

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012236.D
 Acq On : 08 Sep 2019 21:19
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 01:52:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	102071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	196069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	183601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	82464	58.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.10%	
35) Dibromofluoromethane	5.48	113	63042	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	8.71	98	230002	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	103182	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	38231	40.617	ug/l	96
3) Chloromethane	1.31	50	46976	48.731	ug/l	97
4) Vinyl Chloride	1.39	62	42663	47.041	ug/l	97
5) Bromomethane	1.62	94	23561	52.369	ug/l	96
6) Chloroethane	1.71	64	28956	51.358	ug/l	95
7) Trichlorofluoromethane	1.92	101	65603	46.571	ug/l	98
8) Diethyl Ether	2.17	74	27858	57.228	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45960	44.050	ug/l #	84
10) Methyl Iodide	2.50	142	27962	29.759	ug/l	92
11) Tert butyl alcohol	3.03	59	57813	427.374	ug/l	98
12) 1,1-Dichloroethene	2.36	96	45254	45.025	ug/l	85
13) Acrolein	2.28	56	8589	251.641	ug/l	99
14) Allyl chloride	2.71	41	94462	51.940	ug/l	98
15) Acrylonitrile	3.12	53	101599	332.140	ug/l	98
16) Acetone	2.43	43	93330	277.246	ug/l	97
17) Carbon Disulfide	2.56	76	128098	43.610	ug/l	99
18) Methyl Acetate	2.76	43	49353	62.235	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	191537	58.535	ug/l	99
20) Methylene Chloride	2.84	84	64528	47.735	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	58209	49.353	ug/l	90
22) Diisopropyl ether	3.84	45	223288	60.236	ug/l	97
23) Vinyl Acetate	3.80	43	743491	310.051	ug/l	97
24) 1,1-Dichloroethane	3.68	63	115821	53.872	ug/l	97
25) 2-Butanone	4.65	43	155474	362.827	ug/l	95
26) 2,2-Dichloropropane	4.57	77	87375	44.020	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	74865	54.150	ug/l	91
28) Bromochloromethane	5.00	49	44118	51.408	ug/l #	76
29) Tetrahydrofuran	5.11	42	90506	350.560	ug/l	97
30) Chloroform	5.20	83	135614	58.787	ug/l	96
31) Cyclohexane	5.56	56	73493	42.564	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	103988	51.757	ug/l	96
36) 1,1-Dichloropropene	5.79	75	78572	45.499	ug/l	95
37) Ethyl Acetate	4.81	43	64075	68.234	ug/l	99
38) Carbon Tetrachloride	5.77	117	85831	47.169	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	80619	40.224	ug/l	95
40) Benzene	6.13	78	255059	51.449	ug/l	100
41) Methacrylonitrile	5.03	41	39452	70.449	ug/l	97
42) 1,2-Dichloroethane	6.18	62	110950	62.190	ug/l	96
43) Isopropyl Acetate	6.43	43	133311	69.818	ug/l	97
44) Trichloroethene	7.20	130	68237	51.032	ug/l	77
45) 1,2-Dichloropropane	7.50	63	73874	57.676	ug/l	98
46) Dibromomethane	7.65	93	47158	63.070	ug/l #	73
47) Bromodichloromethane	7.89	83	118502	62.351	ug/l	98
48) Methyl methacrylate	7.76	41	67951	70.777	ug/l	94
49) 1,4-Dioxane	7.73	88	20509	1567.029	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	397573	409.361	ug/l	97
52) Toluene	8.78	92	176655	54.766	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	123037	62.530	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	127572	58.303	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	72744	68.050	ug/l	97
56) Ethyl methacrylate	9.17	69	108496	70.858	ug/l	94
57) 1,3-Dichloropropane	9.37	76	123825	67.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	183290	265.518	ug/l	95
59) 2-Hexanone	9.48	43	288799	407.526	ug/l	96
60) Dibromochloromethane	9.57	129	87425	68.622	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70176	67.938	ug/l	98
64) Tetrachloroethene	9.33	164	66559	58.148	ug/l #	87
65) Chlorobenzene	10.14	112	209867	57.933	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	84706	63.949	ug/l	97
67) Ethyl Benzene	10.25	91	357465	54.135	ug/l	96
68) m/p-Xylenes	10.36	106	267777	110.065	ug/l	92
69) o-Xylene	10.70	106	135147	57.286	ug/l	89
70) Styrene	10.71	104	248177	60.565	ug/l	95
71) Bromoform	10.86	173	50932	70.007	ug/l #	97
73) Isopropylbenzene	11.01	105	346341	52.060	ug/l	96
74) N-amyl acetate	10.89	43	141147	71.758	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	96620	69.665	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	107258	96.814	ug/l	77
77) Bromobenzene	11.25	156	90059	60.528	ug/l	71
78) n-propylbenzene	11.35	91	412571	51.332	ug/l	94
79) 2-Chlorotoluene	11.42	91	269962	55.443	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	310866	53.321	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	28460	60.732	ug/l	92
82) 4-Chlorotoluene	11.51	91	329032	56.694	ug/l	91
83) tert-Butylbenzene	11.76	119	292946	52.719	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	324179	54.102	ug/l	95
85) sec-Butylbenzene	11.94	105	343740	49.803	ug/l	94
86) p-Isopropyltoluene	12.06	119	317487	50.581	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	169388	56.814	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	167487	56.182	ug/l	94
89) n-Butylbenzene	12.39	91	296721	48.663	ug/l	96
90) Hexachloroethane	12.59	117	61750	49.270	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	163931	61.051	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20192	69.573	ug/l	65

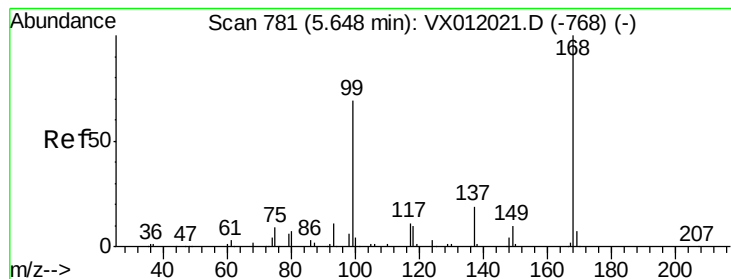
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	103122	53.956	ug/l	97
94) Hexachlorobutadiene	13.78	225	49557	51.439	ug/l	100
95) Naphthalene	13.83	128	260719	63.030	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	94001	55.906	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

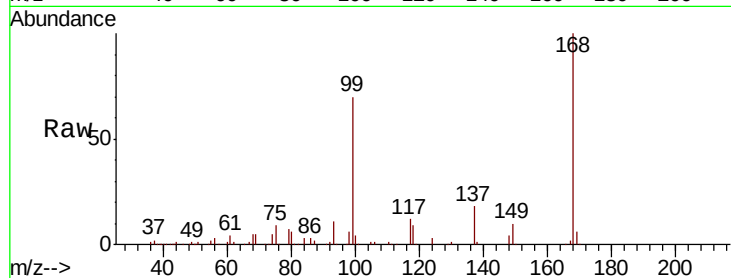
VSTDCCC050EC

Tgt Ion:168 Resp: 102071

Ion Ratio Lower Upper

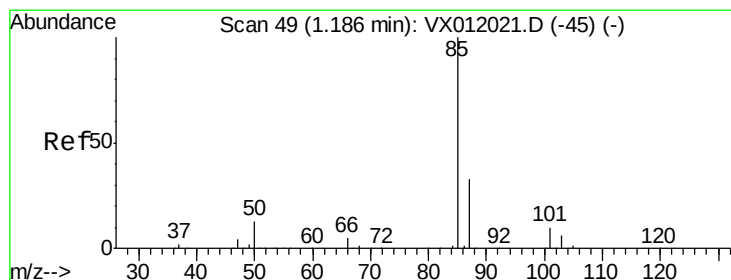
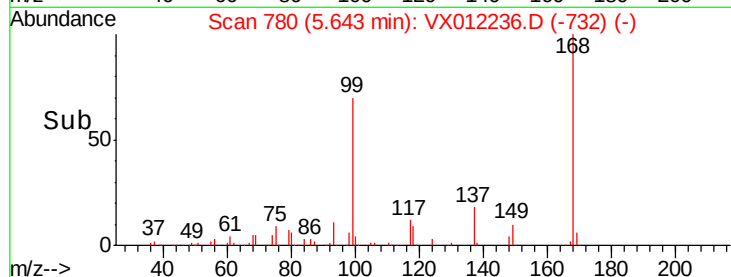
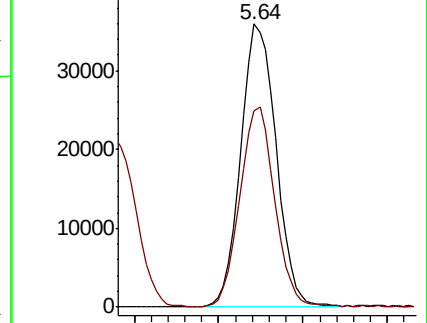
168 100

99 69.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.617 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012236.D

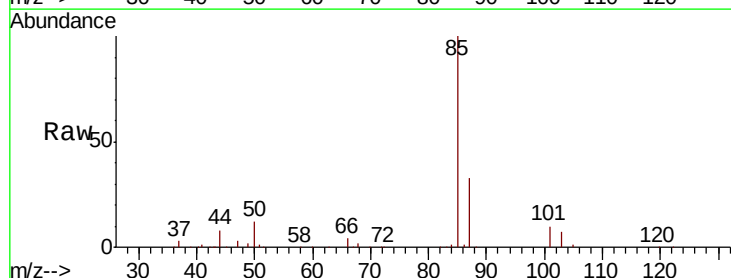
Acq: 08 Sep 2019 21:19

Tgt Ion: 85 Resp: 38231

Ion Ratio Lower Upper

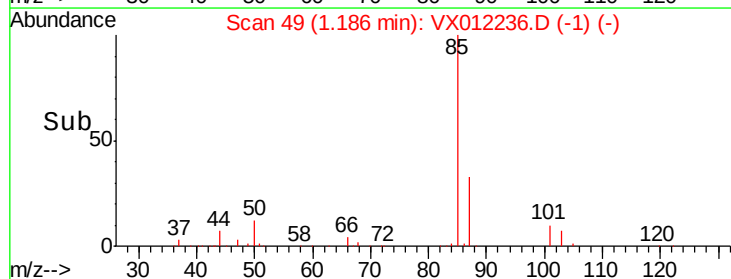
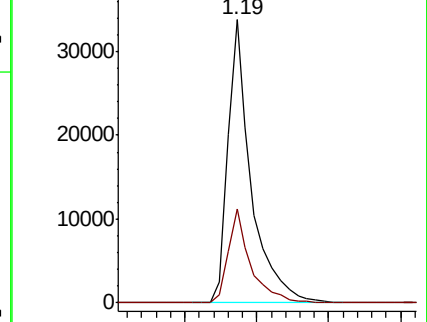
85 100

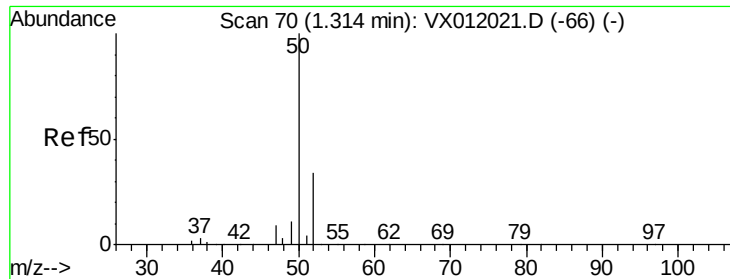
87 33.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.731 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

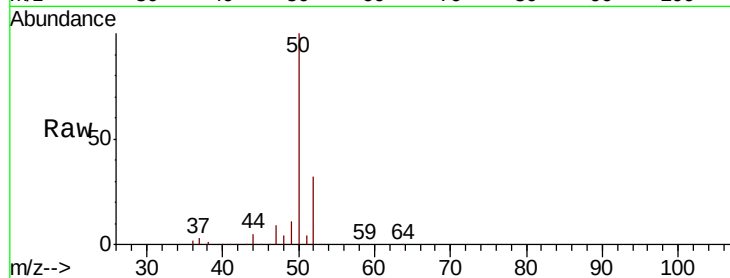
VSTDCCC050EC

Tgt Ion: 50 Resp: 46976

Ion Ratio Lower Upper

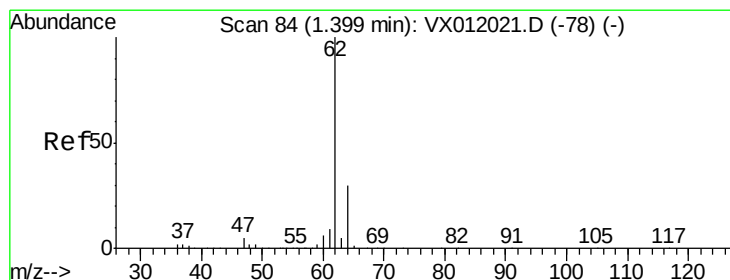
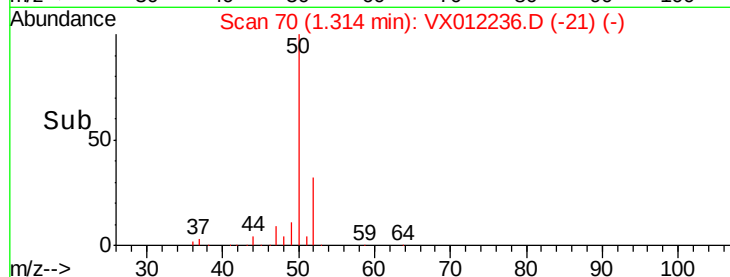
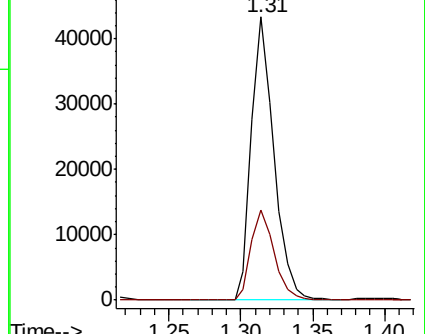
50 100

52 31.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.041 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012236.D

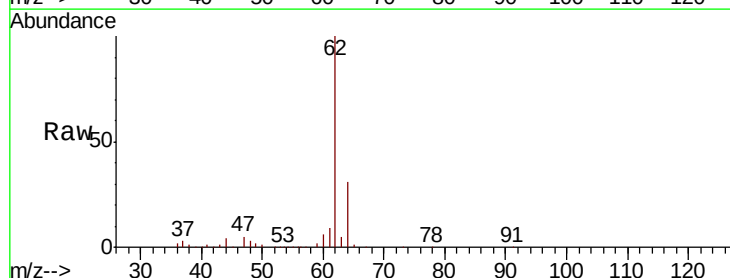
Acq: 08 Sep 2019 21:19

Tgt Ion: 62 Resp: 42663

Ion Ratio Lower Upper

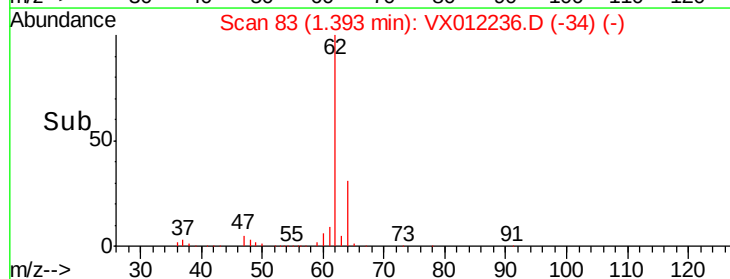
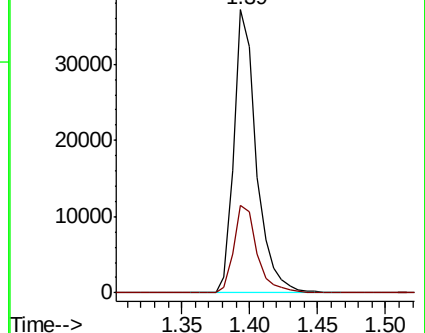
62 100

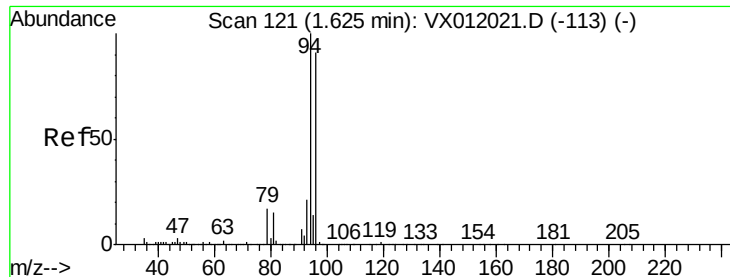
64 31.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.369 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

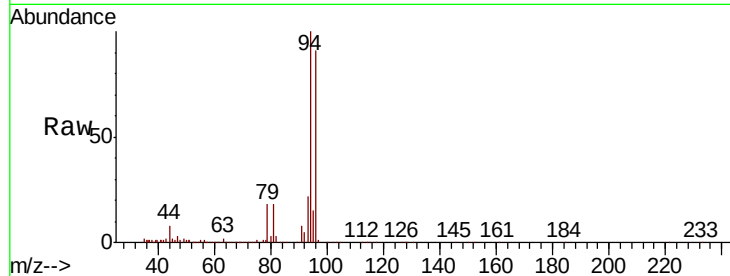
VSTDCCC050EC

Tgt Ion: 94 Resp: 23561

Ion Ratio Lower Upper

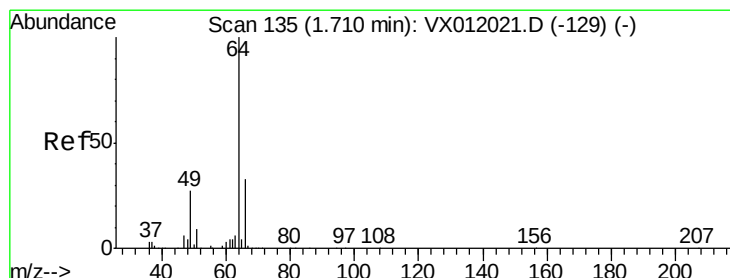
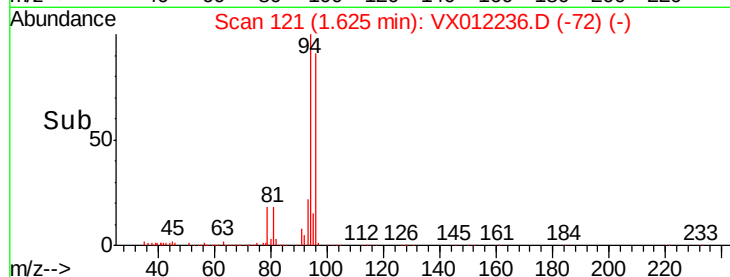
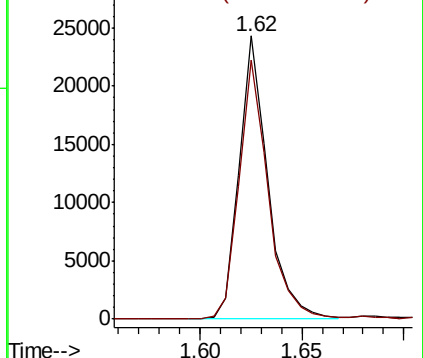
94 100

96 91.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.358 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012236.D

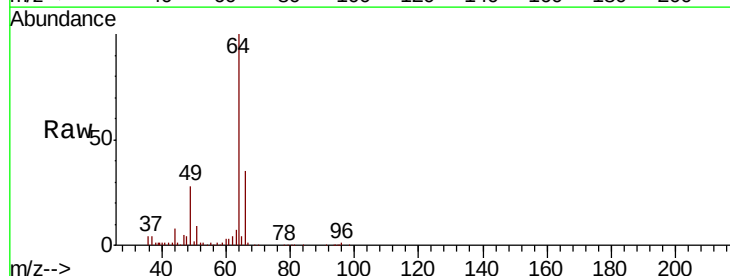
Acq: 08 Sep 2019 21:19

Tgt Ion: 64 Resp: 28956

Ion Ratio Lower Upper

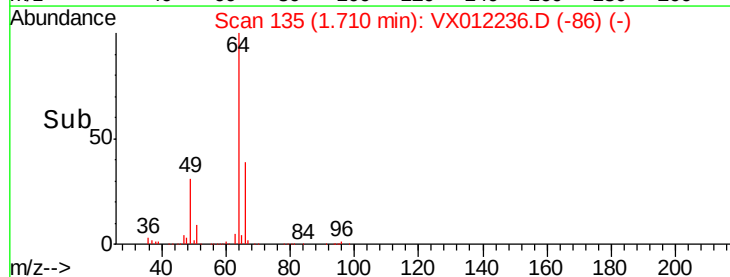
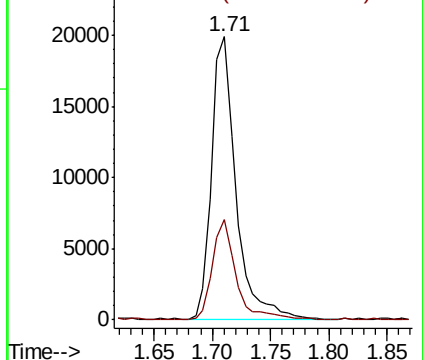
64 100

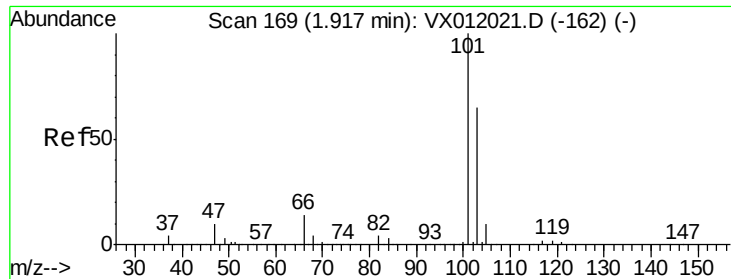
66 35.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



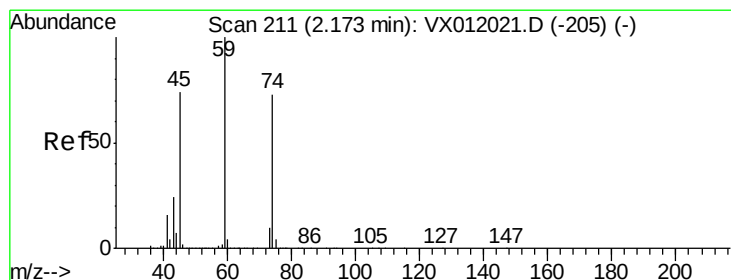
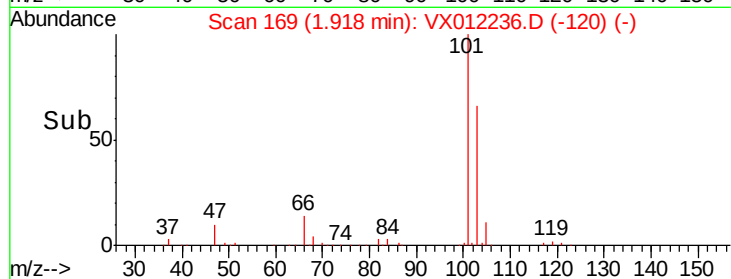
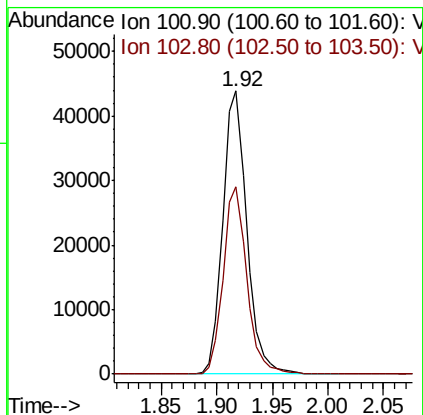
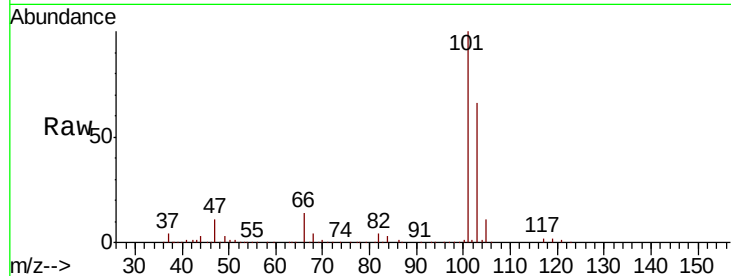


#7

Trichlorofluoromethane
 Concen: 46.571 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

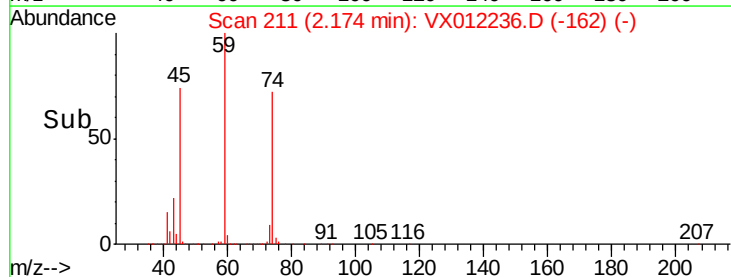
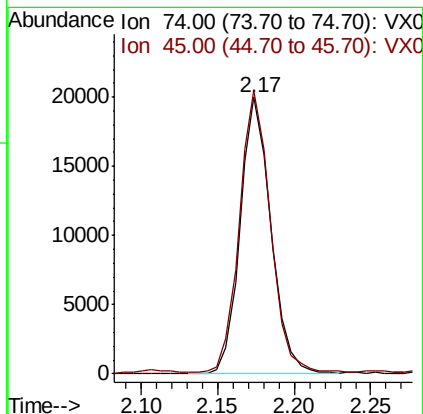
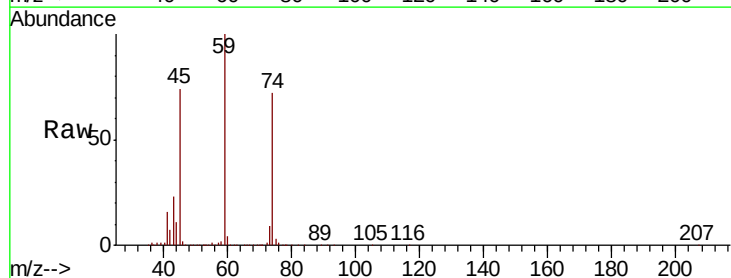
Tgt Ion:101 Resp: 65603
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.6 77.4

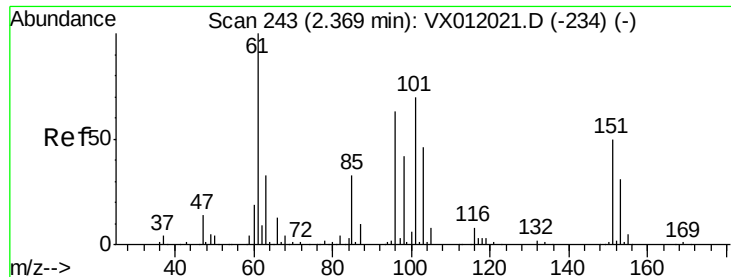


#8

Diethyl Ether
 Concen: 57.228 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 74 Resp: 27858
 Ion Ratio Lower Upper
 74 100
 45 101.8 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.050 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

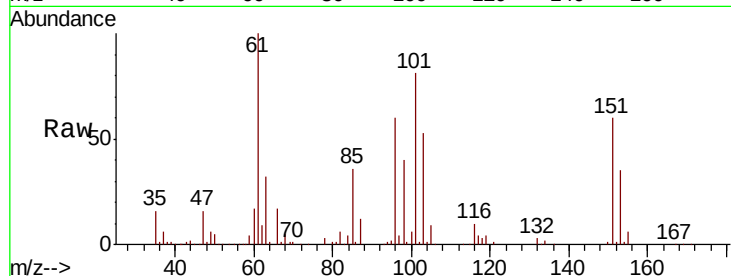
Tgt Ion:101 Resp: 45960

Ion Ratio Lower Upper

101 100

85 47.2 34.5 51.7

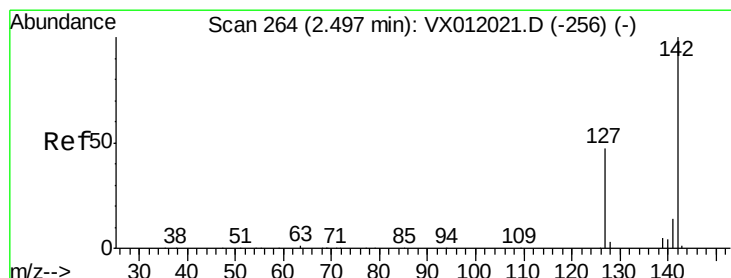
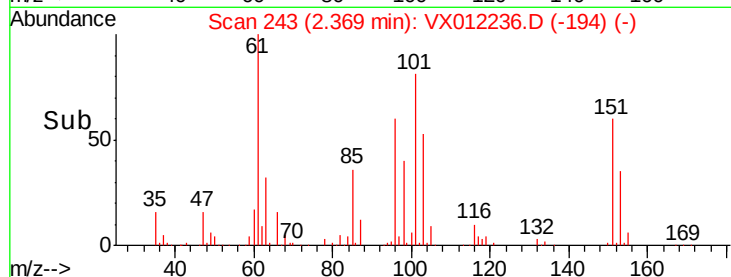
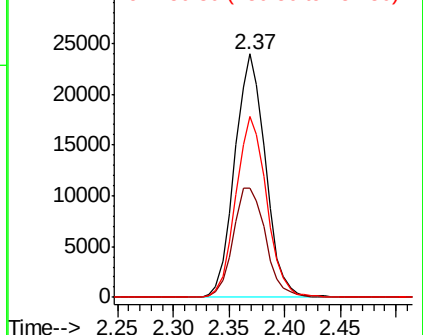
151 74.1 75.0 112.4#



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: 29.759 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

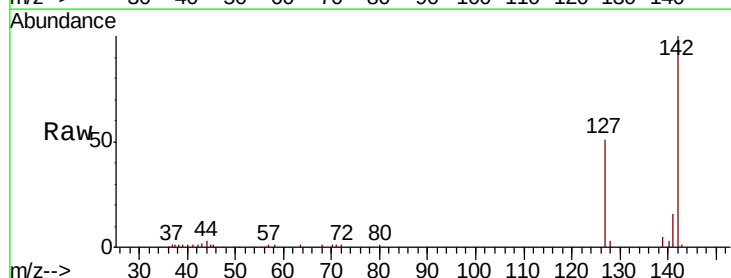
Tgt Ion:142 Resp: 27962

Ion Ratio Lower Upper

142 100

127 50.9 35.4 53.2

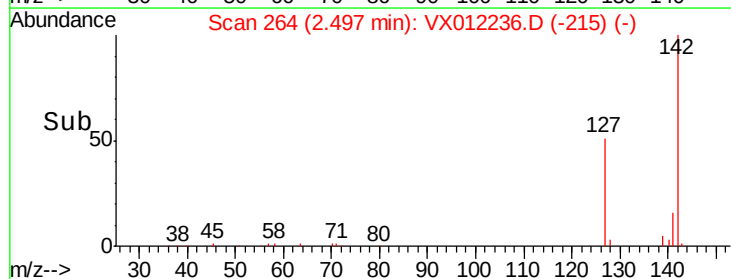
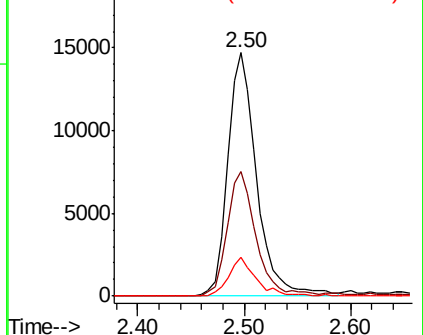
141 14.6 11.4 17.2

