

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009271.D
 Acq On : 02 May 2019 12:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 03 07:08:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30383	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	177968	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	158050	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74558	29.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.60%
60) 4-Bromofluorobenzene	11.13	95	80400	29.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.80%
63) Toluene-d8	8.71	98	226119	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	32388	20.061	ug/l 98
3) Chloromethane	1.32	50	43938	20.247	ug/l 99
4) Vinyl Chloride	1.40	62	42385	19.578	ug/l 99
5) Bromomethane	1.64	94	25617	18.667	ug/l 94
6) Chloroethane	1.72	64	26661	18.779	ug/l 99
7) Trichlorofluoromethane	1.93	101	53308	19.941	ug/l 100
8) Diethyl Ether	2.18	74	24221	19.513	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33620	20.313	ug/l 99
10) 1,1-Dichloroethene	2.37	96	33277	20.024	ug/l 97
11) Methyl Iodide	2.51	142	34406	19.045	ug/l 98
12) Methyl Acetate	2.77	43	60077	19.193	ug/l 98
13) Acrolein	2.29	56	37986	88.479	ug/l 100
14) Acrylonitrile	3.14	53	133295	98.124	ug/l 98
15) Acetone	2.44	58	35999	92.299	ug/l 97
16) Carbon Disulfide	2.57	76	88597	19.704	ug/l 98
17) Allyl chloride	2.73	41	77865	19.516	ug/l 98
18) Methylene Chloride	2.85	84	40299	20.065	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	35233	19.884	ug/l 98
20) Diisopropyl ether	3.85	45	154130	19.617	ug/l 97
21) 1,1-Dichloroethane	3.70	63	74599	19.620	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	41978	19.668	ug/l 98
23) tert-Butyl Alcohol	3.04	59	54410	94.724	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	127798	19.650	ug/l 99
25) Chloroform	5.21	83	69221	19.949	ug/l 99
26) Cyclohexane	5.57	56	71257	20.108	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	51585	19.754	ug/l 100
30) 2-Butanone	4.67	43	197775	96.707	ug/l 100
31) 2,2-Dichloropropane	4.58	77	53804	18.689	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	56363	19.910	ug/l 98
33) Carbon Tetrachloride	5.78	117	46282	19.540	ug/l 98
34) Benzene	6.14	78	160946	19.991	ug/l 99
35) Methacrylonitrile	5.04	41	43248	20.213	ug/l 96
36) 1,2-Dichloroethane	6.19	62	58396	19.990	ug/l 99
37) Trichloroethene	7.21	130	38198	19.710	ug/l 89
38) Methylcyclohexane	7.46	83	65548	20.317	ug/l 99
39) 1,2-Dichloropropane	7.51	63	44446	19.386	ug/l 98
40) Dibromomethane	7.66	93	26239	20.165	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	52285	19.671	ug/l	97
42) Vinyl Acetate	3.81	43	673231	99.742	ug/l	99
43) Ethyl Acetate	4.83	43	73233	19.817	ug/l	99
44) Isopropyl Acetate	6.44	43	115207	19.244	ug/l	99
45) 1,4-Dioxane	7.74	88	23319	396.743	ug/l	98
46) Methyl methacrylate	7.77	41	58023	19.418	ug/l	95
47) n-amyl Acetate	10.90	43	102244	18.959	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	58979	19.018	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	65421	19.216	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	39929	20.029	ug/l	98
51) Ethyl methacrylate	9.18	69	71597	19.434	ug/l	97
52) 1,3-Dichloropropane	9.37	76	69650	19.686	ug/l	100
53) Dibromochloromethane	9.58	129	38777	19.531	ug/l	99
54) 1,2-Dibromoethane	9.67	107	39910	19.519	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	184640	94.054	ug/l	100
56) Bromoform	10.85	173	28524	18.715	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	383683	98.728	ug/l	99
59) 2-Hexanone	9.49	43	295799	97.041	ug/l	100
61) Tetrachloroethene	9.34	164	35762	20.525	ug/l	99
62) Toluene	8.78	91	169975	20.126	ug/l	100
64) Chlorobenzene	10.13	112	100362	19.745	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	36568	19.649	ug/l	99
66) Ethyl Benzene	10.25	91	187231	19.900	ug/l	99
67) m/p-Xylenes	10.36	106	137809	40.118	ug/l	100
68) o-Xylene	10.69	106	67130	19.875	ug/l	100
69) Styrene	10.71	104	117497	19.816	ug/l	100
70) Isopropylbenzene	11.02	105	184200	20.278	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	65679	19.743	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	77000	26.859	ug/l	83
73) Bromobenzene	11.26	156	43750	19.493	ug/l	98
74) n-propylbenzene	11.36	91	211711	20.112	ug/l	100
75) 2-Chlorotoluene	11.42	91	125657	19.902	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	154337	20.058	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	20832	18.015	ug/l	97
78) 4-Chlorotoluene	11.51	91	142748	19.906	ug/l	99
79) tert-butylbenzene	11.77	119	147821	19.872	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	154497	20.033	ug/l	98
81) sec-Butylbenzene	11.94	105	179867	20.352	ug/l	99
82) p-Isopropyltoluene	12.06	119	160805	20.003	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	78670	19.628	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	78956	19.772	ug/l	98
85) n-Butylbenzene	12.38	91	145750	19.813	ug/l	98
86) Hexachloroethane	12.60	117	25970	18.984	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	79076	19.599	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14815	19.164	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	56728	19.726	ug/l	99
90) Hexachlorobutadiene	13.78	225	28633	19.933	ug/l	99
91) Naphthalene	13.83	128	190847	20.269	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	60143	20.574	ug/l	100

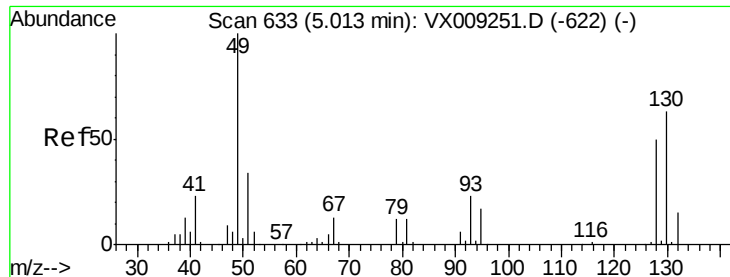
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

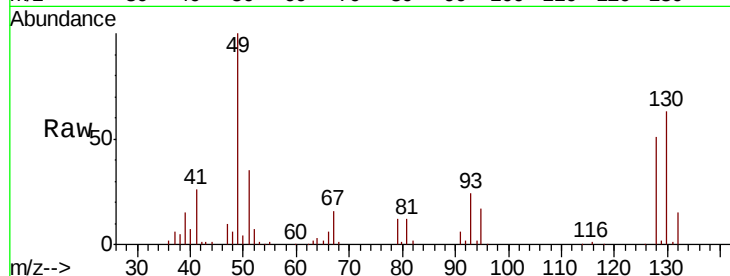
Tot Ion:128 Resp: 30383

Ion Ratio Lower Upper

128 100

49 201.9 0.0 515.0

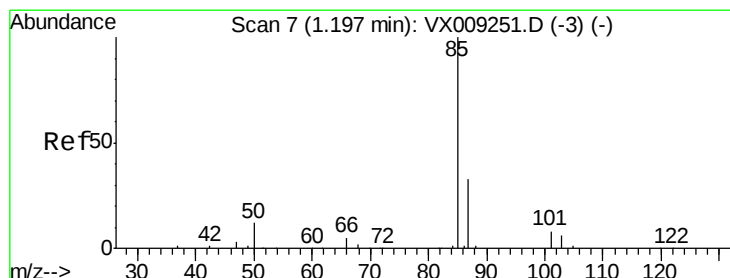
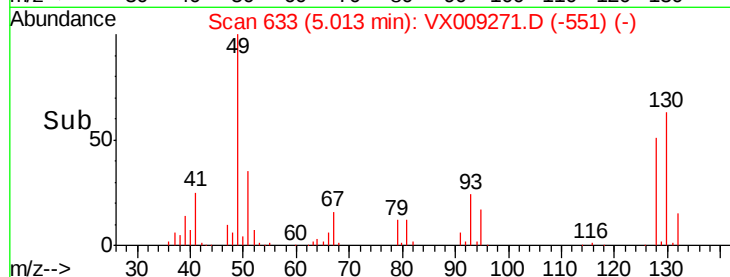
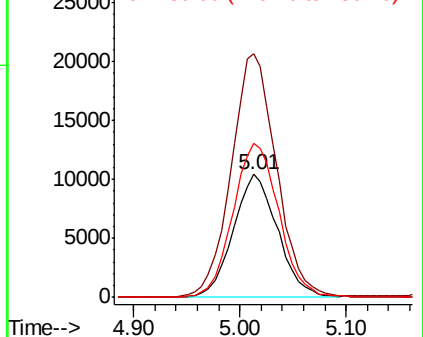
130 130.0 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.061 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009271.D

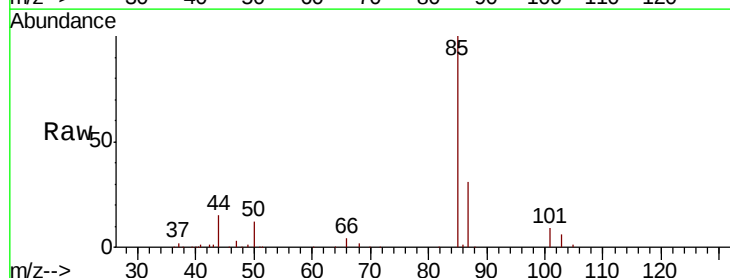
Acq: 02 May 2019 12:42

Tgt Ion: 85 Resp: 32388

Ion Ratio Lower Upper

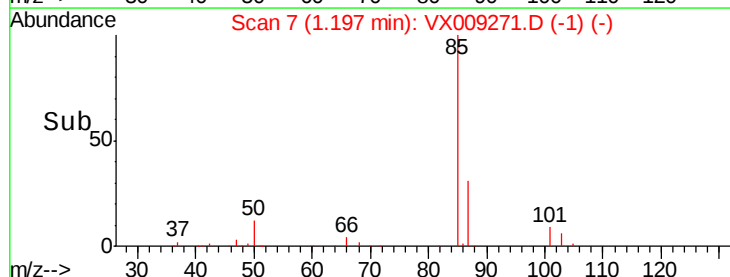
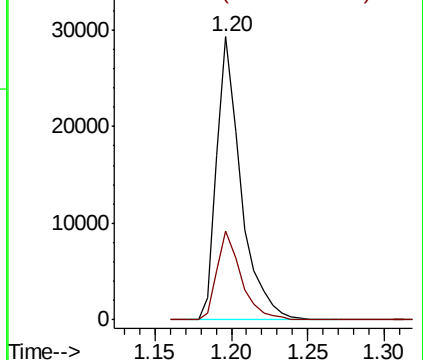
85 100

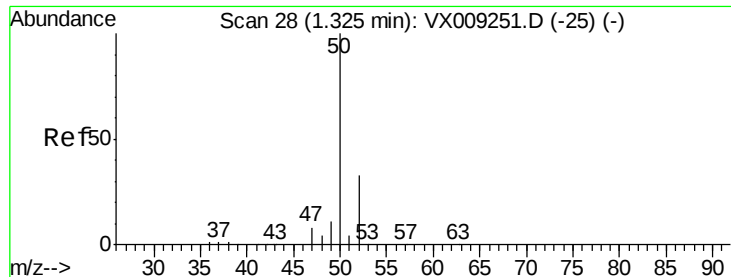
87 31.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.247 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

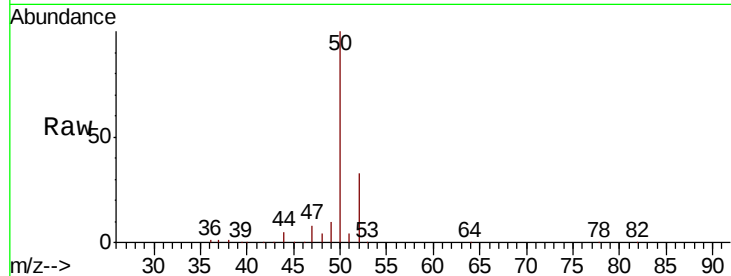
VSTDCCC020EC

Tot Ion: 50 Resp: 43938

Ion Ratio Lower Upper

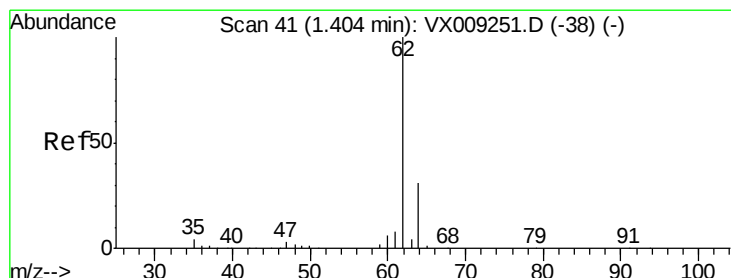
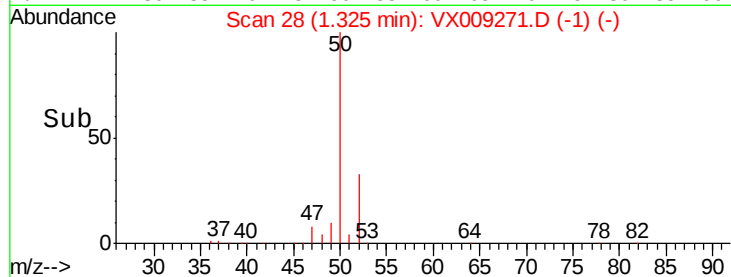
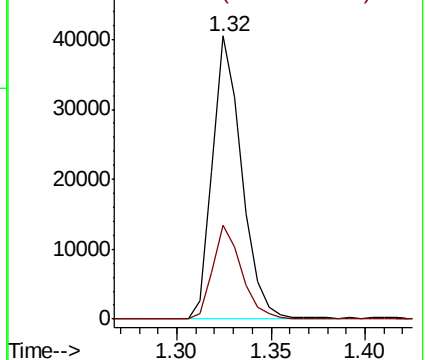
50 100

52 33.3 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.578 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009271.D

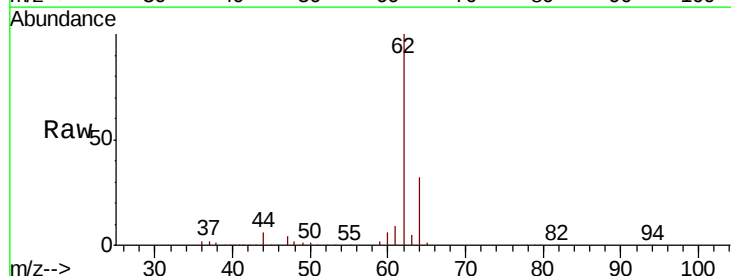
Acq: 02 May 2019 12:42

Tgt Ion: 62 Resp: 42385

Ion Ratio Lower Upper

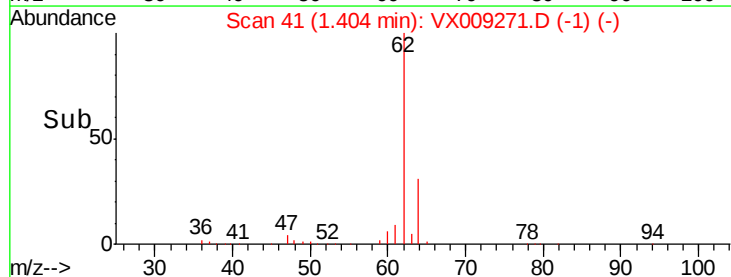
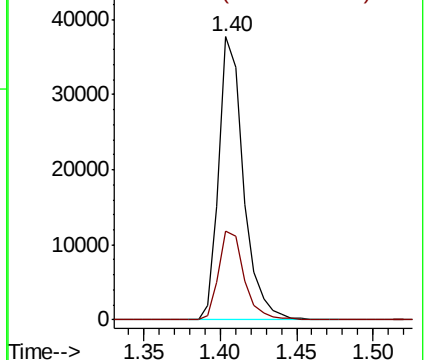
62 100

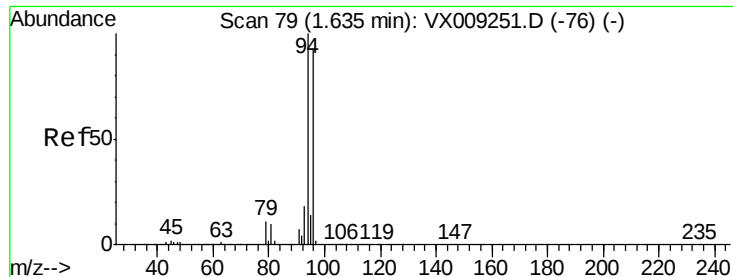
64 31.5 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.667 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

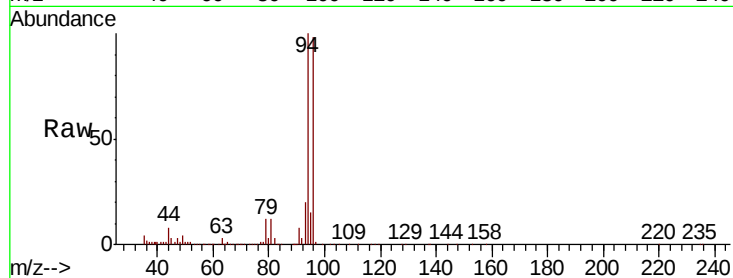
VSTDCCC020EC

Tot Ion: 94 Resp: 25617

Ion Ratio Lower Upper

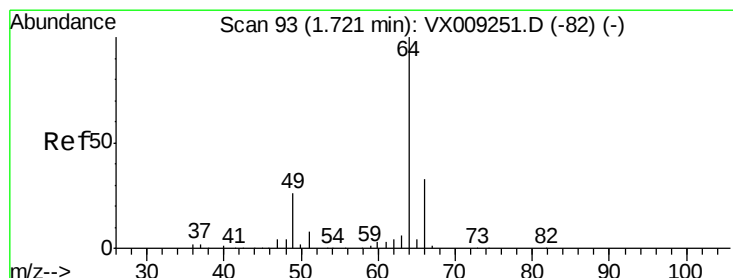
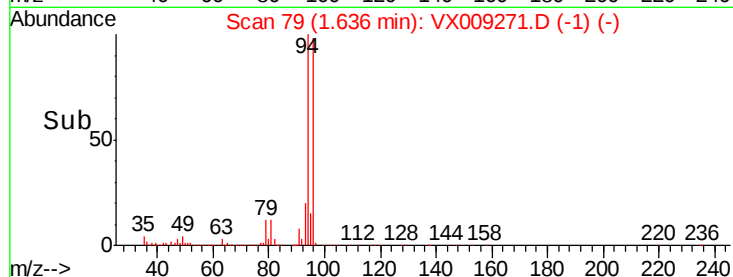
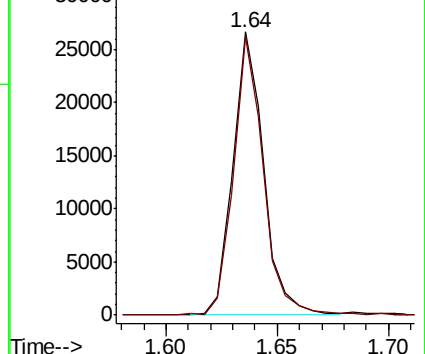
94 100

96 98.0 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.779 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009271.D

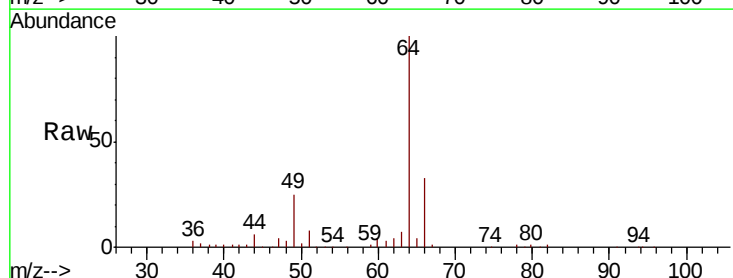
Acq: 02 May 2019 12:42

Tgt Ion: 64 Resp: 26661

Ion Ratio Lower Upper

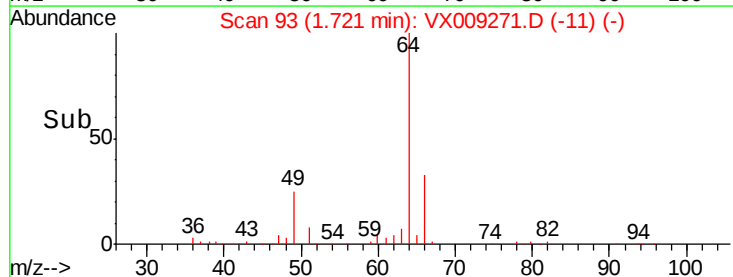
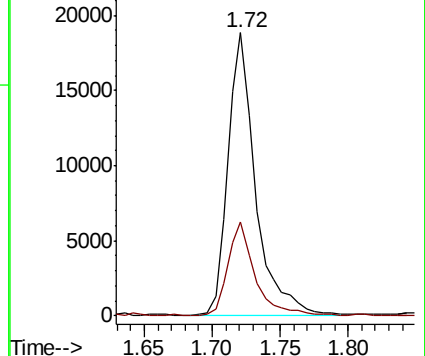
64 100

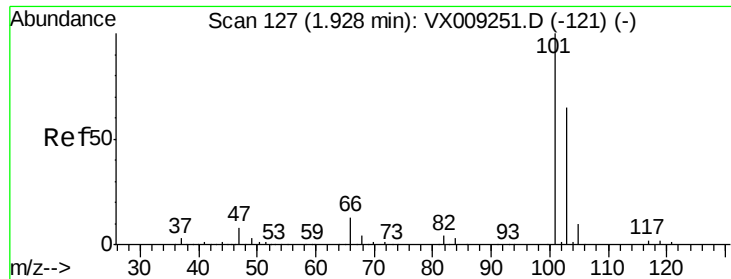
66 32.8 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



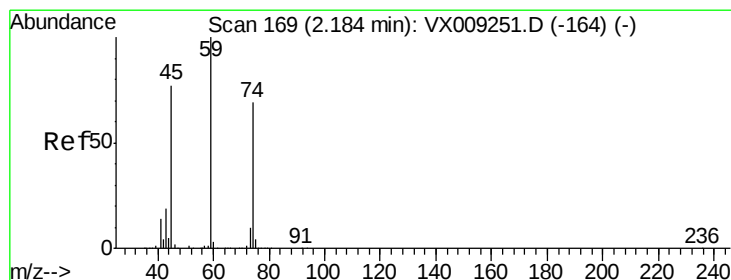
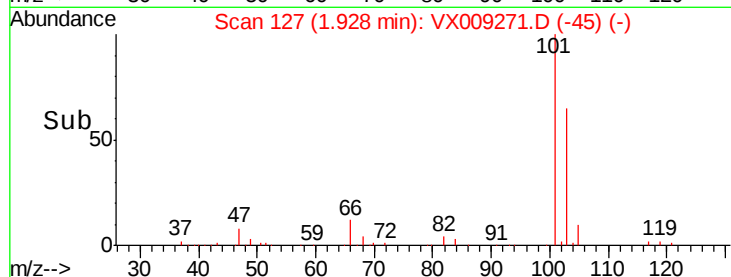
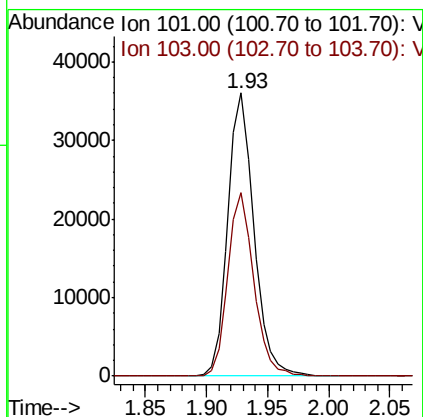
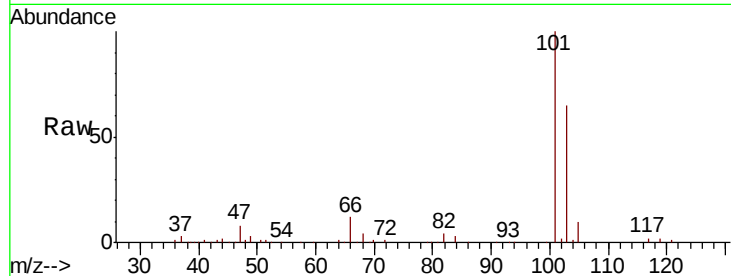


#7

Trichlorofluoromethane
 Concen: 19.941 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Instrument :
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 VSTDCCC020EC

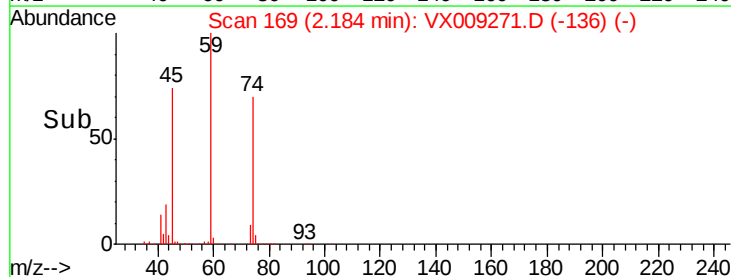
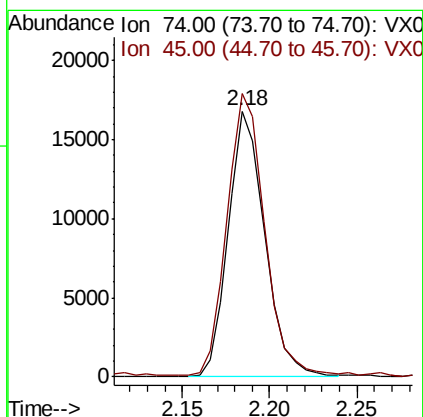
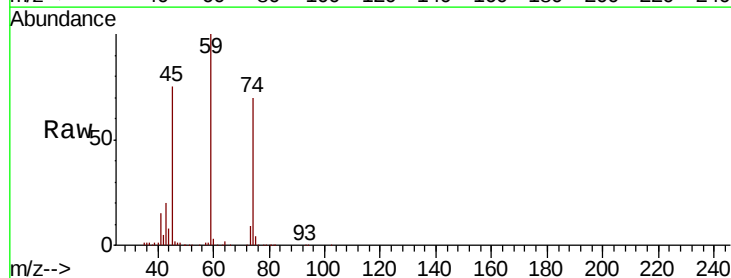
Tot Ion:101 Resp: 53308
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.9 77.9

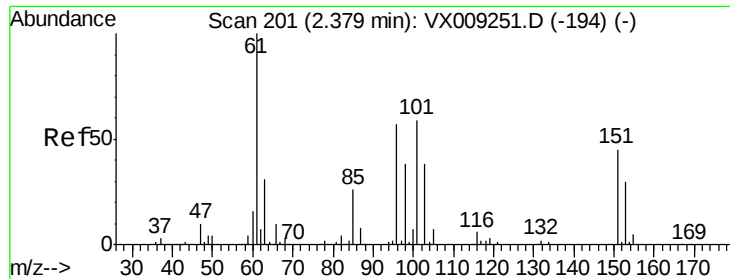


#8

Diethyl Ether
 Concen: 19.513 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 74 Resp: 24221
 Ion Ratio Lower Upper
 74 100
 45 109.9 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.313 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

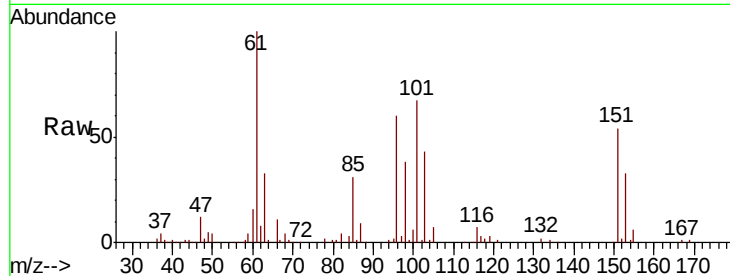
Tot Ion:101 Resp: 33620

Ion Ratio Lower Upper

101 100

85 44.5 0.0 87.4

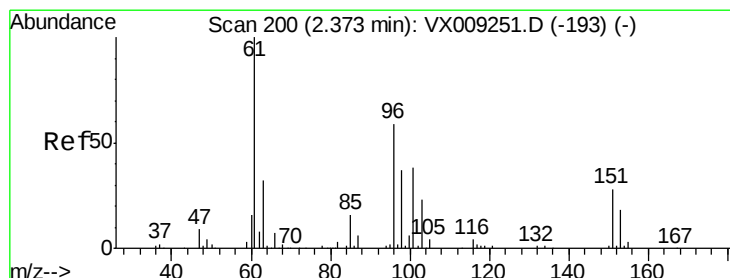
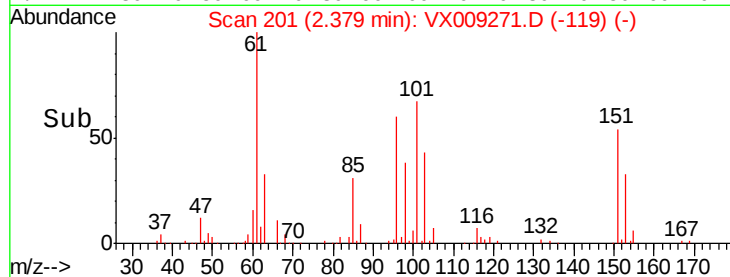
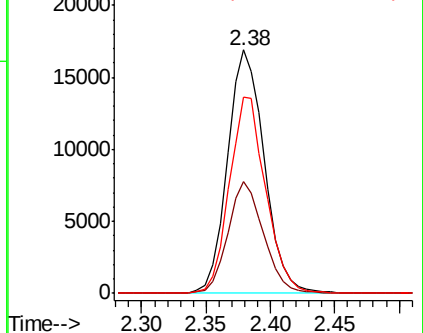
151 79.6 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.024 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

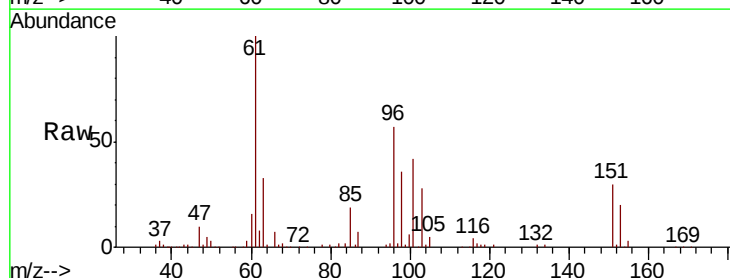
Tgt Ion: 96 Resp: 33277

Ion Ratio Lower Upper

96 100

61 175.6 136.5 204.7

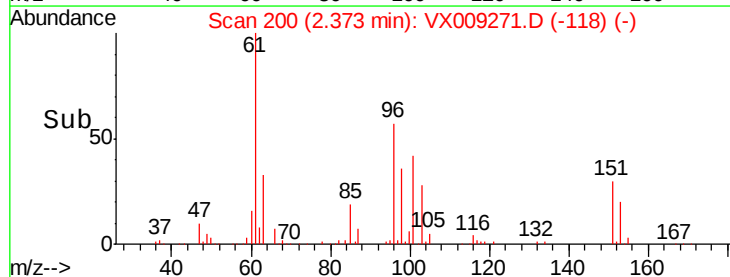
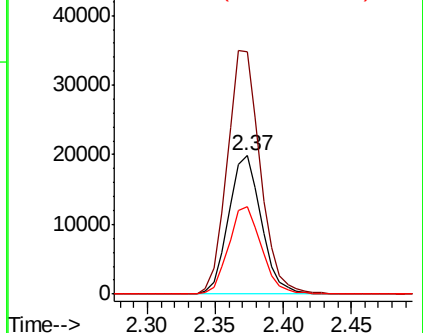
98 63.5 51.0 76.4

