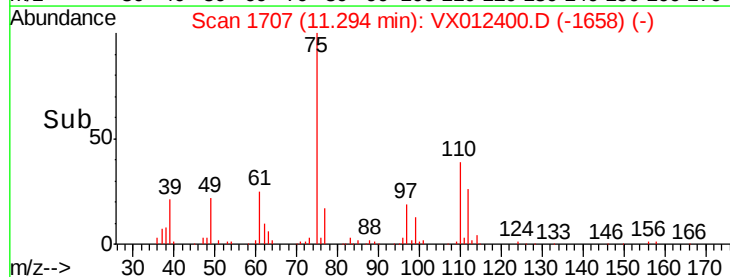
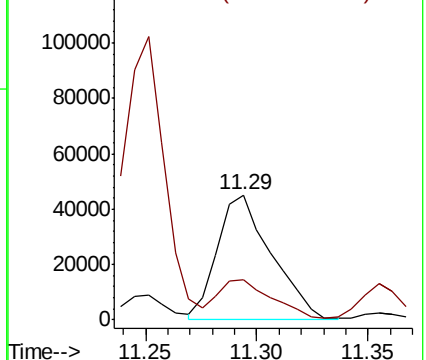
75 100

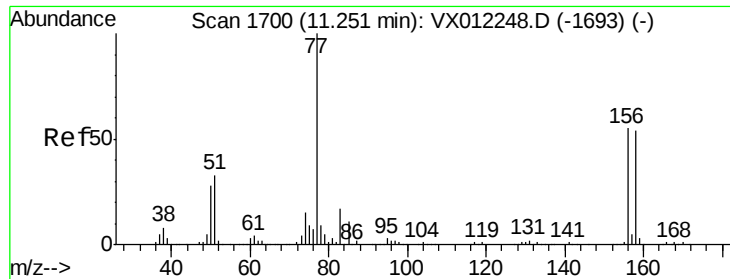
77 32.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.548 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

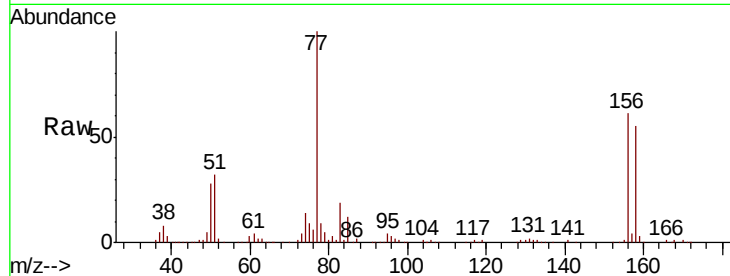
Tgt Ion:156 Resp: 78061

Ion Ratio Lower Upper

156 100

77 170.5 92.2 276.6

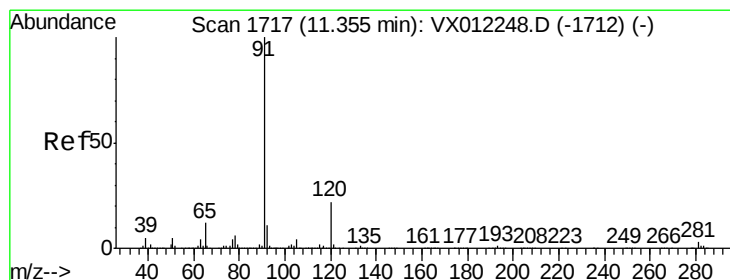
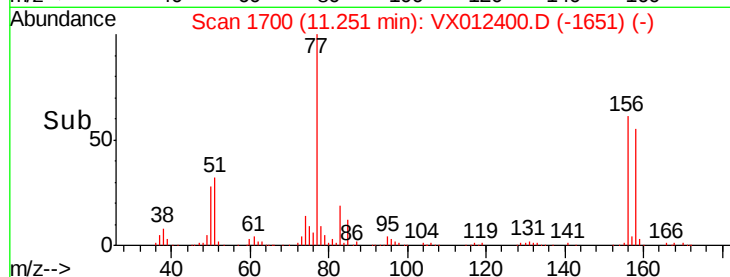
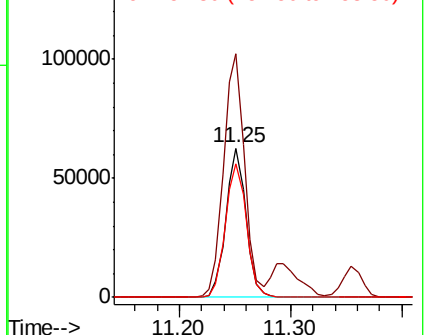
158 94.6 48.8 146.3



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: 43.129 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012400.D

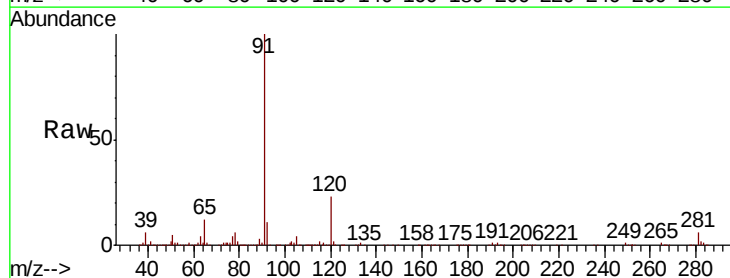
Acq: 13 Sep 2019 21:54

Tgt Ion: 91 Resp: 363739

Ion Ratio Lower Upper

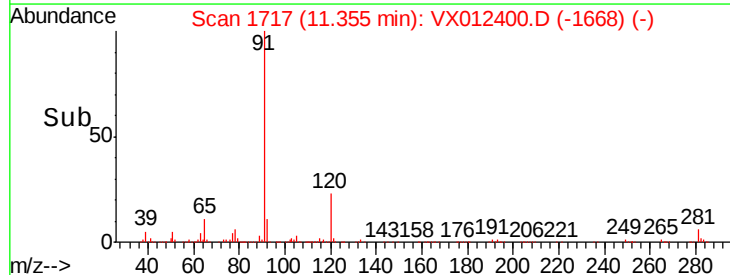
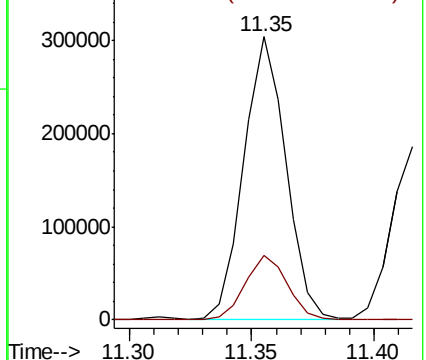
91 100

