

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009265.D
 Acq On : 02 May 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: May 03 07:05:01 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	32662	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	186639	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	164272	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	79395	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.13	95	83614	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	239393	30.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	34842	20.075 ug/l	99
3) Chloromethane	1.32	50	46449	19.911 ug/l	100
4) Vinyl Chloride	1.40	62	45202	19.423 ug/l	97
5) Bromomethane	1.64	94	25489	17.278 ug/l	95
6) Chloroethane	1.72	64	27894	18.276 ug/l	98
7) Trichlorofluoromethane	1.93	101	57202	19.905 ug/l	99
8) Diethyl Ether	2.18	74	26108	19.566 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36992	20.791 ug/l	98
10) 1,1-Dichloroethene	2.37	96	35553	19.901 ug/l	98
11) Methyl Iodide	2.51	142	33908	17.460 ug/l	96
12) Methyl Acetate	2.77	43	61864	18.385 ug/l	100
13) Acrolein	2.29	56	39173	84.878 ug/l	99
14) Acrylonitrile	3.14	53	137665	94.270 ug/l	100
15) Acetone	2.44	58	41159	98.166 ug/l	98
16) Carbon Disulfide	2.57	76	94267	19.502 ug/l	99
17) Allyl chloride	2.73	41	83318	19.426 ug/l	100
18) Methylene Chloride	2.85	84	42292	19.588 ug/l	95
19) trans-1,2-Dichloroethene	3.16	96	37216	19.538 ug/l	99
20) Diisopropyl ether	3.85	45	165526	19.598 ug/l	95
21) 1,1-Dichloroethane	3.69	63	79589	19.471 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	44599	19.438 ug/l	98
23) tert-Butyl Alcohol	3.04	59	56102	90.855 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	133667	19.119 ug/l	100
25) Chloroform	5.21	83	73142	19.609 ug/l	95
26) Cyclohexane	5.57	56	75966	19.941 ug/l	# 98
29) 1,1-Dichloropropene	5.79	75	56003	20.450 ug/l	100
30) 2-Butanone	4.67	43	211554	98.639 ug/l	100
31) 2,2-Dichloropropane	4.58	77	60848	20.154 ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	59333	19.985 ug/l	98
33) Carbon Tetrachloride	5.78	117	49558	19.951 ug/l	99
34) Benzene	6.13	78	171296	20.288 ug/l	99
35) Methacrylonitrile	5.04	41	44908	20.013 ug/l	97
36) 1,2-Dichloroethane	6.19	62	62397	20.367 ug/l	98
37) Trichloroethene	7.21	130	41067	20.206 ug/l	95
38) Methylcyclohexane	7.46	83	70786	20.921 ug/l	99
39) 1,2-Dichloropropane	7.51	63	48373	20.119 ug/l	100
40) Dibromomethane	7.66	93	27846	20.406 ug/l	99

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 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)
41) Bromodichloromethane	7.90	83	55519	19.918	ug/l	100
42) Vinyl Acetate	3.81	43	710633	100.392	ug/l	99
43) Ethyl Acetate	4.82	43	75897	19.584	ug/l	99
44) Isopropyl Acetate	6.44	43	120259	19.155	ug/l	100
45) 1,4-Dioxane	7.74	88	23729	384.963	ug/l	98
46) Methyl methacrylate	7.76	41	59821	19.090	ug/l	98
47) n-amyl Acetate	10.90	43	106988	18.917	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	63017	19.376	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	70334	19.699	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	41310	19.759	ug/l	97
51) Ethyl methacrylate	9.18	69	74243	19.216	ug/l	96
52) 1,3-Dichloropropane	9.37	76	74079	19.965	ug/l	100
53) Dibromochloromethane	9.58	129	41690	20.022	ug/l	99
54) 1,2-Dibromoethane	9.67	107	42280	19.718	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	206059	100.088	ug/l	100
56) Bromoform	10.85	173	29870	18.688	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	393728	97.475	ug/l	100
59) 2-Hexanone	9.49	43	314253	99.191	ug/l	100
61) Tetrachloroethene	9.34	164	39017	21.545	ug/l	98
62) Toluene	8.78	91	178911	20.382	ug/l	99
64) Chlorobenzene	10.13	112	107533	20.355	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	38664	19.988	ug/l	99
66) Ethyl Benzene	10.25	91	200046	20.457	ug/l	98
67) m/p-Xylenes	10.35	106	147434	41.294	ug/l	99
68) o-Xylene	10.69	106	71407	20.340	ug/l	99
69) Styrene	10.71	104	125325	20.336	ug/l	99
70) Isopropylbenzene	11.02	105	194882	20.641	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	67982	19.661	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	80230	26.926	ug/l	83
73) Bromobenzene	11.25	156	47392	20.316	ug/l	99
74) n-propylbenzene	11.36	91	225551	20.615	ug/l	100
75) 2-Chlorotoluene	11.42	91	134961	20.566	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	166014	20.758	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22407	18.643	ug/l	99
78) 4-Chlorotoluene	11.51	91	152229	20.424	ug/l	100
79) tert-butylbenzene	11.77	119	157049	20.313	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	164768	20.555	ug/l	100
81) sec-Butylbenzene	11.94	105	190191	20.705	ug/l	100
82) p-Isopropyltoluene	12.06	119	172390	20.631	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	84206	20.213	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	83415	20.098	ug/l	99
85) n-Butylbenzene	12.38	91	158112	20.680	ug/l	99
86) Hexachloroethane	12.59	117	27263	19.175	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	85154	20.306	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15316	19.062	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	61014	20.413	ug/l	99
90) Hexachlorobutadiene	13.78	225	30649	20.528	ug/l	99
91) Naphthalene	13.83	128	197347	20.166	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	62891	20.699	ug/l	99

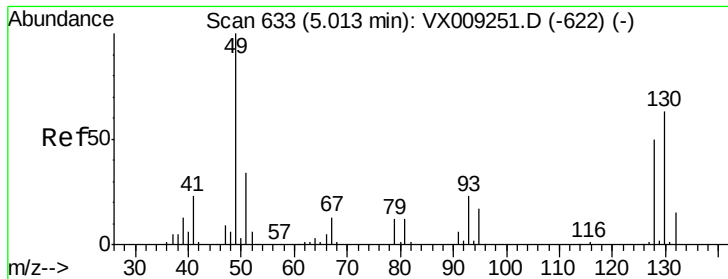
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

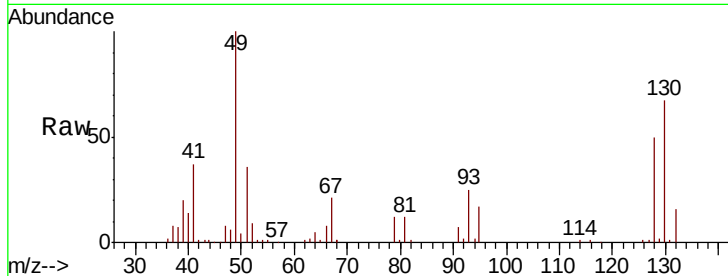
Tot Ion:128 Resp: 32662

Ion Ratio Lower Upper

128 100

49 201.8 0.0 515.0

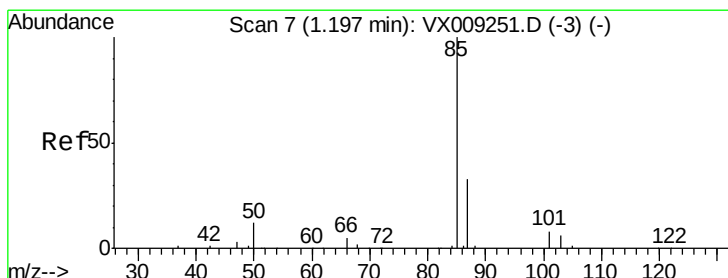
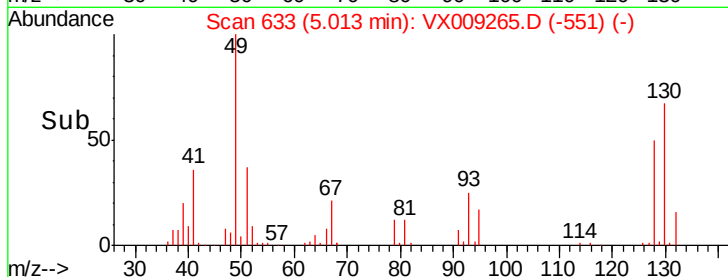
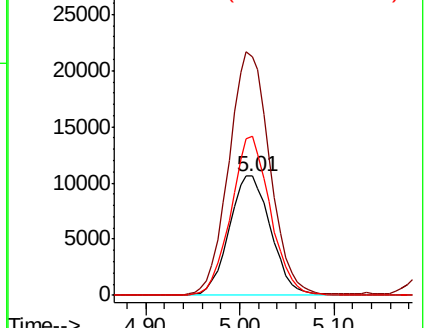
130 126.2 0.0 323.3



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: 20.075 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009265.D

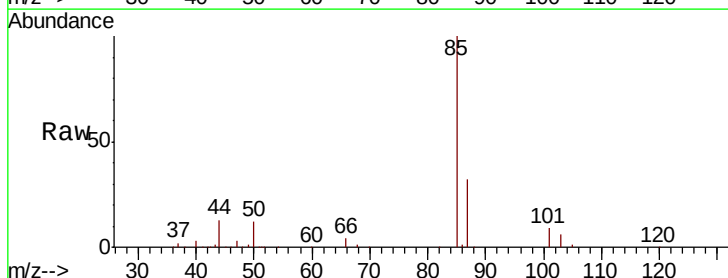
Acq: 02 May 2019 09:50

Tgt Ion: 85 Resp: 34842

Ion Ratio Lower Upper

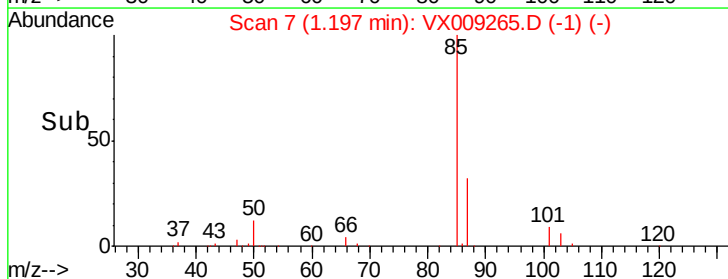
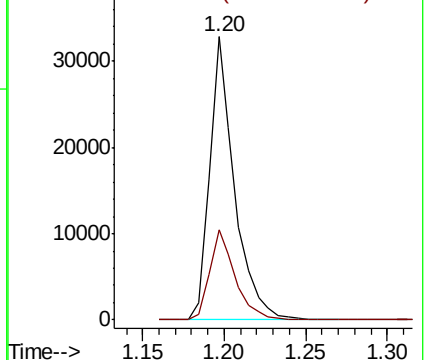
85 100

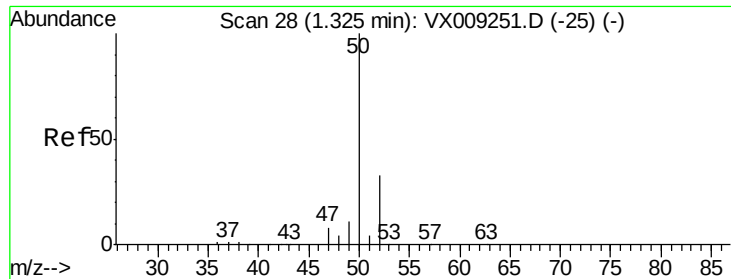
87 31.8 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.911 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

