

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011964.D
 Acq On : 31 Aug 2019 22:07
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 01 01:53:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	313564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	450817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	432171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	165509	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	5.48	113	158255	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
50) Toluene-d8	8.71	98	549090	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	11.14	95	232624	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86149	45.521	ug/l	98
3) Chloromethane	1.31	50	101414	46.226	ug/l	100
4) Vinyl Chloride	1.39	62	100022	47.745	ug/l	97
5) Bromomethane	1.62	94	76596	52.842	ug/l	99
6) Chloroethane	1.71	64	67567	51.822	ug/l	99
7) Trichlorofluoromethane	1.92	101	181336	49.841	ug/l	100
8) Diethyl Ether	2.17	74	68634	54.891	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118468	49.960	ug/l	98
10) Methyl Iodide	2.50	142	126381	48.904	ug/l	99
11) Tert butyl alcohol	3.03	59	80851	279.733	ug/l	100
12) 1,1-Dichloroethene	2.36	96	113192	51.397	ug/l	98
13) Acrolein	2.28	56	31951	222.104	ug/l	97
14) Allyl chloride	2.71	41	216981	52.523	ug/l	99
15) Acrylonitrile	3.12	53	193180	281.274	ug/l	99
16) Acetone	2.42	43	171284	264.986	ug/l	100
17) Carbon Disulfide	2.56	76	294393	46.604	ug/l	99
18) Methyl Acetate	2.76	43	107197	59.910	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	402379	56.398	ug/l	100
20) Methylene Chloride	2.84	84	150303	54.985	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	138399	53.349	ug/l	98
22) Diisopropyl ether	3.84	45	466260	55.285	ug/l	99
23) Vinyl Acetate	3.80	43	1462147	269.655	ug/l	100
24) 1,1-Dichloroethane	3.68	63	256795	55.216	ug/l	99
25) 2-Butanone	4.65	43	263036	279.397	ug/l	98
26) 2,2-Dichloropropane	4.56	77	195524	50.125	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	174934	57.248	ug/l	98
28) Bromochloromethane	5.00	49	110681	53.036	ug/l	96
29) Tetrahydrofuran	5.11	42	163310	277.920	ug/l	99
30) Chloroform	5.19	83	283587	57.028	ug/l	99
31) Cyclohexane	5.56	56	170303	45.399	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	242414	54.879	ug/l	99
36) 1,1-Dichloropropene	5.78	75	177226	49.621	ug/l	99
37) Ethyl Acetate	4.81	43	115212	54.496	ug/l	99
38) Carbon Tetrachloride	5.77	117	215626	52.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	187837	44.154	ug/l	98
40) Benzene	6.12	78	568782	53.352	ug/l	98
41) Methacrylonitrile	5.02	41	68022	54.645	ug/l	99
42) 1,2-Dichloroethane	6.18	62	202520	55.860	ug/l	100
43) Isopropyl Acetate	6.43	43	232251	54.184	ug/l	99
44) Trichloroethene	7.20	130	176491	53.506	ug/l	97
45) 1,2-Dichloropropane	7.50	63	151204	54.221	ug/l	99
46) Dibromomethane	7.65	93	91384	55.217	ug/l	98
47) Bromodichloromethane	7.89	83	229317	55.878	ug/l	100
48) Methyl methacrylate	7.76	41	114685	54.990	ug/l	99
49) 1,4-Dioxane	7.73	88	33184	1157.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	595254	273.367	ug/l	99
52) Toluene	8.78	92	379636	53.826	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	228074	54.255	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	253542	53.729	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	135941	56.108	ug/l	98
56) Ethyl methacrylate	9.17	69	185496	55.164	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224891	55.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	436982	272.840	ug/l	98
59) 2-Hexanone	9.48	43	417641	270.012	ug/l	99
60) Dibromochloromethane	9.57	129	186473	57.304	ug/l	100
61) 1,2-Dibromoethane	9.67	107	135691	56.487	ug/l	100
64) Tetrachloroethene	9.33	164	196701	56.582	ug/l	98
65) Chlorobenzene	10.14	112	457470	54.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	188946	55.791	ug/l	99
67) Ethyl Benzene	10.25	91	751146	52.728	ug/l	100
68) m/p-Xylenes	10.35	106	582036	105.810	ug/l	100
69) o-Xylene	10.70	106	287393	53.615	ug/l	100
70) Styrene	10.71	104	514556	54.461	ug/l	100
71) Bromoform	10.85	173	136040	56.808	ug/l #	100
73) Isopropylbenzene	11.01	105	765818	52.131	ug/l	100
74) N-amyl acetate	10.89	43	223945	51.369	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	161172	53.609	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171918	68.356	ug/l	83
77) Bromobenzene	11.25	156	233828	54.883	ug/l	97
78) n-propylbenzene	11.35	91	860324	51.646	ug/l	100
79) 2-Chlorotoluene	11.42	91	529341	52.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	669977	52.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49347	49.291	ug/l	98
82) 4-Chlorotoluene	11.51	91	636941	52.655	ug/l	99
83) tert-Butylbenzene	11.76	119	675176	52.477	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	682126	52.492	ug/l	100
85) sec-Butylbenzene	11.94	105	768826	51.446	ug/l	99
86) p-Isopropyltoluene	12.06	119	752825	51.951	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	428366	54.099	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	430967	53.839	ug/l	99
89) n-Butylbenzene	12.38	91	642011	50.077	ug/l	99
90) Hexachloroethane	12.59	117	151012	53.867	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	404005	54.879	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32024	53.473	ug/l	96

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QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	329917	53.223	ug/l	99
94) Hexachlorobutadiene	13.77	225	210302	50.801	ug/l	98
95) Naphthalene	13.83	128	567663	53.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	296815	52.951	ug/l	100

(#) = 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. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

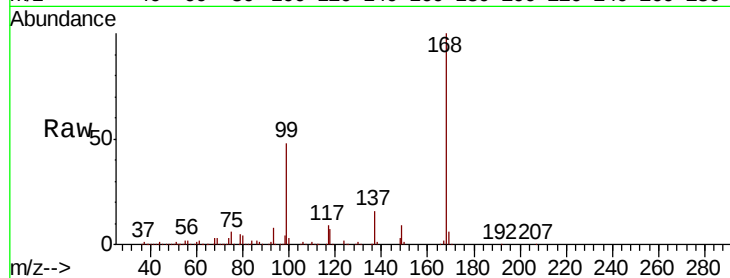
VSTDCCC050

Tgt Ion:168 Resp: 313564

Ion Ratio Lower Upper

168 100

99 47.8 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

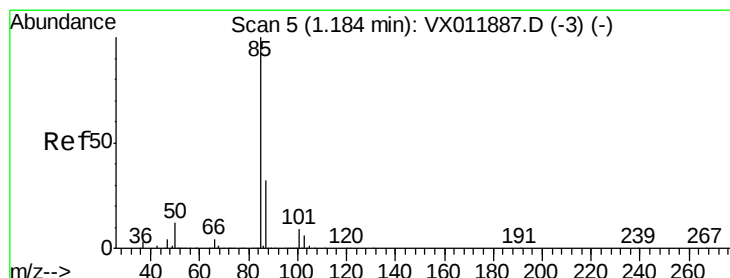
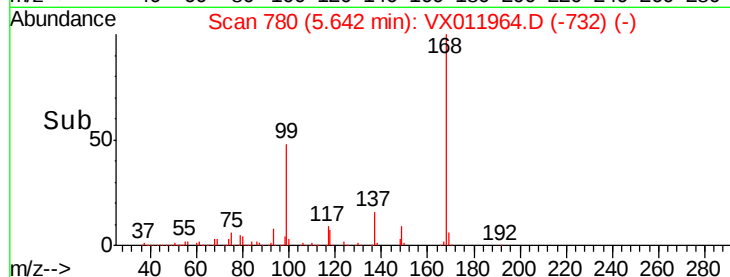
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.521 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011964.D

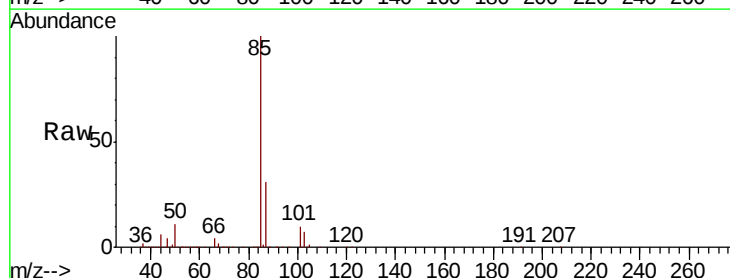
Acq: 31 Aug 2019 22:07

Tgt Ion: 85 Resp: 86149

Ion Ratio Lower Upper

85 100

87 30.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

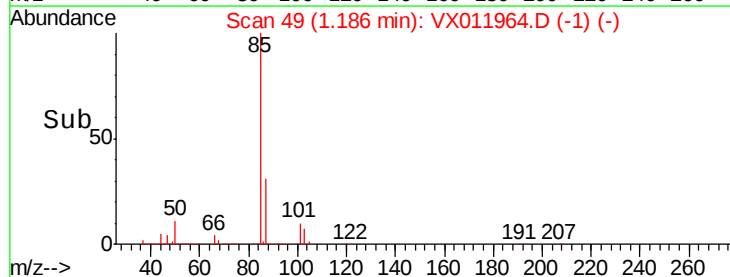
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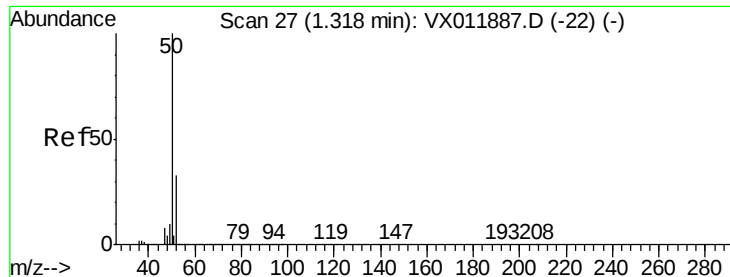
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.226 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

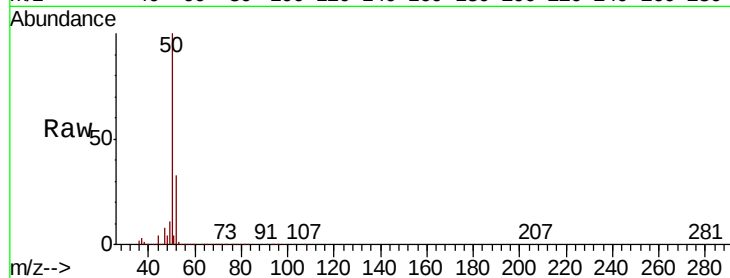
VSTDCCC050

Tgt Ion: 50 Resp: 101414

Ion Ratio Lower Upper

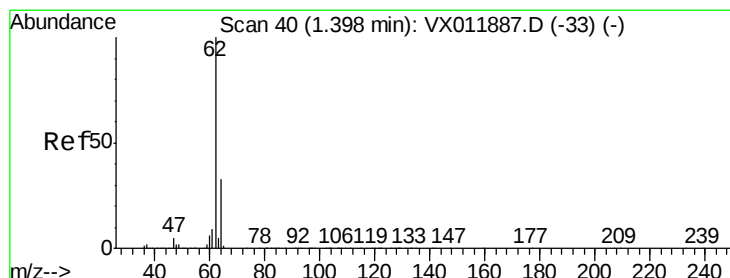
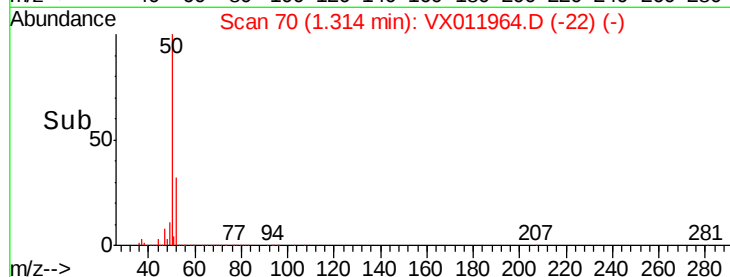
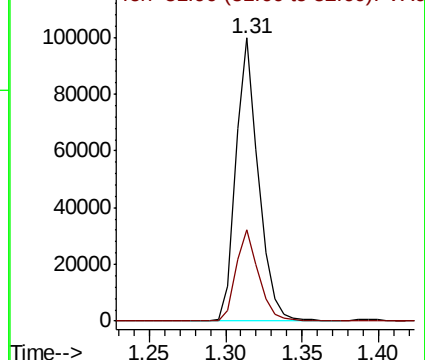
50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.745 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011964.D

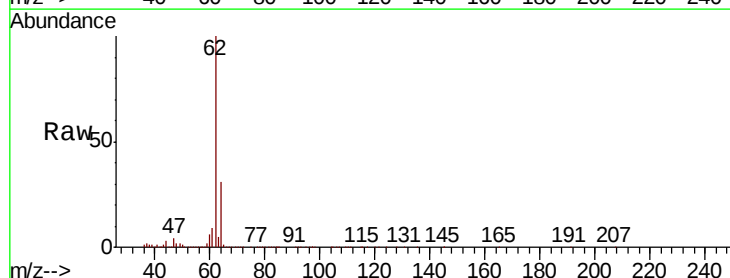
Acq: 31 Aug 2019 22:07

Tgt Ion: 62 Resp: 100022

Ion Ratio Lower Upper

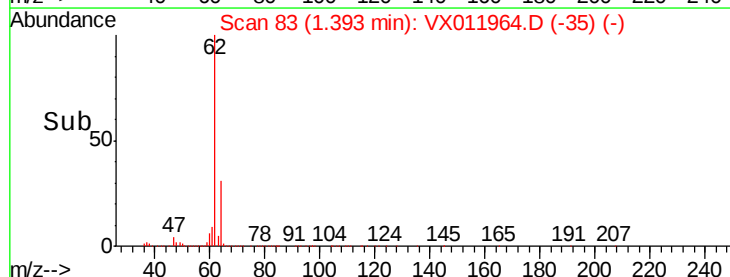
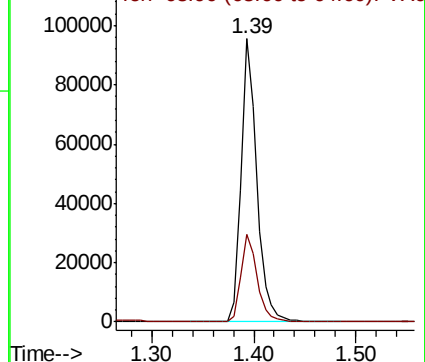
62 100

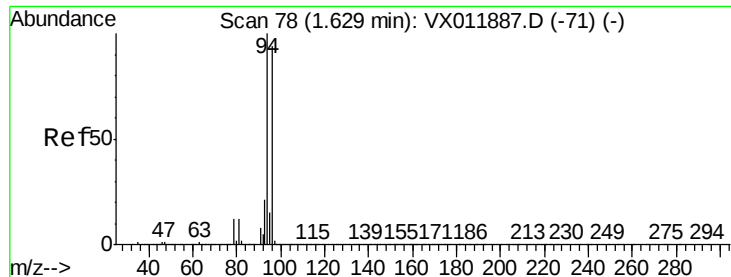
64 30.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

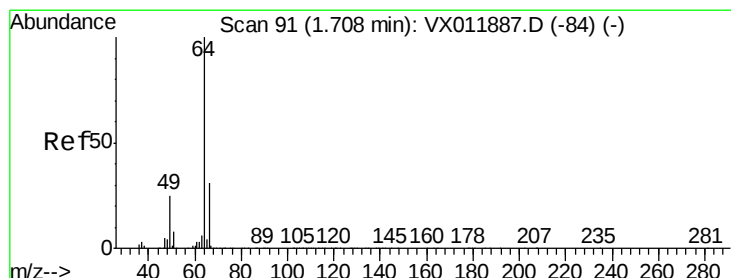
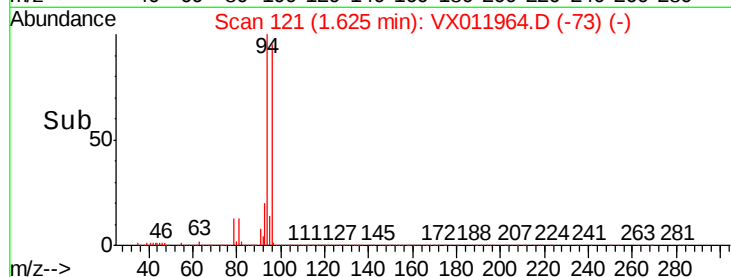
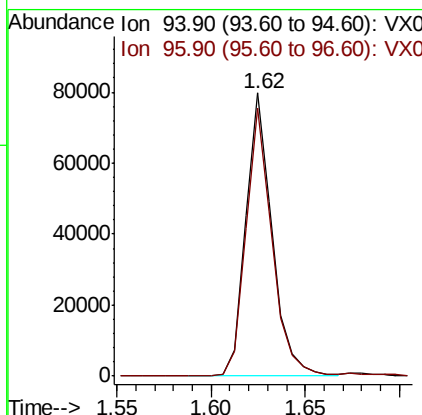
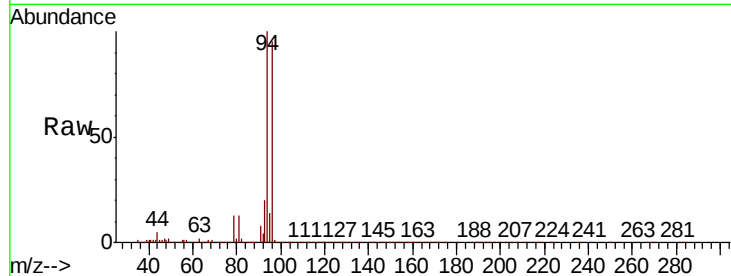




#5
Bromomethane
Concen: 52.842 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

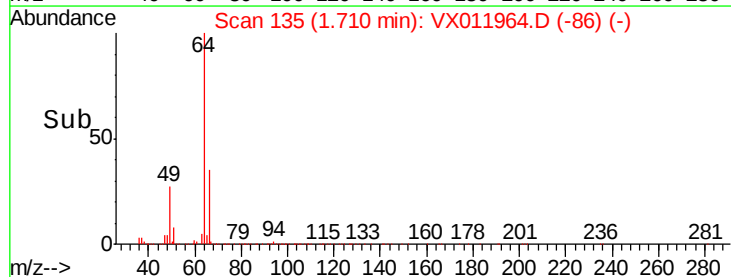
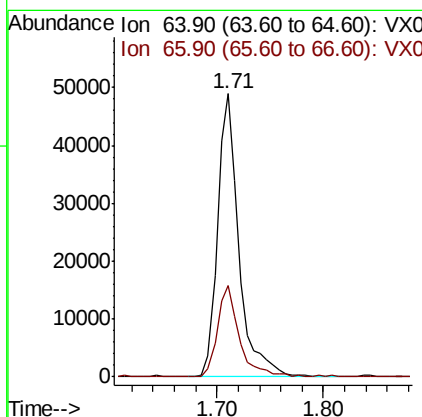
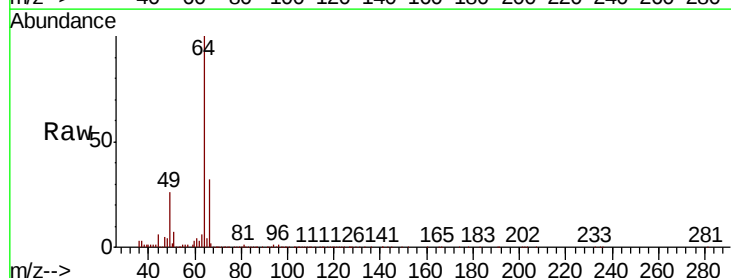
Instrument :
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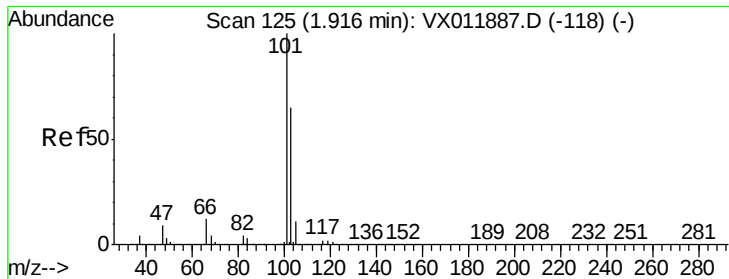
Tgt Ion: 94 Resp: 76596
Ion Ratio Lower Upper
94 100
96 94.8 75.0 112.6



#6
Chloroethane
Concen: 51.822 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 64 Resp: 67567
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.4



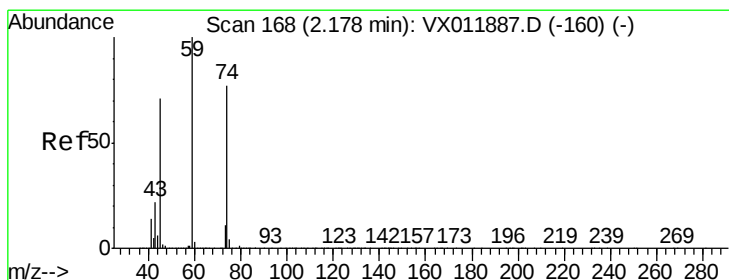
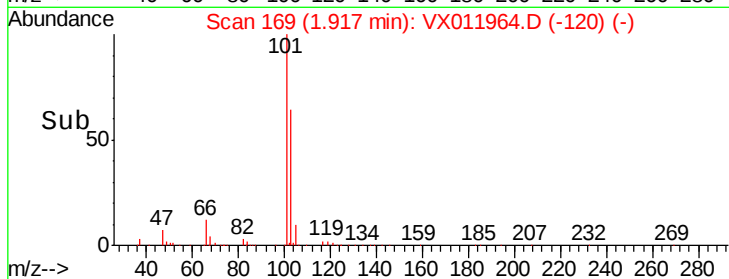
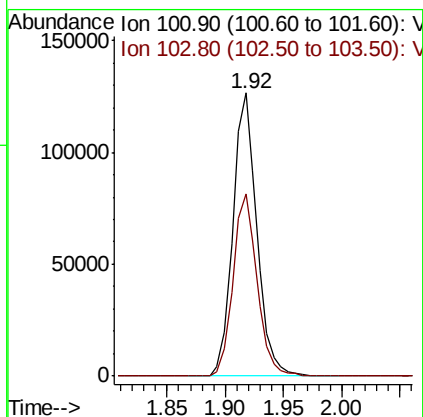
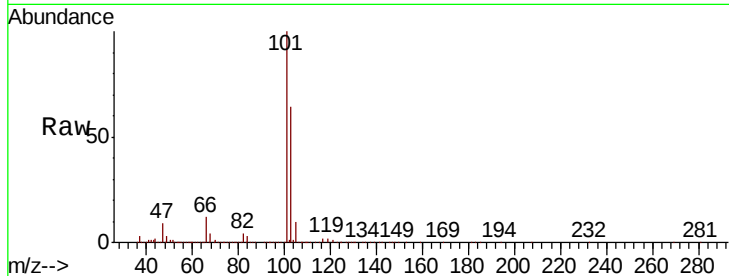


#7

Trichlorofluoromethane
 Concen: 49.841 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

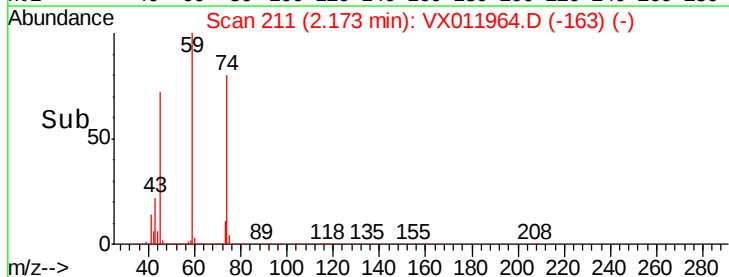
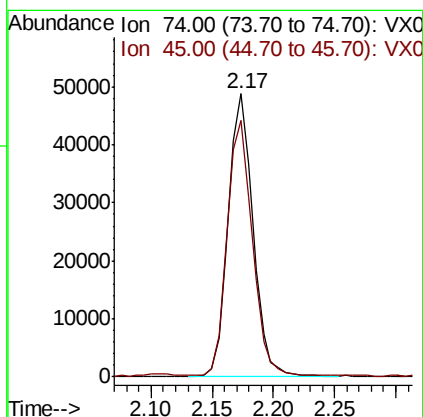
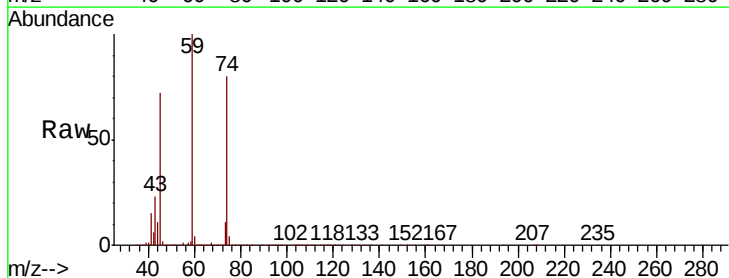
Tgt Ion: 101 Resp: 181336
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4

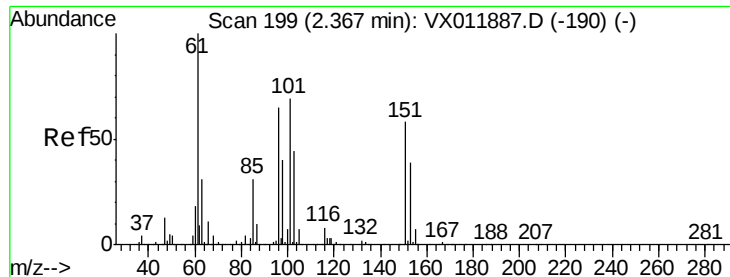


#8

Diethyl Ether
 Concen: 54.891 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 74 Resp: 68634
 Ion Ratio Lower Upper
 74 100
 45 91.0 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.960 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

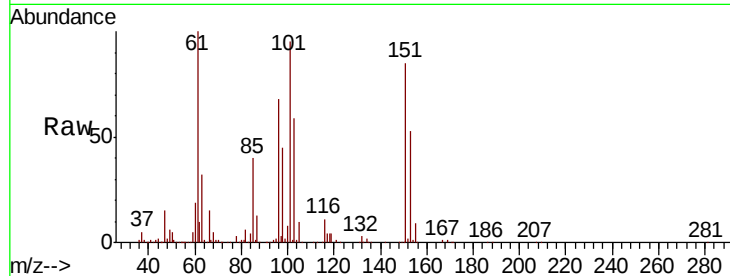
Tgt Ion:101 Resp: 118468

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

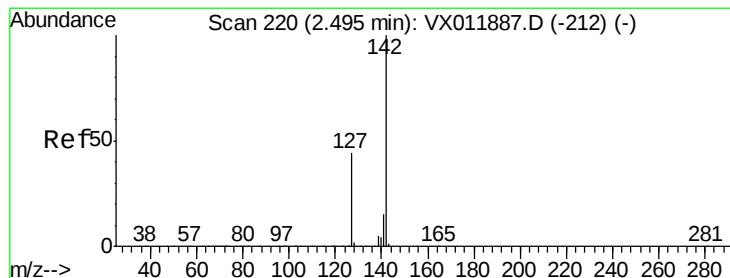
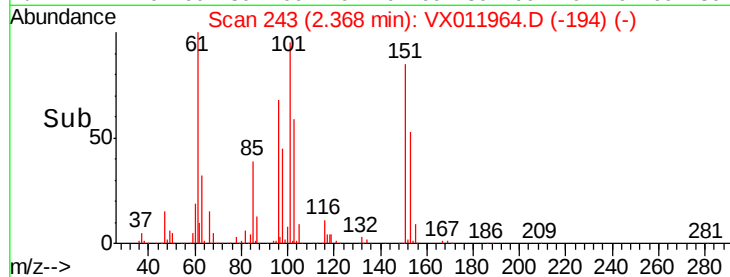
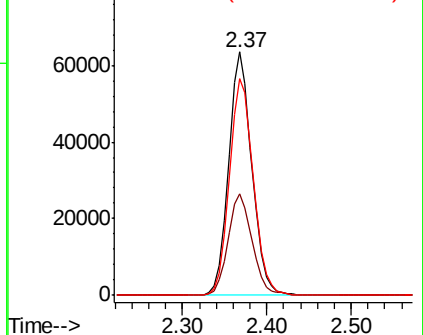
151 91.5 70.9 106.3



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: 48.904 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

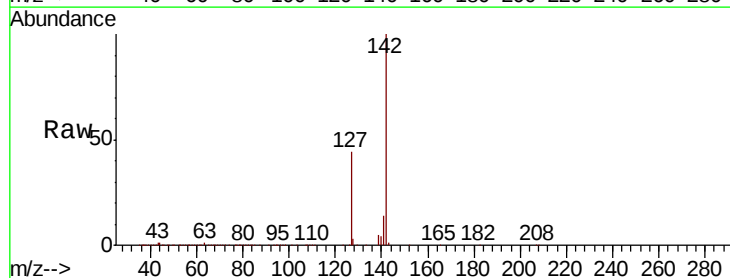
Tgt Ion:142 Resp: 126381

Ion Ratio Lower Upper

142 100

127 44.3 35.7 53.5

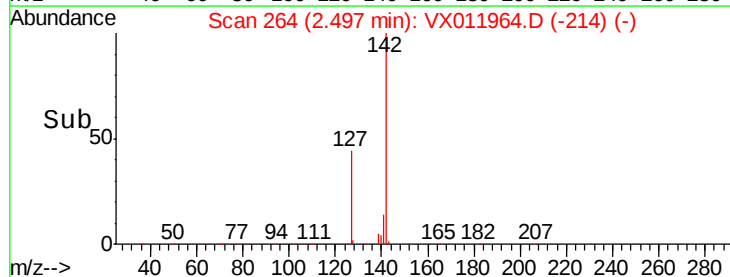
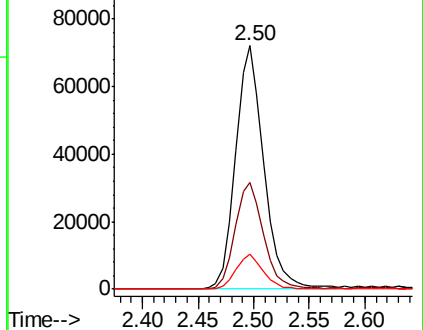
141 14.4 11.8 17.6