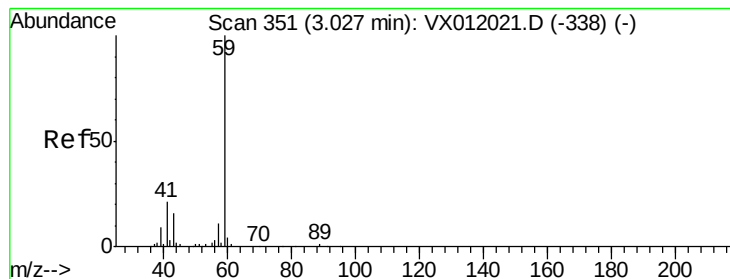


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



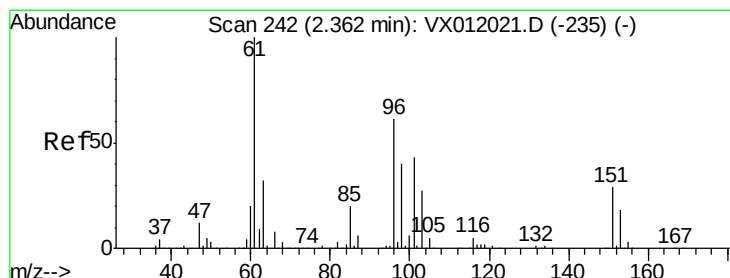
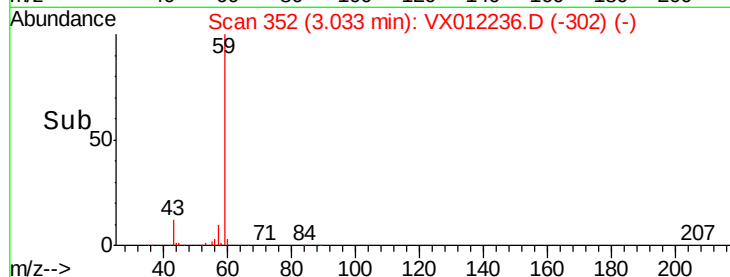
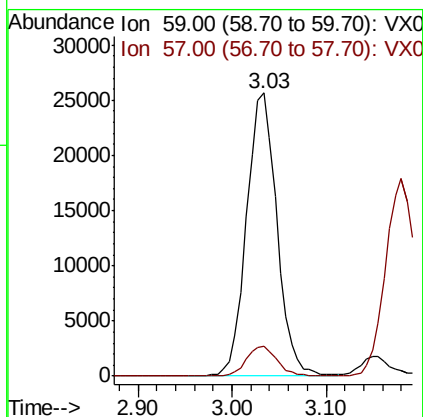
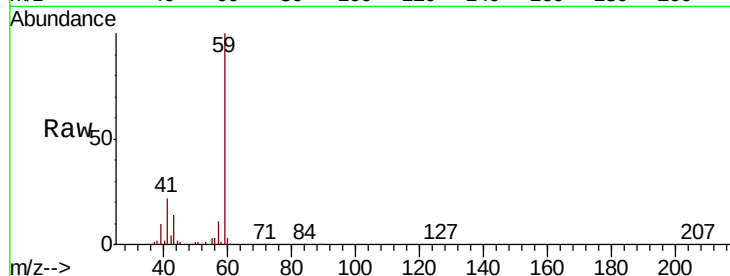


#11

Tert butyl alcohol
 Concen: 427.374 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

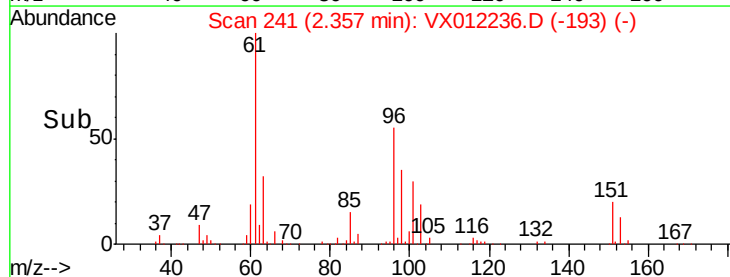
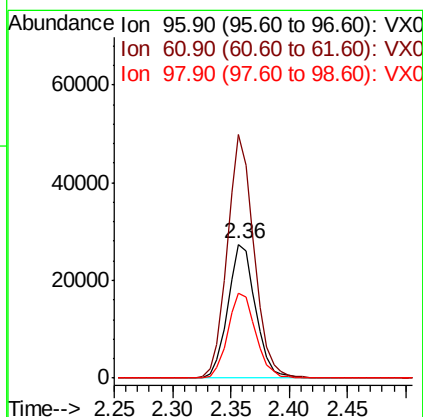
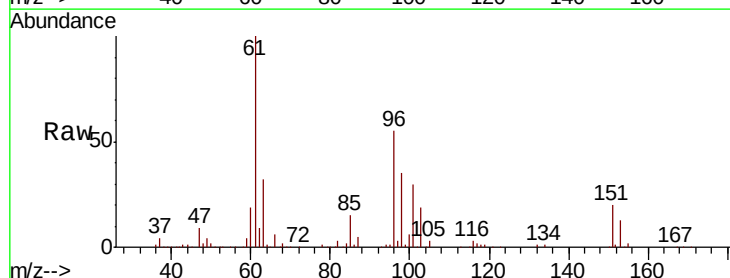
Tgt Ion: 59 Resp: 57813
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.9 11.9

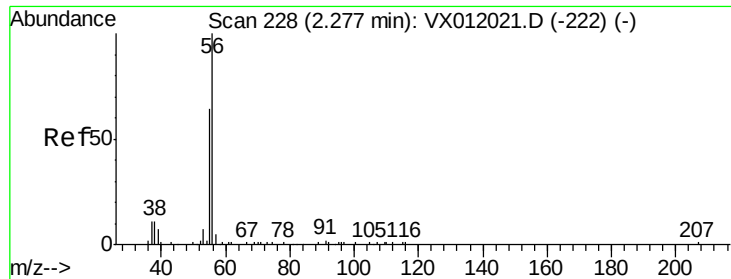


#12

1,1-Dichloroethene
 Concen: 45.025 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 96 Resp: 45254
 Ion Ratio Lower Upper
 96 100
 61 182.3 124.1 186.1
 98 63.4 50.2 75.2





#13

Acrolein

Concen: 251.641 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

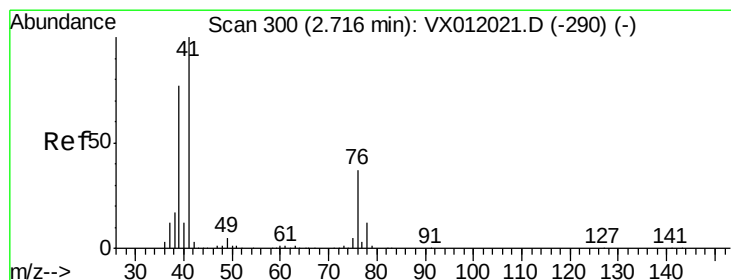
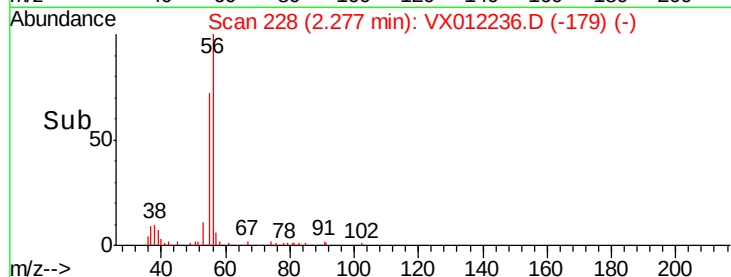
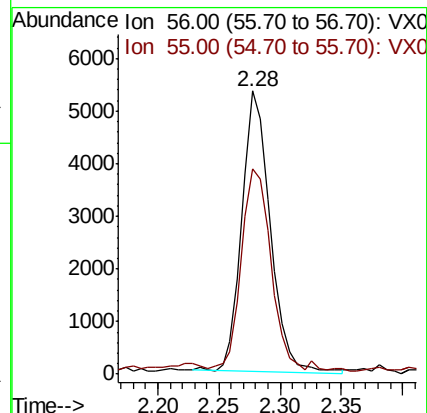
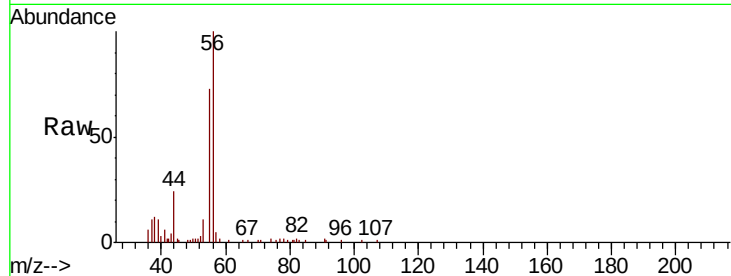
VSTDCCC050EC

Tgt Ion: 56 Resp: 8589

Ion Ratio Lower Upper

56 100

55 73.0 59.2 88.8



#14

Allyl chloride

Concen: 51.940 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

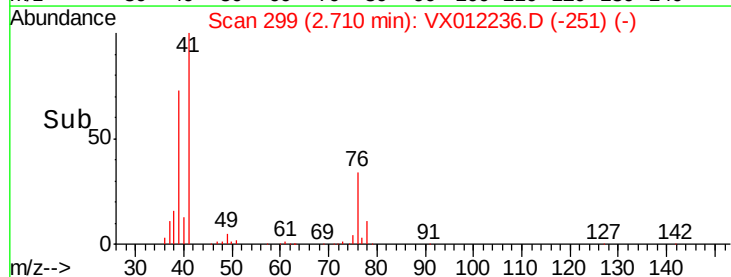
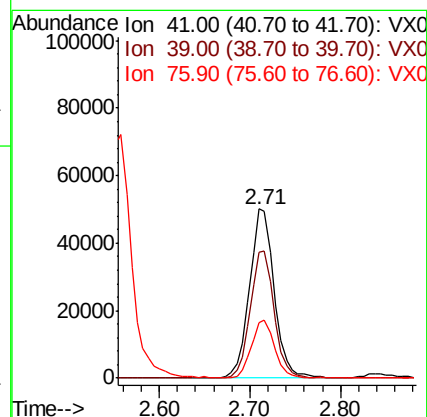
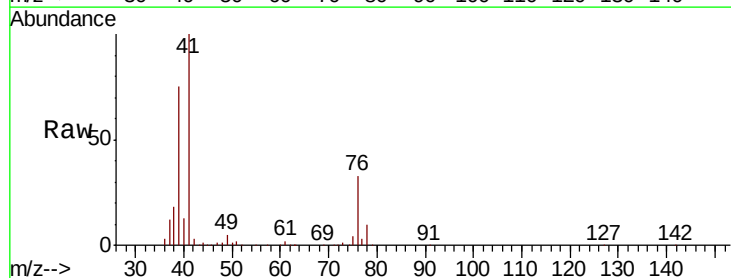
Tgt Ion: 41 Resp: 94462

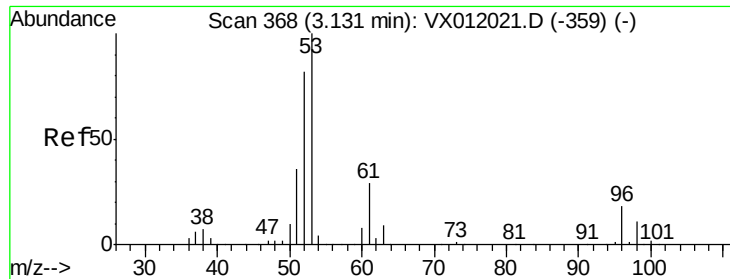
Ion Ratio Lower Upper

41 100

39 72.5 57.9 86.9

76 32.4 28.5 42.7

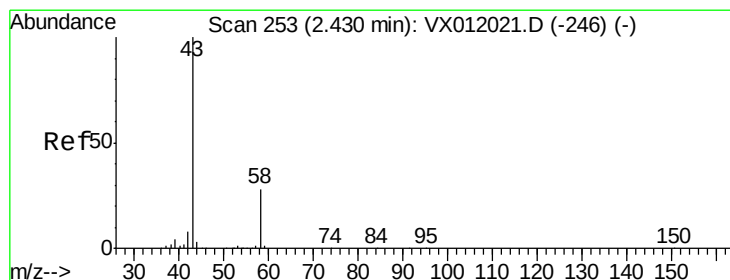
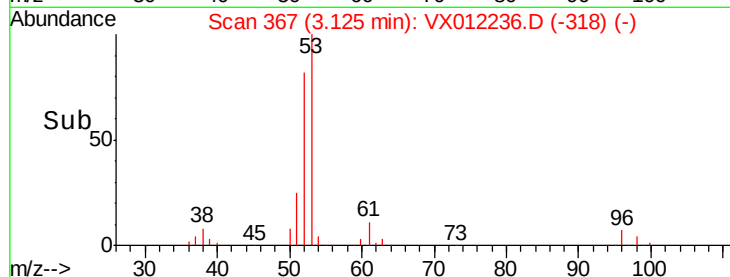
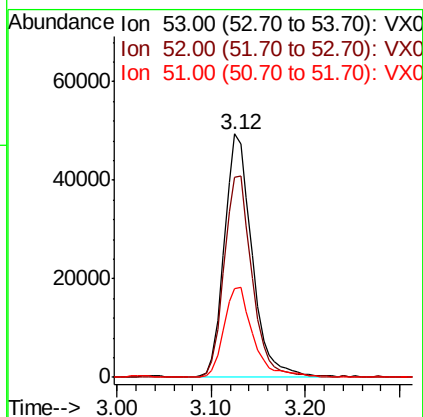
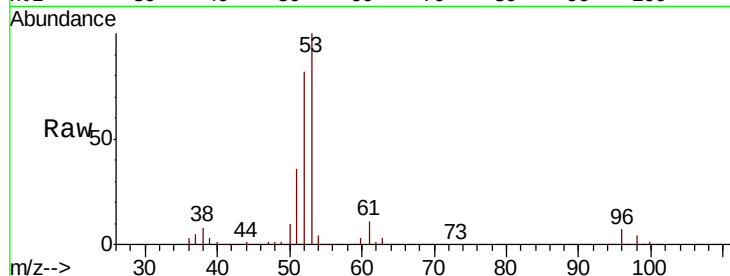




#15
 Acrylonitrile
 Concen: 332.140 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

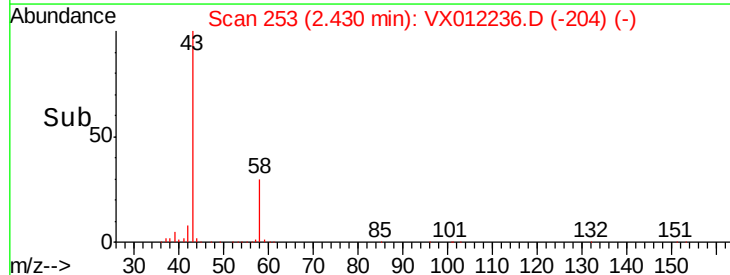
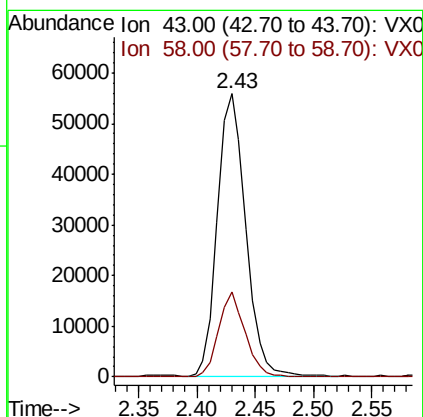
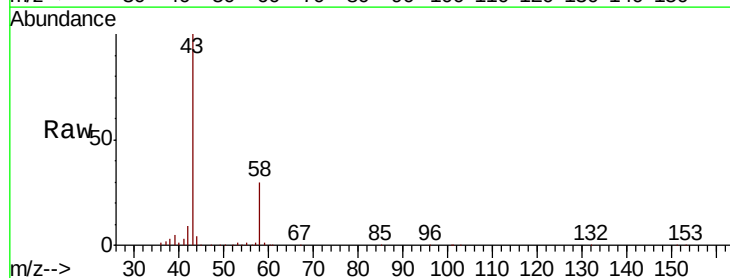
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

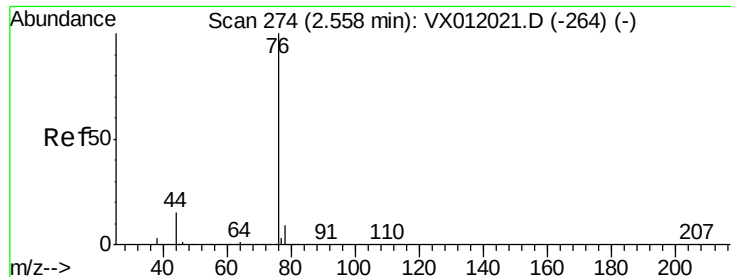
Tgt Ion: 53 Resp: 101599
 Ion Ratio Lower Upper
 53 100
 52 83.2 65.6 98.4
 51 39.1 29.8 44.6



#16
 Acetone
 Concen: 277.246 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 43 Resp: 93330
 Ion Ratio Lower Upper
 43 100
 58 30.1 22.8 34.2

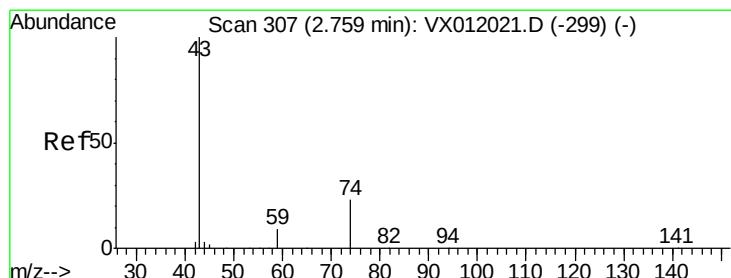
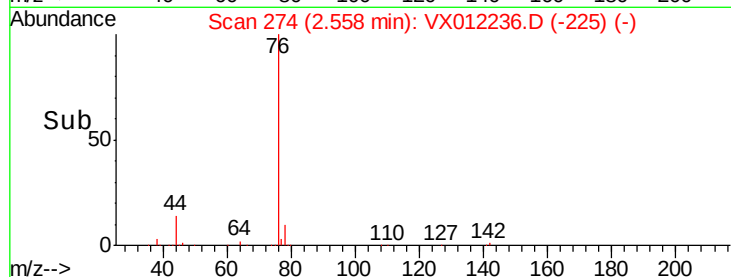
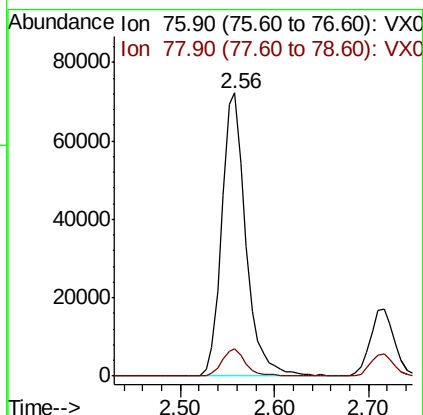
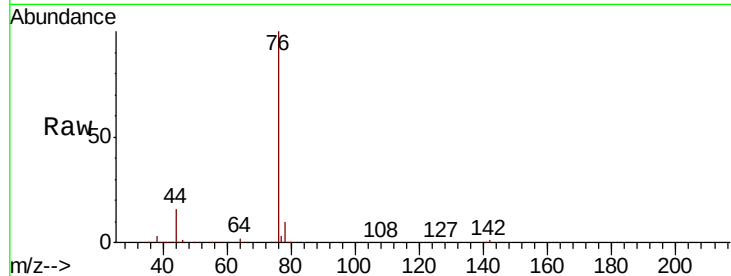




#17
Carbon Disulfide
Concen: 43.610 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

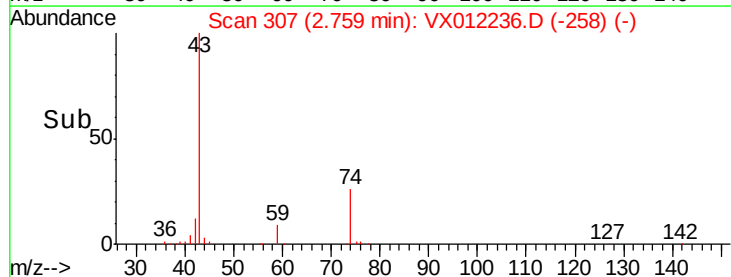
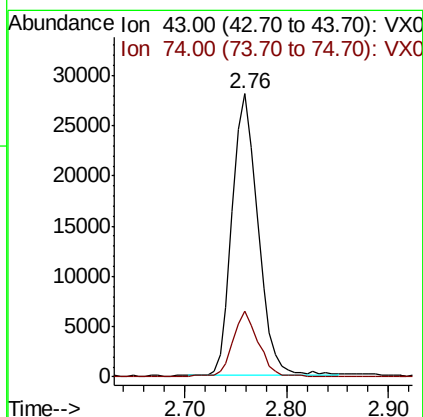
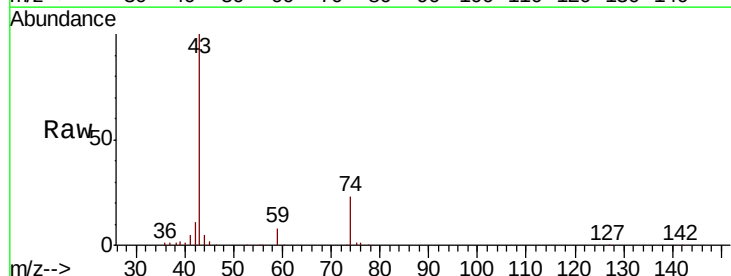
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

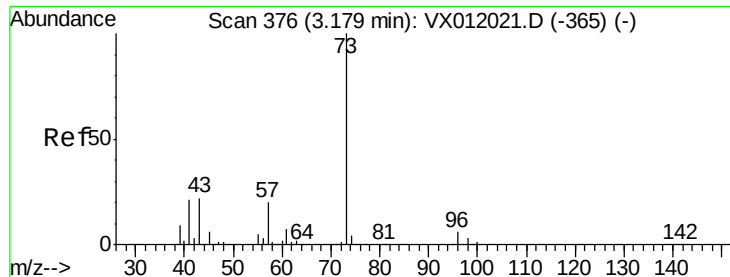
Tgt Ion: 76 Resp: 128098
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 62.235 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion: 43 Resp: 49353
Ion Ratio Lower Upper
43 100
74 23.8 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 58.535 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

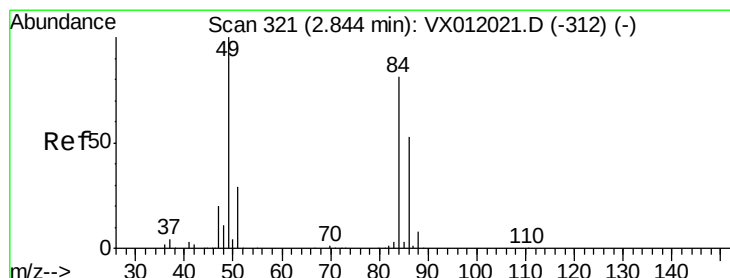
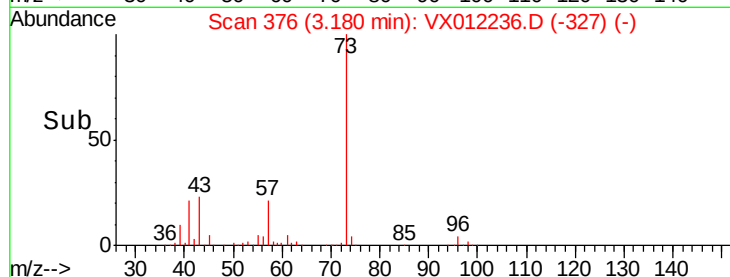
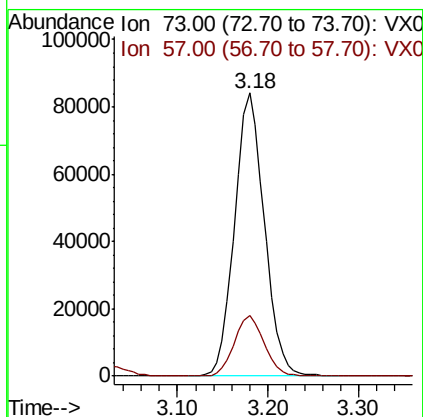
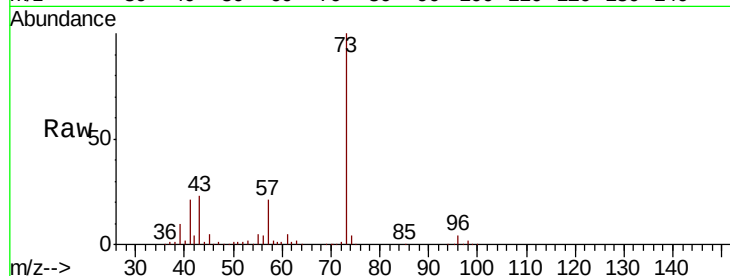
VSTDCCC050EC

Tgt Ion: 73 Resp: 191537

Ion Ratio Lower Upper

73 100

57 21.3 16.6 25.0



#20

Methylene Chloride

Concen: 47.735 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Tgt Ion: 84 Resp: 64528

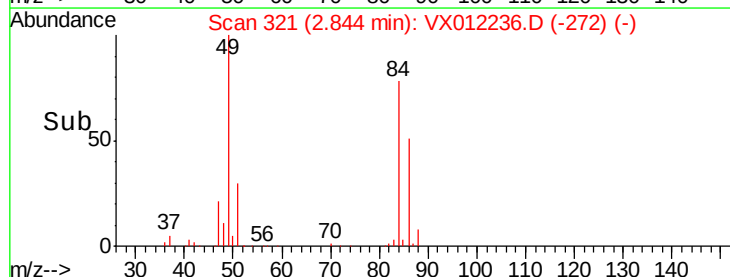
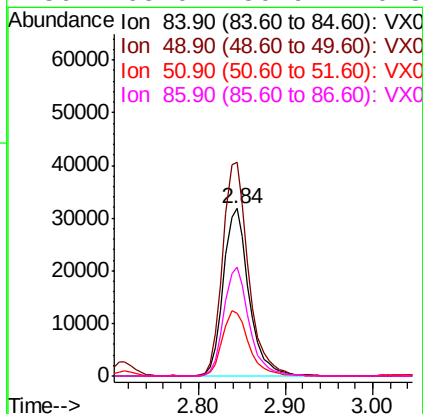
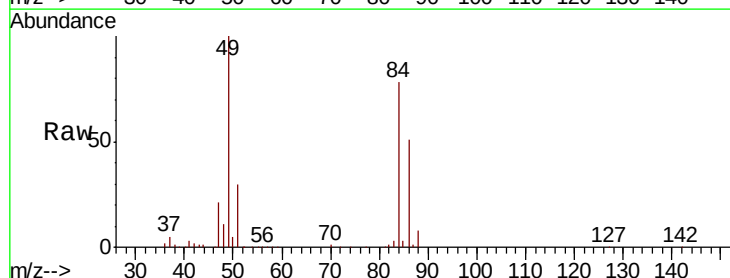
Ion Ratio Lower Upper

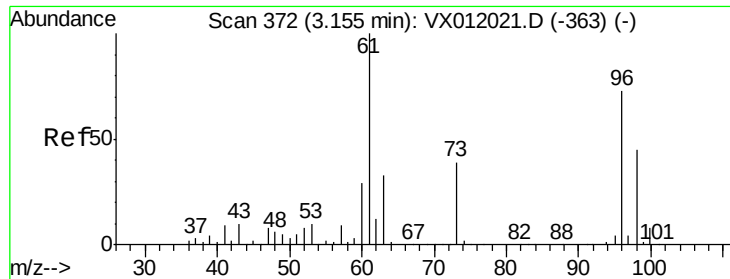
84 100

49 127.6 95.8 143.8

51 37.9 28.6 43.0

86 65.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 49.353 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

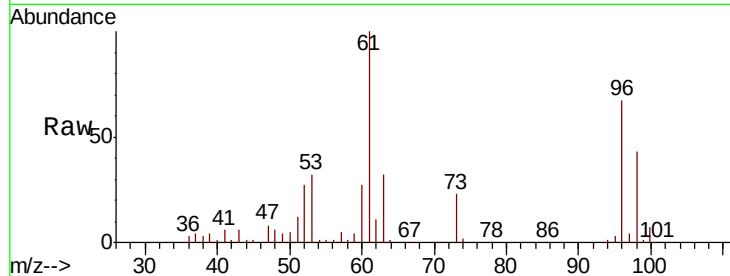
Tgt Ion: 96 Resp: 58209

Ion Ratio Lower Upper

96 100

61 150.2 107.0 160.6

98 64.7 49.8 74.6

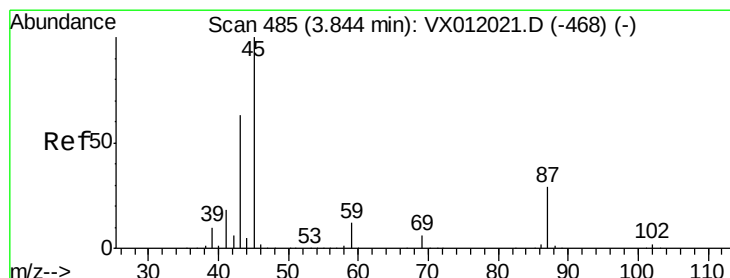
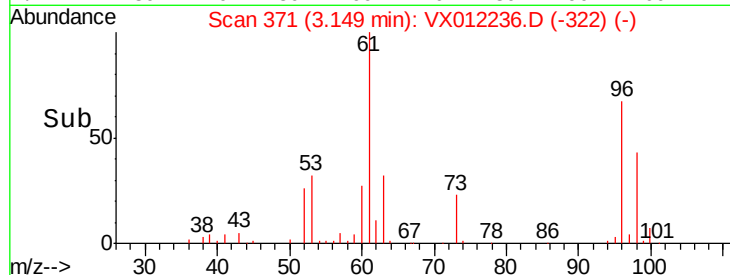
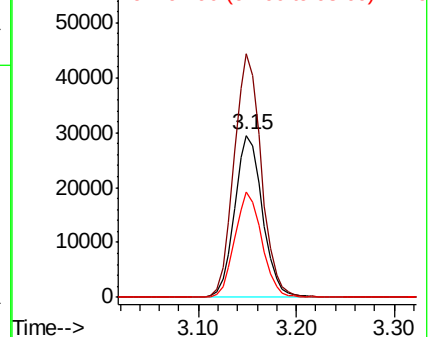


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 60.236 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Tgt Ion: 45 Resp: 223288

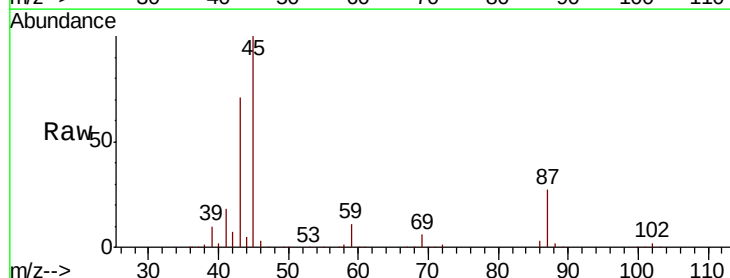
Ion Ratio Lower Upper

45 100

43 70.8 54.2 81.4

87 27.0 23.4 35.0

59 11.3 9.0 13.6



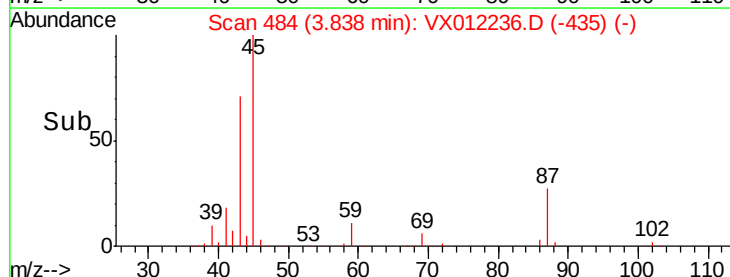
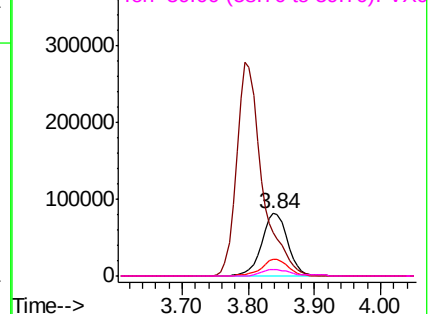
Abundance