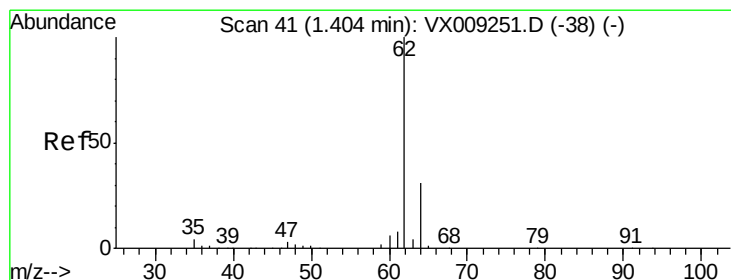
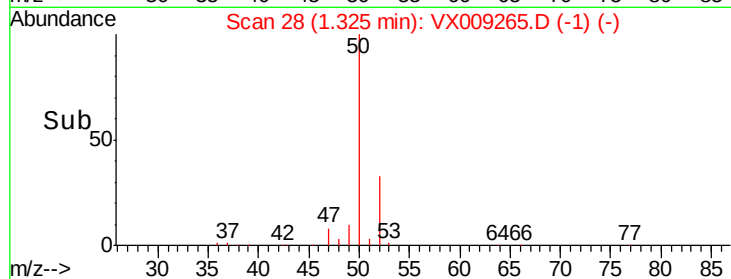
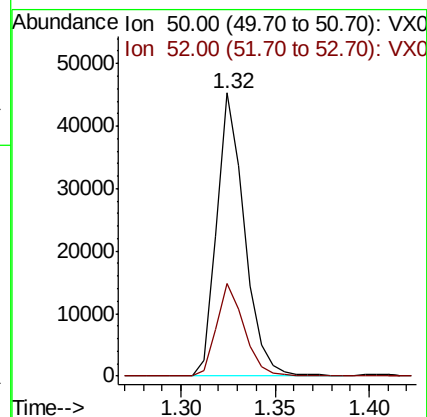
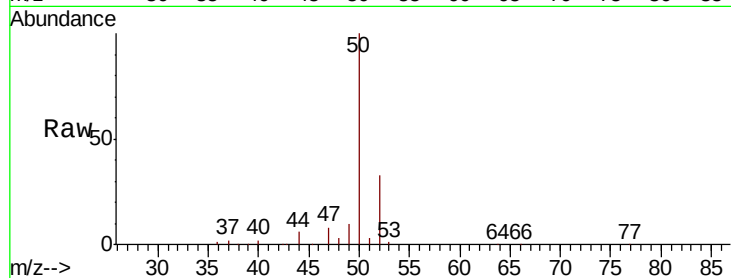
VSTDCCC020

Tot Ion: 50 Resp: 46449

Ion Ratio Lower Upper

50 100

52 33.0 26.3 39.5



#4

Vinyl Chloride

Concen: 19.423 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009265.D

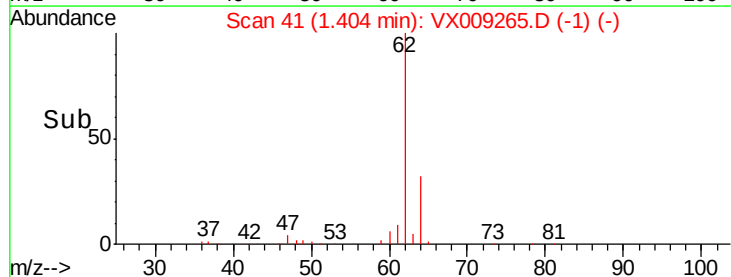
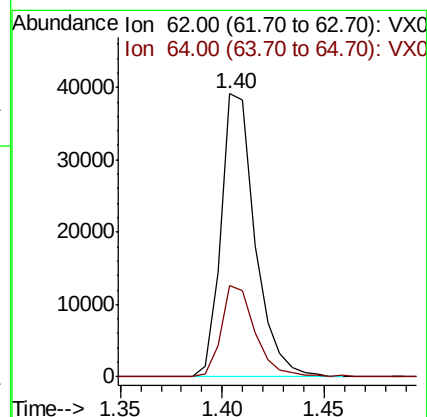
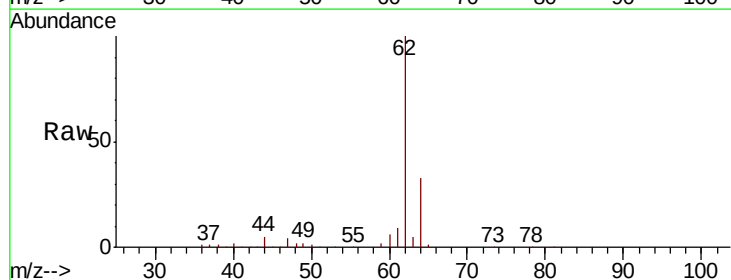
Acq: 02 May 2019 09:50

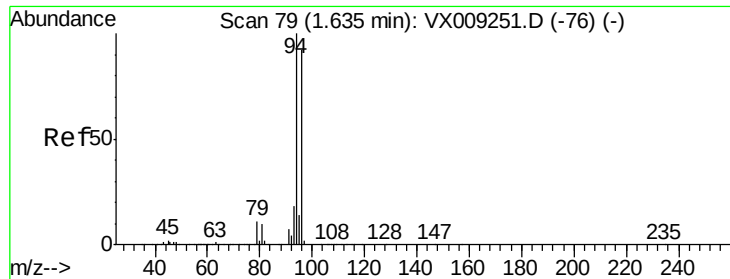
Tgt Ion: 62 Resp: 45202

Ion Ratio Lower Upper

62 100

64 32.4 24.6 36.8





#5

Bromomethane

Concen: 17.278 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

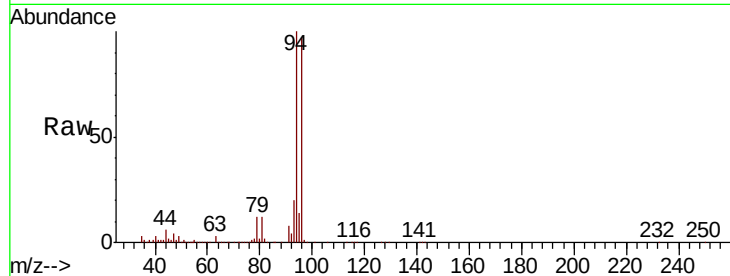
VSTDCCC020

Tot Ion: 94 Resp: 25489

Ion Ratio Lower Upper

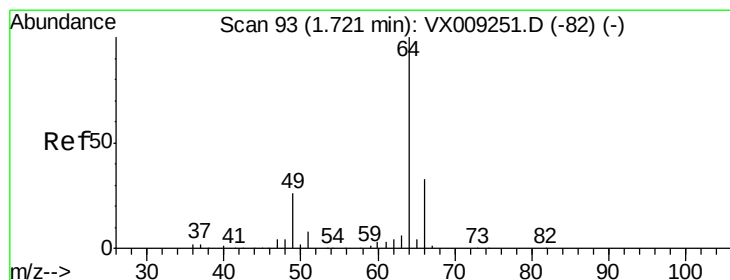
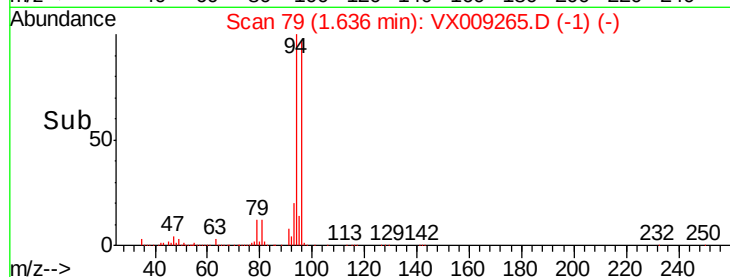
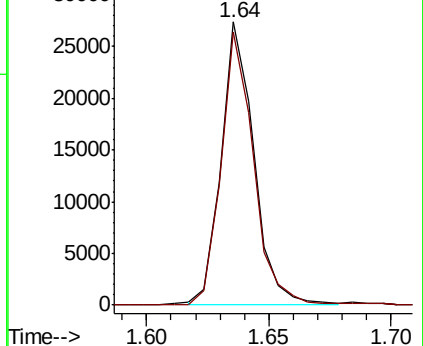
94 100

96 96.8 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: 18.276 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009265.D

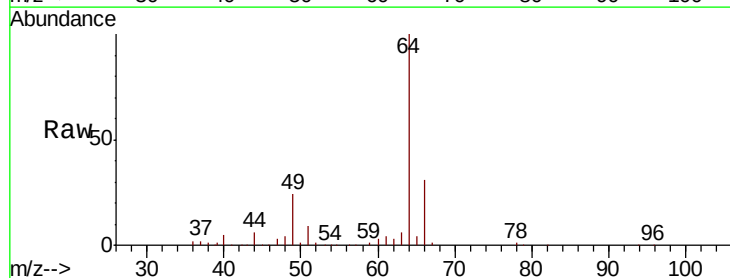
Acq: 02 May 2019 09:50

Tgt Ion: 64 Resp: 27894

Ion Ratio Lower Upper

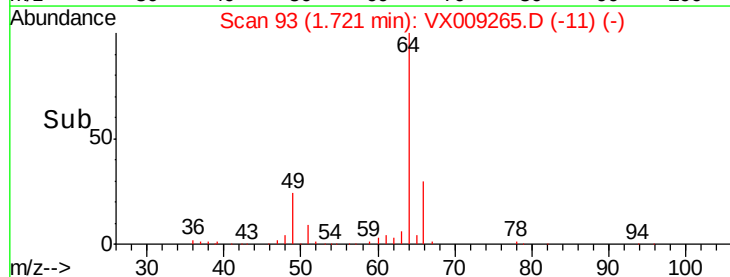
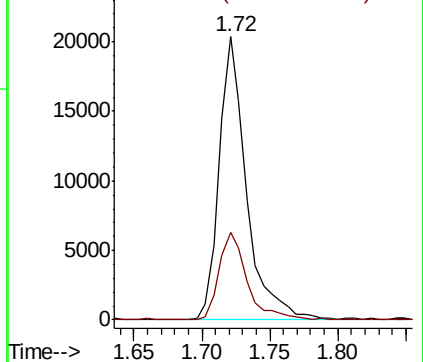
64 100

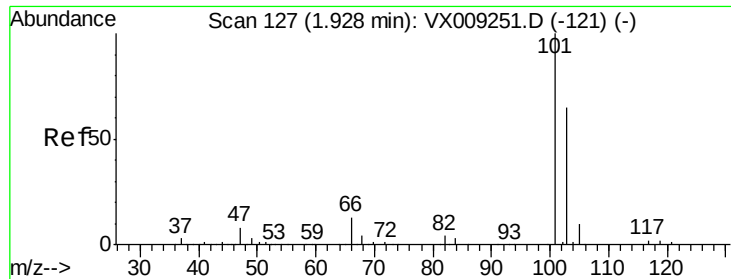
66 31.1 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