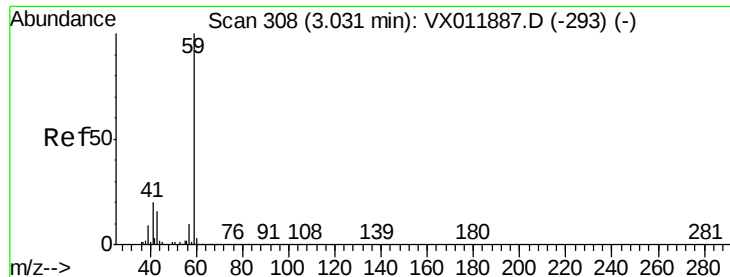


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

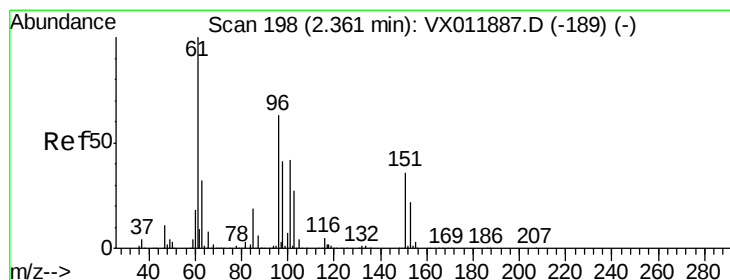
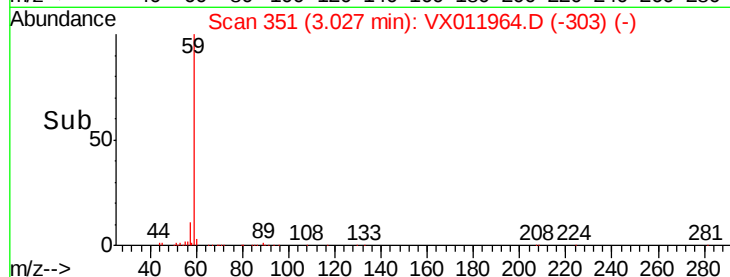
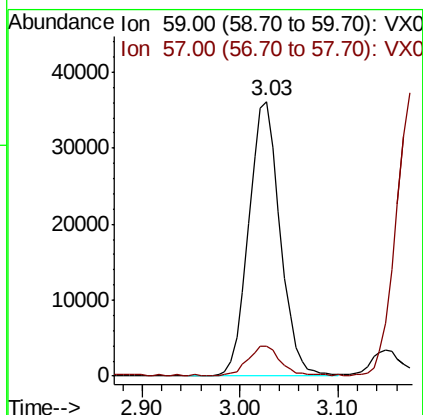
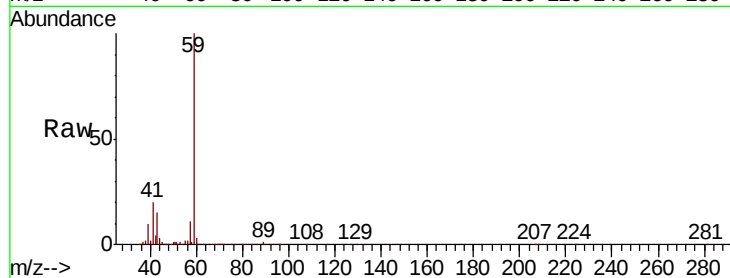




#11
Tert butyl alcohol
Concen: 279.733 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

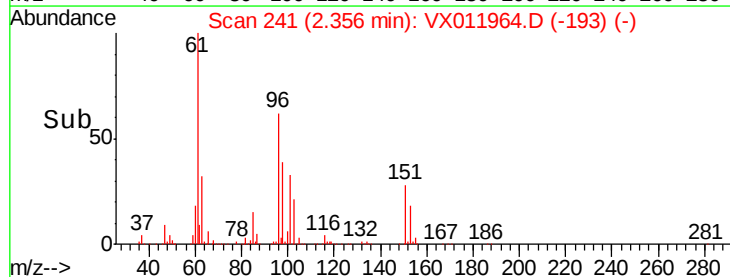
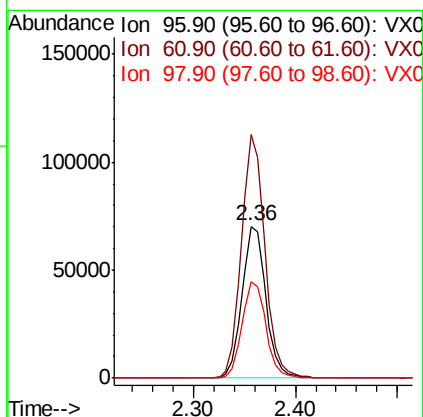
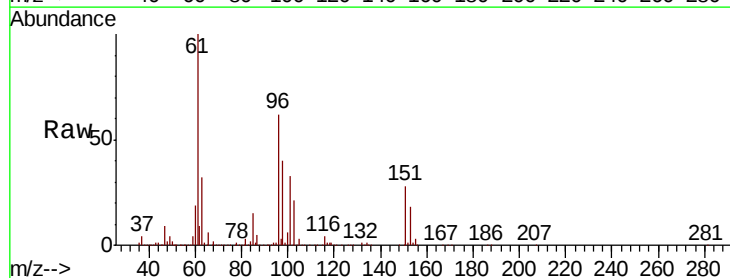
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

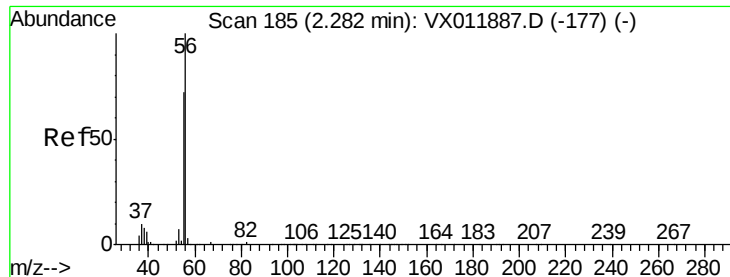
Tgt Ion: 59 Resp: 80851
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.397 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 96 Resp: 113192
Ion Ratio Lower Upper
96 100
61 160.6 126.6 190.0
98 63.5 51.6 77.4





#13

Acrolein

Concen: 222.104 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

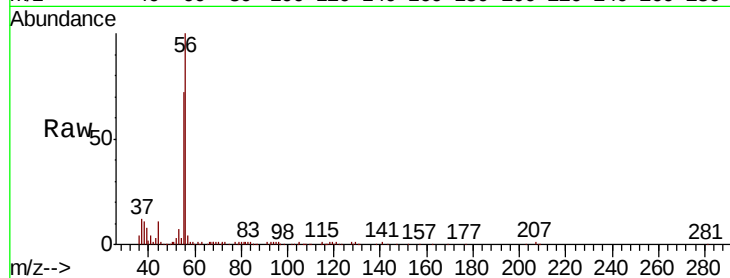
VSTDCCC050

Tgt Ion: 56 Resp: 31951

Ion Ratio Lower Upper

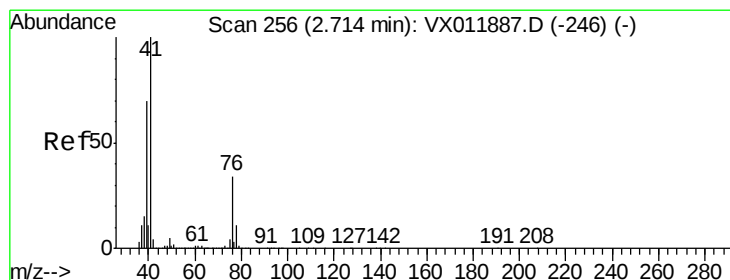
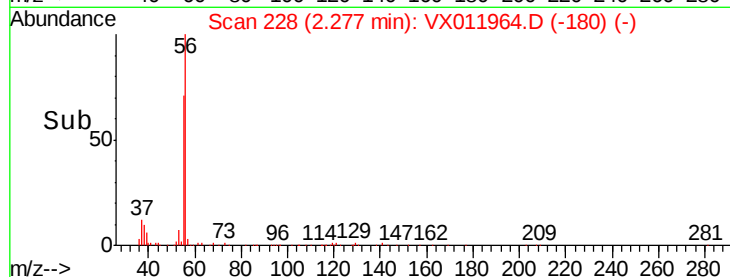
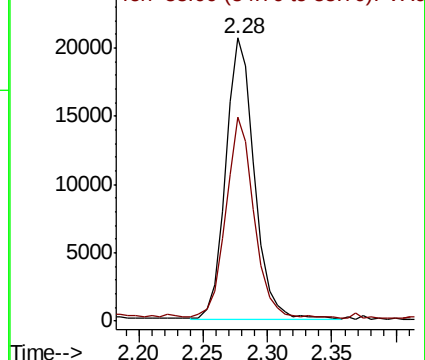
56 100

55 70.6 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.523 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

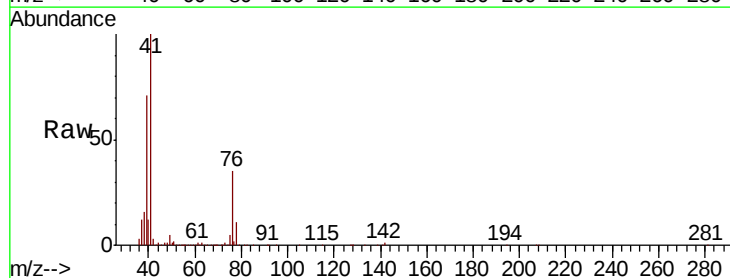
Tgt Ion: 41 Resp: 216981

Ion Ratio Lower Upper

41 100

39 69.7 55.0 82.6

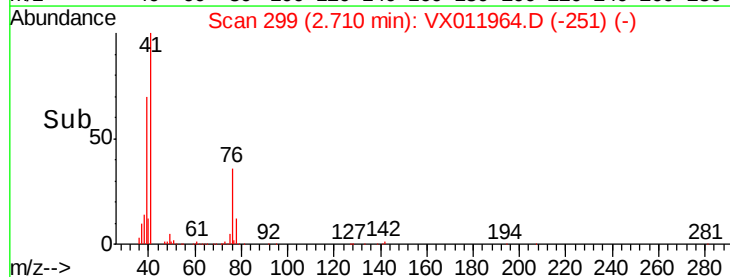
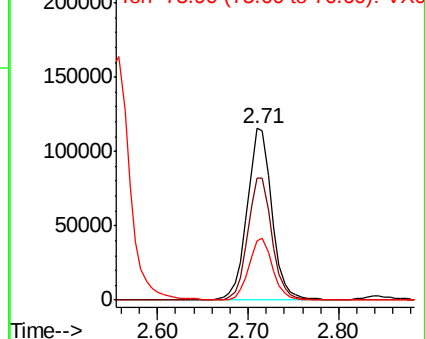
76 34.4 27.0 40.4

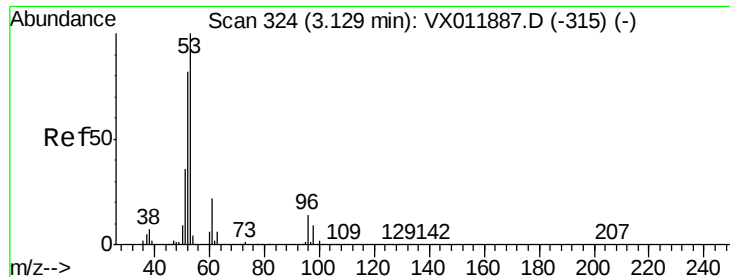


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

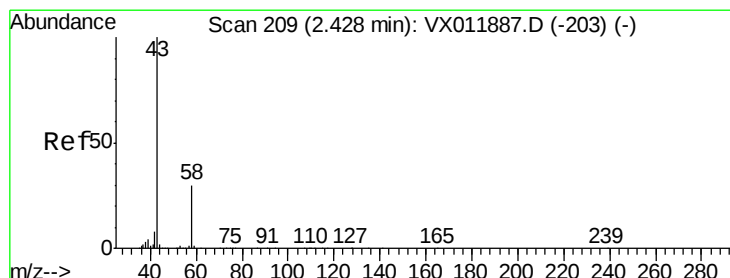
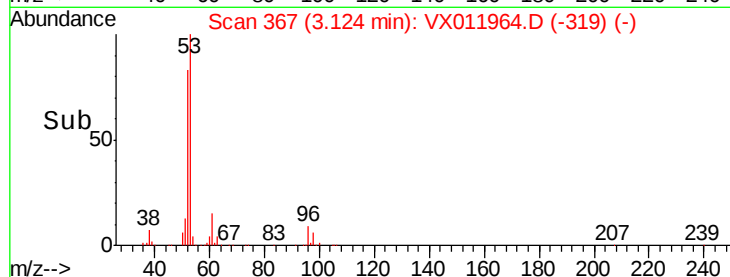
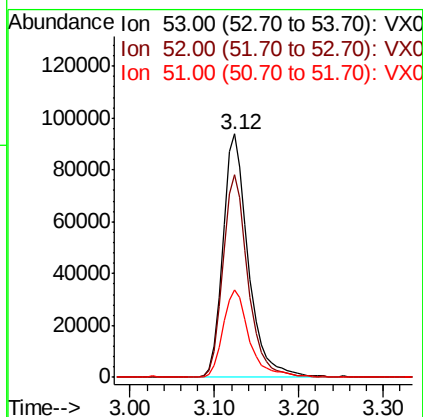
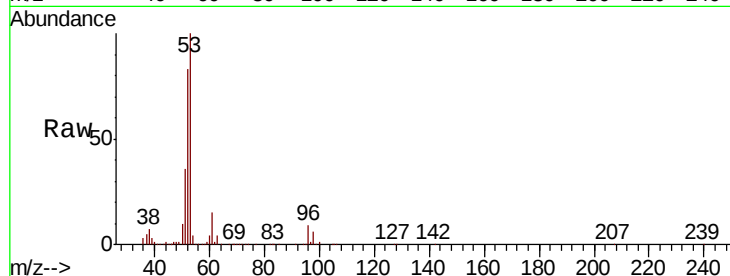




#15
 Acrylonitrile
 Concen: 281.274 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

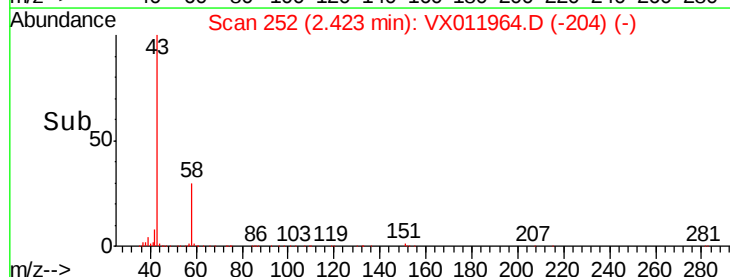
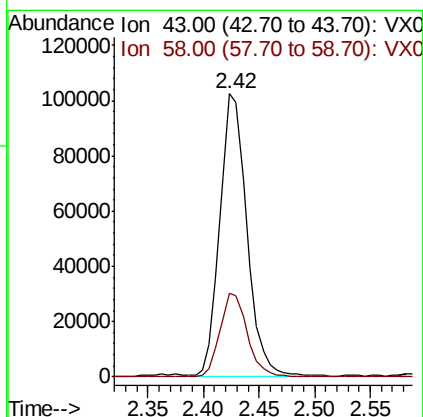
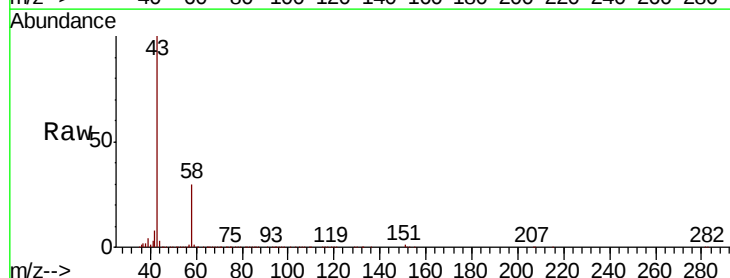
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

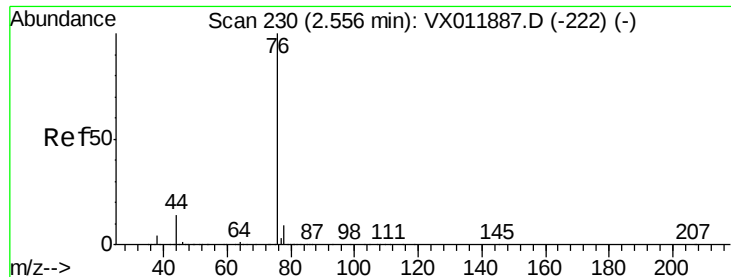
Tgt Ion: 53 Resp: 193180
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.3 97.9
 51 37.3 29.4 44.2



#16
 Acetone
 Concen: 264.986 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 43 Resp: 171284
 Ion Ratio Lower Upper
 43 100
 58 29.7 23.8 35.8

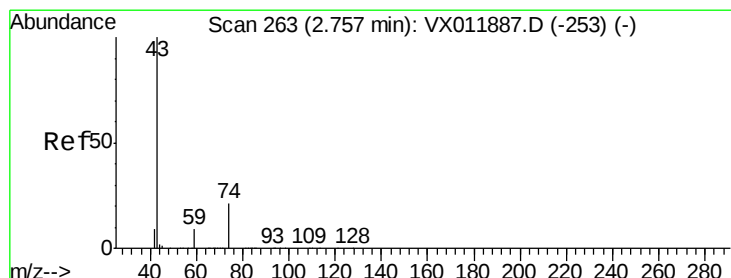
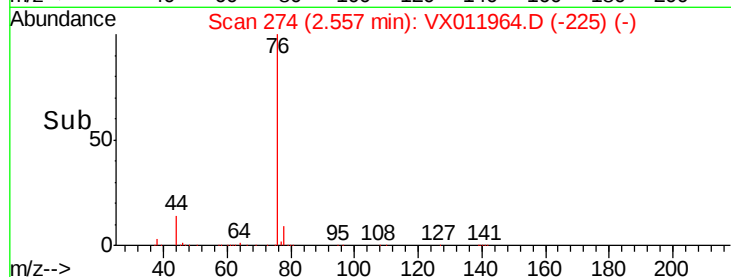
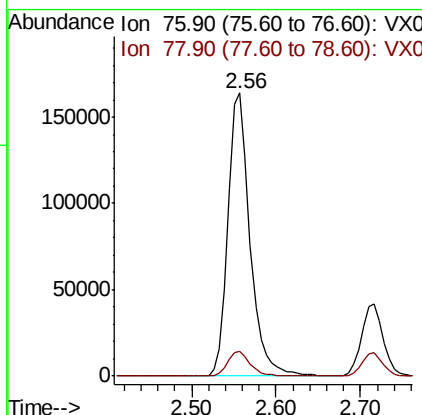
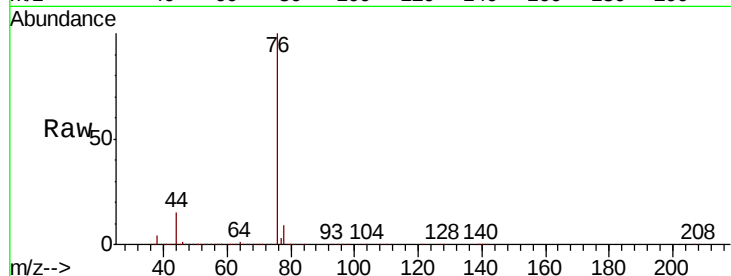




#17
Carbon Disulfide
Concen: 46.604 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

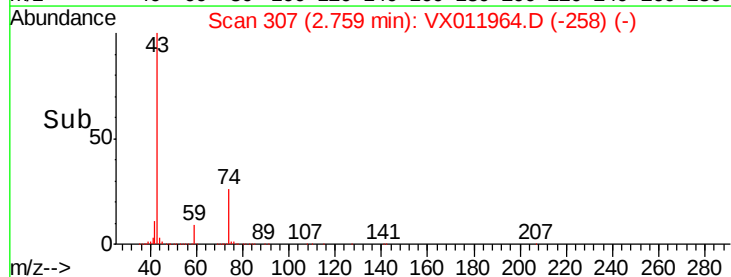
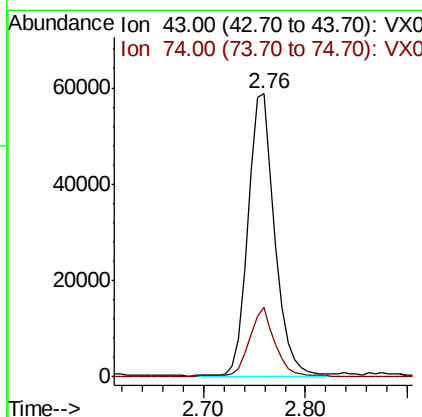
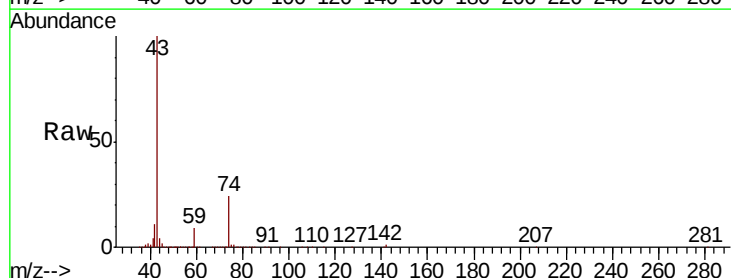
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

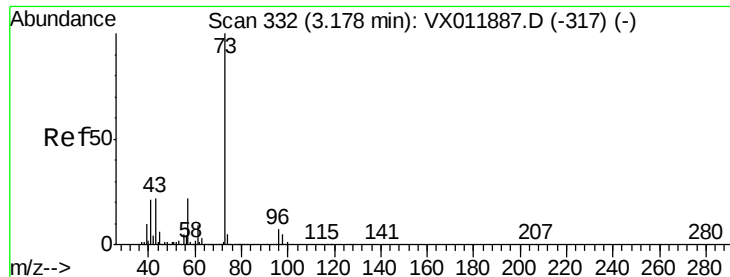
Tgt Ion: 76 Resp: 294393
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 59.910 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 43 Resp: 107197
Ion Ratio Lower Upper
43 100
74 23.8 18.4 27.6

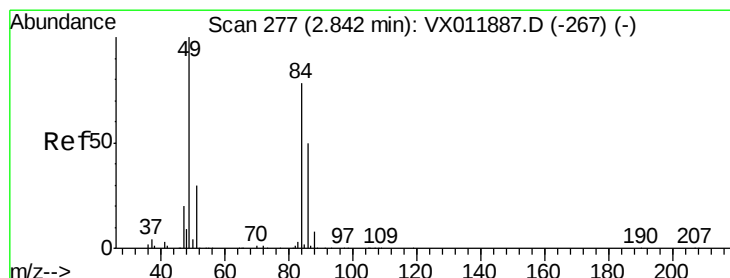
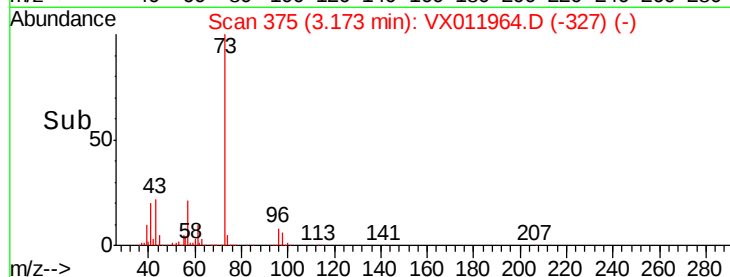
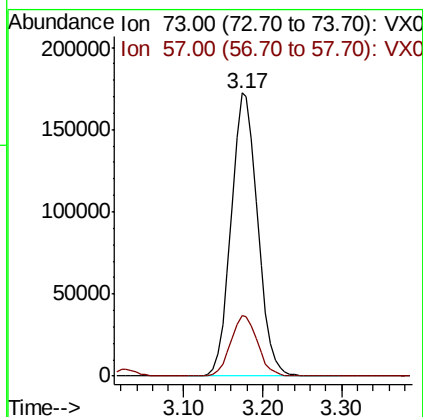
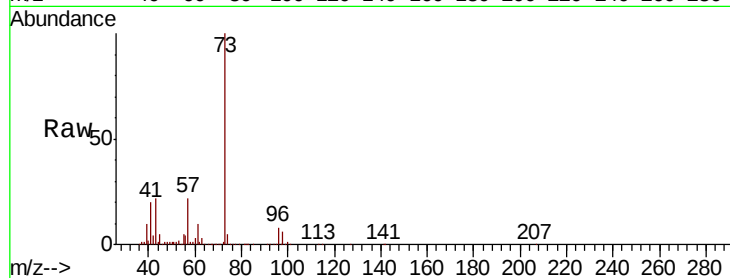




#19
Methyl tert-butyl Ether
Concen: 56.398 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

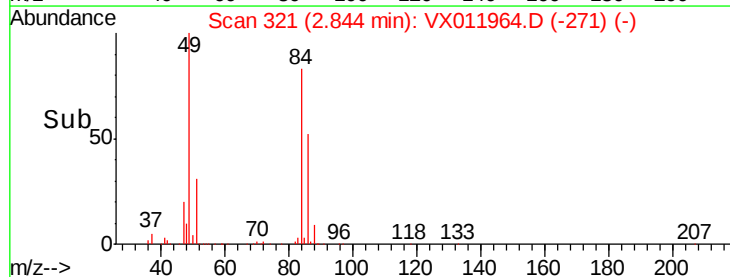
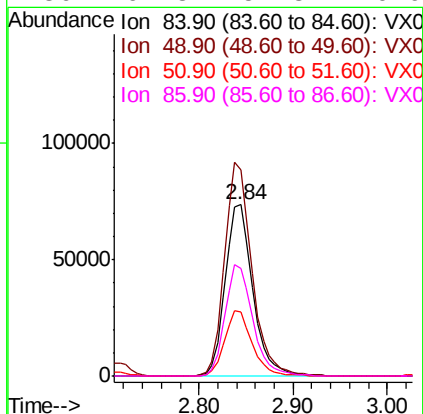
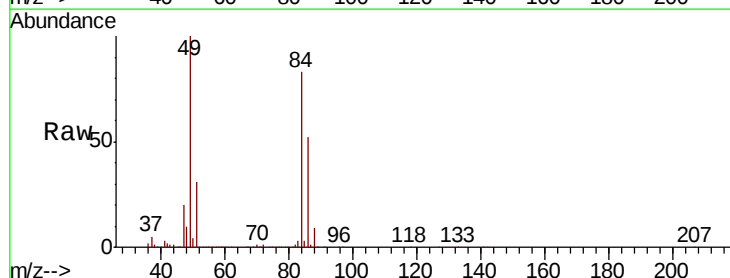
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

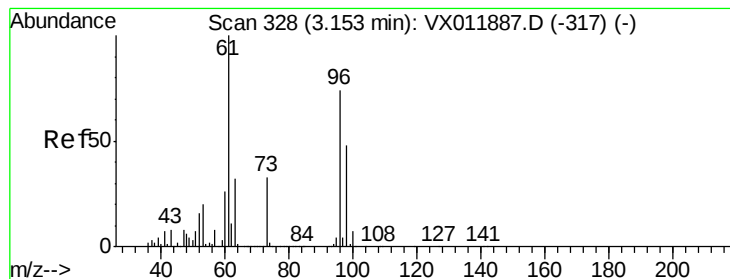
Tgt Ion: 73 Resp: 402379
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 54.985 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 84 Resp: 150303
Ion Ratio Lower Upper
84 100
49 120.4 103.0 154.4
51 37.0 30.8 46.2
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.349 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

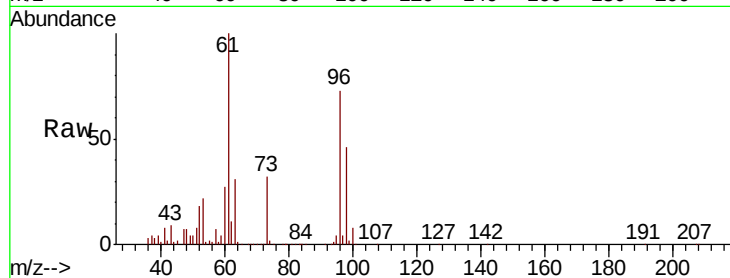
Tgt Ion: 96 Resp: 138399

Ion Ratio Lower Upper

96 100

61 136.2 107.4 161.2

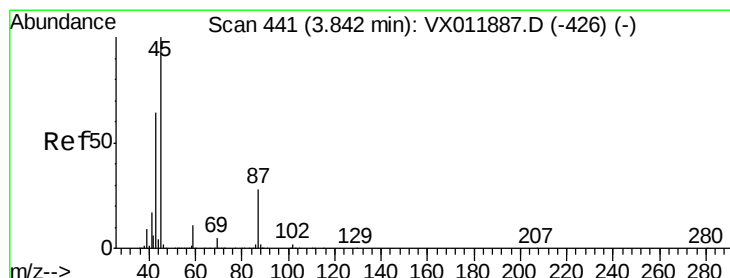
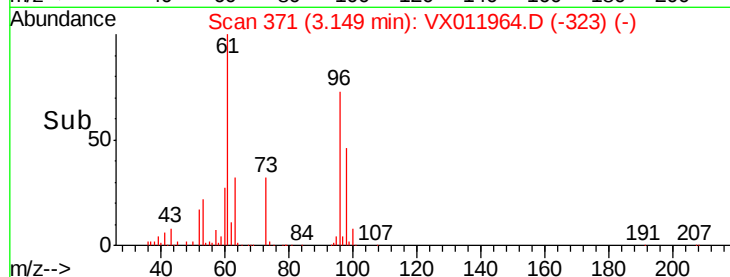
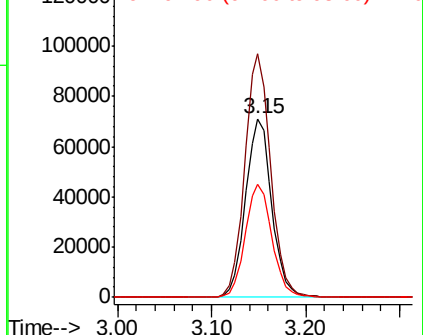
98 63.0 51.4 77.2



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: 55.285 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Tgt Ion: 45 Resp: 466260

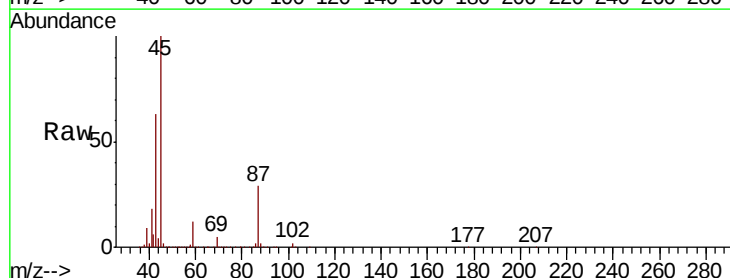
Ion Ratio Lower Upper

45 100

43 63.0 51.0 76.6

87 28.8 22.0 33.0

59 11.8 9.1 13.7

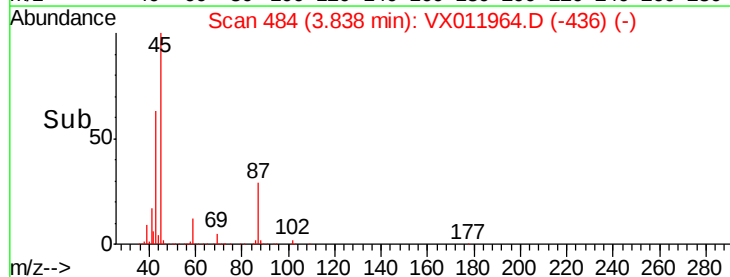
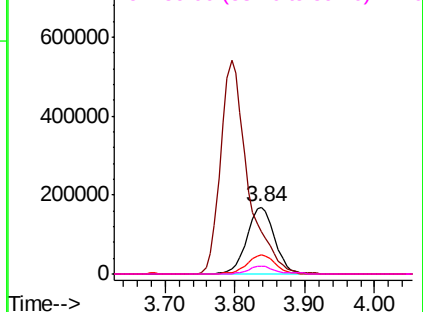


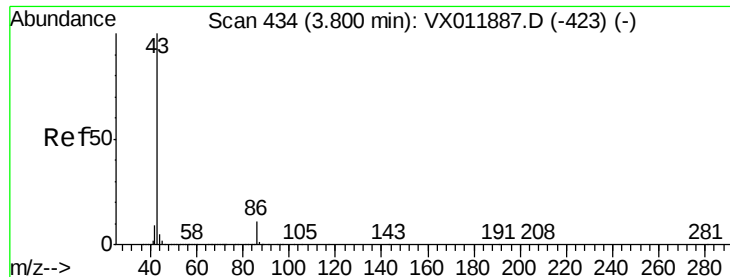
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