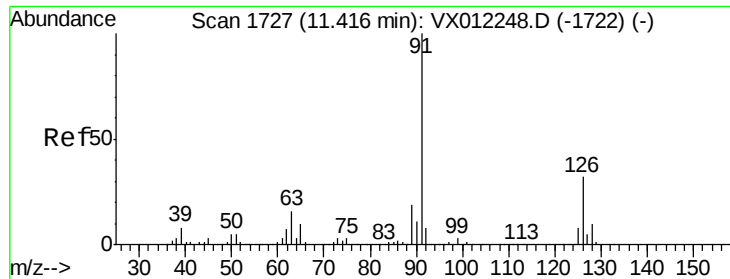
120 22.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

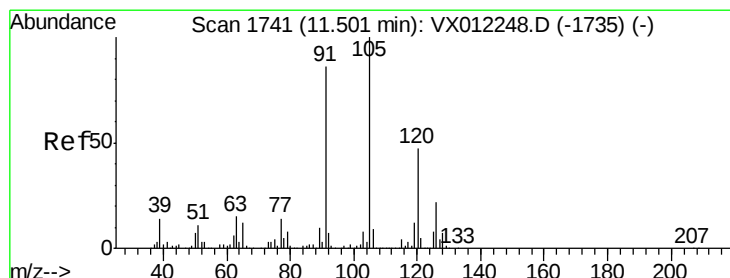
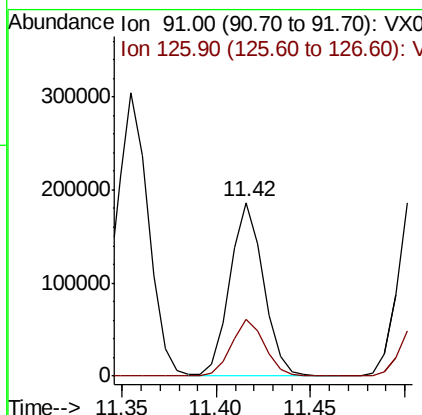
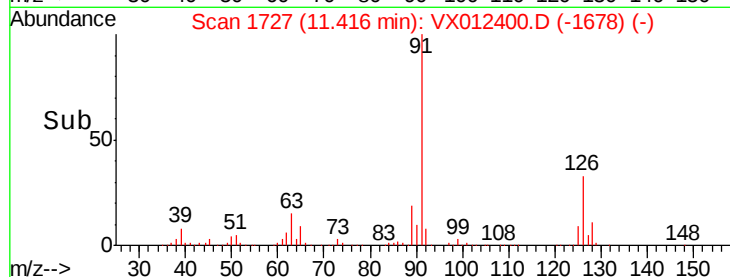
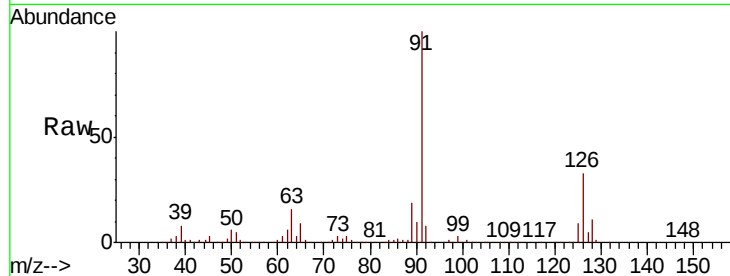




#79
 2-Chlorotoluene
 Concen: 43.866 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

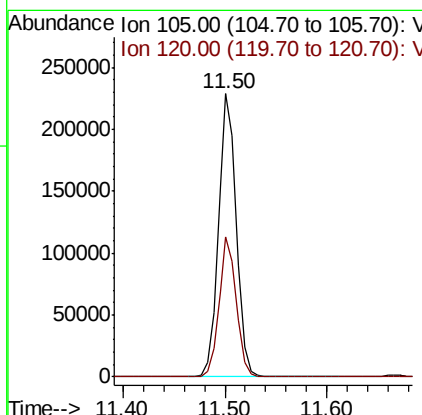
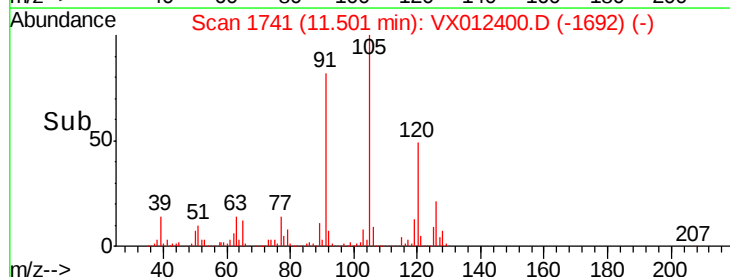
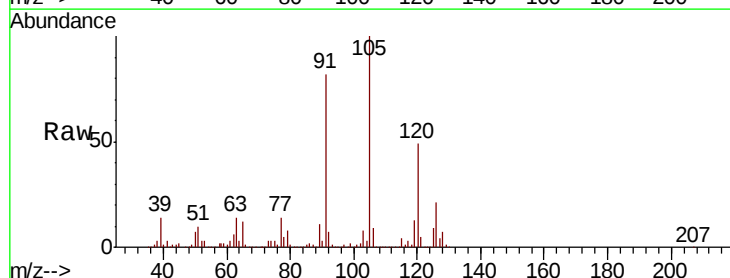
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

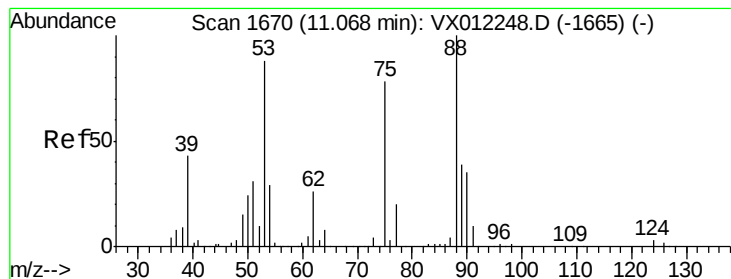
Tgt Ion: 91 Resp: 229205
 Ion Ratio Lower Upper
 91 100
 126 32.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 44.521 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 105 Resp: 279616
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 40.548 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