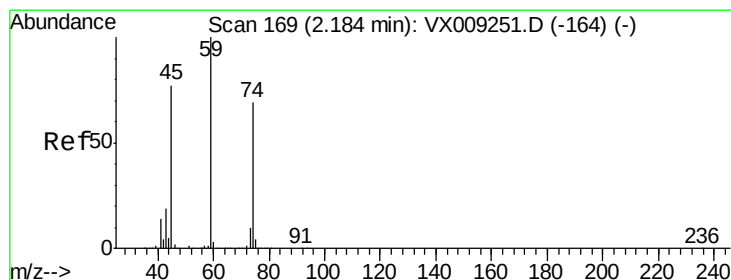
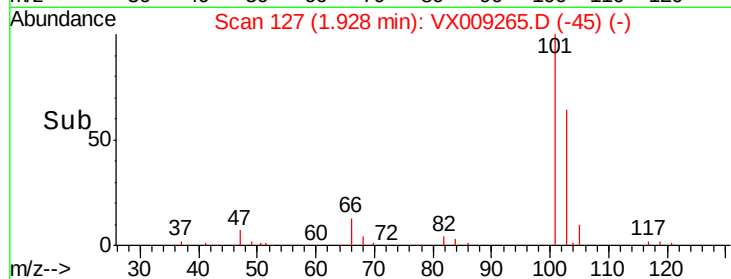
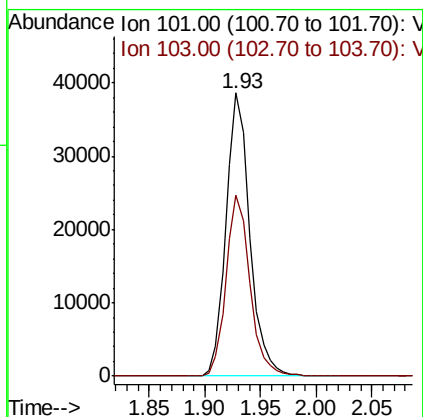
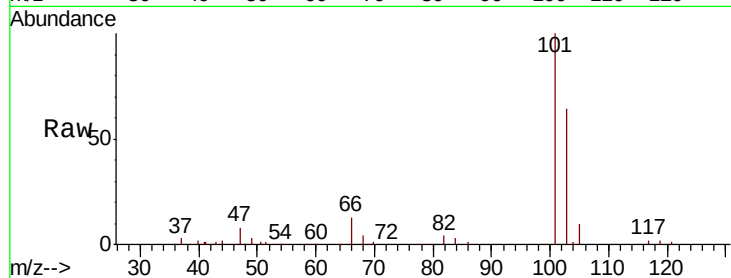


#7

Trichlorofluoromethane
Concen: 19.905 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
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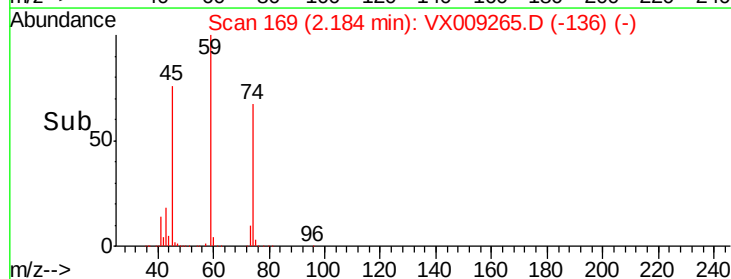
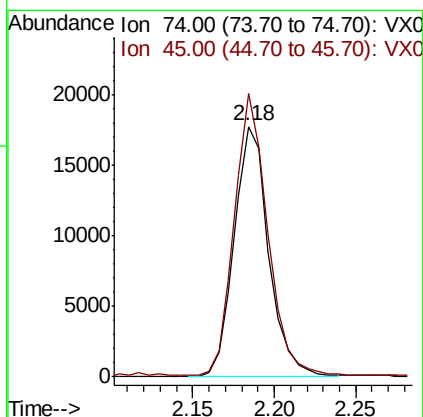
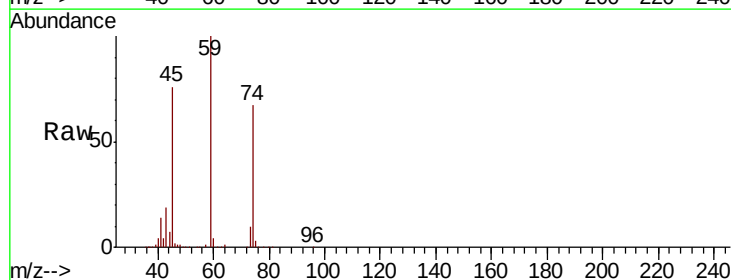
Tot Ion:101 Resp: 57202
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

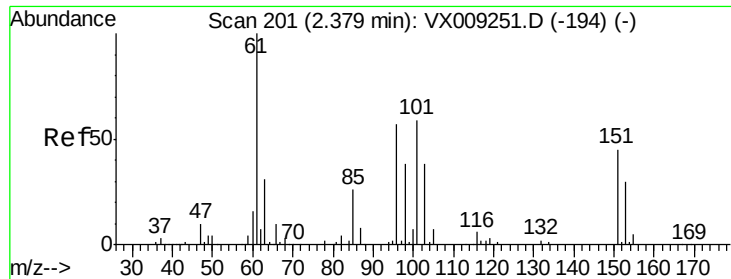


#8

Diethyl Ether
Concen: 19.566 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 74 Resp: 26108
Ion Ratio Lower Upper
74 100
45 110.1 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.791 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

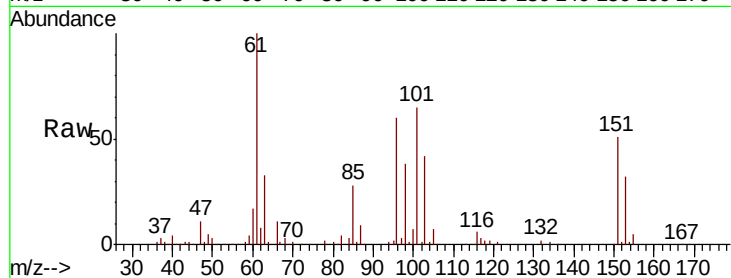
Tot Ion:101 Resp: 36992

Ion Ratio Lower Upper

101 100

85 42.6 0.0 87.4

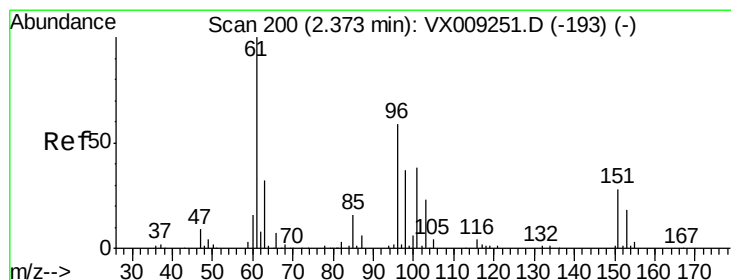
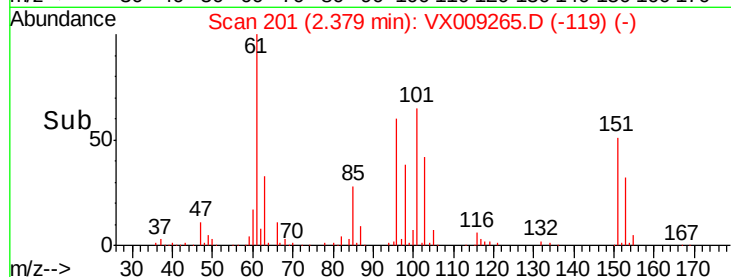
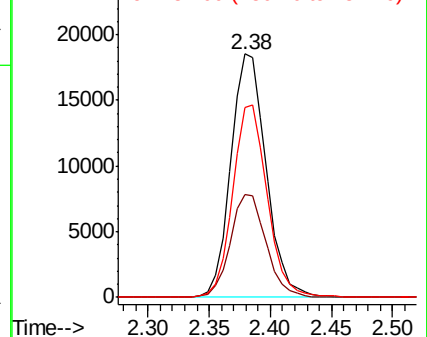
151 77.3 0.0 157.0



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: 19.901 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

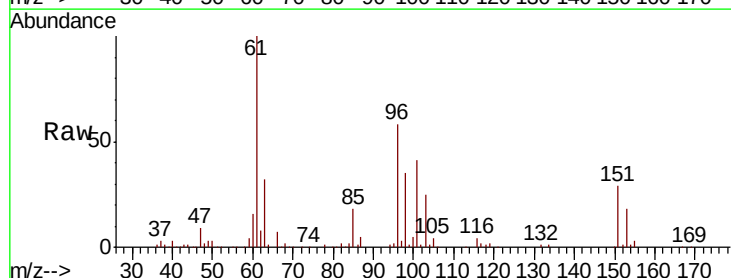
Tgt Ion: 96 Resp: 35553

Ion Ratio Lower Upper

96 100

61 172.1 136.5 204.7

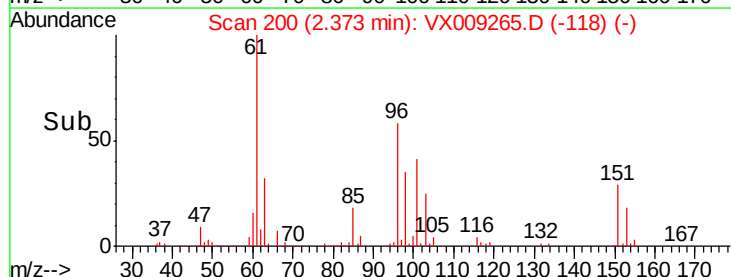
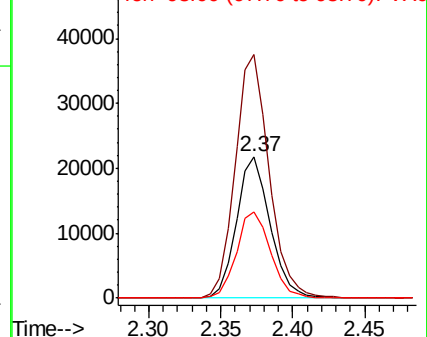
98 61.0 51.0 76.4

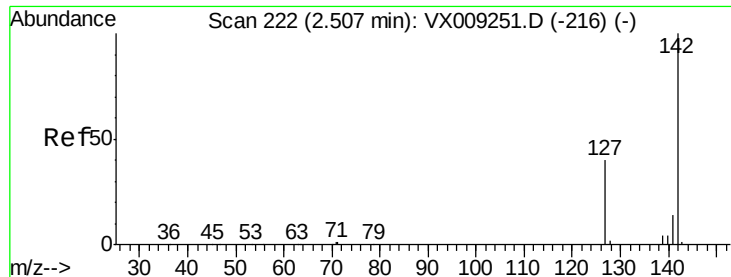


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

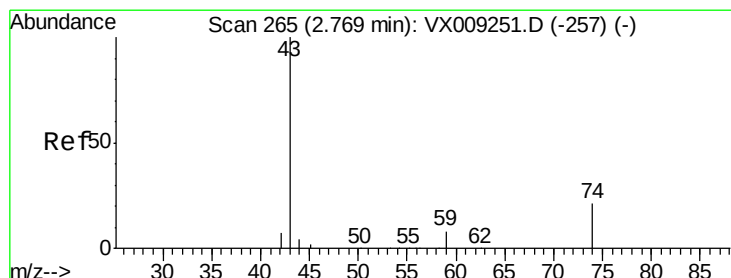
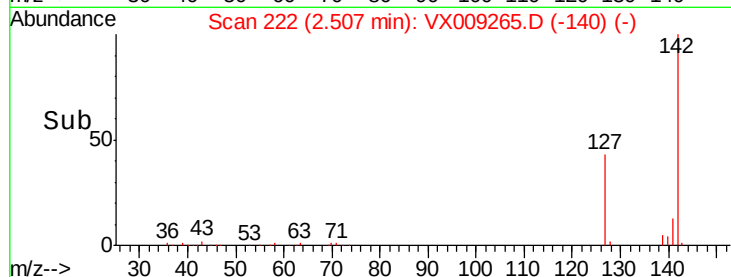
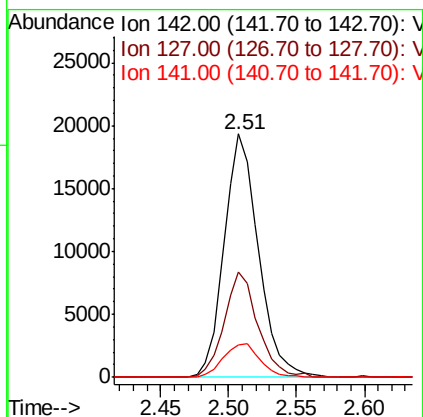
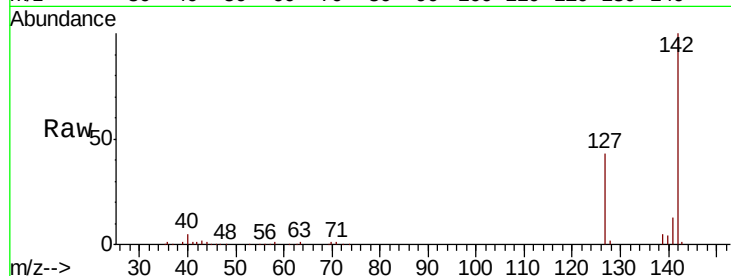