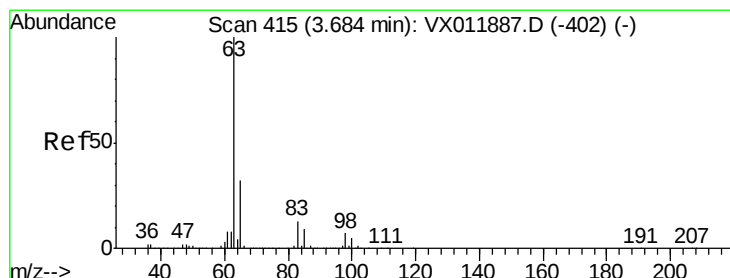
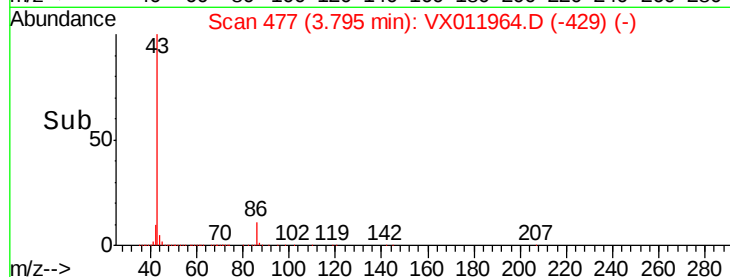
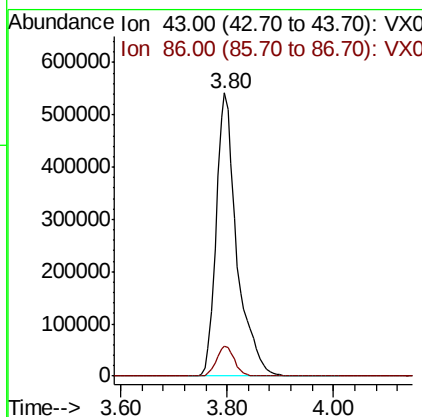
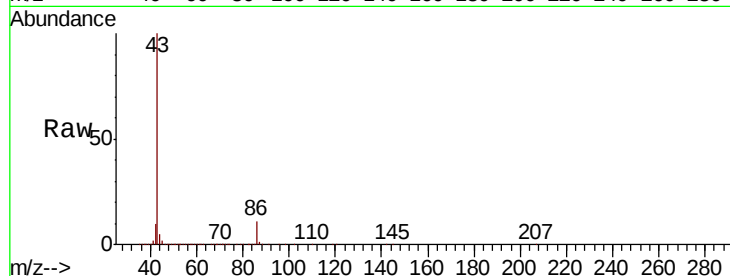




#23
 Vinyl Acetate
 Concen: 269.655 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

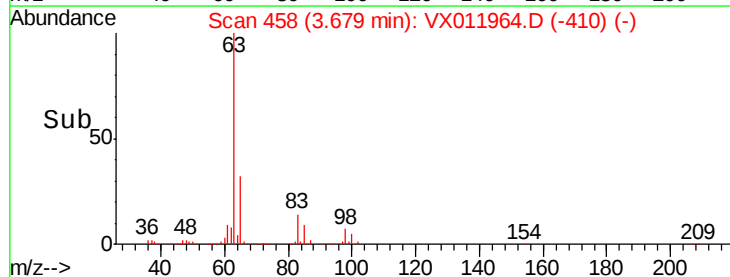
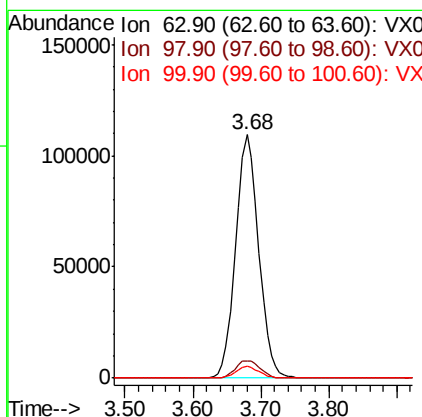
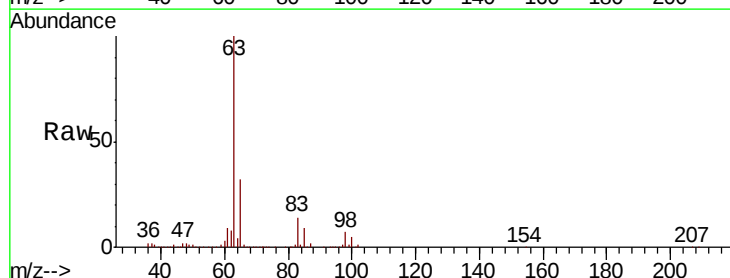
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

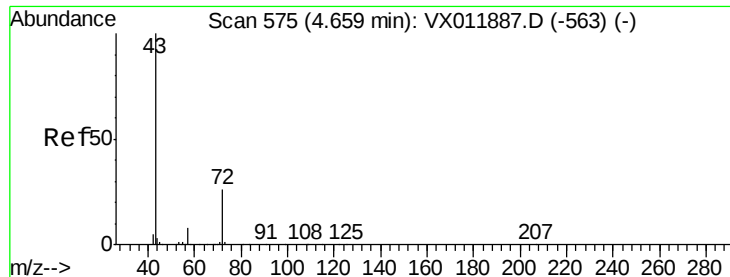
Tgt Ion: 43 Resp: 1462147
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.216 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 63 Resp: 256795
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 279.397 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

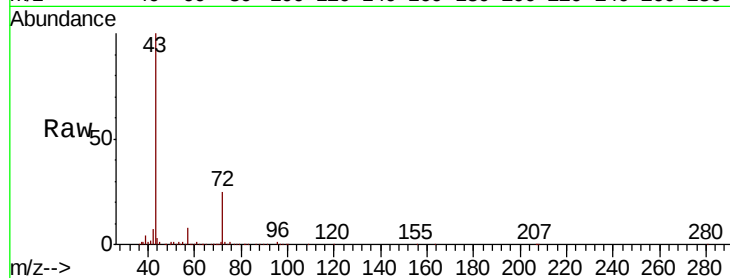
VSTDCCC050

Tgt Ion: 43 Resp: 263036

Ion Ratio Lower Upper

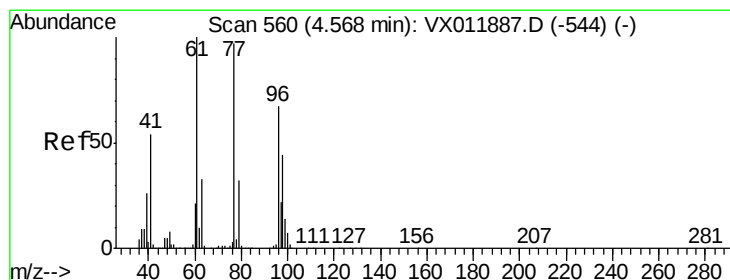
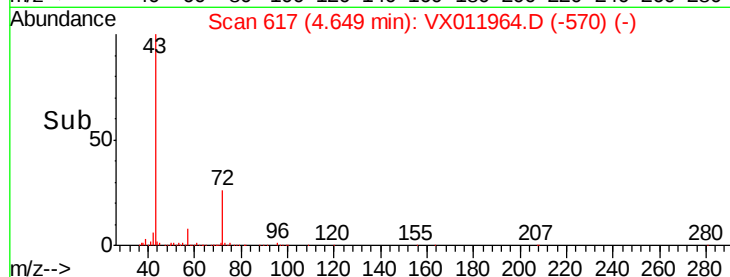
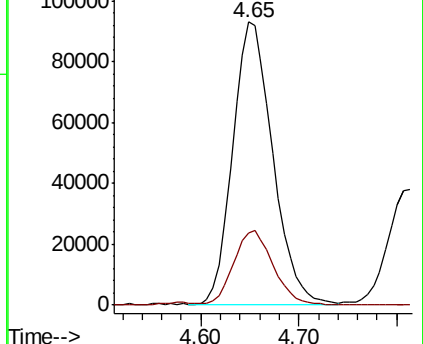
43 100

72 25.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.125 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011964.D

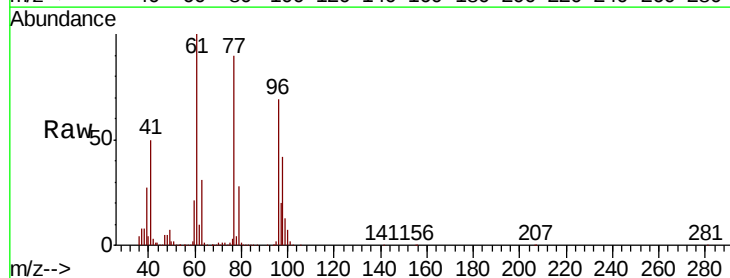
Acq: 31 Aug 2019 22:07

Tgt Ion: 77 Resp: 195524

Ion Ratio Lower Upper

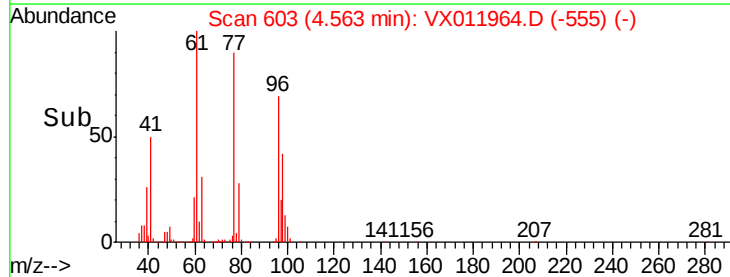
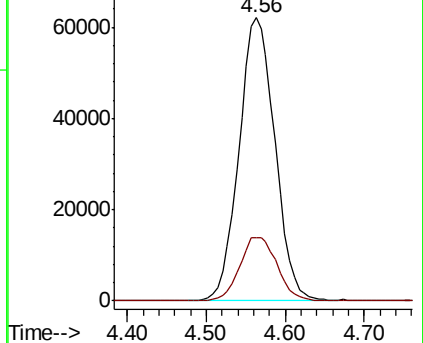
77 100

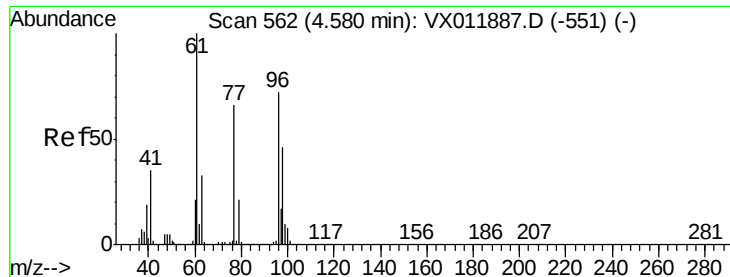
97 23.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



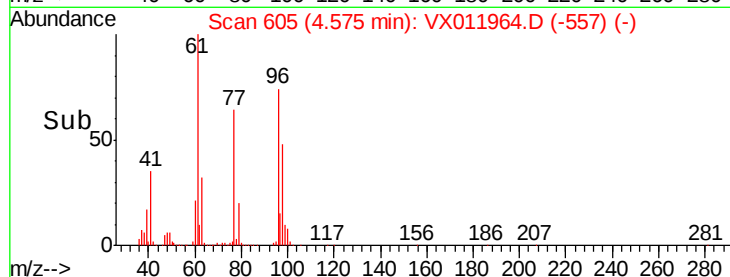
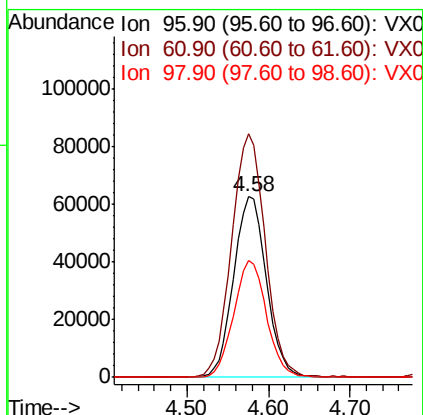
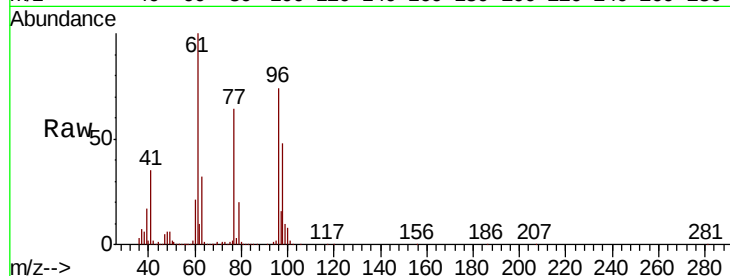


#27

cis-1,2-Dichloroethene
Concen: 57.248 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

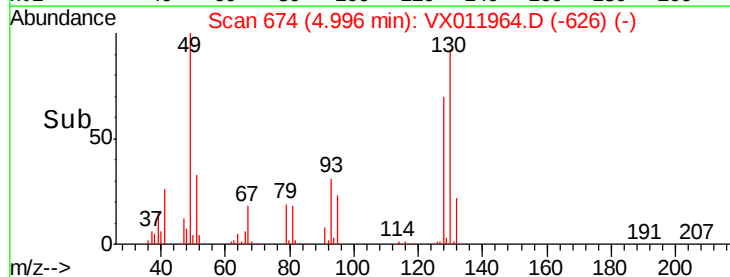
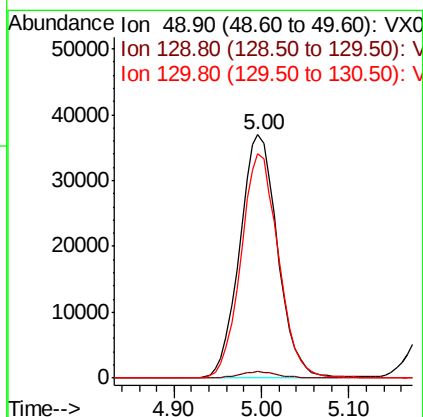
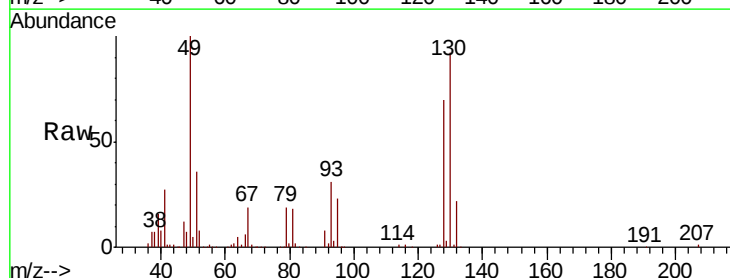
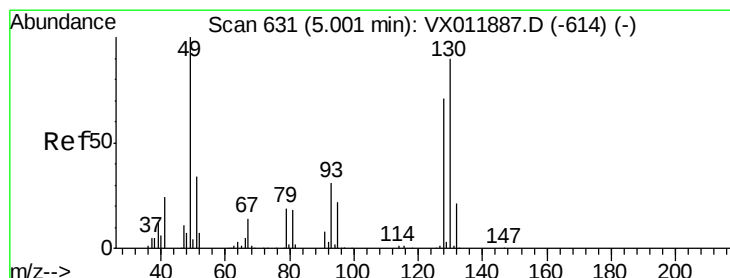
Tgt Ion: 96 Resp: 174934
Ion Ratio Lower Upper
96 100
61 138.2 0.0 283.8
98 64.6 0.0 131.2

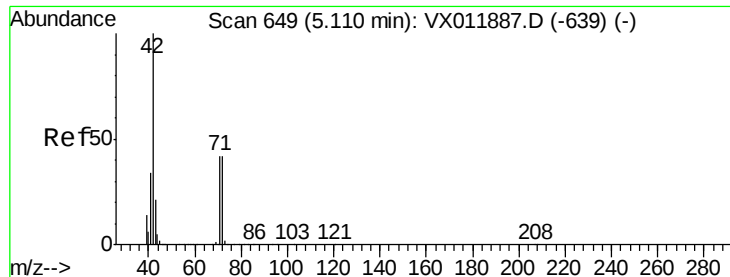


#28

Bromochloromethane
Concen: 53.036 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 49 Resp: 110681
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 91.9 70.6 105.8





#29

Tetrahydrofuran

Concen: 277.920 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

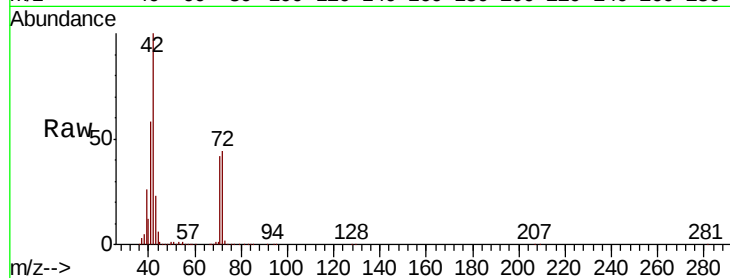
Tgt Ion: 42 Resp: 163310

Ion Ratio Lower Upper

42 100

72 45.9 36.2 54.4

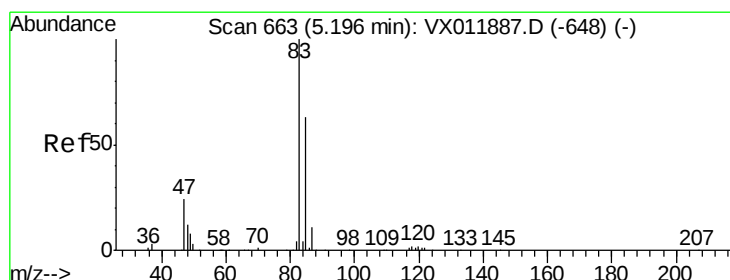
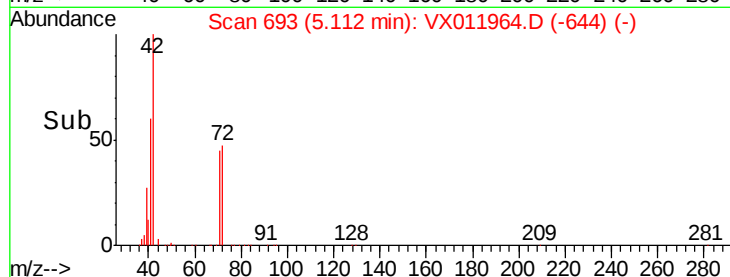
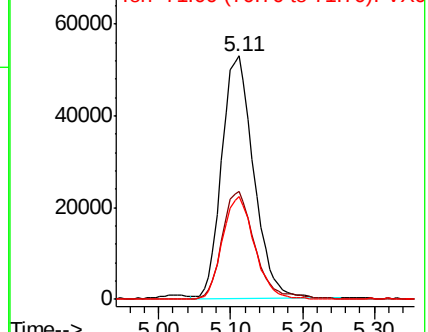
71 42.3 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 57.028 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX011964.D

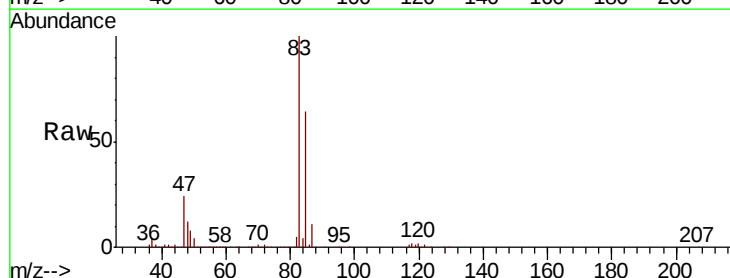
Acq: 31 Aug 2019 22:07

Tgt Ion: 83 Resp: 283587

Ion Ratio Lower Upper

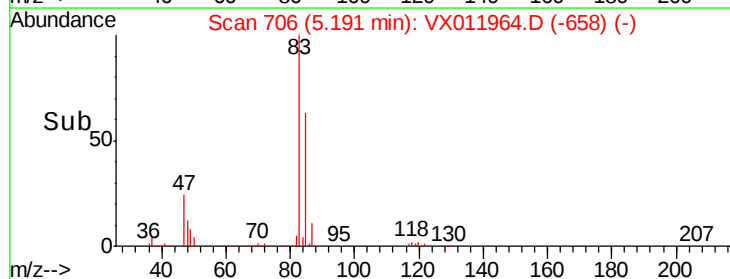
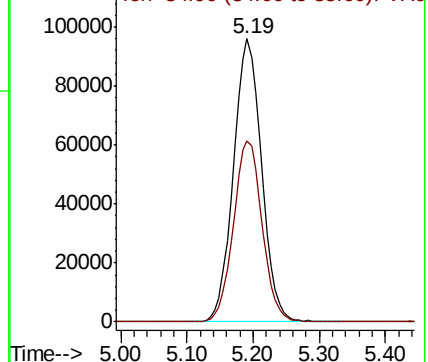
83 100

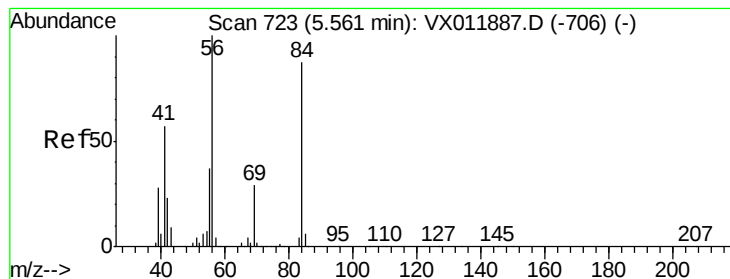
85 63.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.399 ug/l

RT: 5.56 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

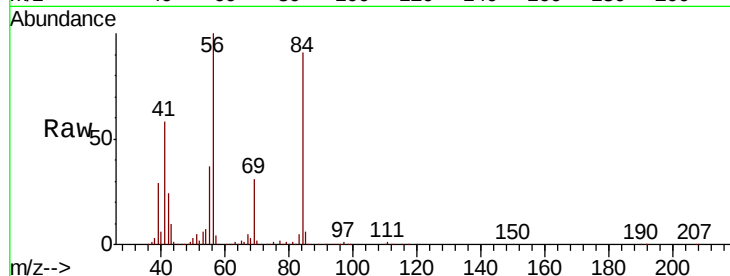
Tgt Ion: 56 Resp: 170303

Ion Ratio Lower Upper

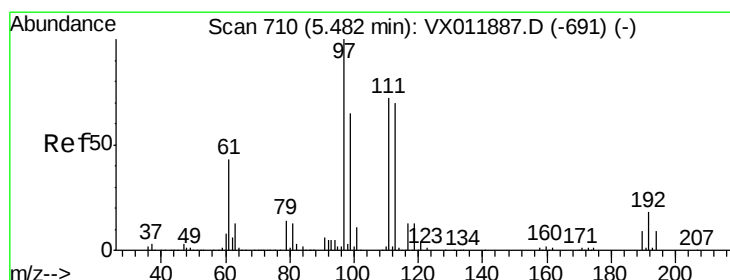
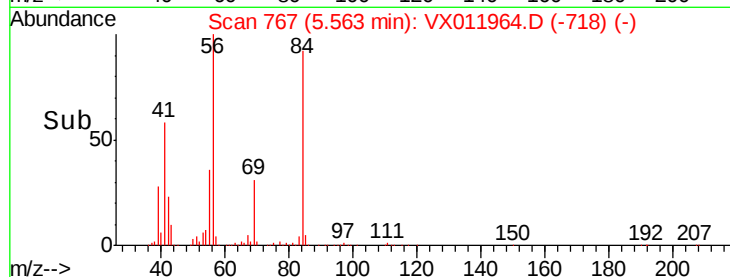
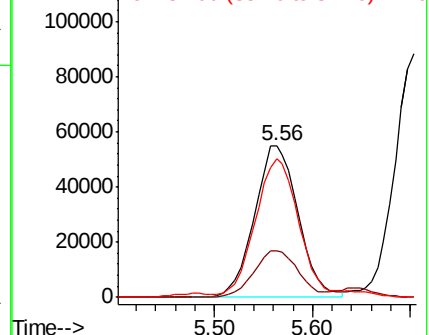
56 100

69 31.0 23.1 34.7

84 88.8 69.6 104.4



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: 54.879 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

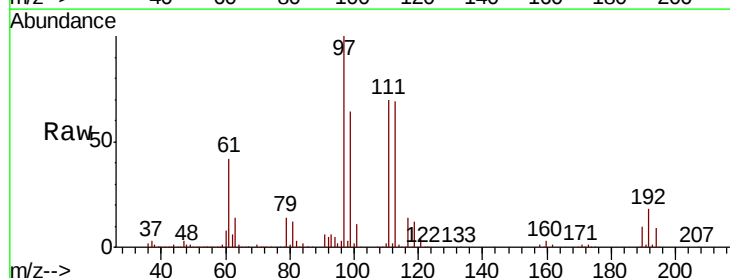
Tgt Ion: 97 Resp: 242414

Ion Ratio Lower Upper

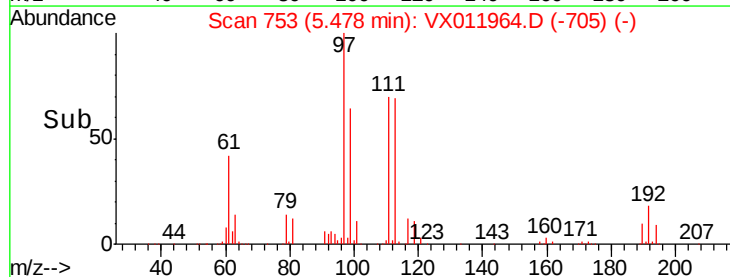
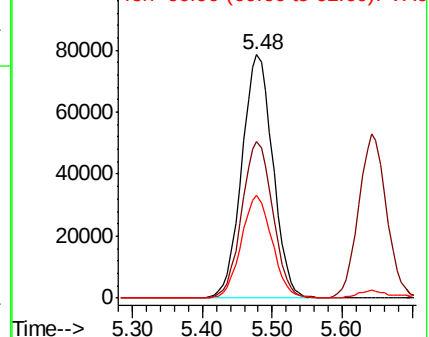
97 100

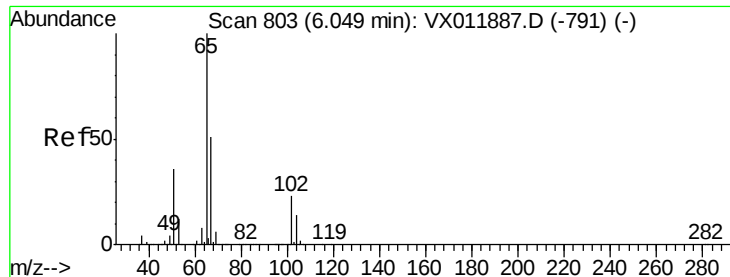
99 64.3 51.8 77.8

61 41.7 33.8 50.6



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

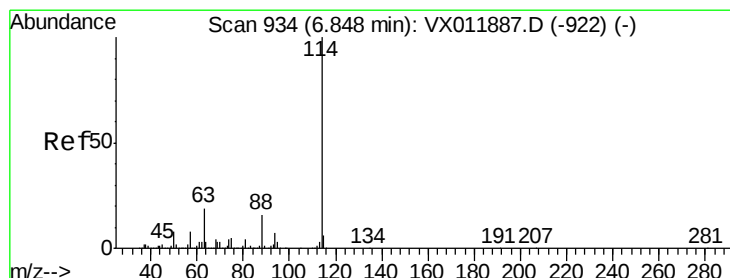
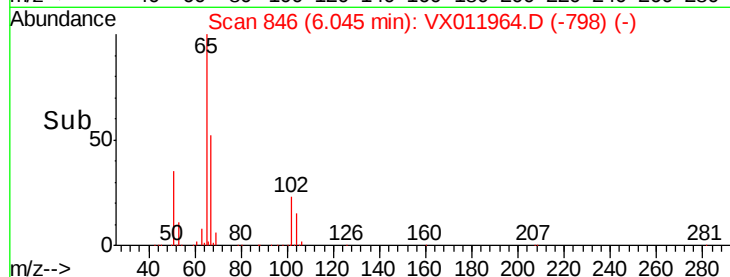
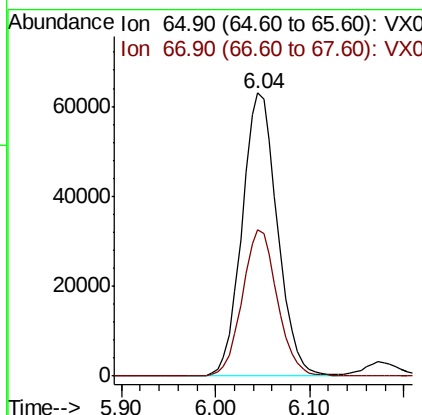
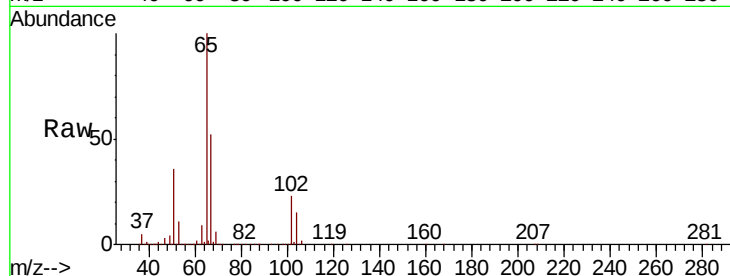




#33
 1,2-Dichloroethane-d4
 Concen: 55.092 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

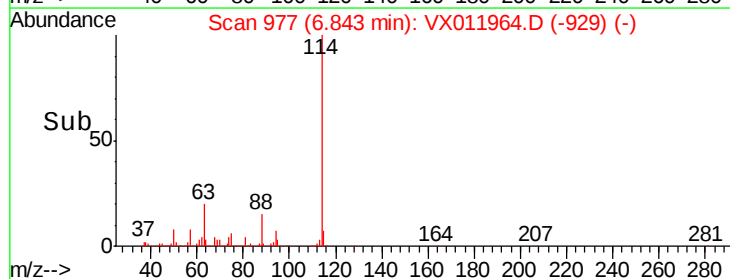
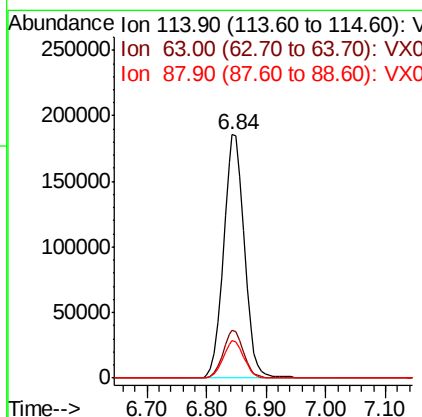
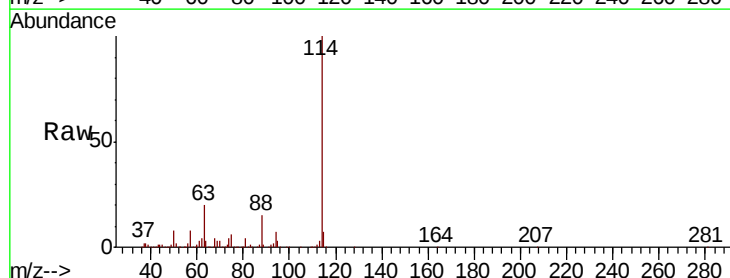
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

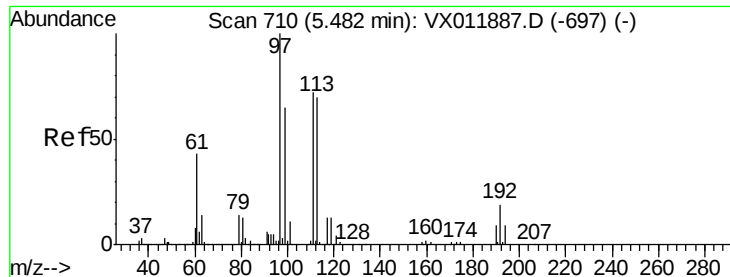
Tgt Ion: 65 Resp: 165509
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 114 Resp: 450817
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.744 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