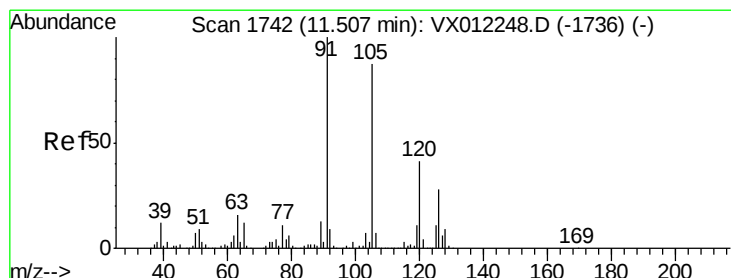
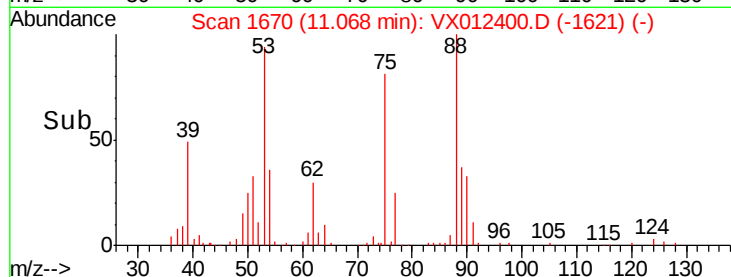
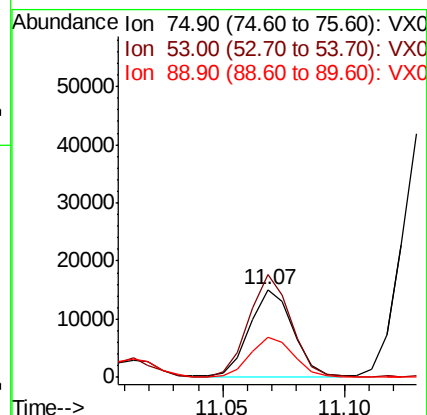
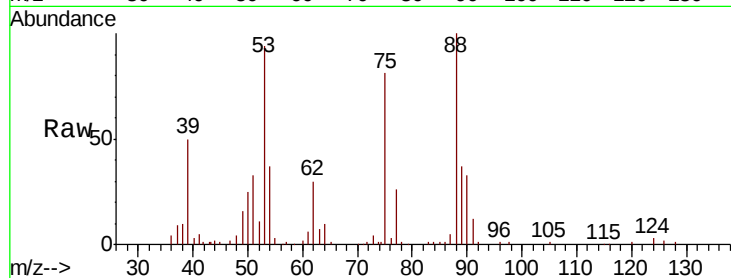
Tgt Ion: 75 Resp: 18443

Ion Ratio Lower Upper

75 100

53 113.5 88.1 132.1

89 47.2 43.5 65.3



#82

4-Chlorotoluene

Concen: 44.648 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012400.D

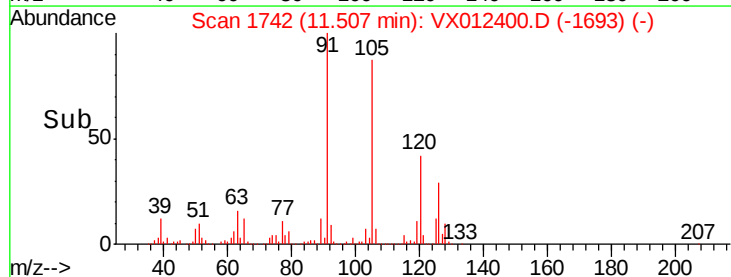
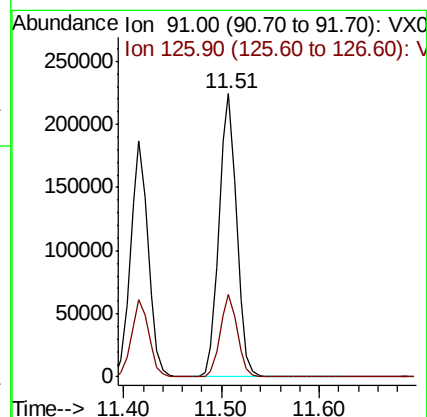
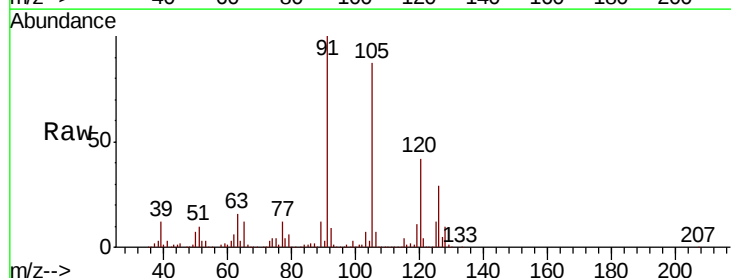
Acq: 13 Sep 2019 21:54

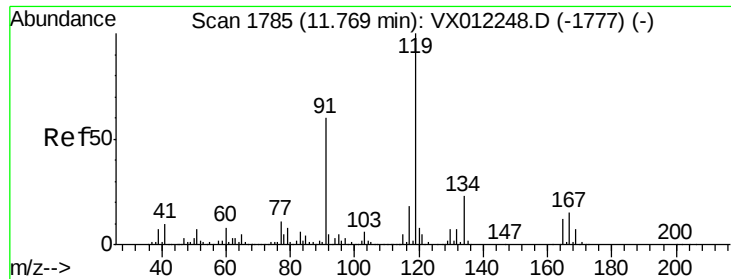
Tgt Ion: 91 Resp: 280367

Ion Ratio Lower Upper

91 100

126 28.4 14.0 42.0

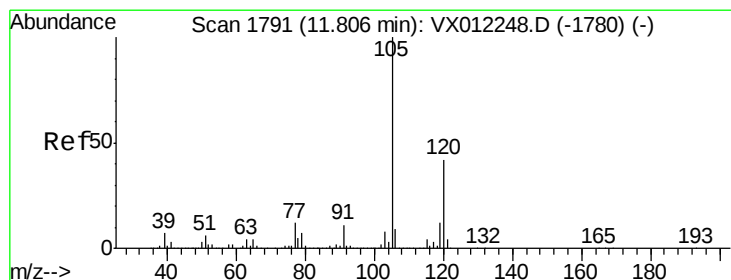
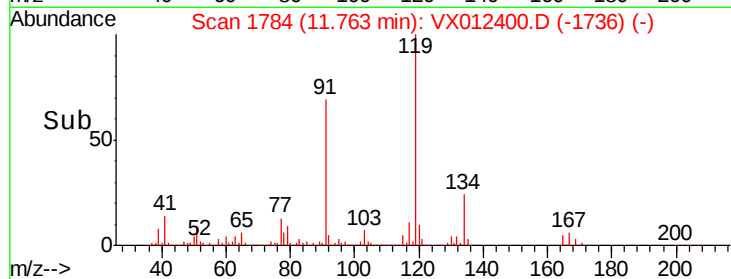
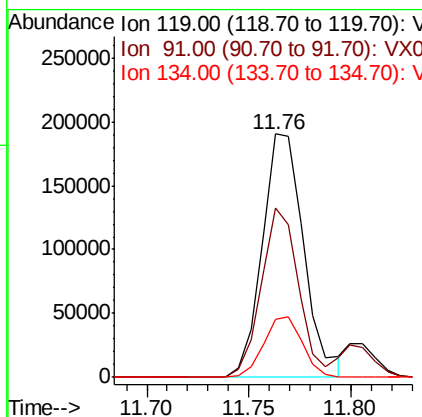
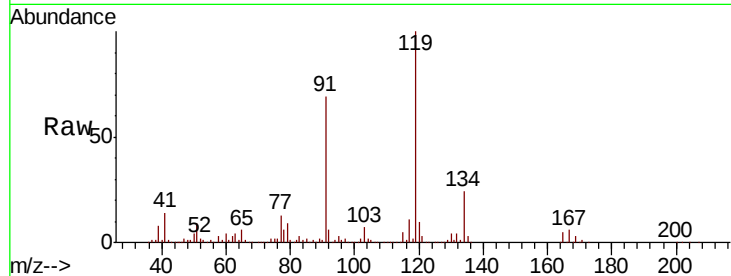