#11
Methyl Iodide
Concen: 17.460 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

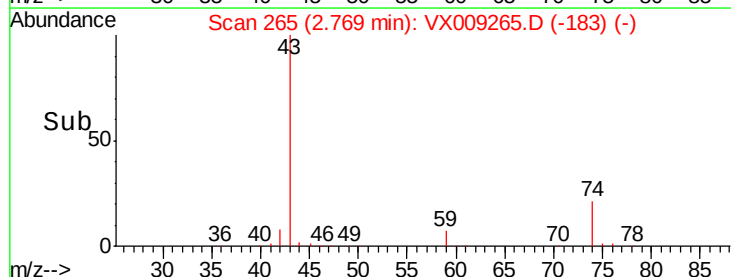
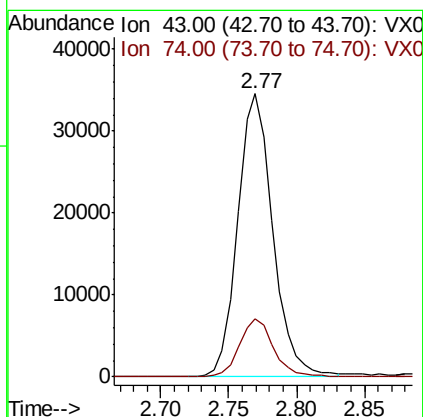
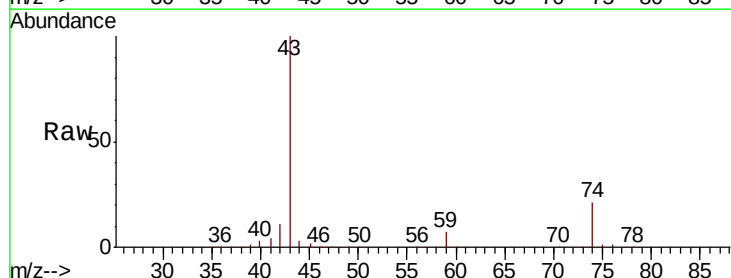
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

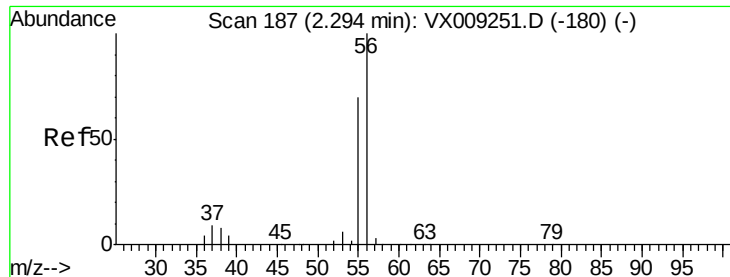
Tot Ion:142 Resp: 33908
Ion Ratio Lower Upper
142 100
127 43.4 20.2 60.5
141 13.4 6.9 20.7



#12
Methyl Acetate
Concen: 18.385 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 43 Resp: 61864
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7





#13

Acrolein

Concen: 84.878 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

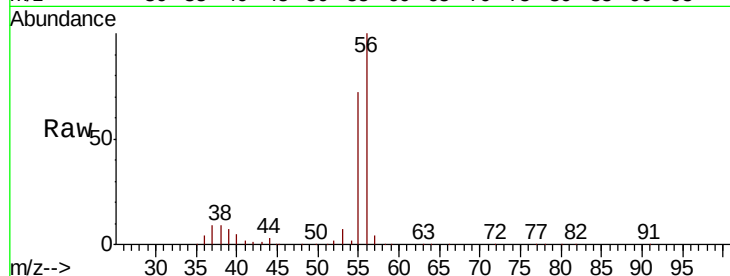
VSTDCCC020

Tot Ion: 56 Resp: 39173

Ion Ratio Lower Upper

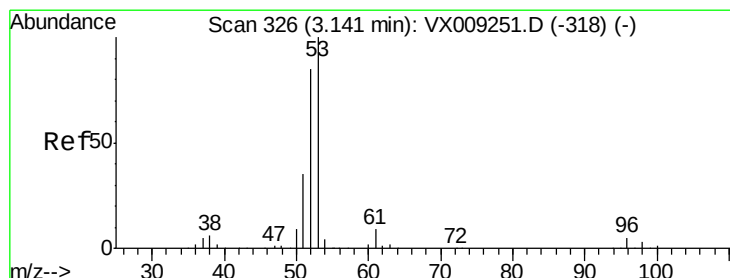
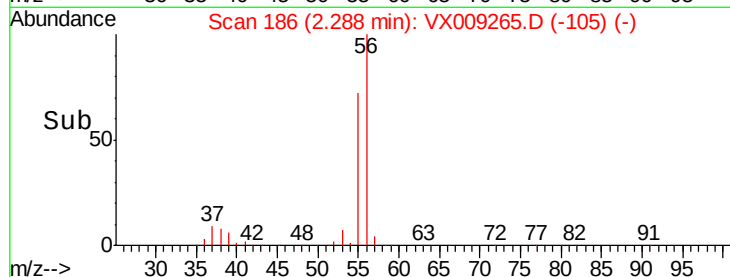
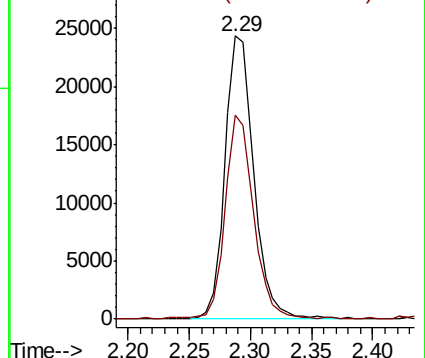
56 100

55 72.0 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: 94.270 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

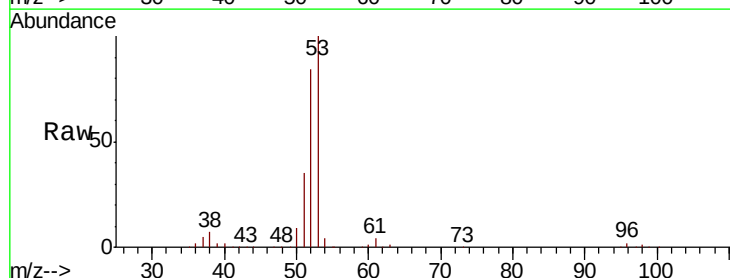
Tgt Ion: 53 Resp: 137665

Ion Ratio Lower Upper

53 100

52 83.5 41.5 124.5

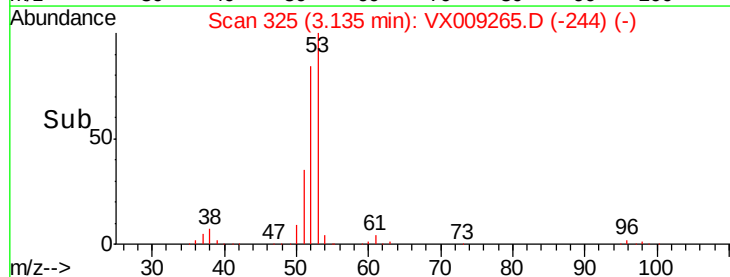
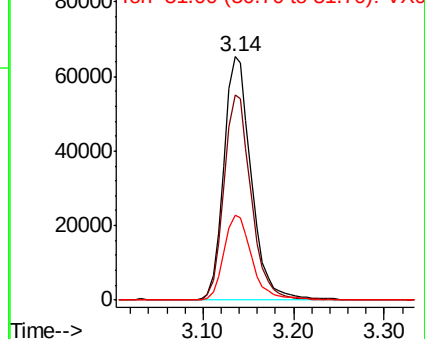
51 35.5 17.8 53.3

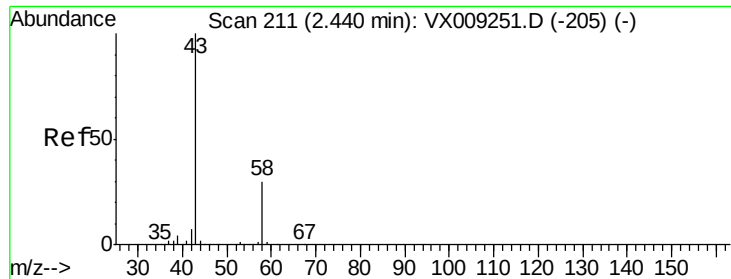


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

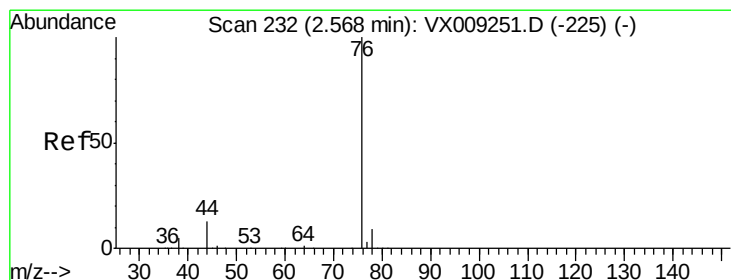
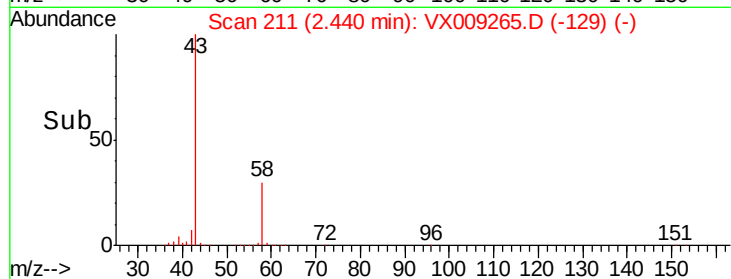
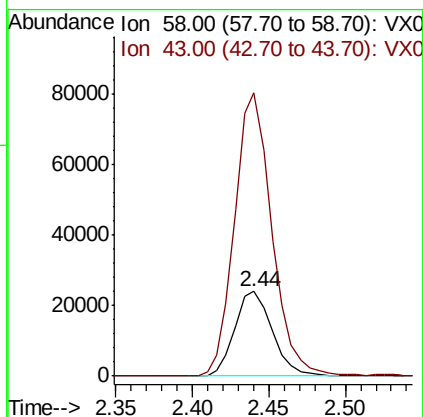
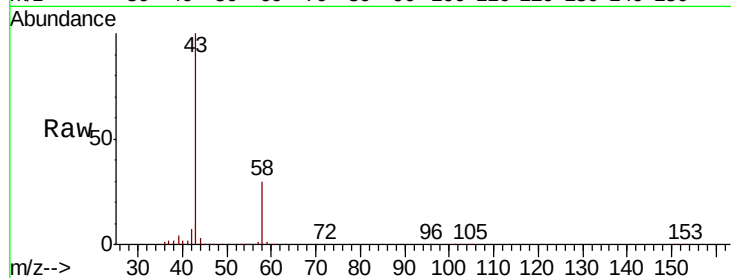