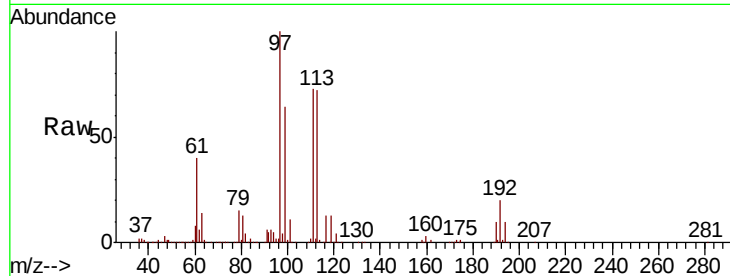
Tgt Ion:113 Resp: 158255

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

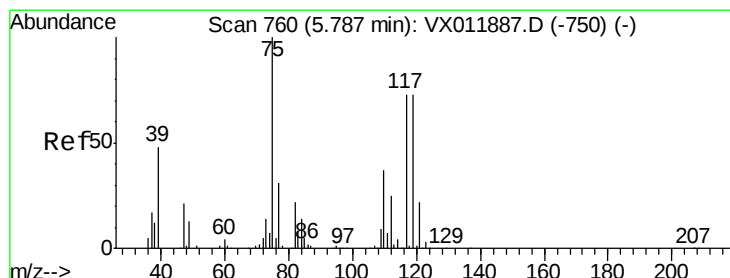
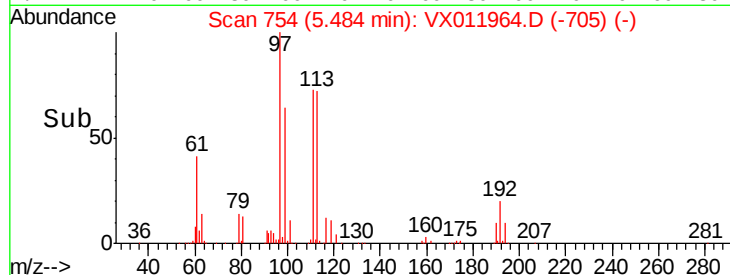
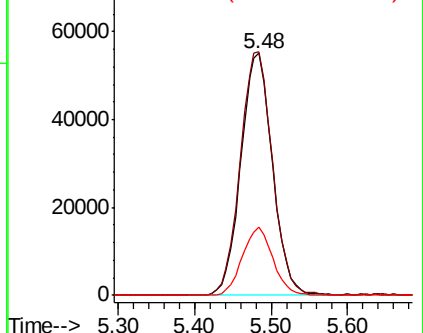
192 27.4 21.5 32.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.621 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

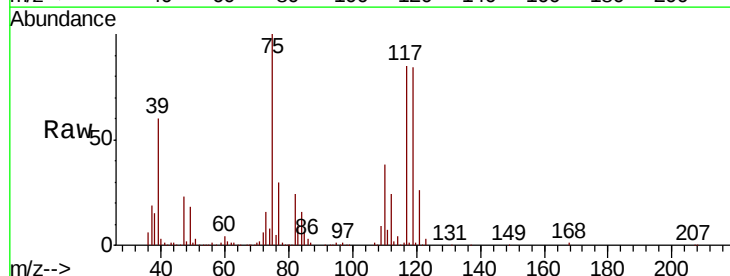
Tgt Ion: 75 Resp: 177226

Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.3

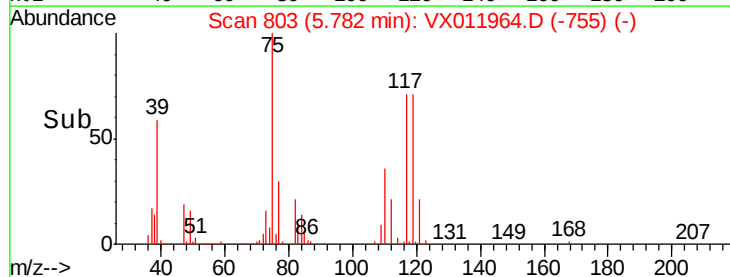
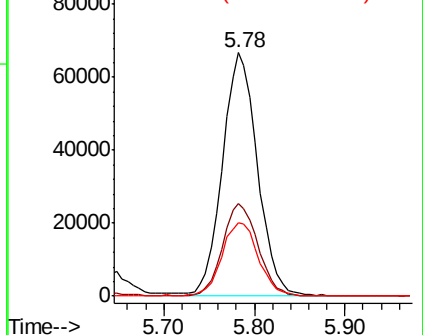
77 31.3 24.4 36.6

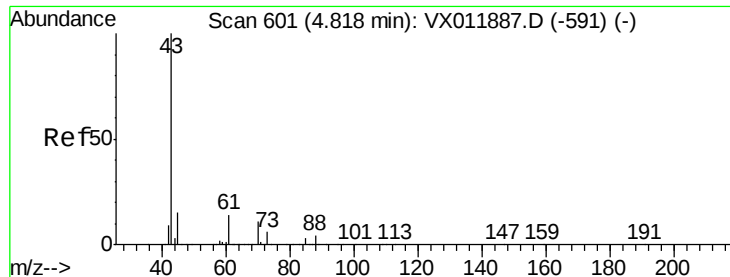


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

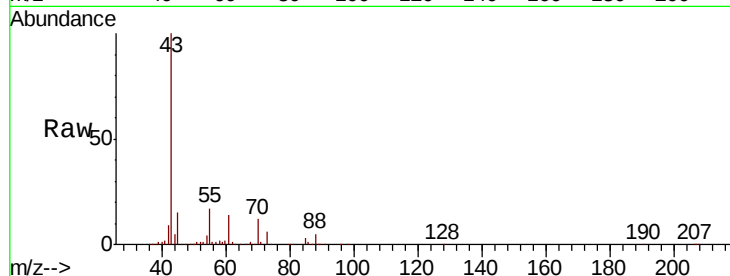




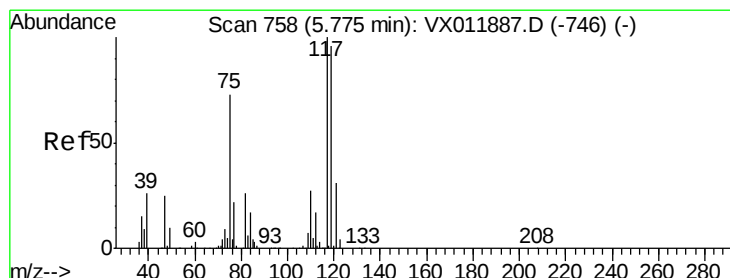
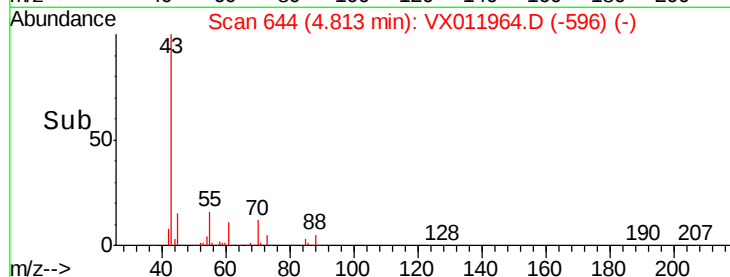
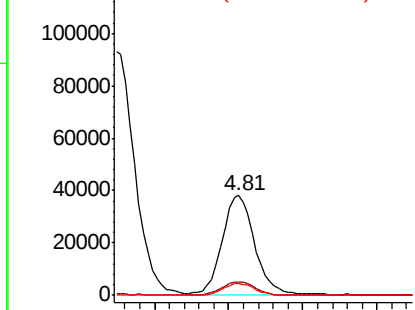
#37
Ethyl Acetate
Concen: 54.496 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 115212
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.4
70 11.5 9.2 13.8

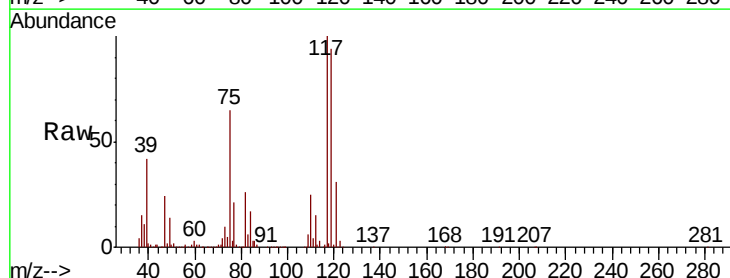


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

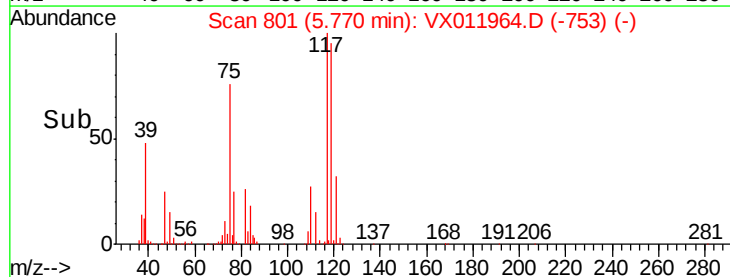
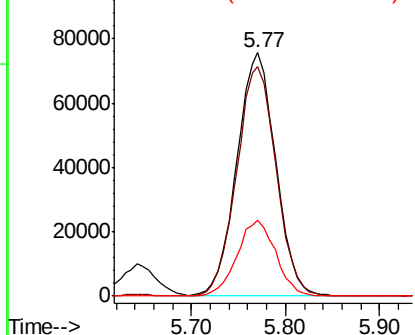


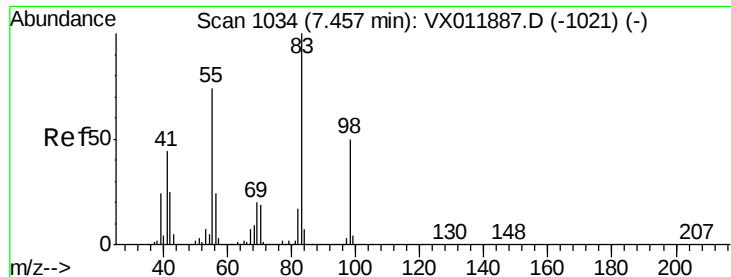
#38
Carbon Tetrachloride
Concen: 52.056 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 117 Resp: 215626
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8
121 31.0 24.7 37.1



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

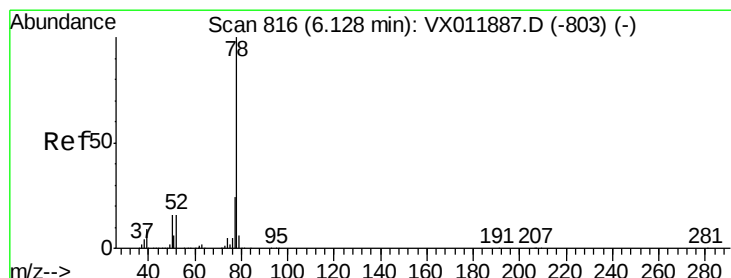
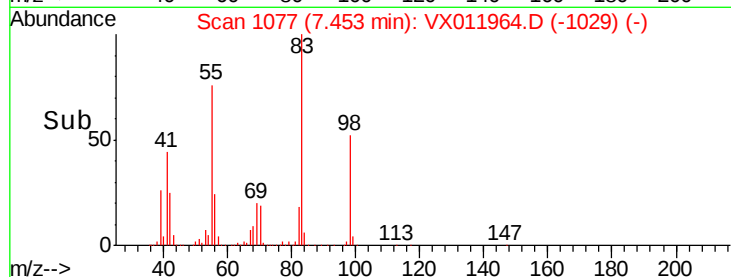
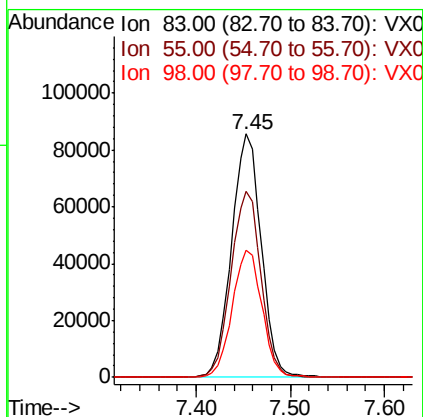
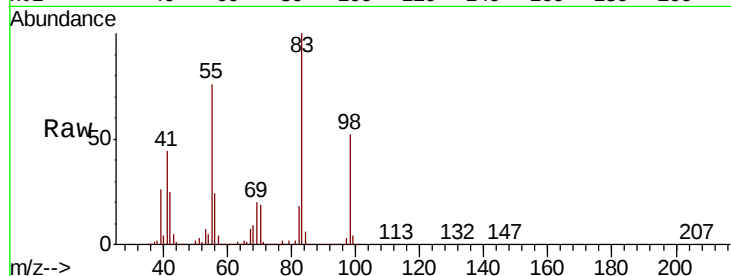




#39
Methylcyclohexane
Concen: 44.154 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

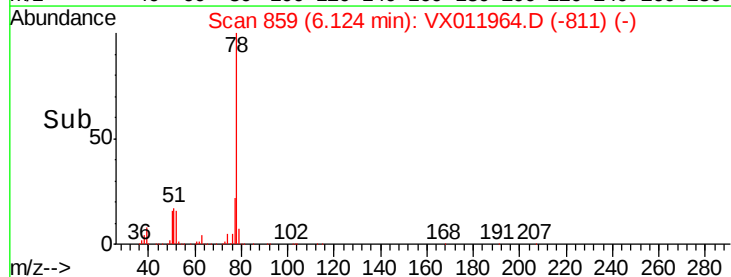
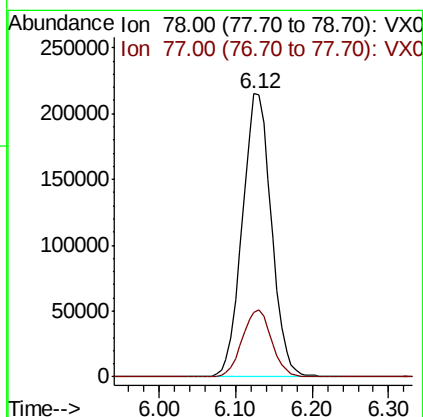
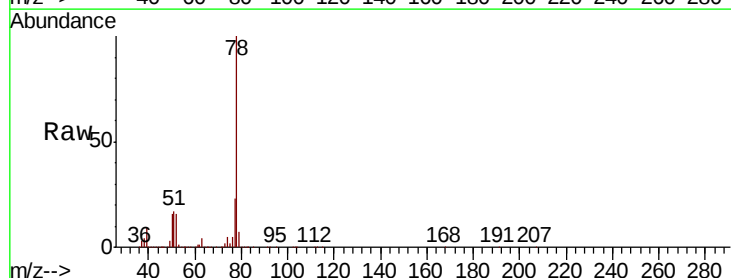
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

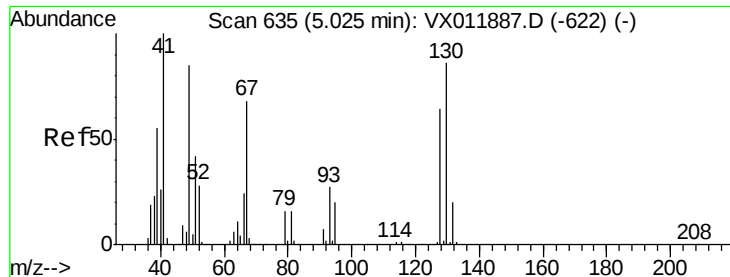
Tgt Ion: 83 Resp: 187837
Ion Ratio Lower Upper
83 100
55 76.1 59.4 89.0
98 52.1 40.3 60.5



#40
Benzene
Concen: 53.352 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 78 Resp: 568782
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6

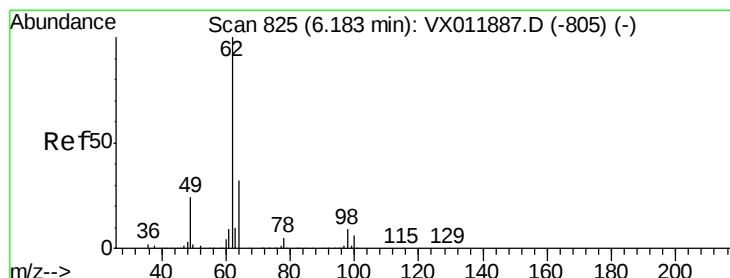
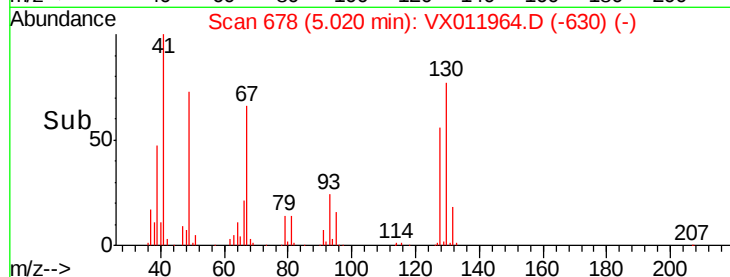
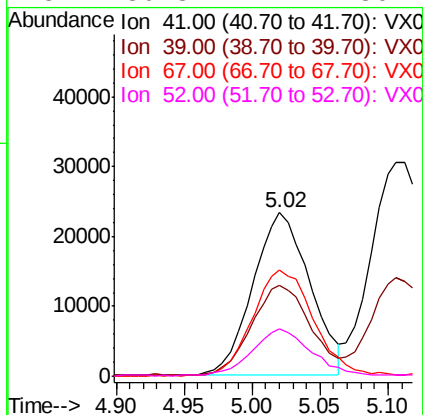
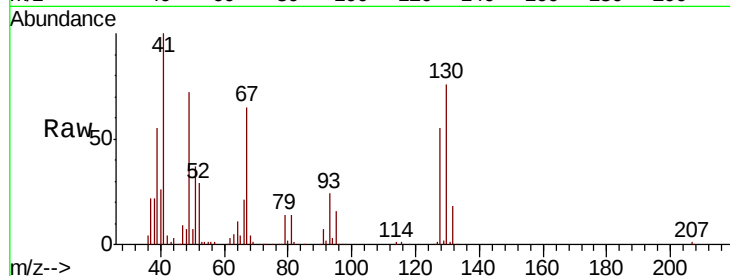




#41
Methacrylonitrile
Concen: 54.645 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

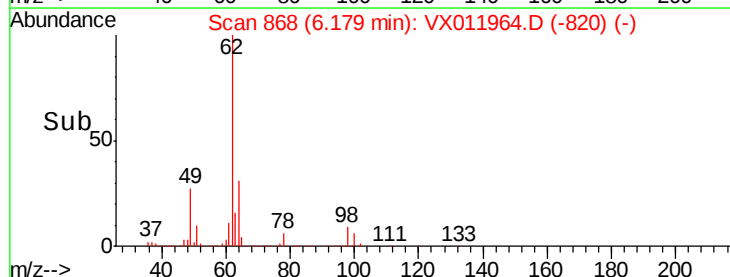
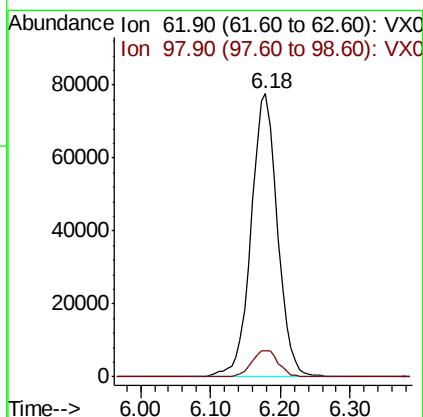
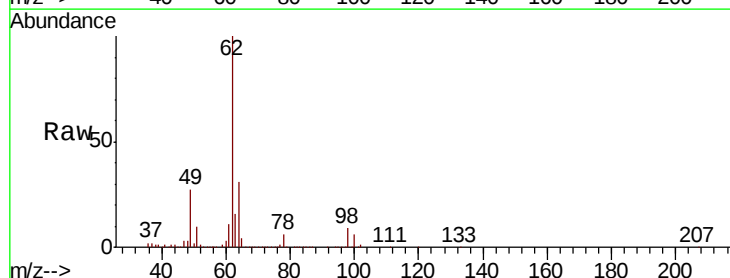
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

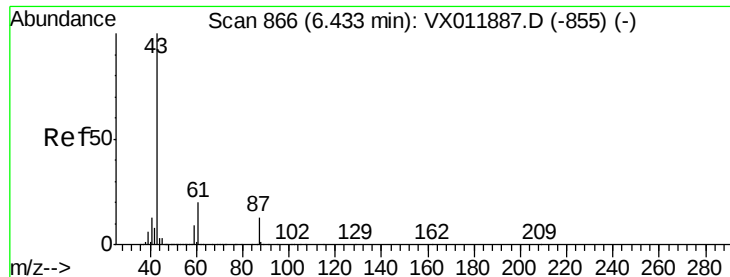
Tgt Ion:	41	Resp:	68022
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.0	67.6
67	69.4	55.0	82.4
52	30.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 55.860 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion:	62	Resp:	202520
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 54.184 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

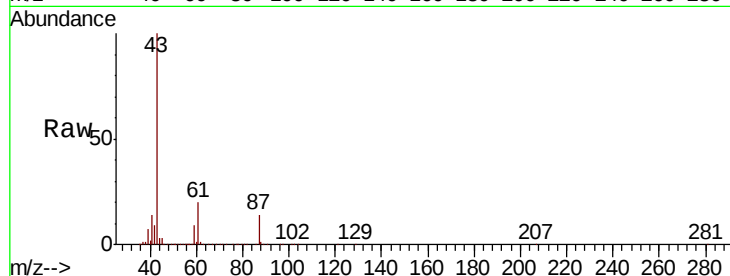
Tgt Ion: 43 Resp: 232251

Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

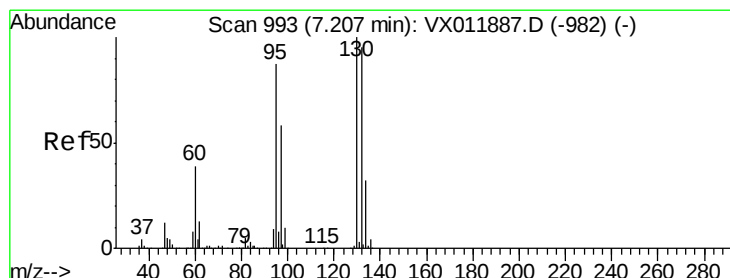
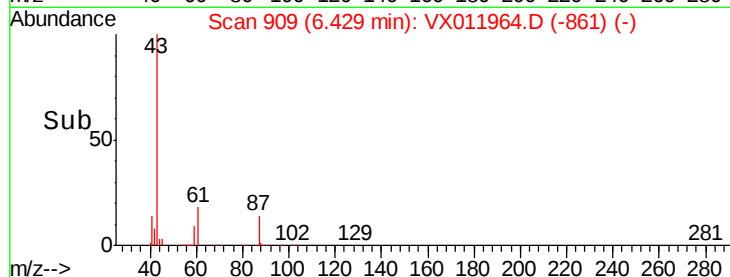
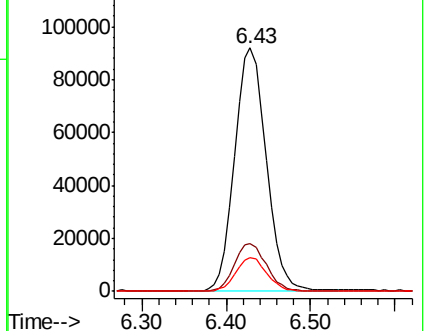
87 13.7 10.6 16.0



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: 53.506 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX011964.D

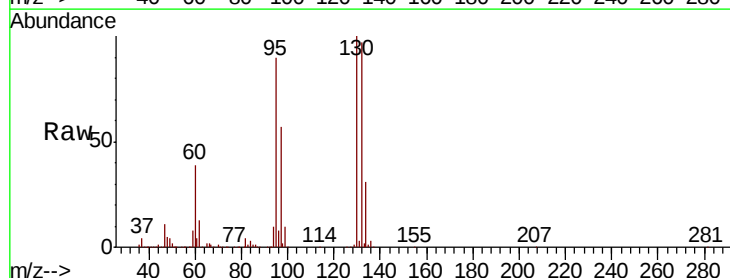
Acq: 31 Aug 2019 22:07

Tgt Ion: 130 Resp: 176491

Ion Ratio Lower Upper

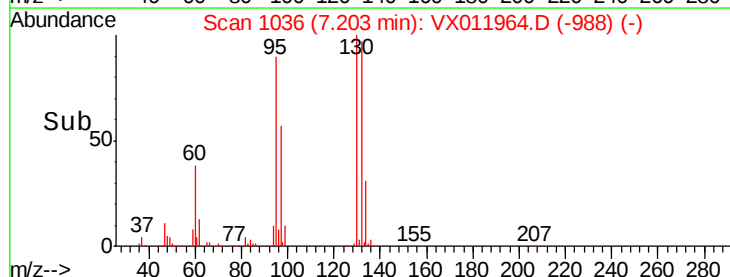
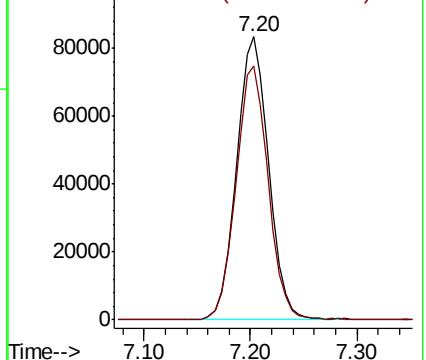
130 100

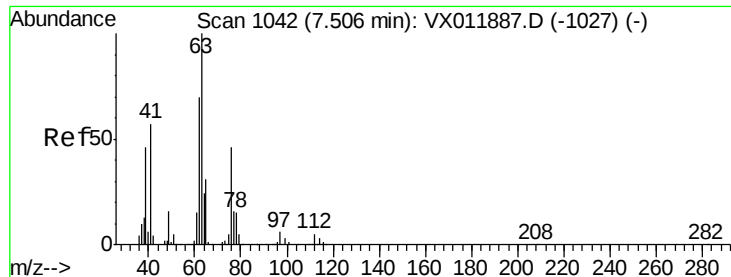
95 89.6 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

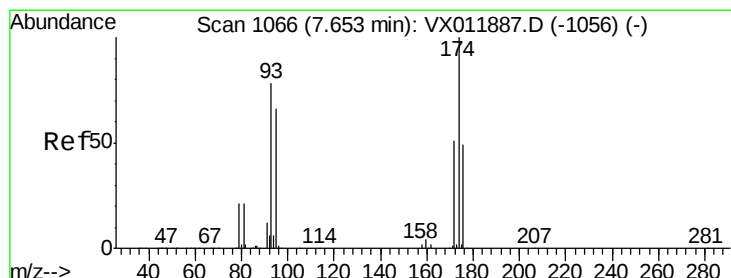
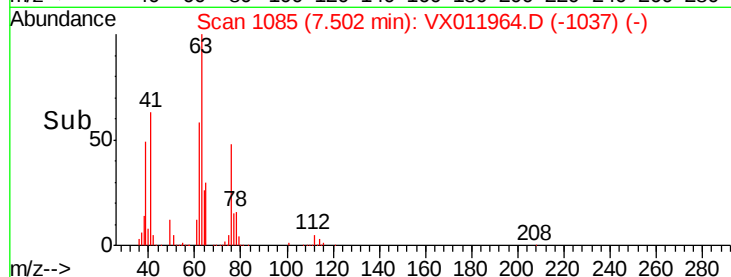
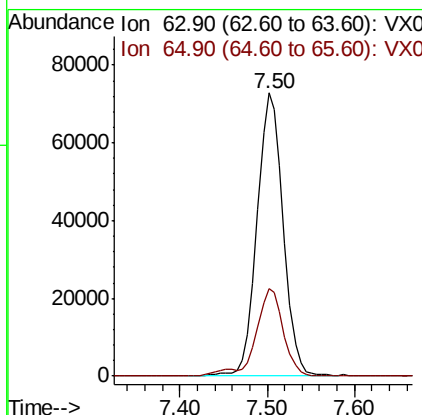
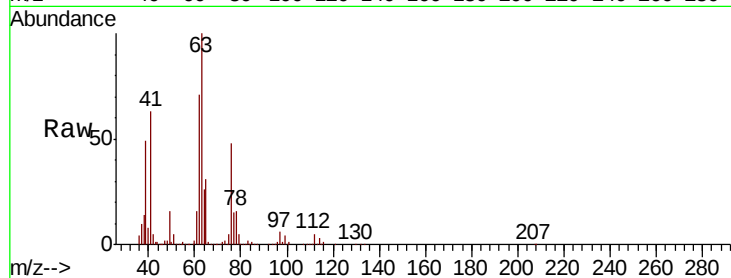




#45
 1,2-Dichloropropane
 Concen: 54.221 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

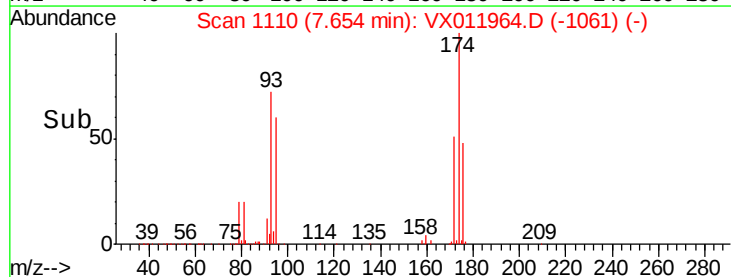
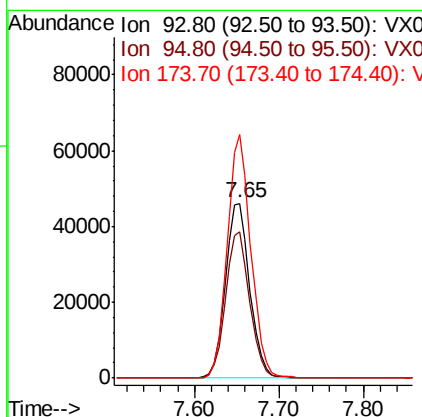
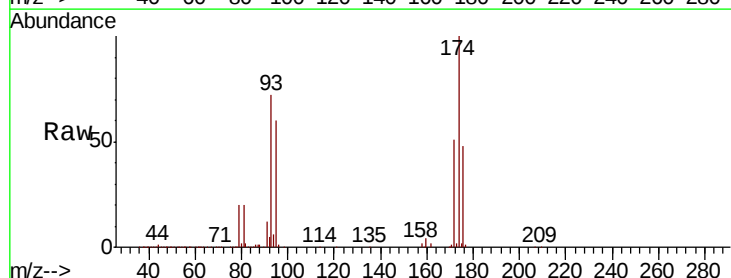
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

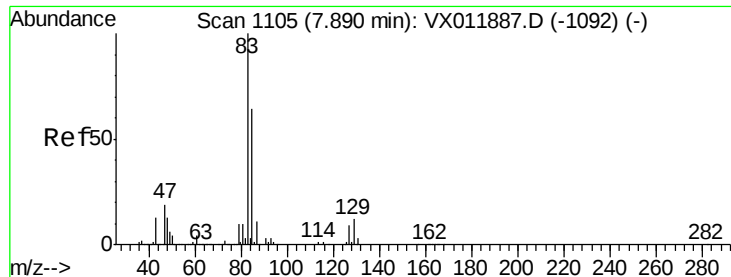
Tgt Ion: 63 Resp: 151204
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 55.217 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 93 Resp: 91384
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 133.9 104.2 156.4