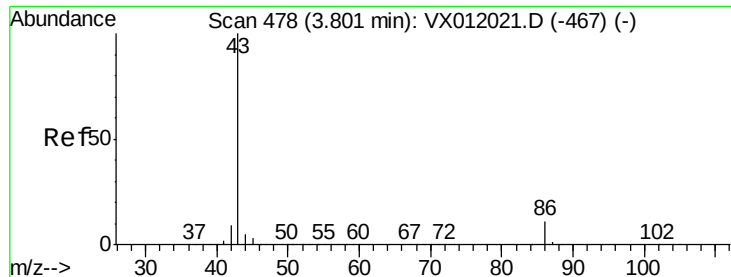
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 310.051 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

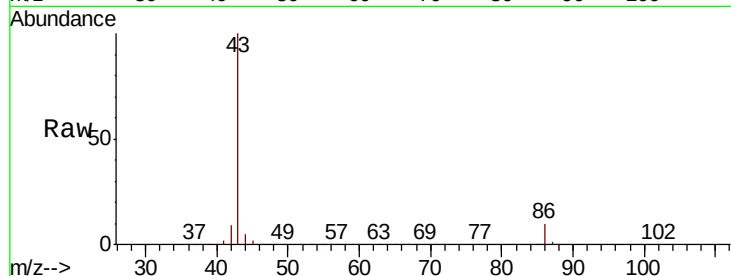
VSTDCCC050EC

Tgt Ion: 43 Resp: 743491

Ion Ratio Lower Upper

43 100

86 10.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

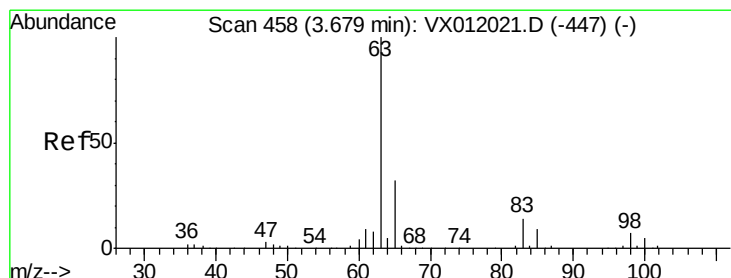
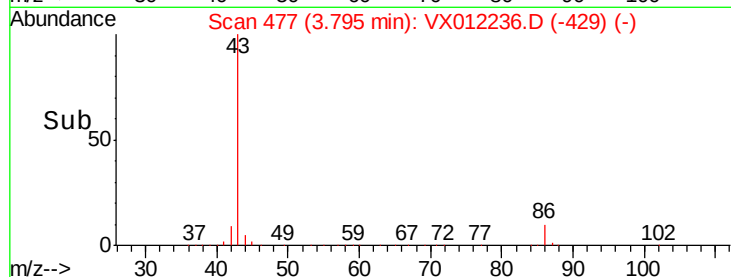
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 53.872 ug/l

RT: 3.68 min Scan# 458

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

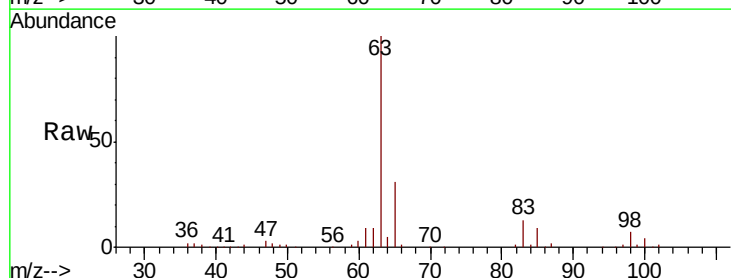
Tgt Ion: 63 Resp: 115821

Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 4.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

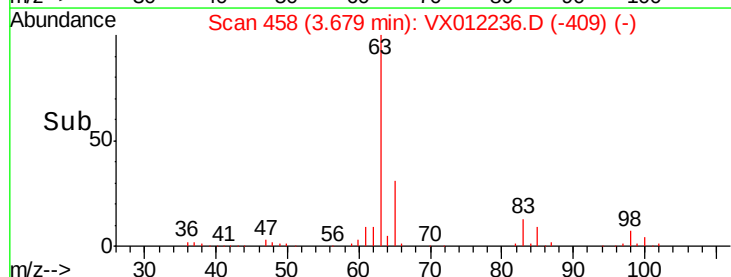
30000

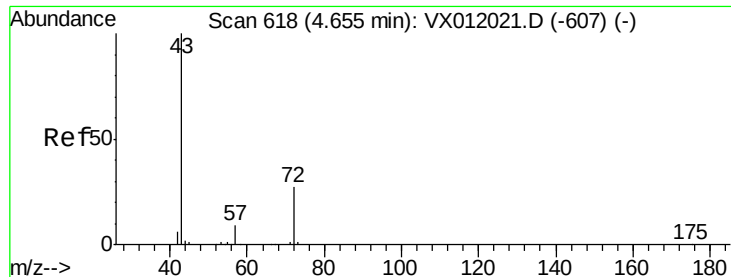
20000

10000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 362.827 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

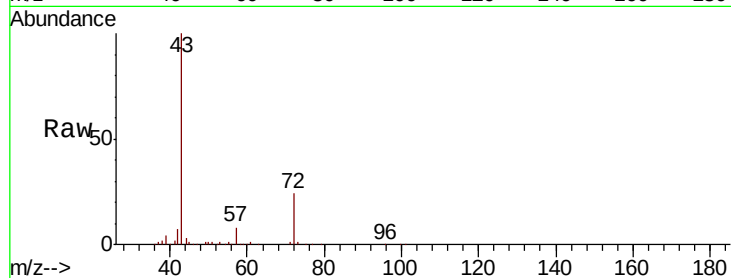
VSTDCCC050EC

Tgt Ion: 43 Resp: 155474

Ion Ratio Lower Upper

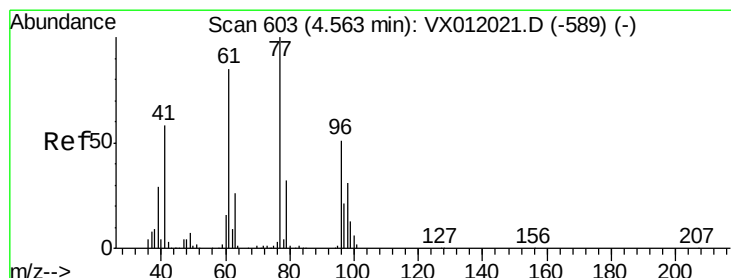
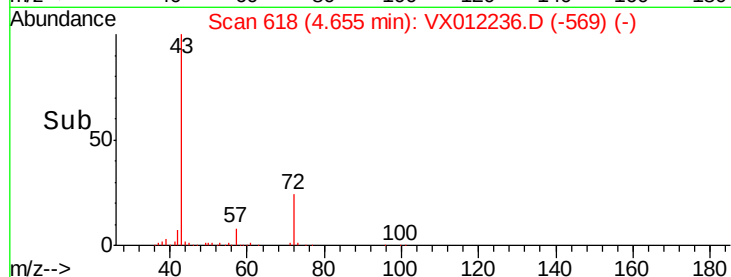
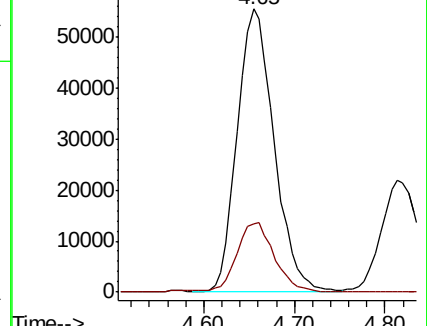
43 100

72 24.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.020 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012236.D

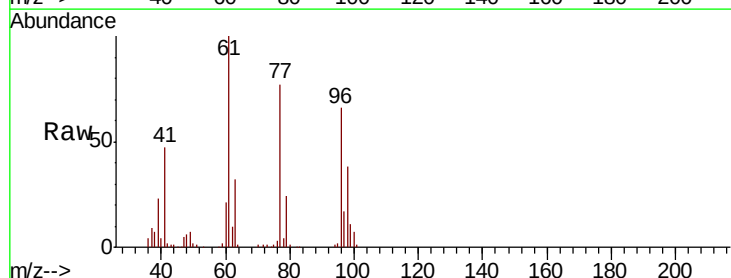
Acq: 08 Sep 2019 21:19

Tgt Ion: 77 Resp: 87375

Ion Ratio Lower Upper

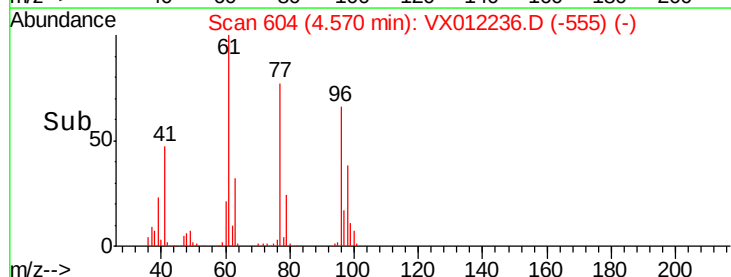
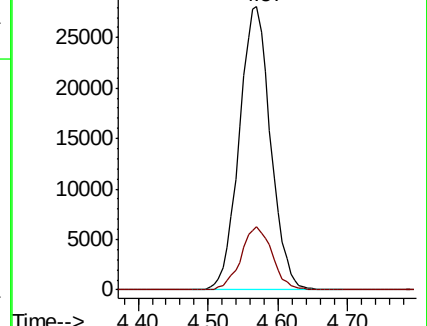
77 100

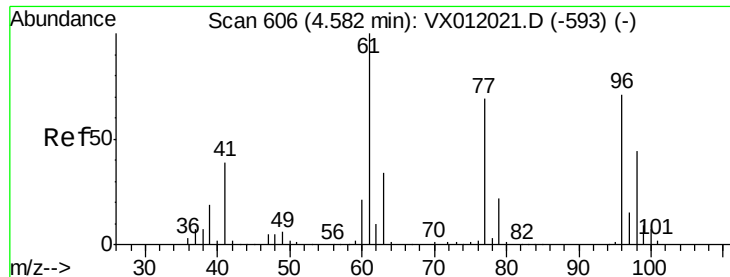
97 22.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



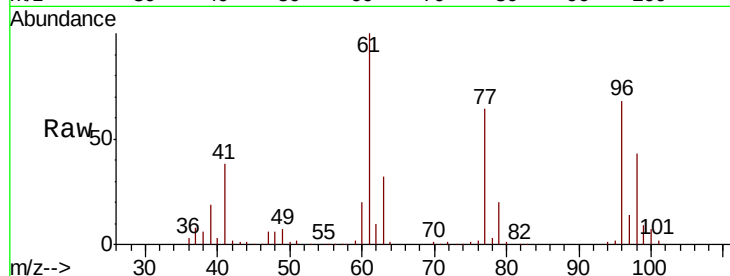


#27

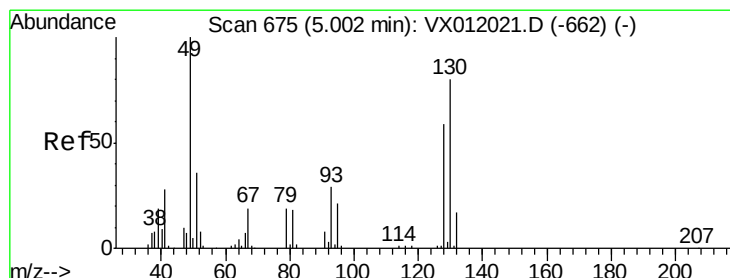
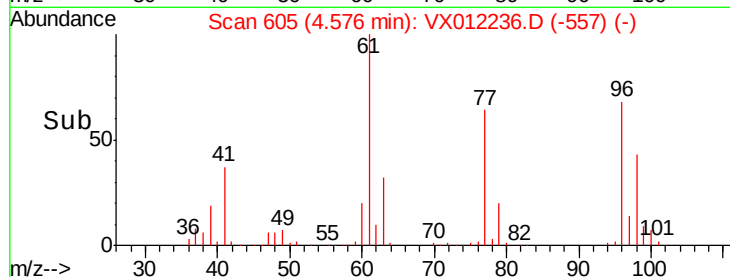
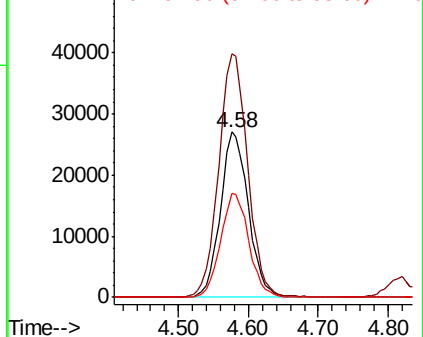
cis-1,2-Dichloroethene
Concen: 54.150 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 74865
Ion Ratio Lower Upper
96 100
61 152.9 0.0 277.0
98 63.0 0.0 128.4



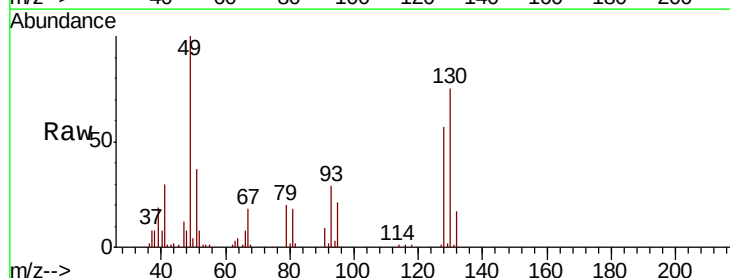
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



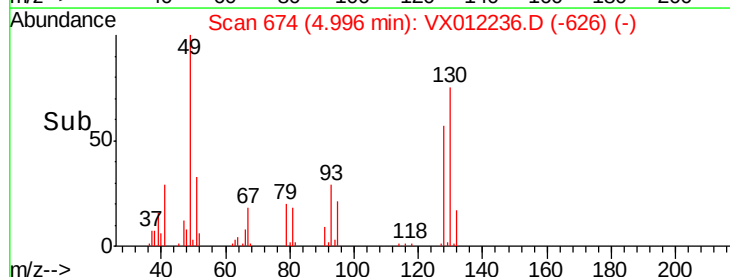
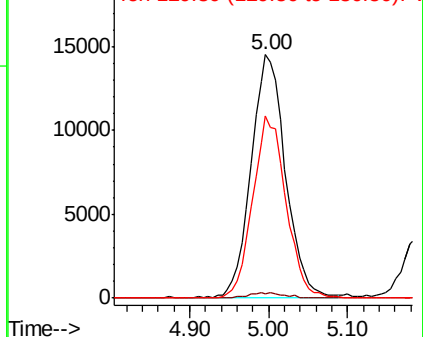
#28

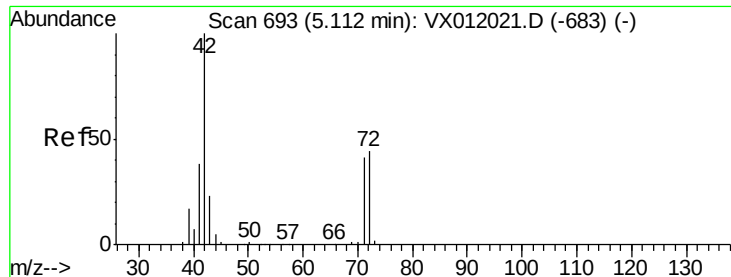
Bromochloromethane
Concen: 51.408 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion: 49 Resp: 44118
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.6
130 72.2 76.7 115.1#



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: 350.560 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

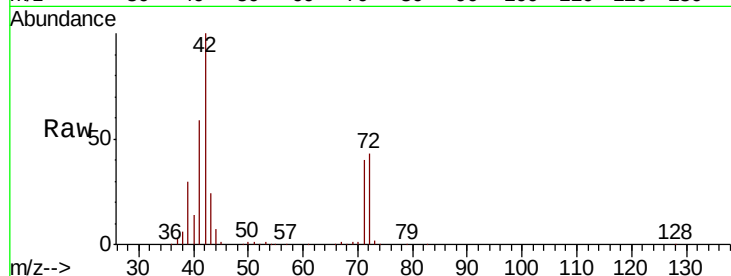
Tgt Ion: 42 Resp: 90506

Ion Ratio Lower Upper

42 100

72 44.4 37.0 55.4

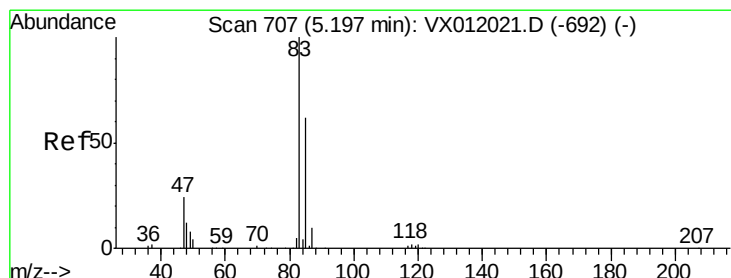
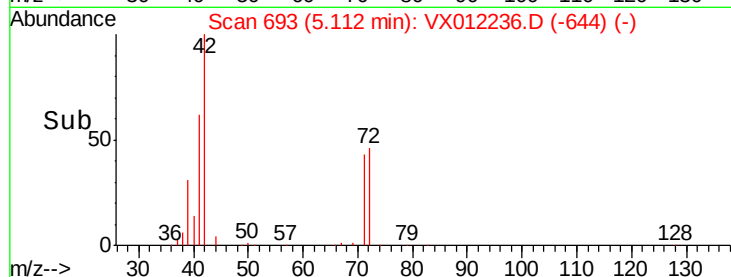
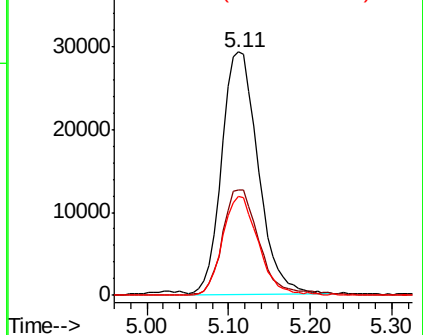
71 40.1 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 58.787 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012236.D

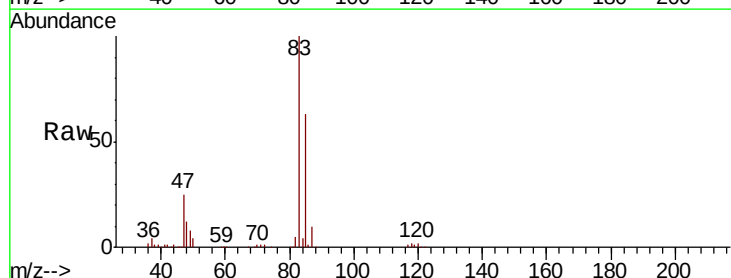
Acq: 08 Sep 2019 21:19

Tgt Ion: 83 Resp: 135614

Ion Ratio Lower Upper

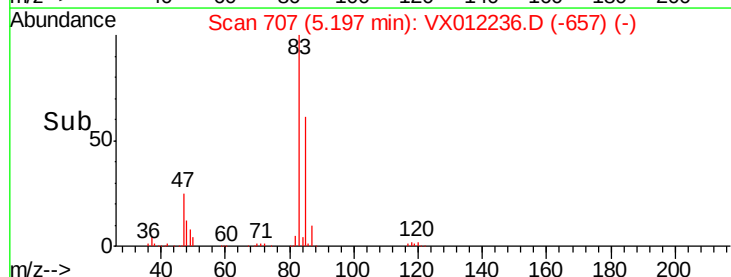
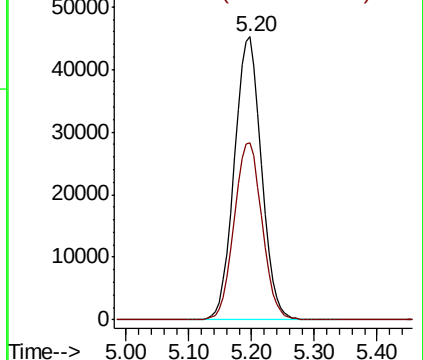
83 100

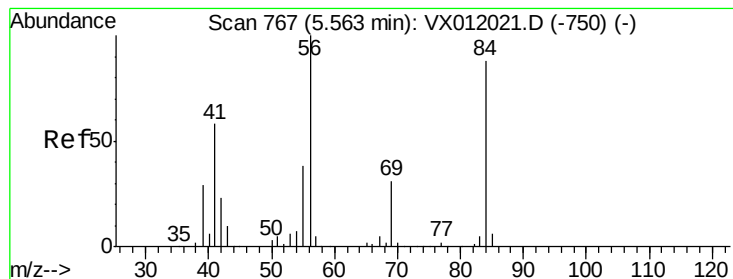
85 62.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 42.564 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

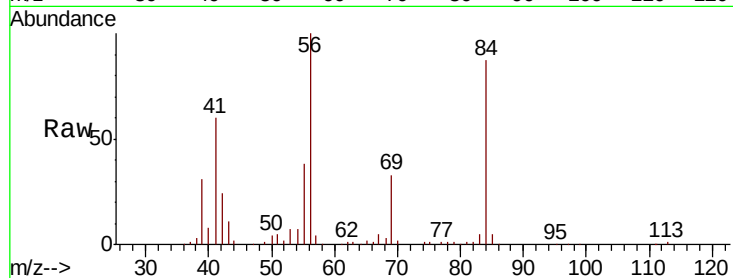
Tgt Ion: 56 Resp: 73493

Ion Ratio Lower Upper

56 100

69 32.9 25.7 38.5

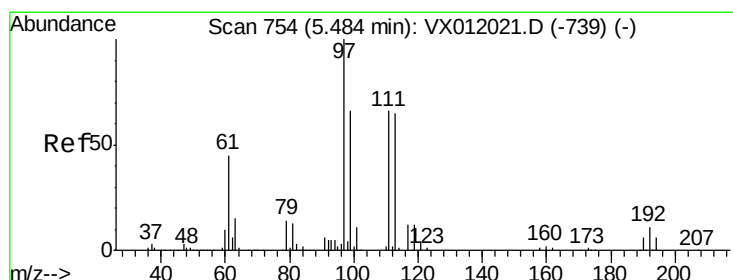
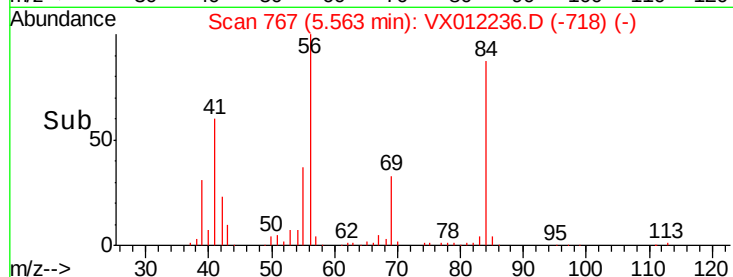
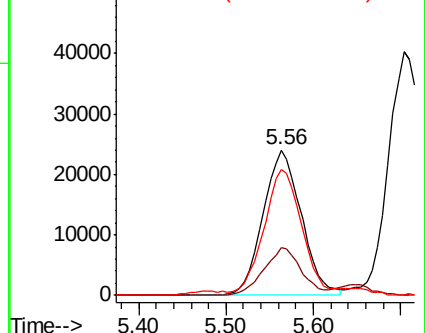
84 85.2 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.757 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

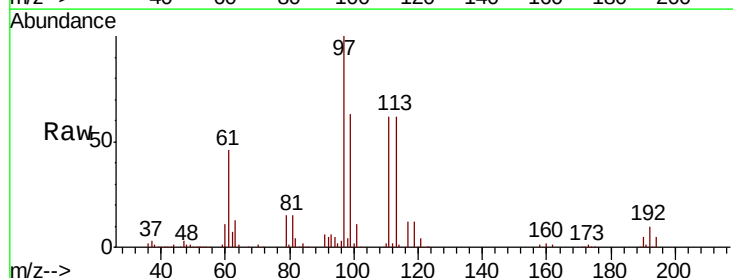
Tgt Ion: 97 Resp: 103988

Ion Ratio Lower Upper

97 100

99 63.8 52.1 78.1

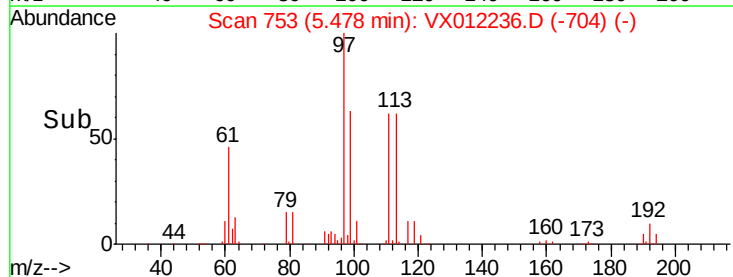
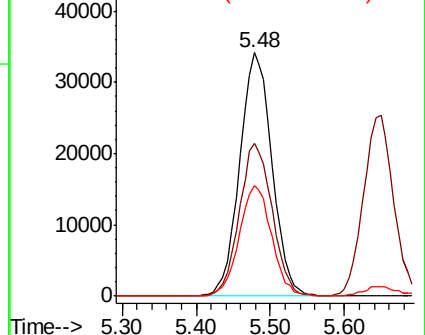
61 45.5 32.8 49.2

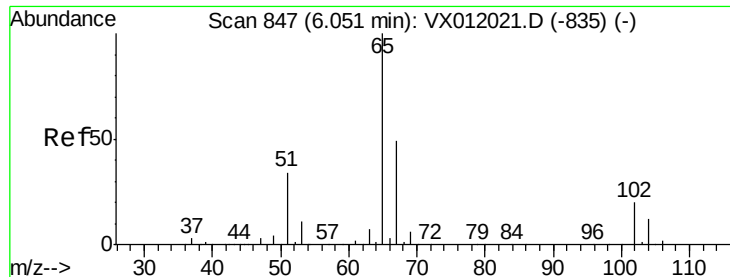


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

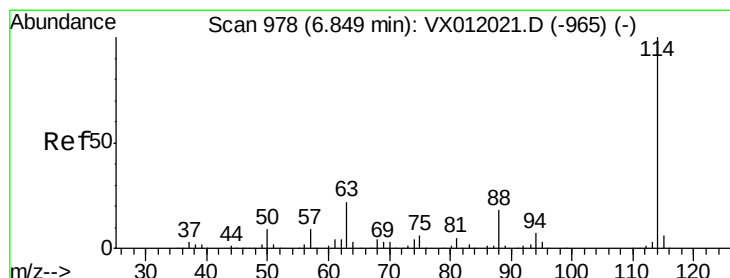
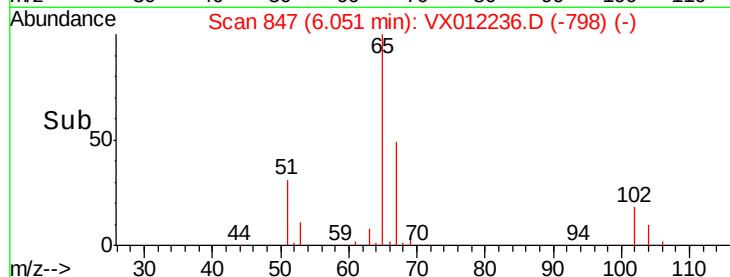
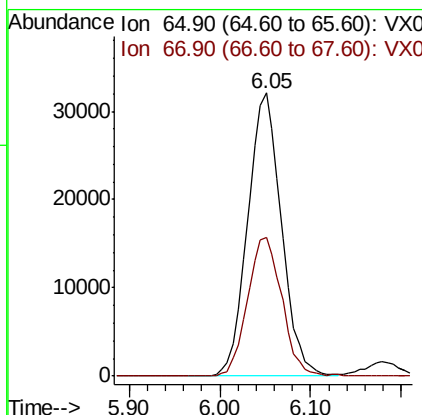
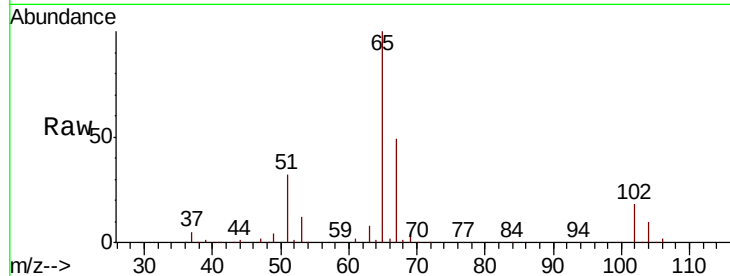




#33
 1,2-Dichloroethane-d4
 Concen: 58.552 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

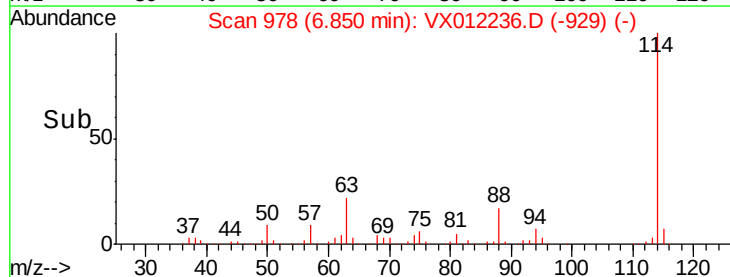
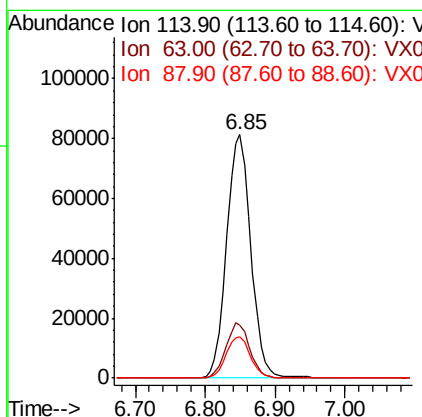
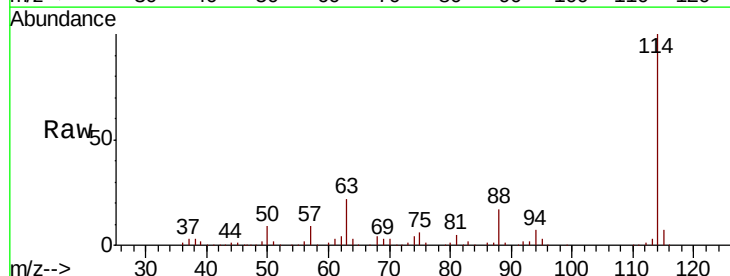
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

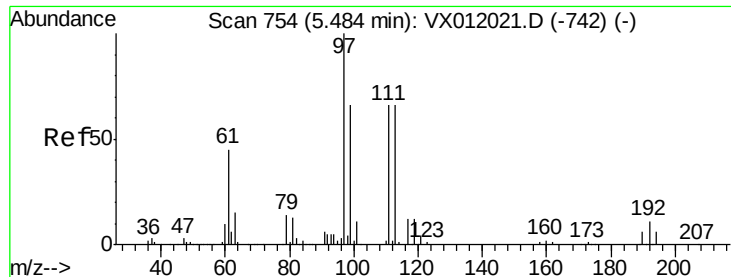
Tgt Ion: 65 Resp: 82464
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 114 Resp: 196069
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 16.8 0.0 29.6