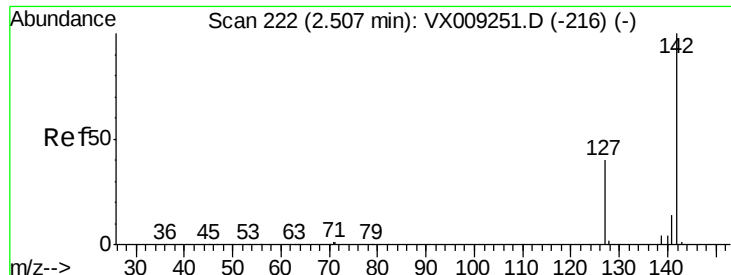


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

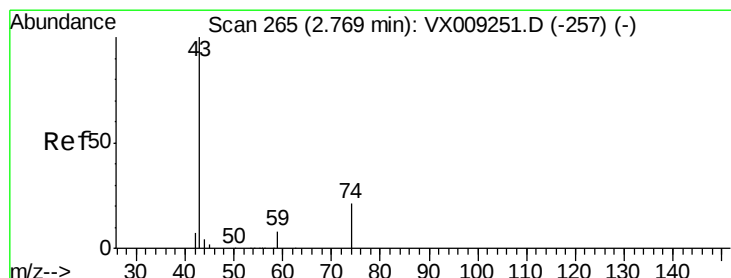
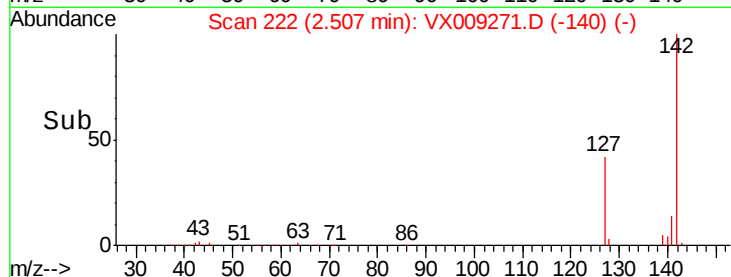
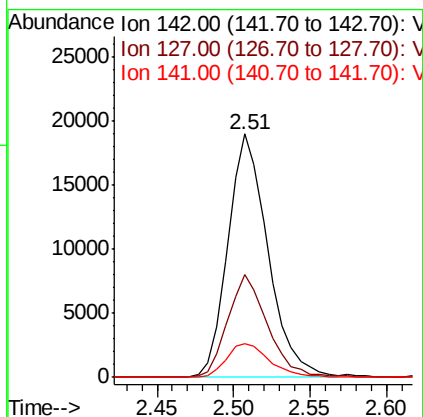
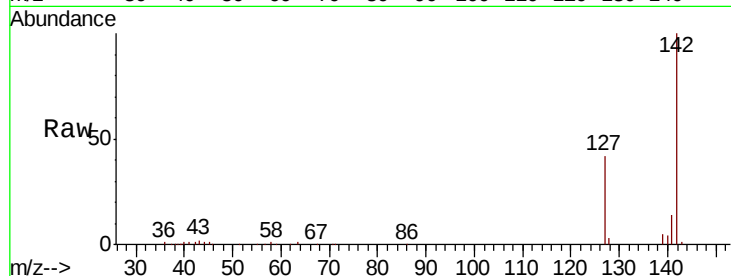




#11
Methvl Iodide
Concen: 19.045 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

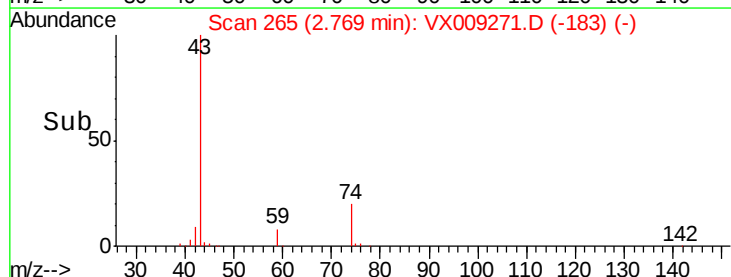
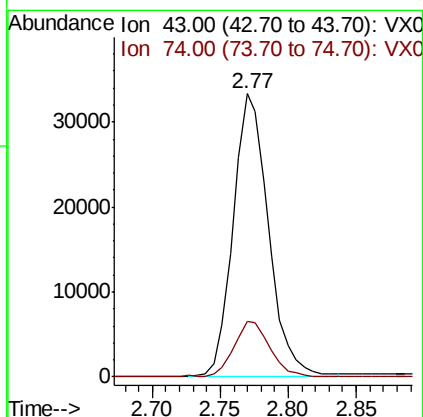
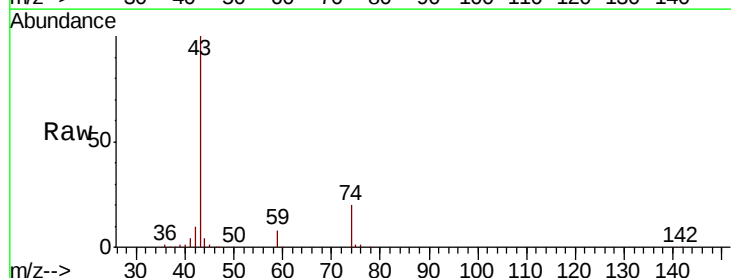
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

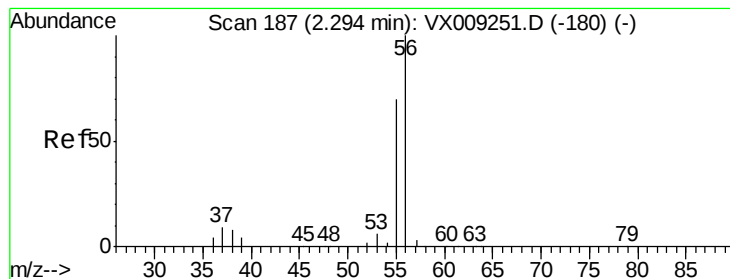
Tot Ion:142 Resp: 34406
Ion Ratio Lower Upper
142 100
127 42.0 20.2 60.5
141 13.7 6.9 20.7



#12
Methyl Acetate
Concen: 19.193 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 43 Resp: 60077
Ion Ratio Lower Upper
43 100
74 19.6 16.5 24.7





#13

Acrolein

Concen: 88.479 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

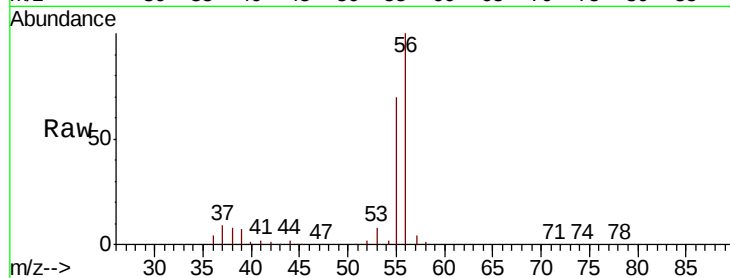
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 56 Resp: 37986

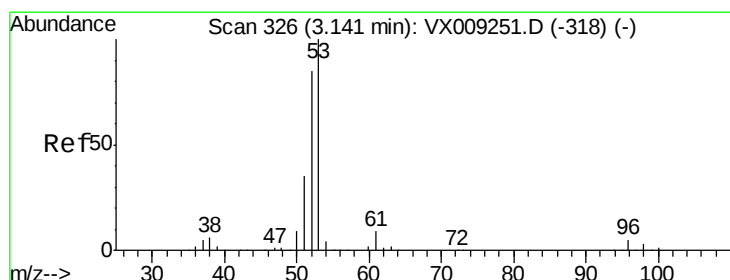
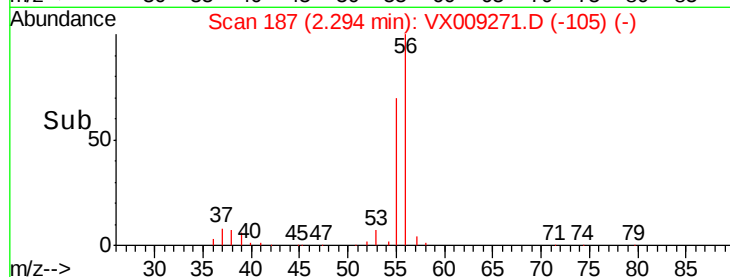
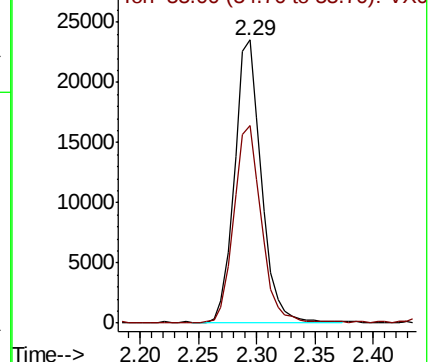
Ion Ratio Lower Upper

56 100

55 71.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 98.124 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

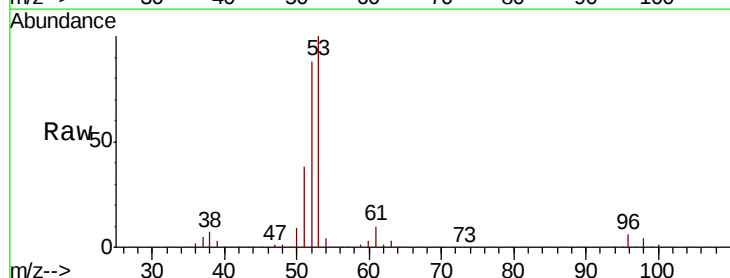
Tgt Ion: 53 Resp: 133295

Ion Ratio Lower Upper

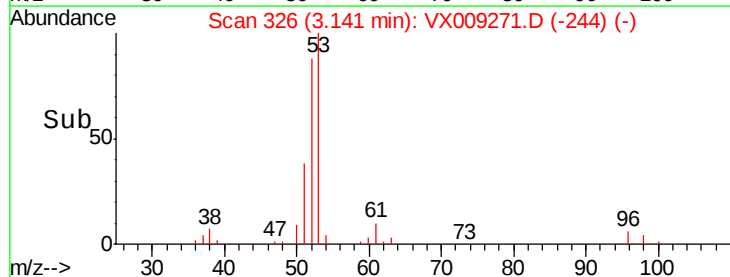
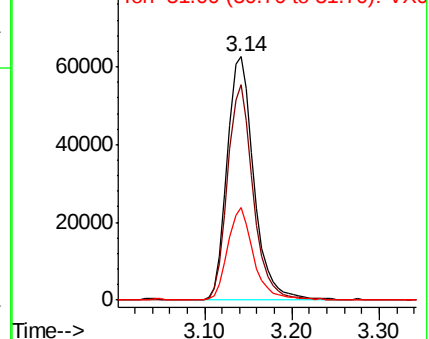
53 100

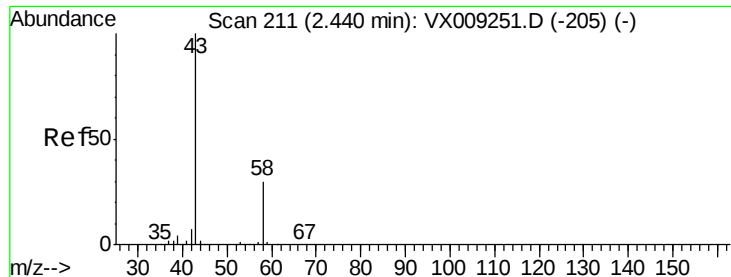
52 84.3 41.5 124.5

51 36.8 17.8 53.3



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 92.299 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

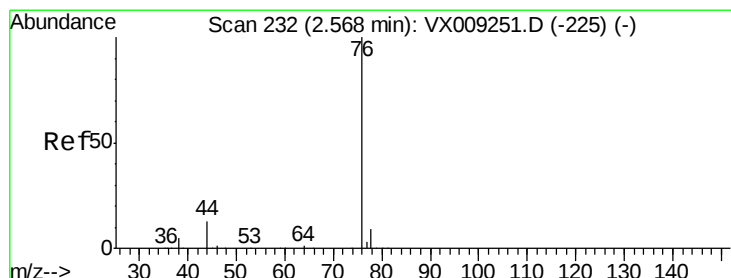
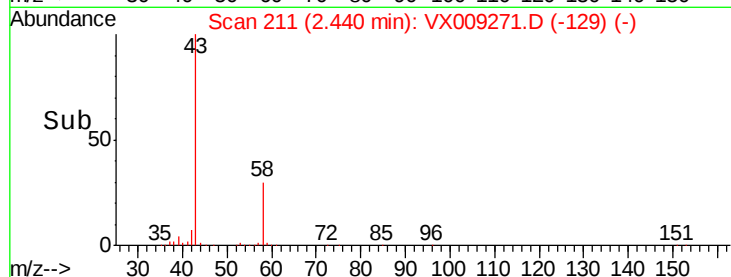
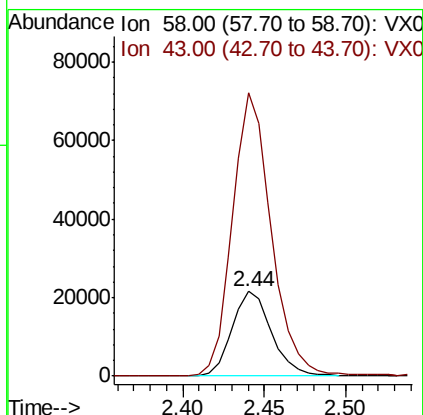
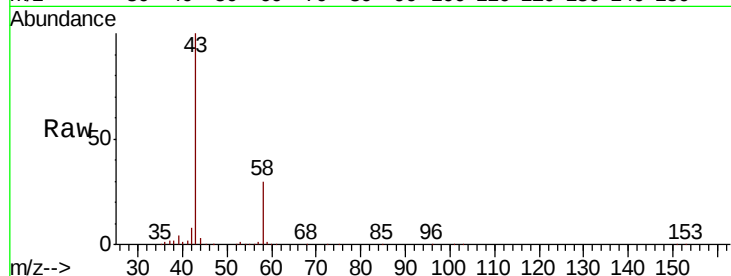
VSTDCCC020EC

Tot Ion: 58 Resp: 35999

Ion Ratio Lower Upper

58 100

43 335.4 264.0 396.0



#16

Carbon Disulfide

Concen: 19.704 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009271.D

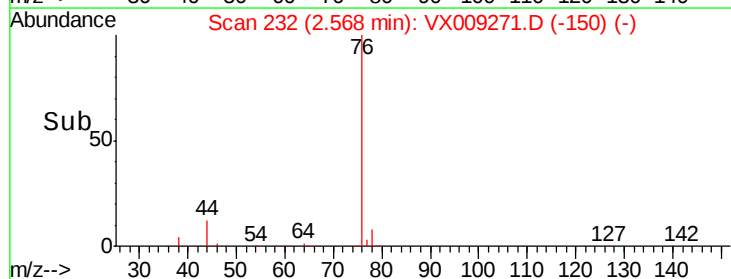
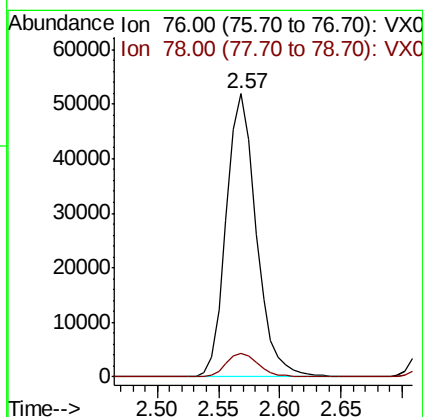
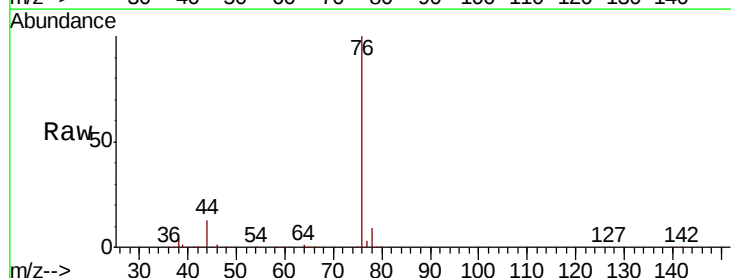
Acq: 02 May 2019 12:42

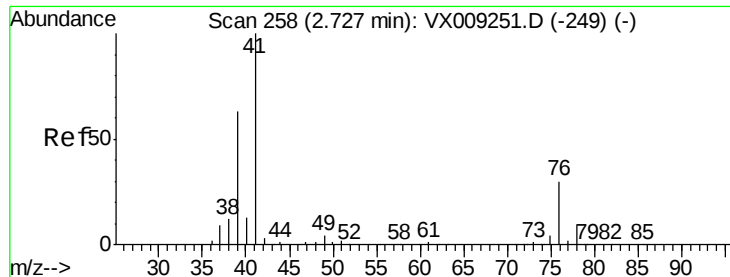
Tgt Ion: 76 Resp: 88597

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2

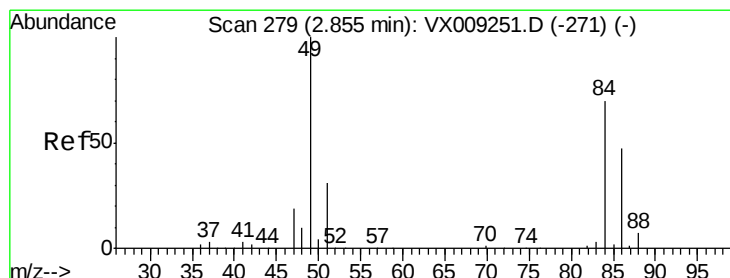
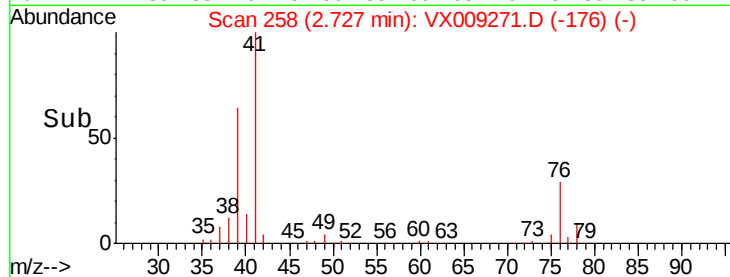
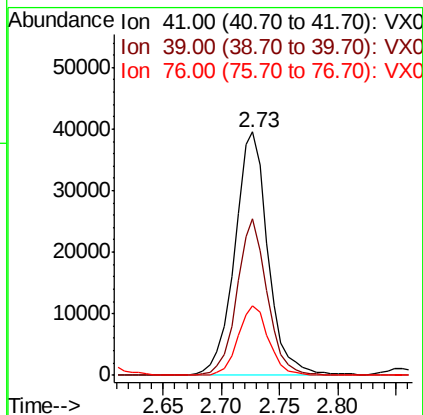
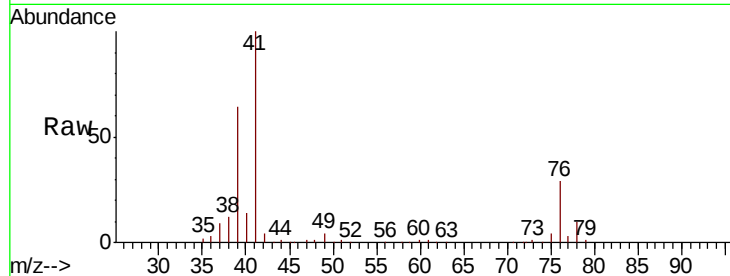




#17
Allvl chloride
Concen: 19.516 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

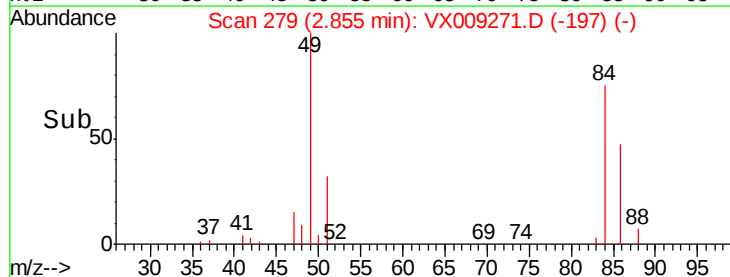
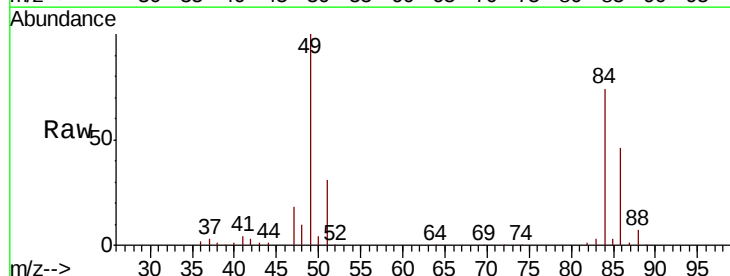
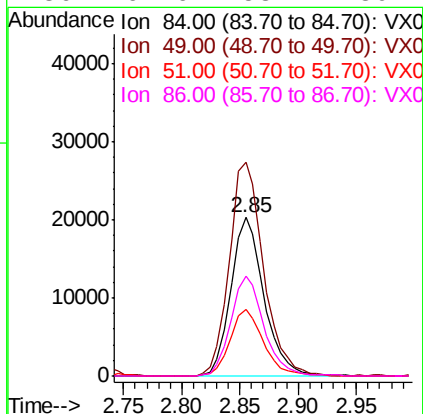
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

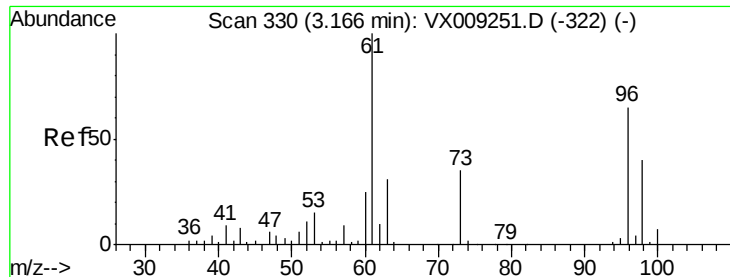
Tot Ion: 41 Resp: 77865
Ion Ratio Lower Upper
41 100
39 64.4 31.6 94.7
76 28.7 15.1 45.3



#18
Methylene Chloride
Concen: 20.065 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 84 Resp: 40299
Ion Ratio Lower Upper
84 100
49 134.7 114.6 171.8
51 42.3 35.5 53.3
86 62.6 53.4 80.2

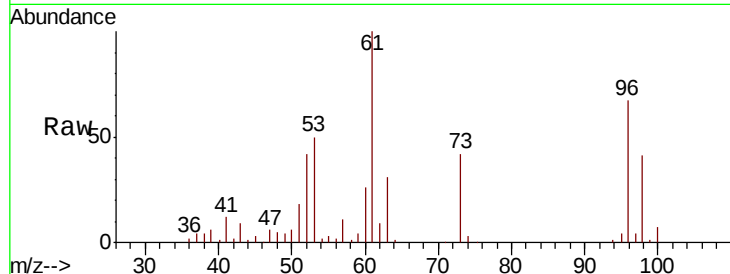




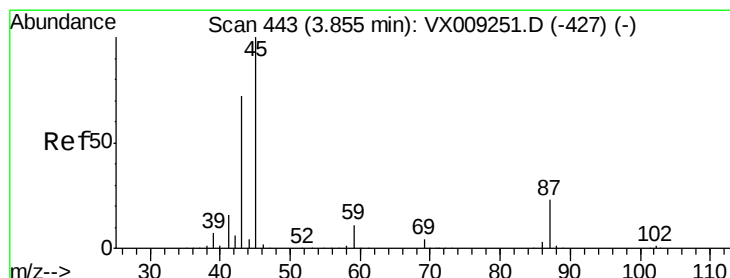
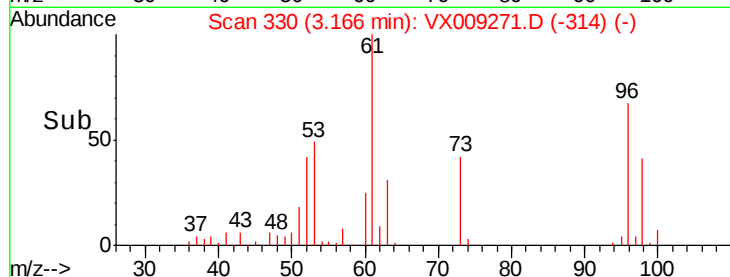
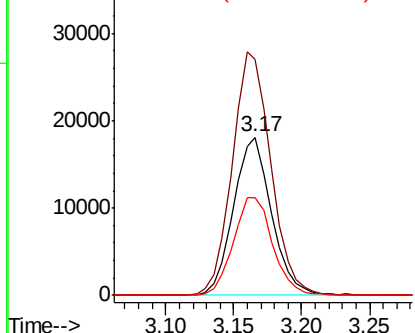
#19
trans-1,2-Dichloroethene
Concen: 19.884 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 35233
Ion Ratio Lower Upper
96 100
61 149.5 122.7 184.1
98 61.7 49.5 74.3

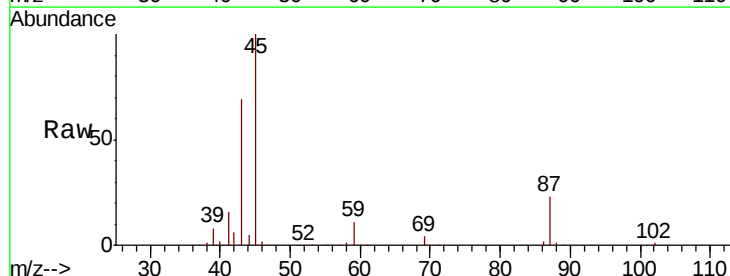


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

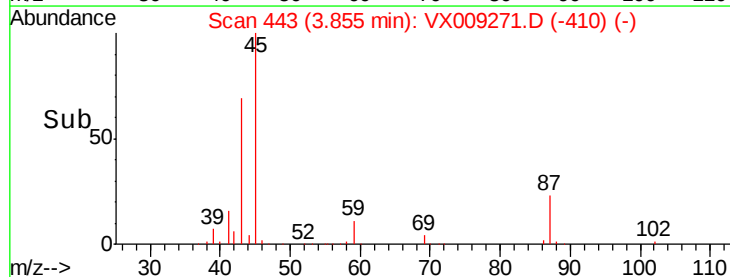
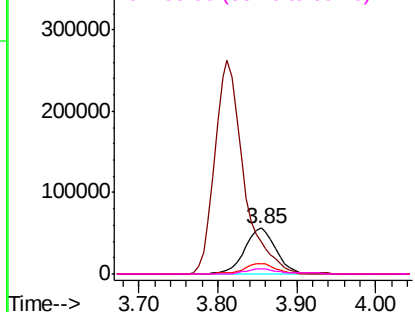


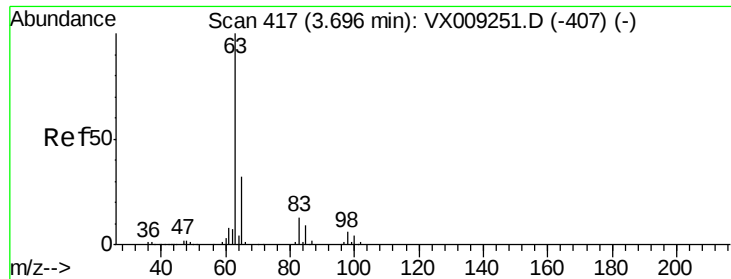
#20
Diisopropyl ether
Concen: 19.617 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 45 Resp: 154130
Ion Ratio Lower Upper
45 100
43 68.1 57.7 86.5
87 22.7 18.5 27.7
59 10.9 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

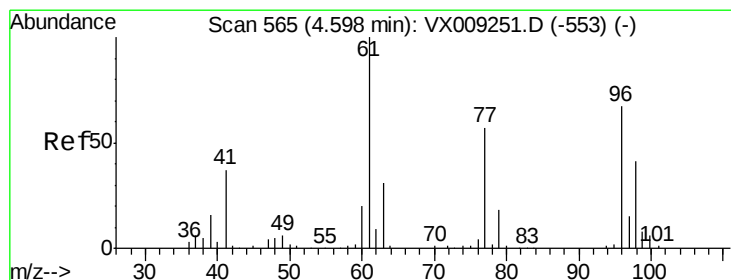
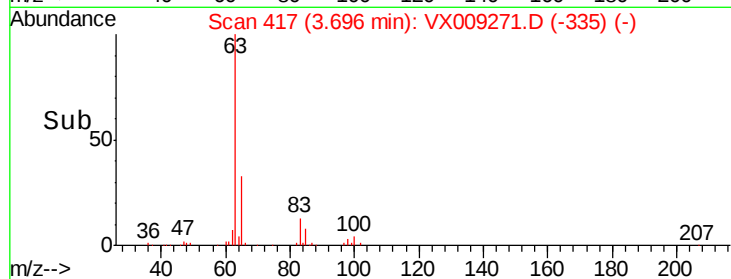
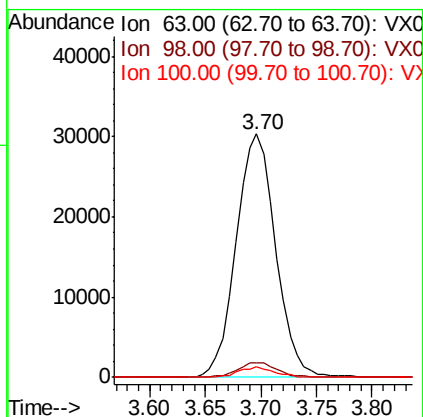
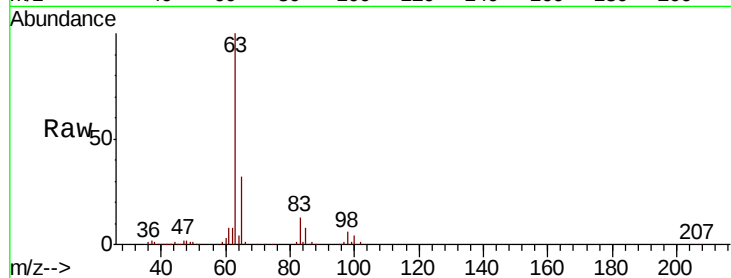




#21
 1,1-Dichloroethane
 Concen: 19.620 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