#15
Acetone
Concen: 98.166 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

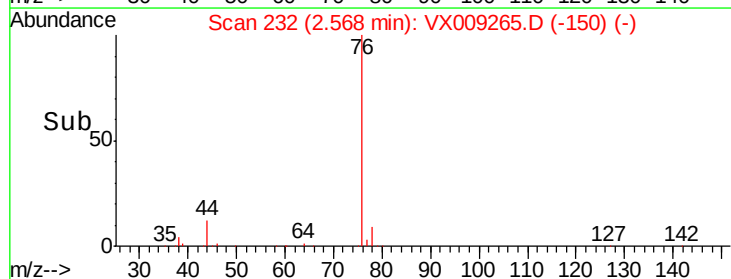
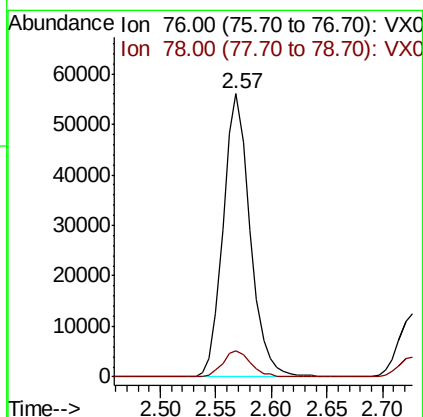
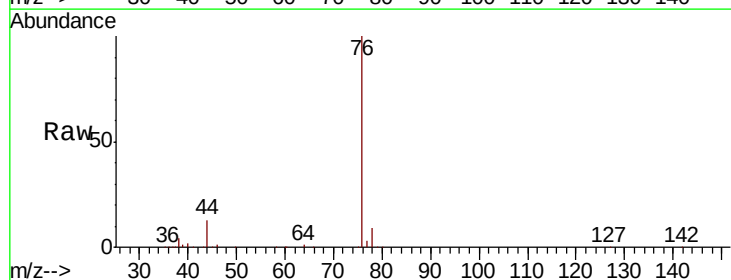
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

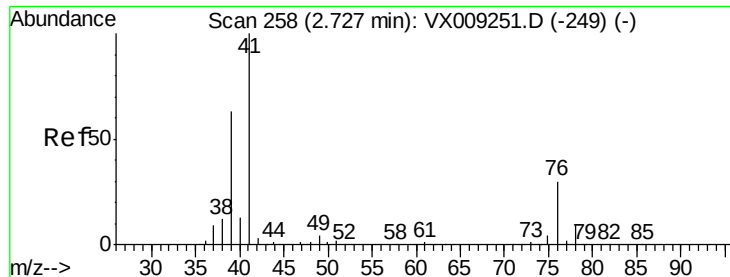
Tot Ion: 58 Resp: 41159
Ion Ratio Lower Upper
58 100
43 334.3 264.0 396.0



#16
Carbon Disulfide
Concen: 19.502 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 76 Resp: 94267
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

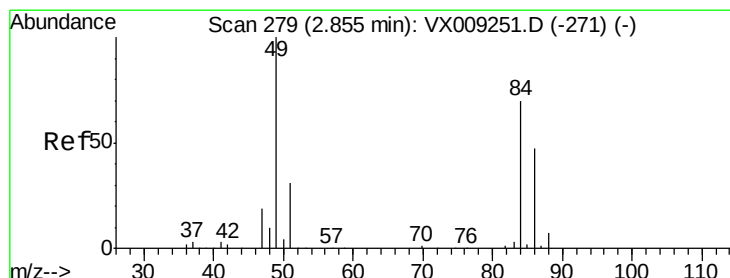
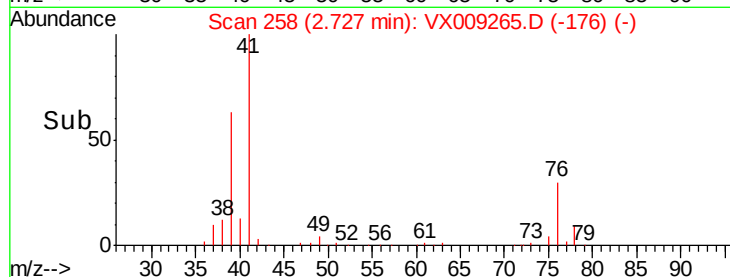
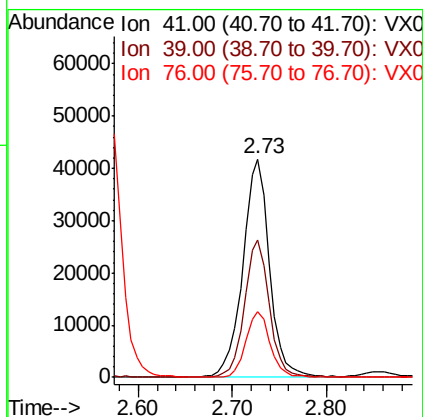
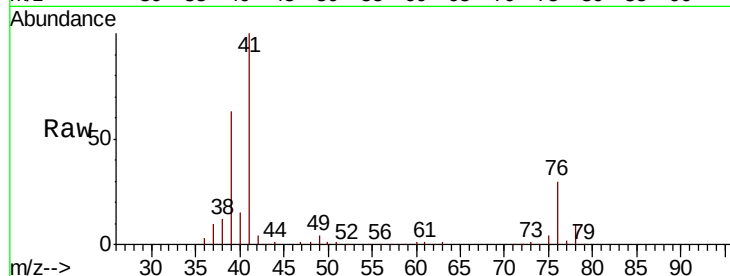




#17
Allvl chloride
Concen: 19.426 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

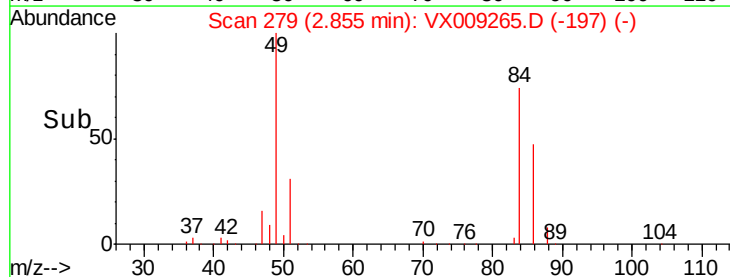
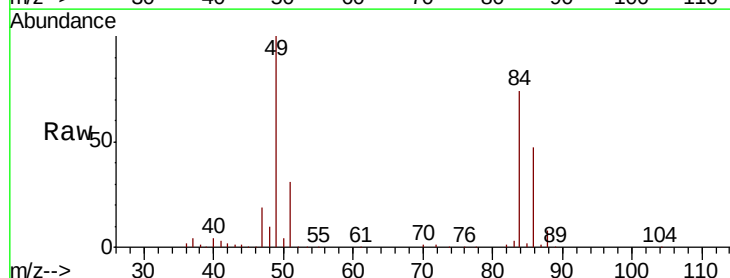
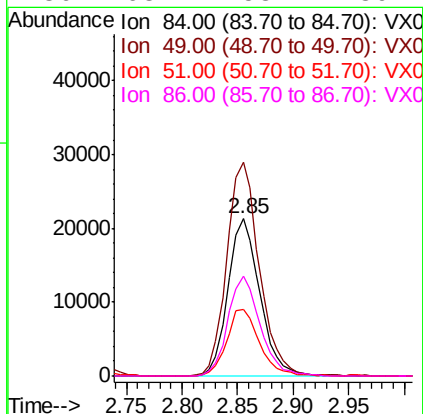
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

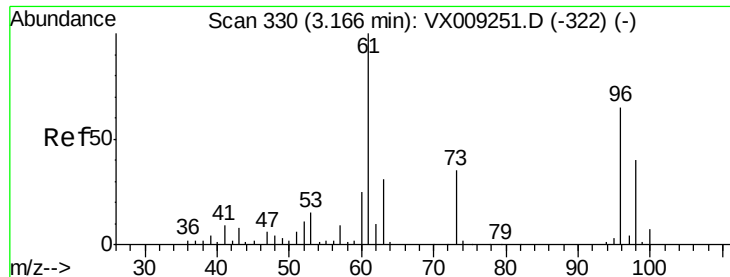
Tot Ion: 41 Resp: 83318
Ion Ratio Lower Upper
41 100
39 62.9 31.6 94.7
76 30.0 15.1 45.3



#18
Methylene Chloride
Concen: 19.588 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 84 Resp: 42292
Ion Ratio Lower Upper
84 100
49 135.7 114.6 171.8
51 42.2 35.5 53.3
86 63.2 53.4 80.2

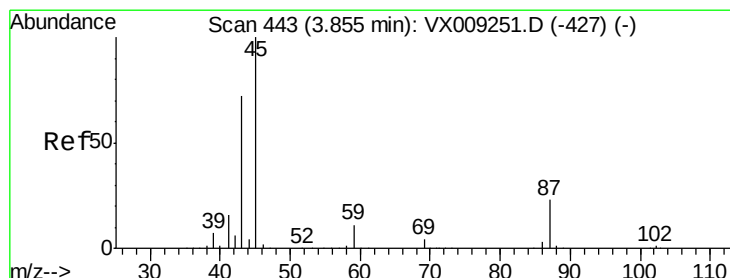
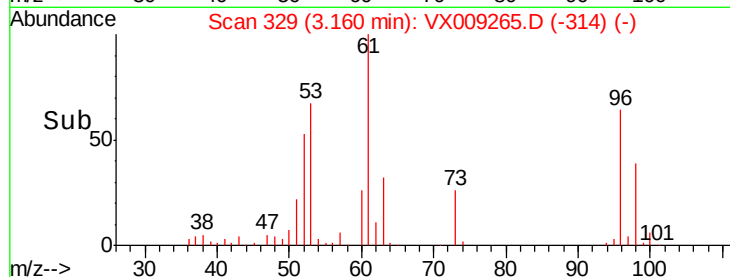
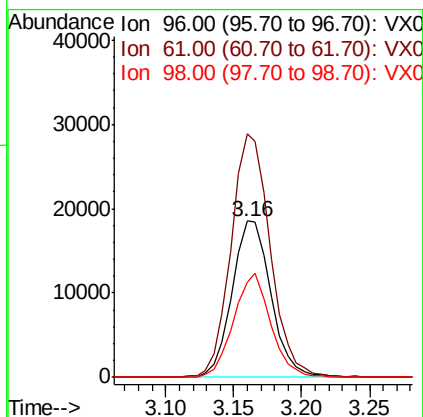
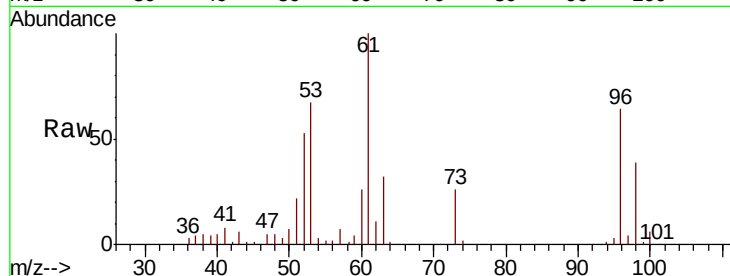