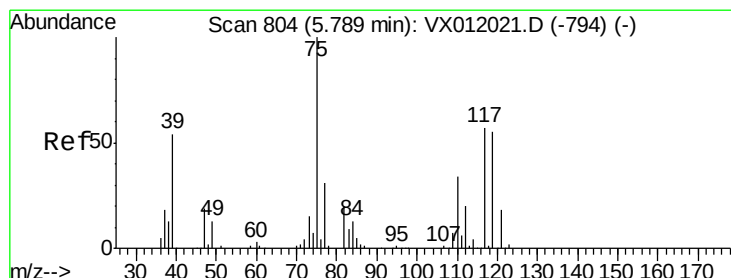
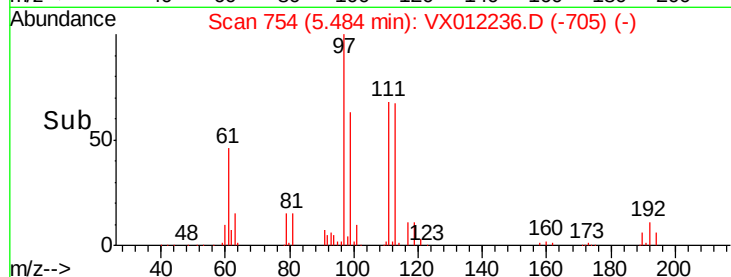
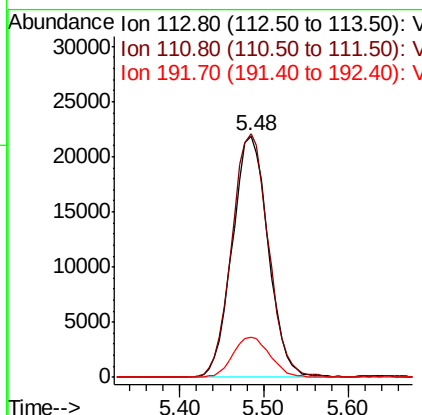
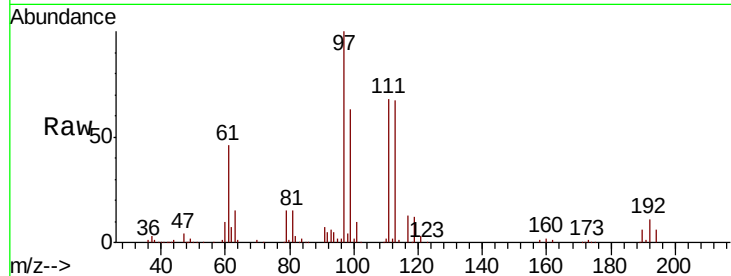




#35
 Dibromofluoromethane
 Concen: 52.284 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

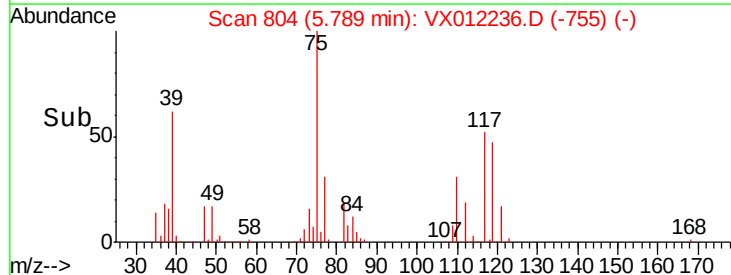
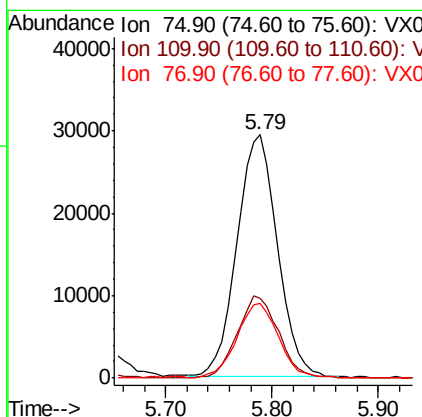
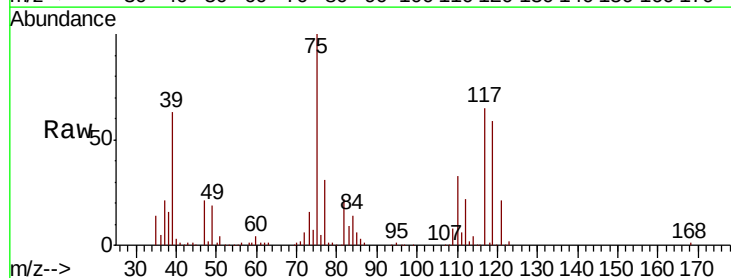
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

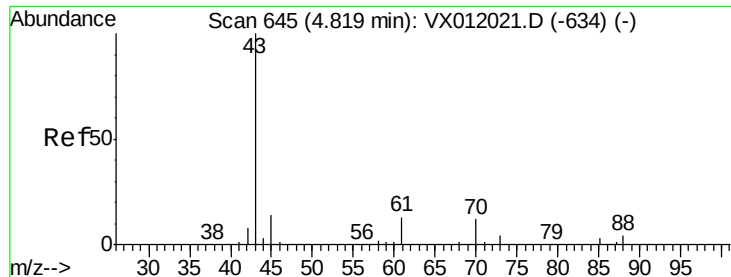
Tgt Ion:113 Resp: 63042
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 17.1 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 45.499 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 75 Resp: 78572
 Ion Ratio Lower Upper
 75 100
 110 34.4 19.5 58.5
 77 32.2 24.6 37.0





#37

Ethyl Acetate

Concen: 68.234 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

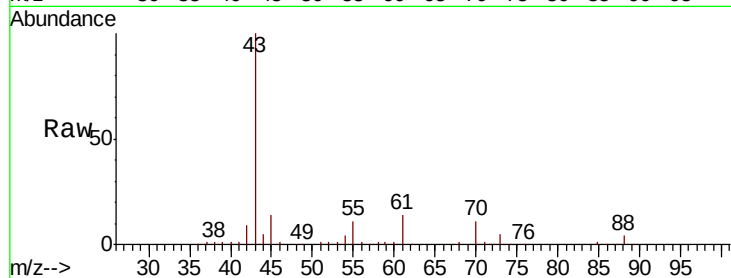
Tgt Ion: 43 Resp: 64075

Ion Ratio Lower Upper

43 100

61 13.8 10.9 16.3

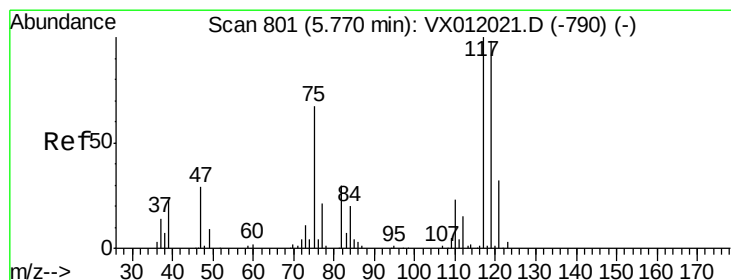
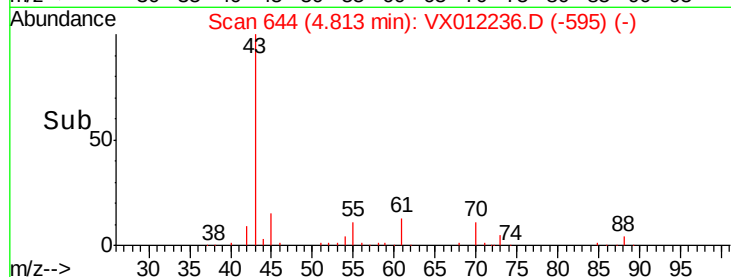
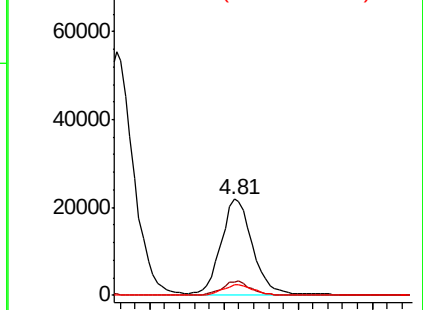
70 11.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.169 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

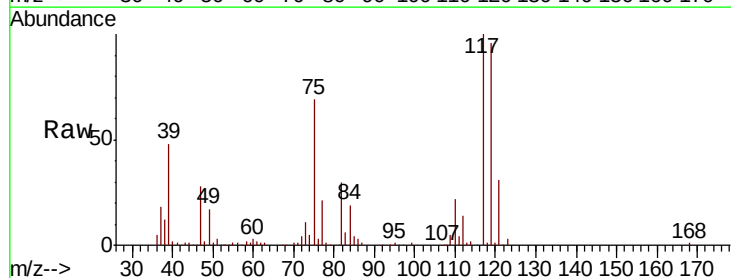
Tgt Ion: 117 Resp: 85831

Ion Ratio Lower Upper

117 100

119 96.1 78.3 117.5

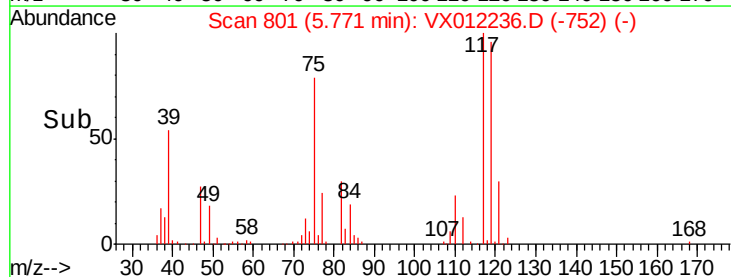
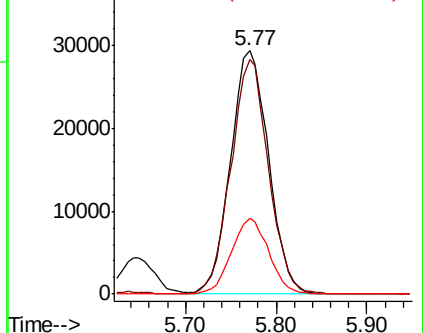
121 30.9 24.2 36.2

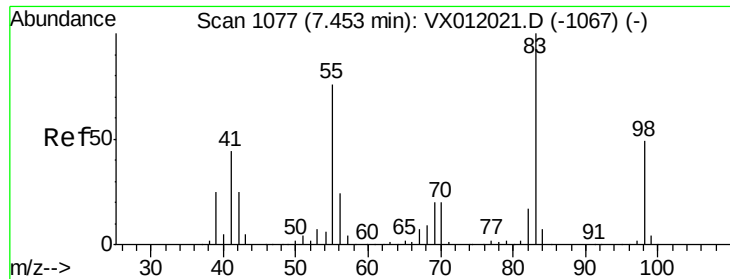


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

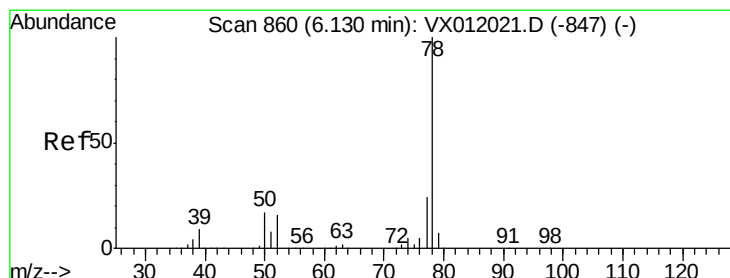
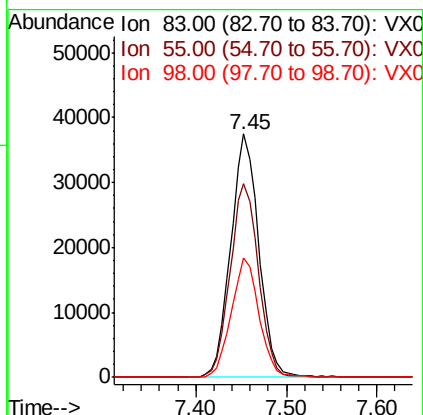
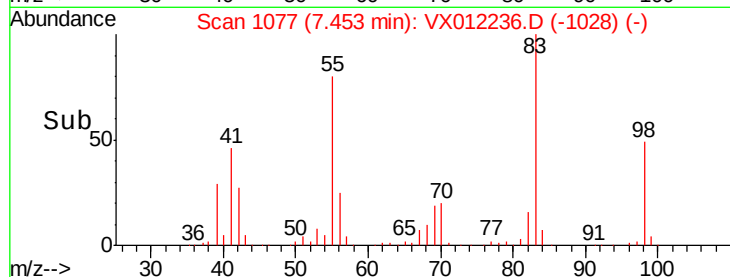
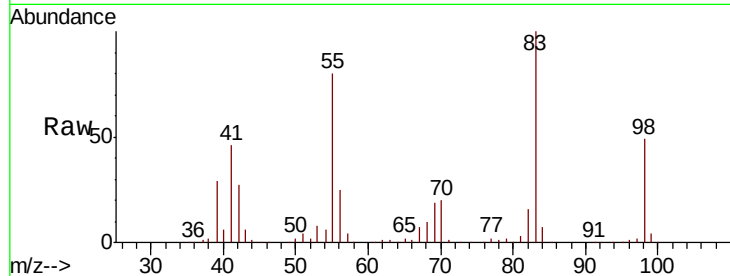




#39
Methylcyclohexane
Concen: 40.224 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

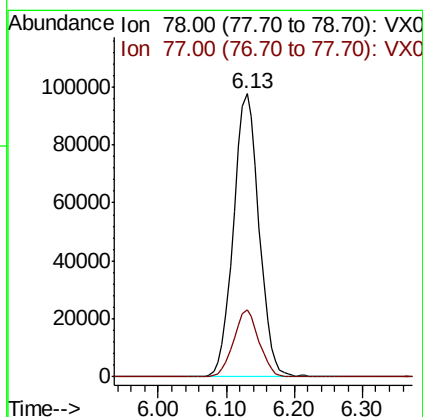
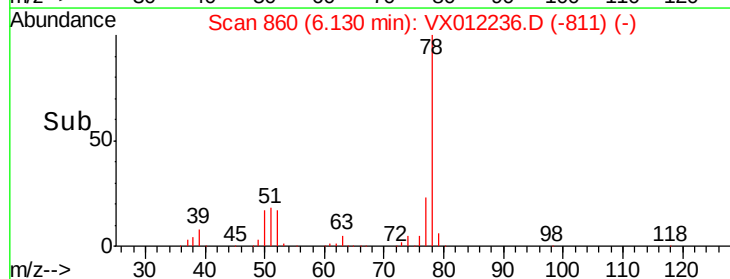
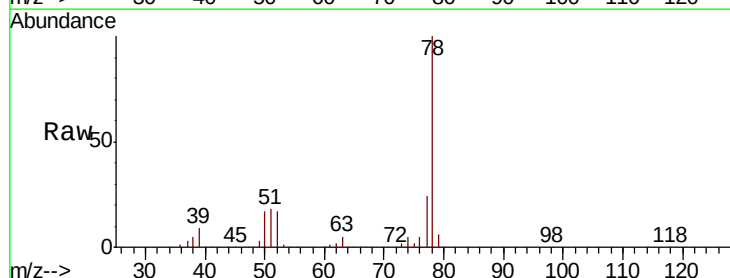
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

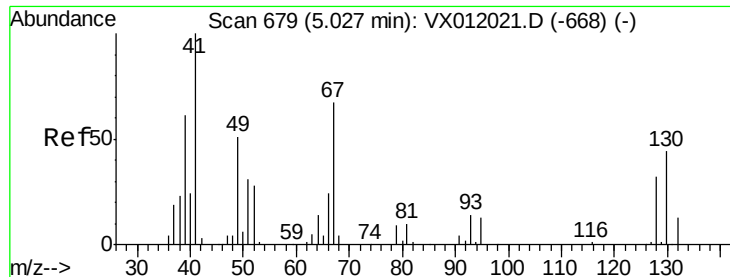
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.6	59.6	89.4
98	48.8	41.4	62.0



#40
Benzene
Concen: 51.449 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

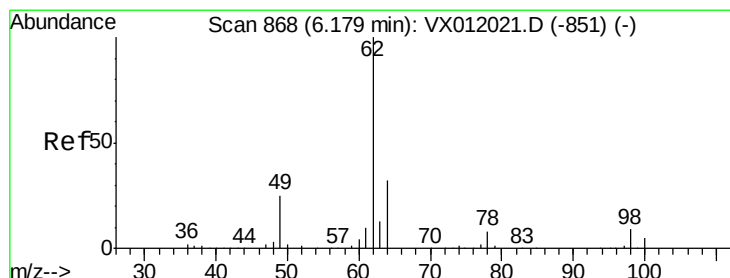
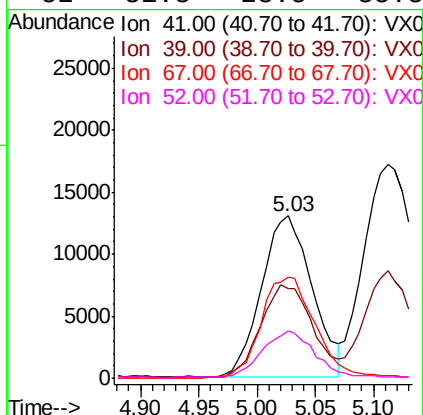
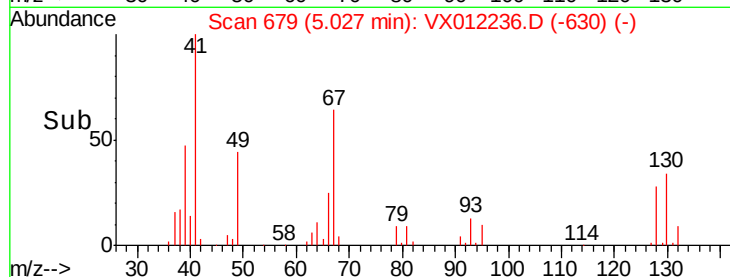
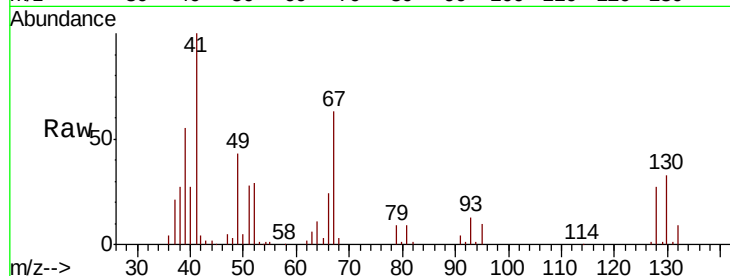




#41
Methacrylonitrile
Concen: 70.449 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

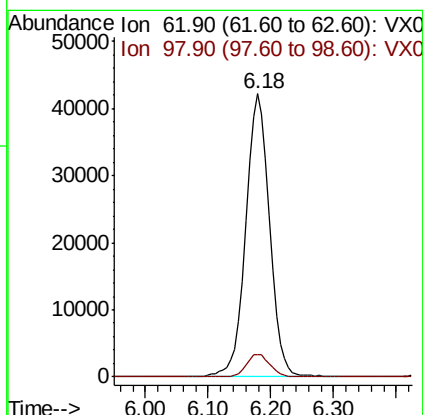
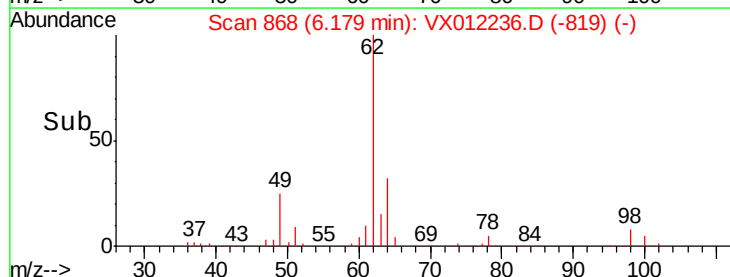
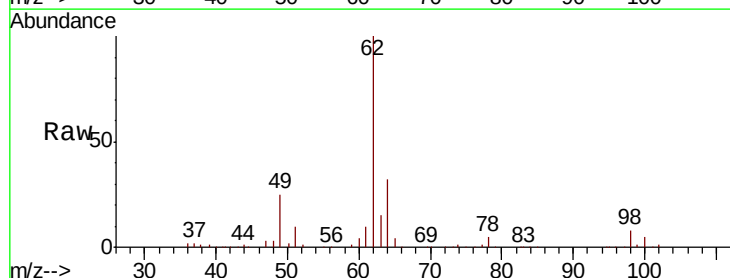
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

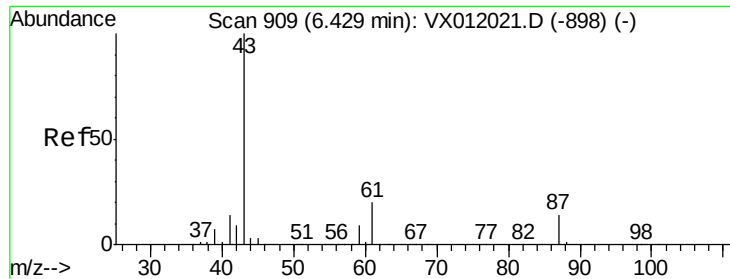
Tgt Ion:	41	Resp:	39452
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.7	70.1
67	67.2	57.0	85.6
52	31.3	23.5	35.3



#42
1,2-Dichloroethane
Concen: 62.190 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion:	62	Resp:	110950
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 69.818 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

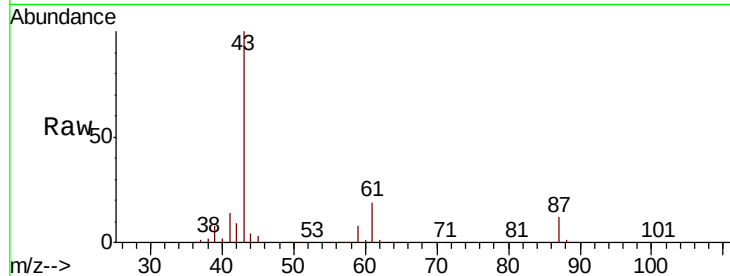
Tgt Ion: 43 Resp: 133311

Ion Ratio Lower Upper

43 100

61 19.0 16.1 24.1

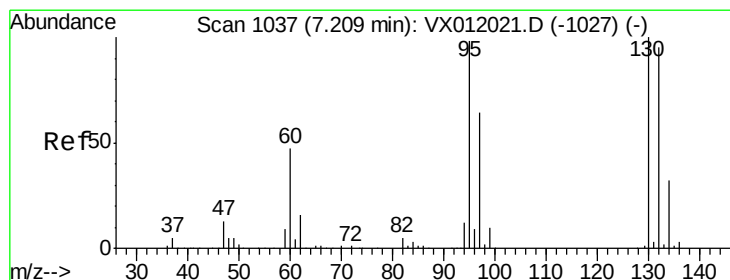
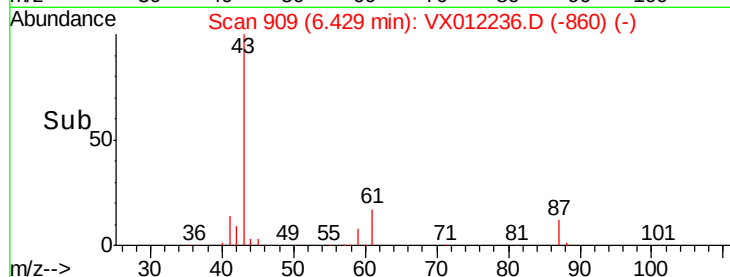
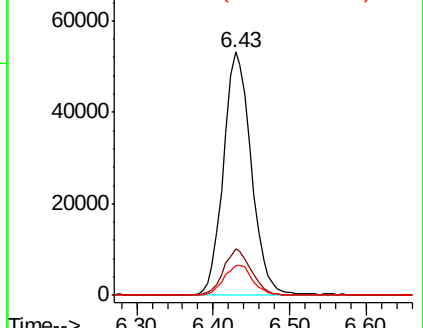
87 12.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.032 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012236.D

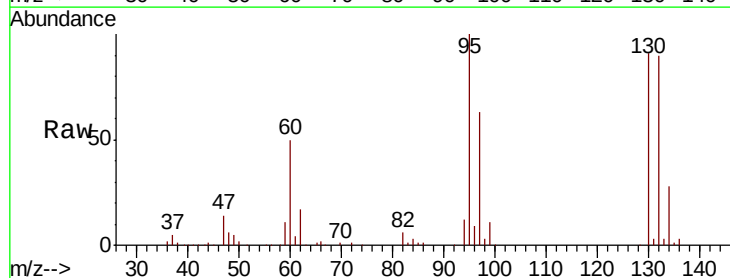
Acq: 08 Sep 2019 21:19

Tgt Ion: 130 Resp: 68237

Ion Ratio Lower Upper

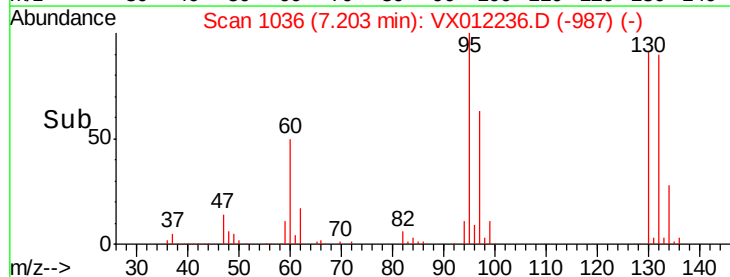
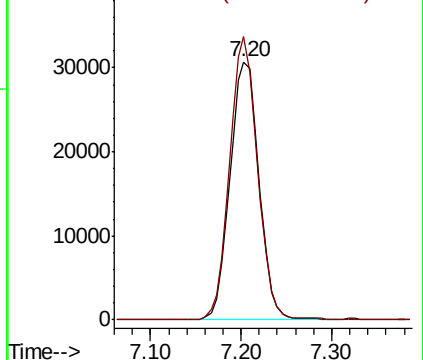
130 100

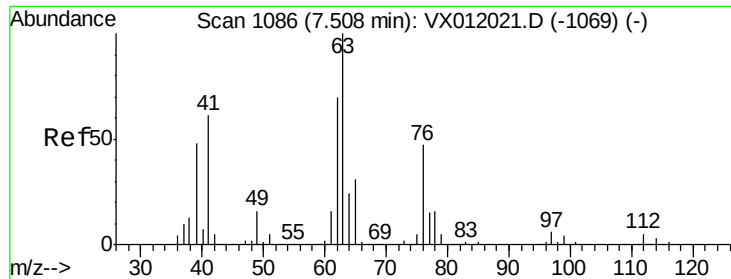
95 109.7 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

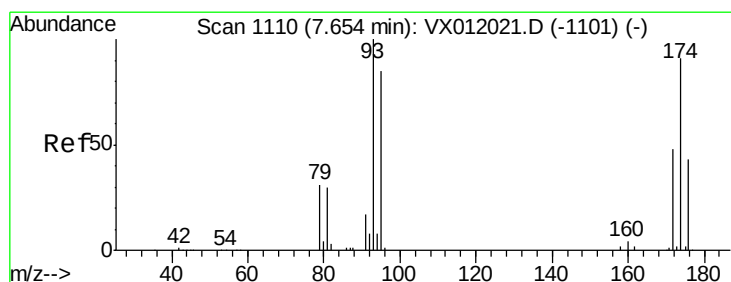
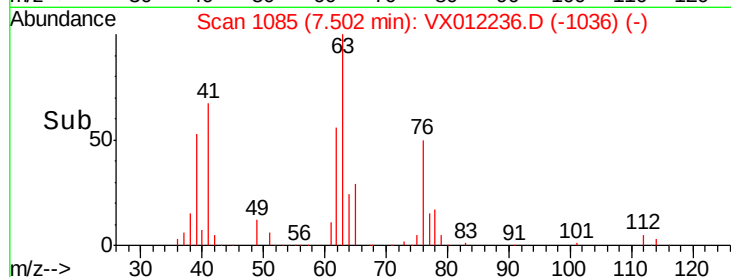
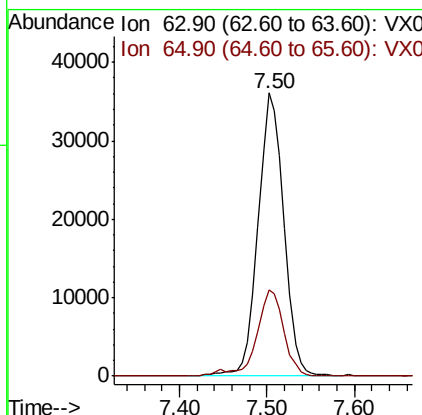
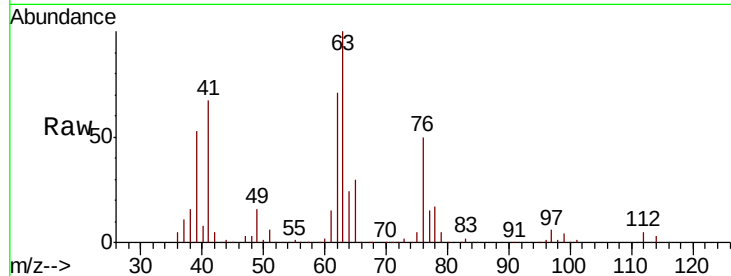




#45
 1,2-Dichloropropane
 Concen: 57.676 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

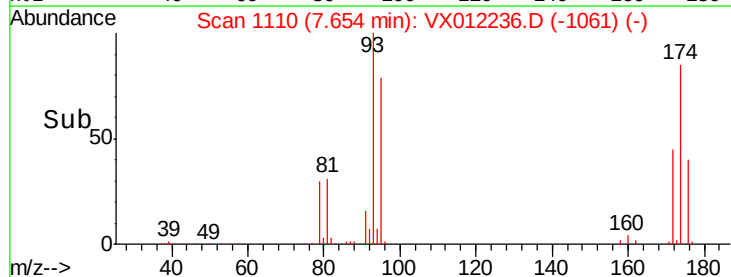
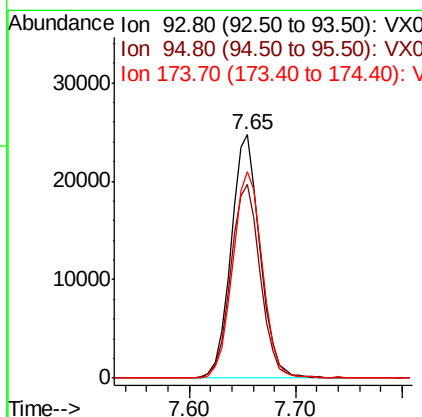
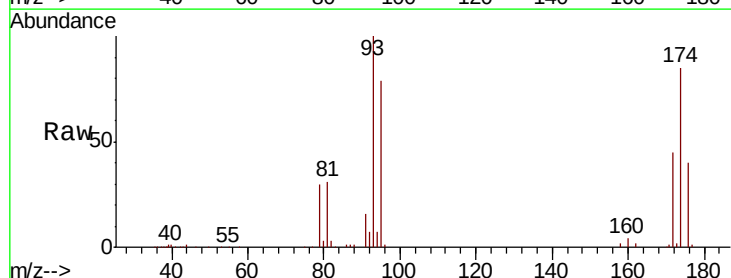
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

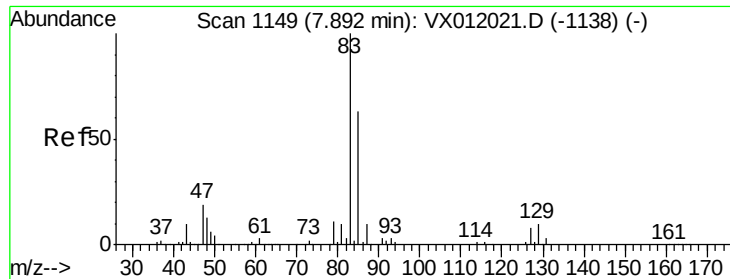
Tgt Ion: 63 Resp: 73874
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 63.070 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 93 Resp: 47158
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.2 99.2
 174 86.7 110.2 165.4#





#47

Bromodichloromethane

Concen: 62.351 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

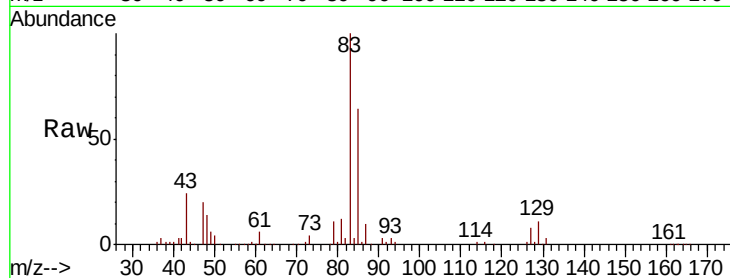
Tgt Ion: 83 Resp: 118502

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

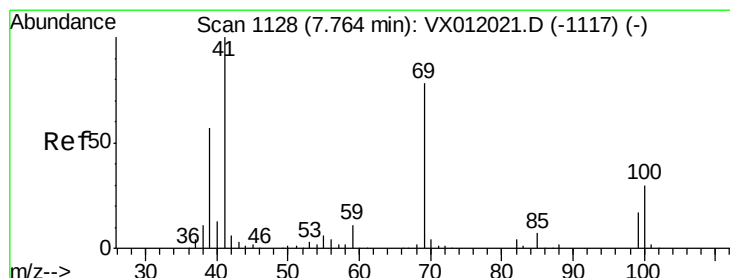
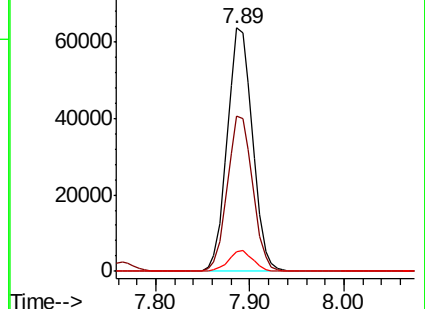
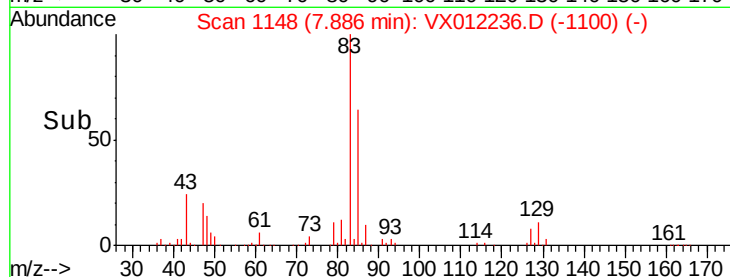
127 8.3 8.1 12.1