#83
 tert-Butylbenzene
 Concen: 44.374 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

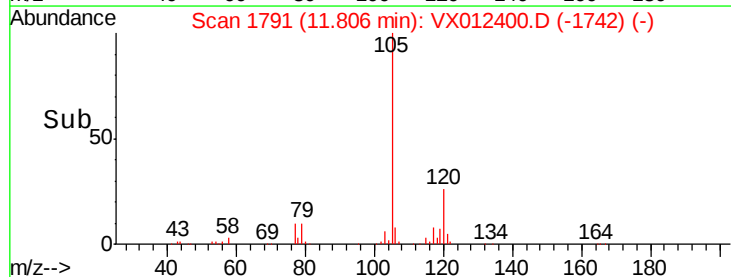
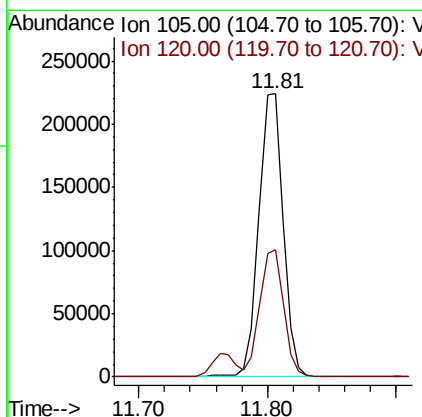
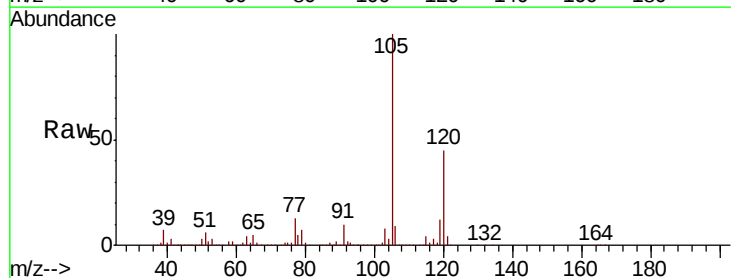
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

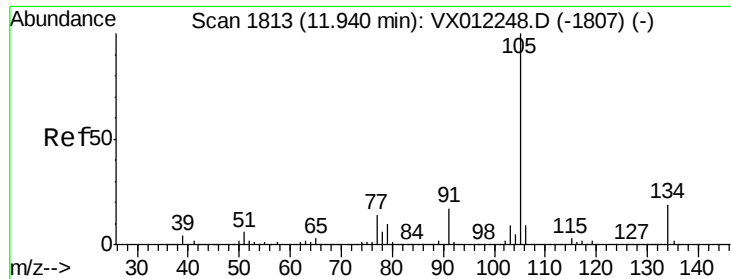
Tgt Ion:119 Resp: 270611
 Ion Ratio Lower Upper
 119 100
 91 62.4 30.9 92.8
 134 23.4 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 44.988 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion:105 Resp: 292085
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.3 63.9





#85

sec-Butylbenzene

Concen: 43.577 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

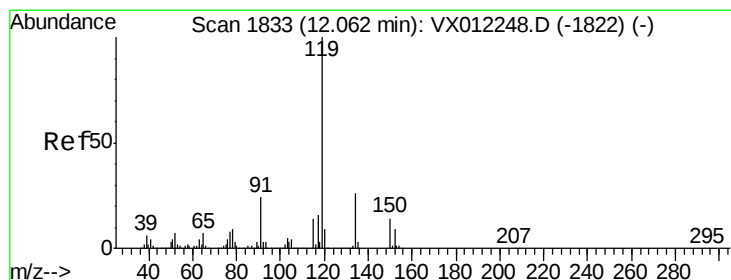
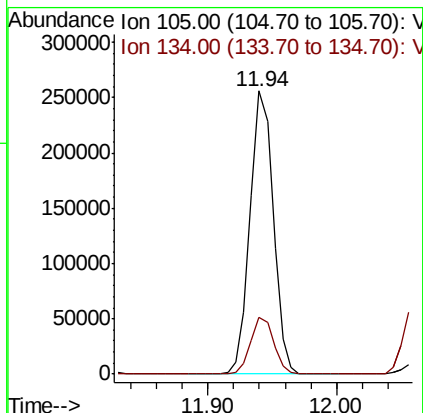
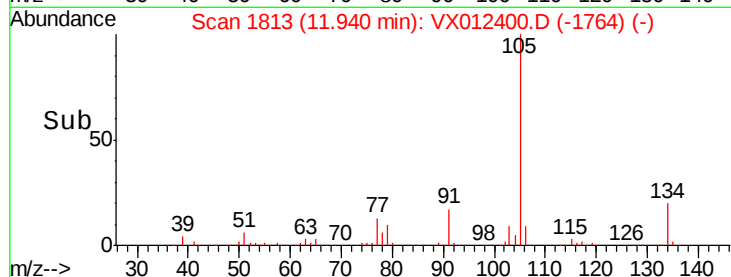
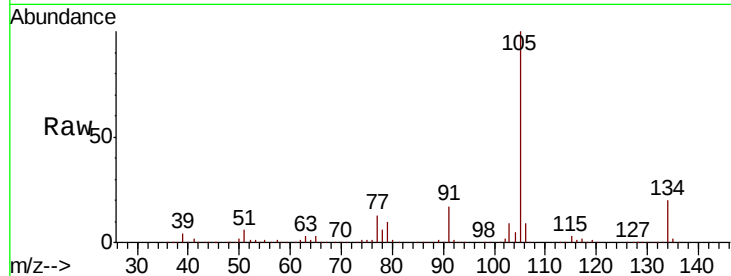
VSTDCCC050

Tgt Ion:105 Resp: 317091

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 44.225 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