#19
trans-1,2-Dichloroethene
Concen: 19.538 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

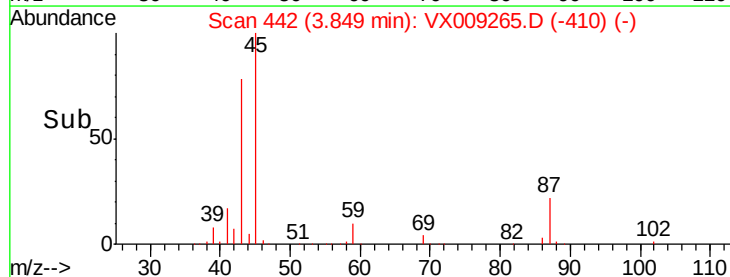
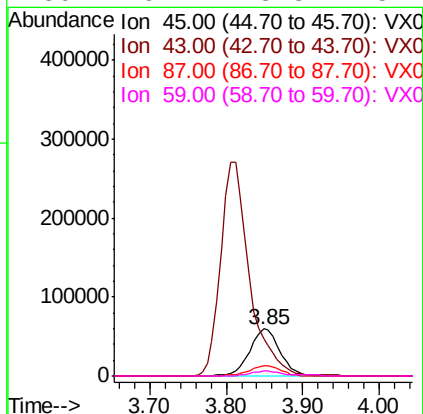
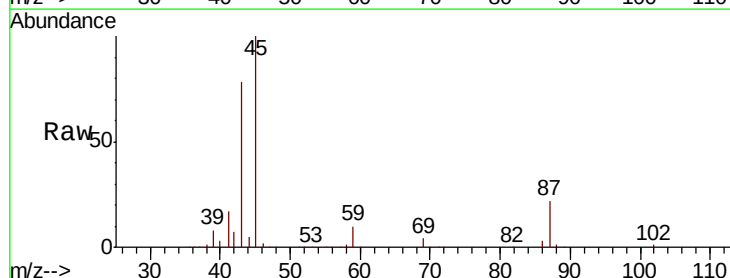
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

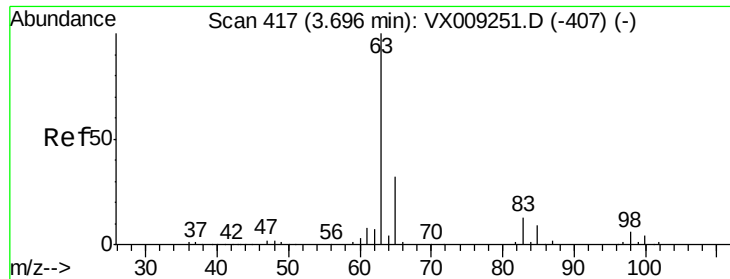
Tot Ion: 96 Resp: 37216
Ion Ratio Lower Upper
96 100
61 155.2 122.7 184.1
98 61.2 49.5 74.3



#20
Diisopropyl ether
Concen: 19.598 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 45 Resp: 165526
Ion Ratio Lower Upper
45 100
43 77.7 57.7 86.5
87 21.9 18.5 27.7
59 10.4 8.8 13.2

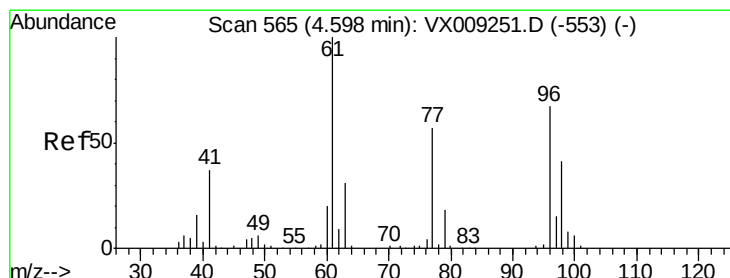
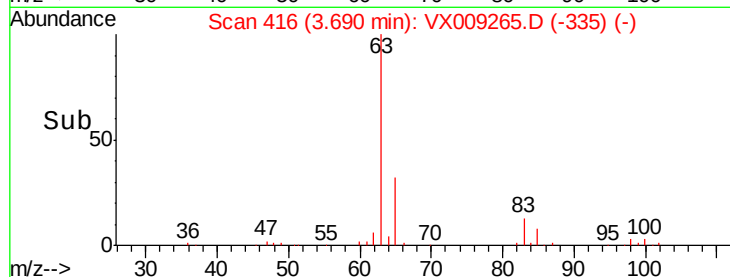
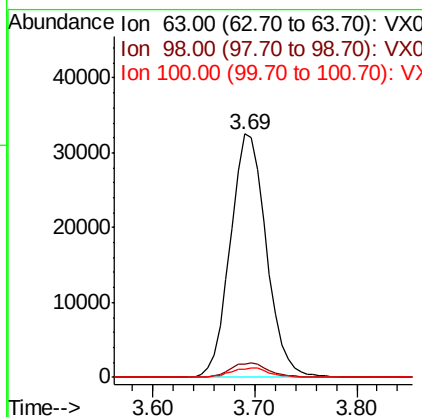
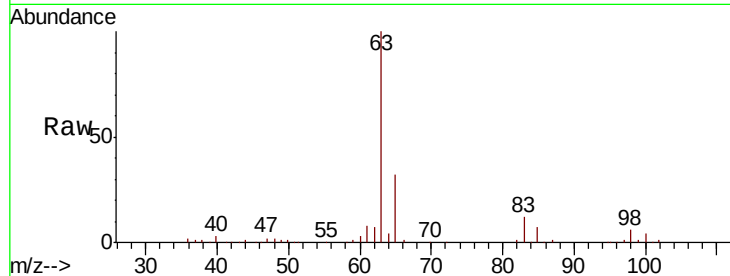




#21
 1,1-Dichloroethane
 Concen: 19.471 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

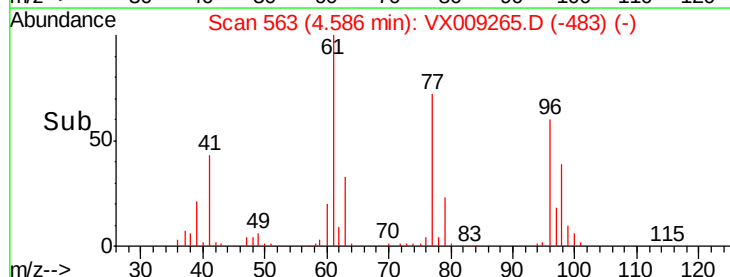
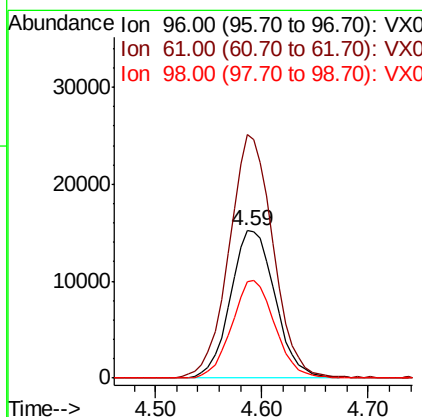
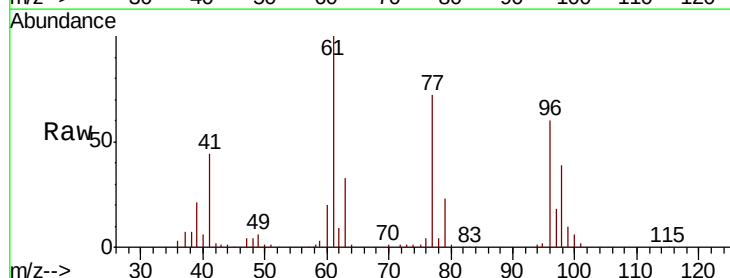
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

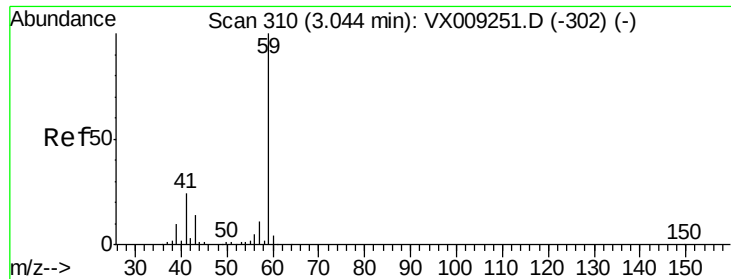
Tot Ion: 63 Resp: 79589
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.3
 100 3.6 2.2 6.6



#22
 cis-1,2-Dichloroethene
 Concen: 19.438 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 96 Resp: 44599
 Ion Ratio Lower Upper
 96 100
 61 163.0 127.7 191.5
 98 64.1 50.5 75.7

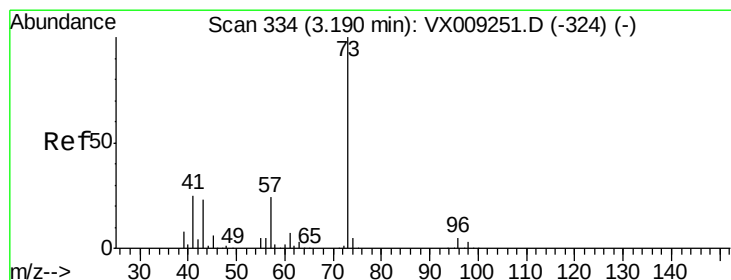
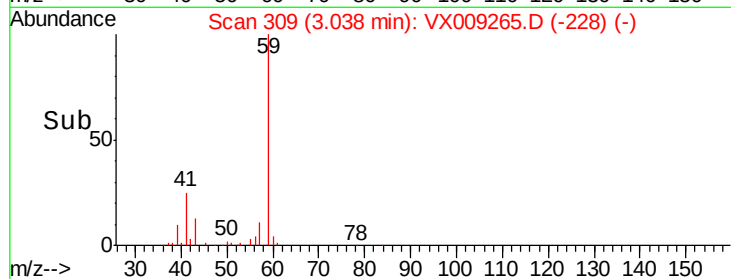
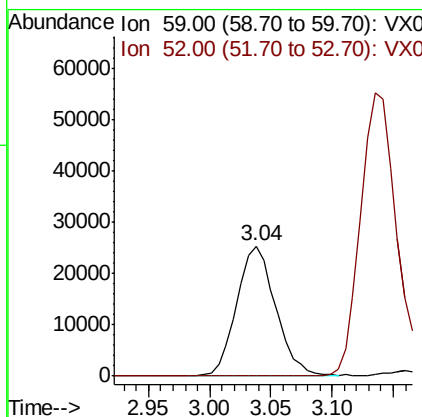
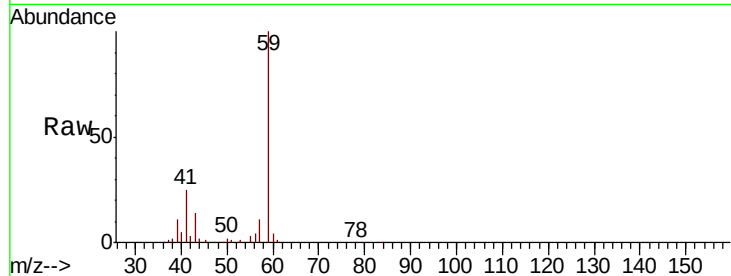