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: 70.777 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

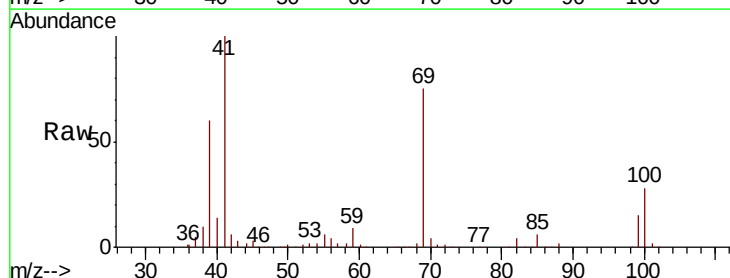
Tgt Ion: 41 Resp: 67951

Ion Ratio Lower Upper

41 100

69 75.8 66.3 99.5

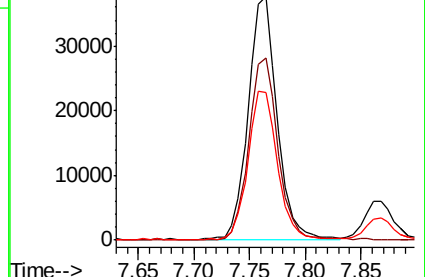
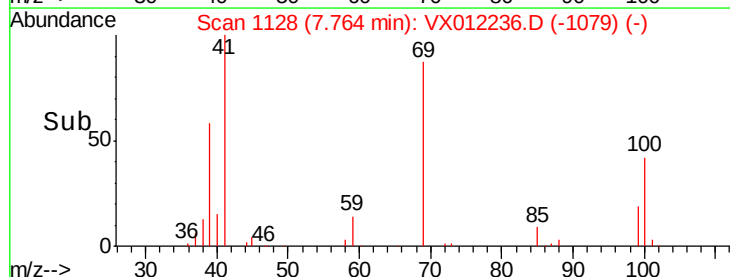
39 61.8 48.1 72.1

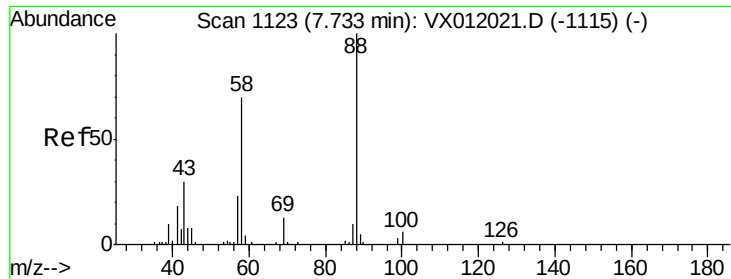


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

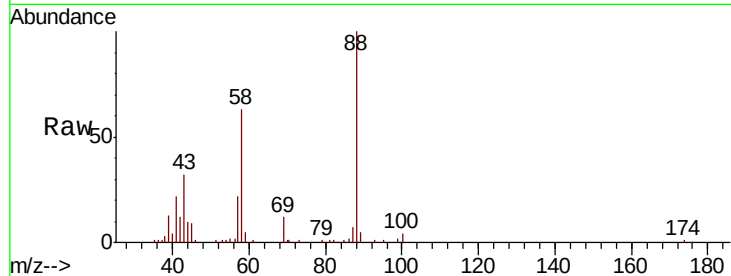




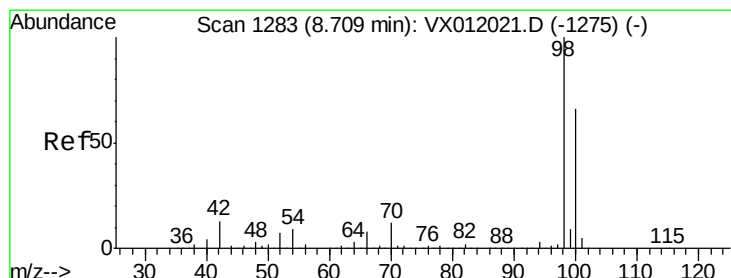
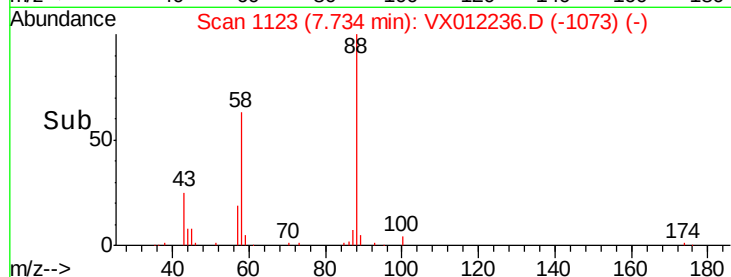
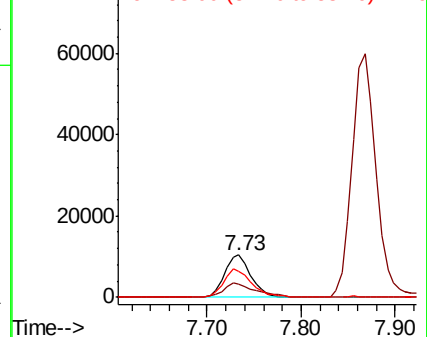
#49
1,4-Dioxane
Concen: 1567.029 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20509
Ion Ratio Lower Upper
88 100
43 41.2 29.8 44.6
58 71.1 55.4 83.2

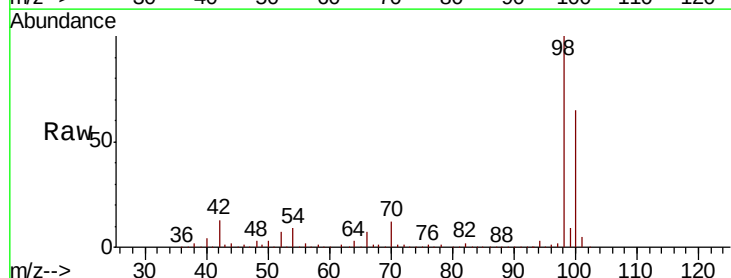


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

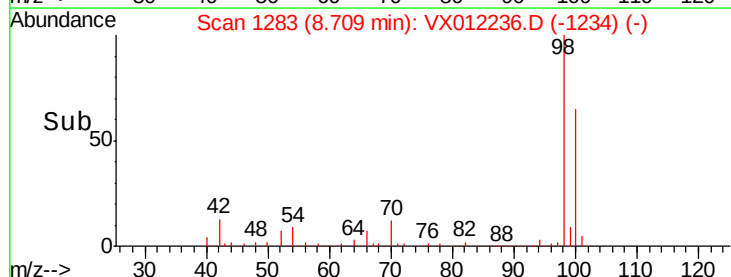
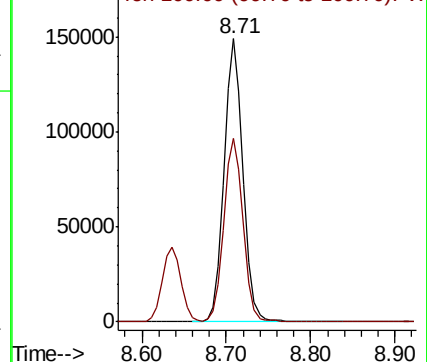


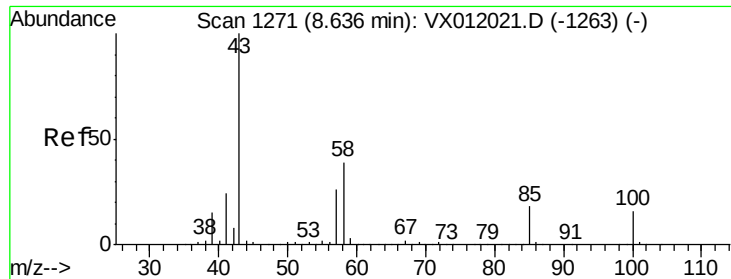
#50
Toluene-d8
Concen: 51.982 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion: 98 Resp: 230002
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 409.361 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

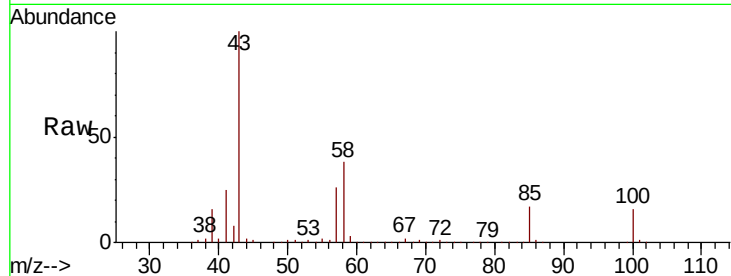
VSTDCCC050EC

Tgt Ion: 43 Resp: 397573

Ion Ratio Lower Upper

43 100

58 37.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

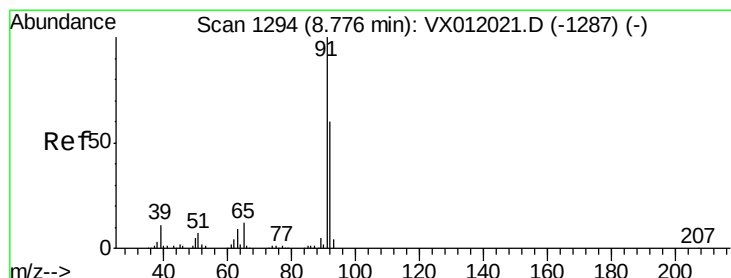
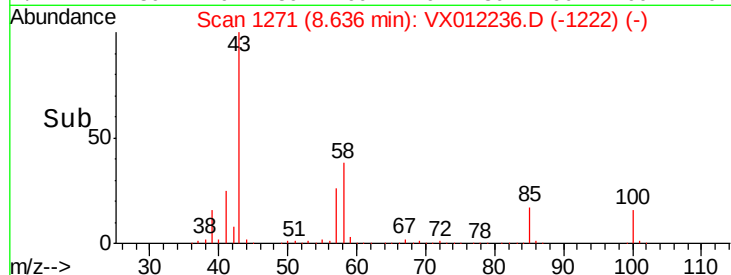
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 54.766 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012236.D

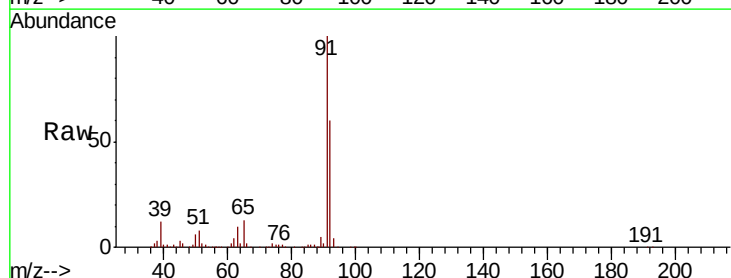
Acq: 08 Sep 2019 21:19

Tgt Ion: 92 Resp: 176655

Ion Ratio Lower Upper

92 100

91 166.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

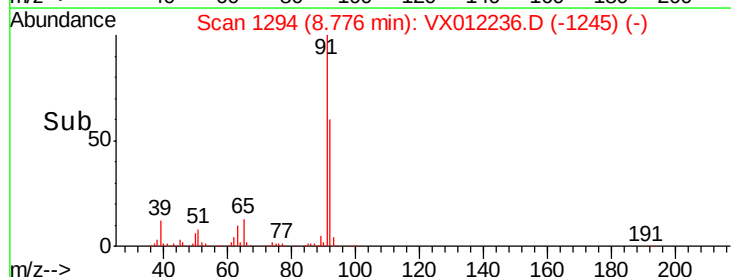
150000

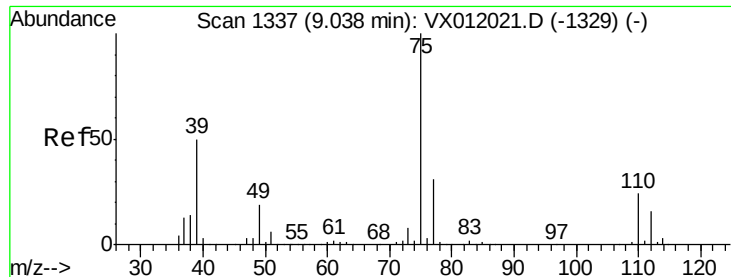
100000

50000

0

Time-->

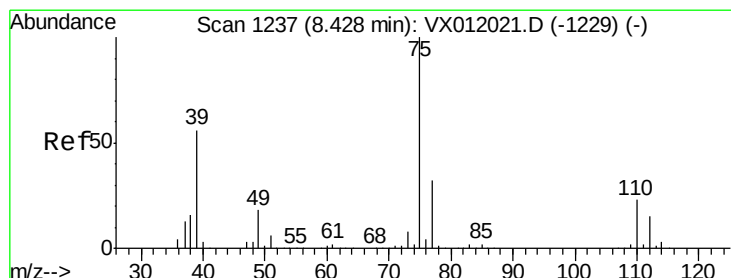
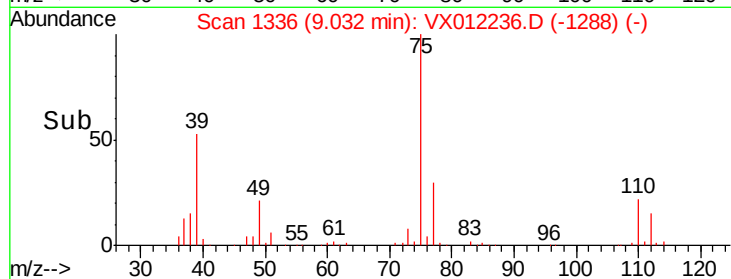
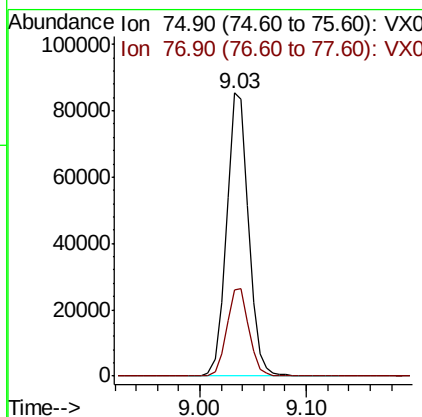
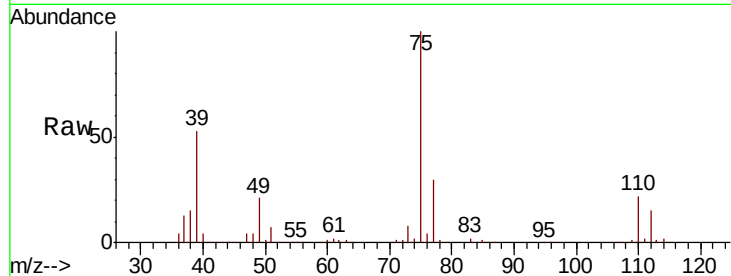




#53
 t-1,3-Dichloropropene
 Concen: 62.530 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

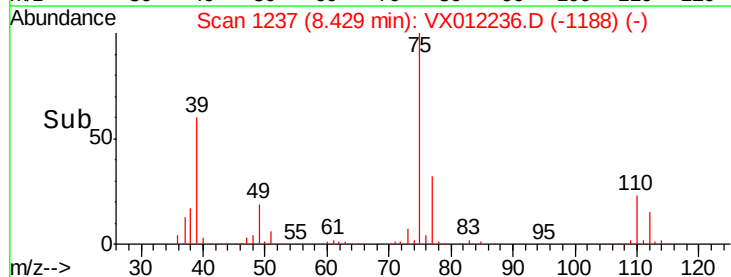
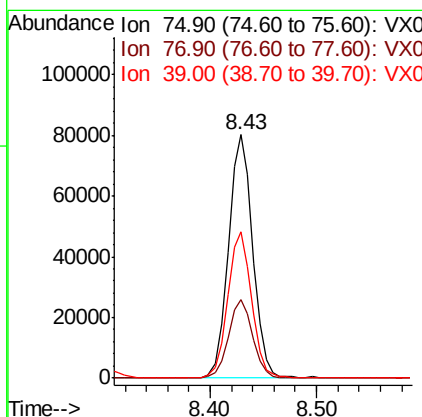
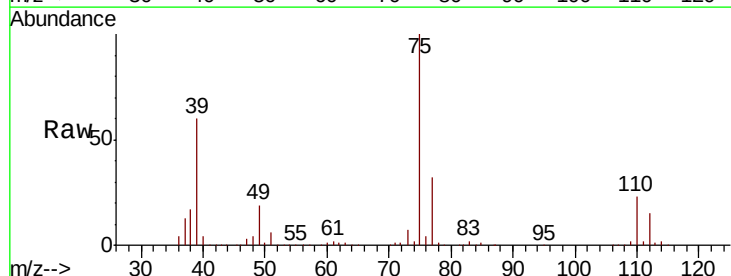
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

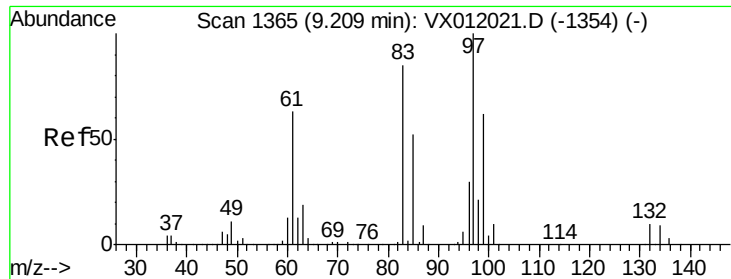
Tgt Ion: 75 Resp: 123037
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 58.303 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 75 Resp: 127572
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 59.8 43.0 64.4

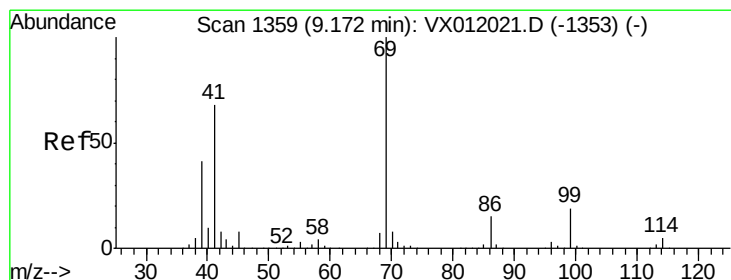
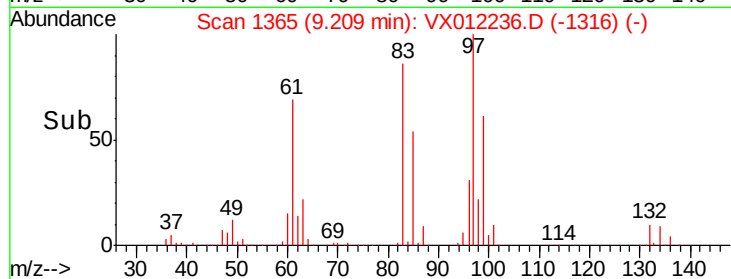
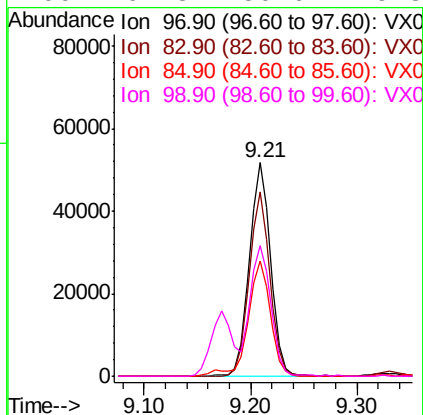
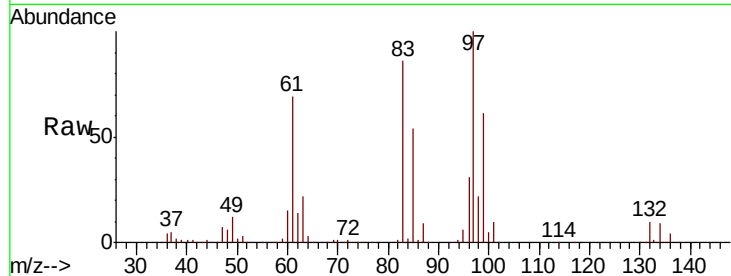




#55
 1,1,2-Trichloroethane
 Concen: 68.050 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

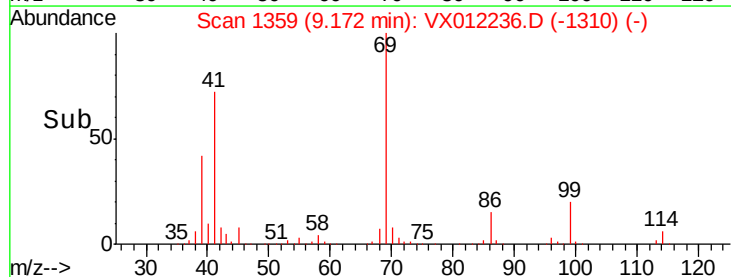
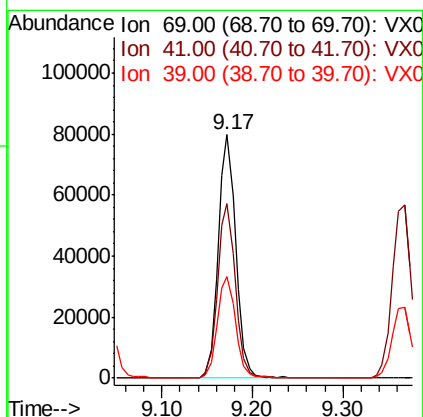
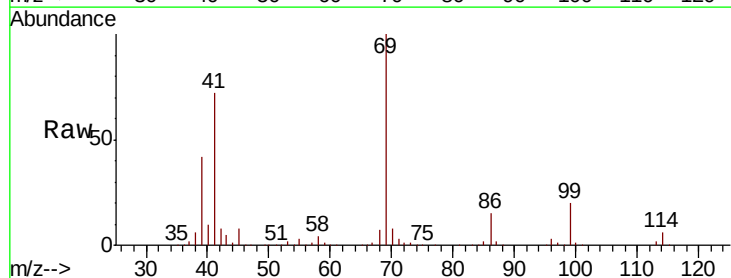
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

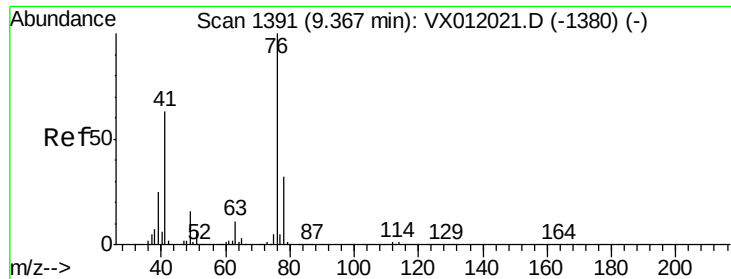
Tgt Ion:	97	Resp:	72744
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.0	99.0
85	53.9	41.0	61.6
99	61.3	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 70.858 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion:	69	Resp:	108496
Ion	Ratio	Lower	Upper
69	100		
41	71.9	53.9	80.9
39	43.1	31.1	46.7

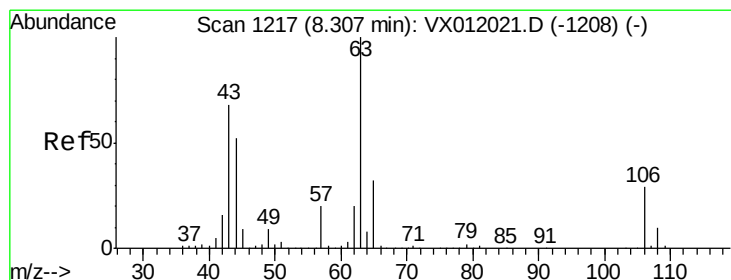
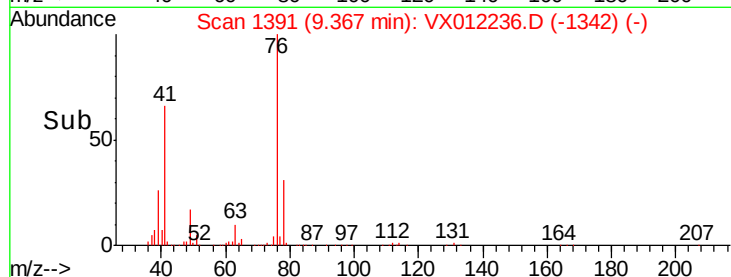
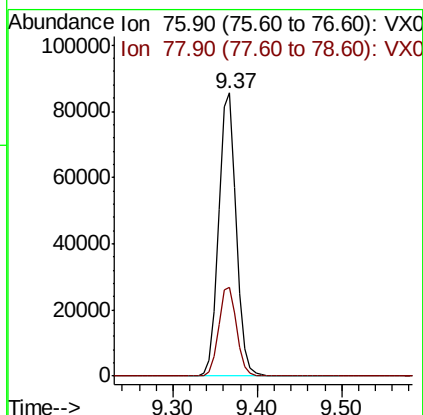
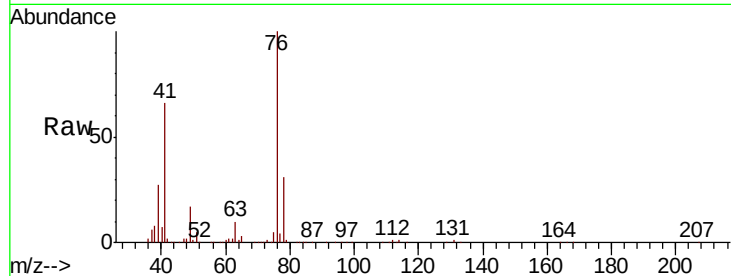




#57
 1,3-Dichloropropane
 Concen: 67.128 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

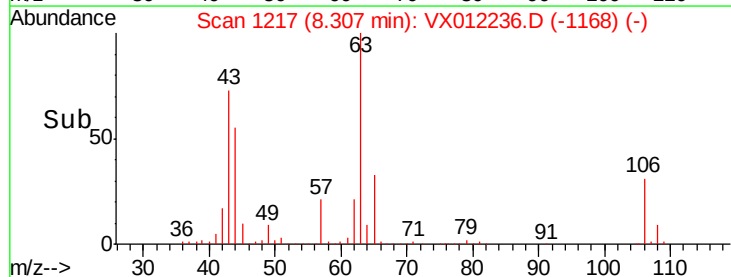
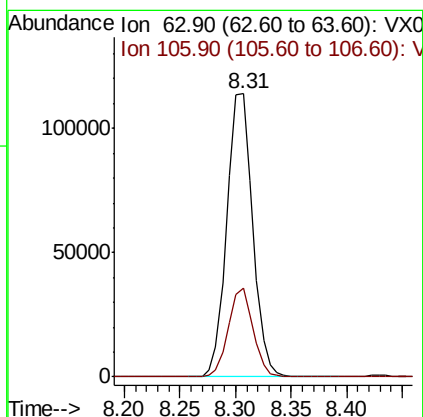
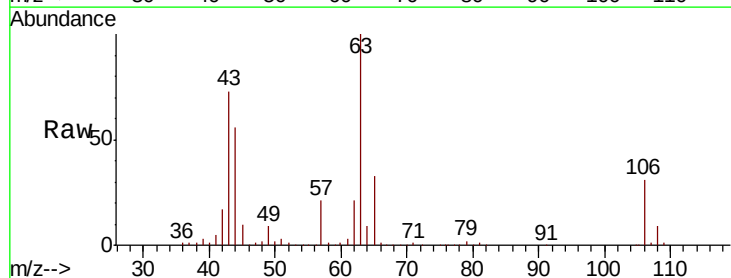
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

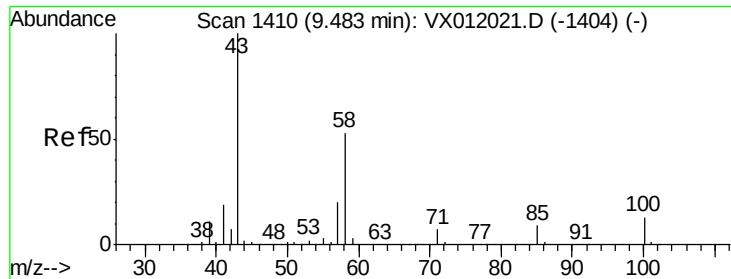
Tgt Ion: 76 Resp: 123825
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.518 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 63 Resp: 183290
 Ion Ratio Lower Upper
 63 100
 106 30.0 26.5 39.7

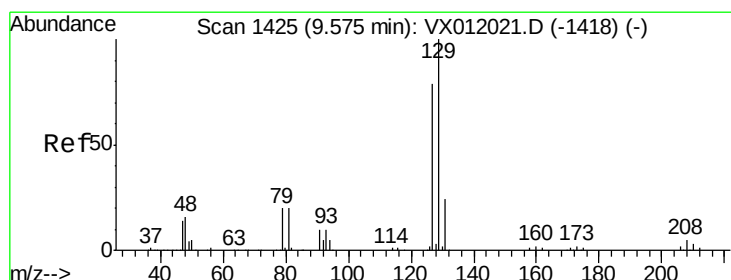
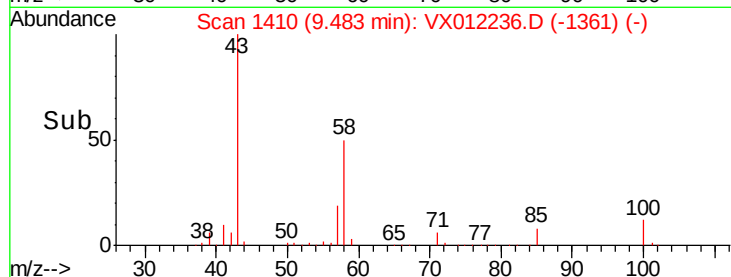
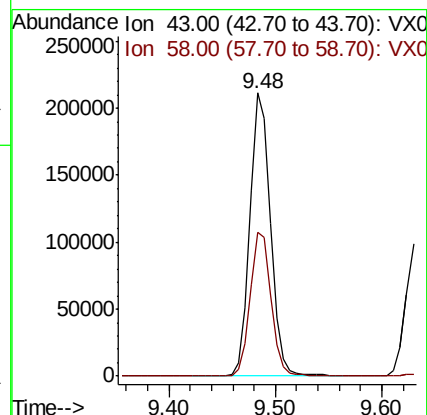
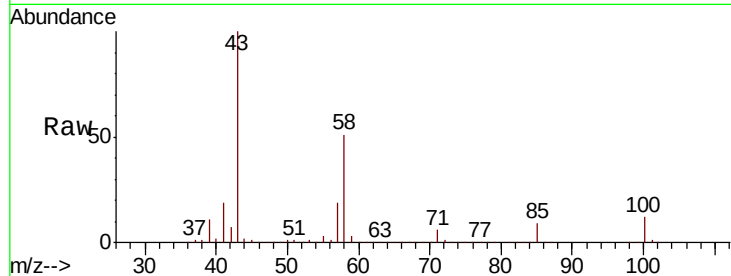




#59
2-Hexanone
Concen: 407.526 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