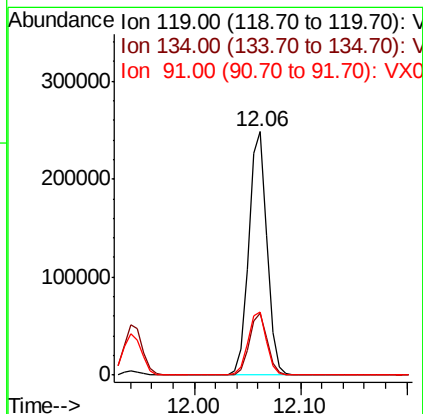
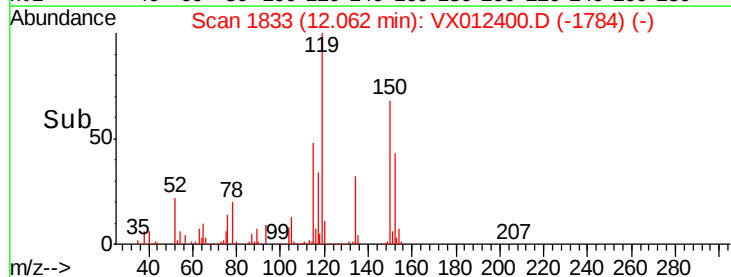
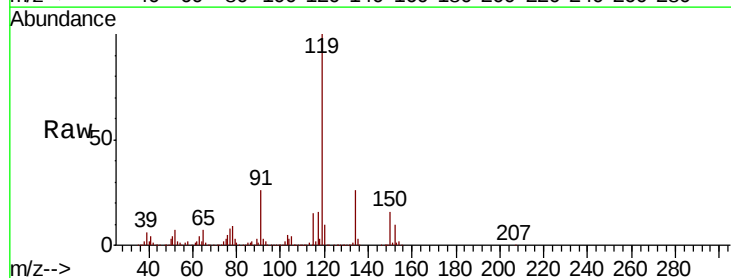
Tgt Ion:119 Resp: 297341

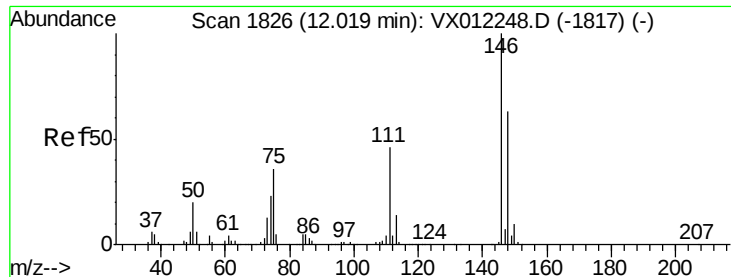
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 26.0 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 45.890 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

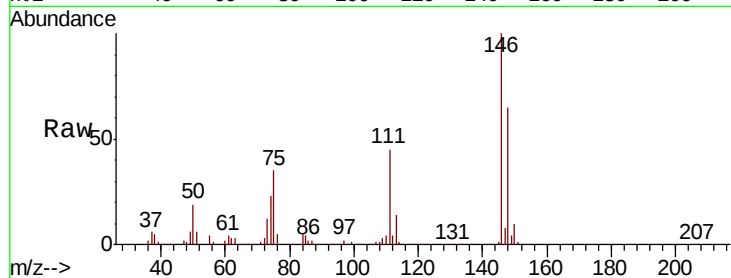
Tgt Ion:146 Resp: 150311

Ion Ratio Lower Upper

146 100

111 43.5 22.3 66.8

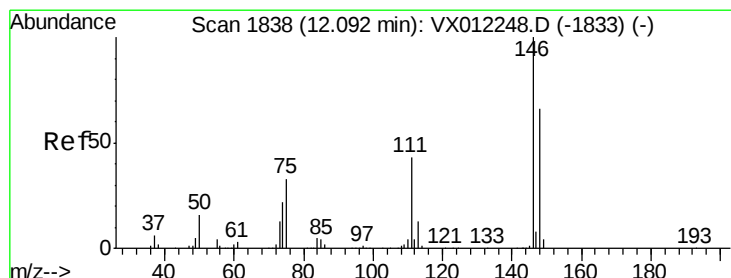
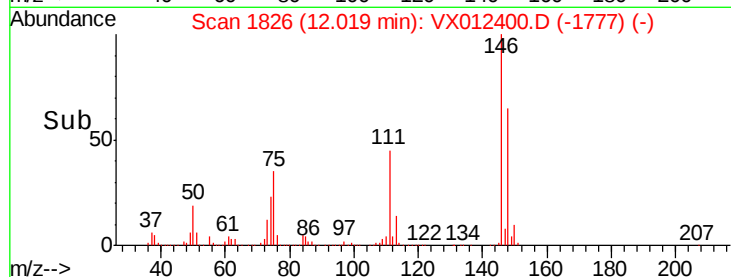
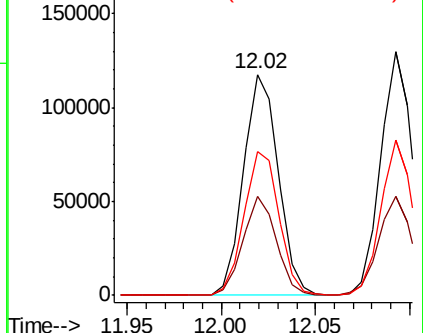
148 65.8 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 47.064 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

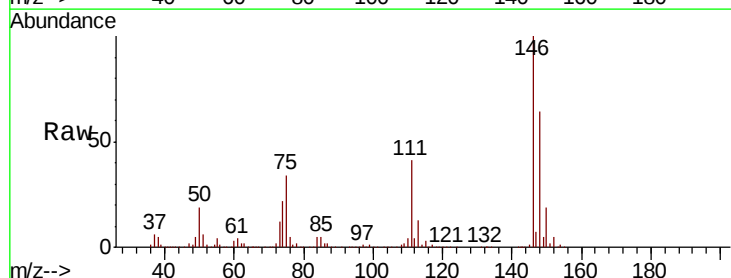
Tgt Ion:146 Resp: 155881

Ion Ratio Lower Upper

146 100

111 41.9 21.6 64.8

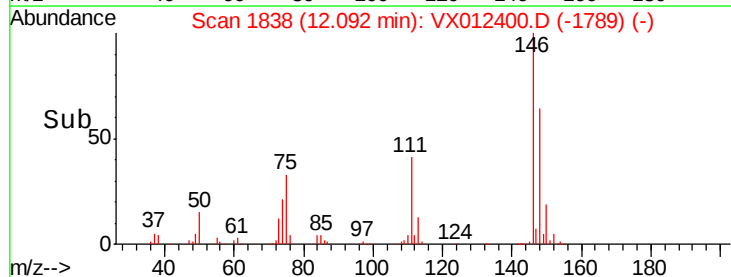
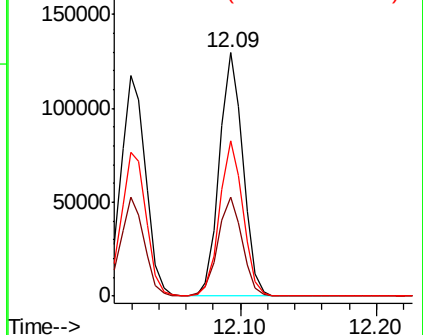
148 63.5 32.4 97.2