#47

Bromodichloromethane

Concen: 55.878 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

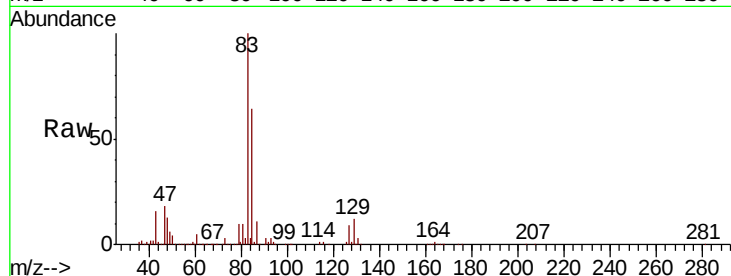
Tgt Ion: 83 Resp: 229317

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

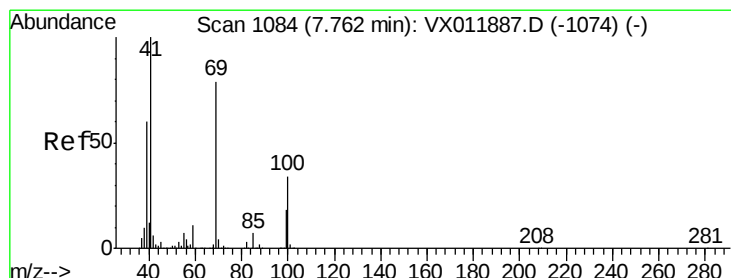
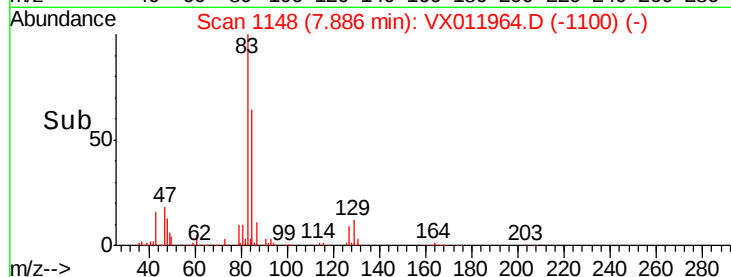
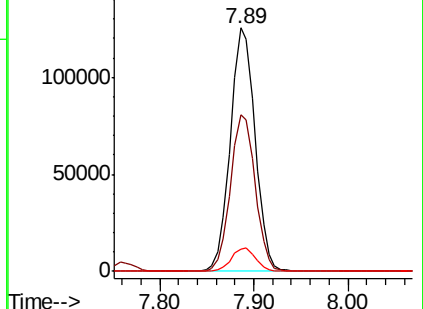
127 9.1 7.4 11.2



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: 54.990 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

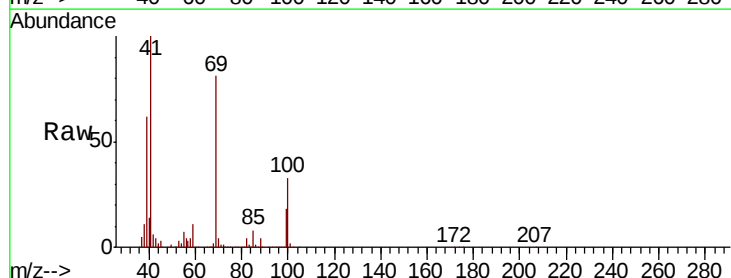
Tgt Ion: 41 Resp: 114685

Ion Ratio Lower Upper

41 100

69 81.6 64.4 96.6

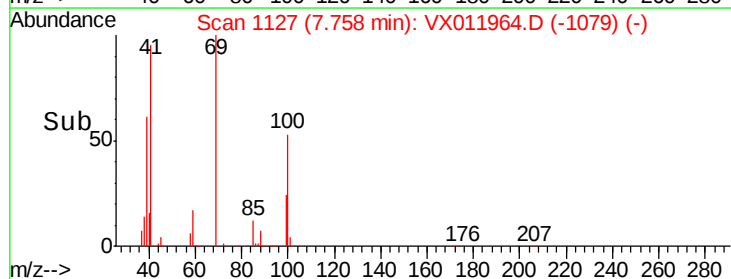
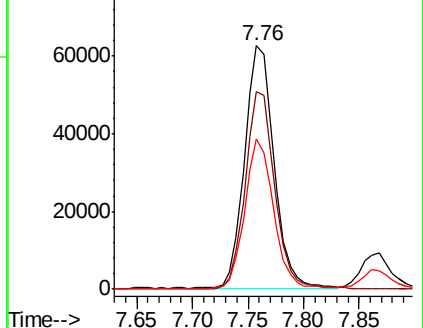
39 60.2 47.2 70.8

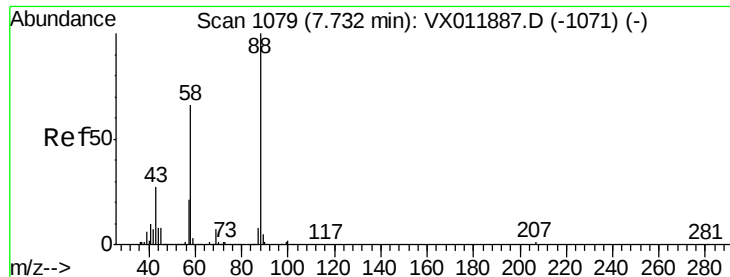


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

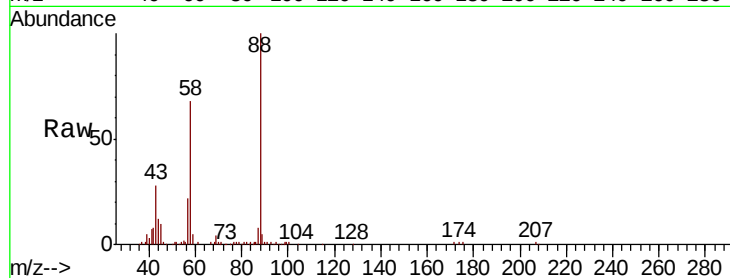




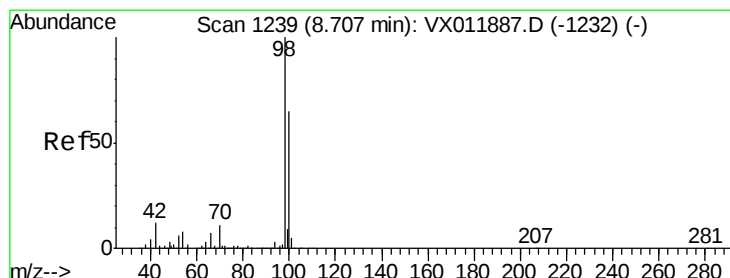
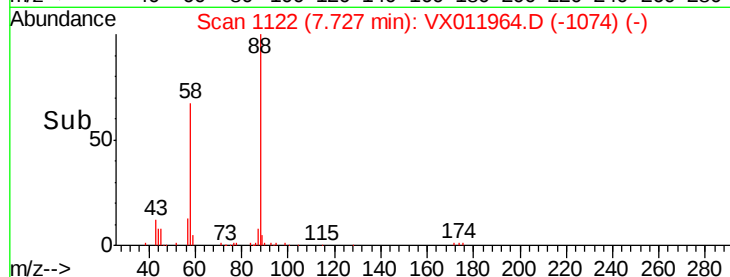
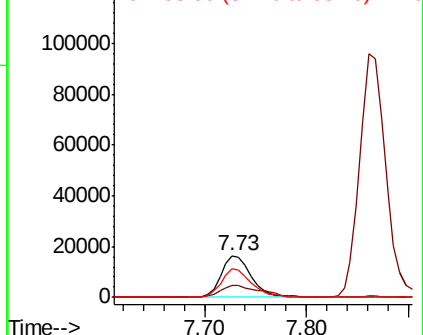
#49
1,4-Dioxane
Concen: 1157.077 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 33184
Ion Ratio Lower Upper
88 100
43 36.3 27.3 40.9
58 69.0 53.9 80.9

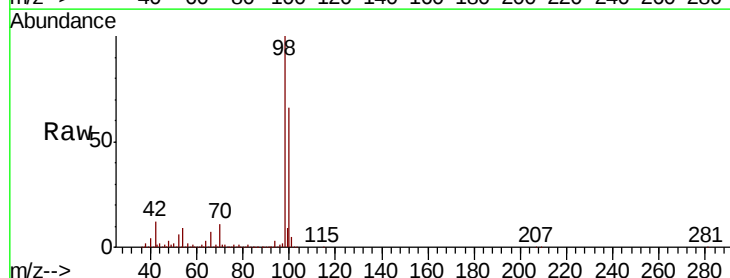


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

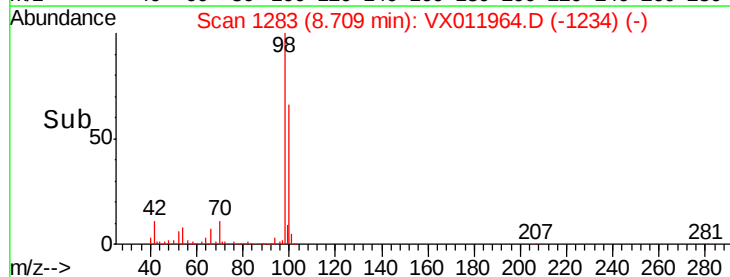
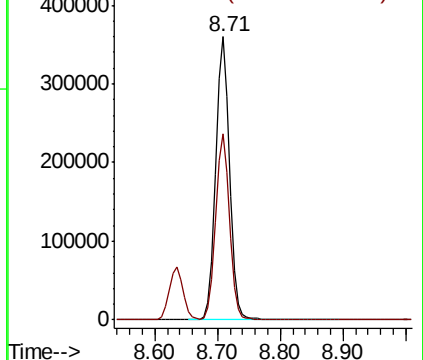


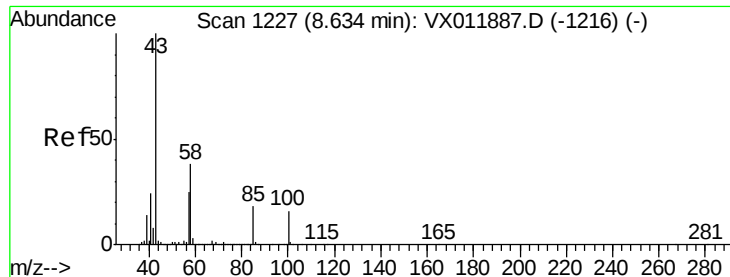
#50
Toluene-d8
Concen: 53.135 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 98 Resp: 549090
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



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

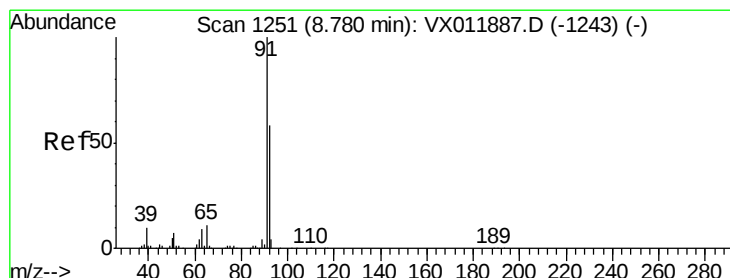
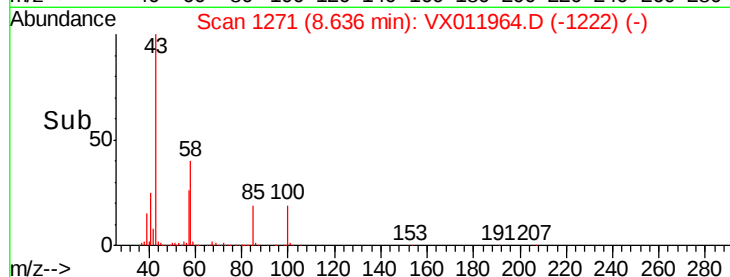
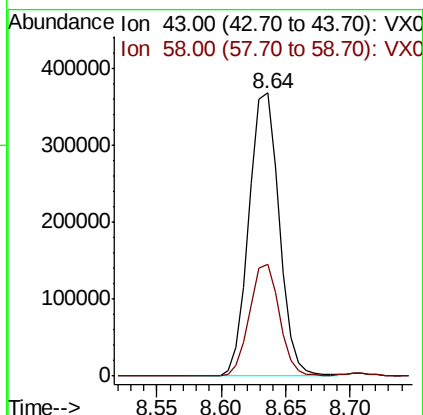
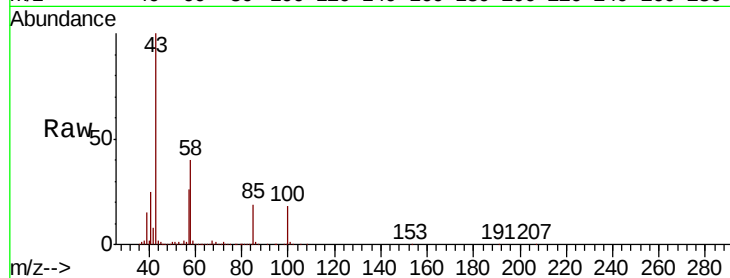




#51
 4-Methyl-2-Pentanone
 Concen: 273.367 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

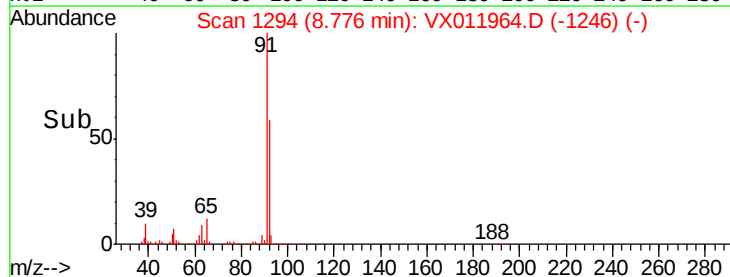
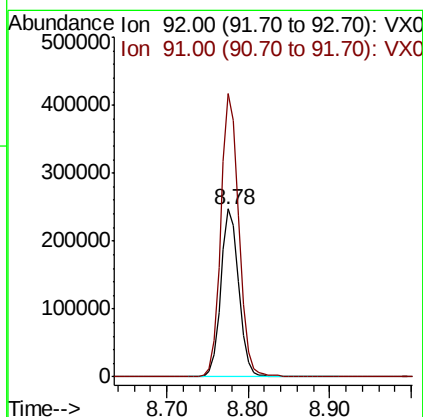
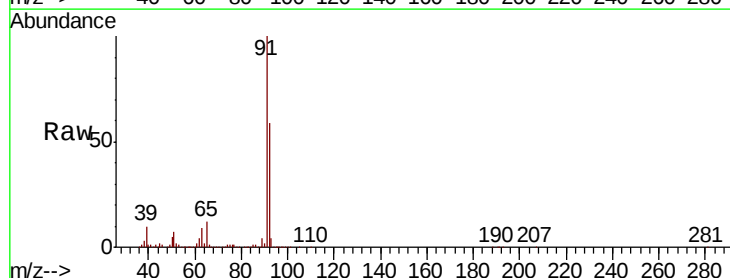
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

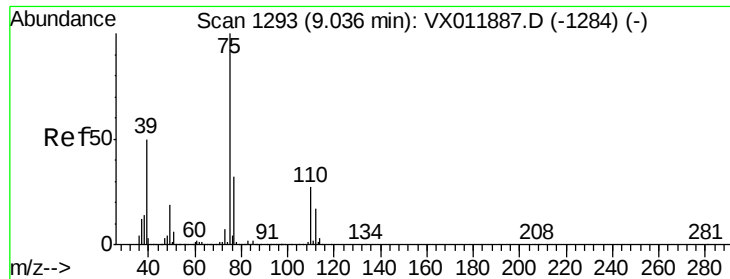
Tgt Ion: 43 Resp: 595254
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.9 46.3



#52
 Toluene
 Concen: 53.826 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 92 Resp: 379636
 Ion Ratio Lower Upper
 92 100
 91 169.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 54.255 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

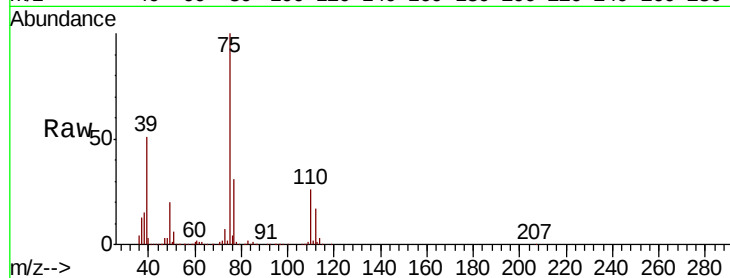
VSTDCCC050

Tgt Ion: 75 Resp: 228074

Ion Ratio Lower Upper

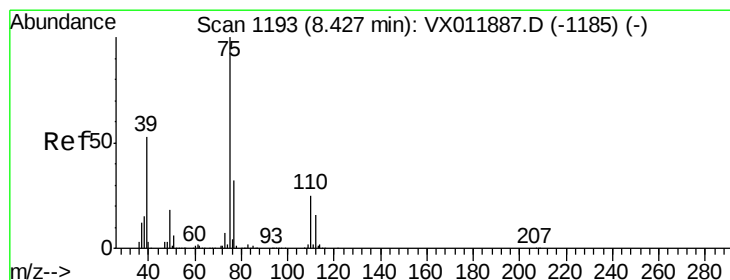
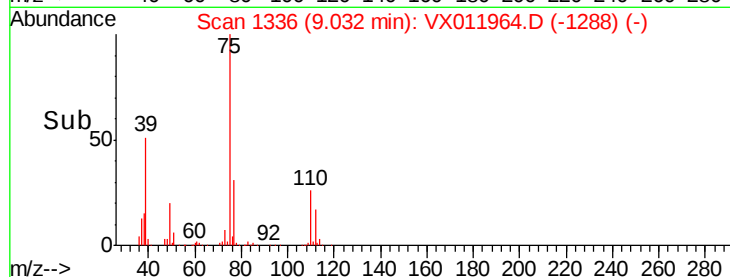
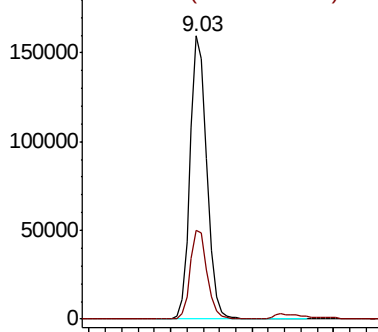
75 100

77 31.4 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.729 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

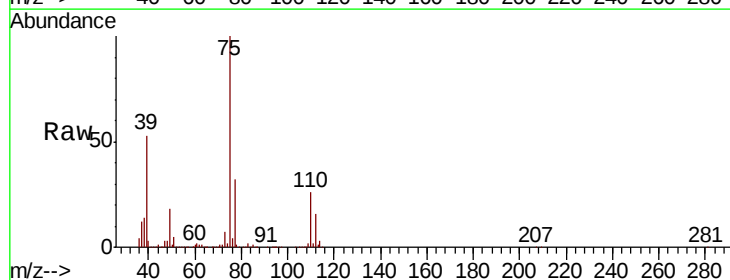
Tgt Ion: 75 Resp: 253542

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

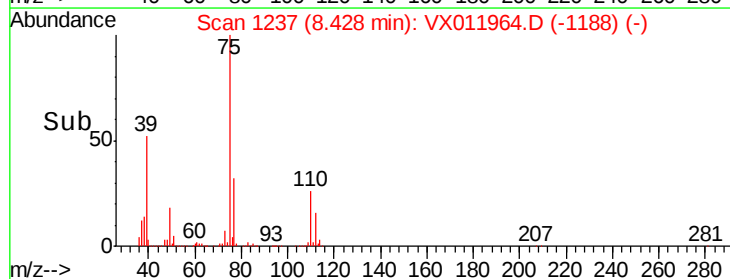
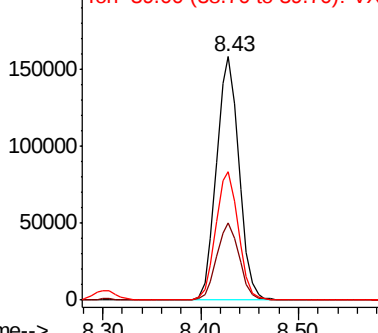
39 52.5 42.6 64.0

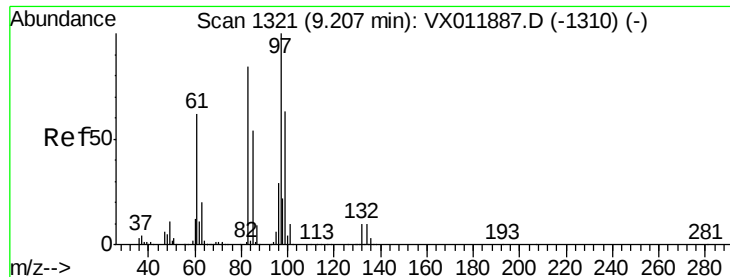


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

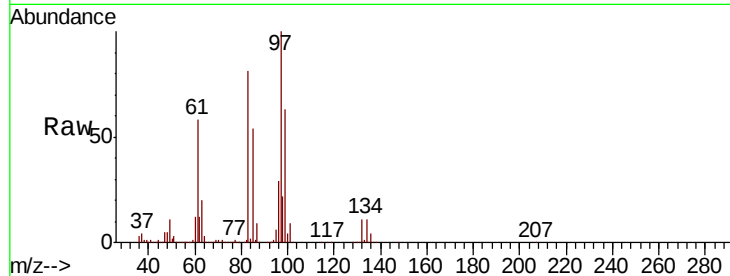




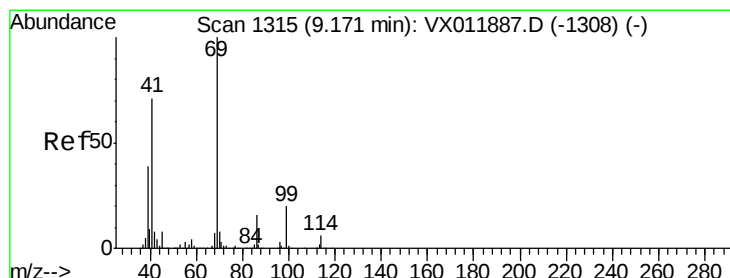
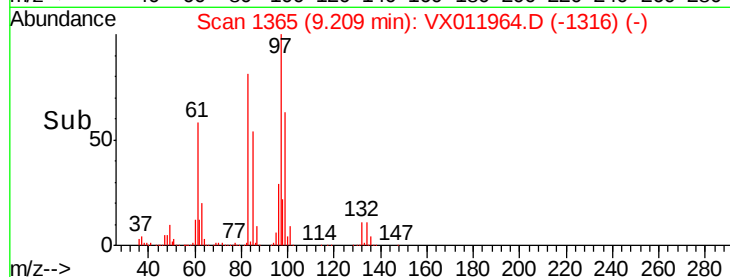
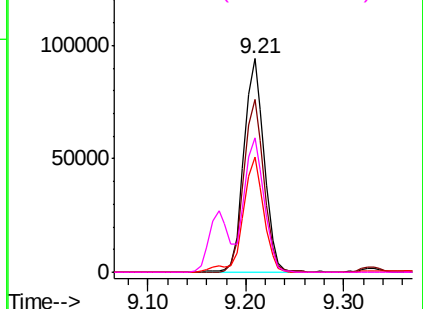
#55
 1,1,2-Trichloroethane
 Concen: 56.108 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	135941
Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.8	100.2
85	53.7	43.5	65.3
99	62.5	50.6	75.8

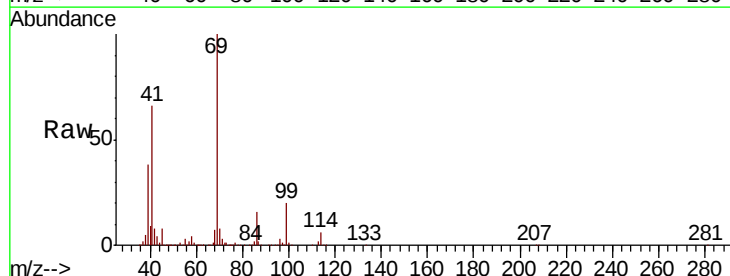


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

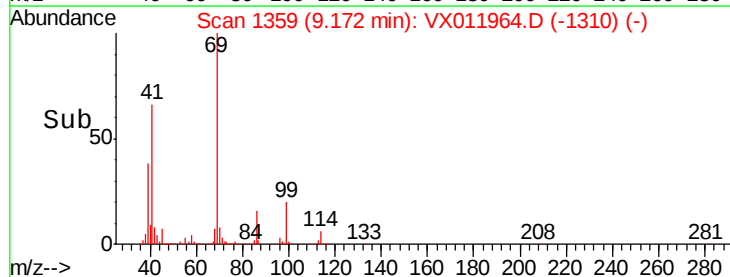
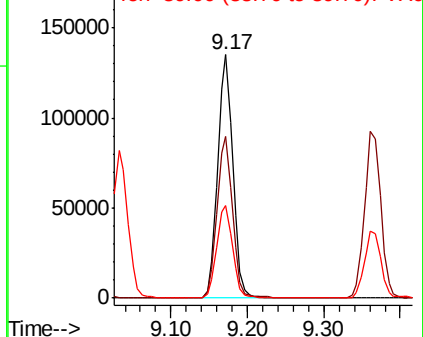


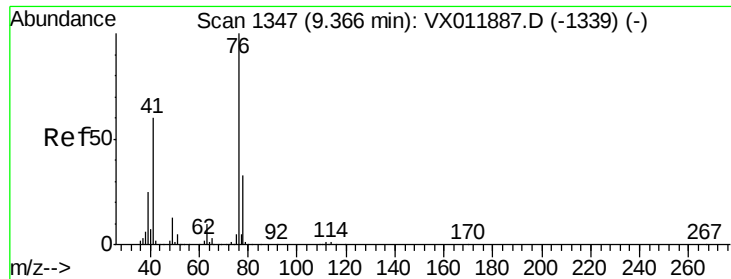
#56
 Ethyl methacrylate
 Concen: 55.164 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion:	69	Resp:	185496
Ion	Ratio	Lower	Upper
69	100		
41	66.9	55.8	83.8
39	39.1	31.1	46.7



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

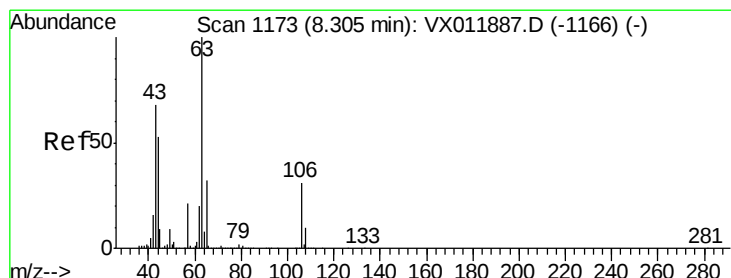
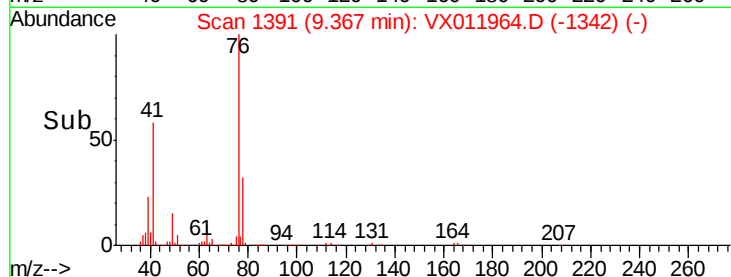
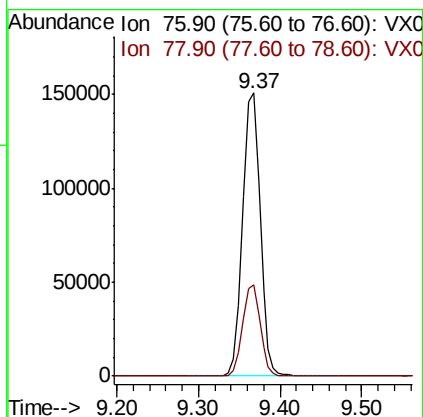
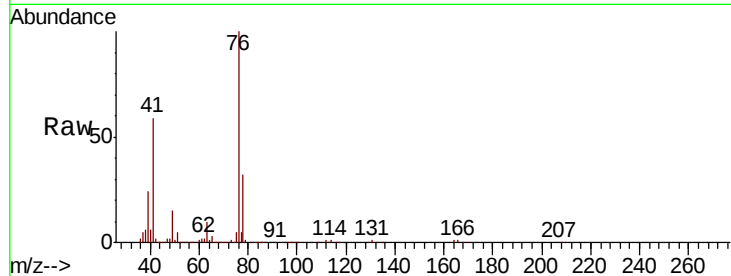




#57
 1,3-Dichloropropane
 Concen: 55.923 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

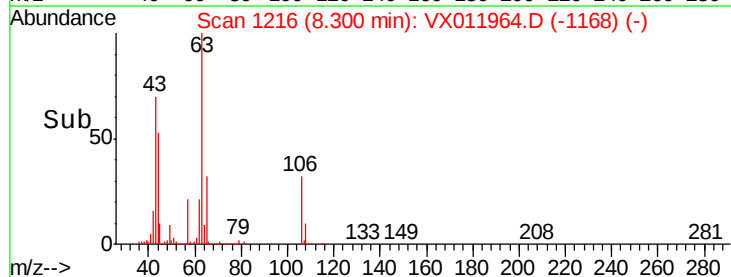
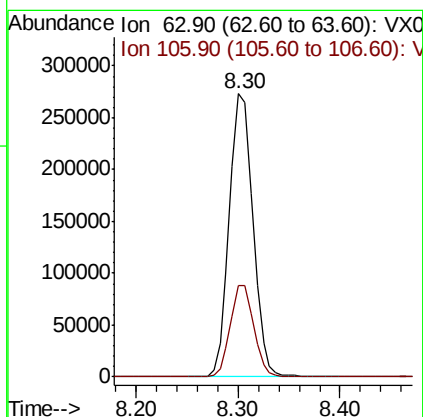
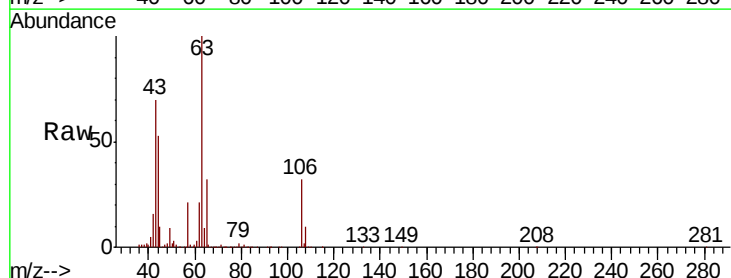
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

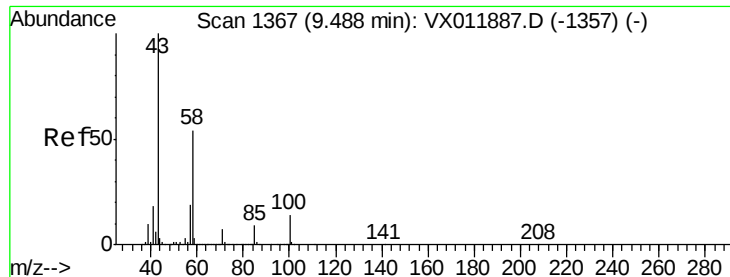
Tgt Ion: 76 Resp: 224891
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.840 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 63 Resp: 436982
 Ion Ratio Lower Upper
 63 100
 106 32.2 24.8 37.2

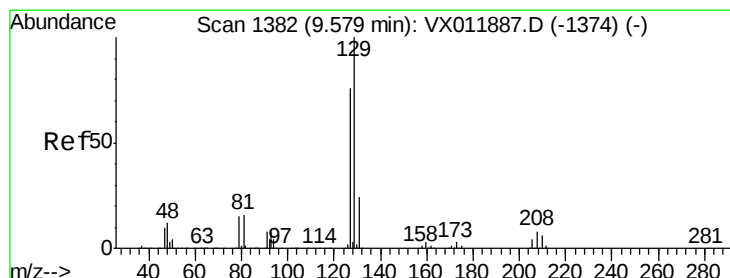
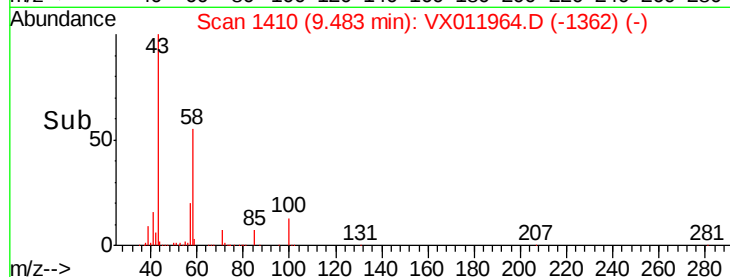
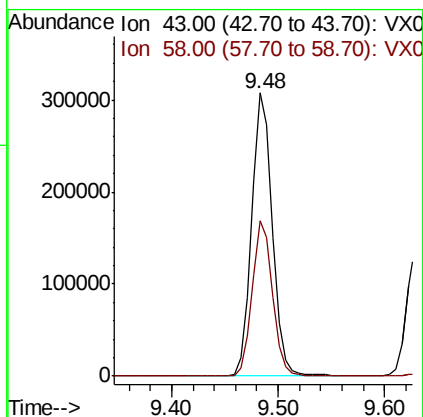
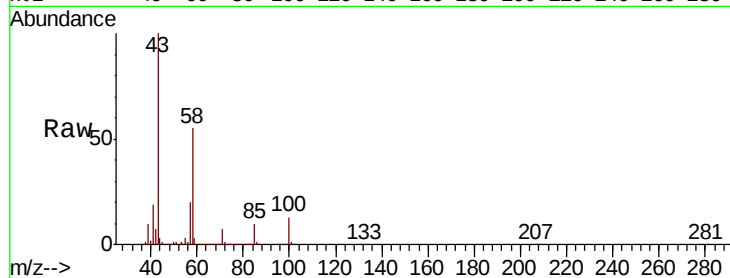