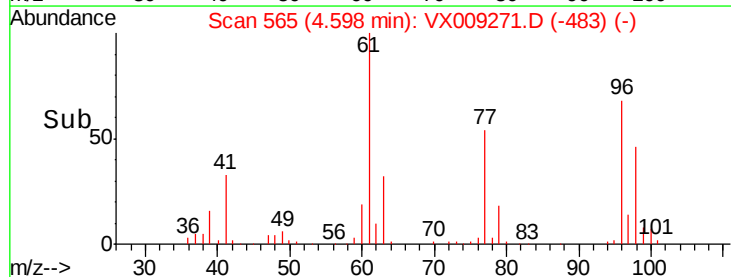
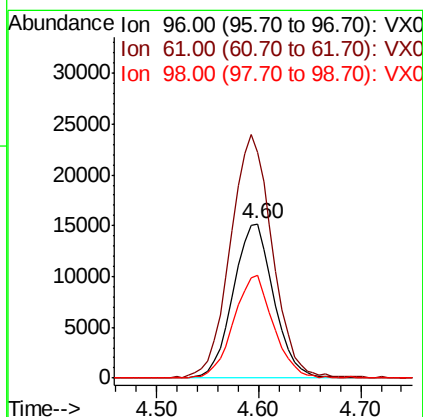
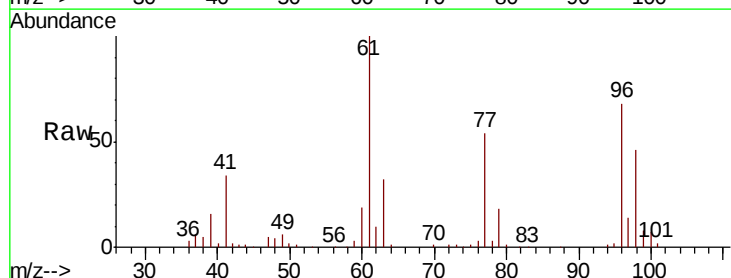
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

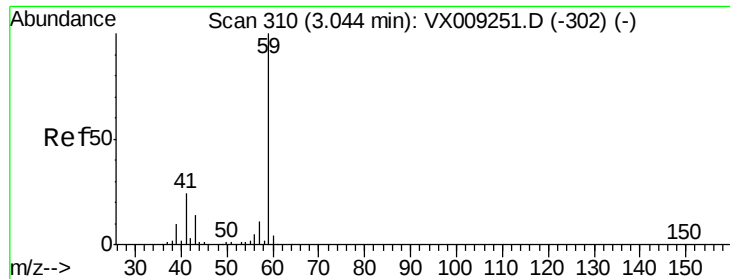
Tot Ion:	63	Resp:	74599
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.1	9.3
100	4.4	2.2	6.6



#22
 cis-1,2-Dichloroethene
 Concen: 19.668 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion:	96	Resp:	41978
Ion	Ratio	Lower	Upper
96	100		
61	162.4	127.7	191.5
98	65.1	50.5	75.7





#23

tert-Butyl Alcohol

Concen: 94.724 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

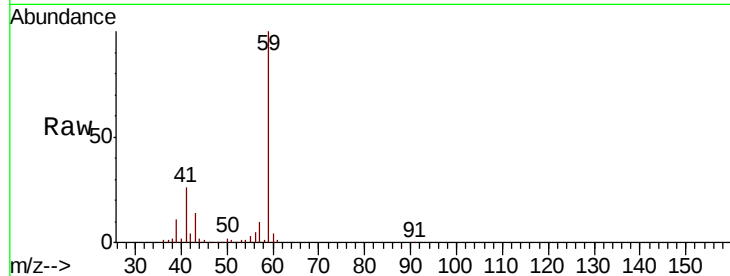
VSTDCCC020EC

Tot Ion: 59 Resp: 54410

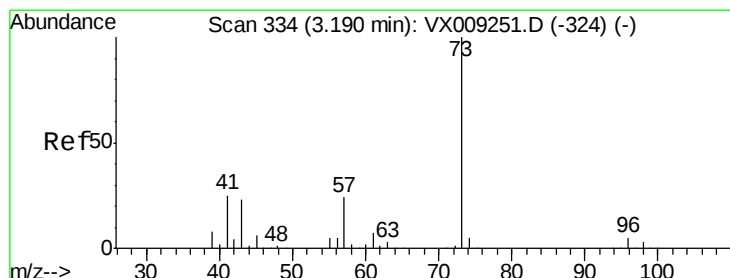
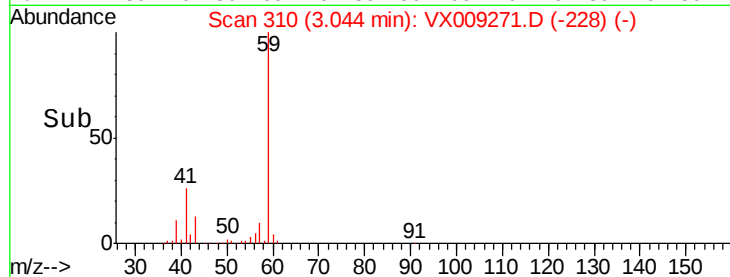
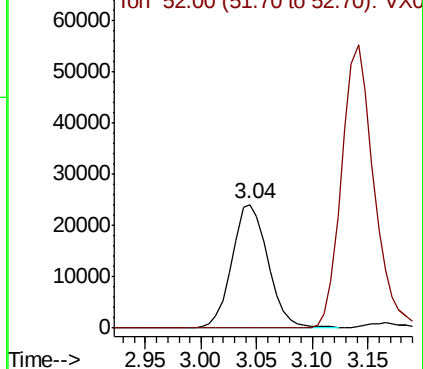
Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.650 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.00 min

Lab File: VX009271.D

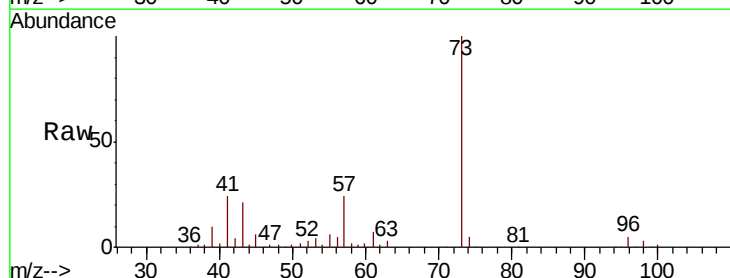
Acq: 02 May 2019 12:42

Tgt Ion: 73 Resp: 127798

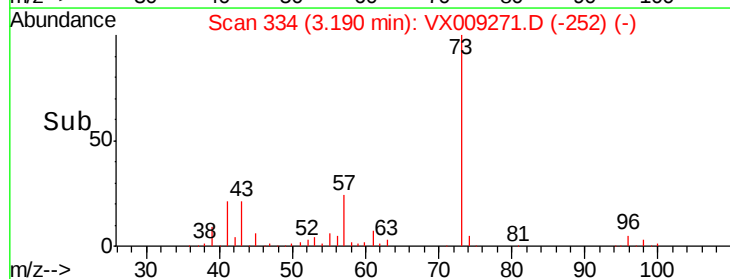
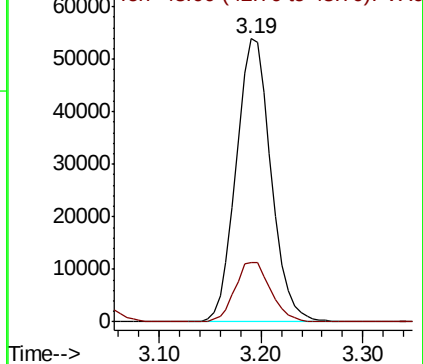
Ion Ratio Lower Upper

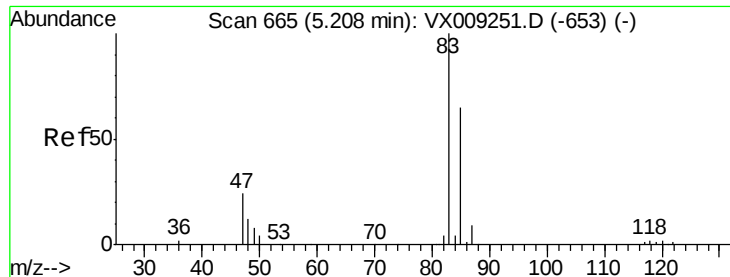
73 100

43 21.3 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

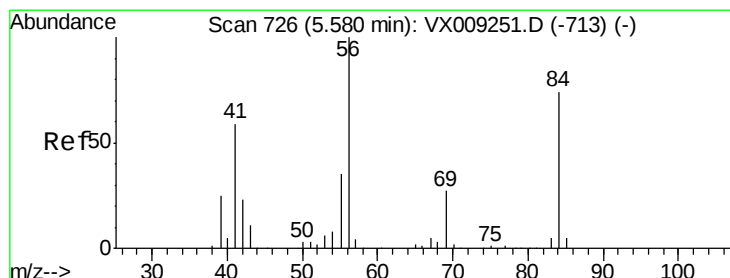
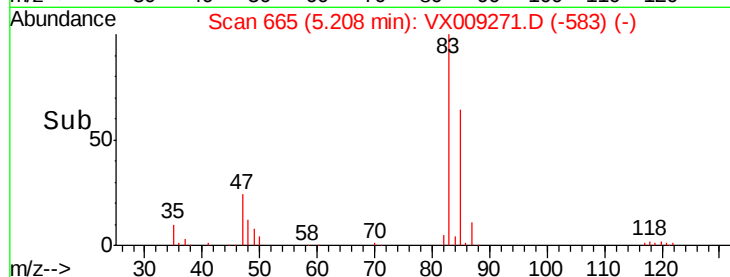
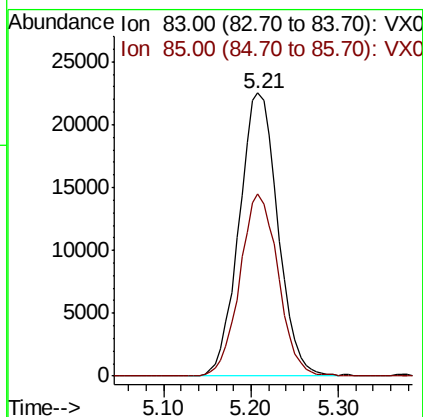
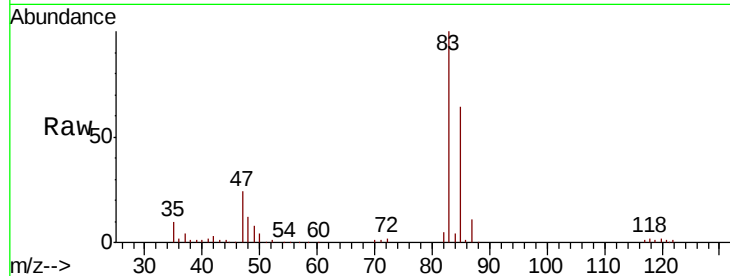




#25
Chloroform
Concen: 19.949 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

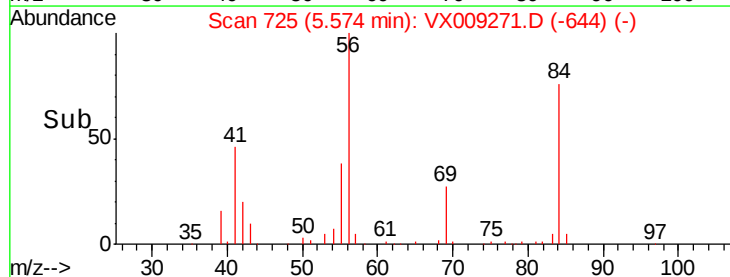
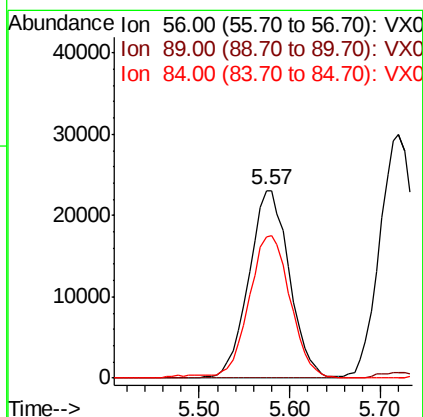
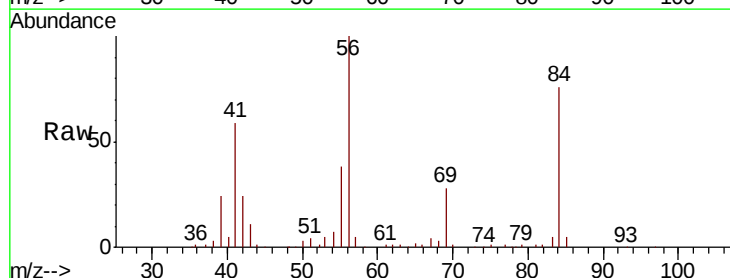
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

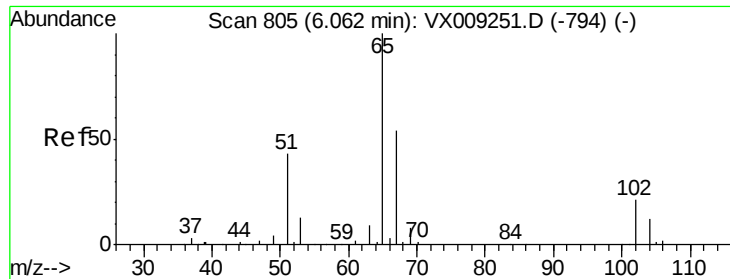
Tot Ion: 83 Resp: 69221
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9



#26
Cyclohexane
Concen: 20.108 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 56 Resp: 71257
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.2 59.7 89.5

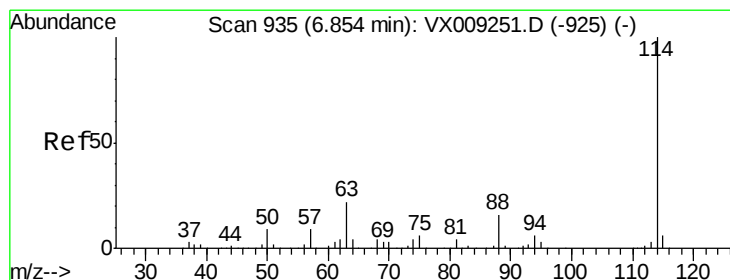
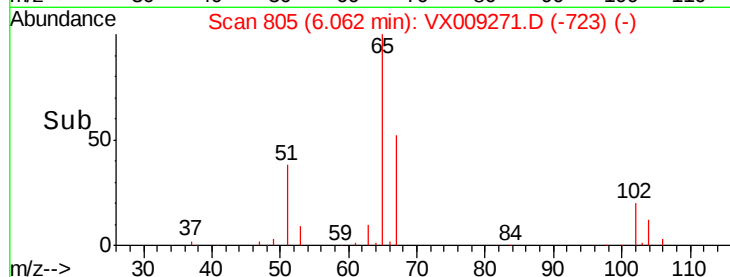
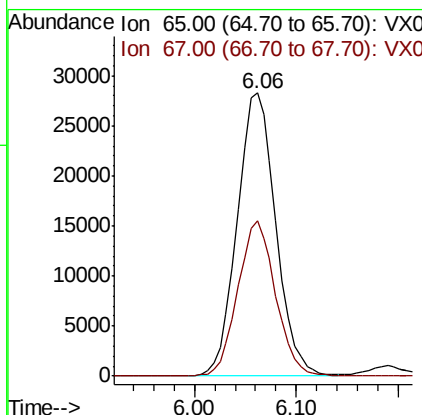
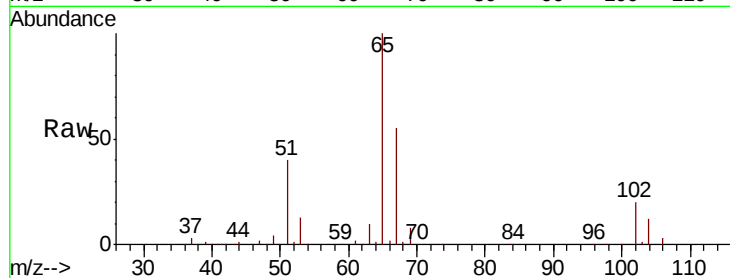




#27
 1,2-Dichloroethane-d4
 Concen: 29.582 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

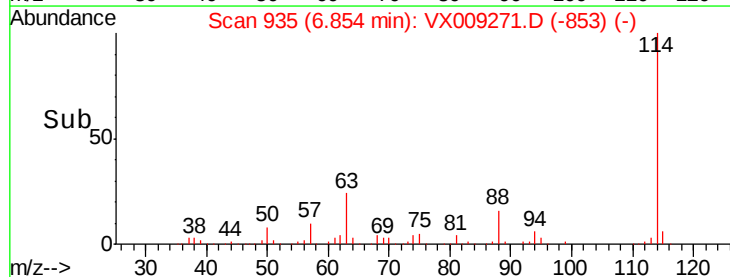
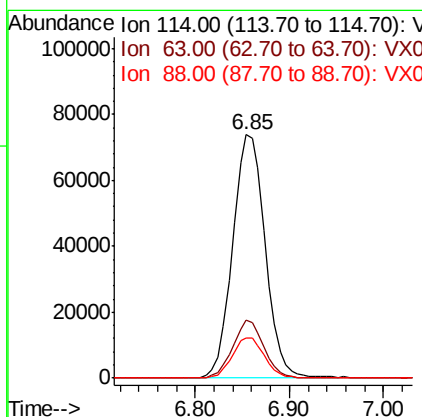
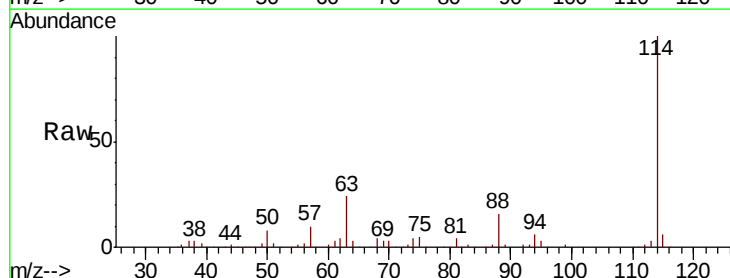
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

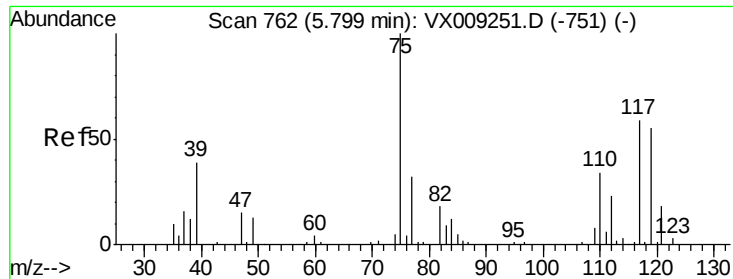
Tot Ion: 65 Resp: 74558
 Ion Ratio Lower Upper
 65 100
 67 53.5 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 114 Resp: 177968
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.0 27.0
 88 16.3 13.4 20.0

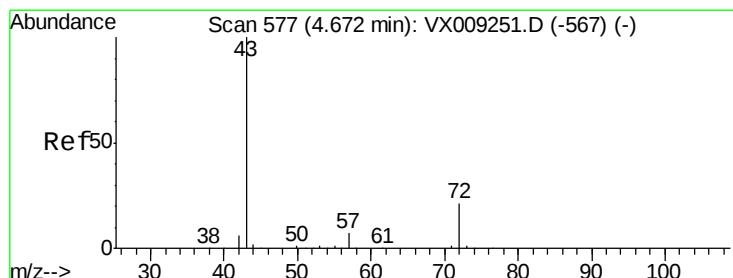
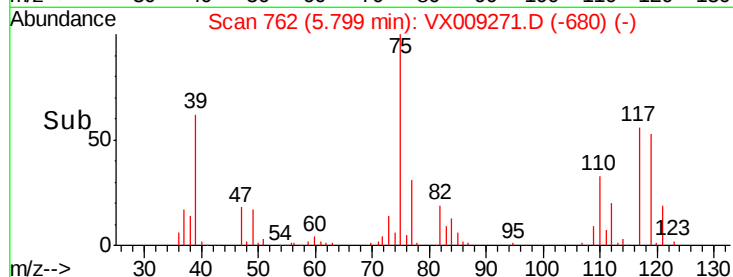
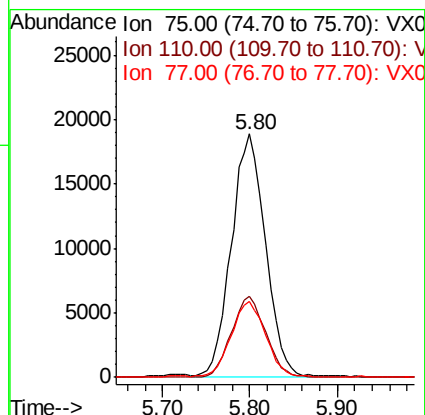
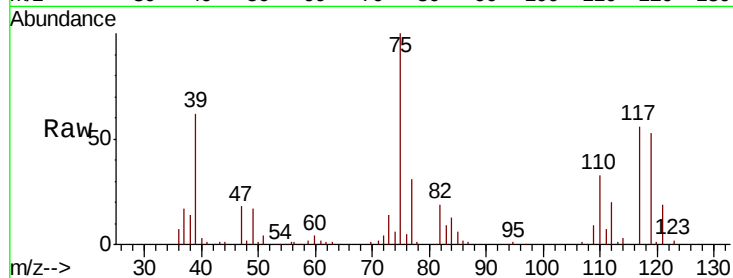




#29
 1,1-Dichloropropene
 Concen: 19.754 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

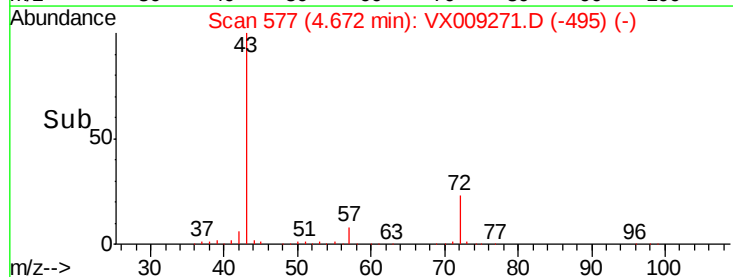
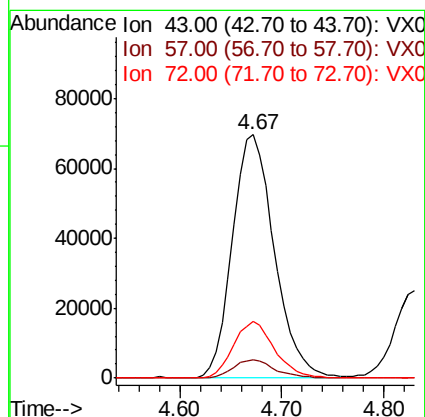
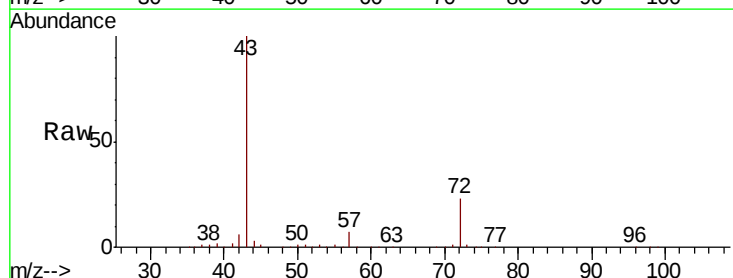
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

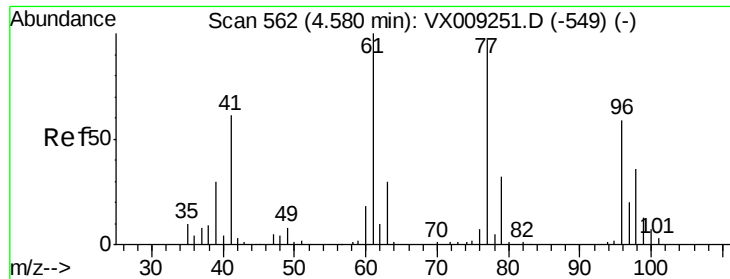
Tot Ion: 75 Resp: 51585
 Ion Ratio Lower Upper
 75 100
 110 33.2 0.0 66.4
 77 31.5 0.0 62.2



#30
 2-Butanone
 Concen: 96.707 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 43 Resp: 197775
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.0 9.0
 72 22.9 18.2 27.4

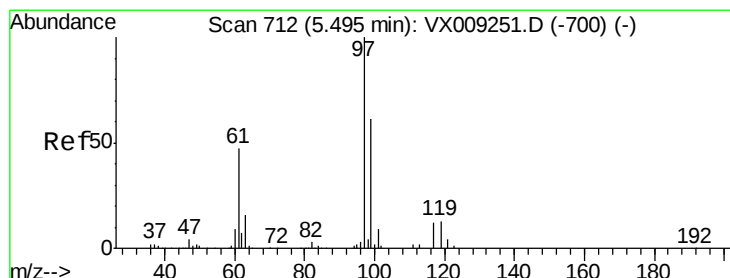
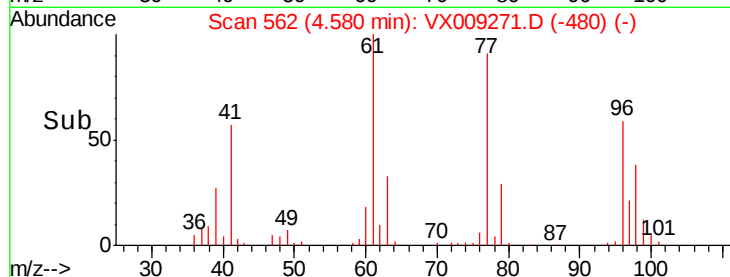
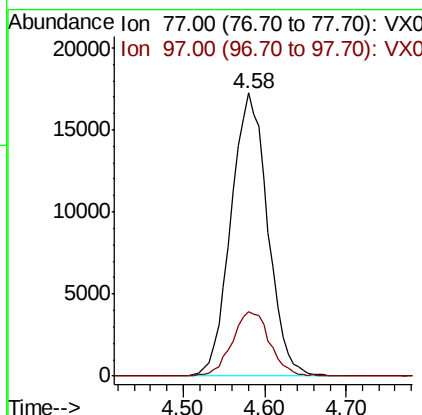
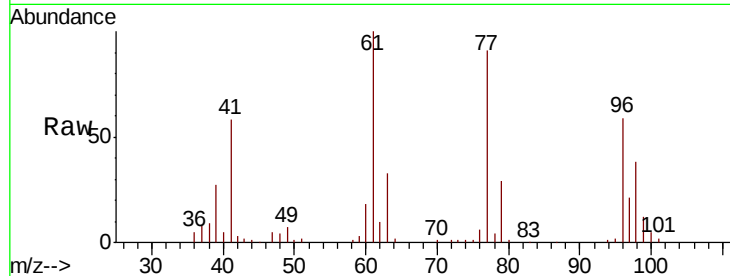




#31
 2,2-Dichloropropane
 Concen: 18.689 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

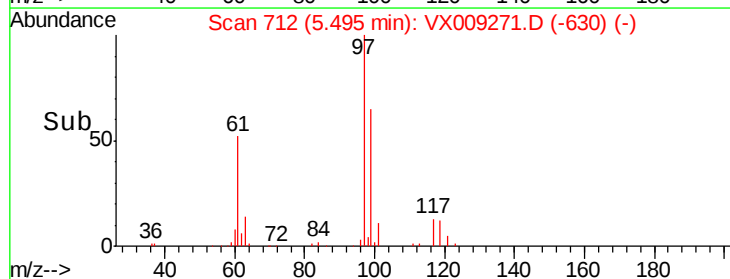
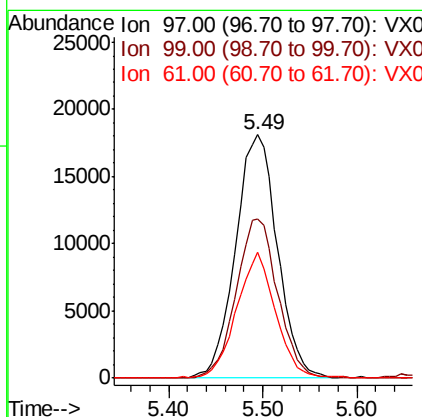
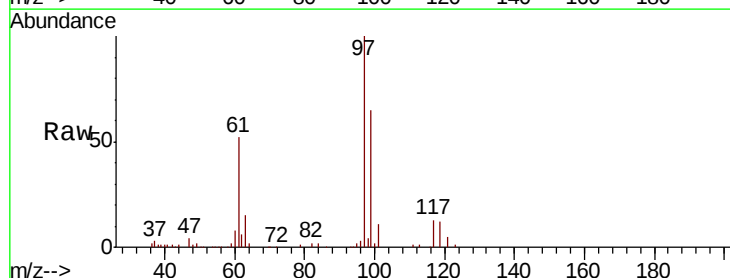
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

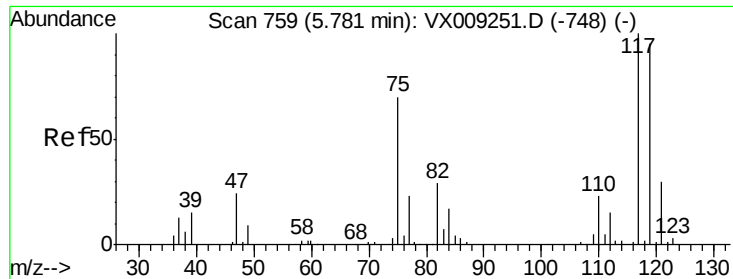
Tot Ion: 77 Resp: 53804
 Ion Ratio Lower Upper
 77 100
 97 23.3 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 19.910 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 97 Resp: 56363
 Ion Ratio Lower Upper
 97 100
 99 64.9 53.9 80.9
 61 48.1 38.6 58.0

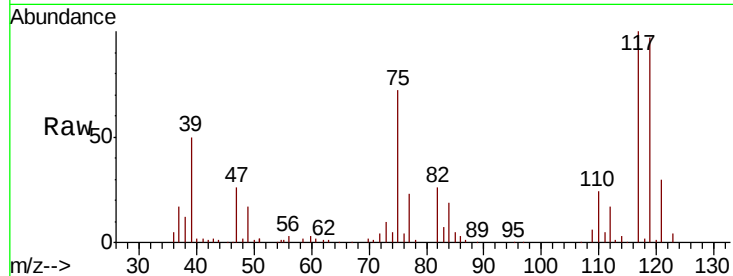




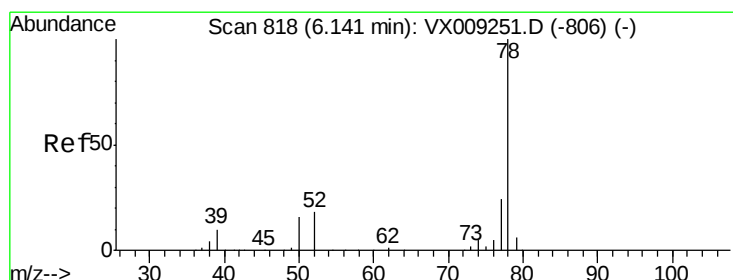
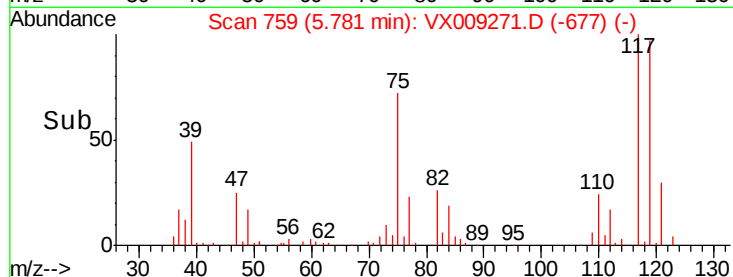
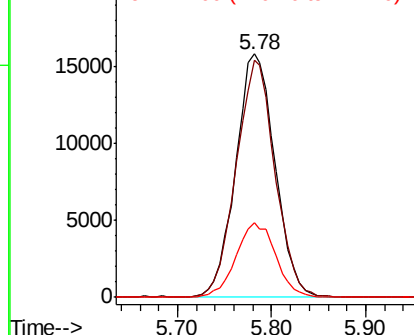
#33
Carbon Tetrachloride
Concen: 19.540 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 46282
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1
121 30.4 24.4 36.6