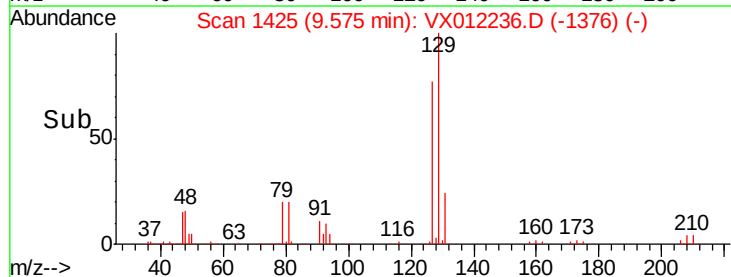
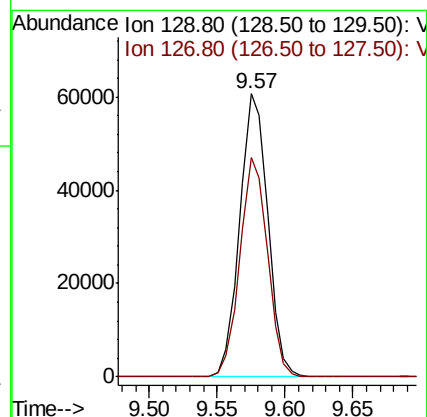
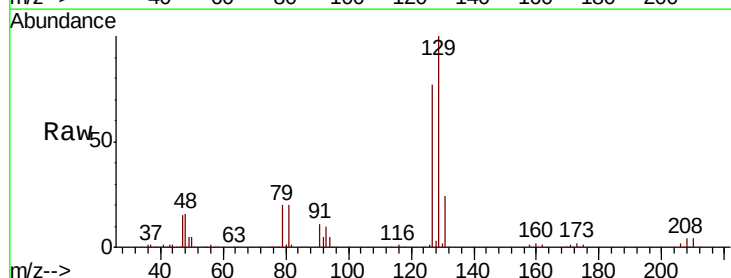
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

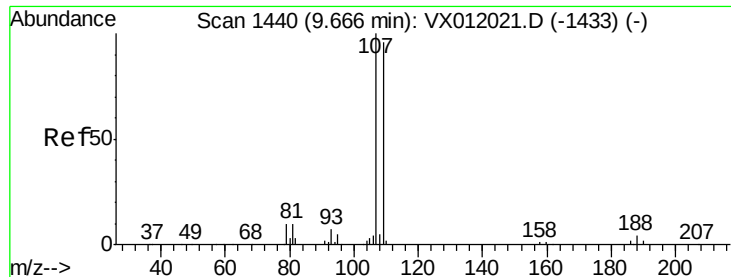
Tgt Ion: 43 Resp: 288799
Ion Ratio Lower Upper
43 100
58 51.8 27.2 81.6



#60
Dibromochloromethane
Concen: 68.622 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion: 129 Resp: 87425
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 67.938 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

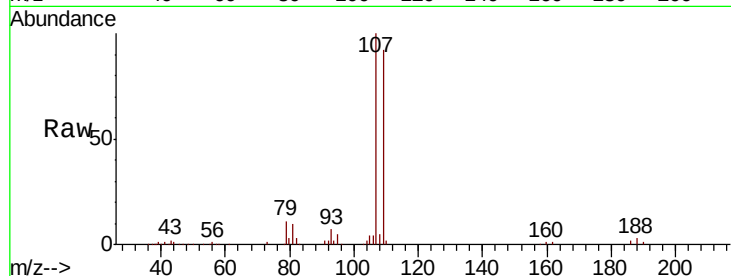
VSTDCCC050EC

Tgt Ion: 107 Resp: 70176

Ion Ratio Lower Upper

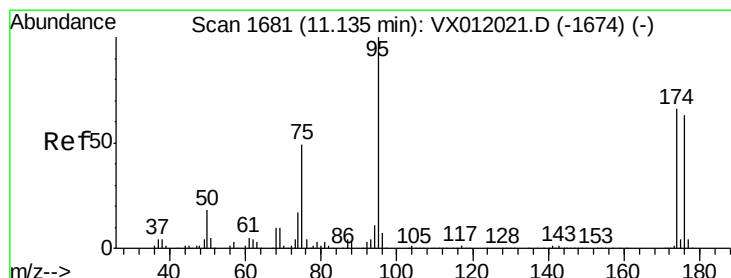
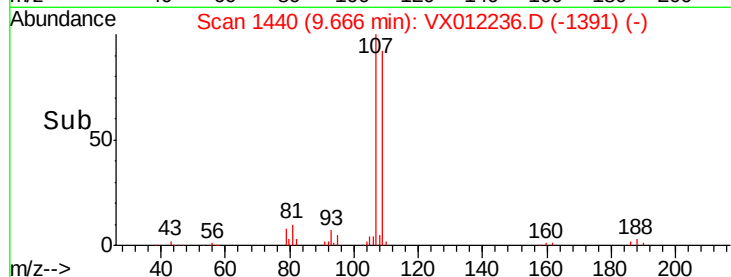
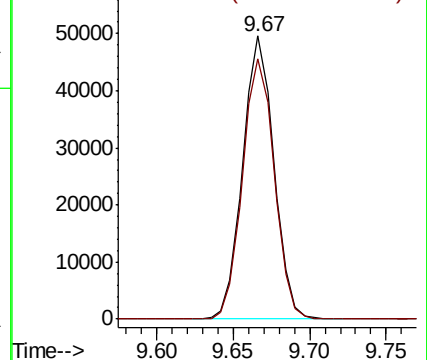
107 100

109 93.9 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.144 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

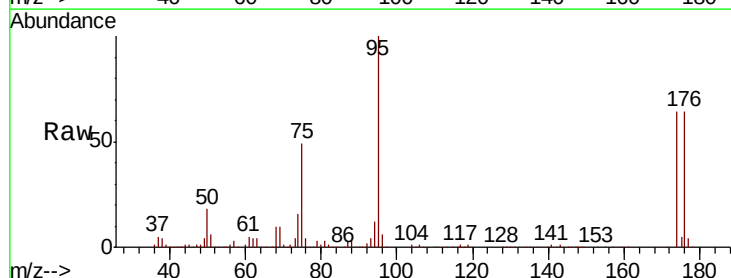
Tgt Ion: 95 Resp: 103182

Ion Ratio Lower Upper

95 100

174 62.9 0.0 205.4

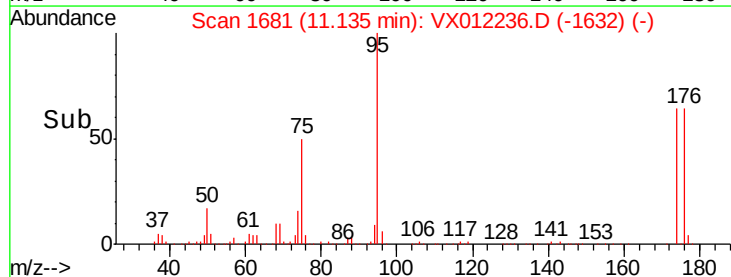
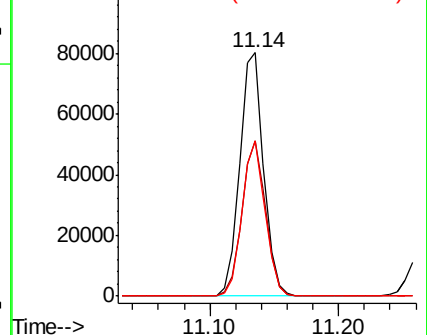
176 61.4 0.0 201.8

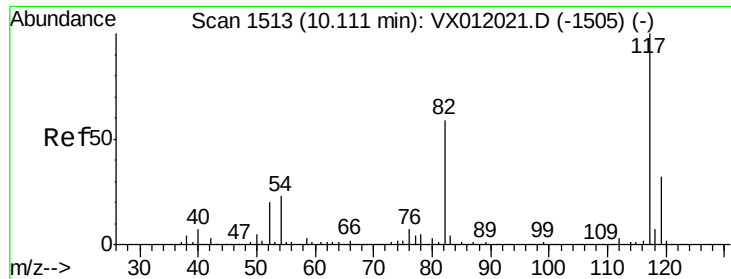


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

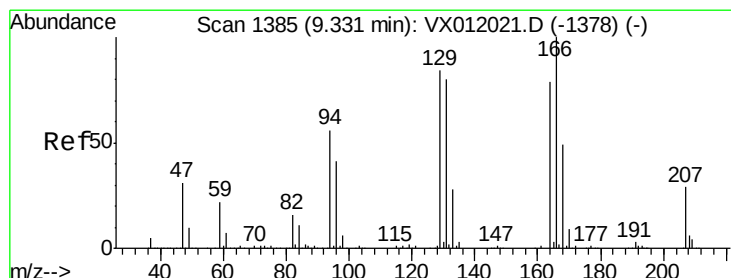
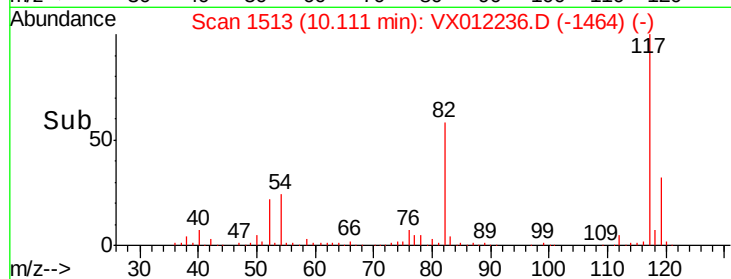
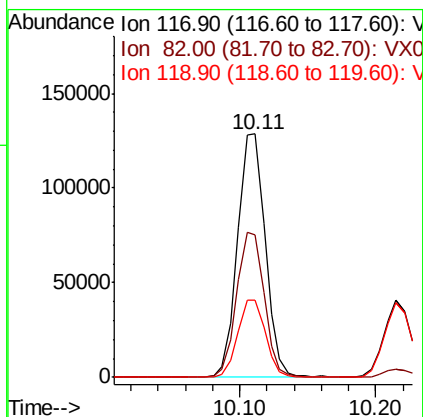
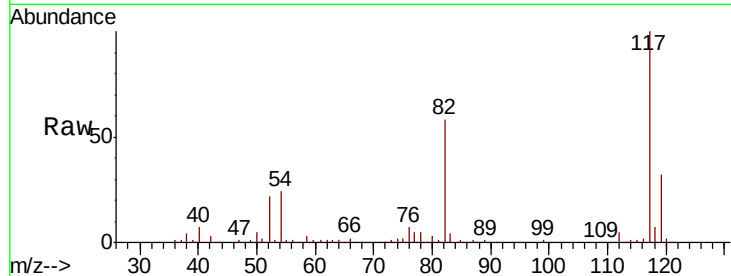




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

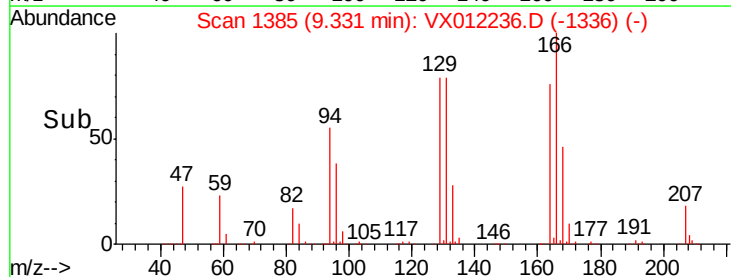
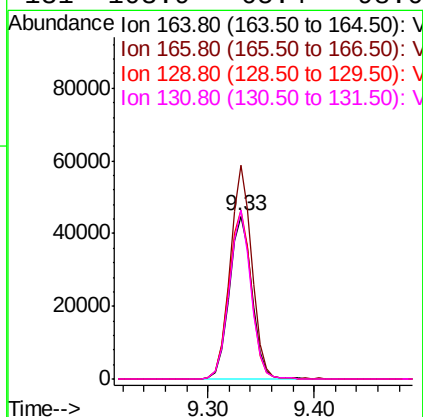
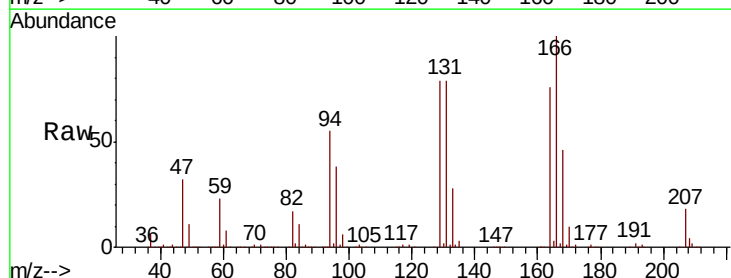
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

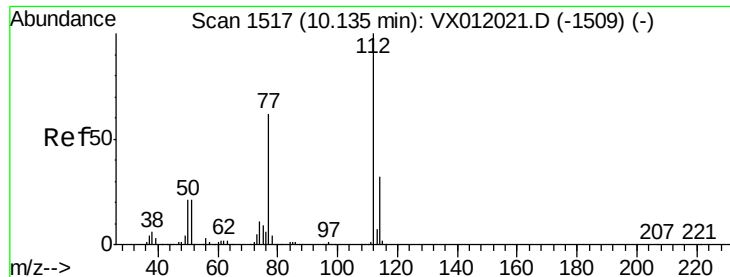
Tgt Ion:117 Resp: 183601
Ion Ratio Lower Upper
117 100
82 58.3 39.4 59.0
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 58.148 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion:164 Resp: 66559
Ion Ratio Lower Upper
164 100
166 131.1 104.3 156.5
129 103.5 68.3 102.5#
131 103.9 65.4 98.0#

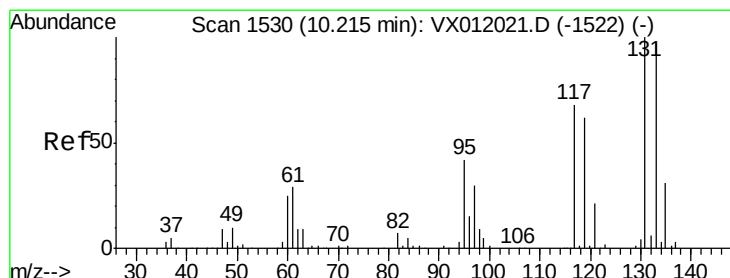
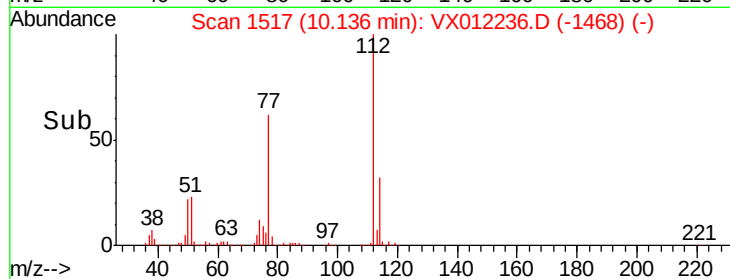
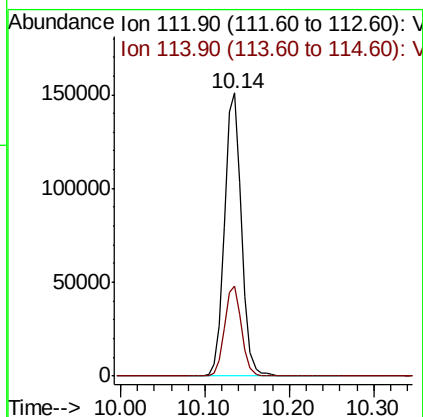
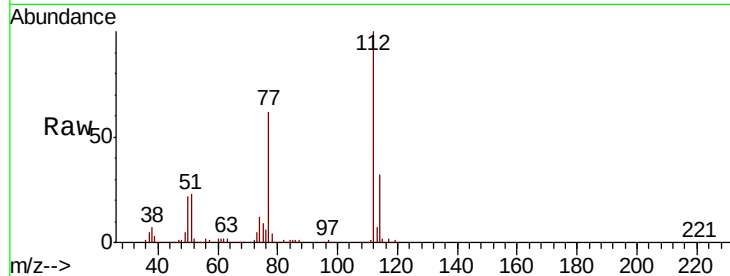




#65
Chlorobenzene
Concen: 57.933 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

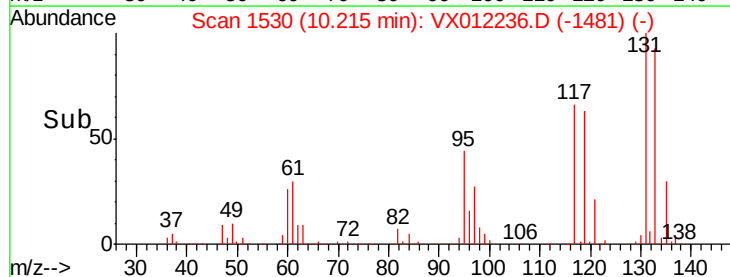
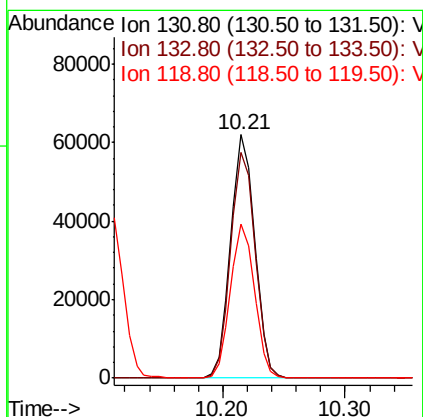
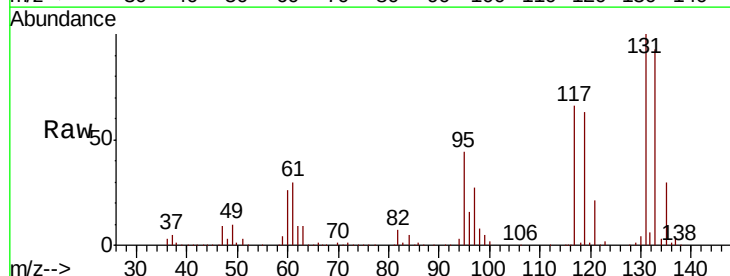
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

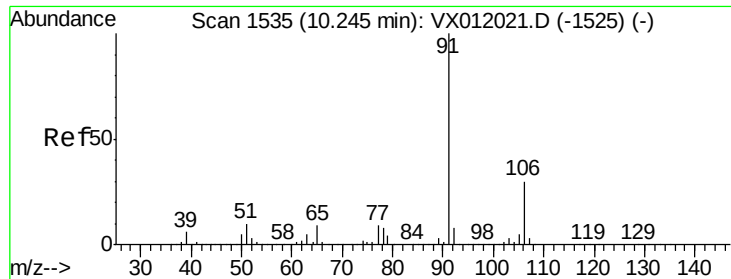
Tgt Ion:112 Resp: 209867
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 63.949 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion:131 Resp: 84706
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.0
119 63.2 30.5 91.5

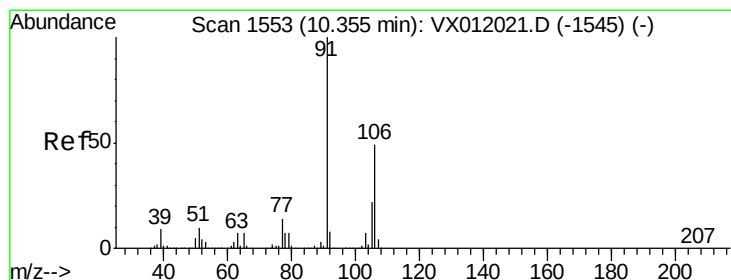
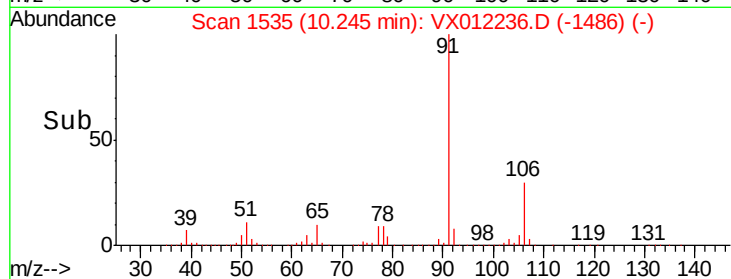
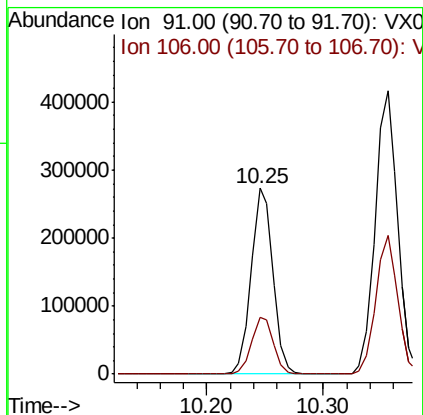
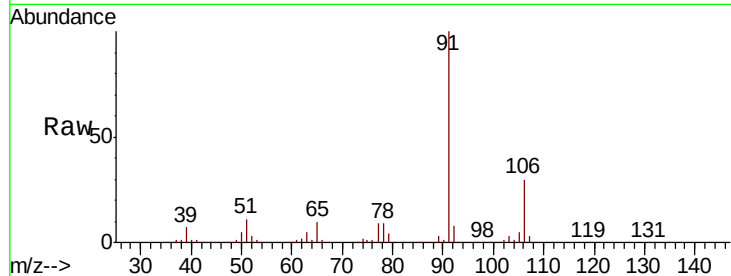




#67
Ethyl Benzene
Concen: 54.135 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

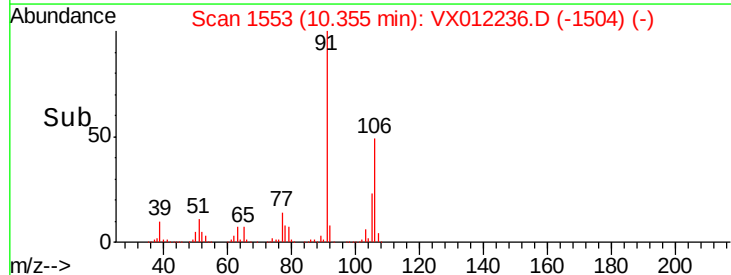
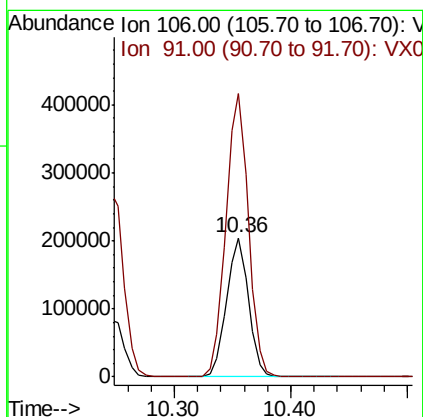
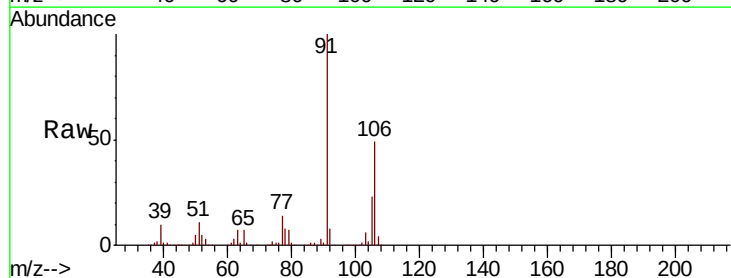
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

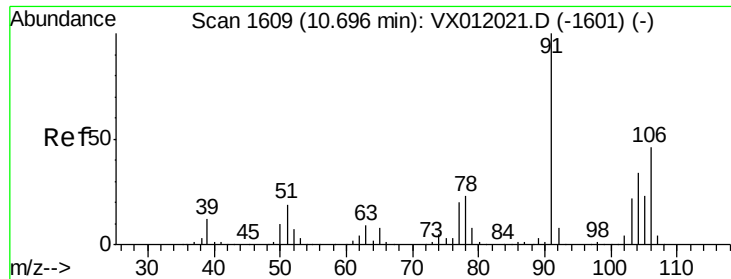
Tgt Ion: 91 Resp: 357465
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.8



#68
m/p-Xylenes
Concen: 110.065 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion: 106 Resp: 267777
Ion Ratio Lower Upper
106 100
91 208.2 157.5 236.3

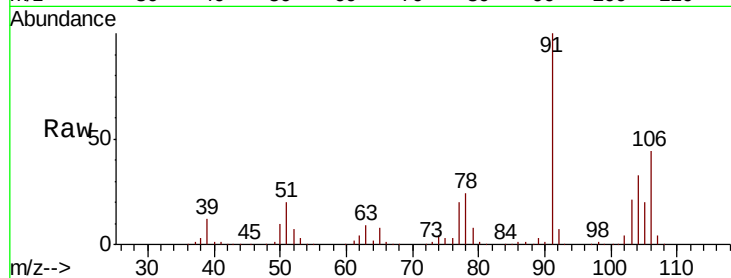




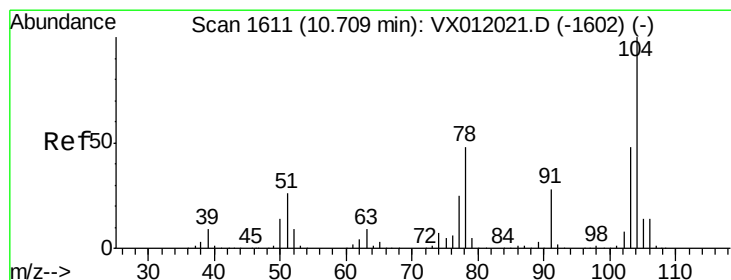
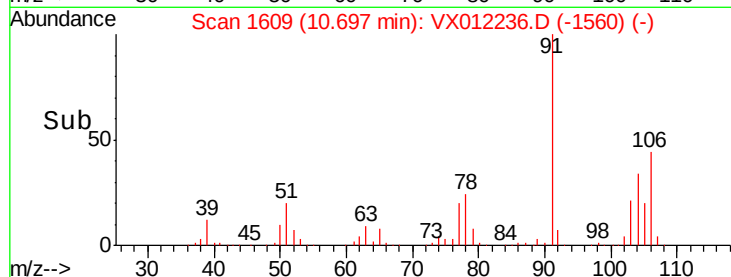
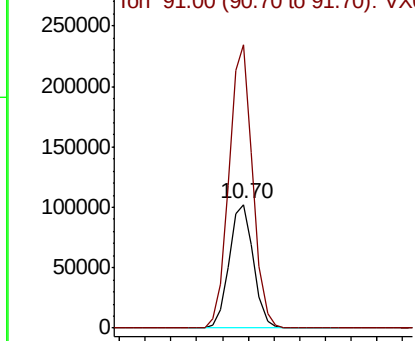
#69
o-Xylene
Concen: 57.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 135147
Ion Ratio Lower Upper
106 100
91 223.4 103.5 310.3

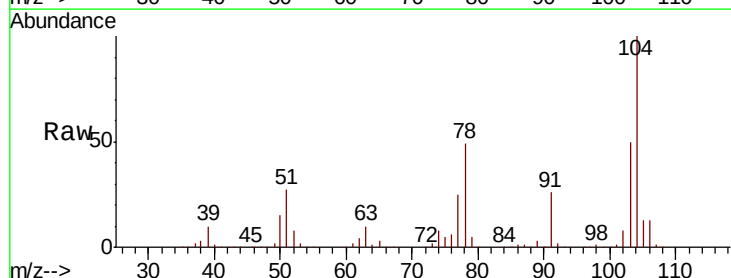


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

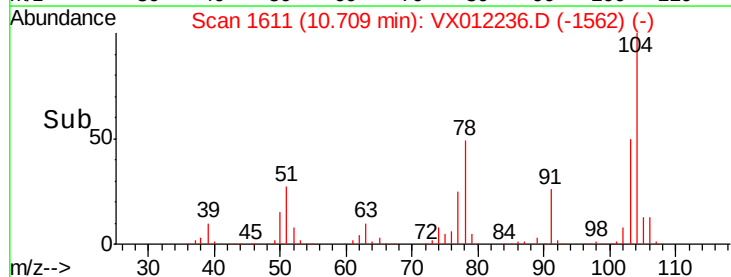
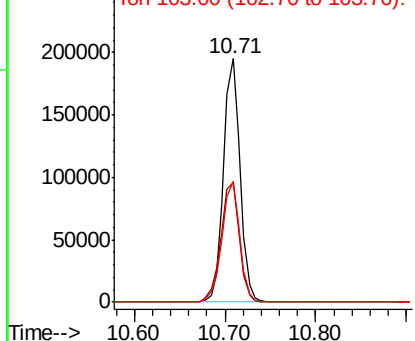


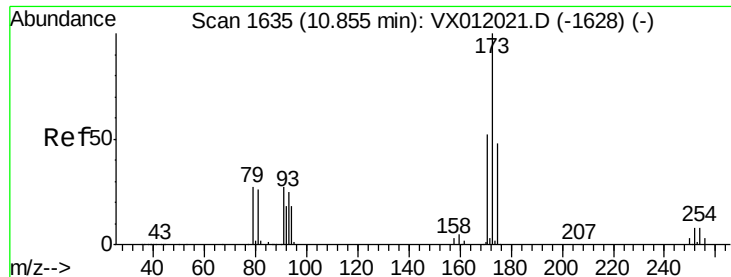
#70
Styrene
Concen: 60.565 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion:104 Resp: 248177
Ion Ratio Lower Upper
104 100
78 55.1 39.1 58.7
103 53.5 43.4 65.2



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





#71

Bromoform

Concen: 70.007 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

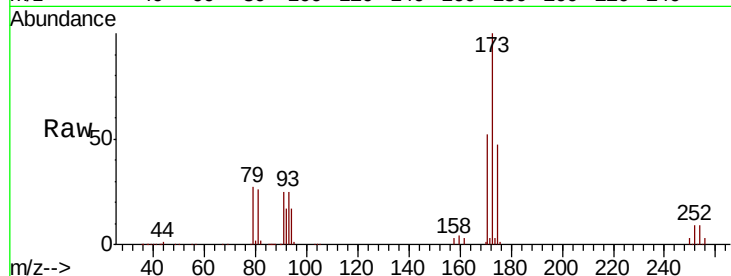
Tgt Ion:173 Resp: 50932

Ion Ratio Lower Upper

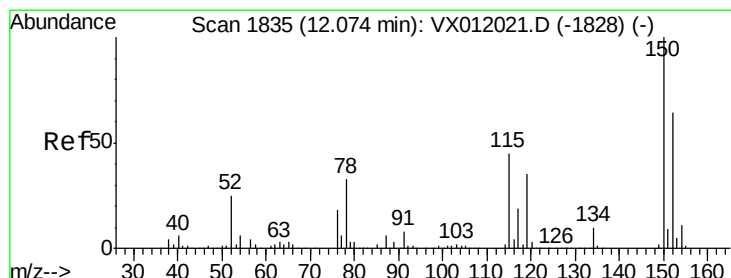
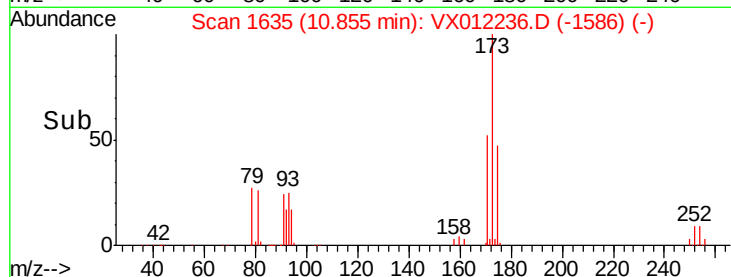
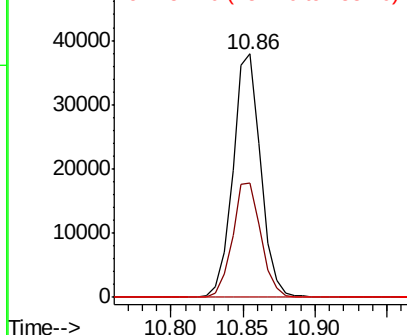
173 100