#59
2-Hexanone
Concen: 270.012 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

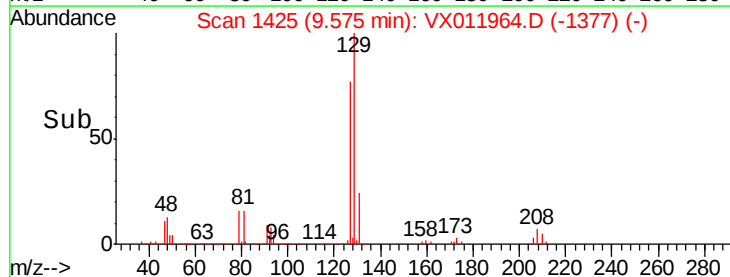
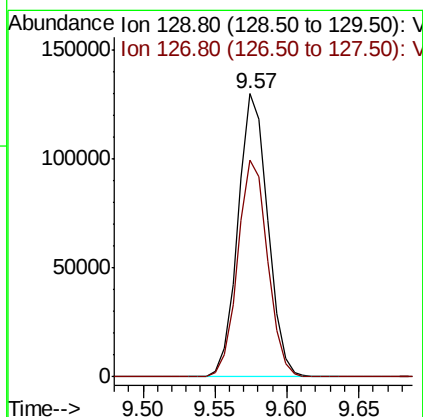
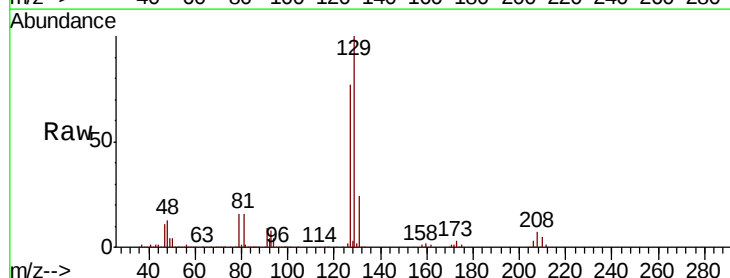
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

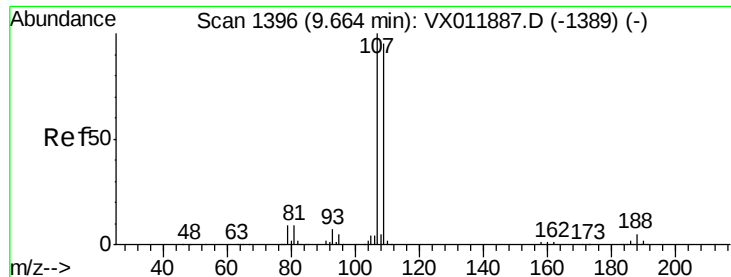
Tgt Ion: 43 Resp: 417641
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.4



#60
Dibromochloromethane
Concen: 57.304 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 129 Resp: 186473
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

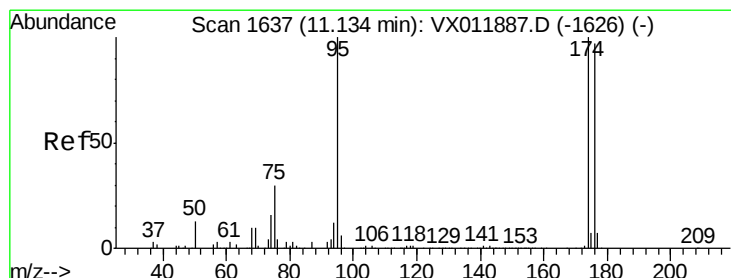
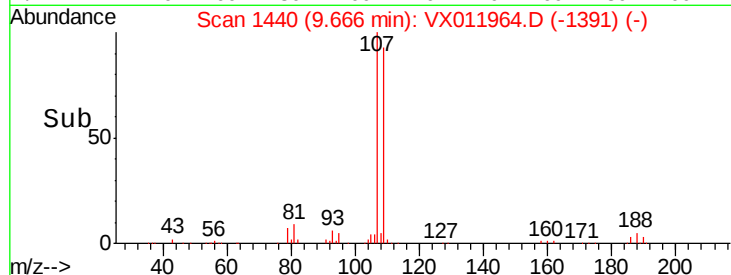
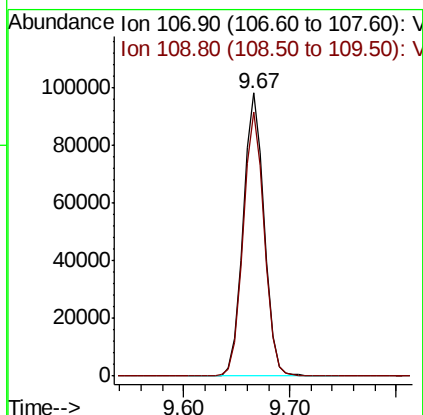
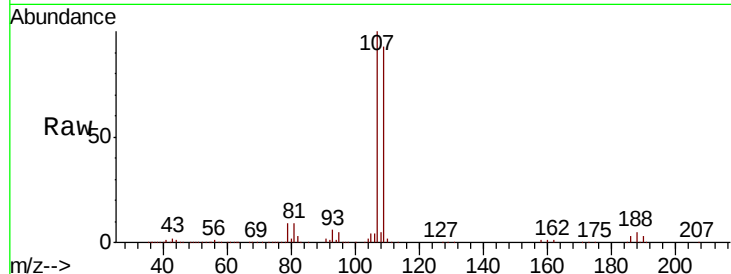




#61
 1,2-Dibromoethane
 Concen: 56.487 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

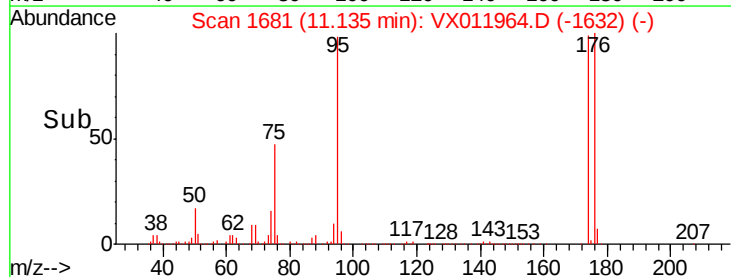
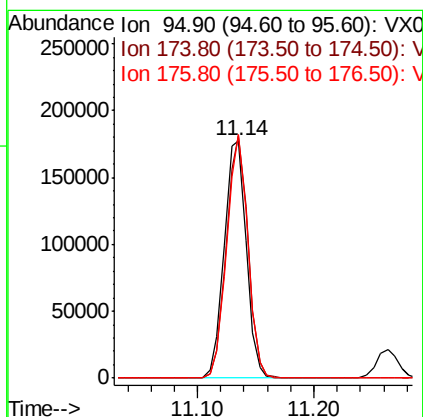
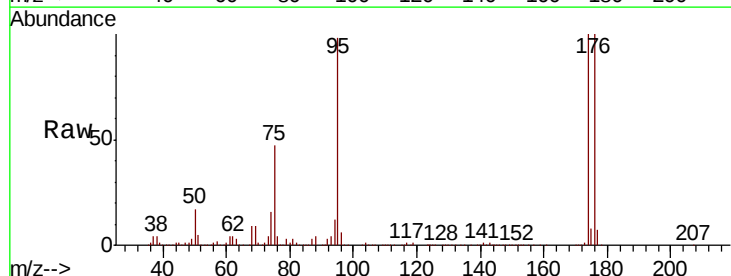
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

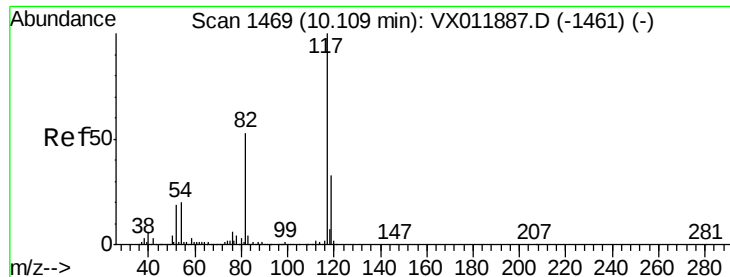
Tgt Ion: 107 Resp: 135691
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.317 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 95 Resp: 232624
 Ion Ratio Lower Upper
 95 100
 174 100.1 0.0 196.0
 176 98.3 0.0 191.4

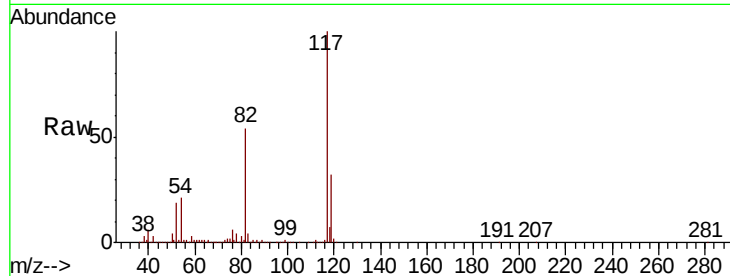




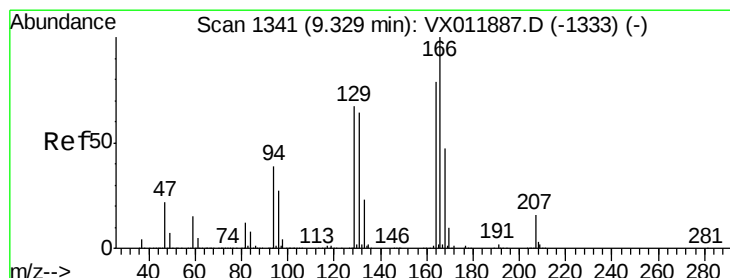
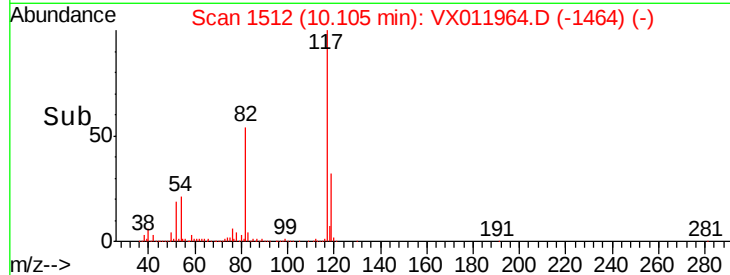
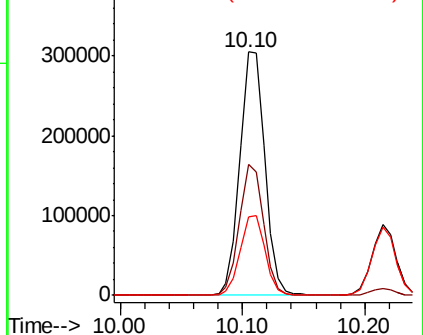
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 432171
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 32.2 26.2 39.4

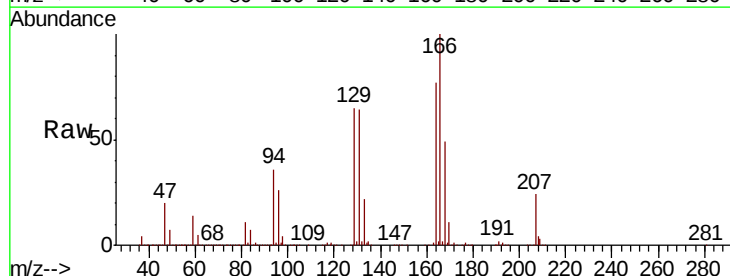


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

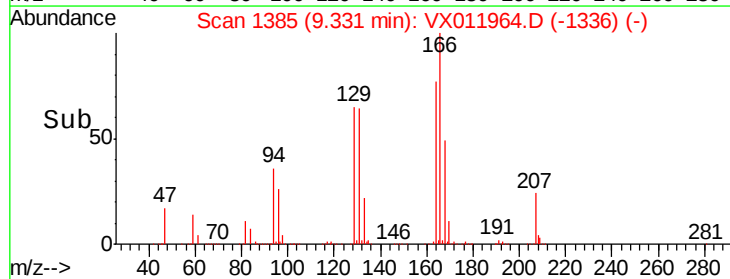
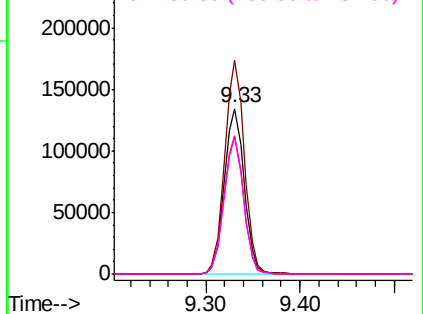


#64
Tetrachloroethene
Concen: 56.582 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion:164 Resp: 196701
Ion Ratio Lower Upper
164 100
166 129.2 101.4 152.0
129 83.5 68.0 102.0
131 82.8 64.7 97.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 54.624 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

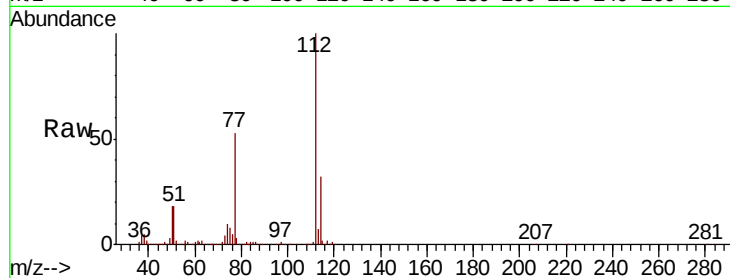
VSTDCCC050

Tgt Ion:112 Resp: 457470

Ion Ratio Lower Upper

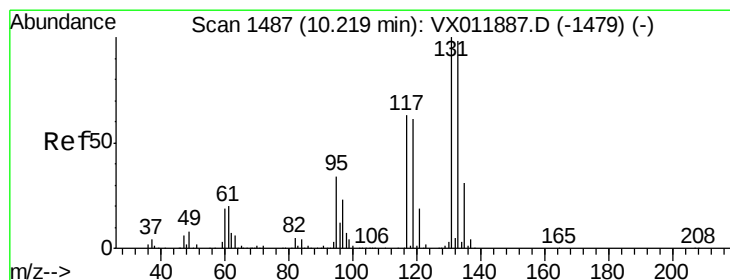
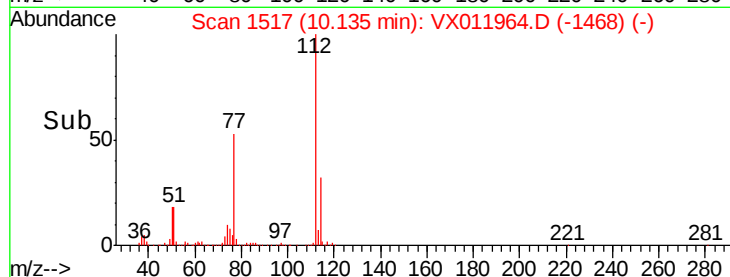
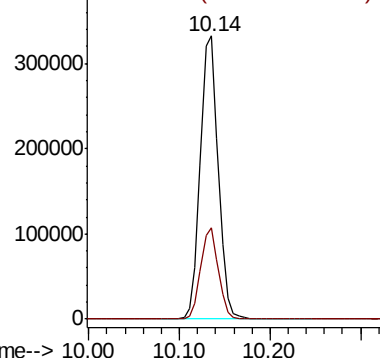
112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.791 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

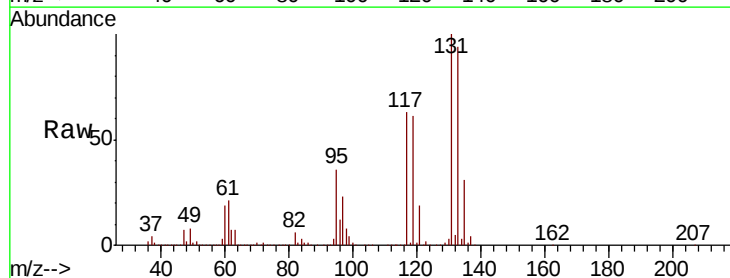
Tgt Ion:131 Resp: 188946

Ion Ratio Lower Upper

131 100

133 95.7 48.4 145.0

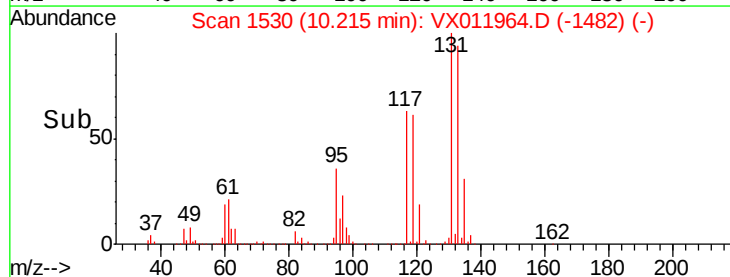
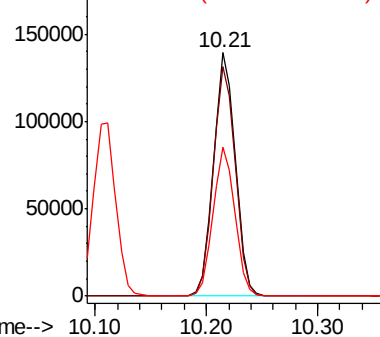
119 61.5 30.6 92.0

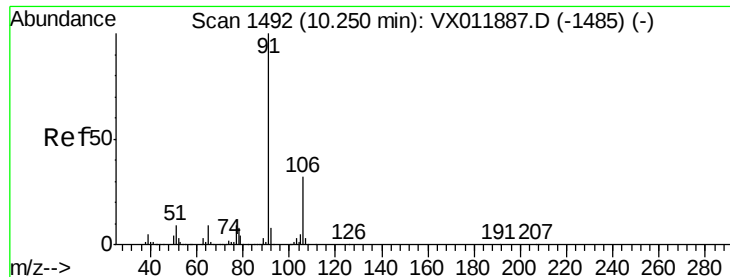


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.728 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

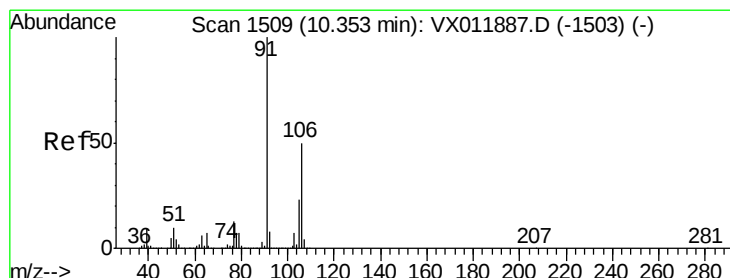
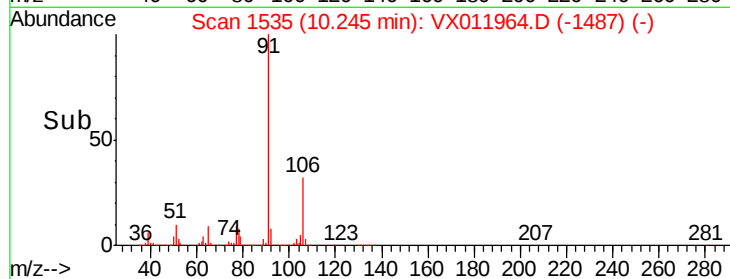
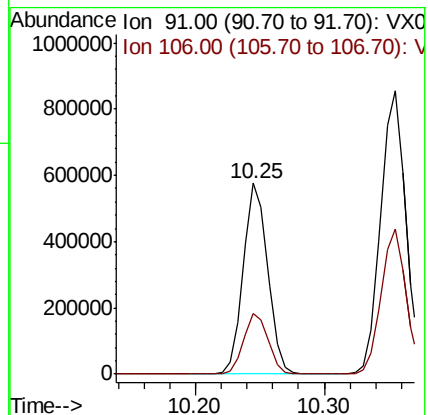
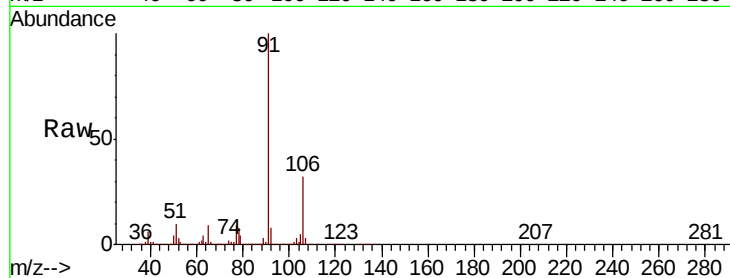
VSTDCCC050

Tgt Ion: 91 Resp: 751146

Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.8



#68

m/p-Xylenes

Concen: 105.810 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011964.D

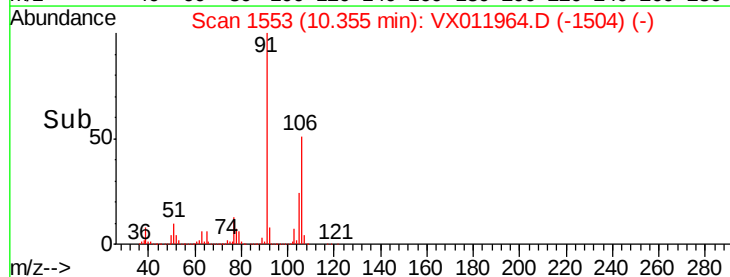
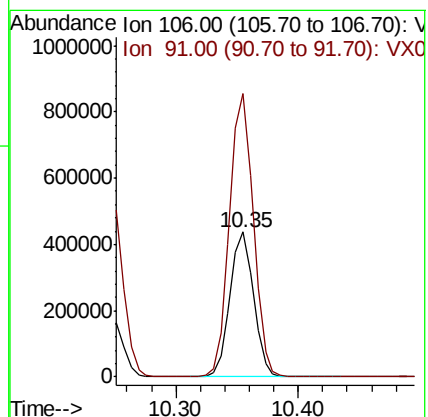
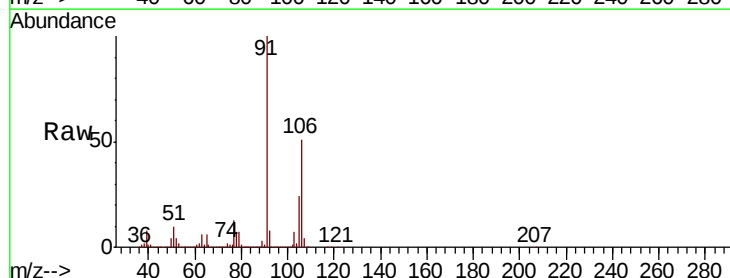
Acq: 31 Aug 2019 22:07

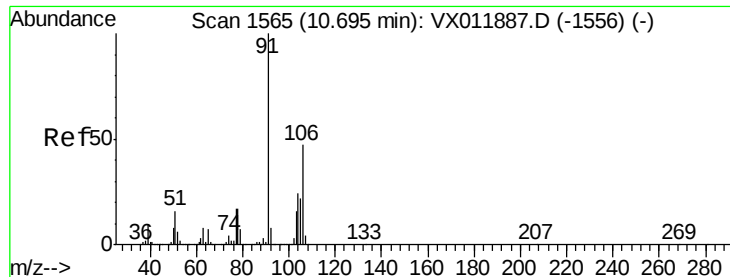
Tgt Ion: 106 Resp: 582036

Ion Ratio Lower Upper

106 100

91 197.8 158.6 237.8

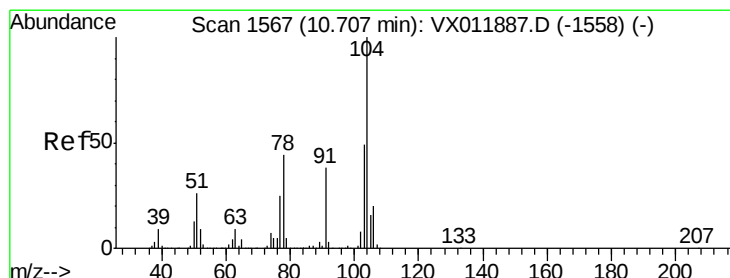
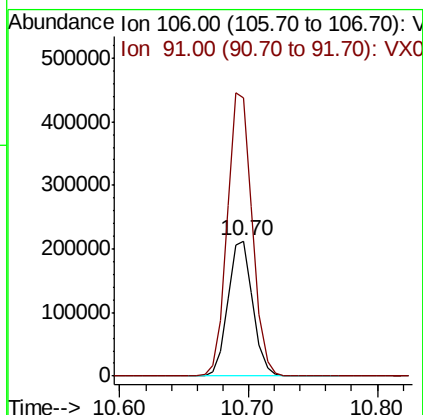
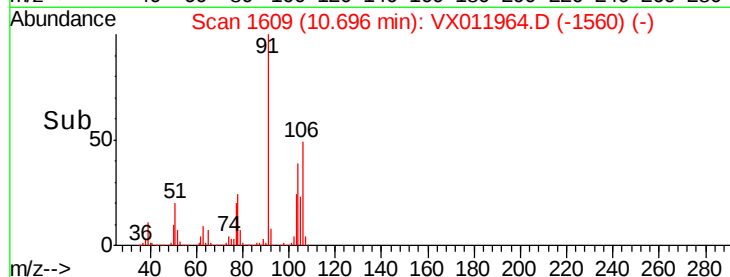
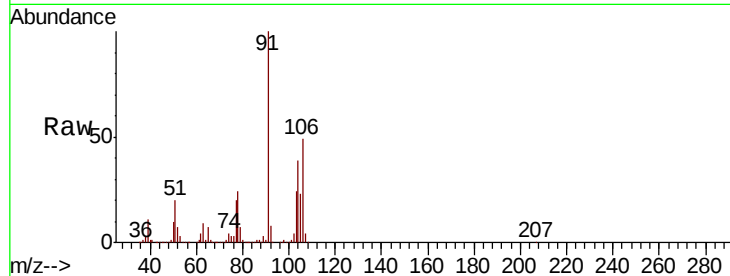




#69
o-Xylene
Concen: 53.615 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

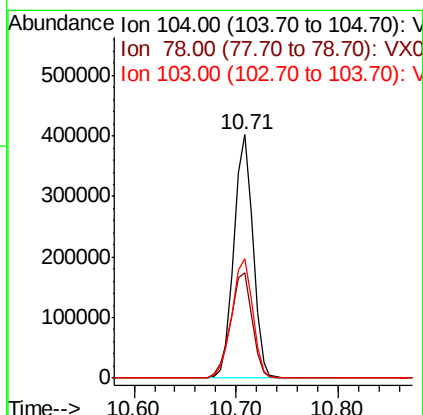
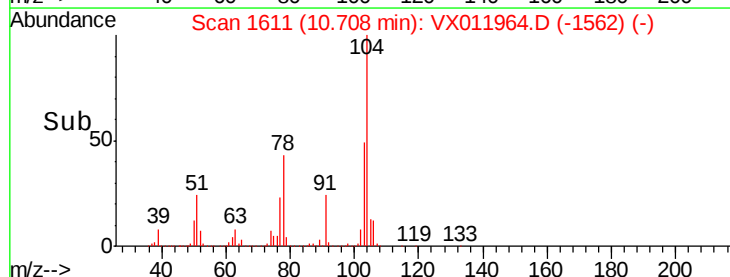
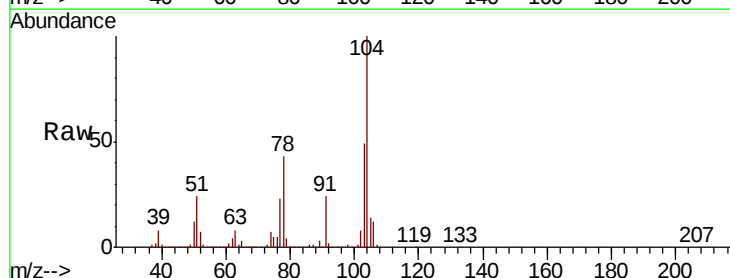
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

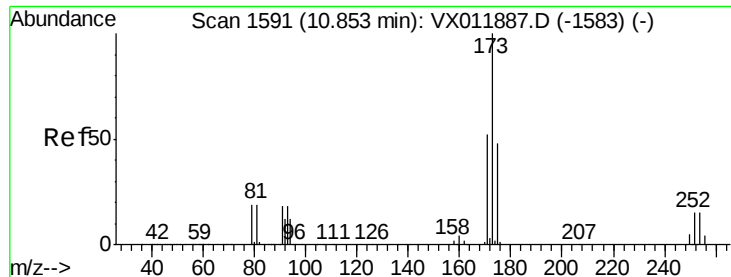
Tgt Ion:106 Resp: 287393
Ion Ratio Lower Upper
106 100
91 210.2 104.8 314.6



#70
Styrene
Concen: 54.461 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion:104 Resp: 514556
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 53.9 43.0 64.6

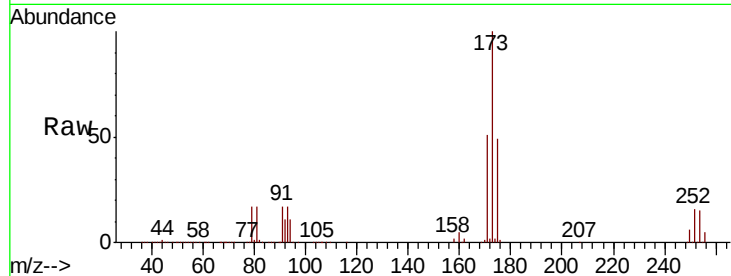




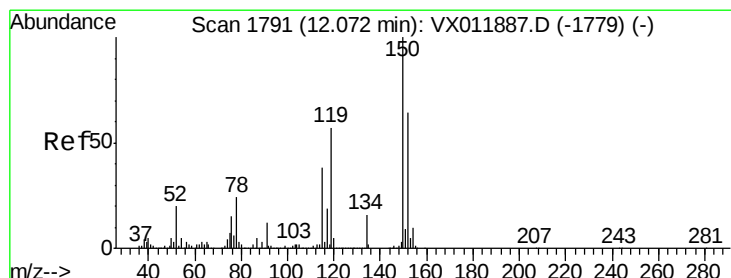
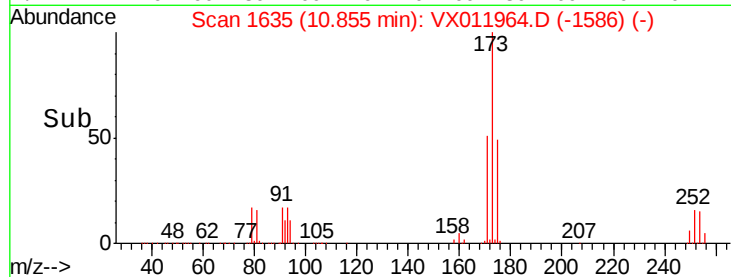
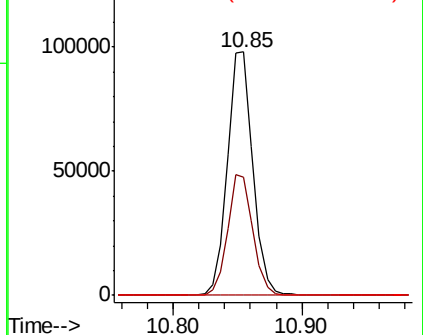
#71
Bromoform
Concen: 56.808 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 136040
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.2
254 0.2 0.1 0.1#