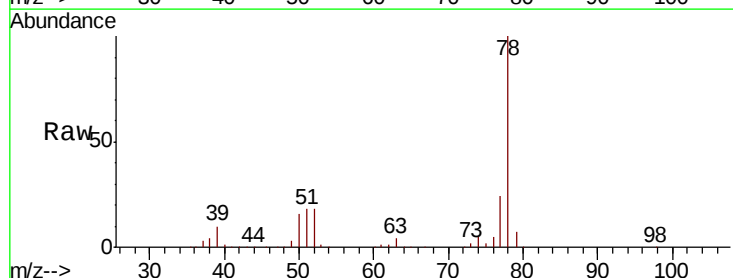


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

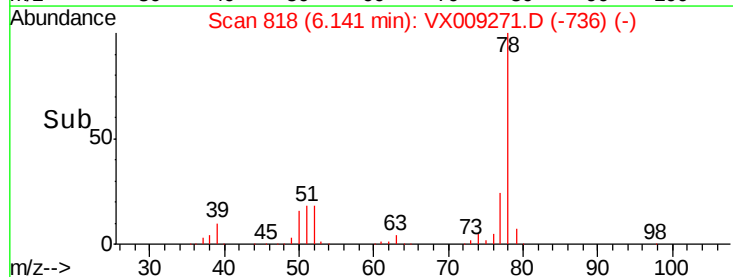
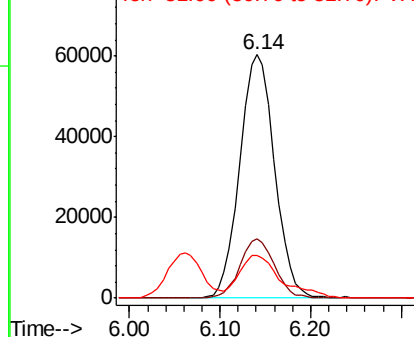


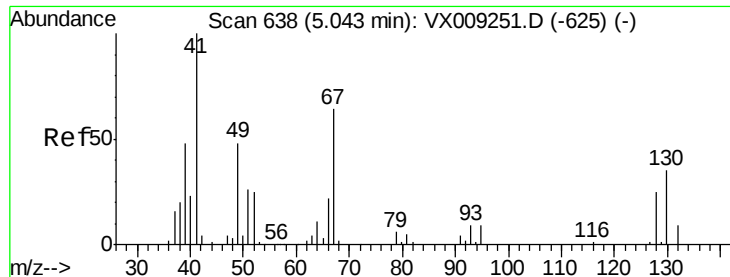
#34
Benzene
Concen: 19.991 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 78 Resp: 160946
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2
51 17.3 13.5 20.3



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

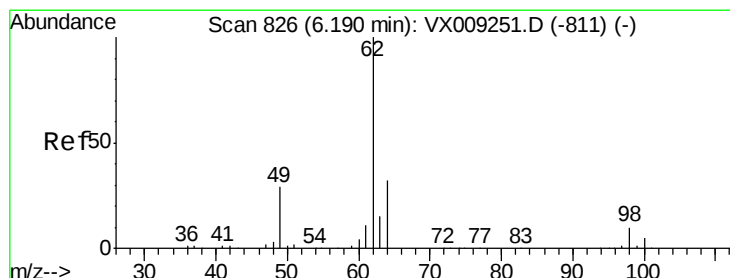
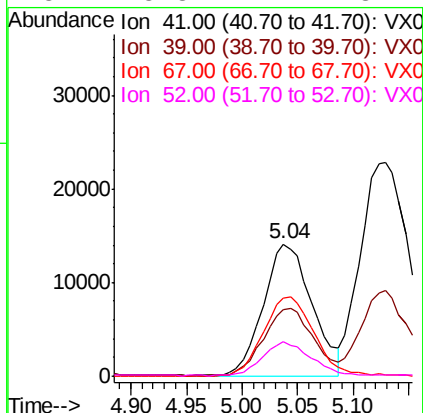
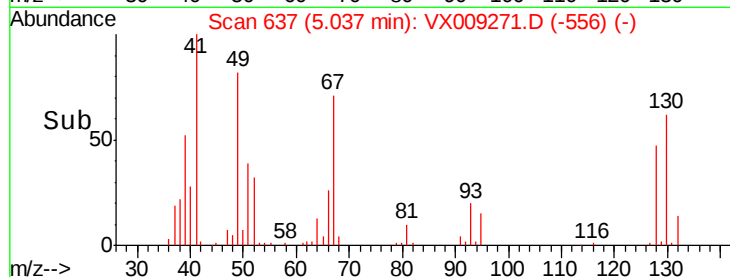
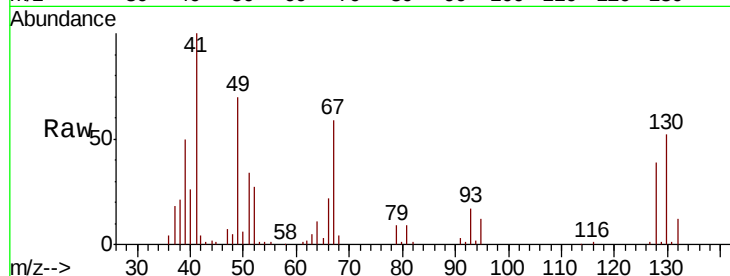




#35
Methacrylonitrile
Concen: 20.213 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

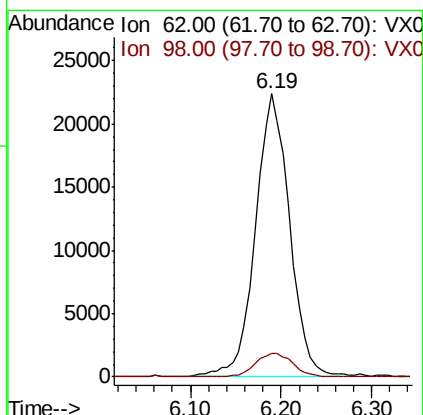
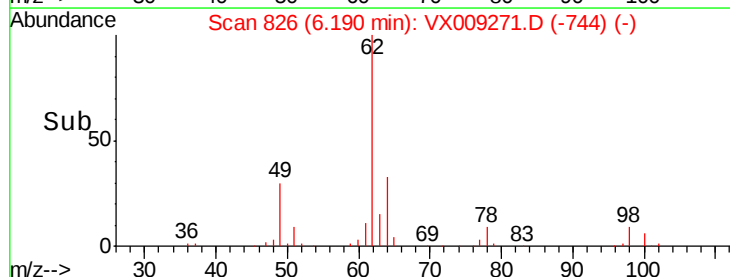
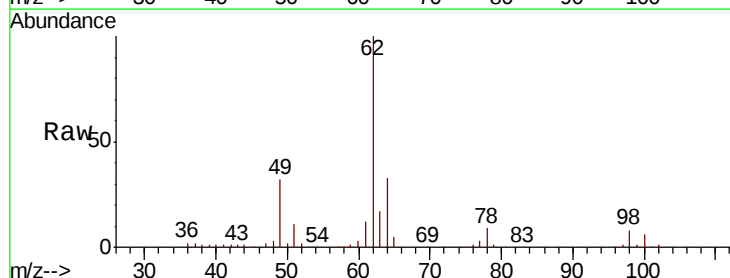
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

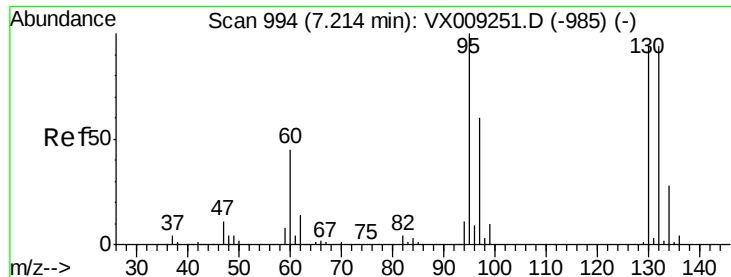
Tot Ion:	41	Resp:	43248
Ion	Ratio	Lower	Upper
41	100		
39	49.9	24.1	72.3
67	59.2	32.2	96.6
52	25.8	12.4	37.4



#36
1,2-Dichloroethane
Concen: 19.990 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion:	62	Resp:	58396
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.2

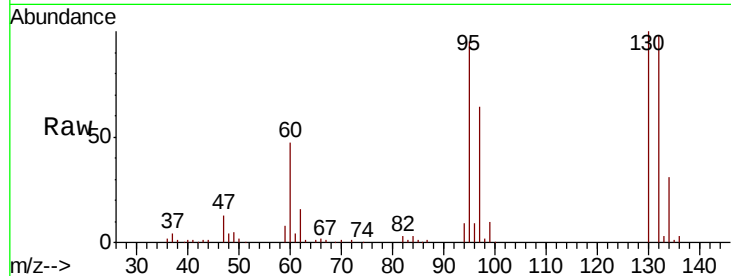




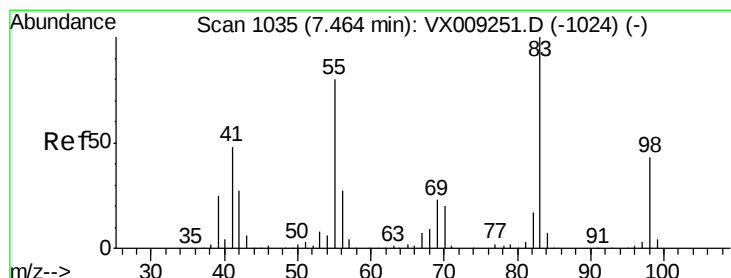
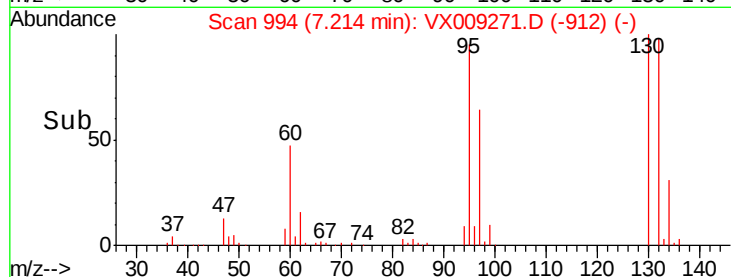
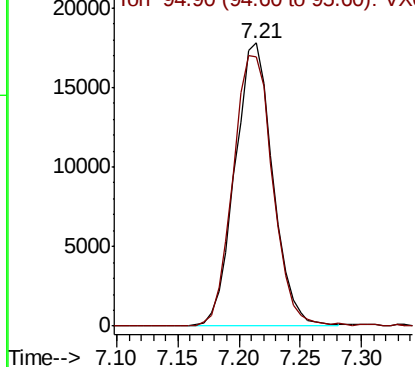
#37
 Trichloroethene
 Concen: 19.710 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 38198
 Ion Ratio Lower Upper
 130 100
 95 95.1 85.0 127.4

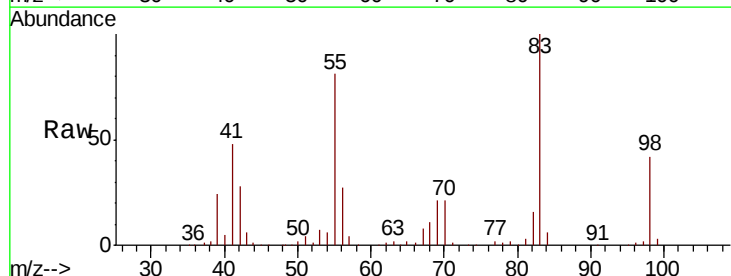


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

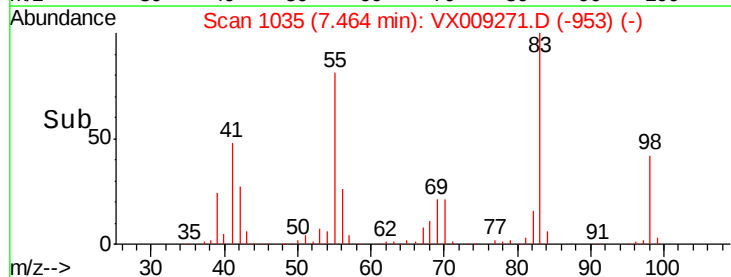
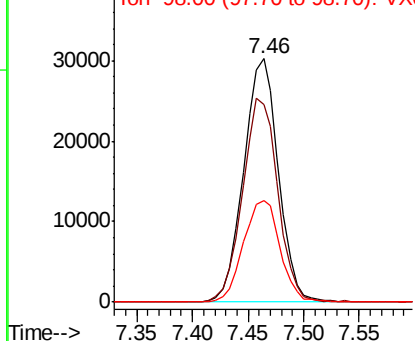


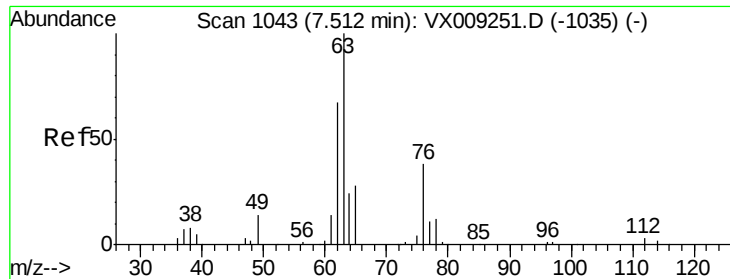
#38
 Methylcyclohexane
 Concen: 20.317 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 83 Resp: 65548
 Ion Ratio Lower Upper
 83 100
 55 85.2 43.0 129.2
 98 44.3 22.1 66.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.386 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

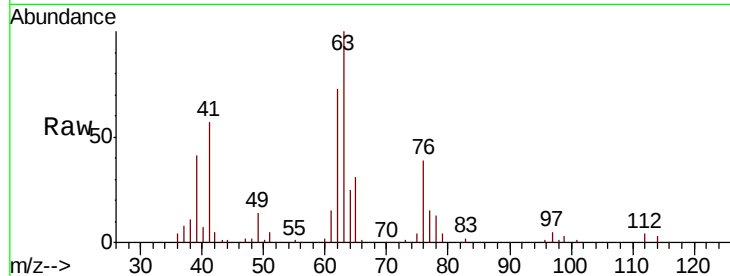
VSTDCCC020EC

Tot Ion: 63 Resp: 44446

Ion Ratio Lower Upper

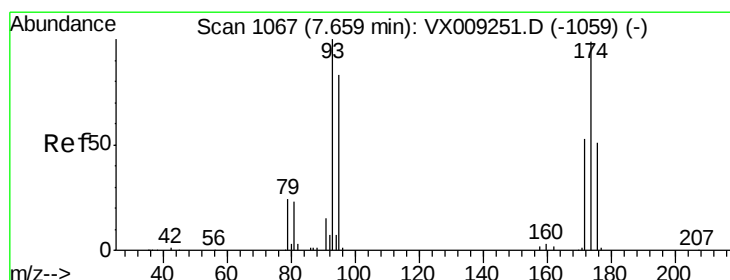
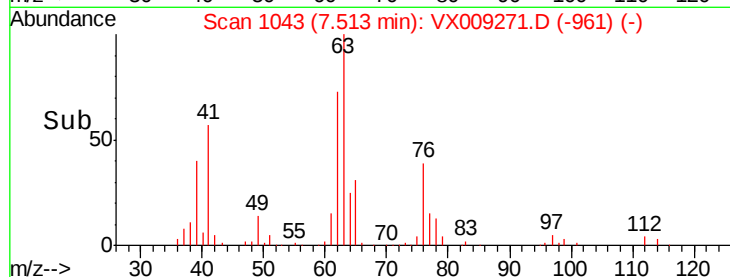
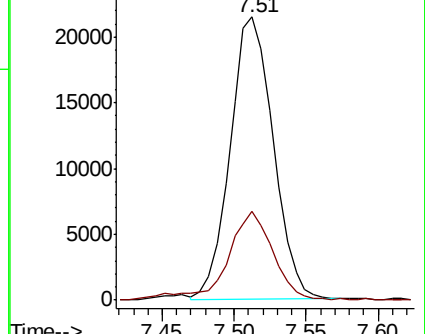
63 100

65 30.9 24.0 36.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.165 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

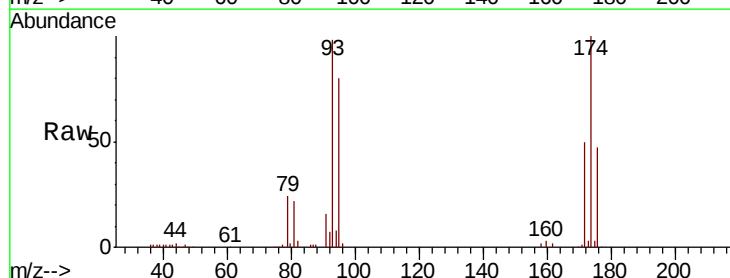
Tgt Ion: 93 Resp: 26239

Ion Ratio Lower Upper

93 100

95 82.5 0.0 167.2

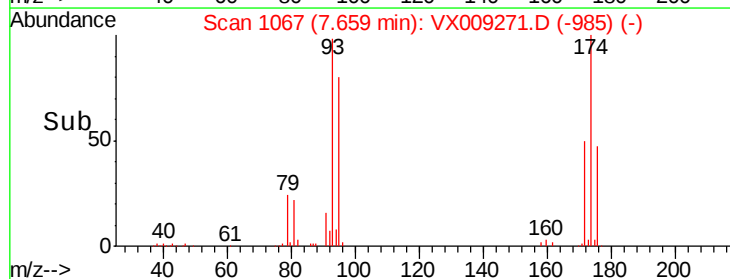
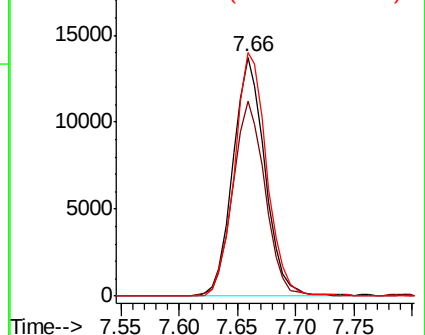
174 102.8 0.0 203.4

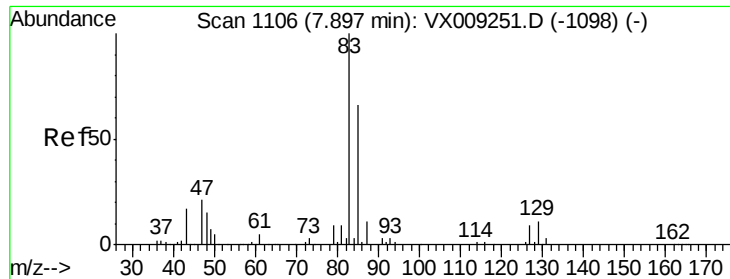


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.671 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

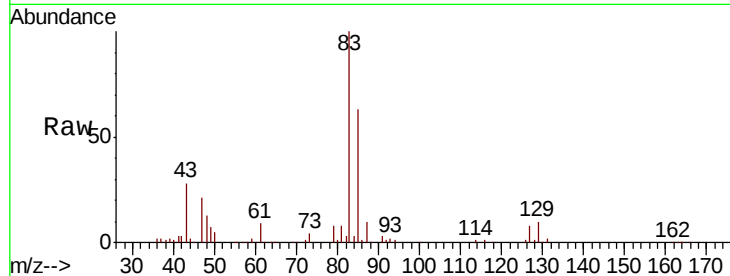
Tot Ion: 83 Resp: 52285

Ion Ratio Lower Upper

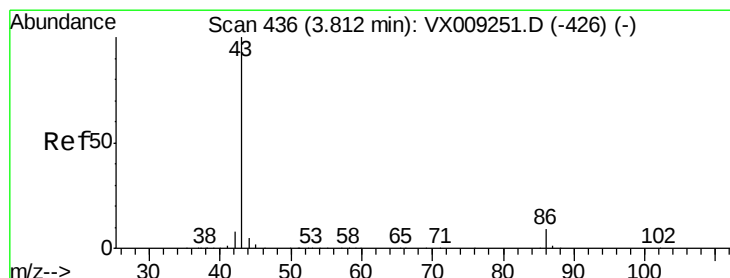
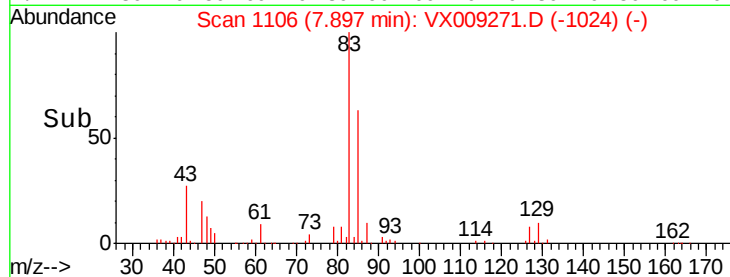
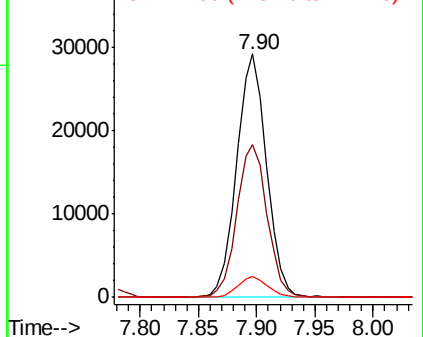
83 100

85 62.8 52.6 79.0

127 8.4 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.742 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009271.D

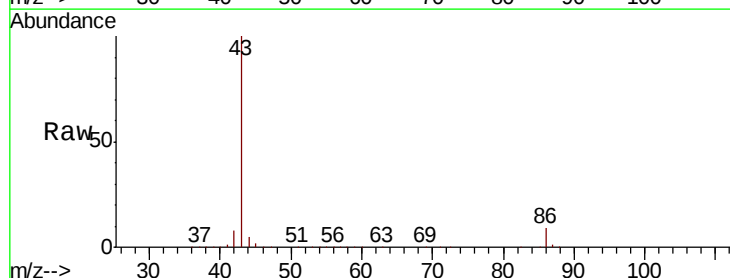
Acq: 02 May 2019 12:42

Tgt Ion: 43 Resp: 673231

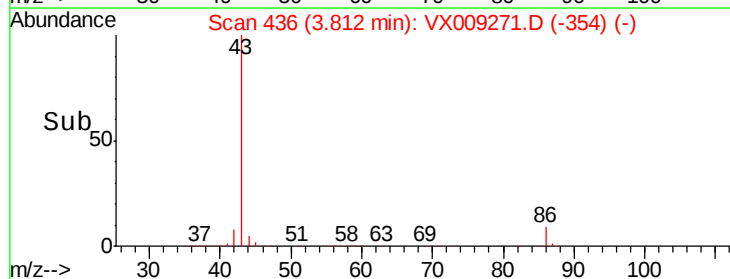
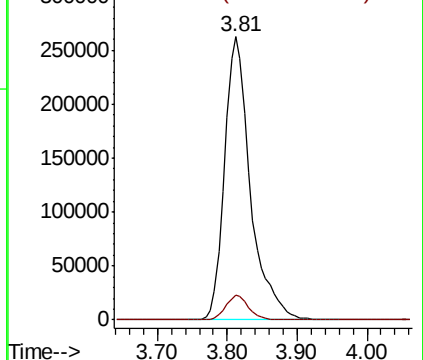
Ion Ratio Lower Upper

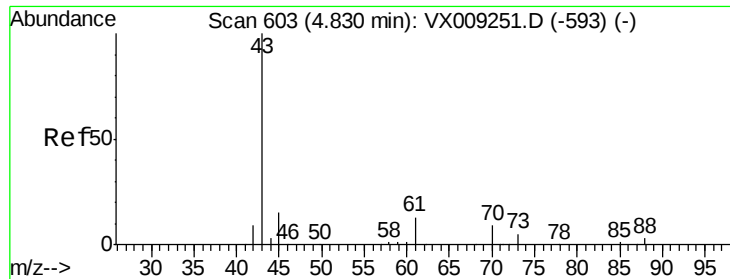
43 100

86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.817 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

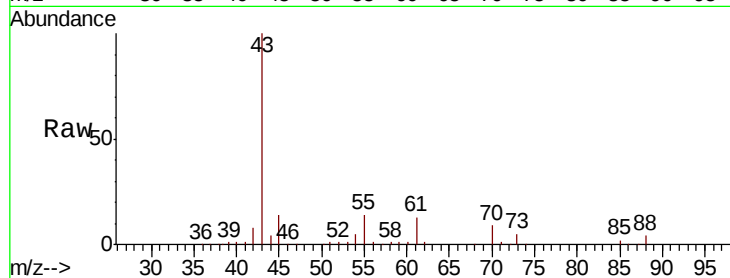
VSTDCCC020EC

Tot Ion: 43 Resp: 73233

Ion Ratio Lower Upper

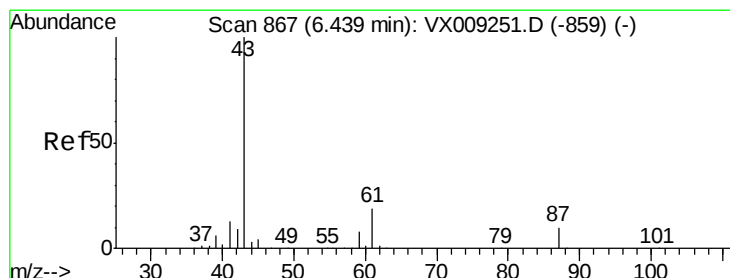
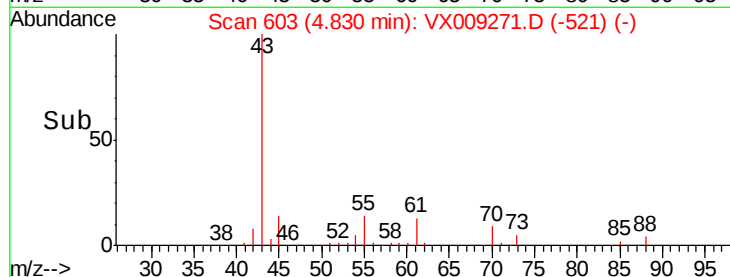
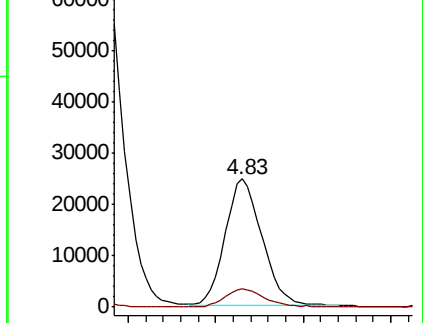
43 100

45 15.2 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.244 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX009271.D

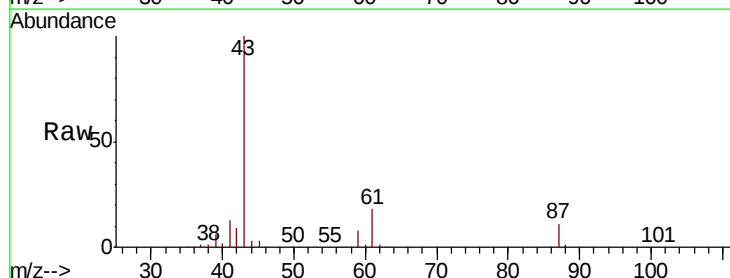
Acq: 02 May 2019 12:42

Tgt Ion: 43 Resp: 115207

Ion Ratio Lower Upper

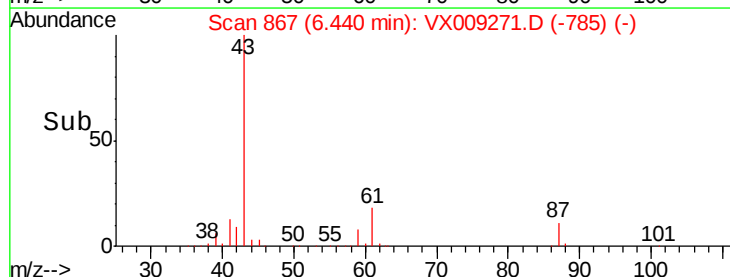
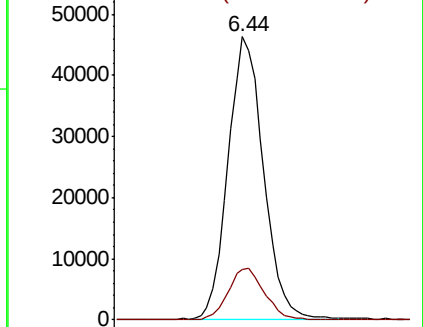
43 100

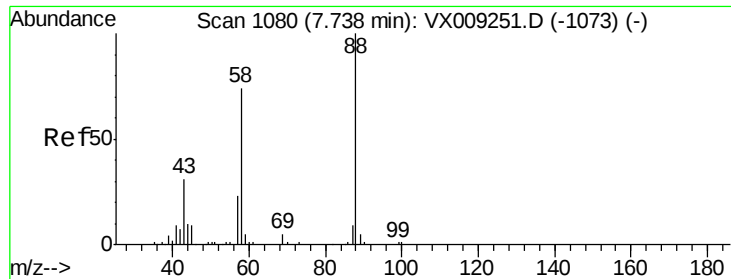
61 19.0 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



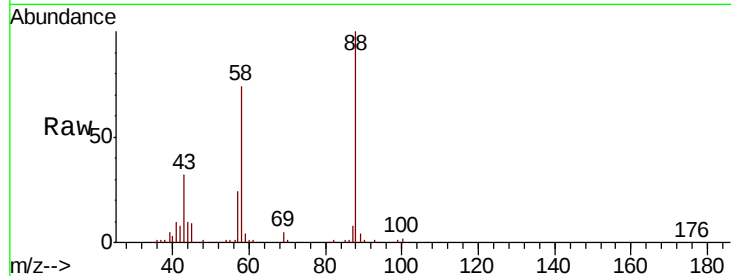


#45
 1,4-Dioxane
 Concen: 396.743 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