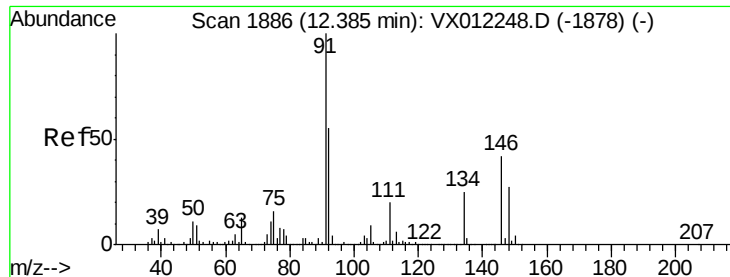


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 42.970 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

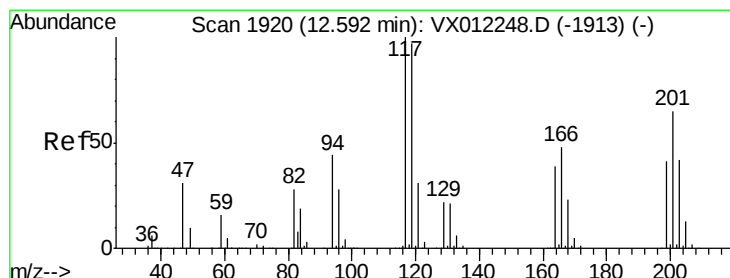
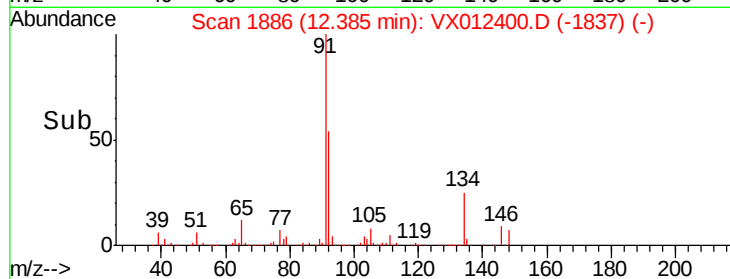
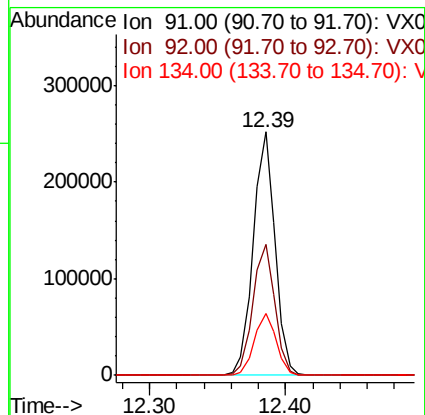
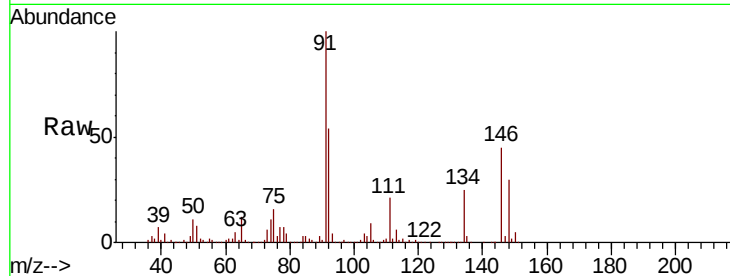
Tgt Ion: 91 Resp: 283167

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 25.8 12.5 37.5



#90

Hexachloroethane

Concen: 42.783 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012400.D

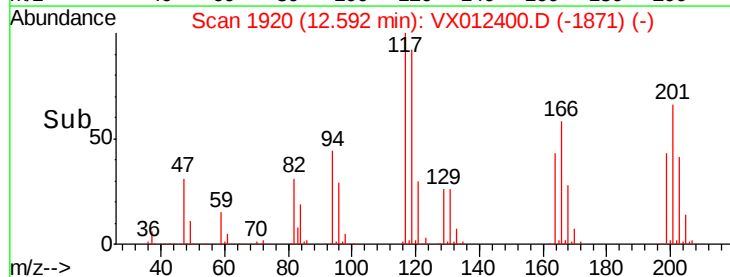
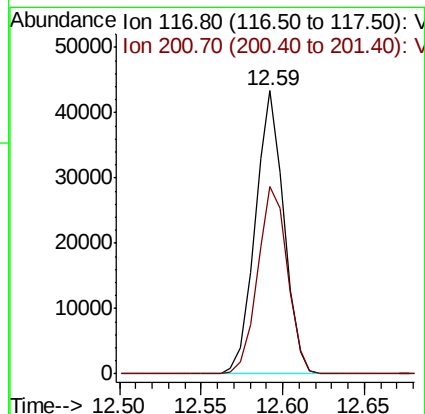
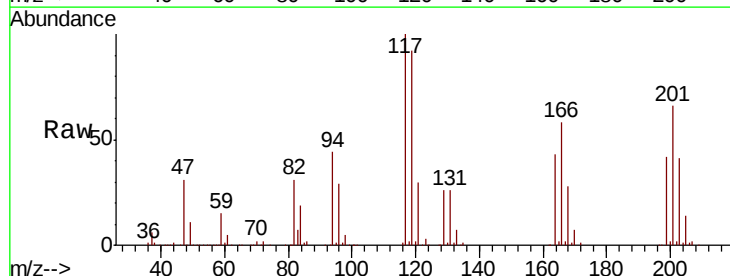
Acq: 13 Sep 2019 21:54

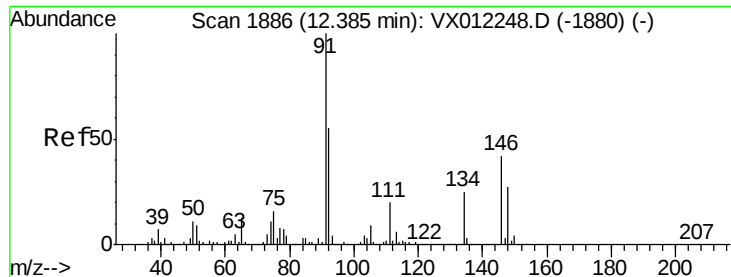
Tgt Ion: 117 Resp: 52982

Ion Ratio Lower Upper

117 100

201 69.0 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 48.052 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