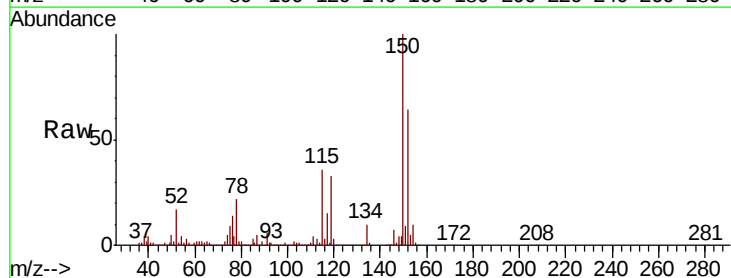


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

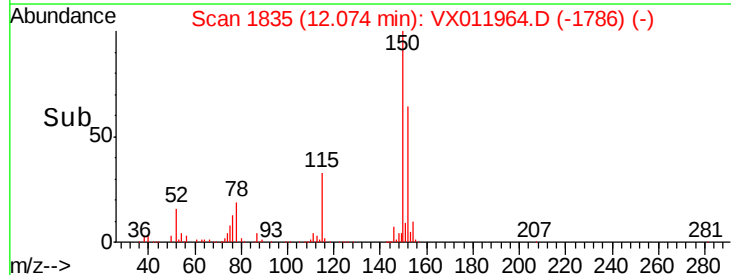
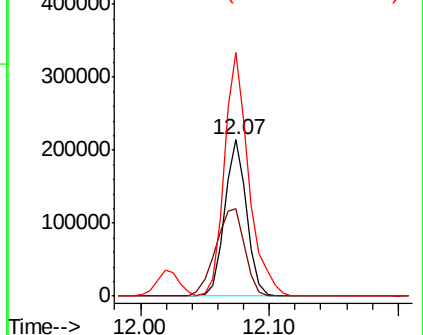


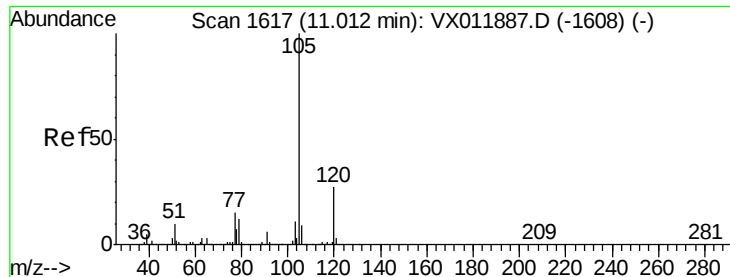
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion:152 Resp: 255669
Ion Ratio Lower Upper
152 100
115 74.8 37.1 111.3
150 172.5 0.0 339.6



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: 52.131 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

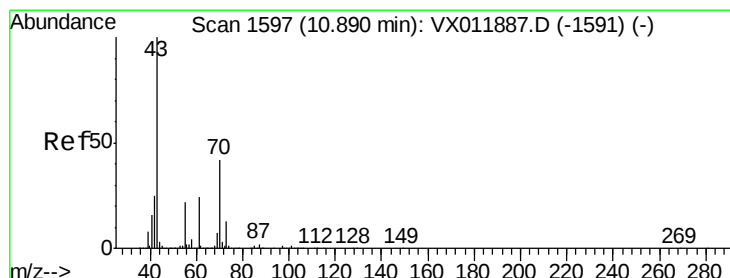
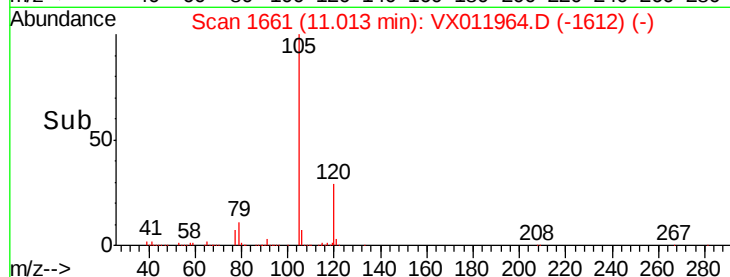
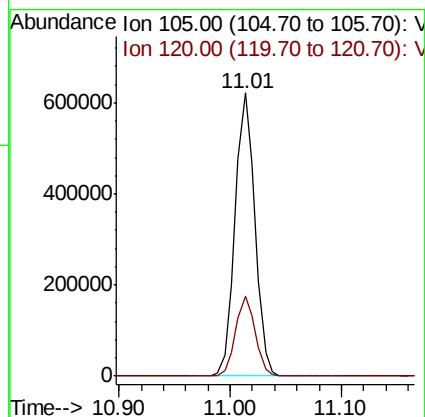
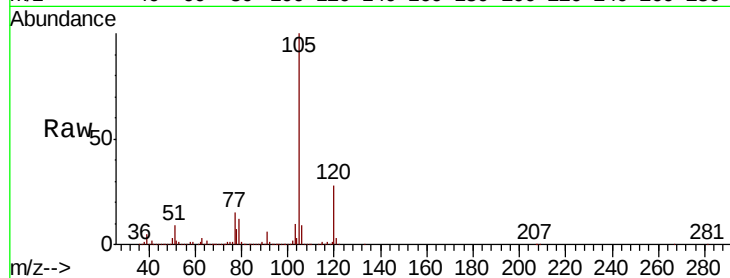
VSTDCCC050

Tgt Ion: 105 Resp: 765818

Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.4



#74

N-ethyl acetate

Concen: 51.369 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Tgt Ion: 43 Resp: 223945

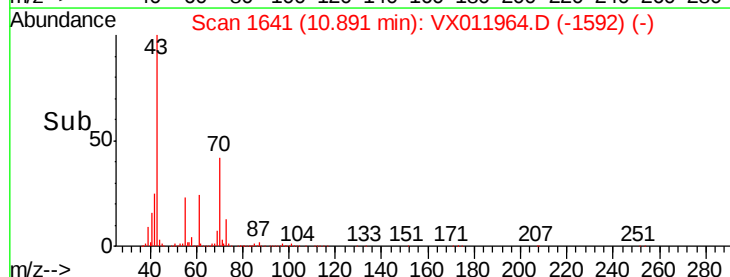
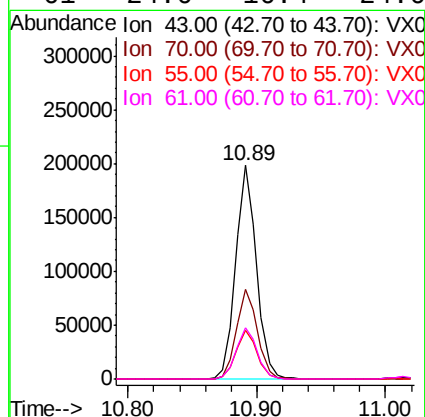
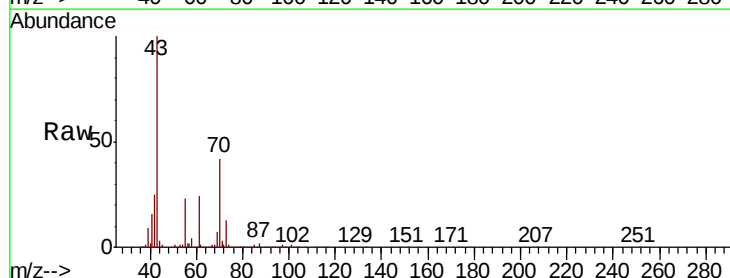
Ion Ratio Lower Upper

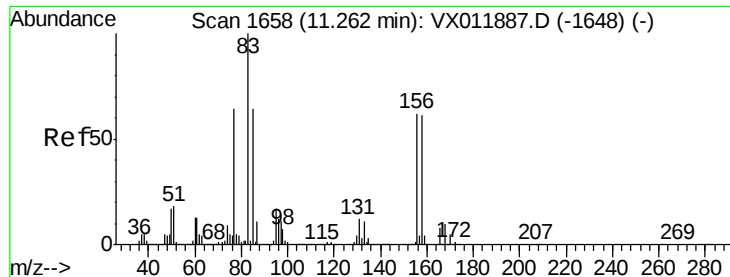
43 100

70 42.8 0.2 0.2#

55 23.3 0.1 0.1#

61 24.6 16.4 24.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.609 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

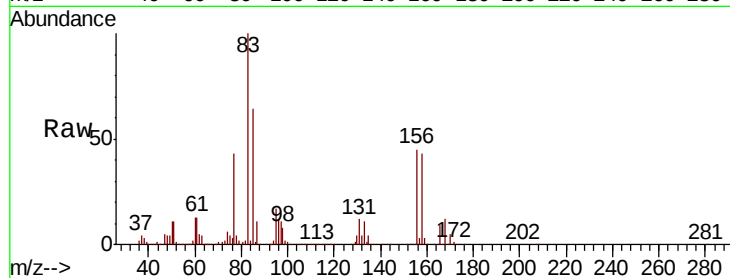
Tgt Ion: 83 Resp: 161172

Ion Ratio Lower Upper

83 100

131 12.3 6.0 18.0

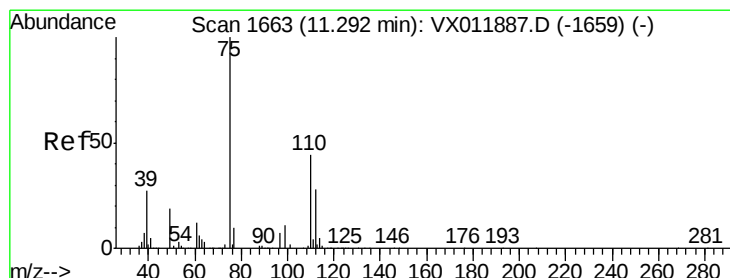
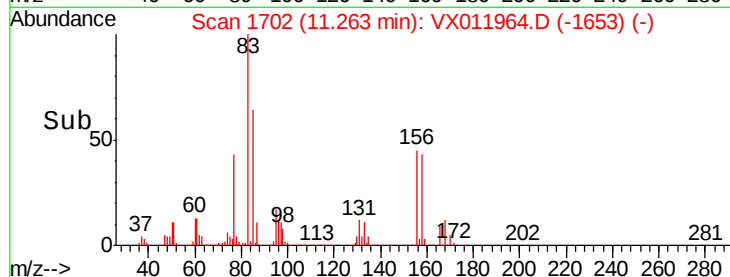
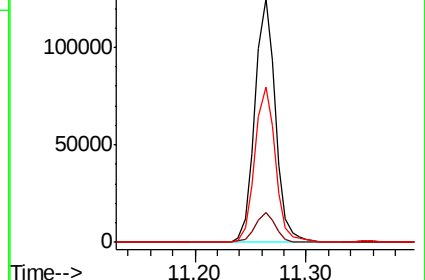
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.356 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX011964.D

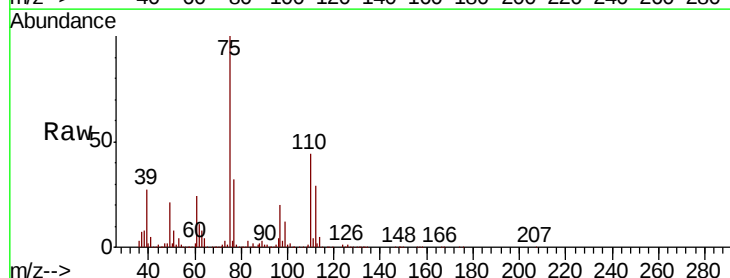
Acq: 31 Aug 2019 22:07

Tgt Ion: 75 Resp: 171918

Ion Ratio Lower Upper

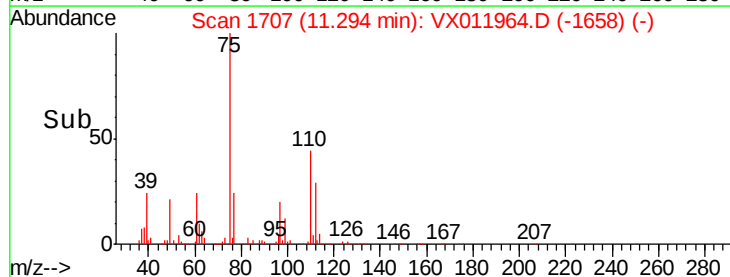
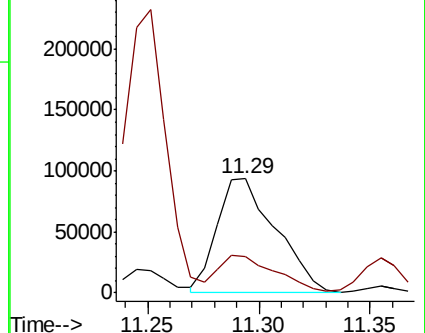
75 100

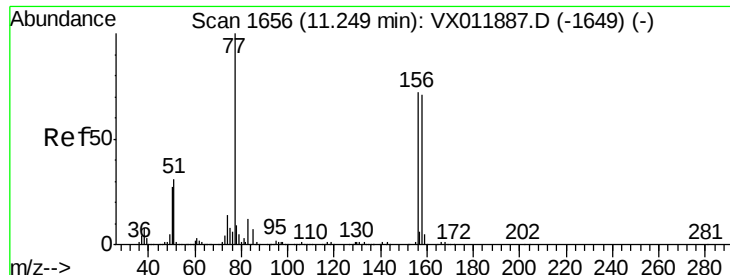
77 31.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.883 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

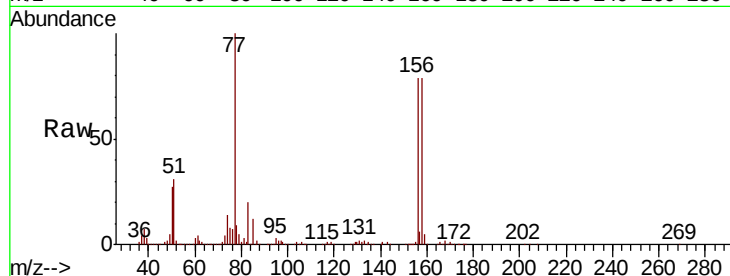
Tgt Ion:156 Resp: 233828

Ion Ratio Lower Upper

156 100

77 130.7 68.1 204.3

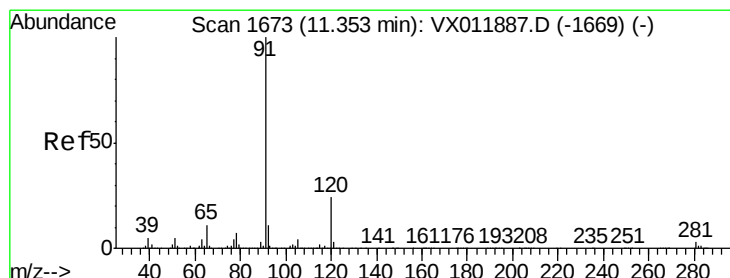
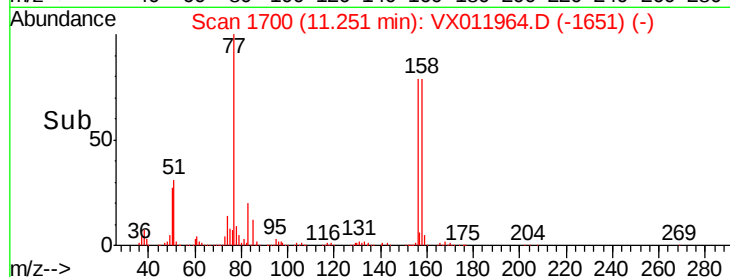
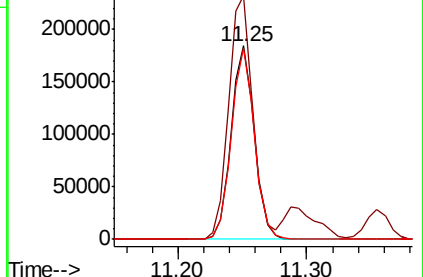
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.646 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX011964.D

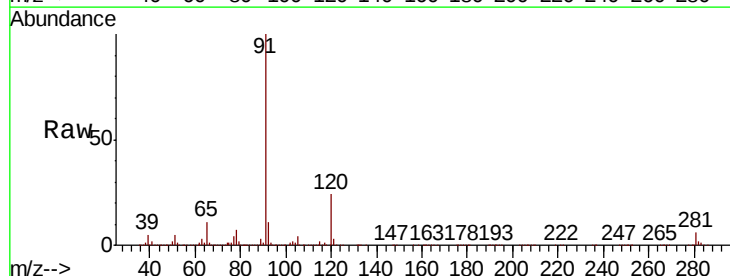
Acq: 31 Aug 2019 22:07

Tgt Ion: 91 Resp: 860324

Ion Ratio Lower Upper

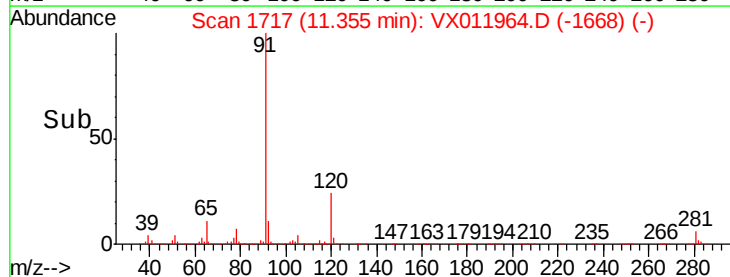
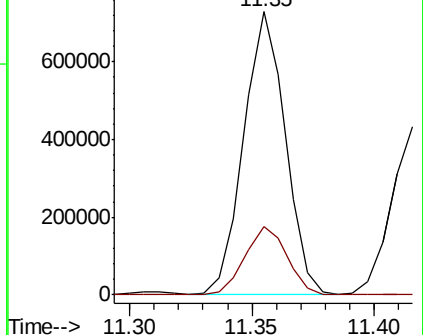
91 100

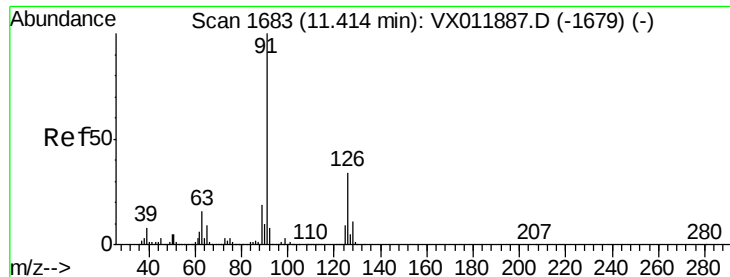
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

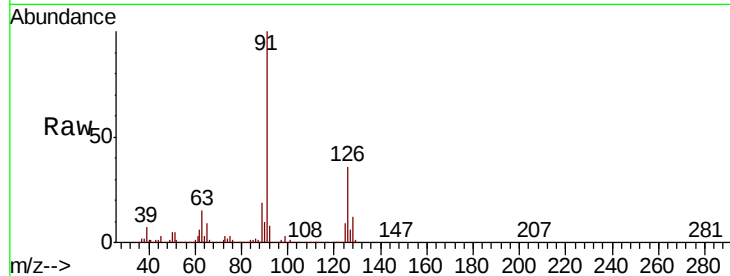




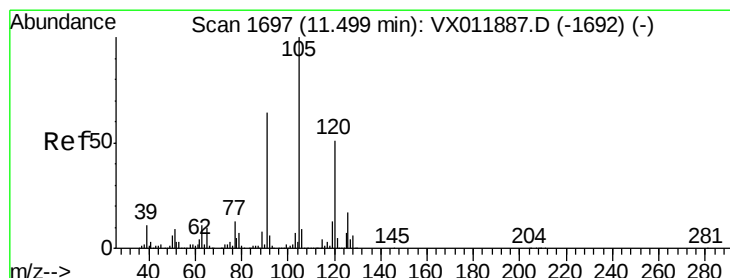
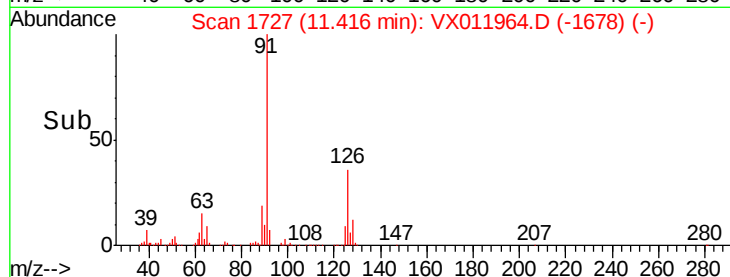
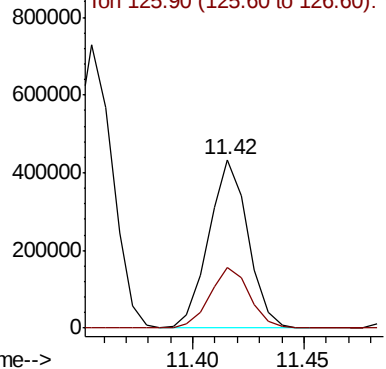
#79
 2-Chlorotoluene
 Concen: 52.792 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 529341
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.8

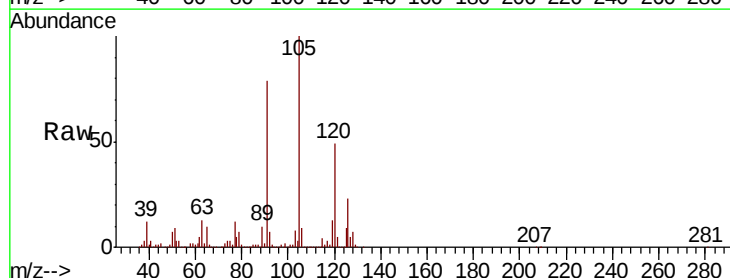


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

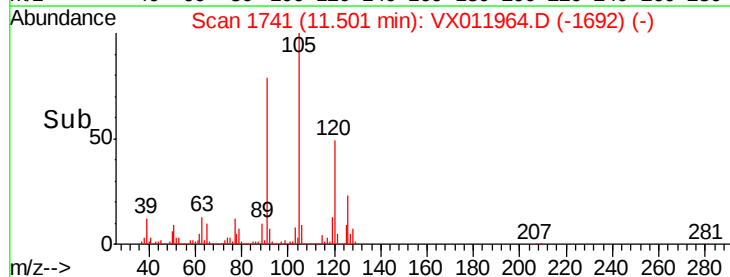
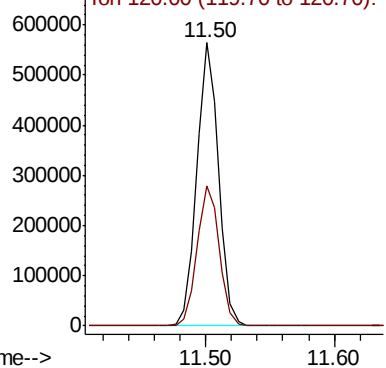


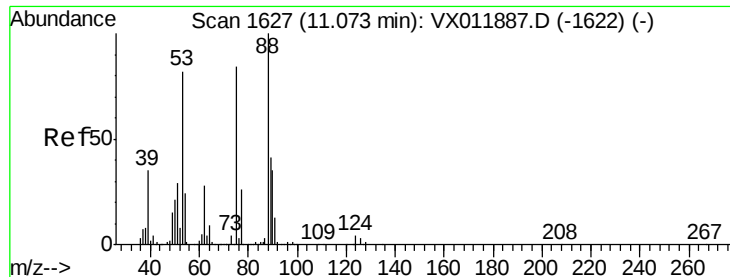
#80
 1,3,5-Trimethylbenzene
 Concen: 52.838 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion: 105 Resp: 669977
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 49.291 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

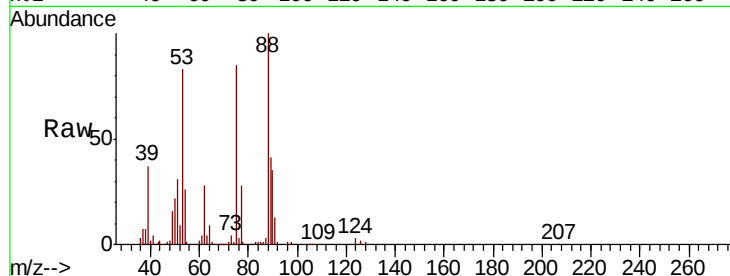
Tgt Ion: 75 Resp: 49347

Ion Ratio Lower Upper

75 100

53 98.8 77.1 115.7

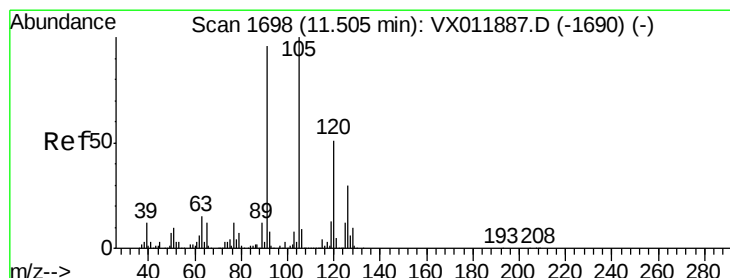
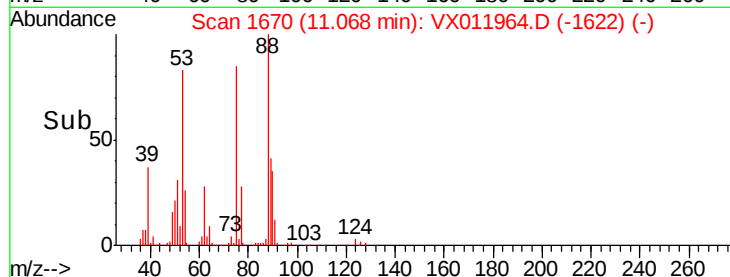
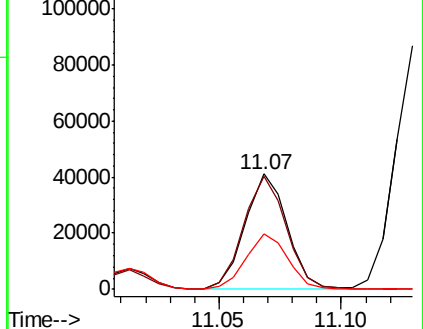
89 48.6 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.655 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX011964.D

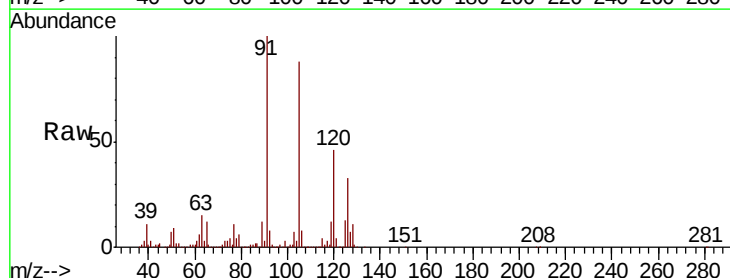
Acq: 31 Aug 2019 22:07

Tgt Ion: 91 Resp: 636941

Ion Ratio Lower Upper

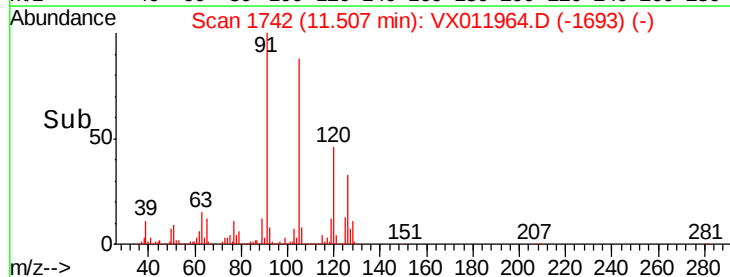
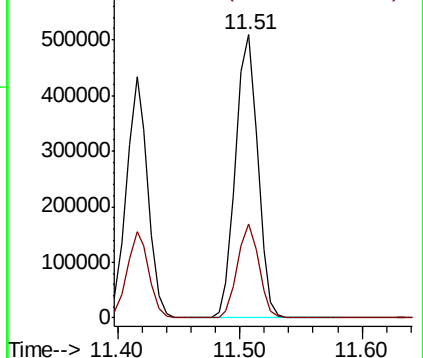
91 100

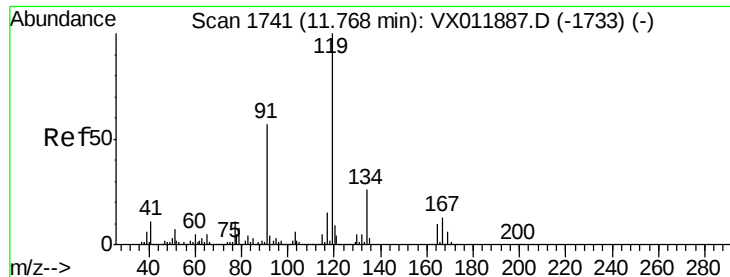
126 32.2 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

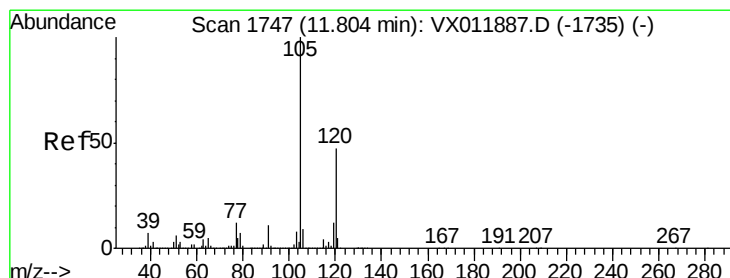
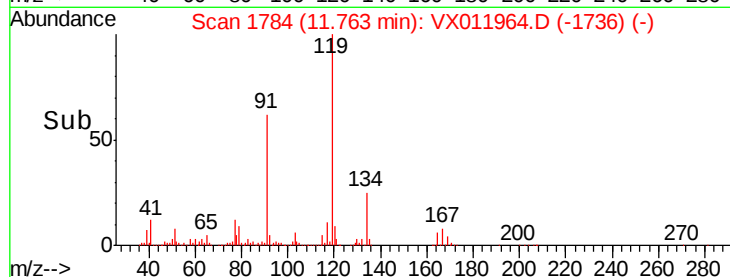
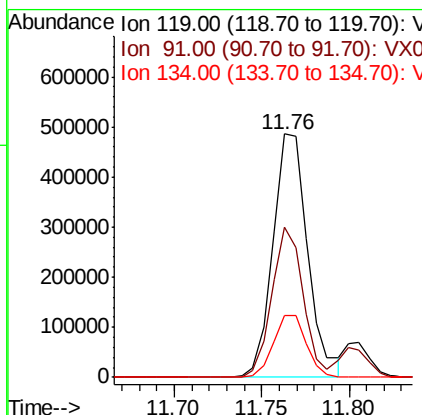
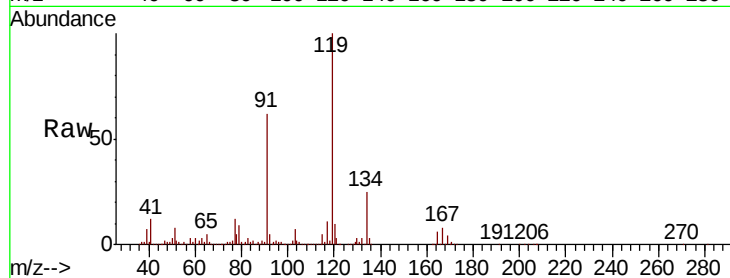




#83
 tert-Butylbenzene
 Concen: 52.477 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