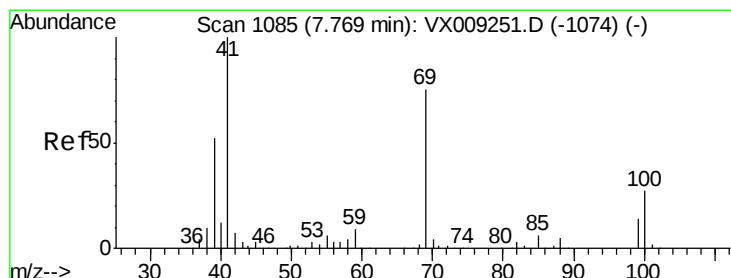
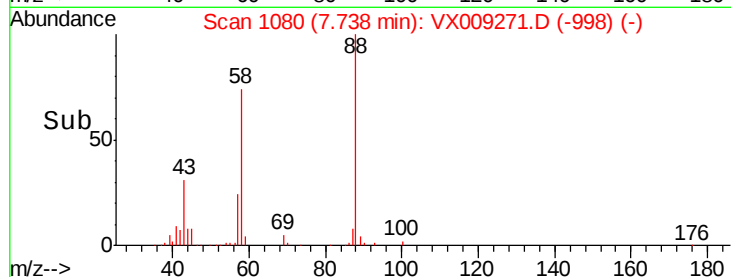
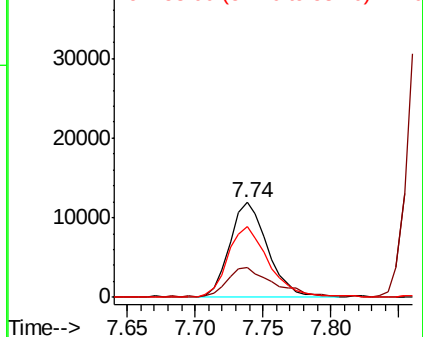
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 23319

Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.5	42.7
58	80.4	62.5	93.7



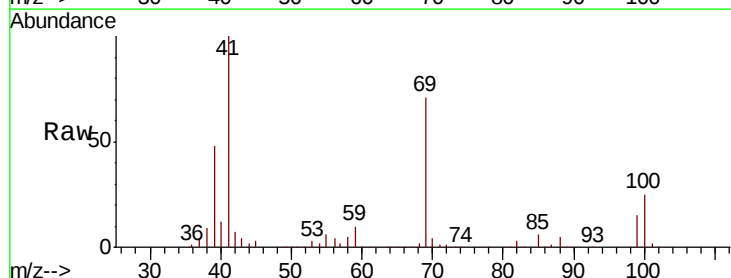
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



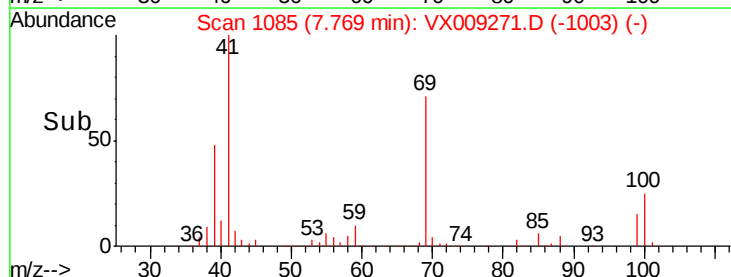
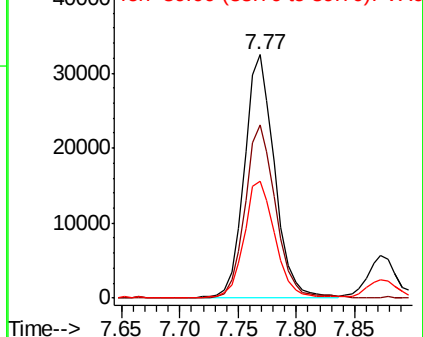
#46
 Methyl methacrylate
 Concen: 19.418 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

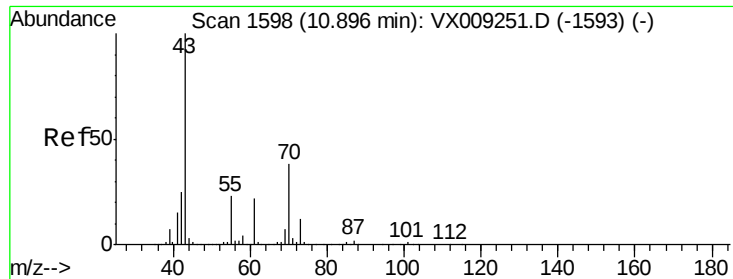
Tgt Ion: 41 Resp: 58023

Ion	Ratio	Lower	Upper
41	100		
69	71.2	37.6	112.8
39	47.5	25.8	77.3



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





#47

n-amvl Acetate

Concen: 18.959 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

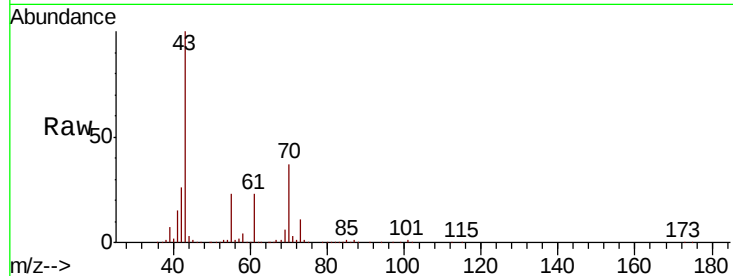
VSTDCCC020EC

Tot Ion: 43 Resp: 102244

Ion Ratio Lower Upper

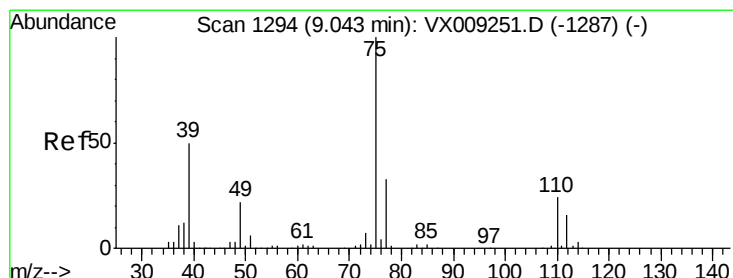
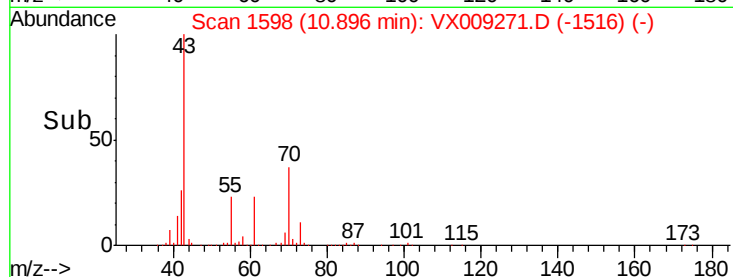
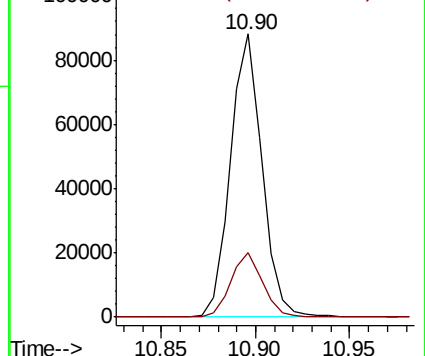
43 100

55 23.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.018 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009271.D

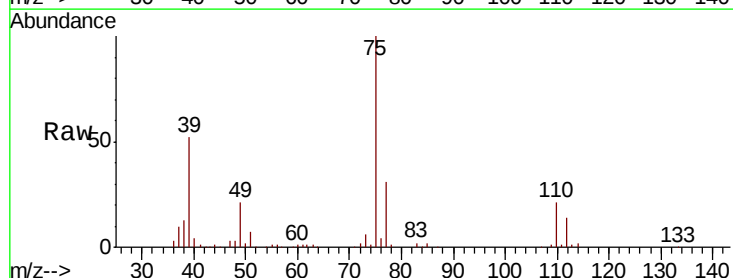
Acq: 02 May 2019 12:42

Tgt Ion: 75 Resp: 58979

Ion Ratio Lower Upper

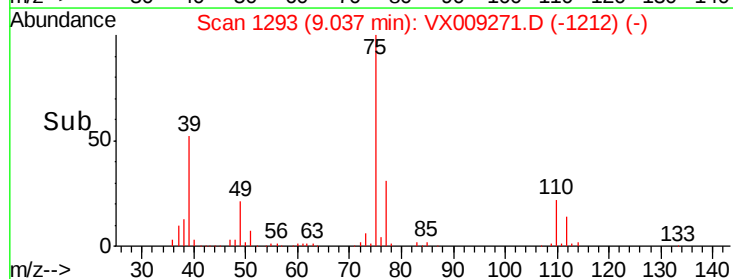
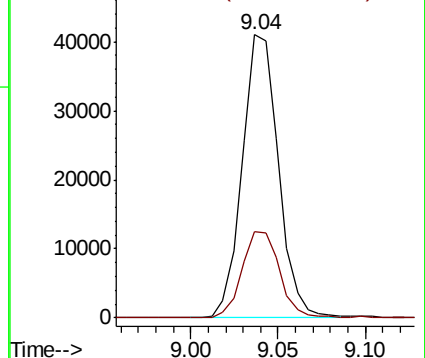
75 100

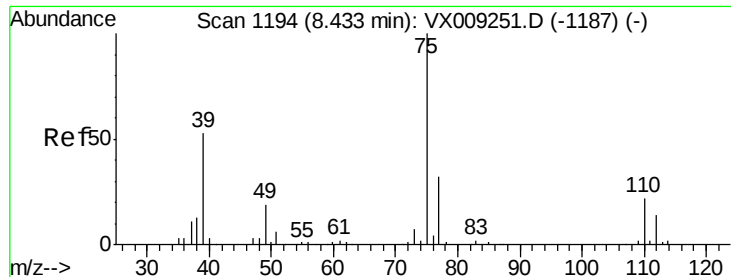
77 30.4 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



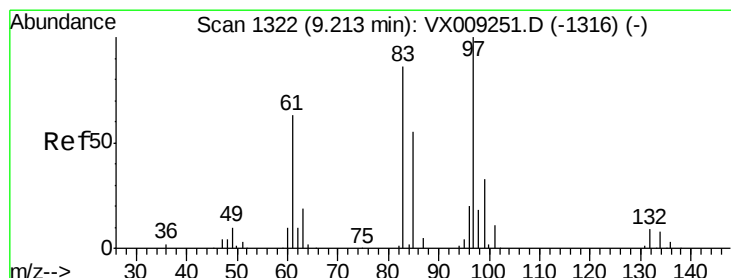
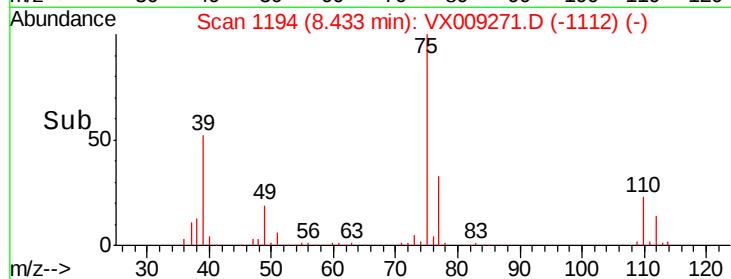
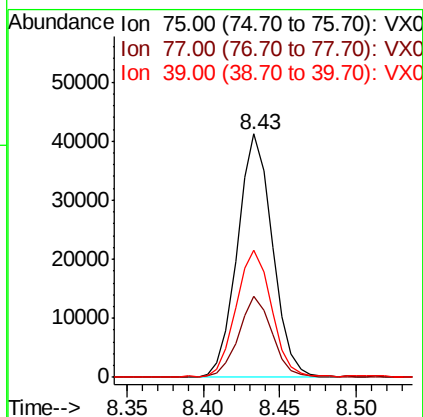
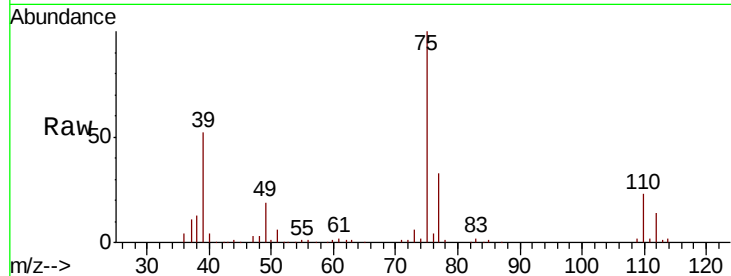


#49

cis-1,3-Dichloropropene
 Concen: 19.216 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

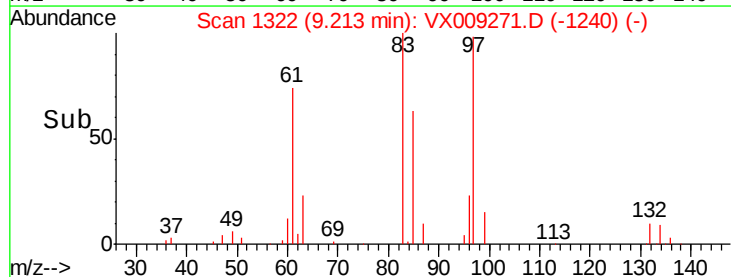
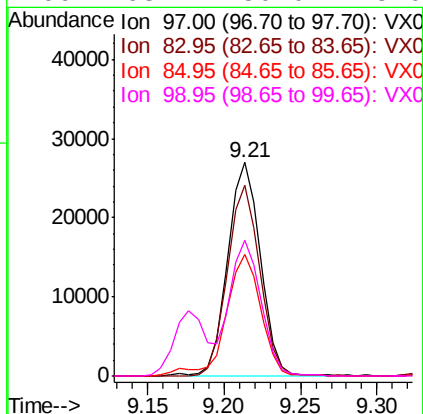
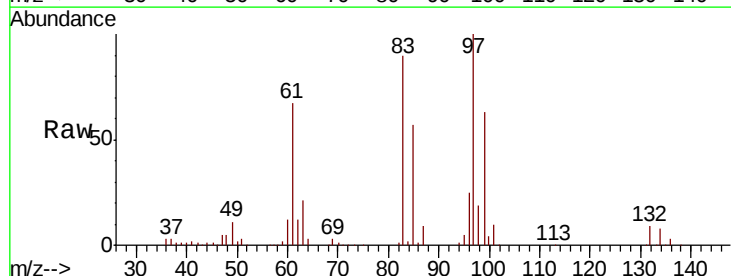
Tot Ion: 75 Resp: 65421
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.0 39.0
 39 51.9 42.6 63.8

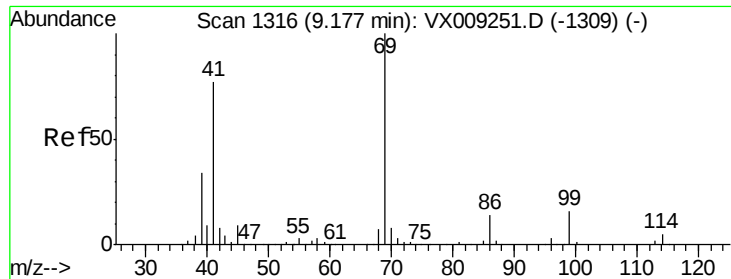


#50

1,1,2-Trichloroethane
 Concen: 20.029 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 97 Resp: 39929
 Ion Ratio Lower Upper
 97 100
 83 89.8 68.8 103.2
 85 56.9 45.8 68.6
 99 63.2 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.434 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

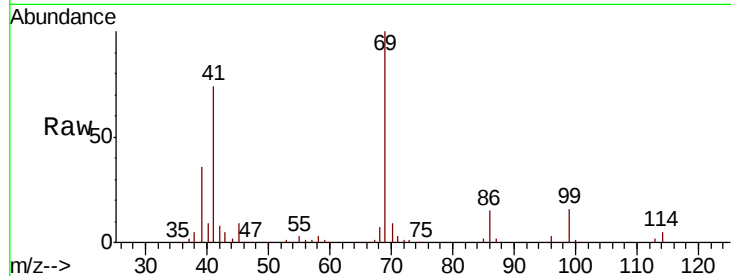
Tot Ion: 69 Resp: 71597

Ion Ratio Lower Upper

69 100

41 74.0 38.4 115.2

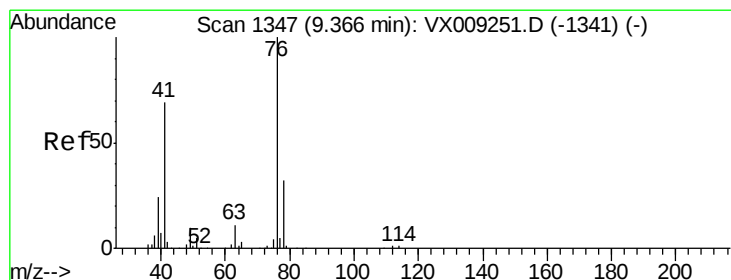
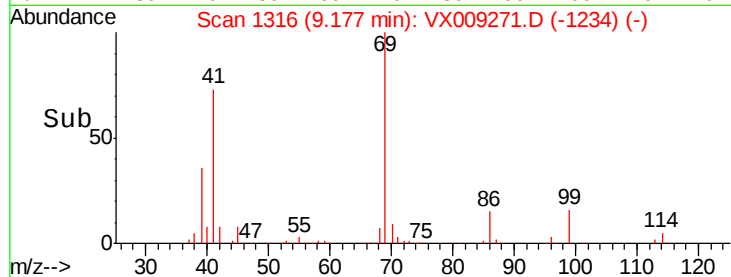
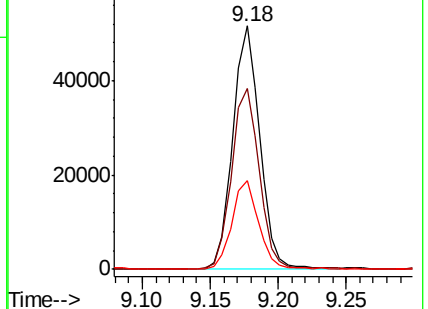
39 36.2 17.2 51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.686 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009271.D

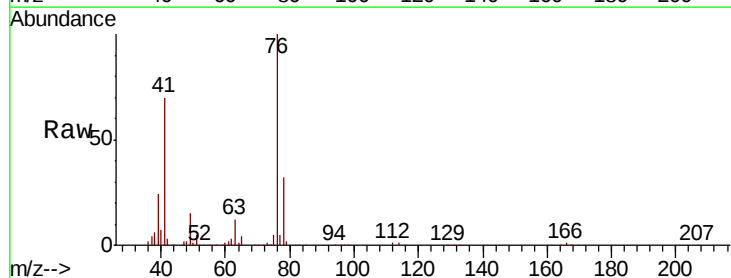
Acq: 02 May 2019 12:42

Tgt Ion: 76 Resp: 69650

Ion Ratio Lower Upper

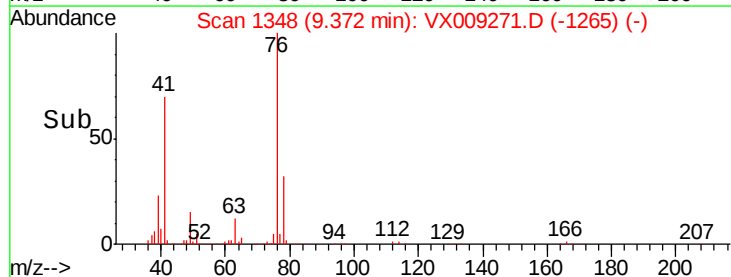
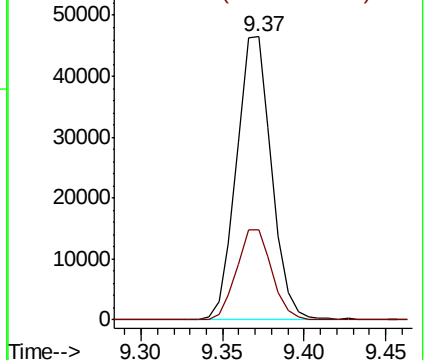
76 100

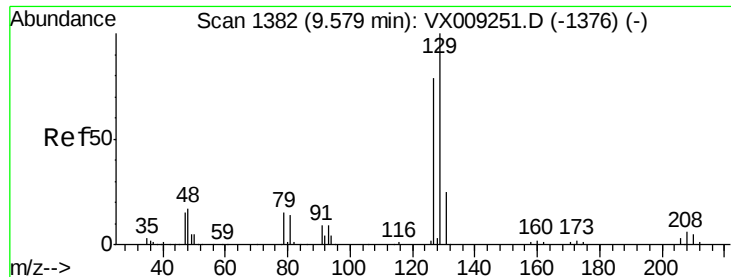
78 32.2 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.531 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

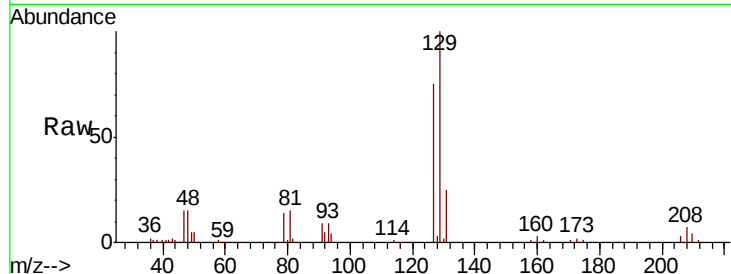
VSTDCCC020EC

Tot Ion:129 Resp: 38777

Ion Ratio Lower Upper

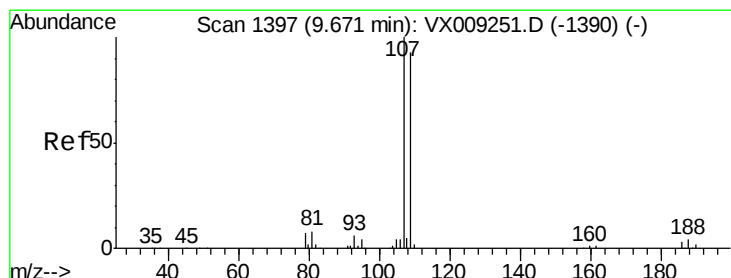
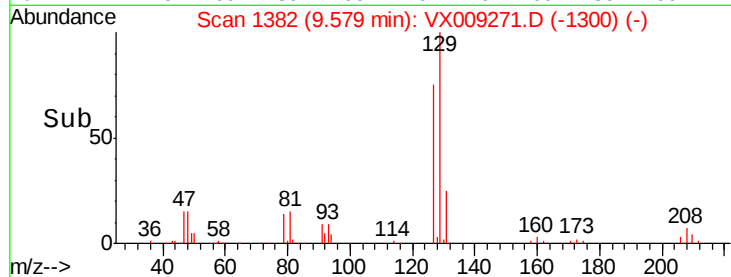
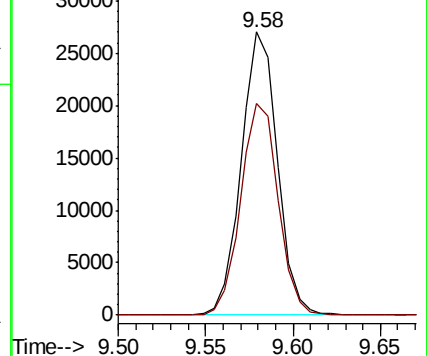
129 100

127 77.6 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.519 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009271.D

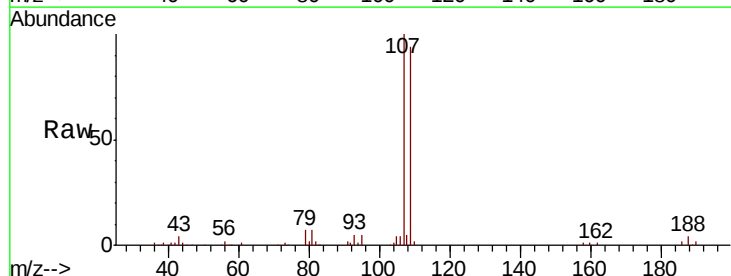
Acq: 02 May 2019 12:42

Tgt Ion:107 Resp: 39910

Ion Ratio Lower Upper

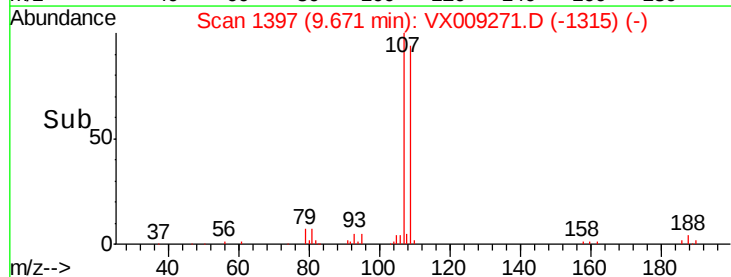
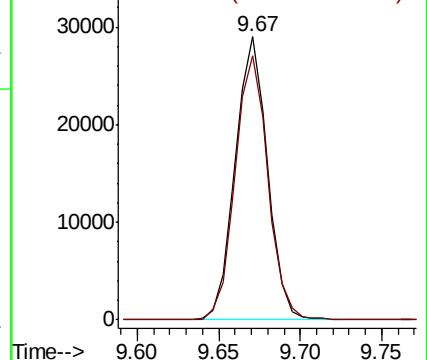
107 100

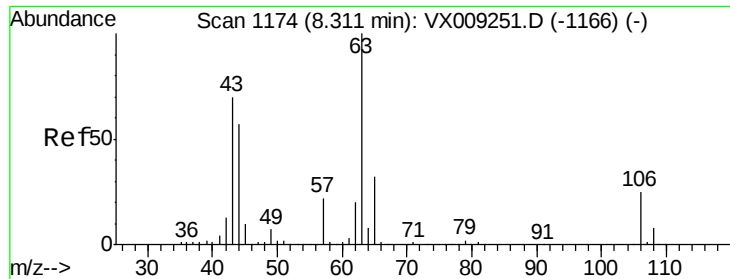
109 94.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

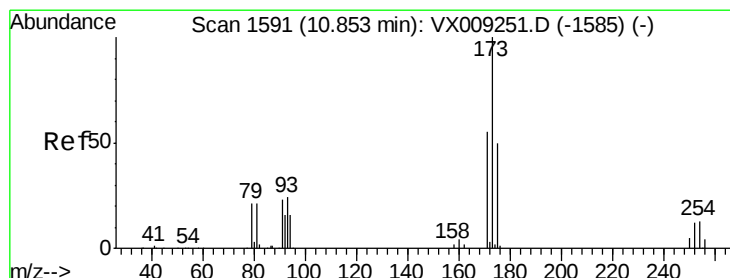
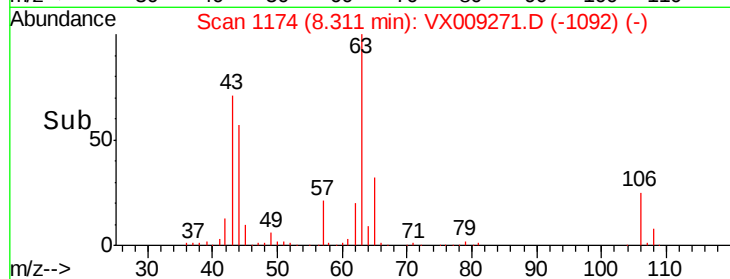
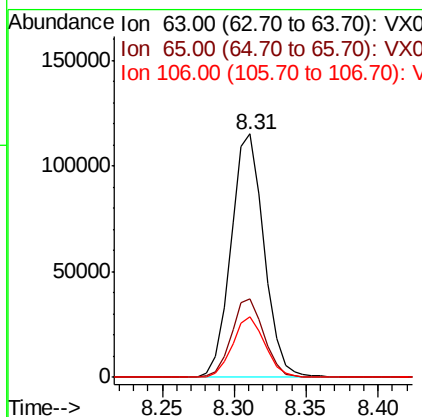
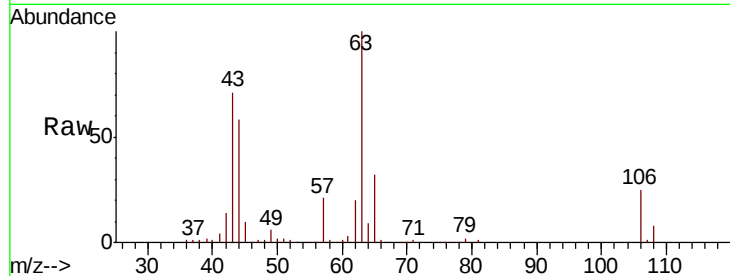




#55
2-Chloroethyl vinyl ether
Concen: 94.054 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

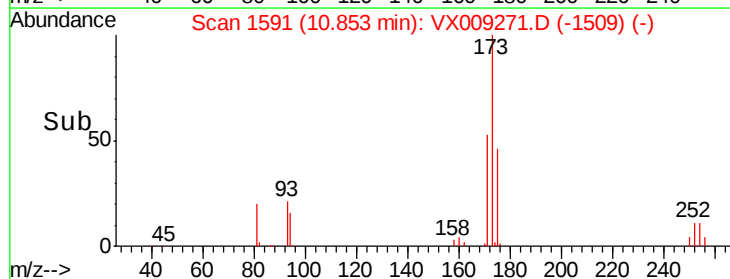
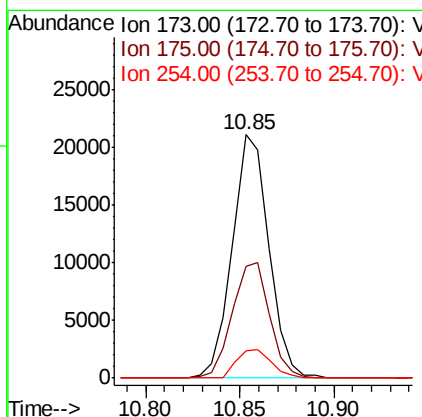
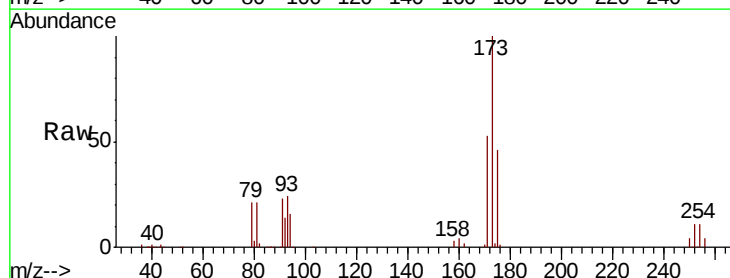
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

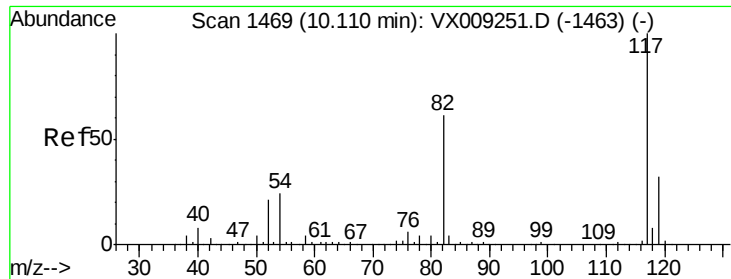
Tot Ion: 63 Resp: 184640
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 24.5 19.8 29.6



#56
Bromoform
Concen: 18.715 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 173 Resp: 28524
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 11.2 9.9 14.9