175 47.9 24.9 74.7

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

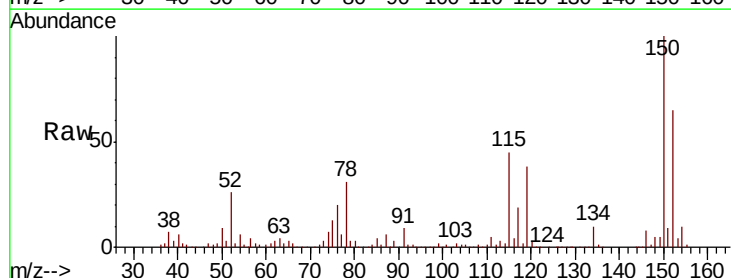
Tgt Ion:152 Resp: 90672

Ion Ratio Lower Upper

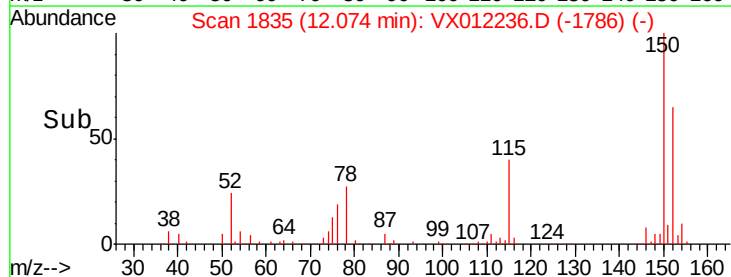
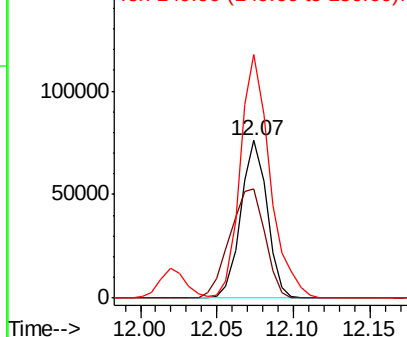
152 100

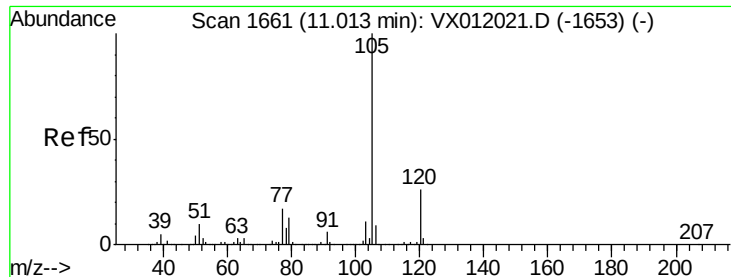
115 92.8 36.4 109.3

150 174.9 0.0 341.2



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

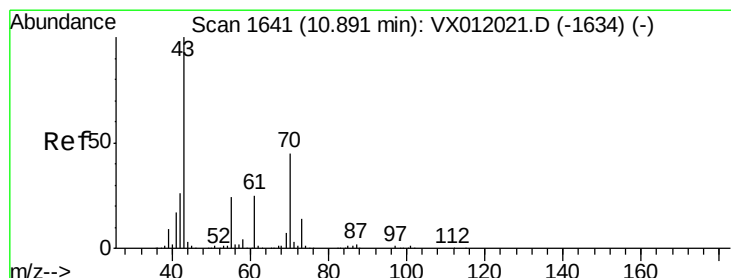
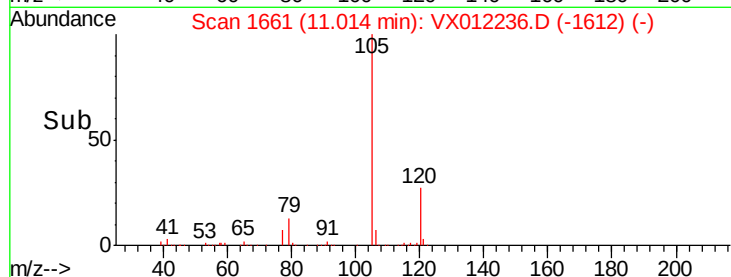
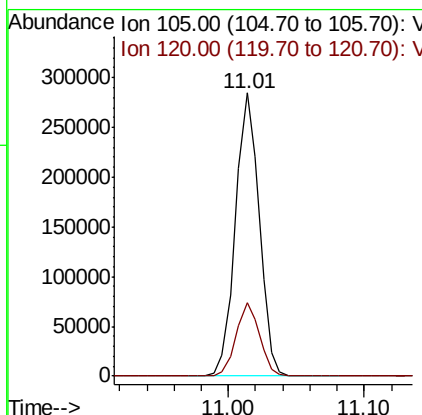
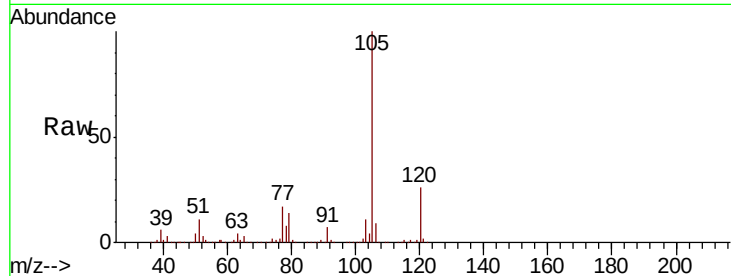




#73
Isopropylbenzene
Concen: 52.060 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

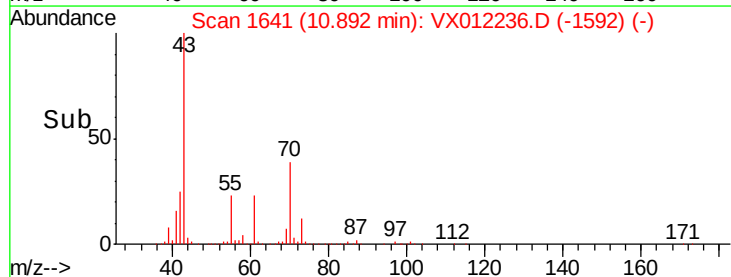
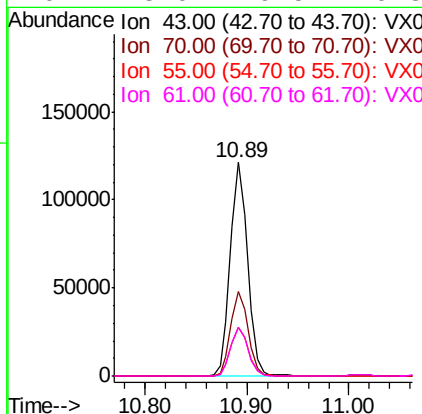
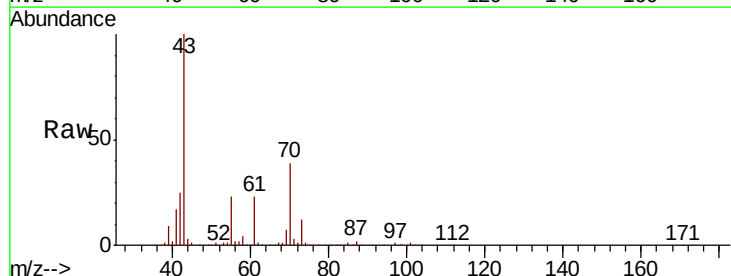
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

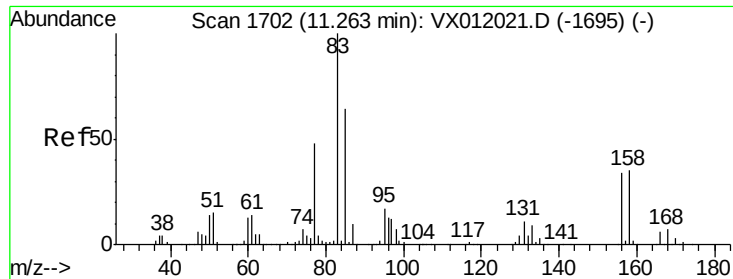
Tgt Ion: 105 Resp: 346341
Ion Ratio Lower Upper
105 100
120 25.7 13.9 41.6



#74
N-ethyl acetate
Concen: 71.758 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion: 43 Resp: 141147
Ion Ratio Lower Upper
43 100
70 40.0 34.4 51.6
55 23.5 18.5 27.7
61 23.0 19.5 29.3

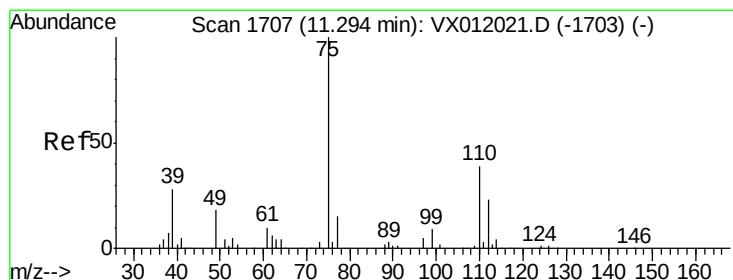
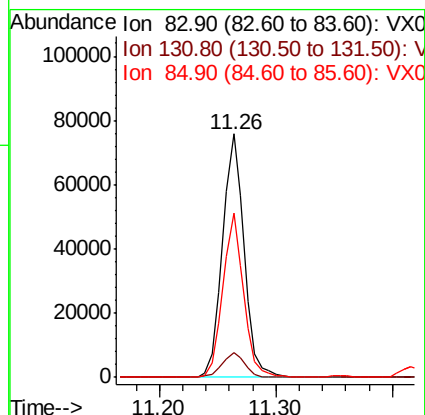
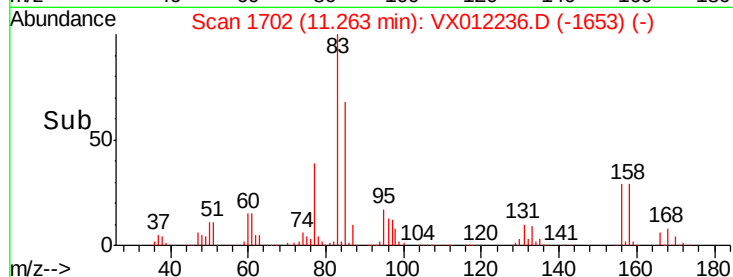
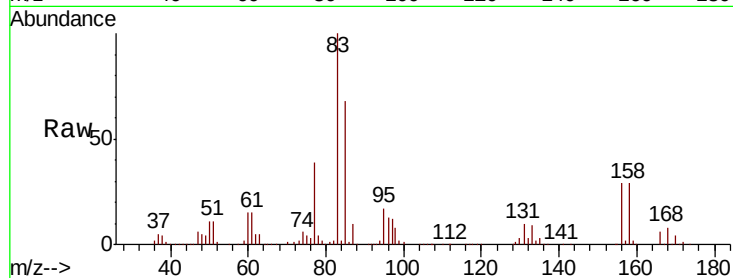




#75
 1,1,2,2-Tetrachloroethane
 Concen: 69.665 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

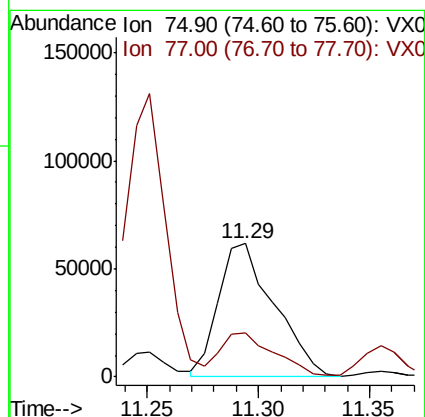
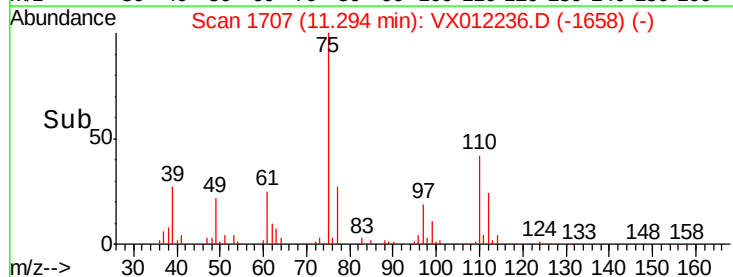
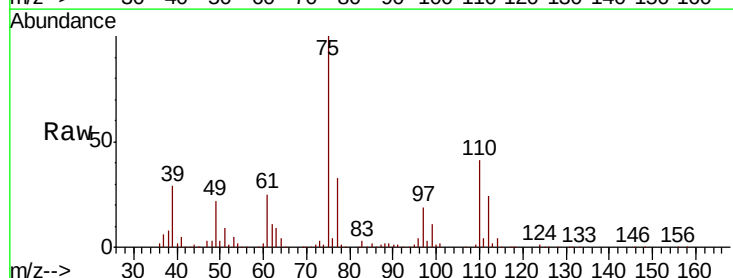
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

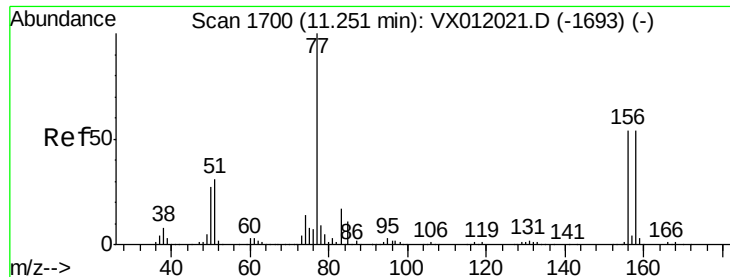
Tgt Ion: 83 Resp: 96620
 Ion Ratio Lower Upper
 83 100
 131 10.6 6.3 19.1
 85 64.8 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 96.814 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 75 Resp: 107258
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.5 70.5





#77

Bromobenzene

Concen: 60.528 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

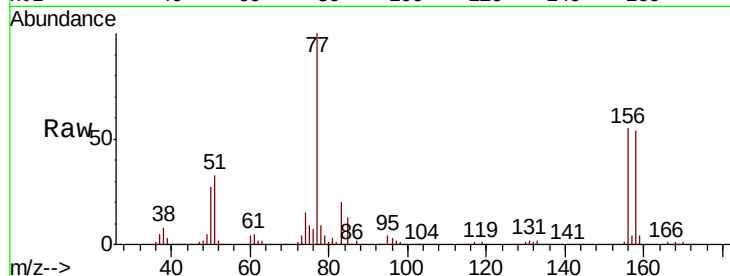
Tgt Ion:156 Resp: 90059

Ion Ratio Lower Upper

156 100

77 185.7 63.4 190.2

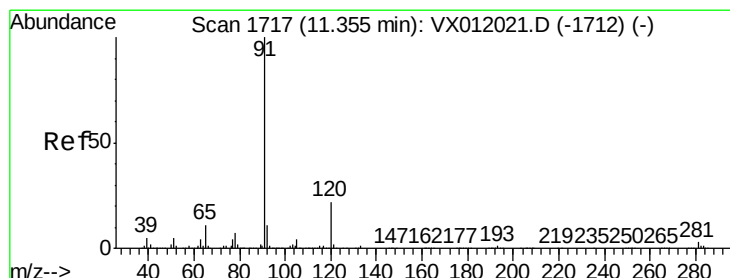
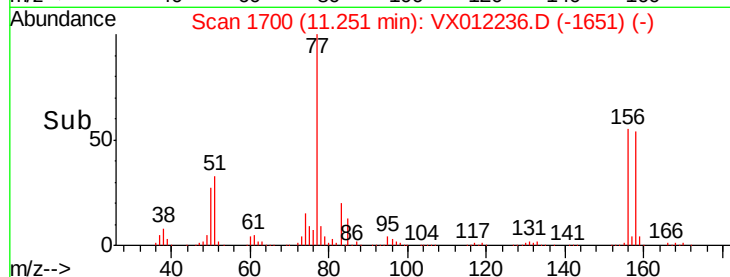
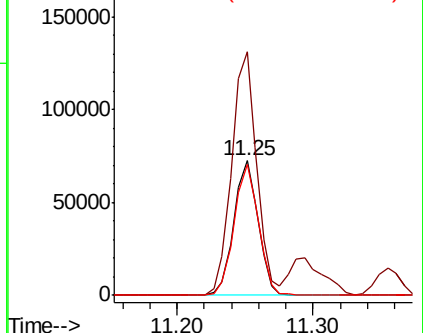
158 97.9 48.9 146.6



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: 51.332 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012236.D

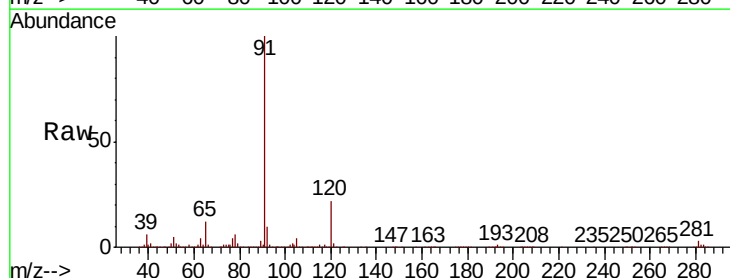
Acq: 08 Sep 2019 21:19

Tgt Ion: 91 Resp: 412571

Ion Ratio Lower Upper

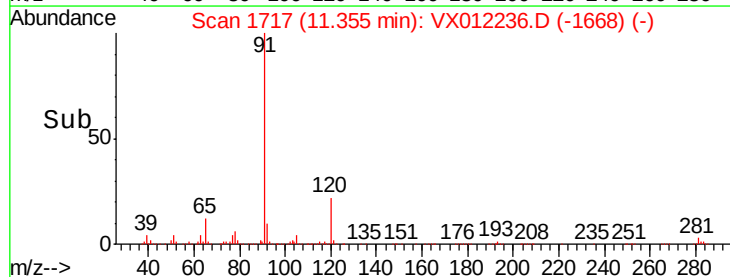
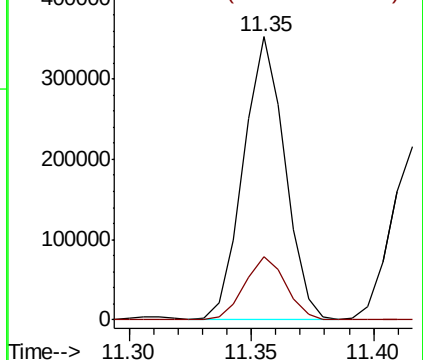
91 100

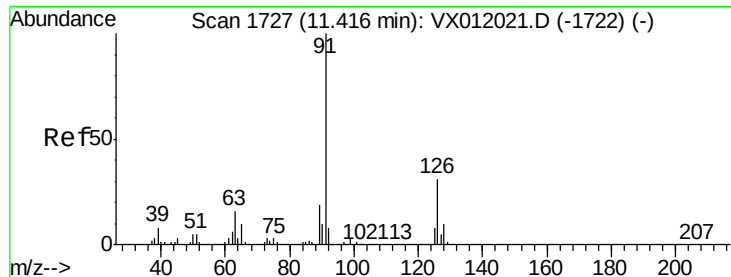
120 22.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

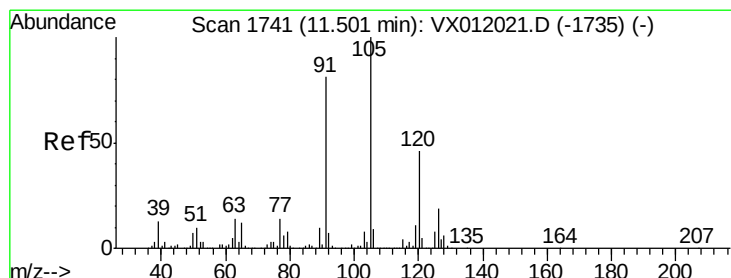
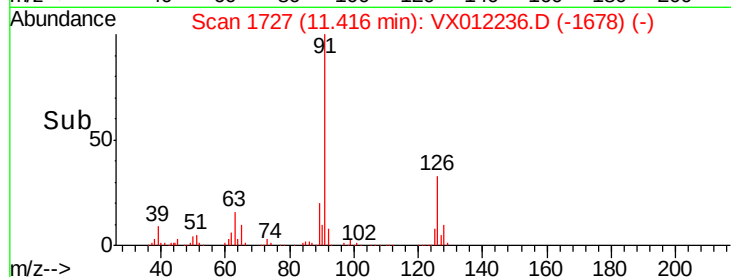
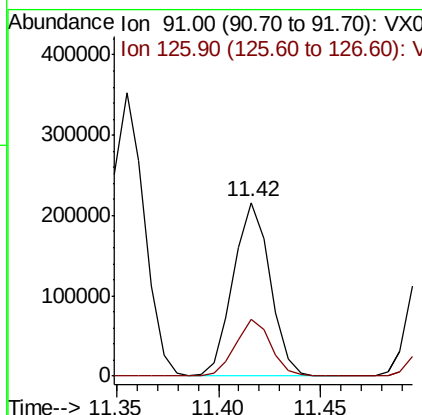
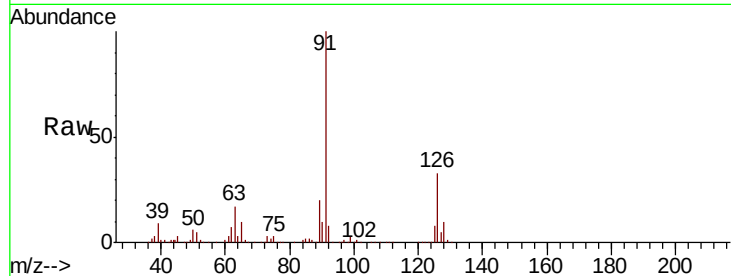




#79
 2-Chlorotoluene
 Concen: 55.443 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

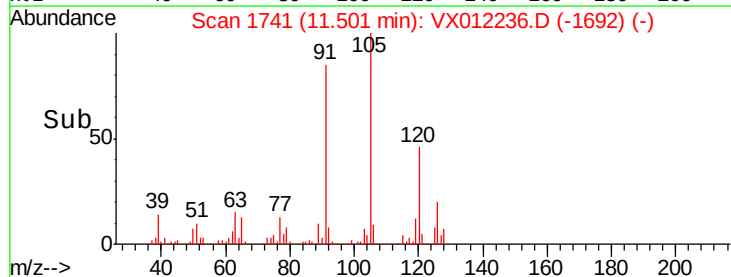
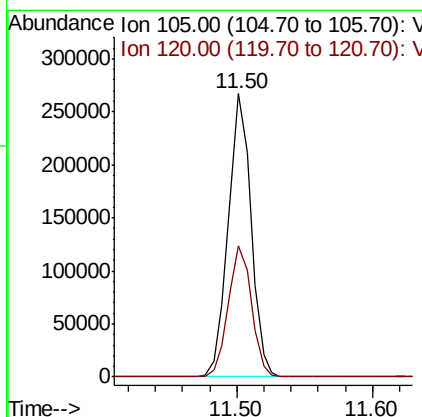
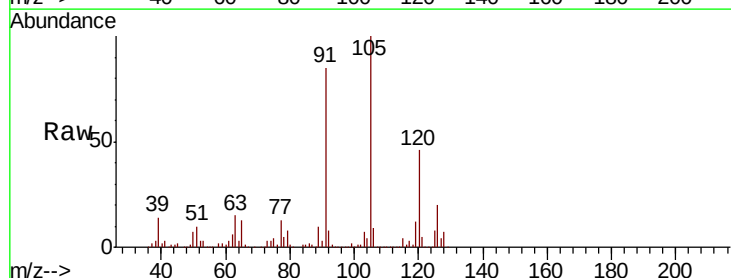
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

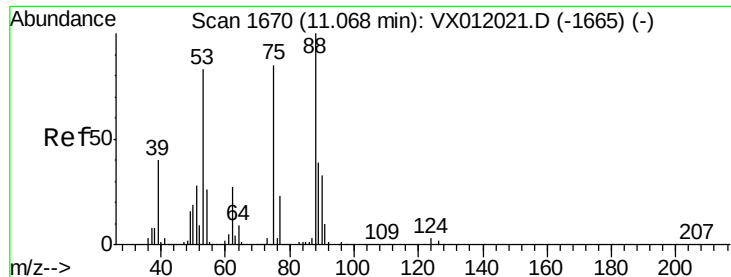
Tgt Ion: 91 Resp: 269962
 Ion Ratio Lower Upper
 91 100
 126 31.7 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.321 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 105 Resp: 310866
 Ion Ratio Lower Upper
 105 100
 120 47.2 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 60.732 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

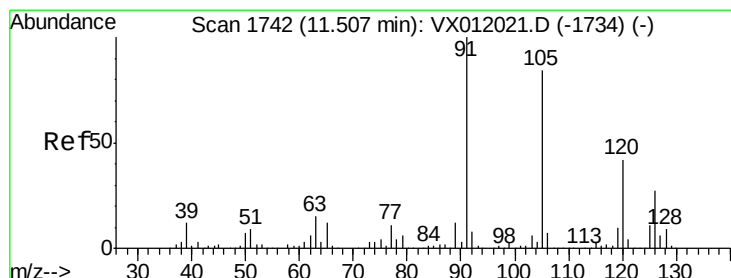
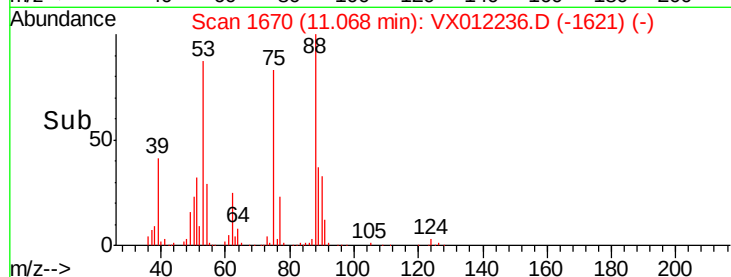
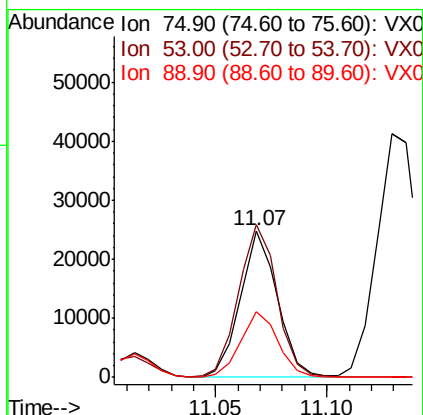
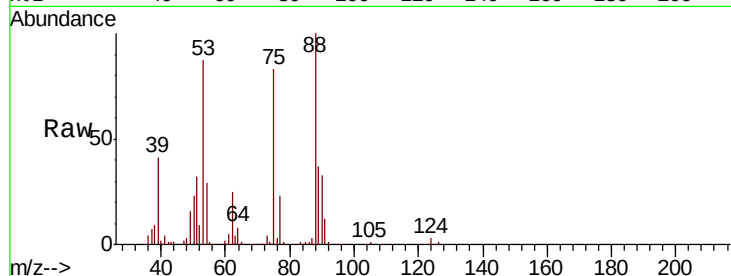
Tgt Ion: 75 Resp: 28460

Ion Ratio Lower Upper

75 100

53 108.8 78.6 117.8

89 46.2 38.8 58.2



#82

4-Chlorotoluene

Concen: 56.694 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012236.D

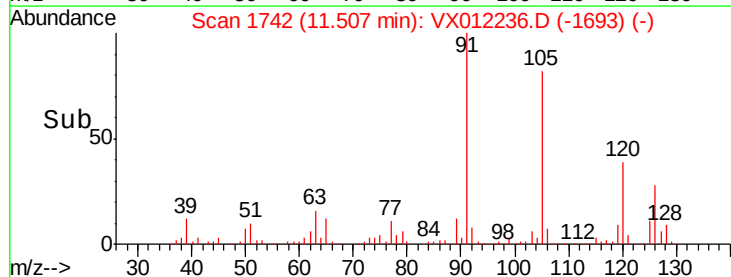
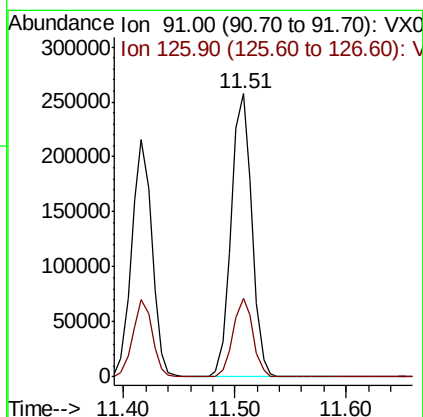
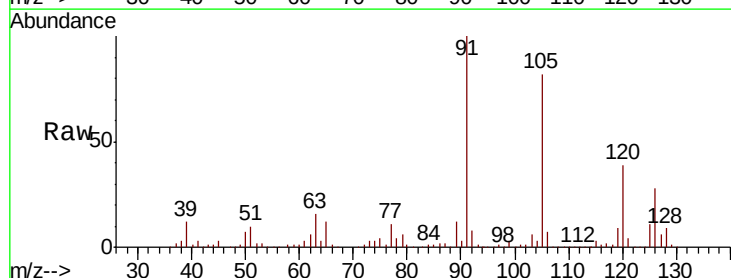
Acq: 08 Sep 2019 21:19

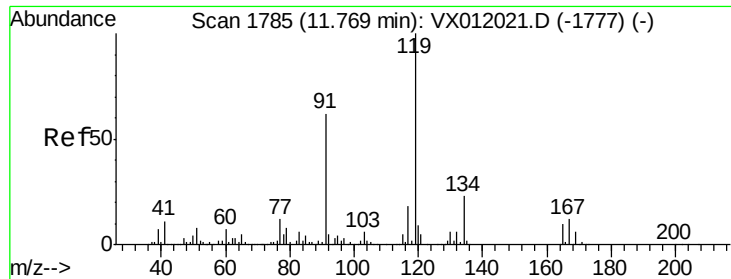
Tgt Ion: 91 Resp: 329032

Ion Ratio Lower Upper

91 100

126 27.1 16.2 48.6

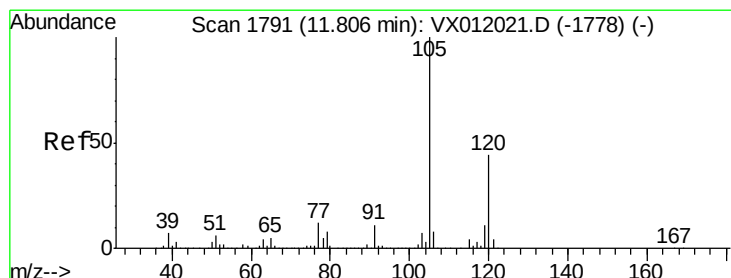
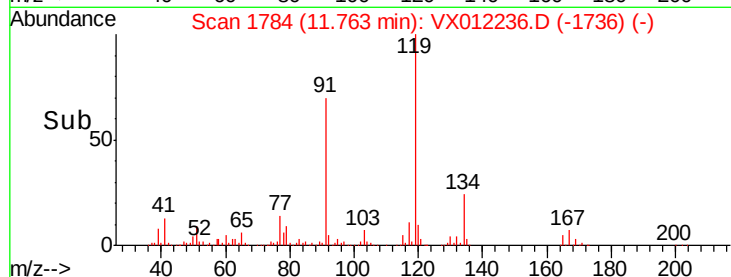
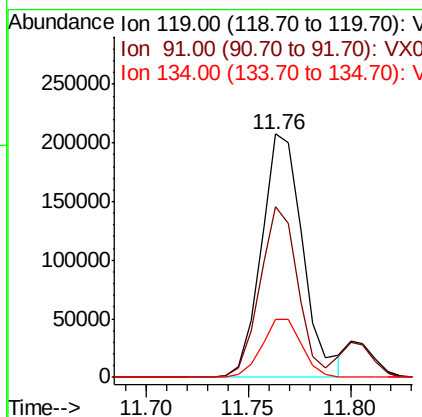
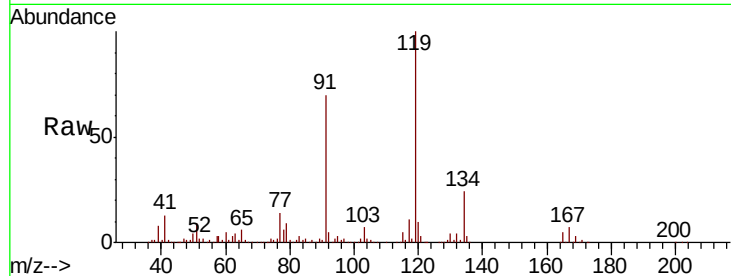




#83
 tert-Butylbenzene
 Concen: 52.719 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