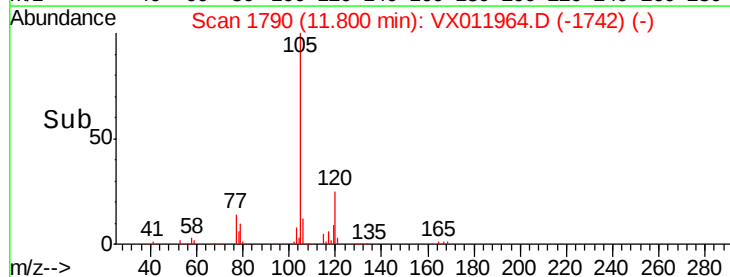
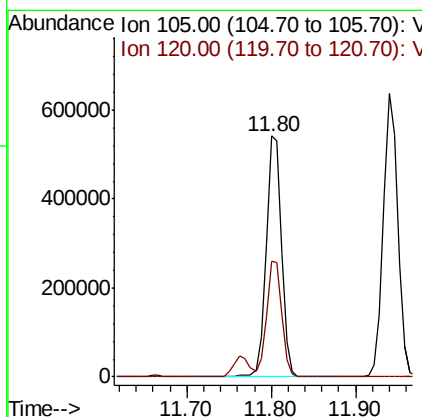
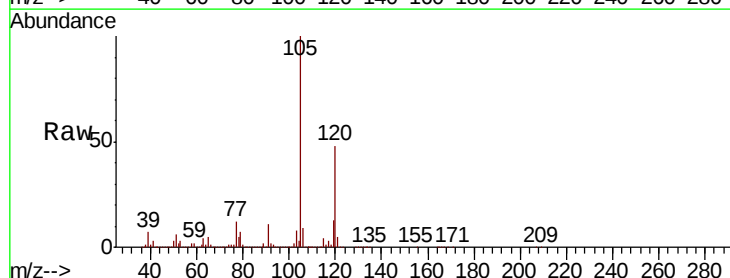
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

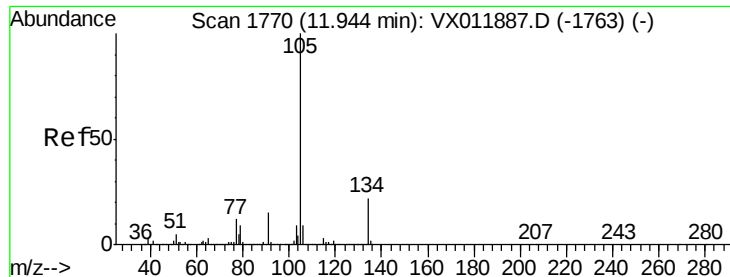
Tgt Ion:119 Resp: 675176
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.9 83.6
 134 24.2 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.492 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion:105 Resp: 682126
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.446 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

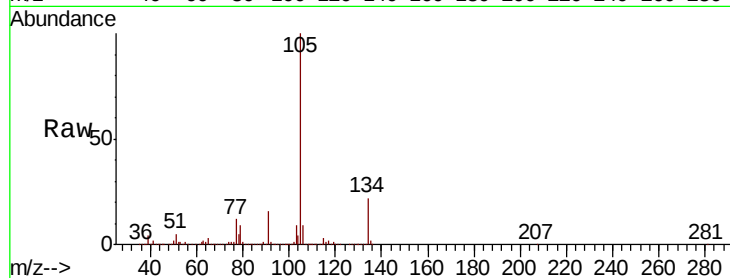
VSTDCCC050

Tgt Ion:105 Resp: 768826

Ion Ratio Lower Upper

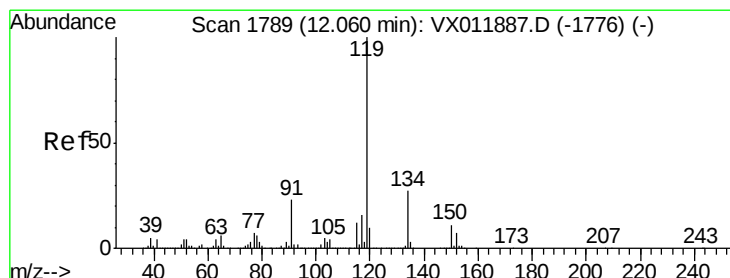
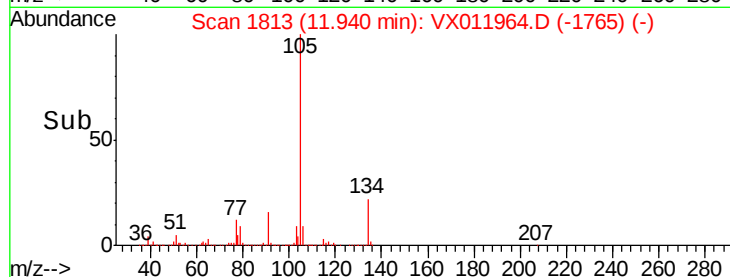
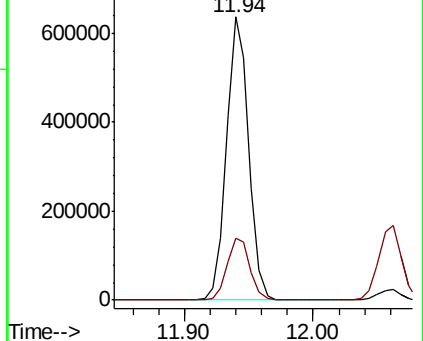
105 100

134 22.5 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.951 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

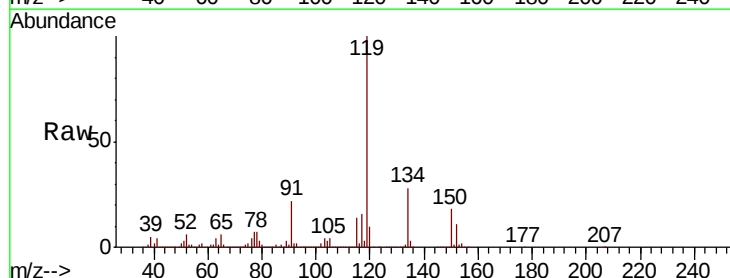
Tgt Ion:119 Resp: 752825

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

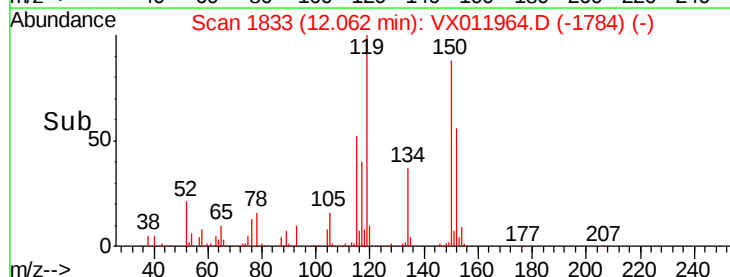
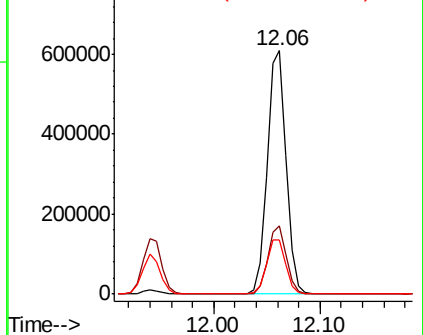
91 22.7 11.6 34.7

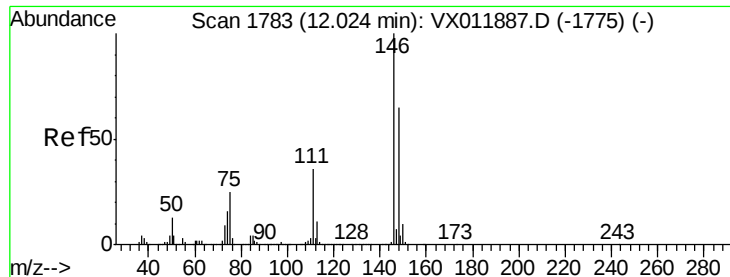


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

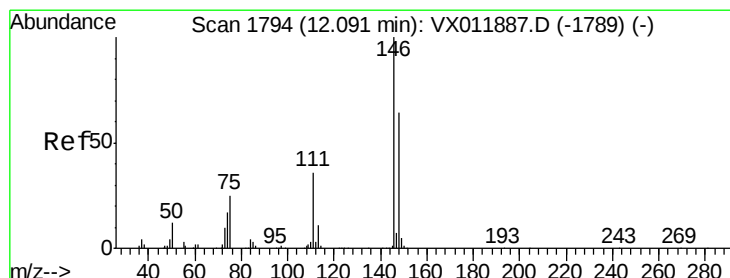
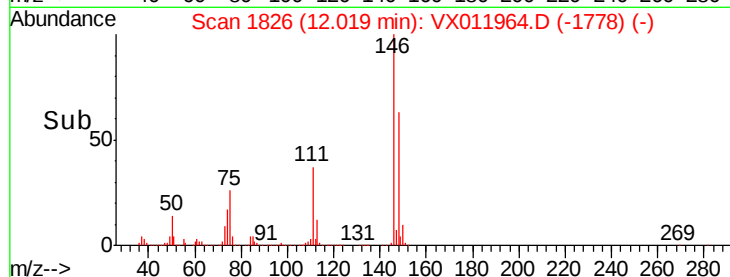
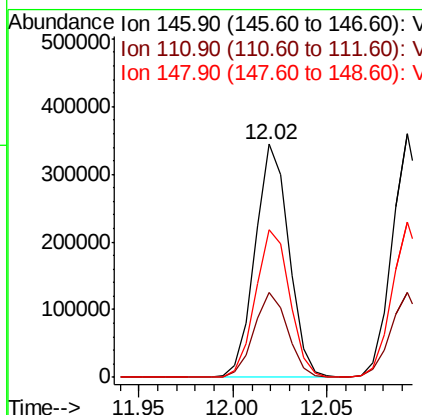
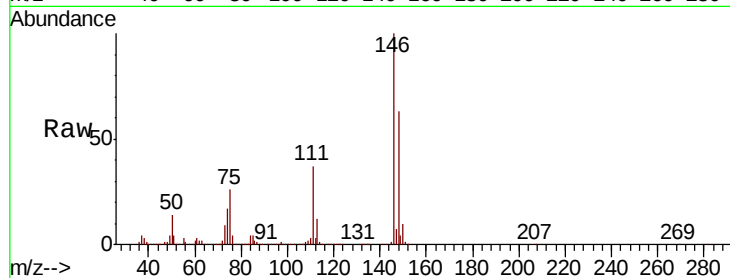




#87
 1,3-Dichlorobenzene
 Concen: 54.099 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

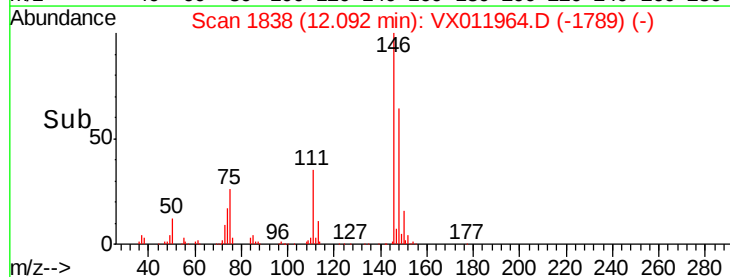
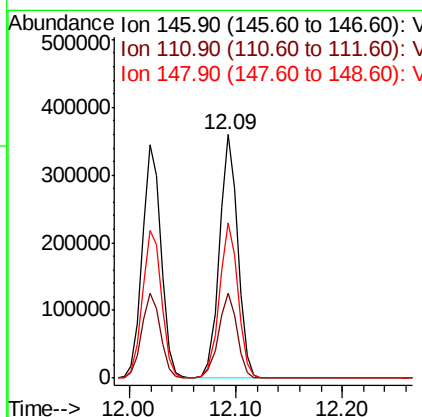
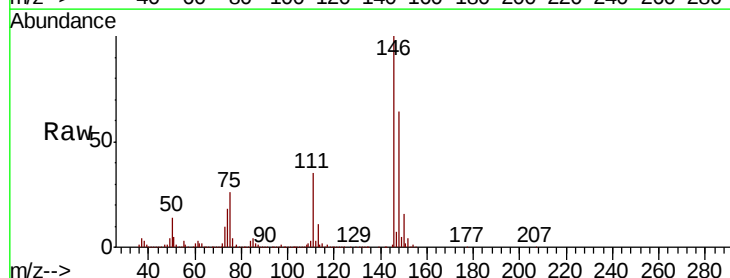
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

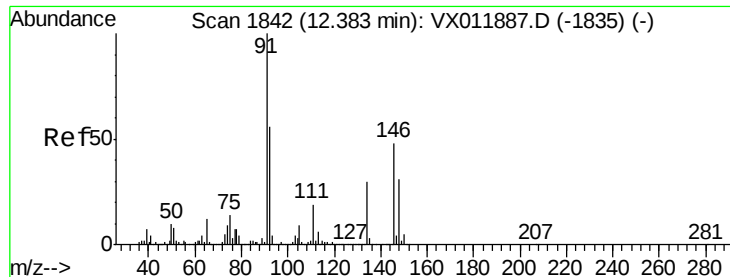
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.2
148	64.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.839 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.9	53.7
148	64.2	32.4	97.0

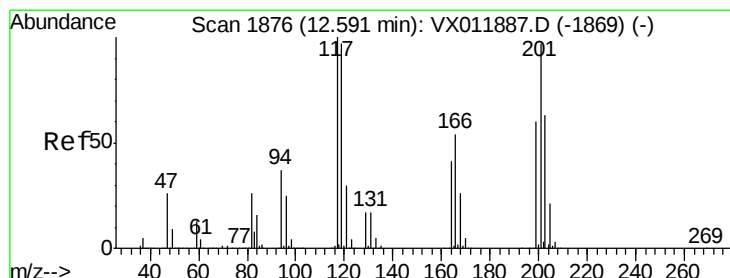
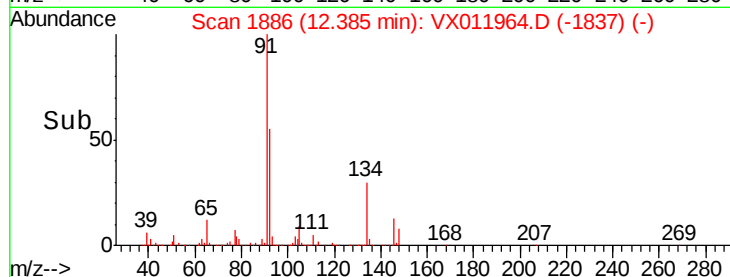
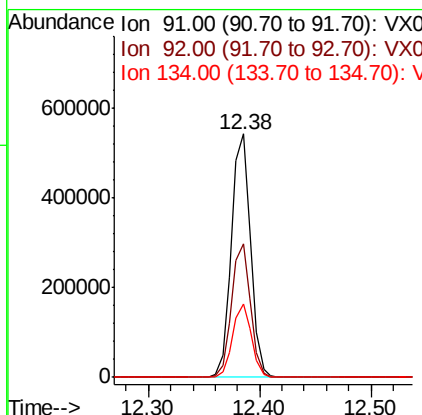
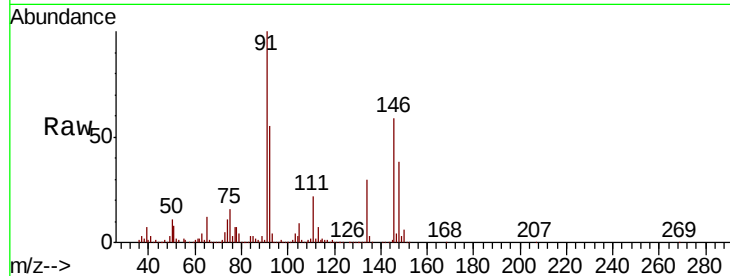




#89
n-Butylbenzene
Concen: 50.077 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

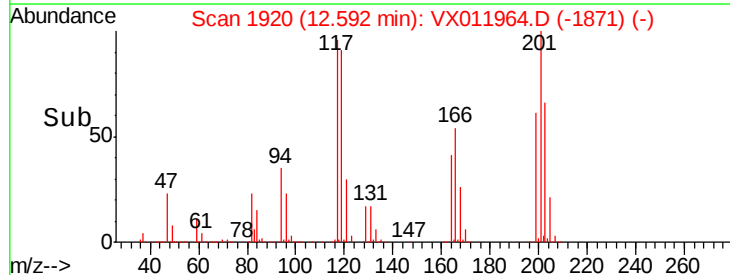
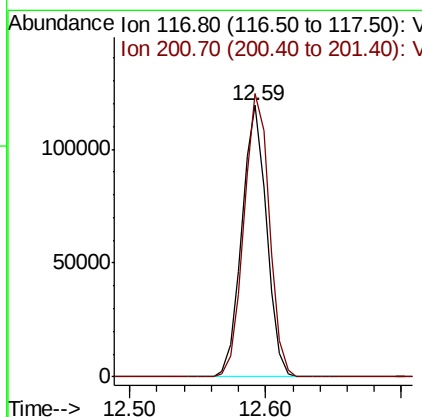
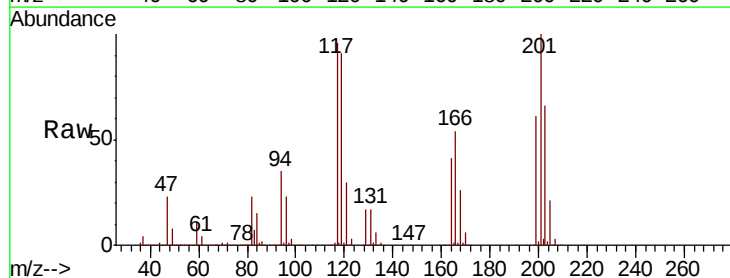
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

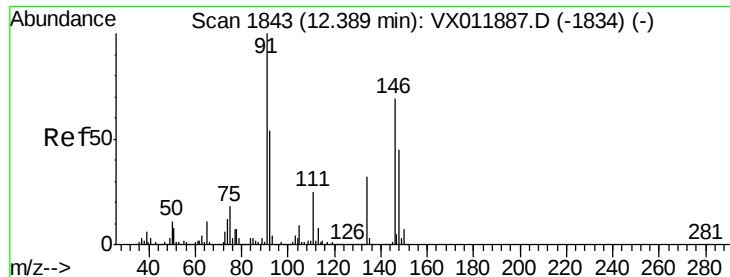
Tgt Ion: 91 Resp: 642011
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.8
134 29.8 14.8 44.3



#90
Hexachloroethane
Concen: 53.867 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX011964.D
Acq: 31 Aug 2019 22:07

Tgt Ion: 117 Resp: 151012
Ion Ratio Lower Upper
117 100
201 107.0 52.8 158.5





#91

1,2-Dichlorobenzene

Concen: 54.879 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

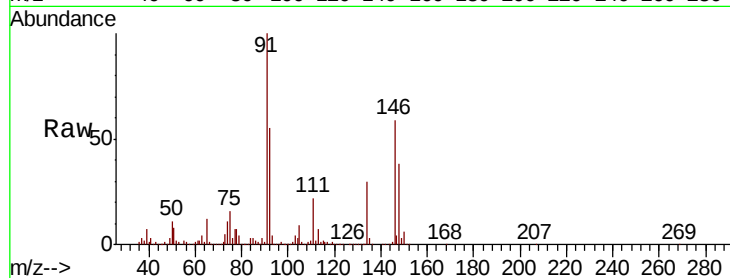
Tgt Ion:146 Resp: 404005

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.5

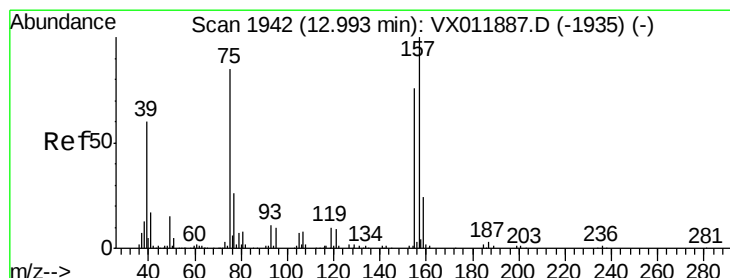
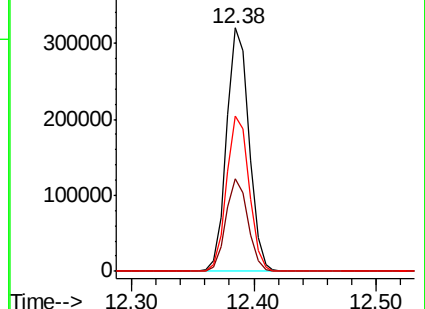
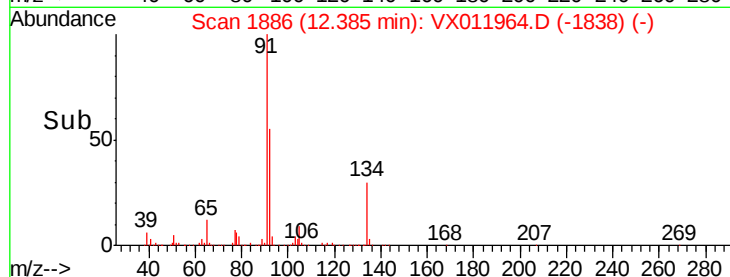
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.473 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

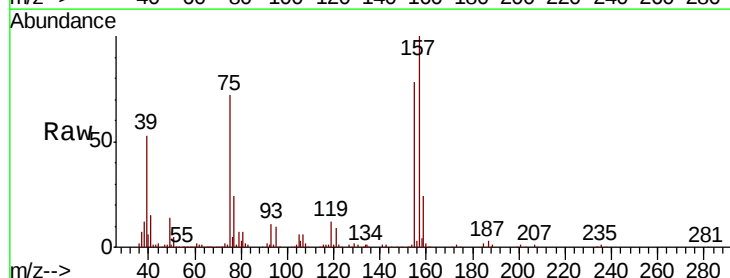
Tgt Ion: 75 Resp: 32024

Ion Ratio Lower Upper

75 100

155 103.4 50.1 150.4

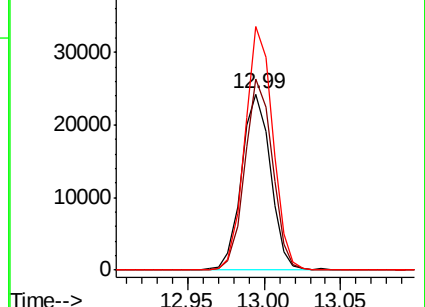
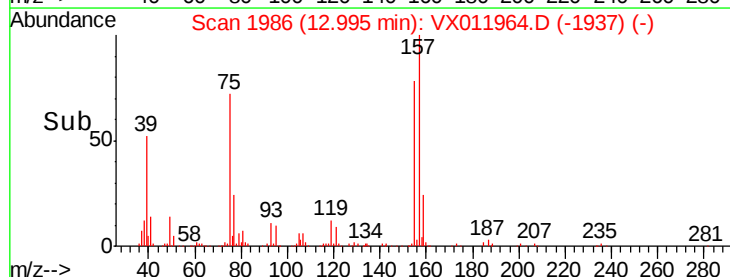
157 132.2 63.9 191.7

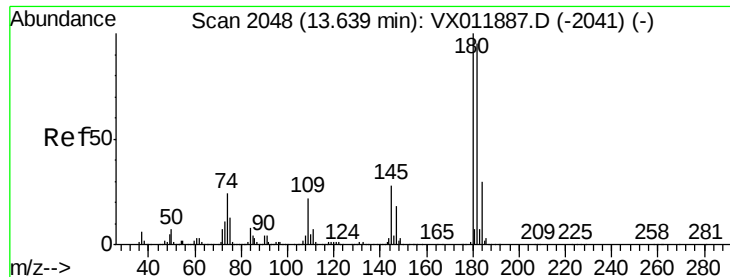


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

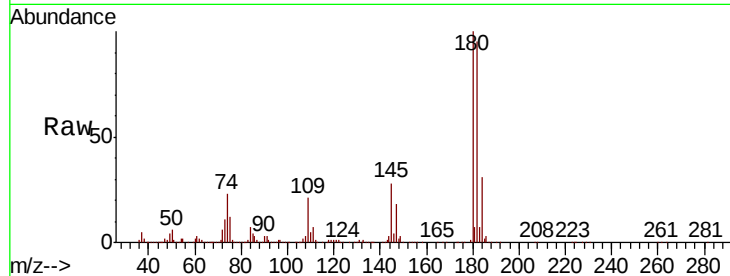




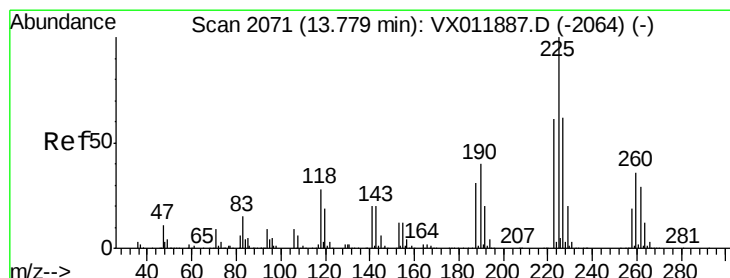
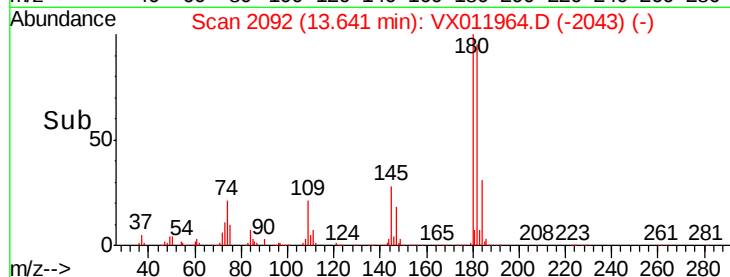
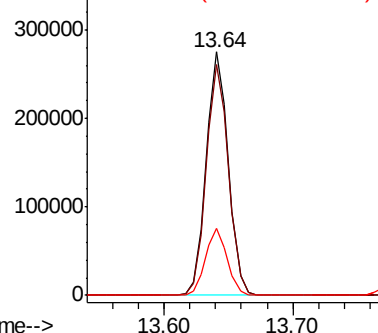
#93
 1,2,4-Trichlorobenzene
 Concen: 53.223 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 329917
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.1 144.4
 145 27.3 13.8 41.3

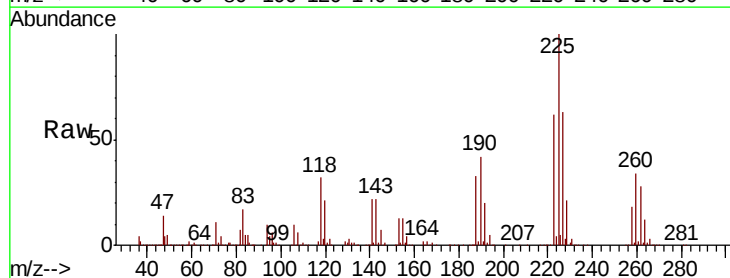


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

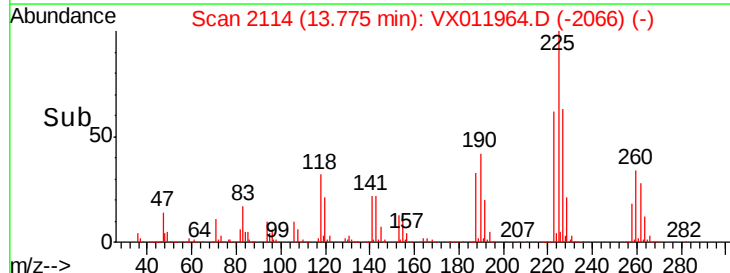
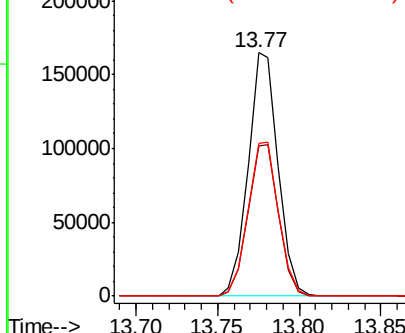


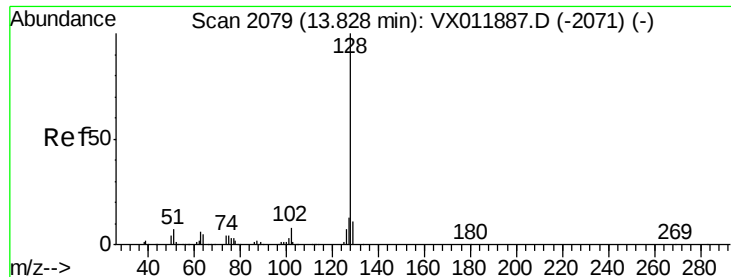
#94
 Hexachlorobutadiene
 Concen: 50.801 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX011964.D
 Acq: 31 Aug 2019 22:07

Tgt Ion:225 Resp: 210302
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.8 92.3
 227 64.5 31.9 95.7



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: 53.360 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

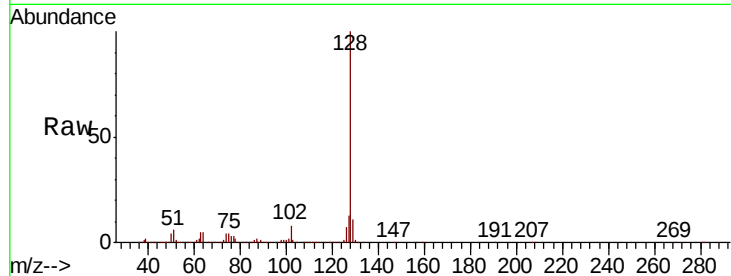
Tgt Ion:128 Resp: 567663

Ion Ratio Lower Upper

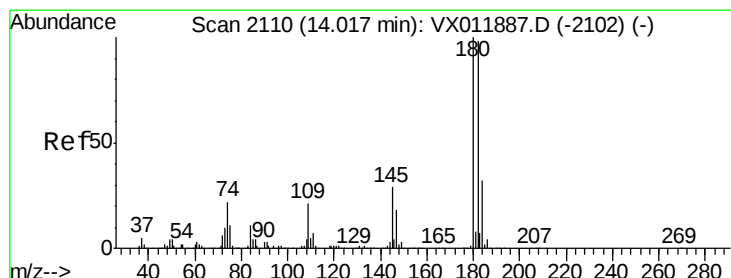
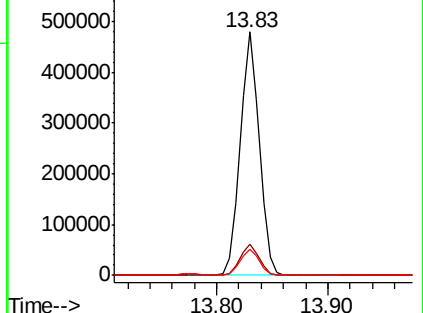
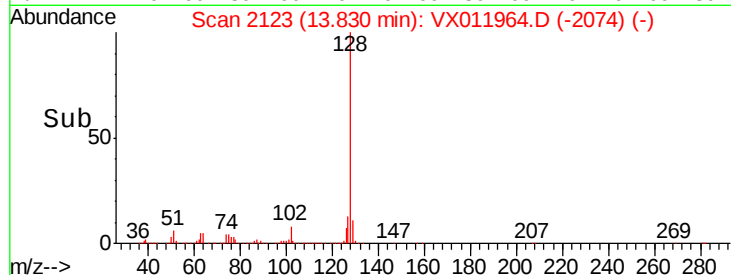
128 100

127 12.8 10.4 15.6

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.951 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX011964.D

Acq: 31 Aug 2019 22:07

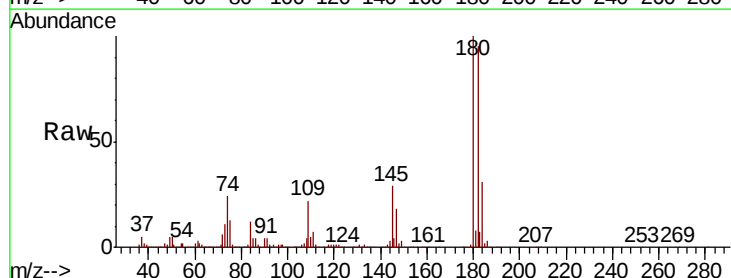
Tgt Ion:180 Resp: 296815

Ion Ratio Lower Upper

180 100

182 96.9 48.3 144.8

145 28.9 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