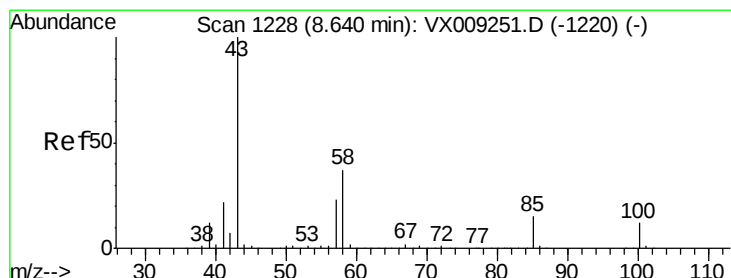
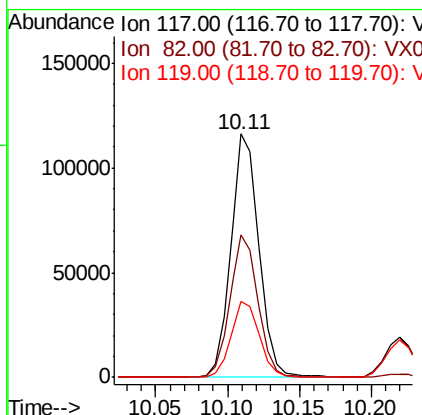
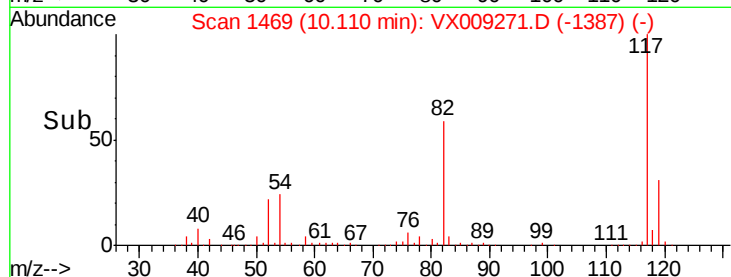
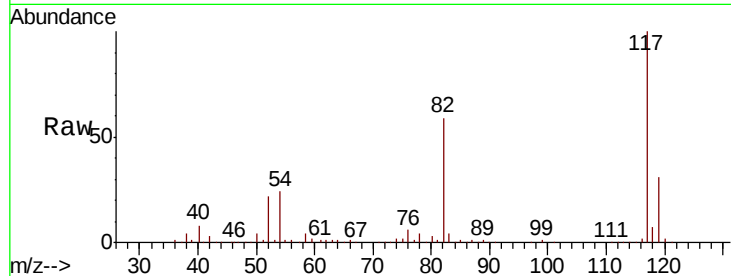




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

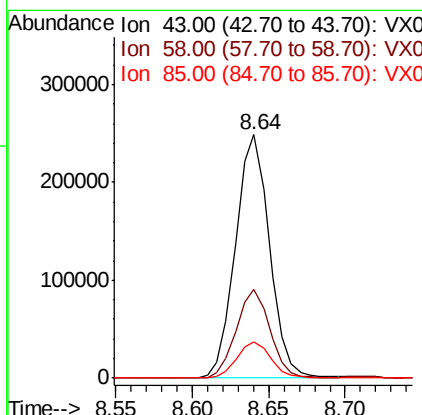
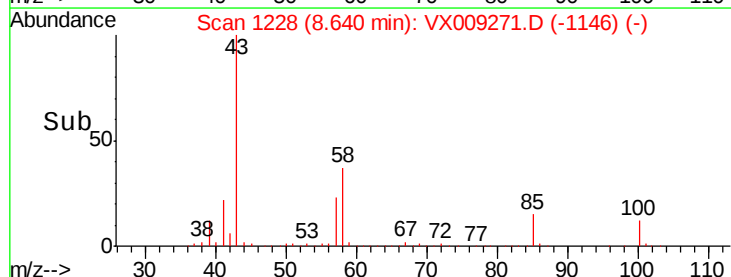
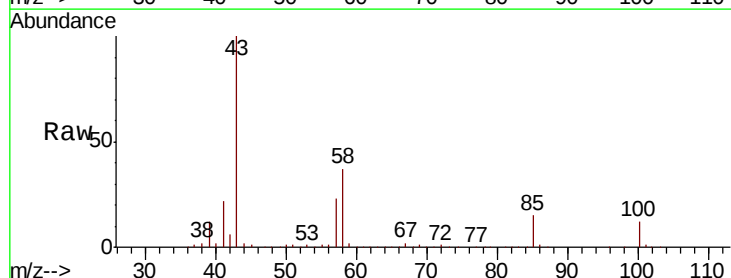
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

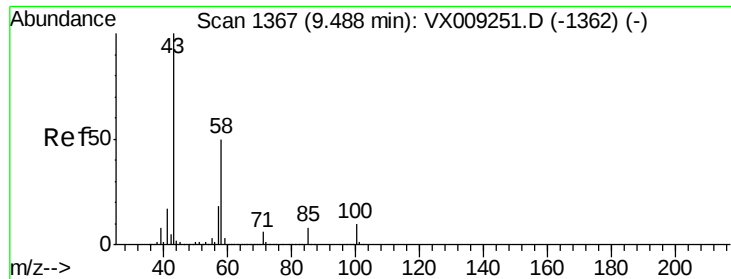
Tot Ion:117 Resp: 158050
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.6 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 98.728 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 43 Resp: 383683
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0
85 14.8 11.8 17.8

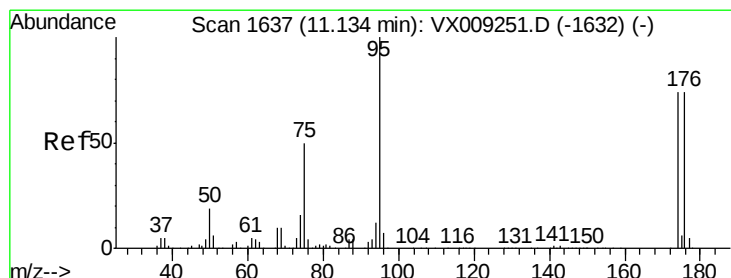
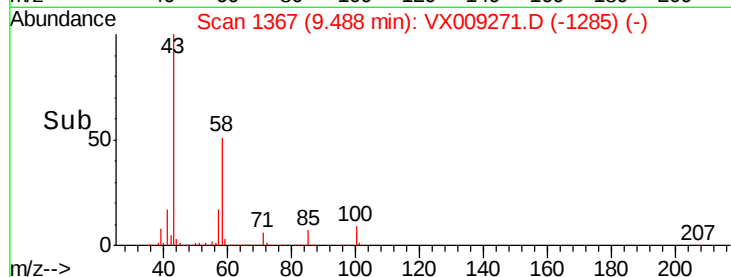
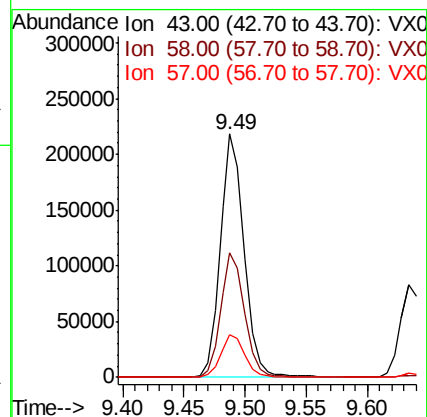
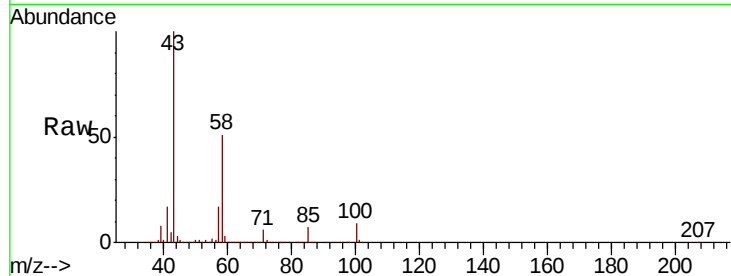




#59
2-Hexanone
Concen: 97.041 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

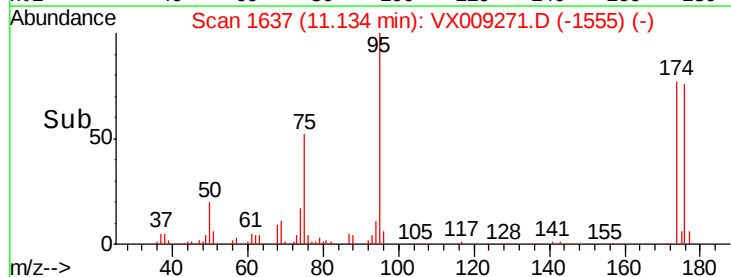
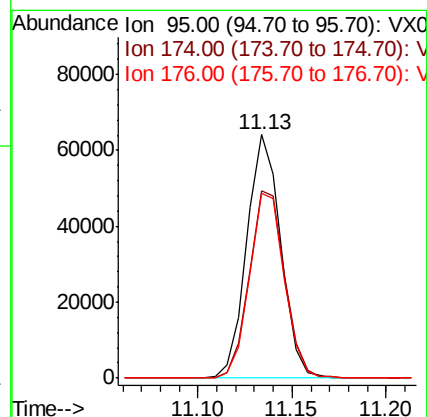
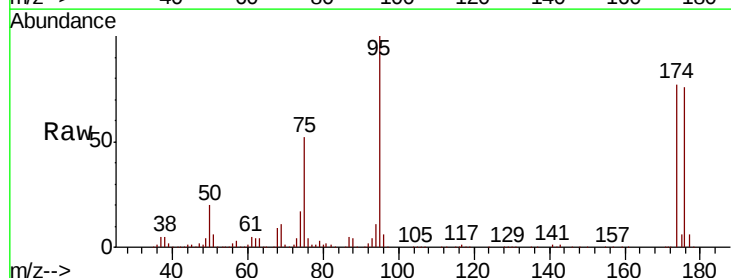
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

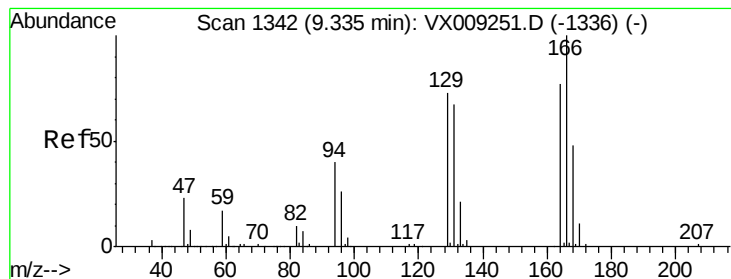
Tot Ion: 43 Resp: 295799
Ion Ratio Lower Upper
43 100
58 51.1 40.8 61.2
57 17.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.937 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 95 Resp: 80400
Ion Ratio Lower Upper
95 100
174 79.9 63.6 95.4
176 77.8 62.4 93.6





#61

Tetrachloroethene

Concen: 20.525 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 35762

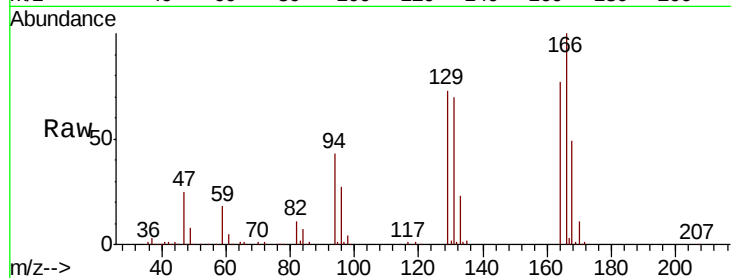
Ion Ratio Lower Upper

164 100

166 129.2 104.1 156.1

129 94.0 76.0 114.0

131 90.0 70.1 105.1

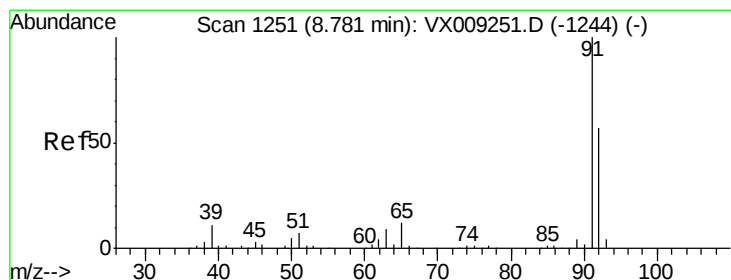
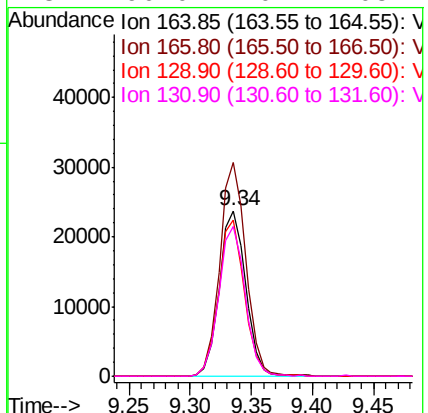
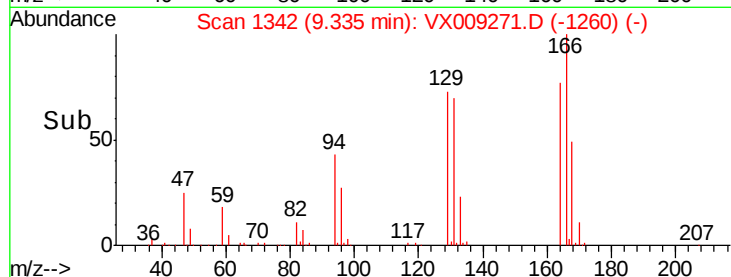


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.126 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009271.D

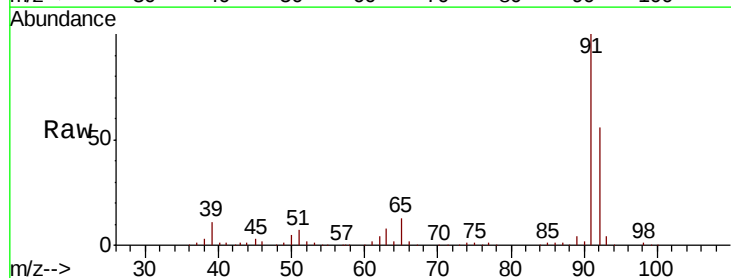
Acq: 02 May 2019 12:42

Tgt Ion: 91 Resp: 169975

Ion Ratio Lower Upper

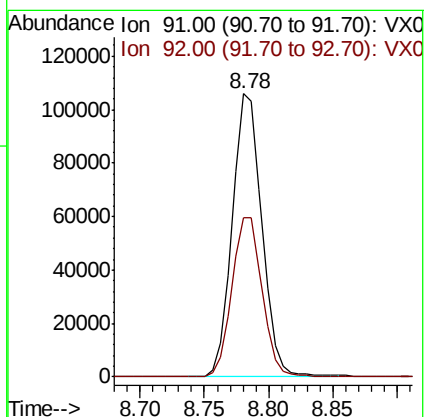
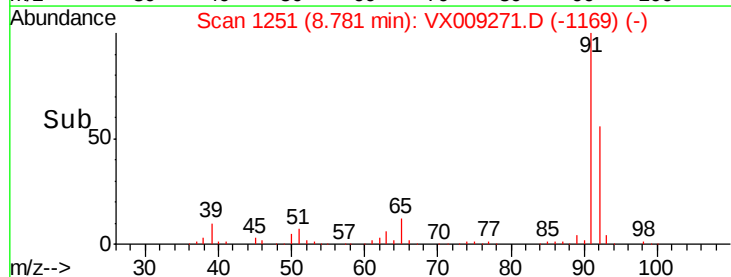
91 100

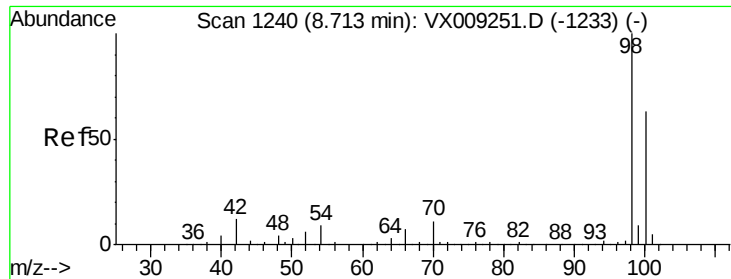
92 57.7 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.176 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

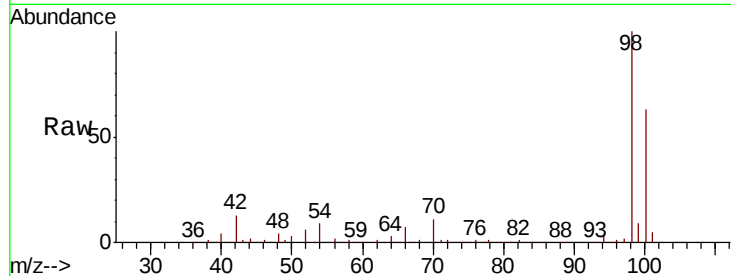
VSTDCCC020EC

Tot Ion: 98 Resp: 226119

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX009271.D (-1158) (-)

Ion 100.00 (99.70 to 100.70): VX009271.D (-1158) (-)

8.71

150000

100000

50000

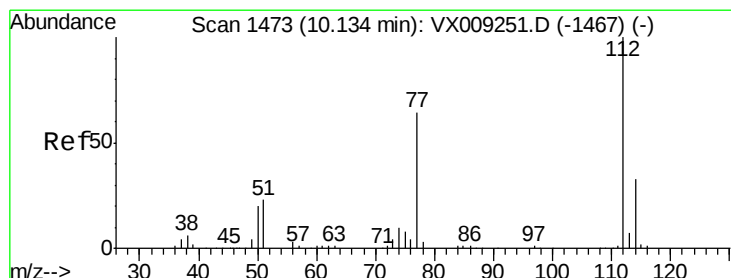
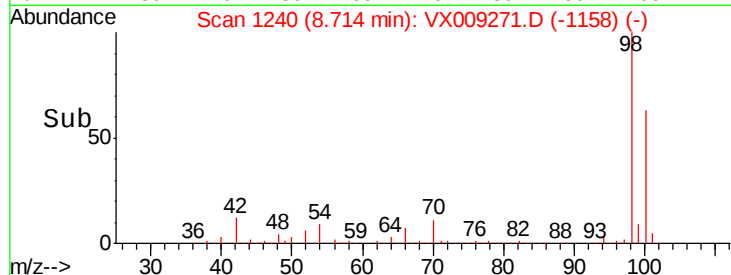
0

8.60

8.70

8.80

Time-->



#64

Chlorobenzene

Concen: 19.745 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009271.D

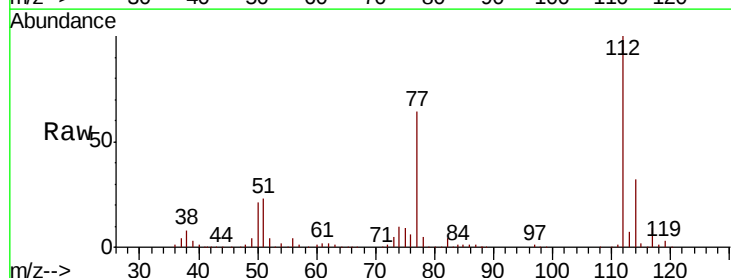
Acq: 02 May 2019 12:42

Tgt Ion: 112 Resp: 100362

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009271.D (-1391) (-)

Ion 114.00 (113.70 to 114.70): VX009271.D (-1391) (-)

10.13

80000

60000

40000

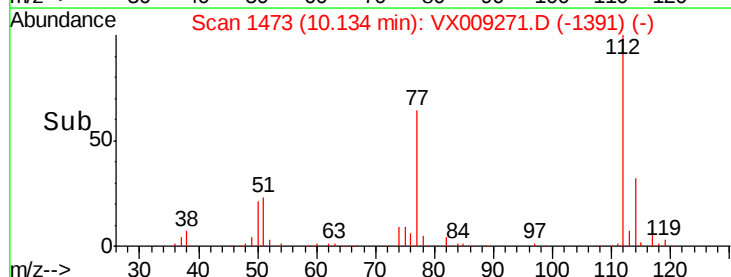
20000

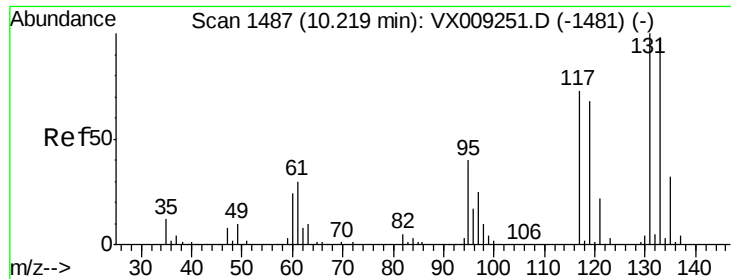
0

10.10

10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.649 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

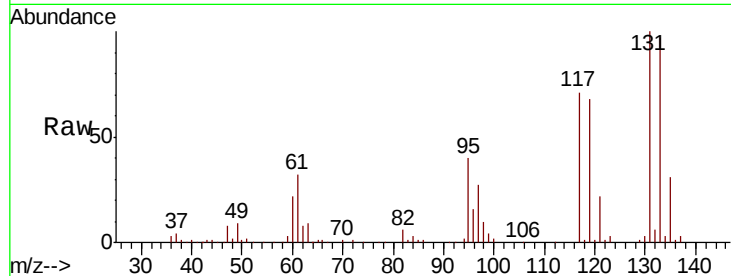
Tot Ion:131 Resp: 36568

Ion Ratio Lower Upper

131 100

133 94.9 0.0 191.2

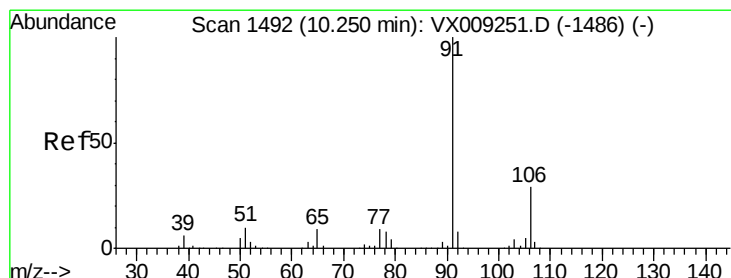
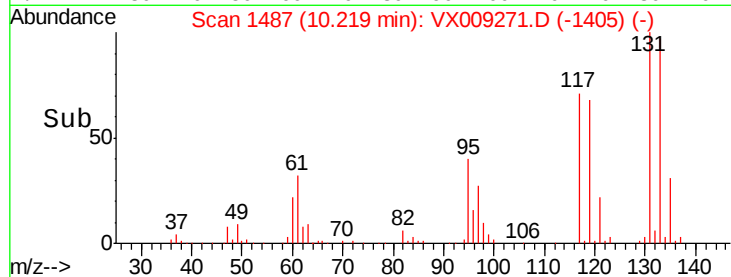
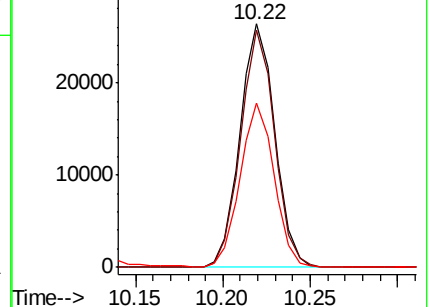
119 66.0 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.900 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009271.D

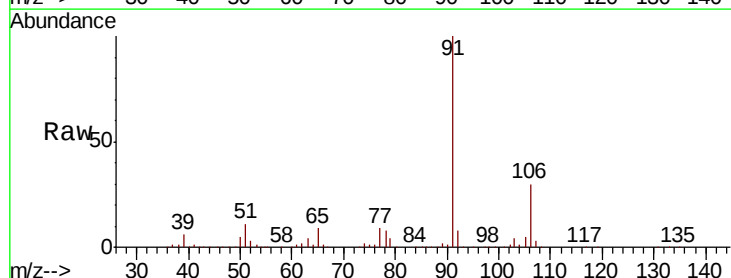
Acq: 02 May 2019 12:42

Tgt Ion: 91 Resp: 187231

Ion Ratio Lower Upper

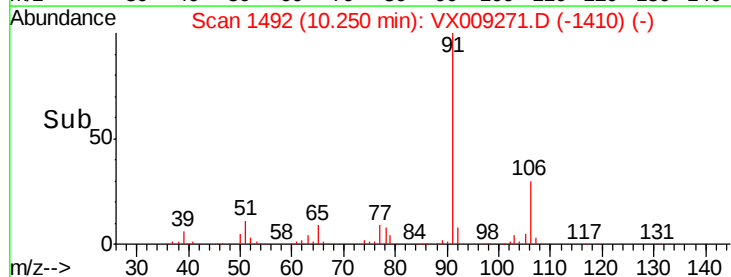
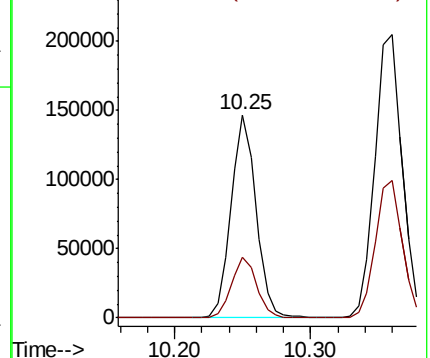
91 100

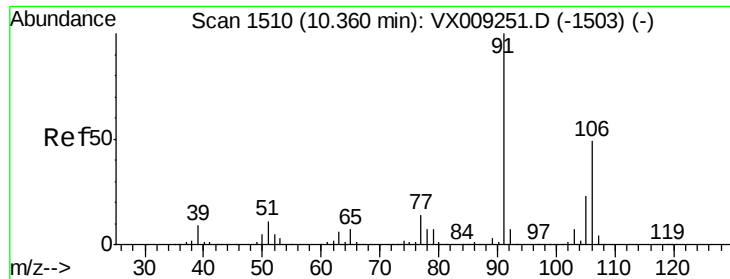
106 29.7 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

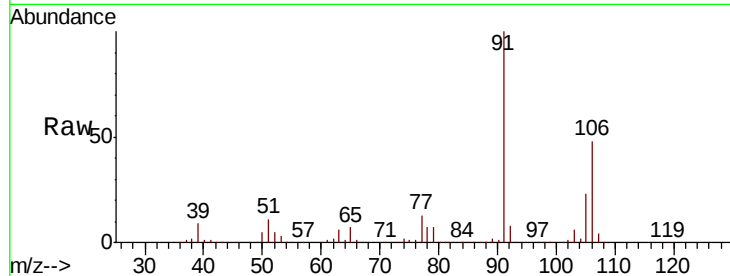




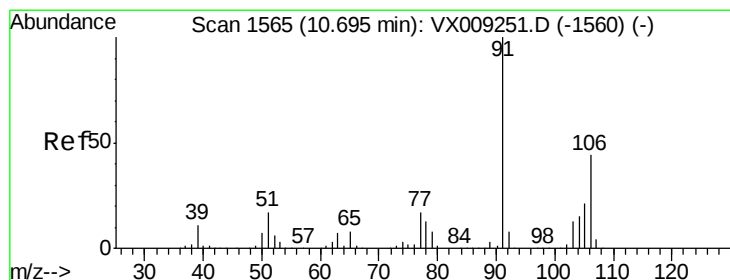
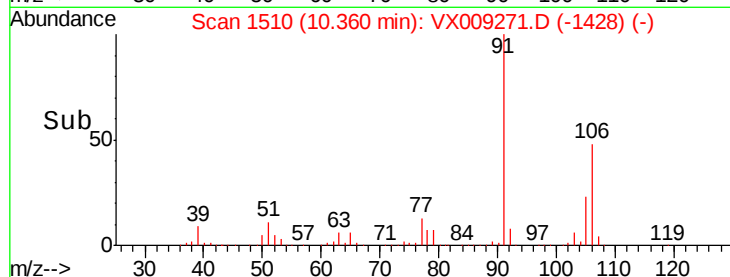
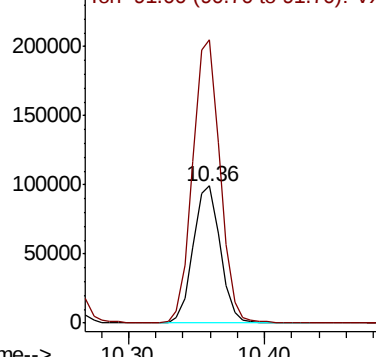
#67
m/p-Xylenes
Concen: 40.118 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 137809
Ion Ratio Lower Upper
106 100
91 208.6 166.8 250.2

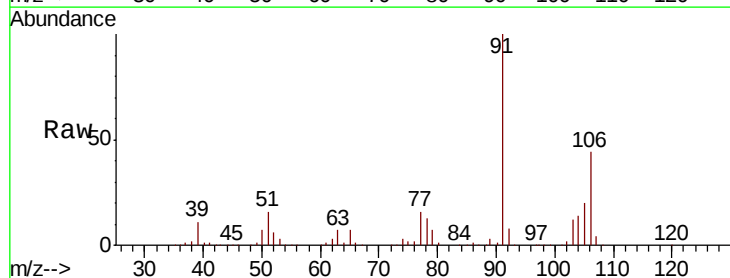


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

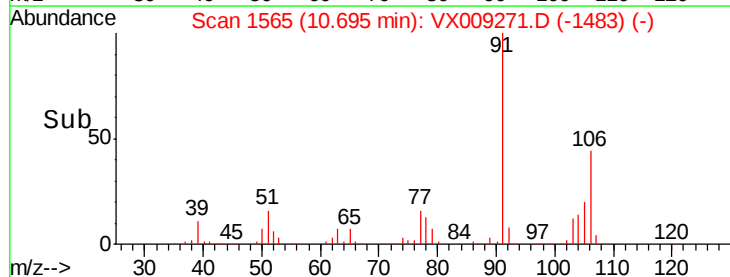
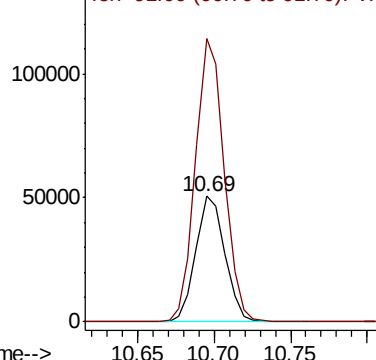


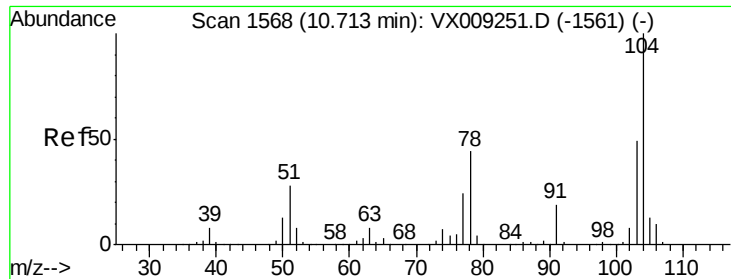
#68
o-Xylene
Concen: 19.875 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion:106 Resp: 67130
Ion Ratio Lower Upper
106 100
91 221.2 110.8 332.3