#23
tert-Butyl Alcohol
Concen: 90.855 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

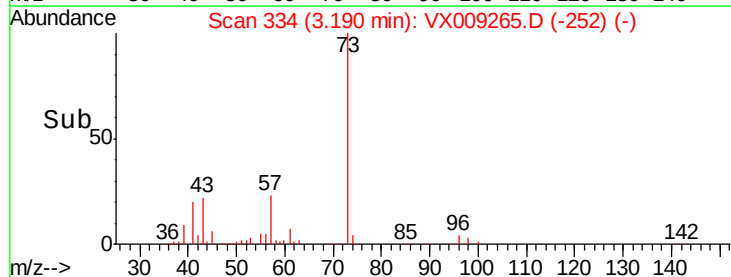
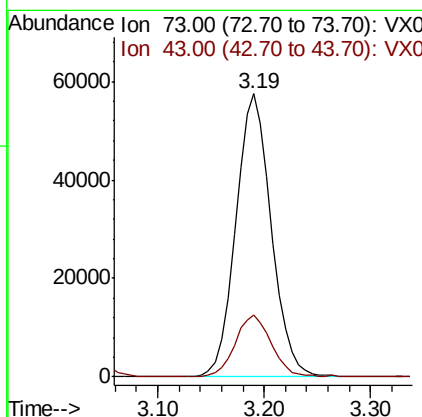
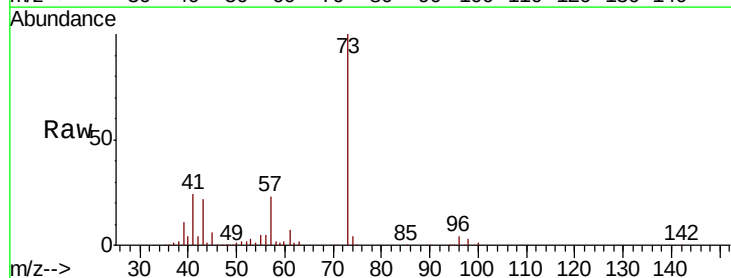
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

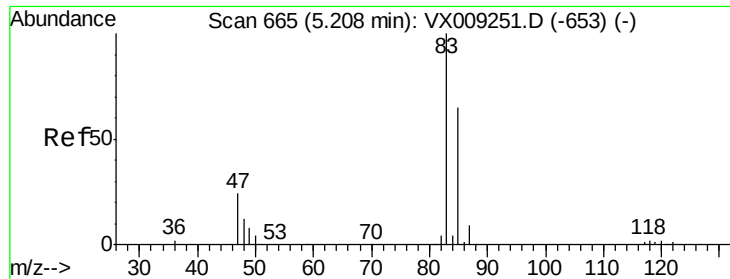
Tot Ion: 59 Resp: 56102
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 19.119 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 73 Resp: 133667
Ion Ratio Lower Upper
73 100
43 21.9 17.6 26.4

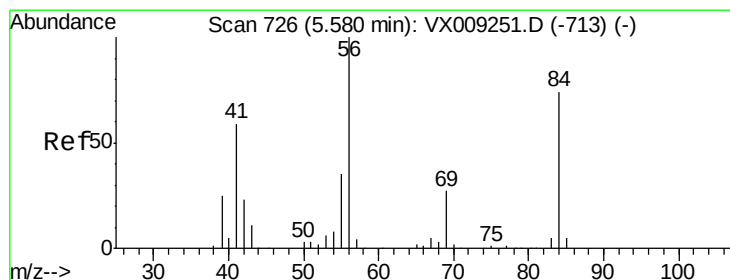
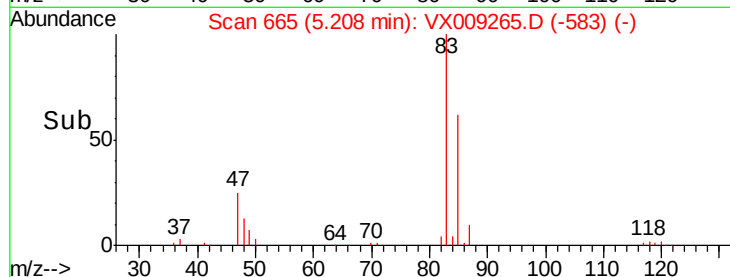
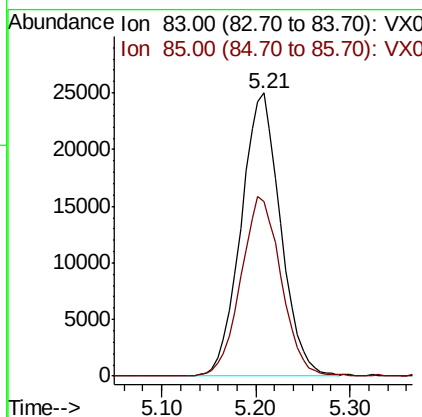
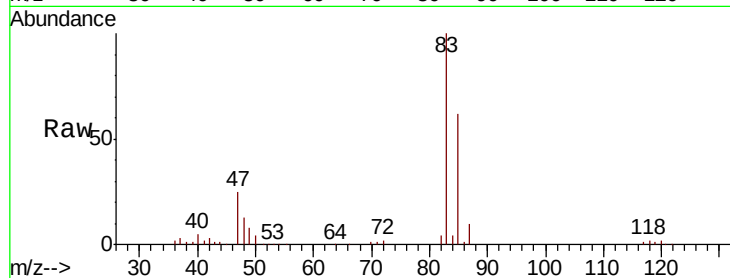




#25
Chloroform
Concen: 19.609 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

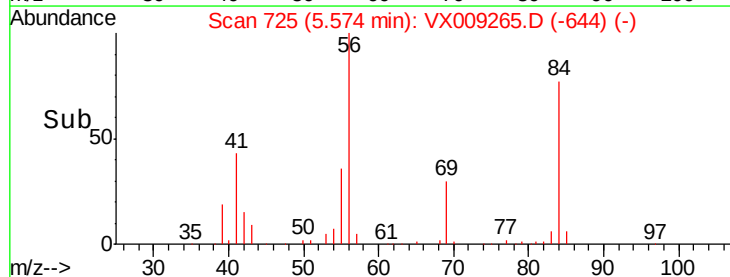
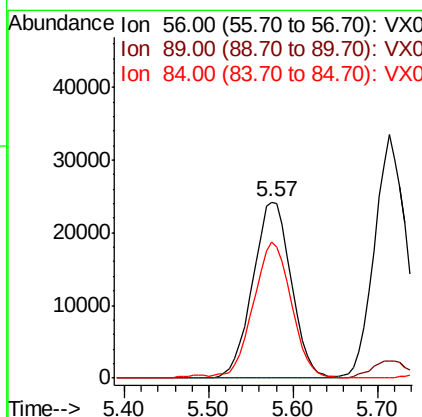
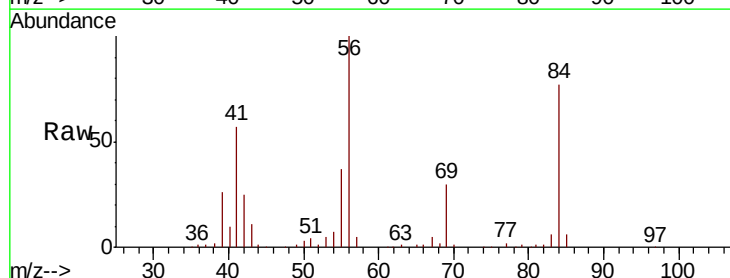
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

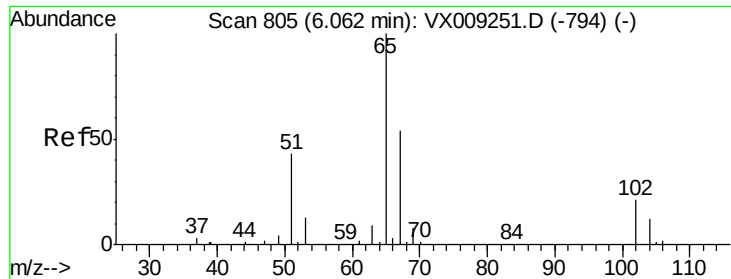
Tot Ion: 83 Resp: 73142
Ion Ratio Lower Upper
83 100
85 61.4 51.9 77.9



#26
Cyclohexane
Concen: 19.941 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 56 Resp: 75966
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.3 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 29.303 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

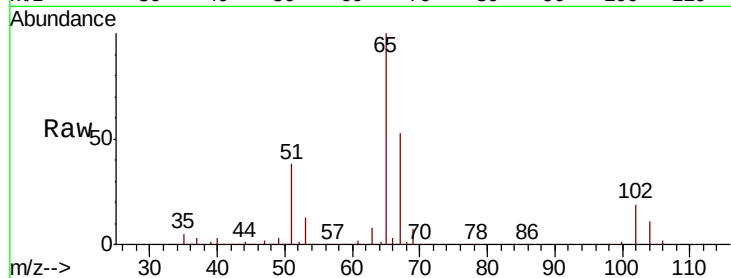
VSTDCCC020

Tot Ion: 65 Resp: 79395

Ion Ratio Lower Upper

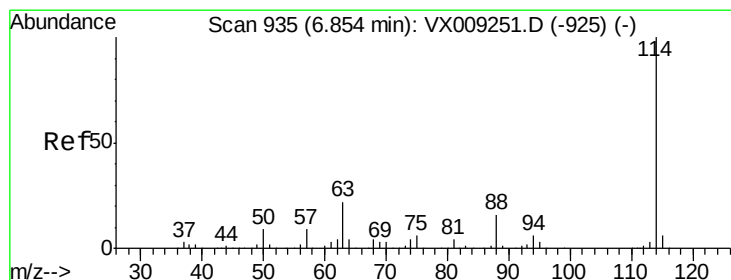
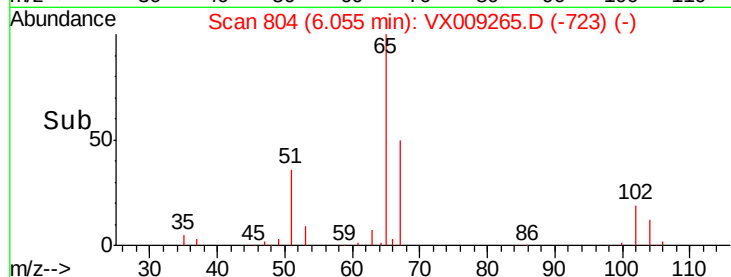
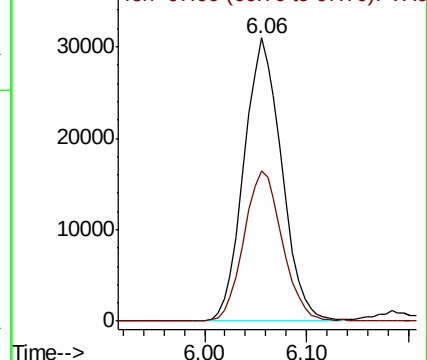
65 100