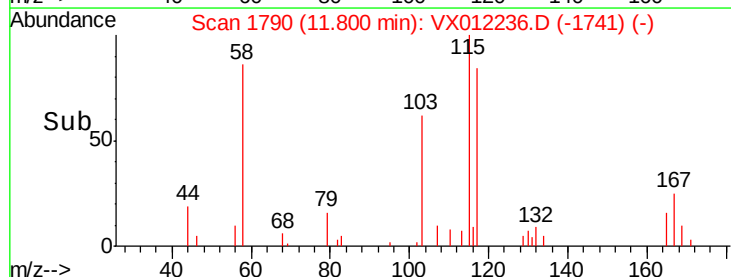
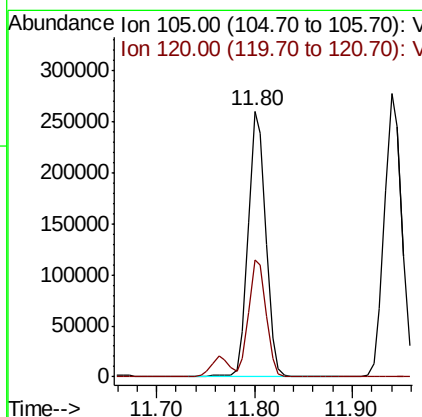
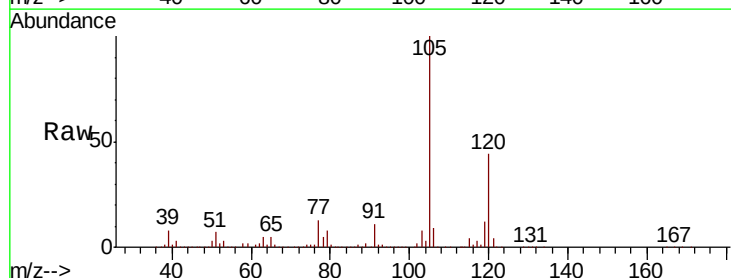
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

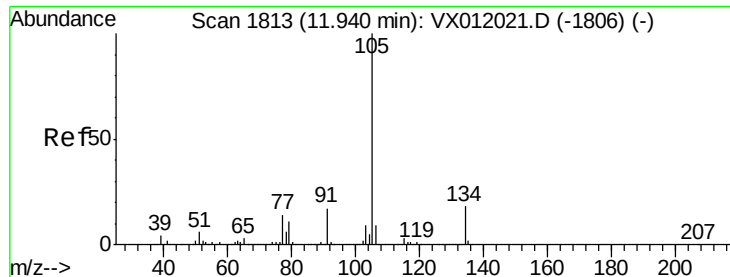
Tgt Ion:119 Resp: 292946
 Ion Ratio Lower Upper
 119 100
 91 64.1 27.1 81.2
 134 22.9 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.102 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion:105 Resp: 324179
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.6 70.8

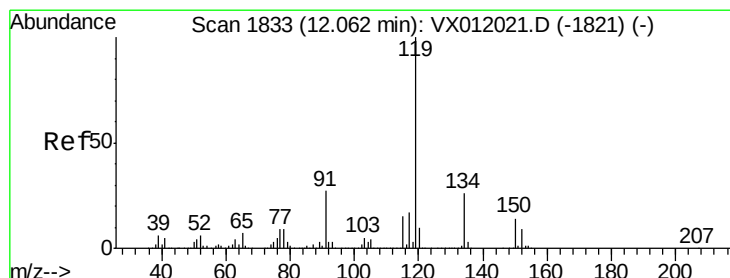
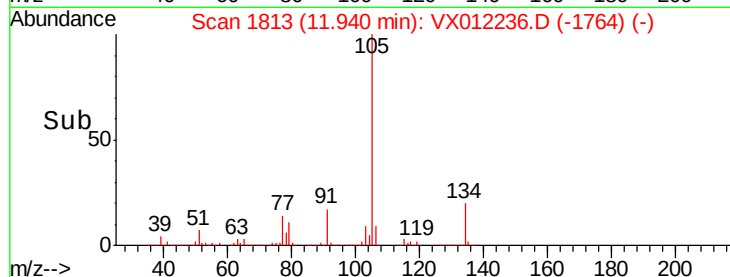
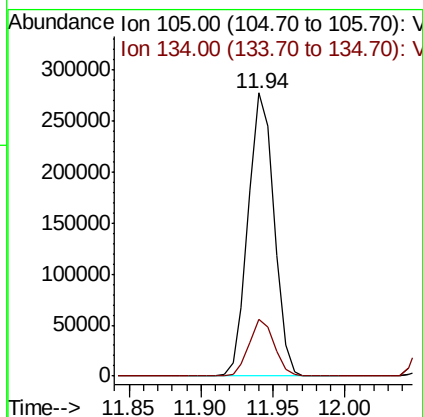
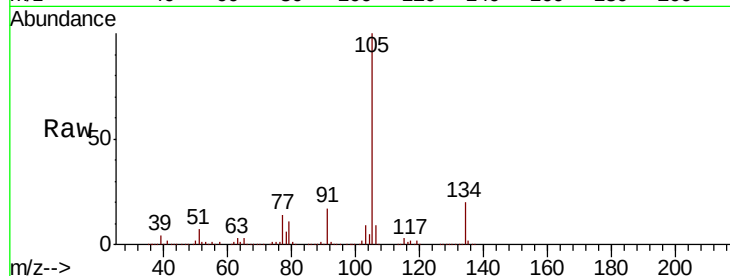




#85
 sec-Butylbenzene
 Concen: 49.803 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

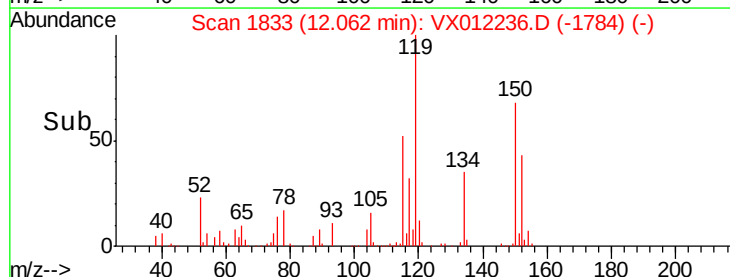
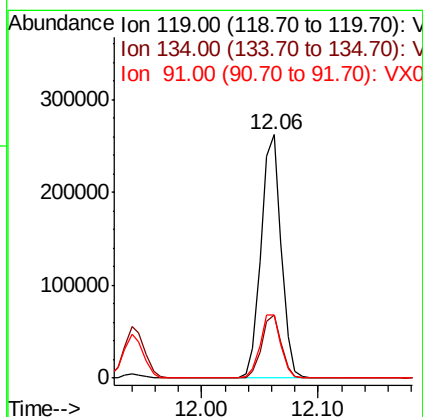
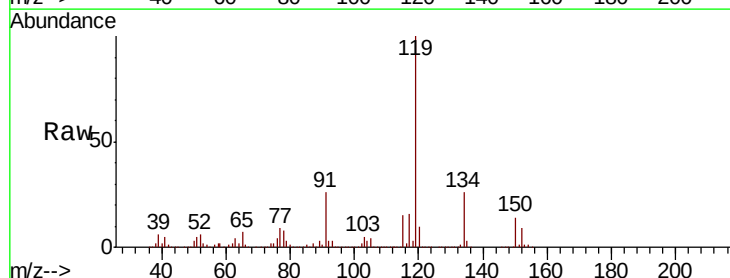
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

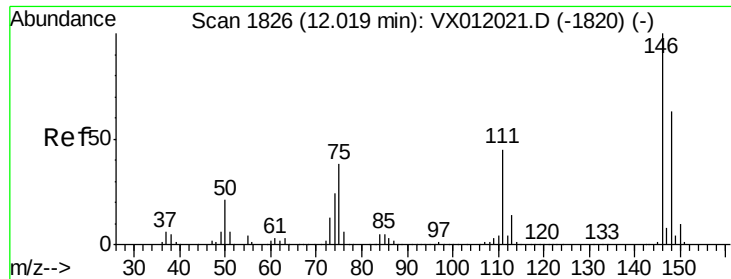
Tgt Ion:105 Resp: 343740
 Ion Ratio Lower Upper
 105 100
 134 19.6 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 50.581 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion:119 Resp: 317487
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.7 41.1
 91 26.7 11.4 34.1

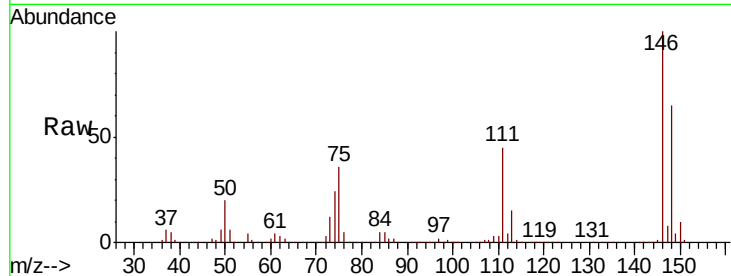




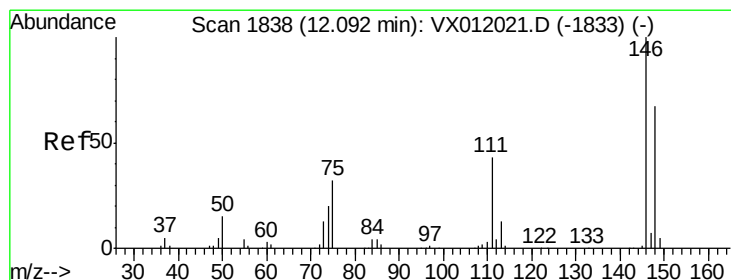
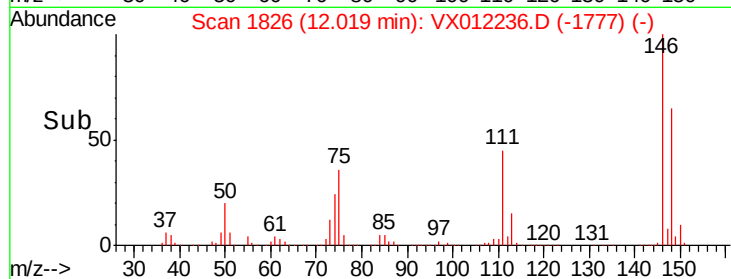
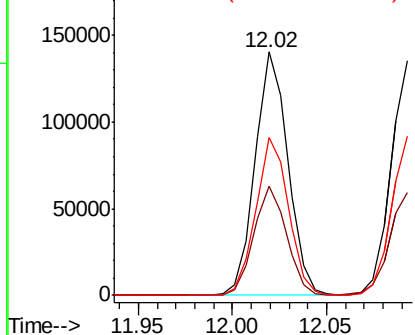
#87
 1,3-Dichlorobenzene
 Concen: 56.814 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 169388
 Ion Ratio Lower Upper
 146 100
 111 44.8 18.1 54.1
 148 64.4 32.6 97.8

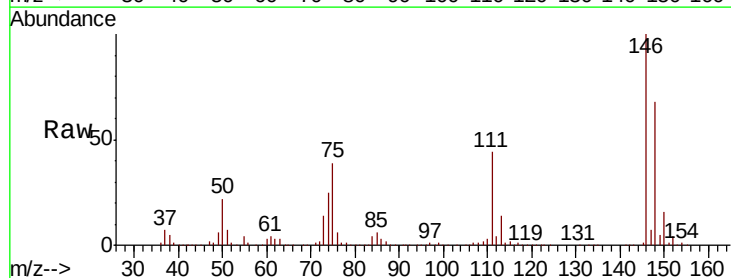


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

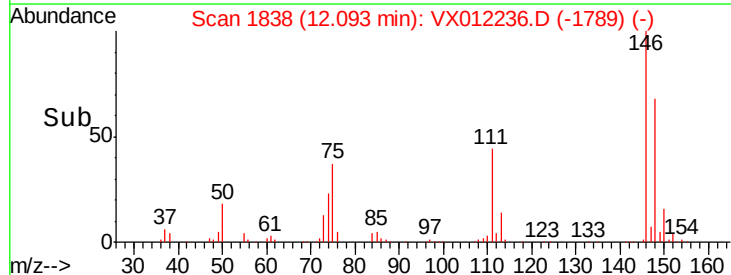
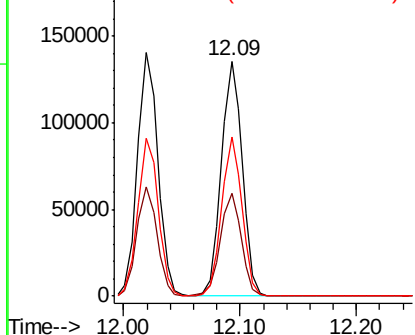


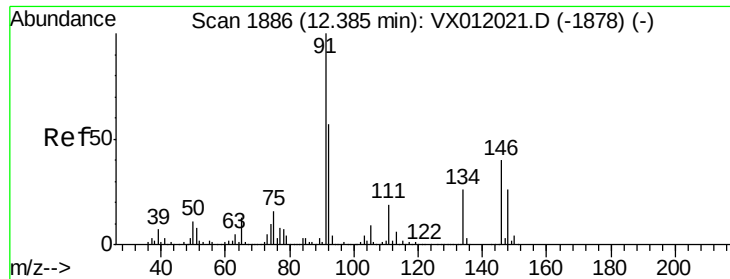
#88
 1,4-Dichlorobenzene
 Concen: 56.182 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion:146 Resp: 167487
 Ion Ratio Lower Upper
 146 100
 111 43.8 17.7 53.1
 148 65.7 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





#89

n-Butylbenzene

Concen: 48.663 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012236.D

Acq: 08 Sep 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

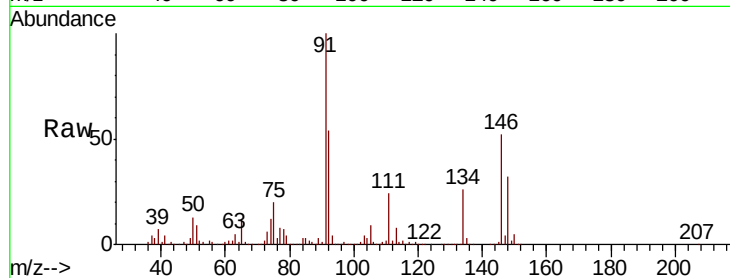
Tgt Ion: 91 Resp: 296721

Ion Ratio Lower Upper

91 100

92 55.2 27.6 82.8

134 25.2 15.4 46.1

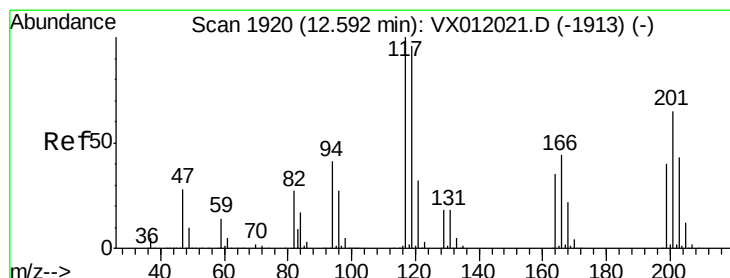
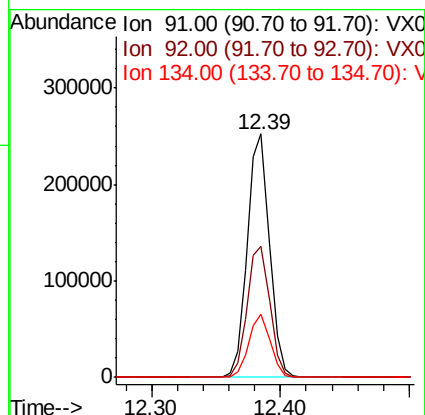
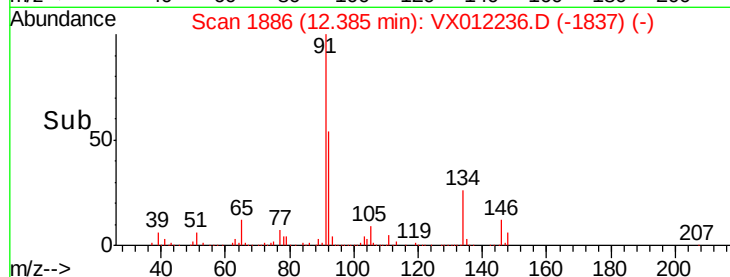


Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012021.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012021.D (-1878) (-)

Time-->



#90

Hexachloroethane

Concen: 49.270 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012236.D

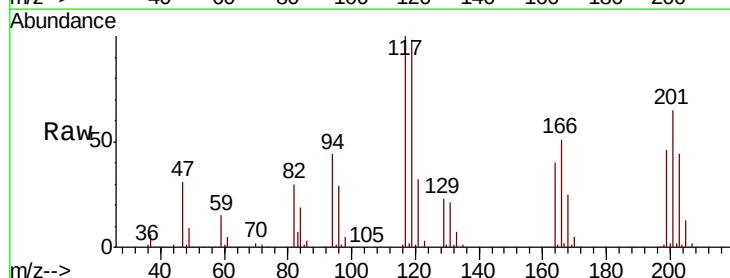
Acq: 08 Sep 2019 21:19

Tgt Ion: 117 Resp: 61750

Ion Ratio Lower Upper

117 100

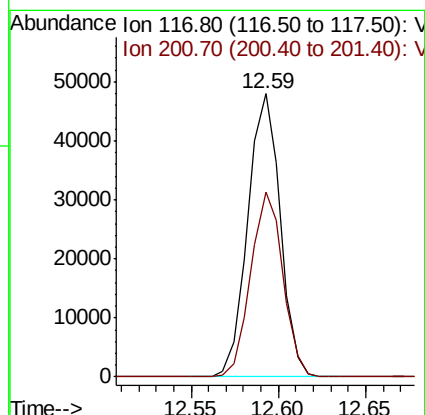
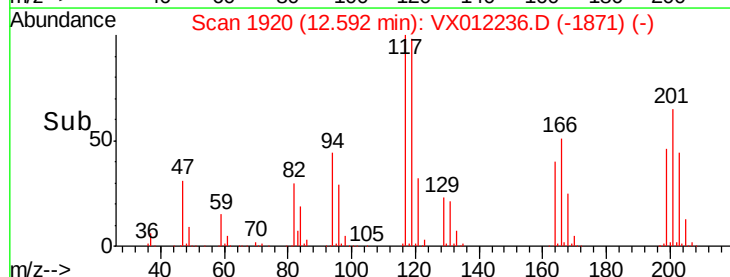
201 64.9 55.0 165.2

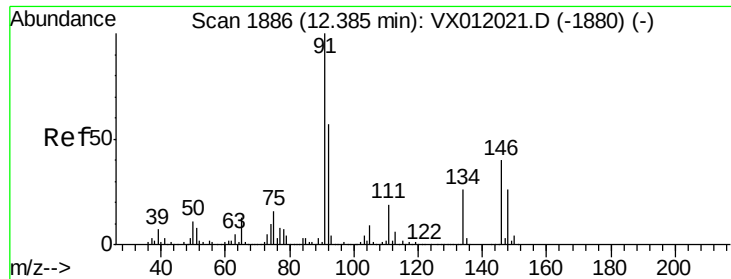


Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012021.D (-1913) (-)

Time-->

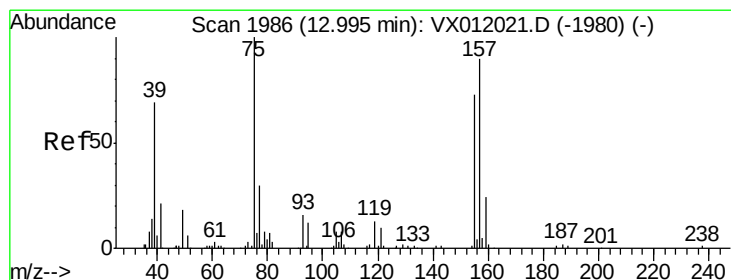
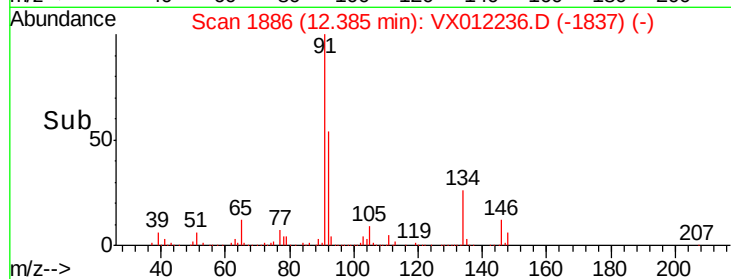
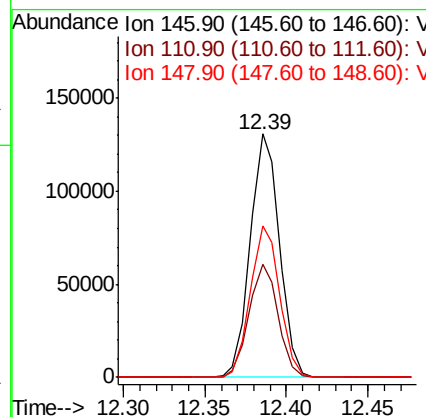
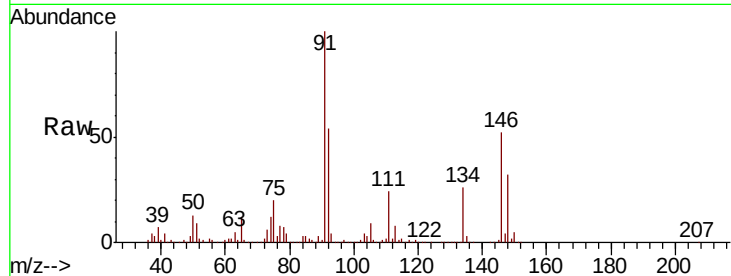




#91
 1,2-Dichlorobenzene
 Concen: 61.051 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

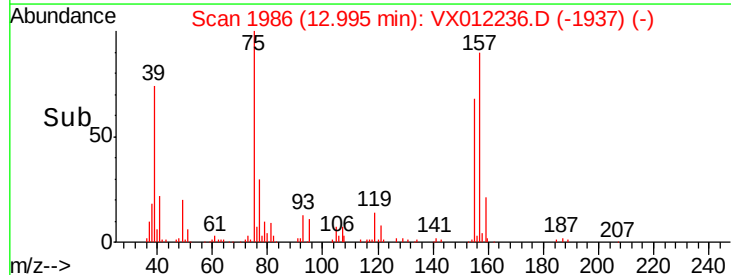
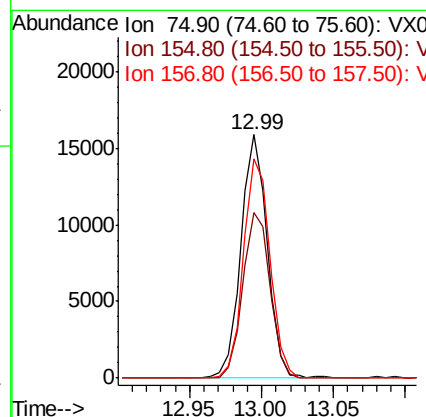
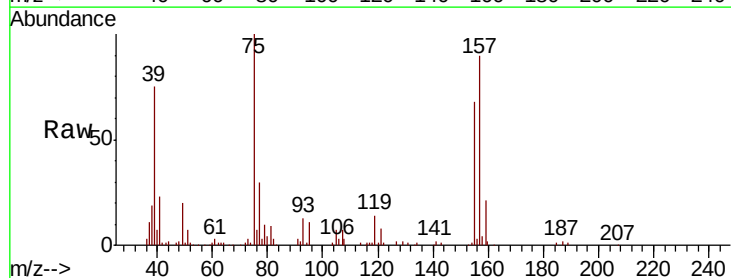
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

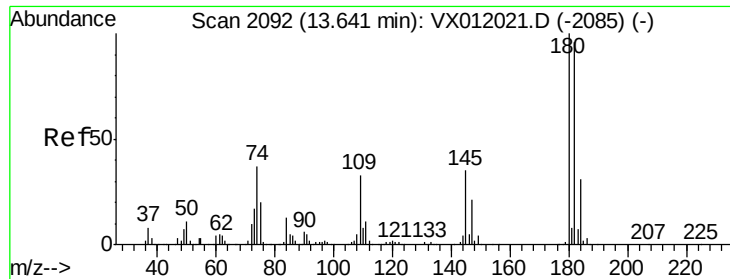
Tgt Ion: 146 Resp: 163931
 Ion Ratio Lower Upper
 146 100
 111 46.2 18.6 56.0
 148 62.5 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 69.573 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion: 75 Resp: 20192
 Ion Ratio Lower Upper
 75 100
 155 69.9 51.7 155.2
 157 90.2 66.9 200.7

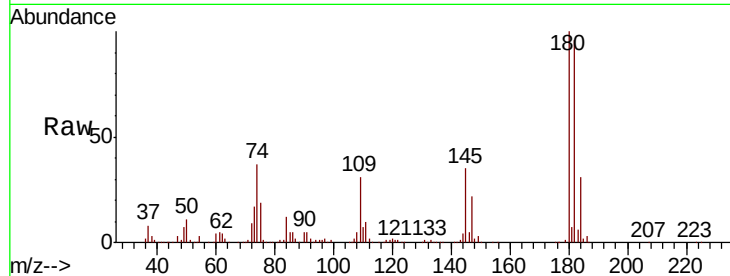




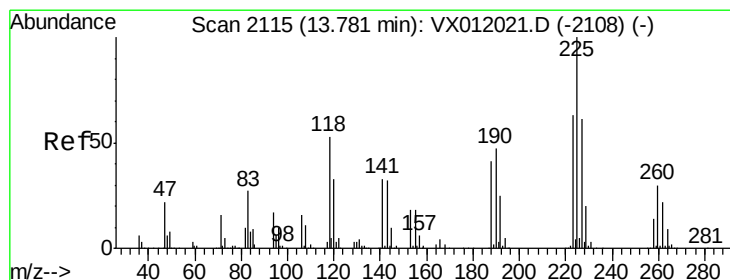
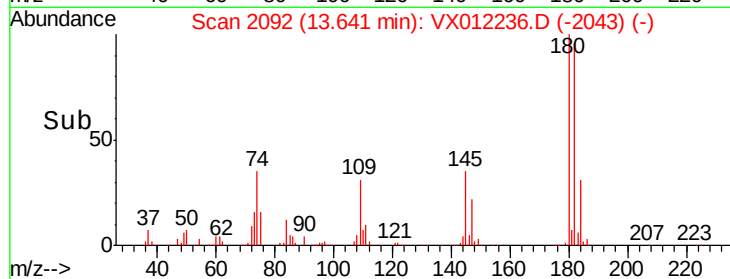
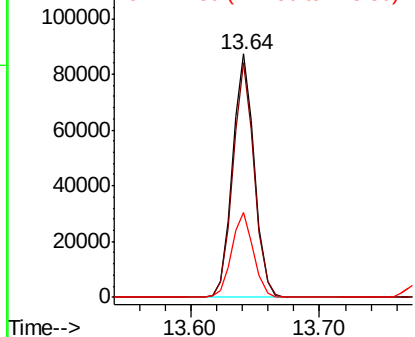
#93
 1,2,4-Trichlorobenzene
 Concen: 53.956 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 103122
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 142.0
 145 34.6 13.7 41.0

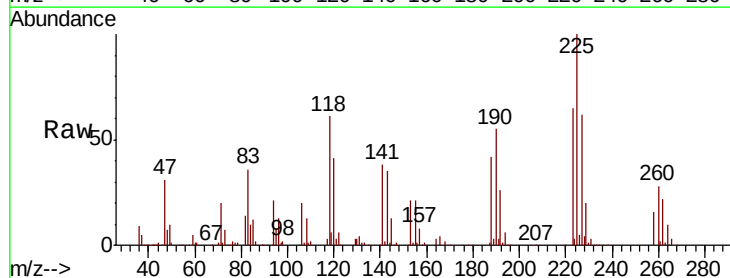


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

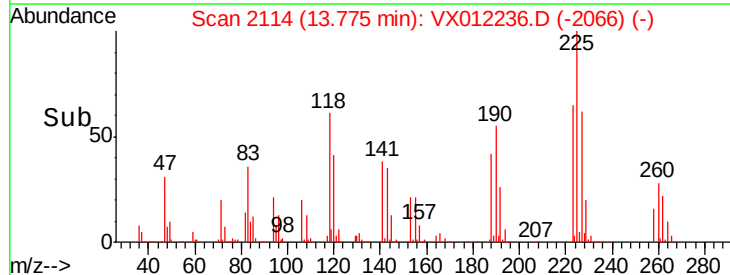
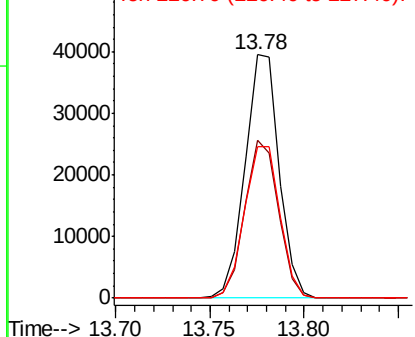


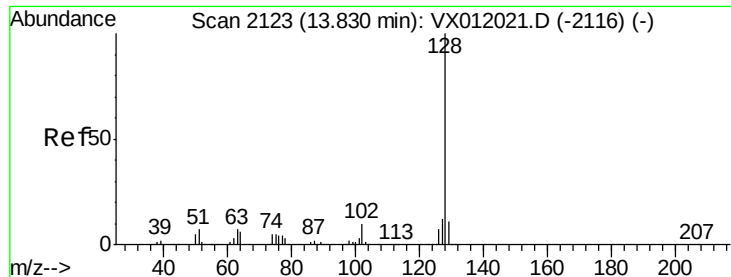
#94
 Hexachlorobutadiene
 Concen: 51.439 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012236.D
 Acq: 08 Sep 2019 21:19

Tgt Ion:225 Resp: 49557
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 95.0
 227 65.0 32.5 97.5



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

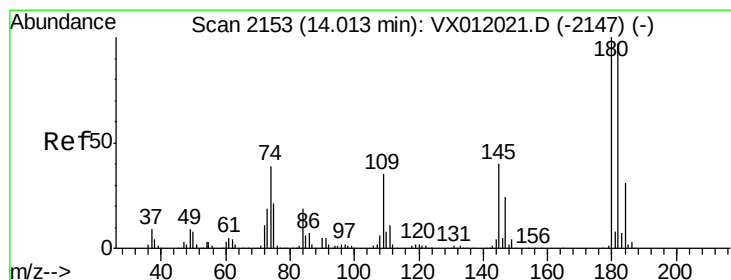
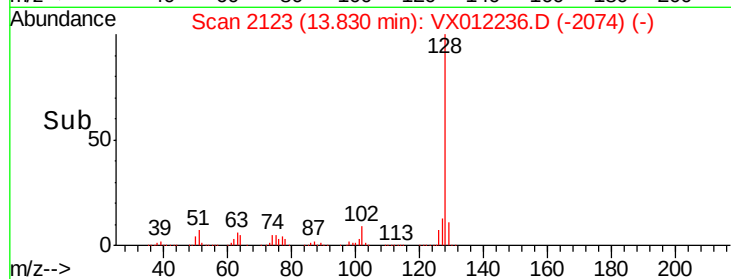
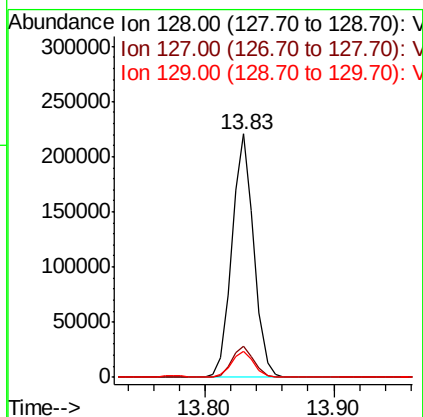
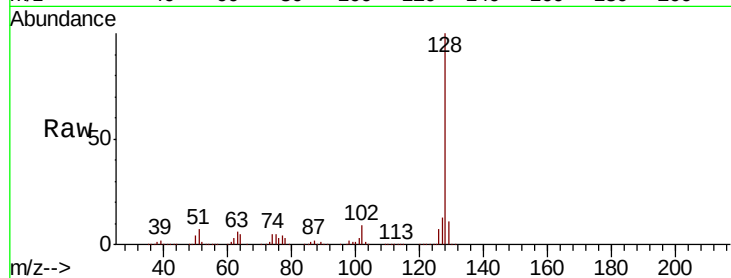




#95
Naphthalene
Concen: 63.030 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 260719
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 55.906 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012236.D
Acq: 08 Sep 2019 21:19

Tgt Ion:180 Resp: 94001
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 37.6 14.1 42.4