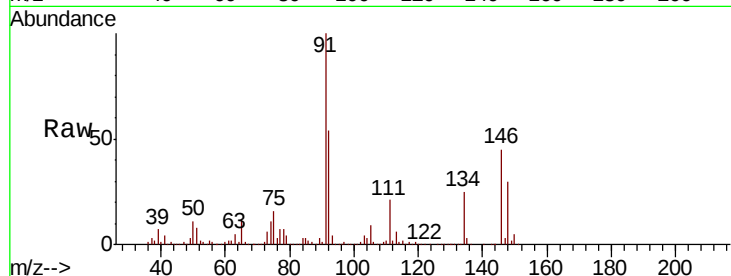
Tgt Ion:146 Resp: 145593

Ion Ratio Lower Upper

146 100

111 44.4 23.2 69.6

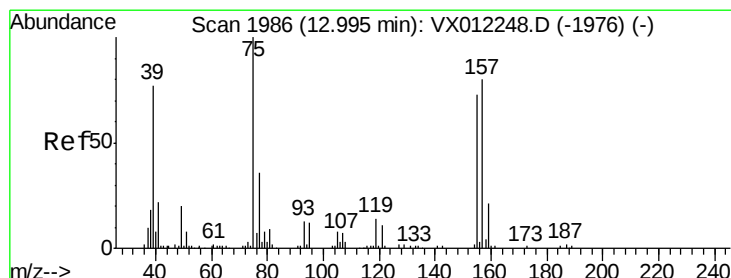
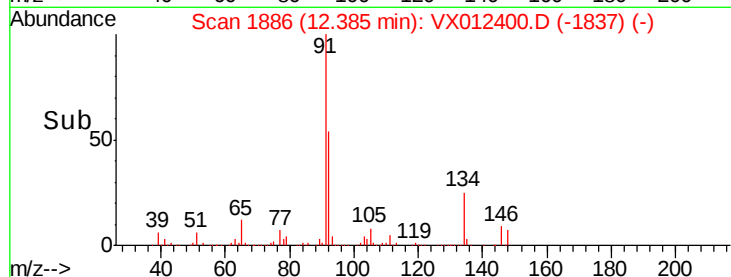
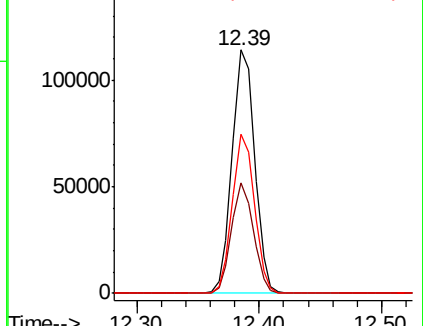
148 64.0 32.4 97.0



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: 44.651 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

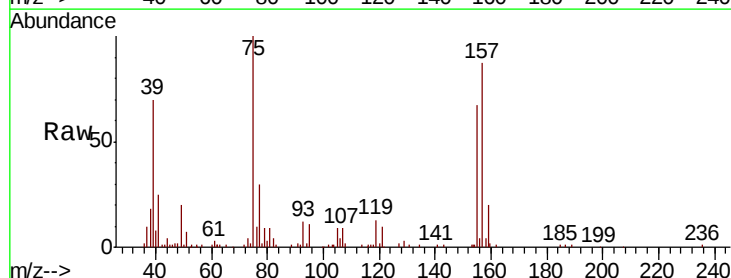
Tgt Ion: 75 Resp: 13670

Ion Ratio Lower Upper

75 100

155 74.7 35.3 105.7

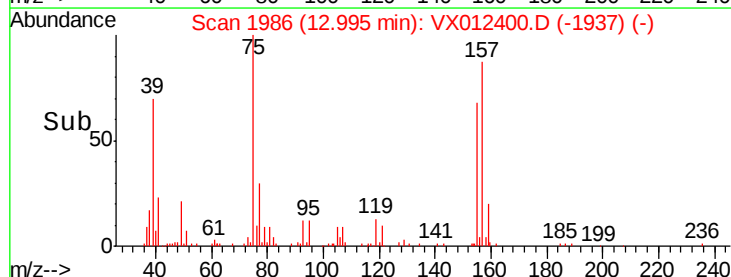
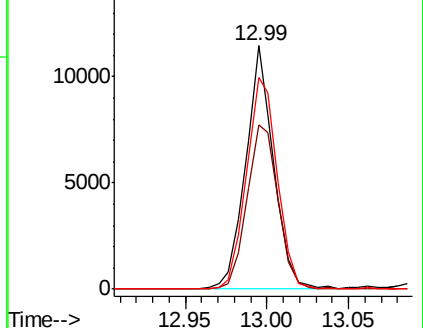
157 95.4 43.2 129.6

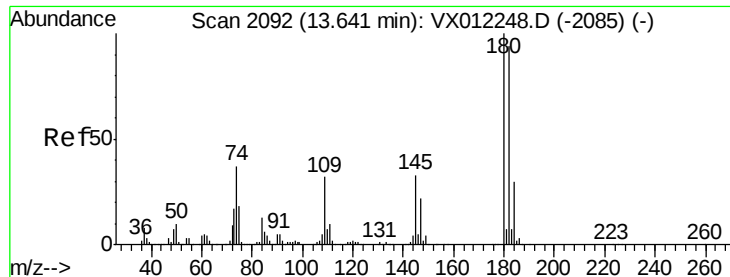


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

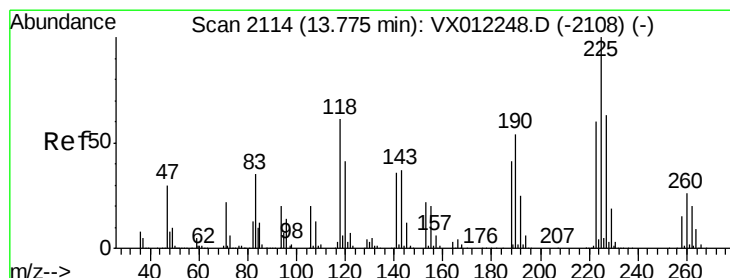
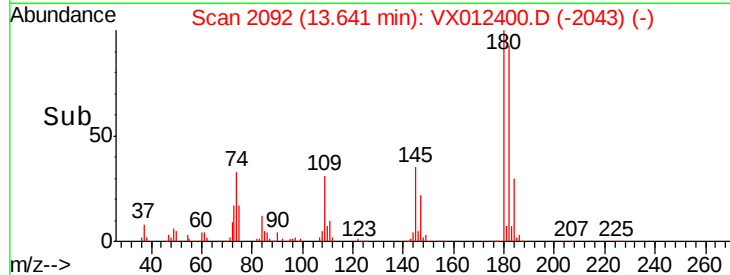
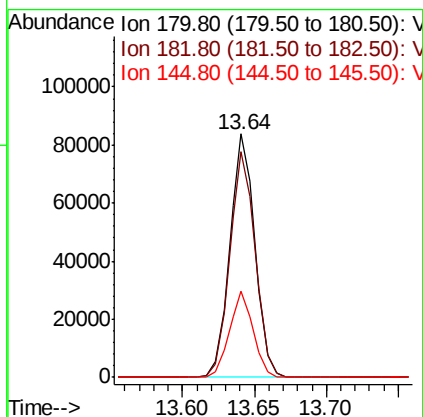
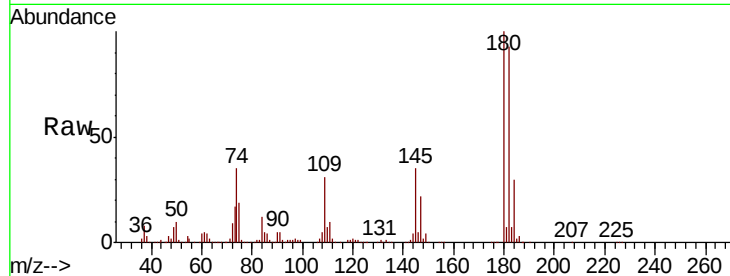