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

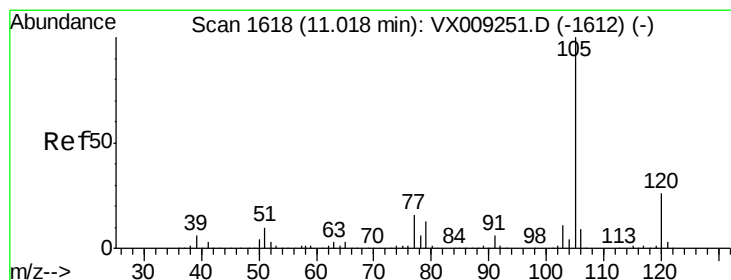
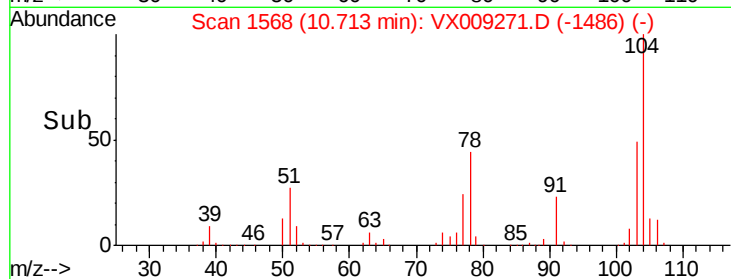
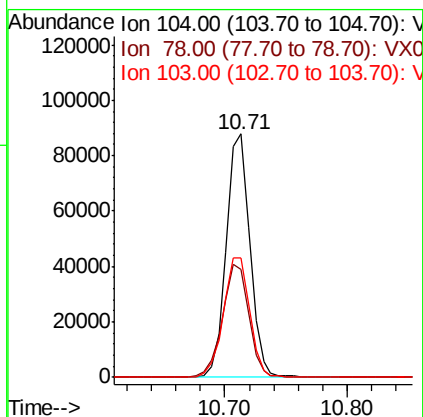
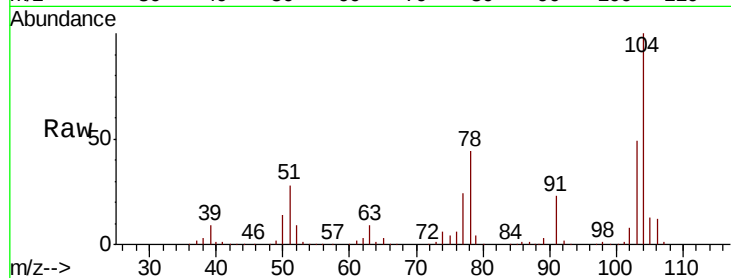




#69
Stvrene
Concen: 19.816 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

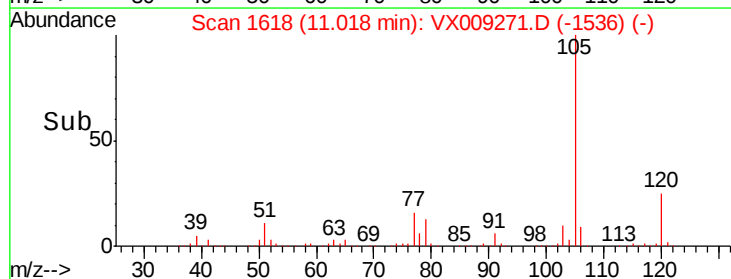
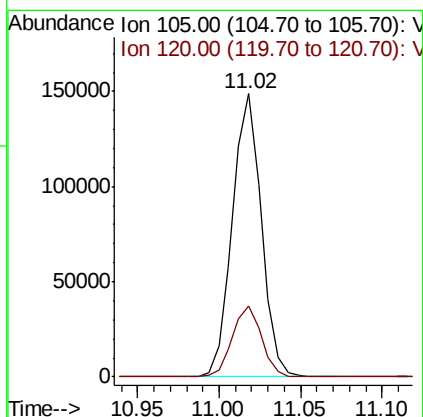
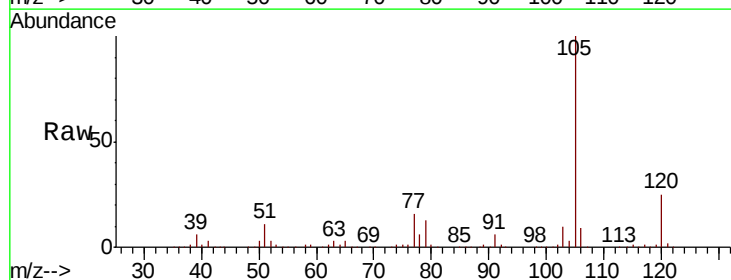
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

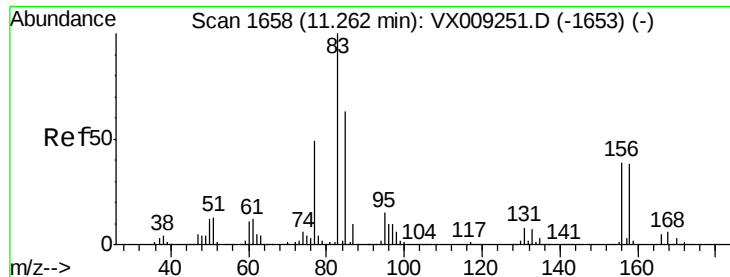
Tot Ion:104 Resp: 117497
Ion Ratio Lower Upper
104 100
78 51.9 41.1 61.7
103 55.0 43.8 65.8



#70
Isopropylbenzene
Concen: 20.278 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion:105 Resp: 184200
Ion Ratio Lower Upper
105 100
120 25.1 18.1 33.7

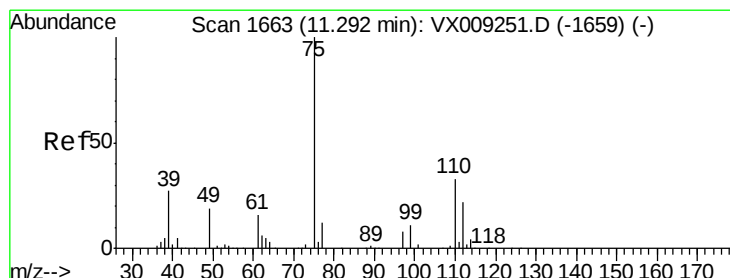
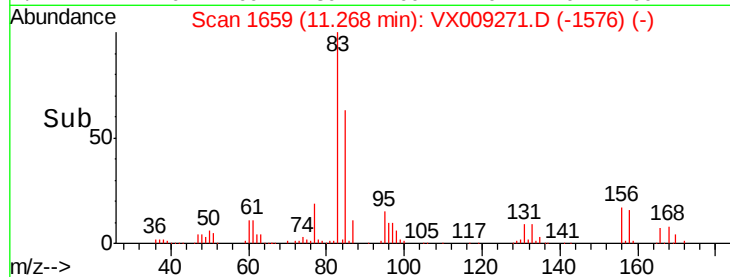
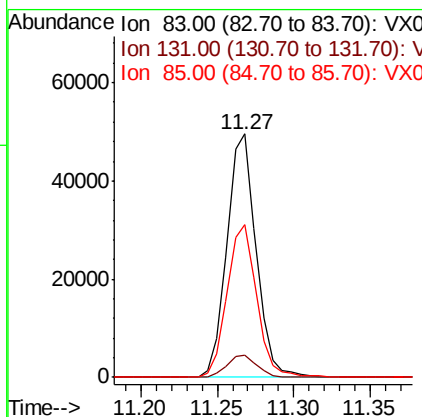
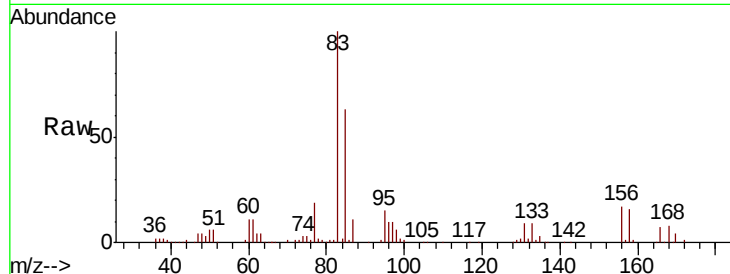




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.743 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

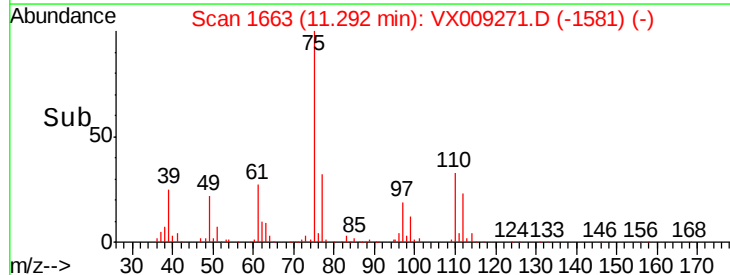
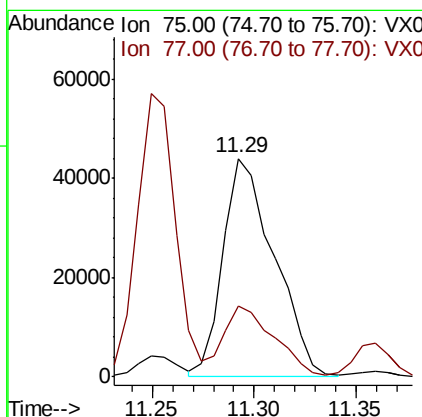
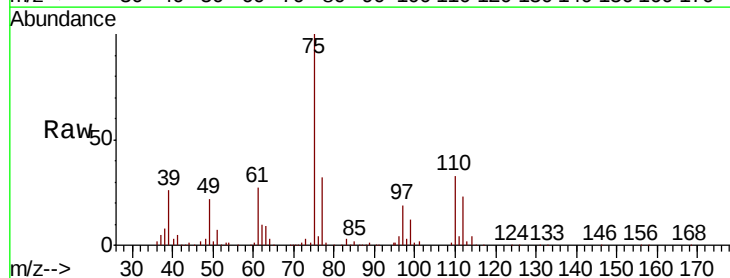
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

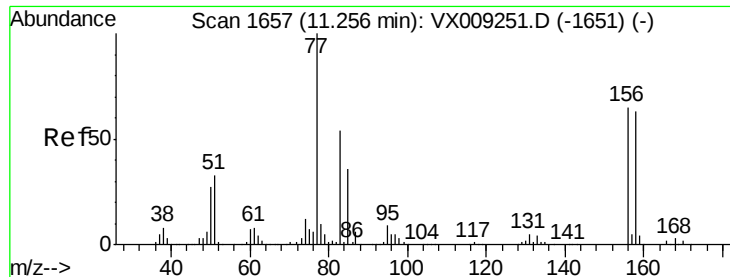
Tot Ion: 83 Resp: 65679
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.7 14.0
 85 63.5 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.859 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 75 Resp: 77000
 Ion Ratio Lower Upper
 75 100
 77 32.3 0.0 86.4

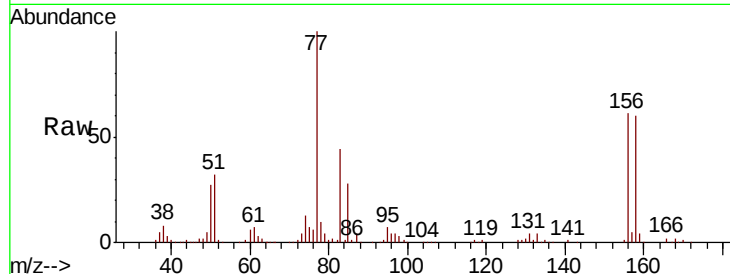




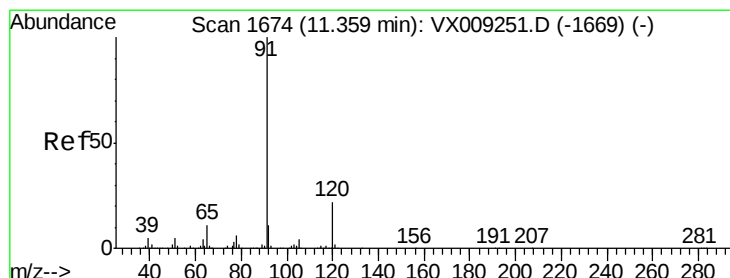
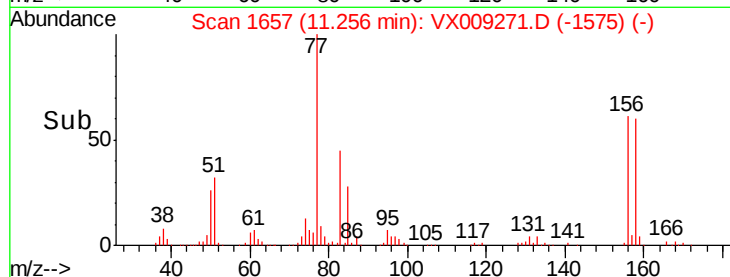
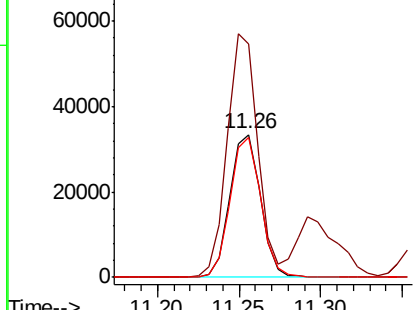
#73
Bromobenzene
Concen: 19.493 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:156 Resp: 43750
Ion Ratio Lower Upper
156 100
77 169.3 0.0 335.6
158 97.8 0.0 191.2

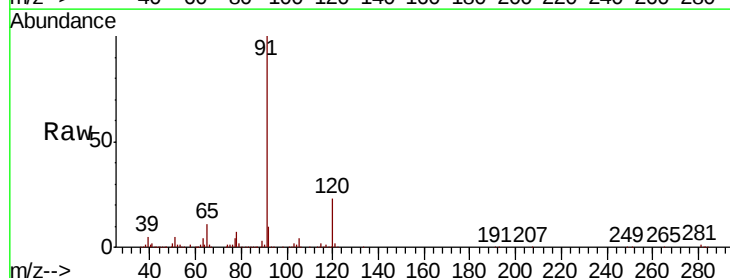


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V

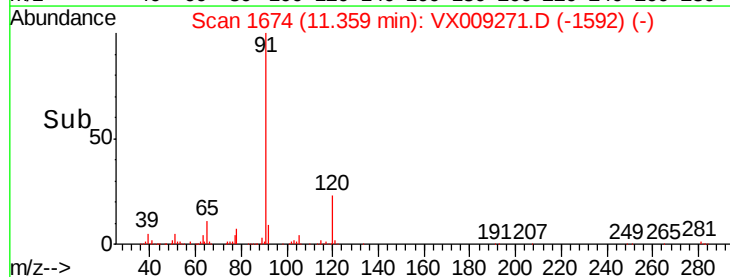
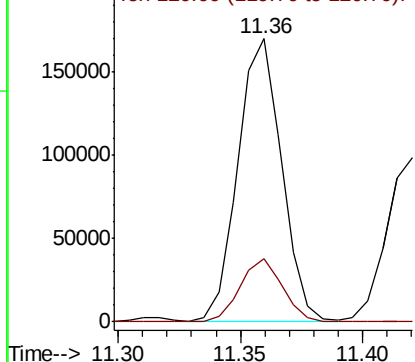


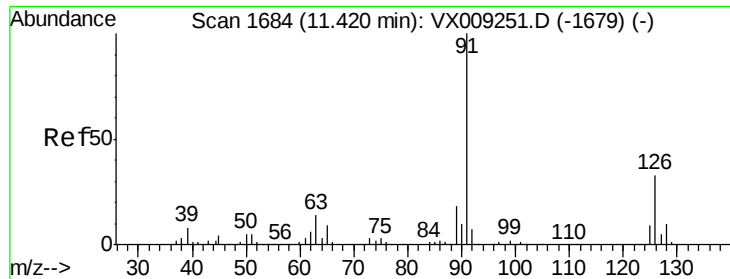
#74
n-propylbenzene
Concen: 20.112 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion: 91 Resp: 211711
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.902 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

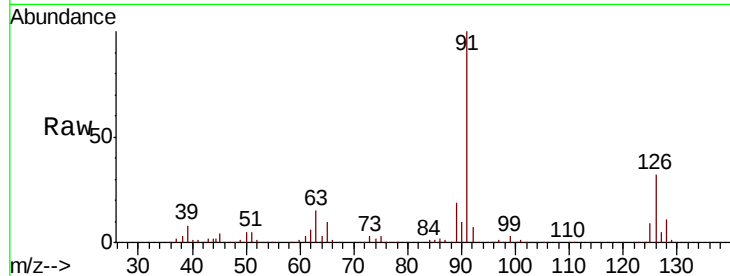
VSTDCCC020EC

Tot Ion: 91 Resp: 125657

Ion Ratio Lower Upper

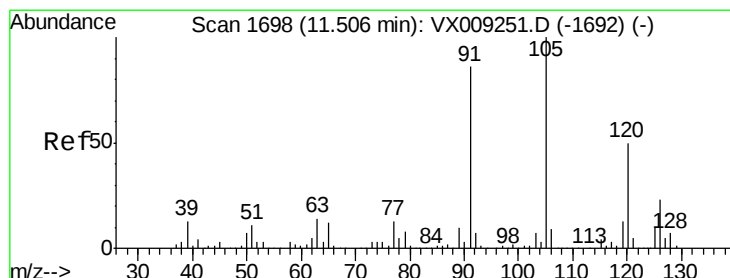
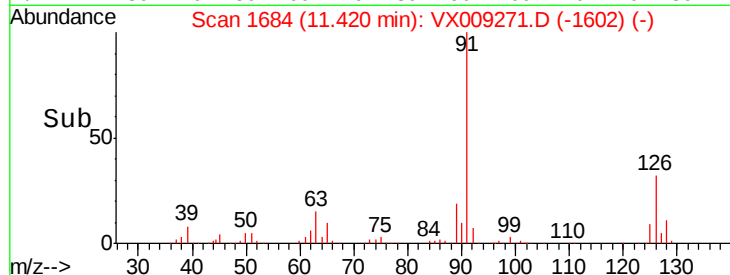
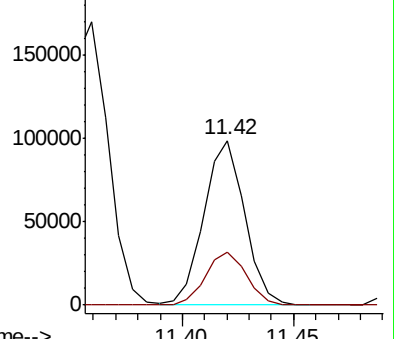
91 100

126 32.6 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.058 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009271.D

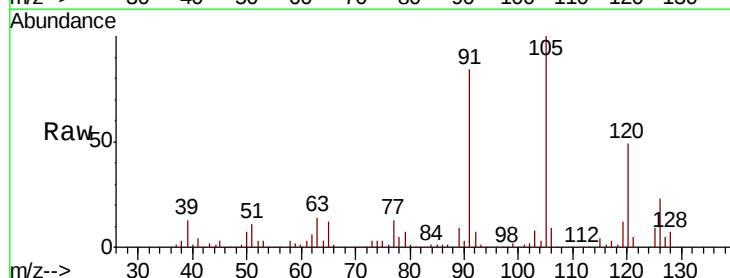
Acq: 02 May 2019 12:42

Tgt Ion:105 Resp: 154337

Ion Ratio Lower Upper

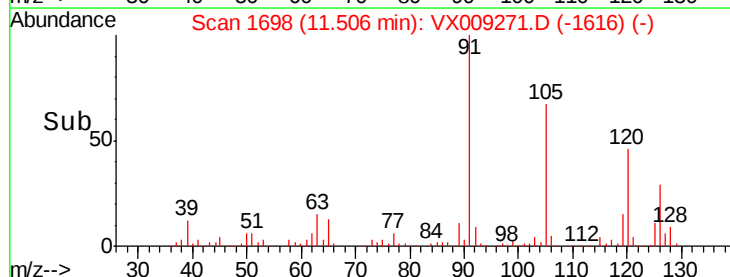
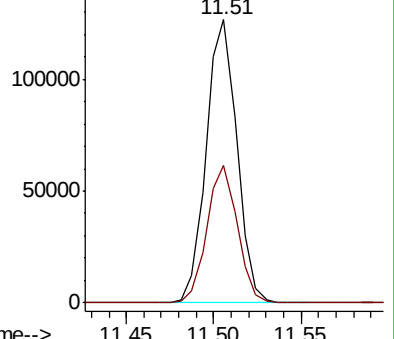
105 100

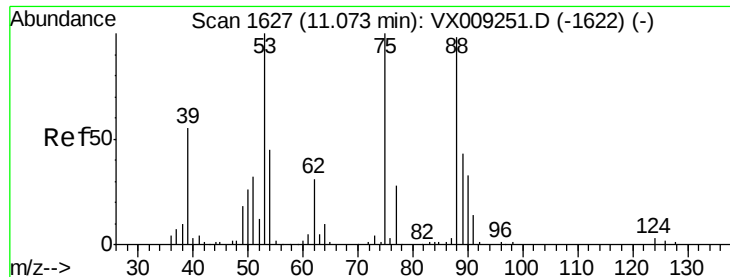
120 47.9 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.015 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

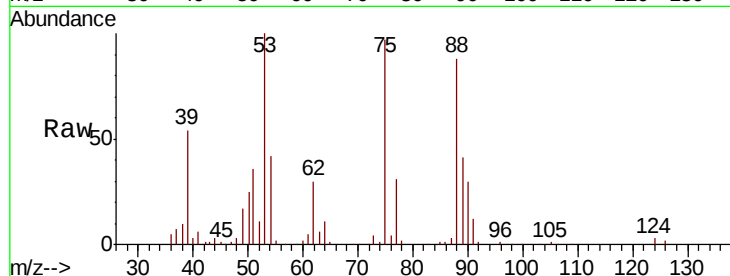
Tot Ion: 75 Resp: 20832

Ion Ratio Lower Upper

75 100

53 103.4 50.0 149.8

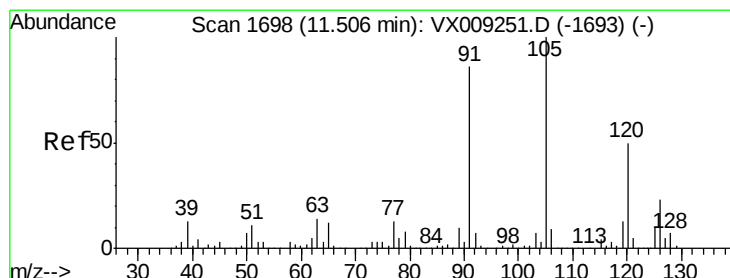
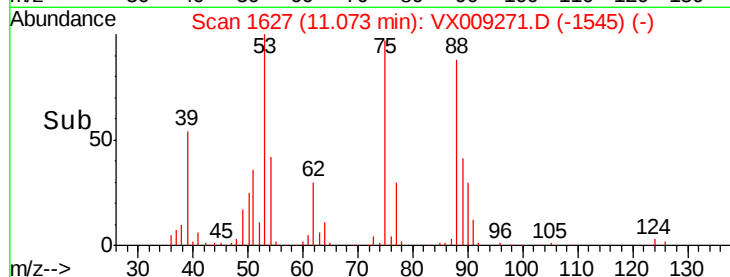
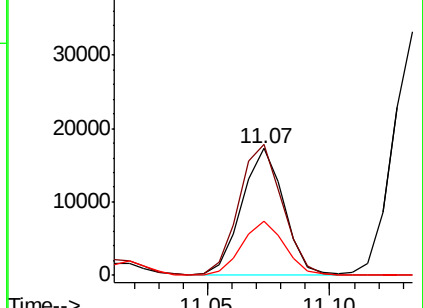
89 42.3 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.906 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009271.D

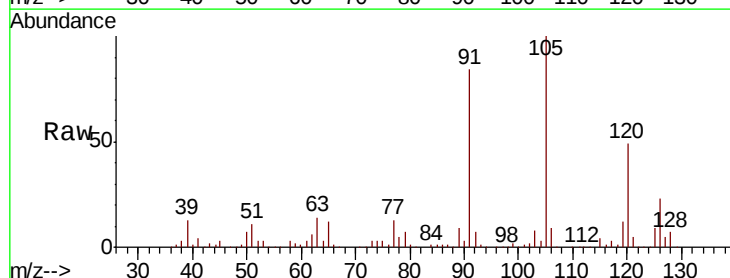
Acq: 02 May 2019 12:42

Tgt Ion: 91 Resp: 142748

Ion Ratio Lower Upper

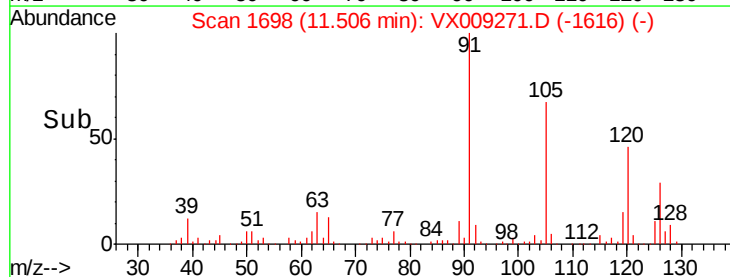
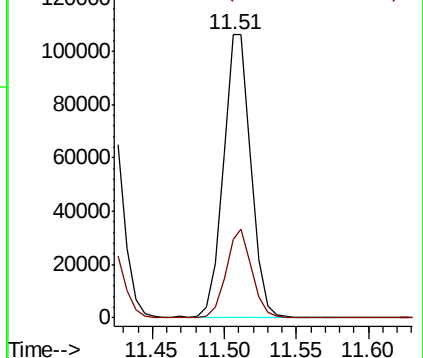
91 100

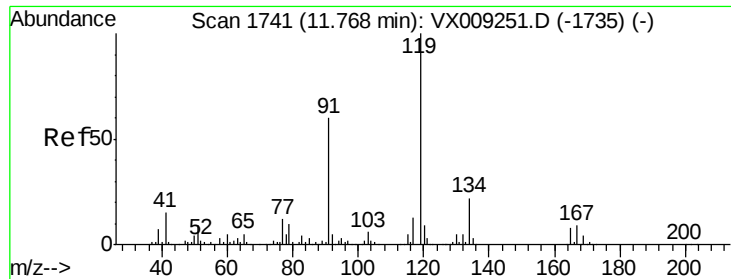
126 28.9 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

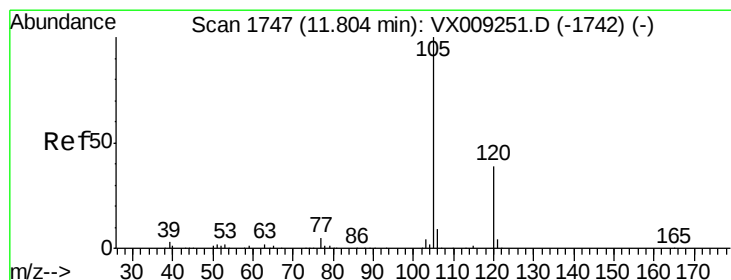
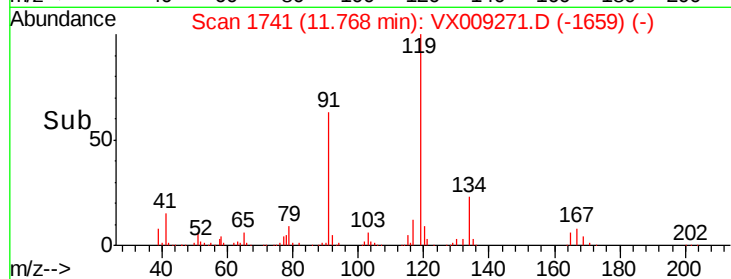
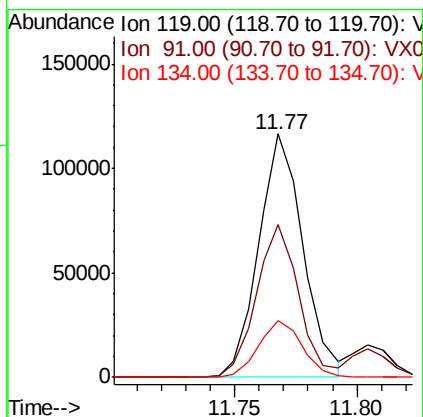
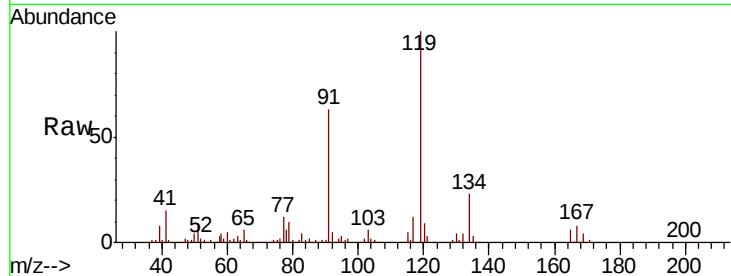




#79
tert-butylbenzene
Concen: 19.872 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

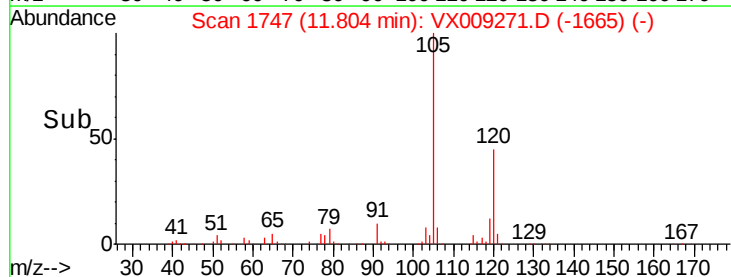
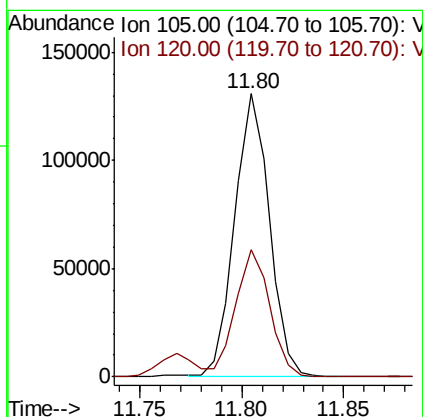
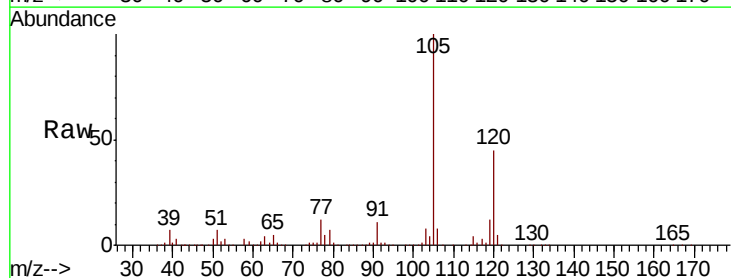
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

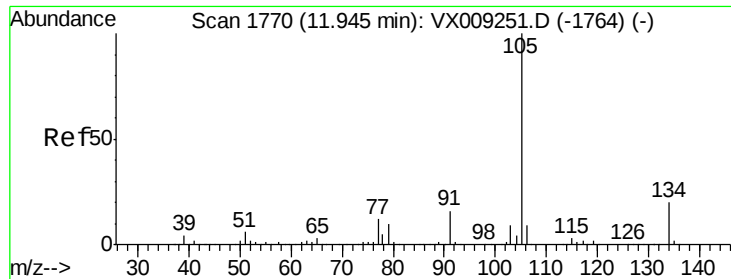
Tot Ion:119 Resp: 147821
Ion Ratio Lower Upper
119 100
91 59.9 0.0 118.2
134 23.0 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 20.033 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009271.D
Acq: 02 May 2019 12:42

Tgt Ion:105 Resp: 154497
Ion Ratio Lower Upper
105 100
120 43.7 0.0 89.6

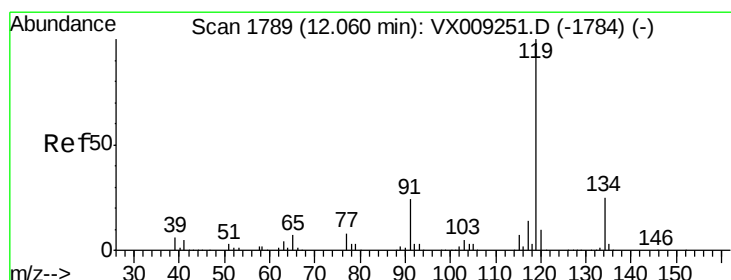
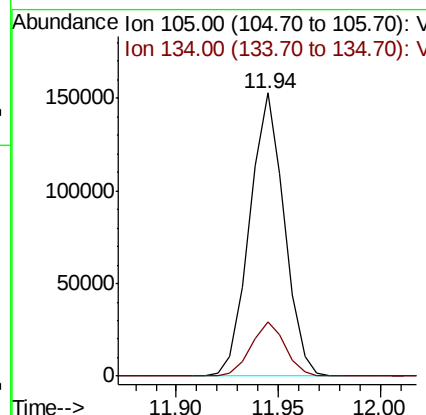
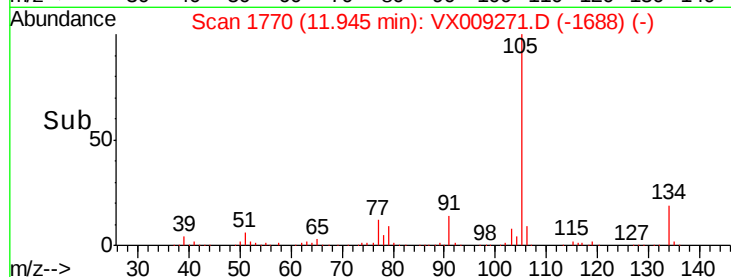
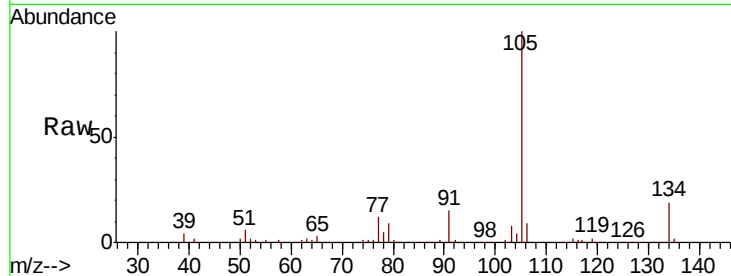




#81
 sec-Butylbenzene
 Concen: 20.352 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

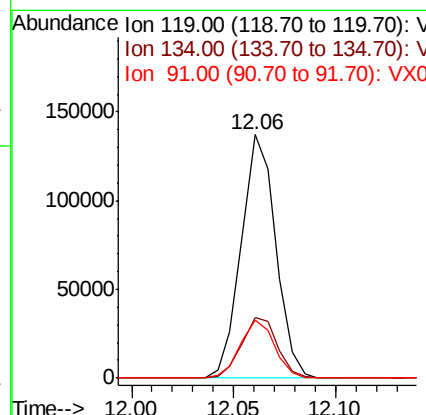
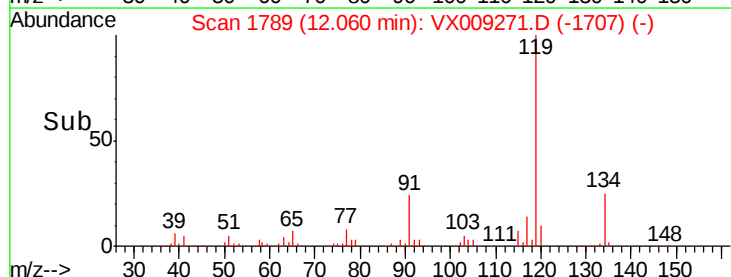
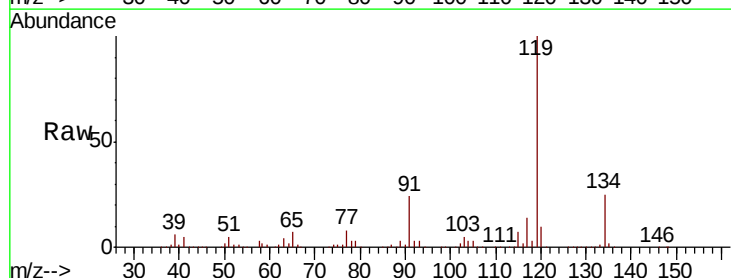
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

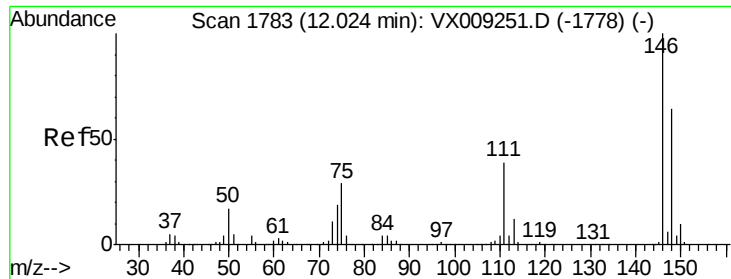
Tot Ion:105 Resp: 179867
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 20.003 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion:119 Resp: 160805
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 50.8
 91 23.8 0.0 47.2

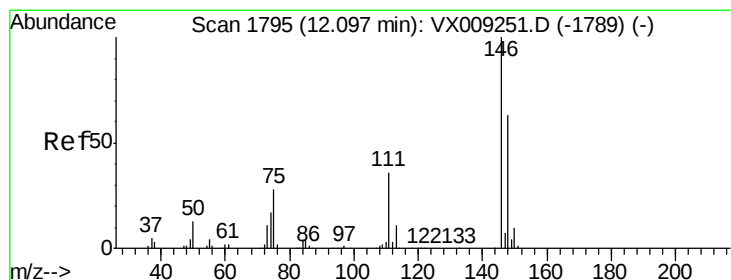
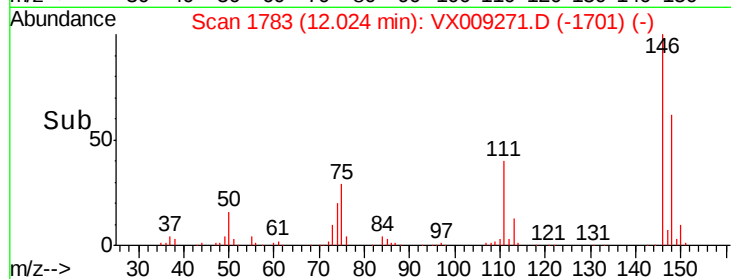
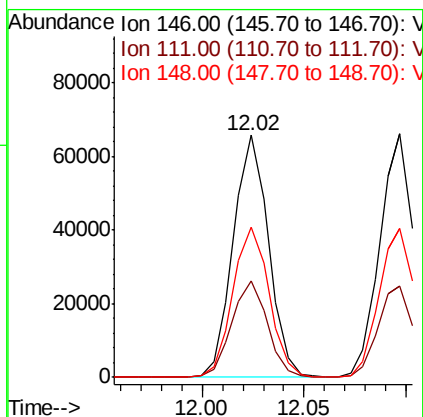
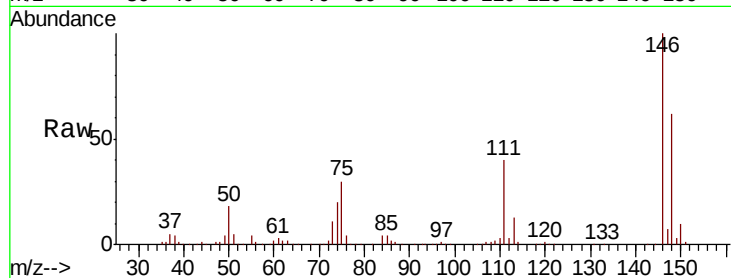




#83
 1,3-Dichlorobenzene
 Concen: 19.628 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

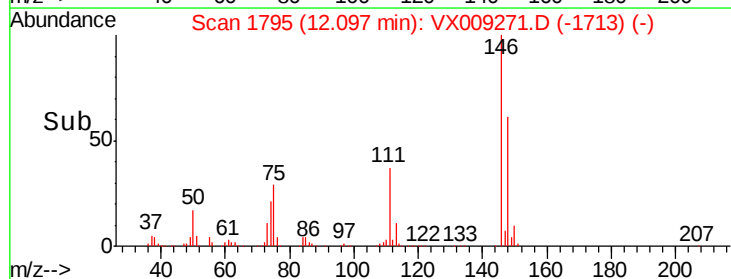
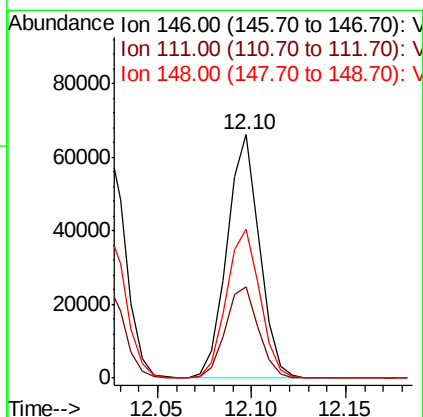
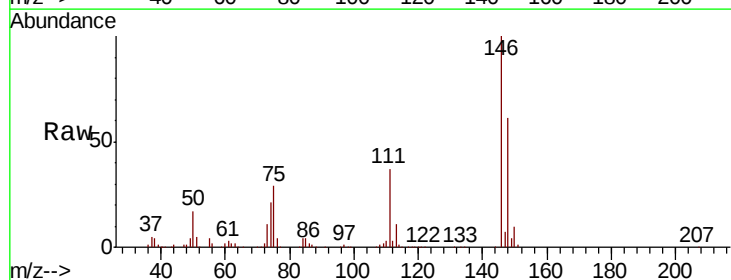
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

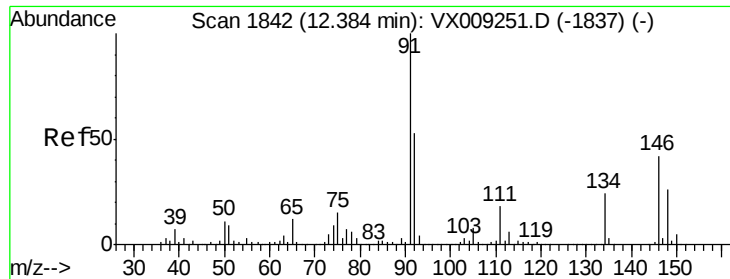
Tot Ion:146 Resp: 78670
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 64.1 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.772 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion:146 Resp: 78956
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.6 58.7
 148 62.6 32.3 96.8





#85

n-Butylbenzene

Concen: 19.813 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

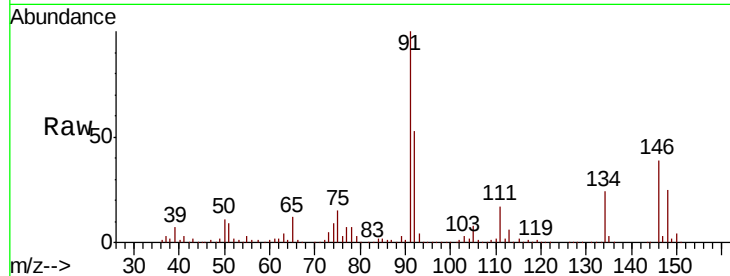
Tot Ion: 91 Resp: 145750

Ion Ratio Lower Upper

91 100

92 52.1 0.0 106.6

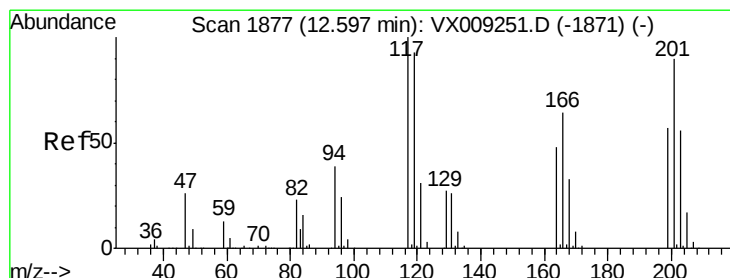
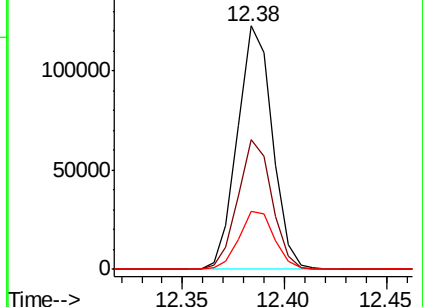
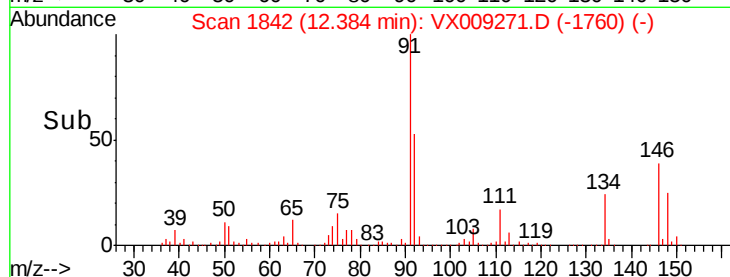
134 24.1 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX009271.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX009271.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX009271.D (-1837) (-)



#86

Hexachloroethane

Concen: 18.984 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009271.D

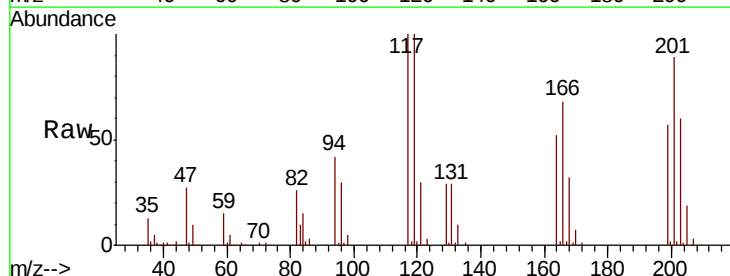
Acq: 02 May 2019 12:42

Tgt Ion: 117 Resp: 25970

Ion Ratio Lower Upper

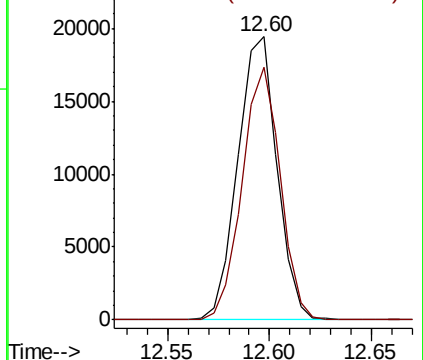
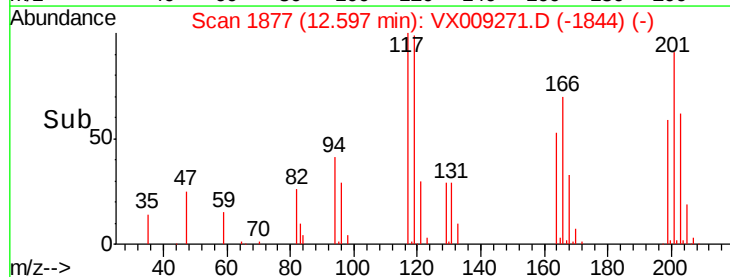
117 100

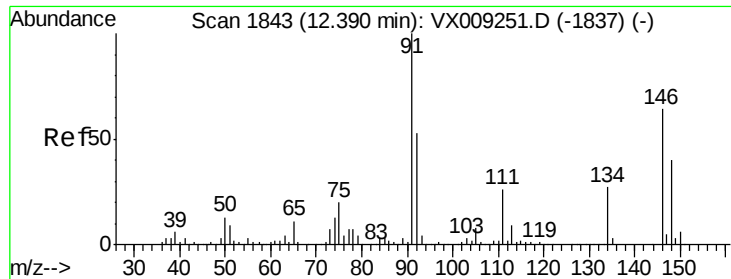
201 86.8 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): VX009271.D (-1844) (-)

Ion 201.00 (200.70 to 201.70): VX009271.D (-1844) (-)

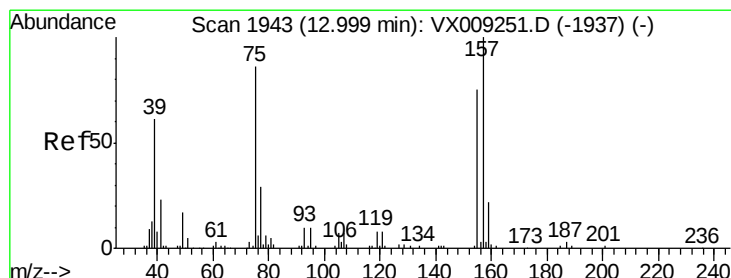
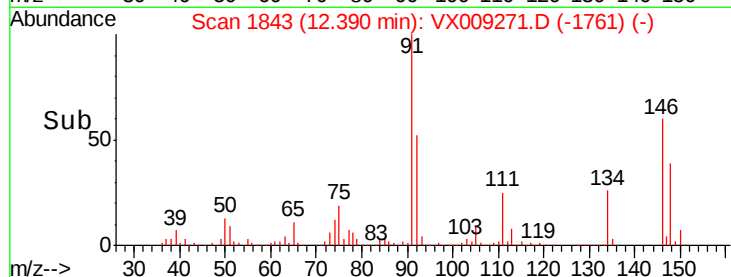
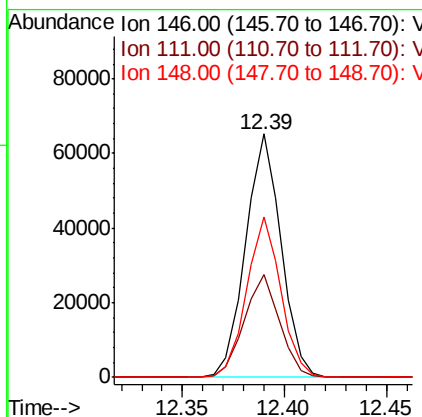
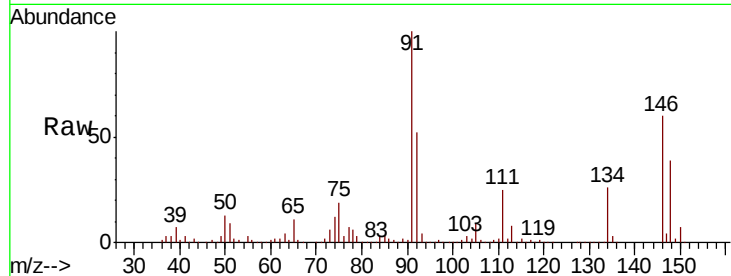




#87
 1,2-Dichlorobenzene
 Concen: 19.599 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

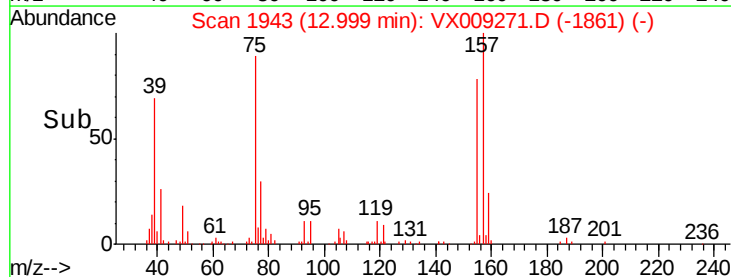
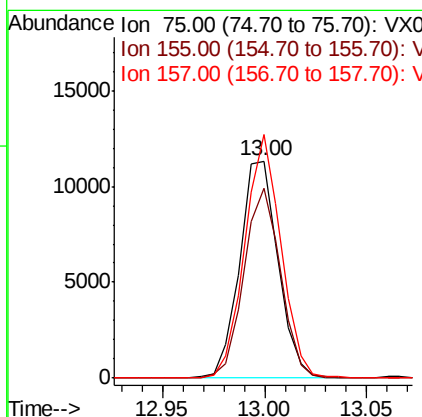
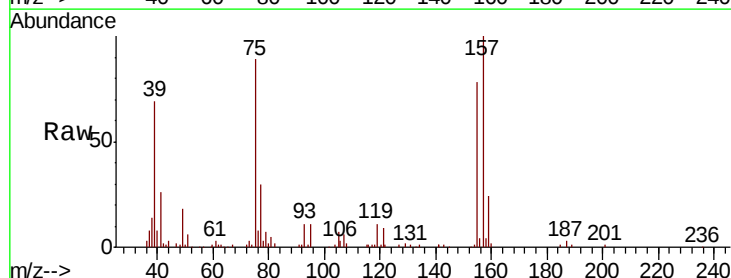
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

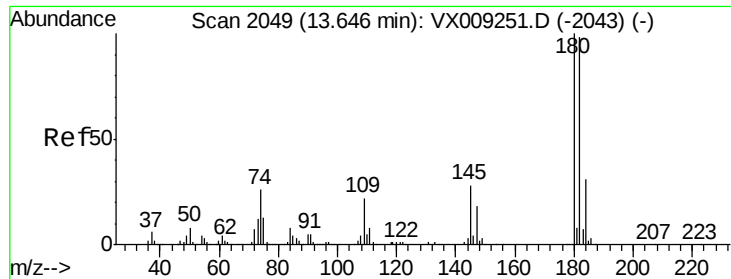
Tot Ion:146 Resp: 79076
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 63.7 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.164 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion: 75 Resp: 14815
 Ion Ratio Lower Upper
 75 100
 155 83.3 65.9 98.9
 157 105.5 85.2 127.8

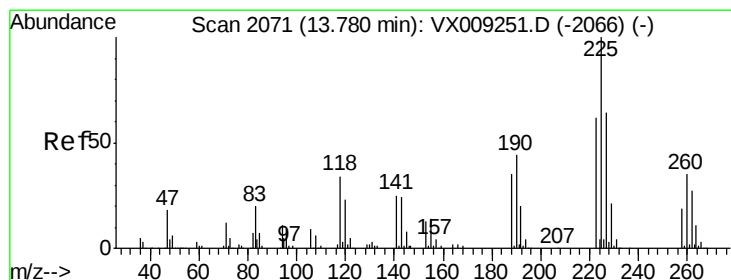
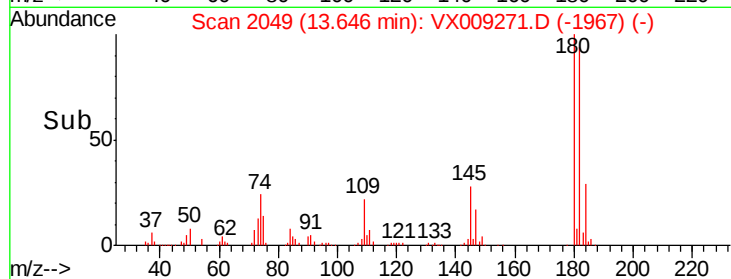
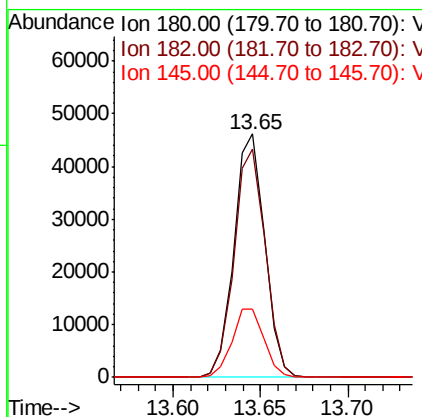
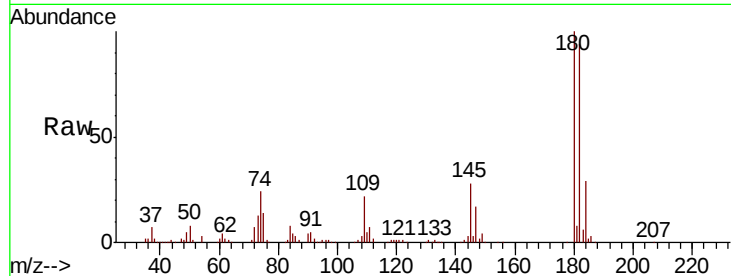




#89
 1,2,4-Trichlorobenzene
 Concen: 19.726 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

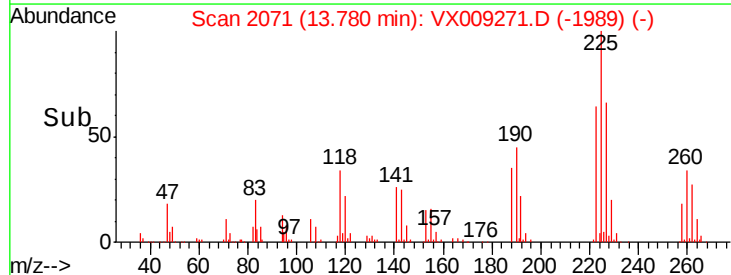
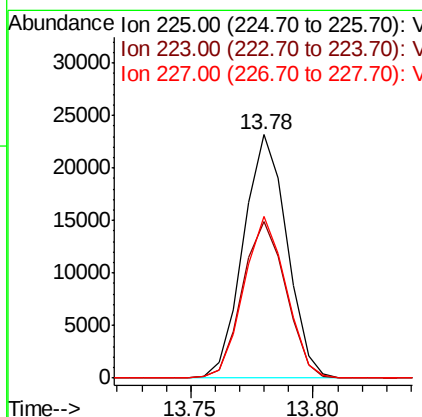
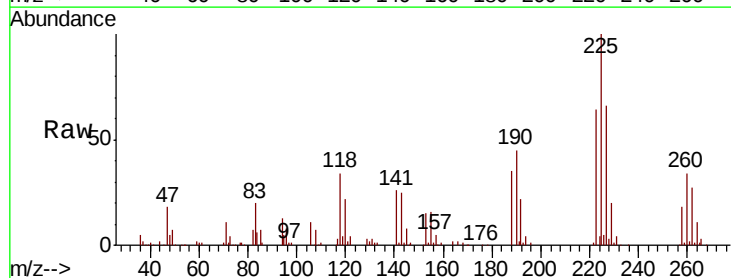
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

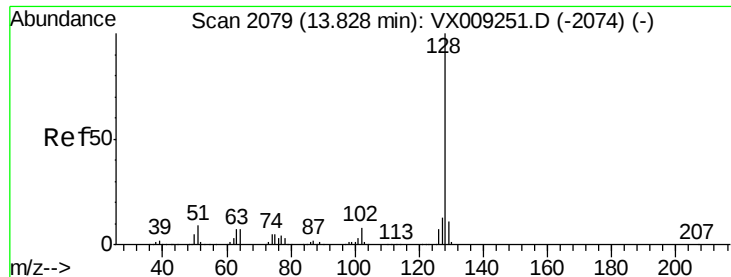
Tot Ion:180 Resp: 56728
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.9 115.3
 145 29.3 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.933 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009271.D
 Acq: 02 May 2019 12:42

Tgt Ion:225 Resp: 28633
 Ion Ratio Lower Upper
 225 100
 223 64.3 0.0 126.6
 227 64.5 0.0 130.0





#91

Naphthalene

Concen: 20.269 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

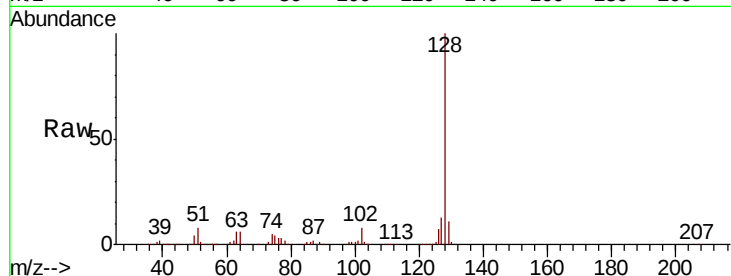
Tot Ion:128 Resp: 190847

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

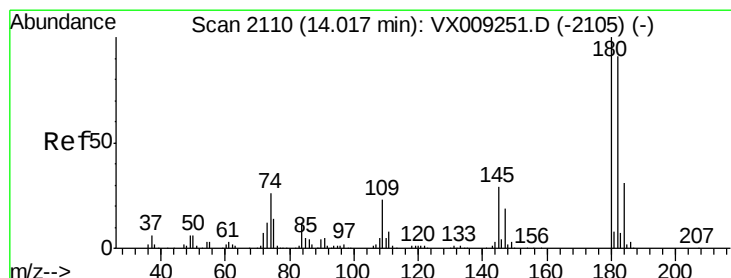
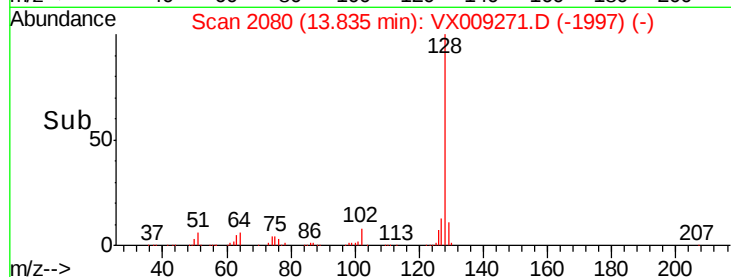
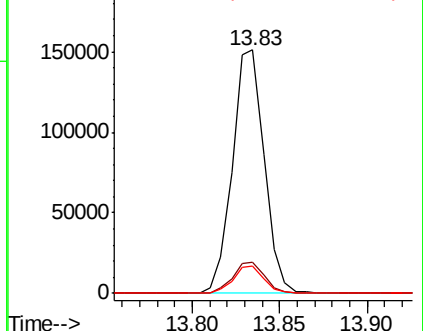
129 10.8 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 20.574 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009271.D

Acq: 02 May 2019 12:42

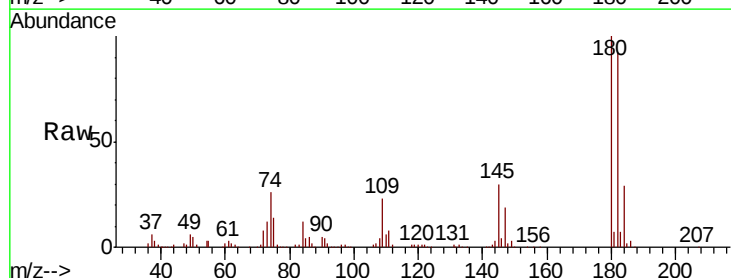
Tgt Ion:180 Resp: 60143

Ion Ratio Lower Upper

180 100

182 94.1 0.0 189.0

145 30.6 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