#93
 1,2,4-Trichlorobenzene
 Concen: 48.829 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

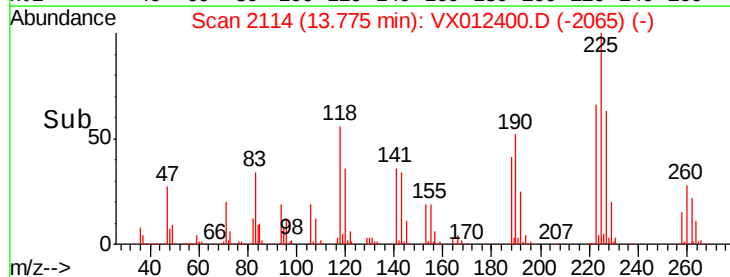
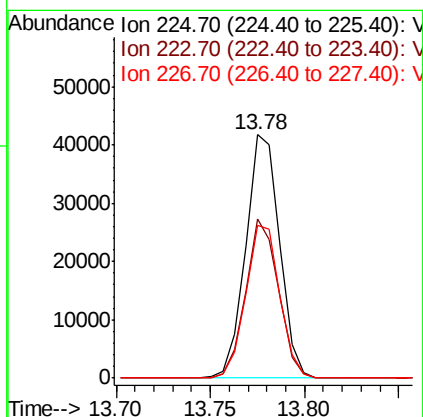
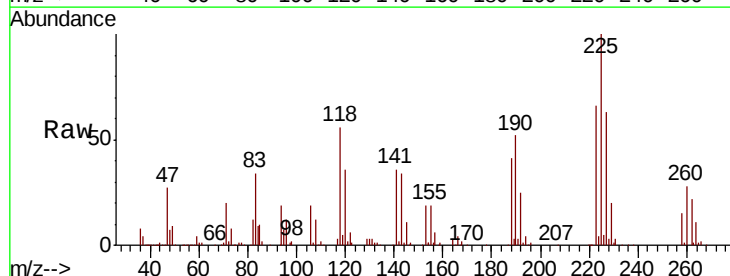
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

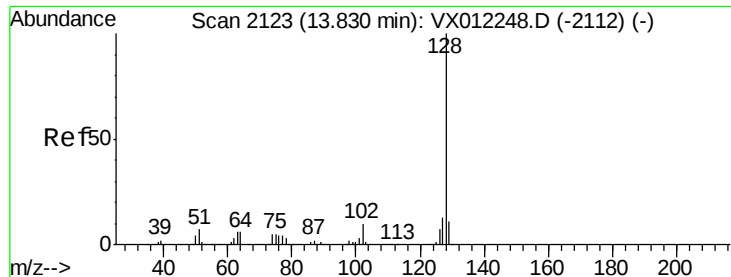
Tgt Ion:180 Resp: 102172
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.8
 145 33.8 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 49.998 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion:225 Resp: 52045
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.5
 227 63.1 32.5 97.5

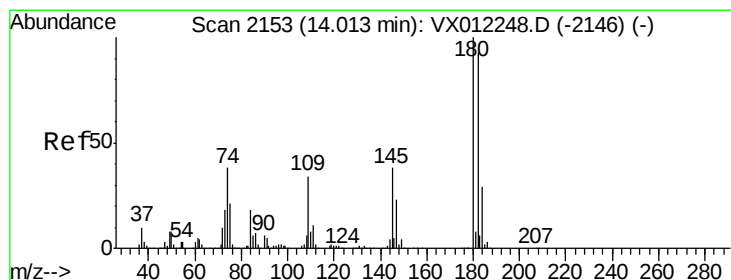
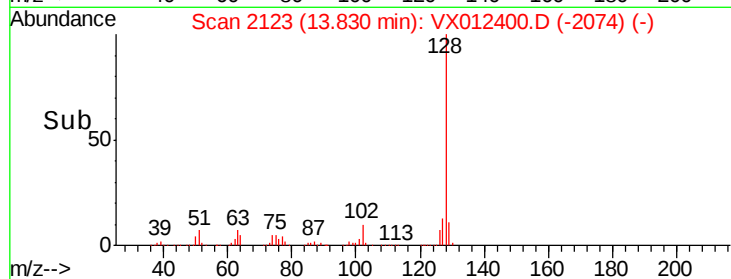
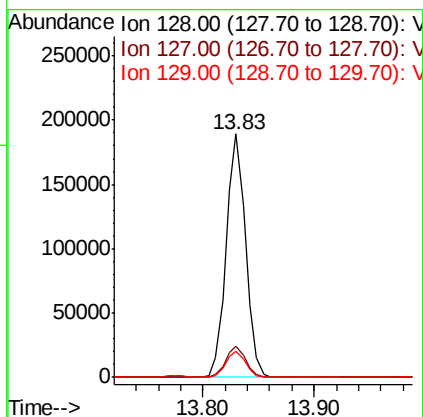
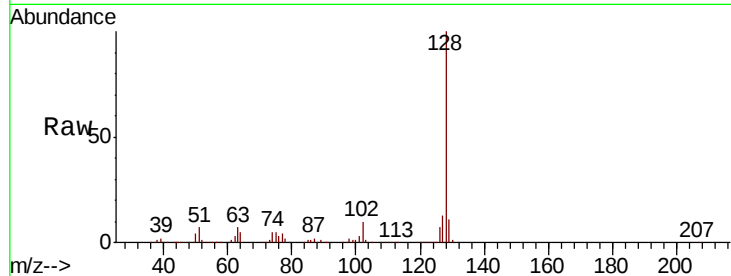




#95
Naphthalene
Concen: 50.775 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 228001
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.285 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion:180 Resp: 94948
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 35.2 18.6 55.8