67 54.0 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

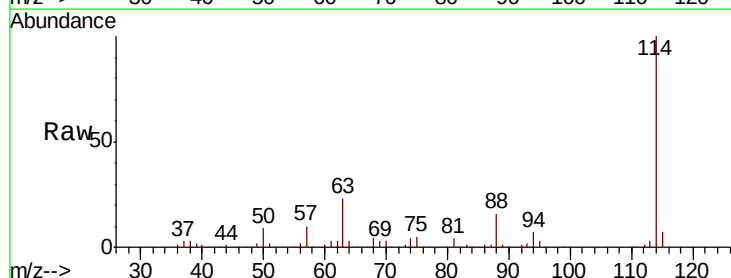
Tgt Ion: 114 Resp: 186639

Ion Ratio Lower Upper

114 100

63 23.4 18.0 27.0

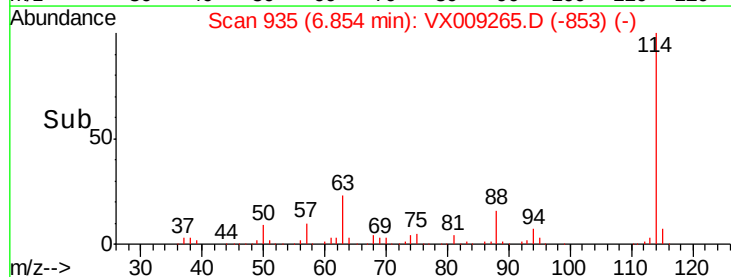
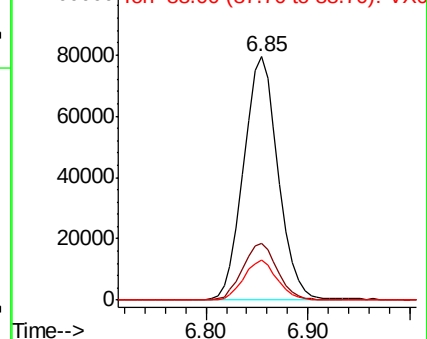
88 16.2 13.4 20.0

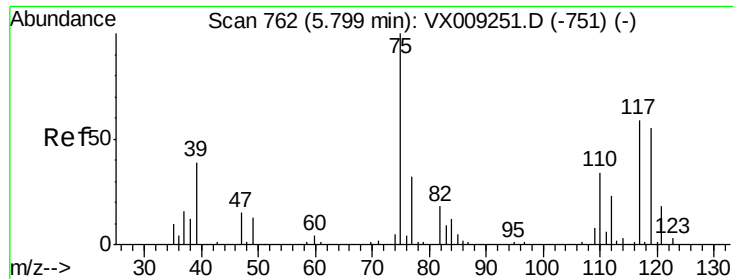


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

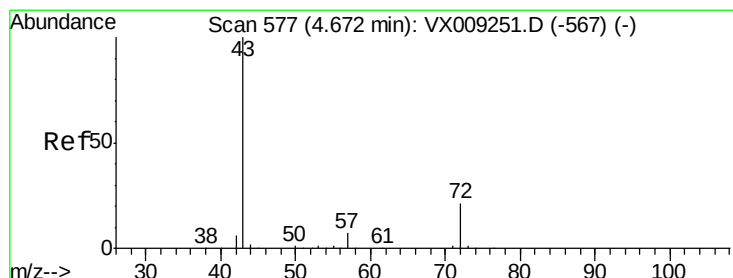
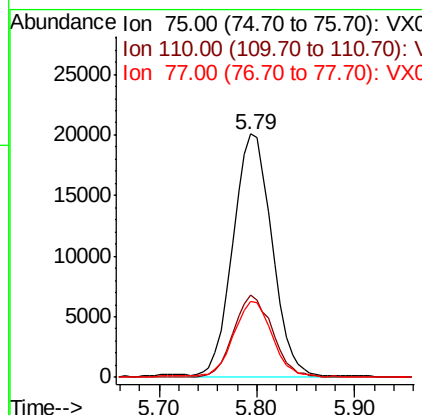
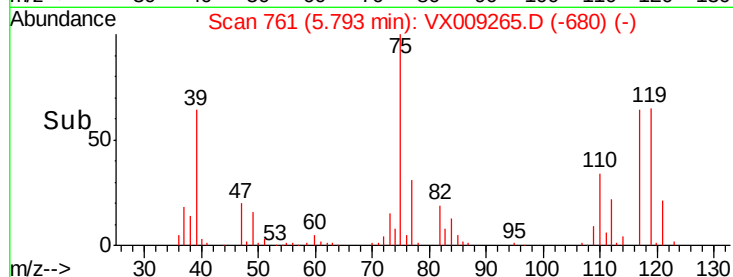
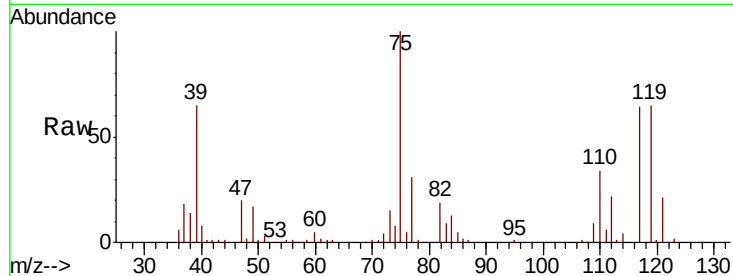




#29
 1,1-Dichloropropene
 Concen: 20.450 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

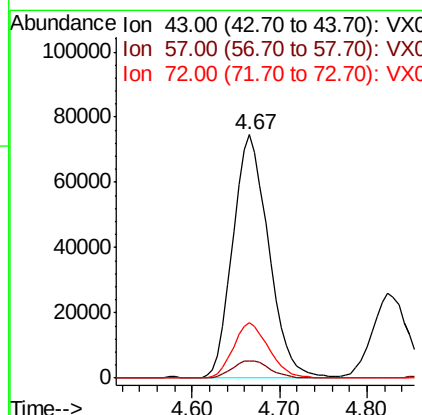
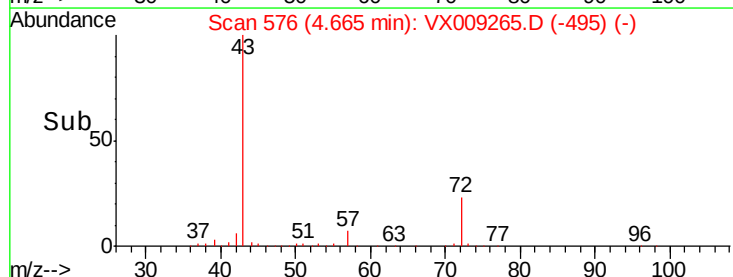
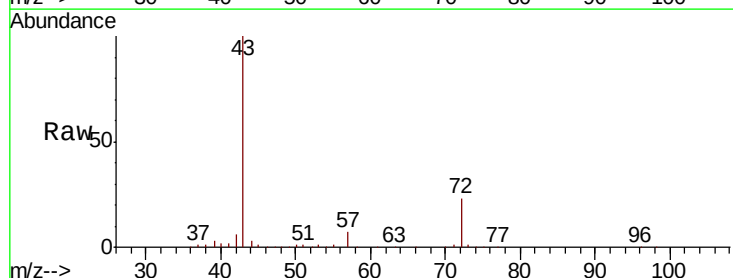
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

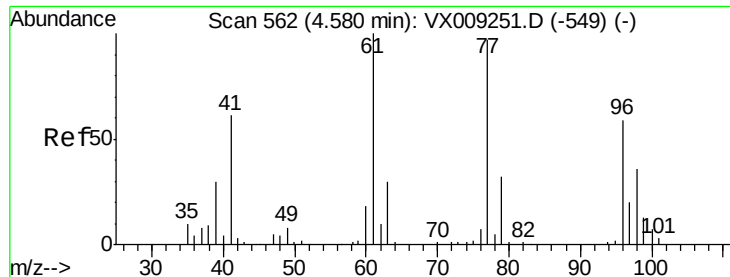
Tot Ion: 75 Resp: 56003
 Ion Ratio Lower Upper
 75 100
 110 33.3 0.0 66.4
 77 31.0 0.0 62.2



#30
 2-Butanone
 Concen: 98.639 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 43 Resp: 211554
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.0 9.0
 72 22.8 18.2 27.4

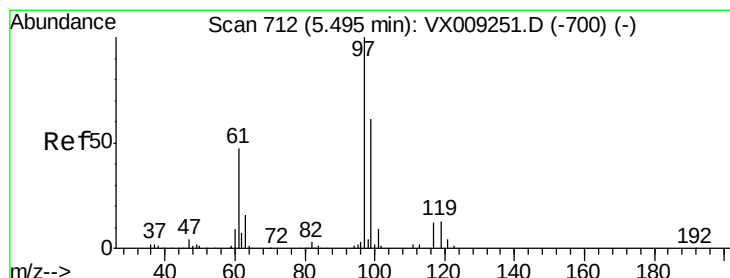
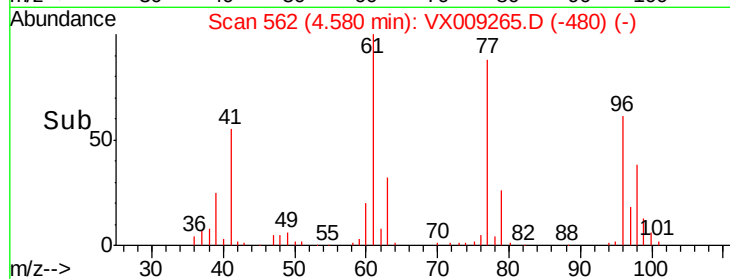
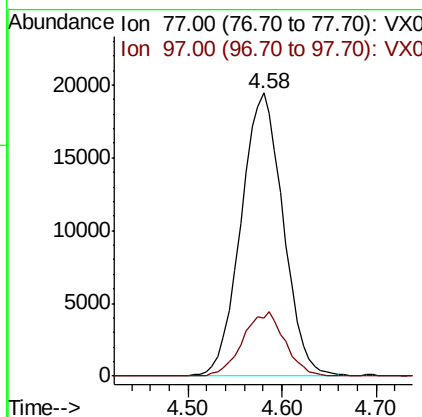
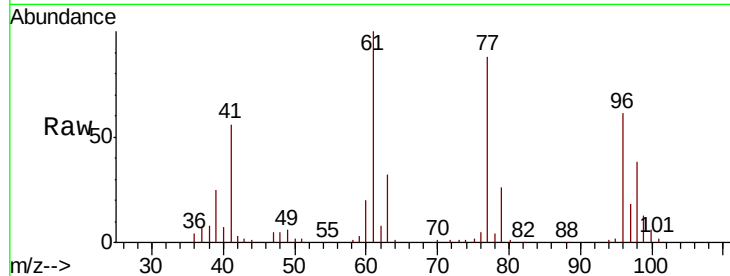




#31
 2,2-Dichloropropane
 Concen: 20.154 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

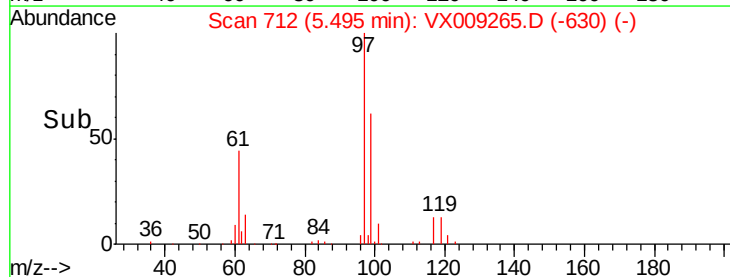
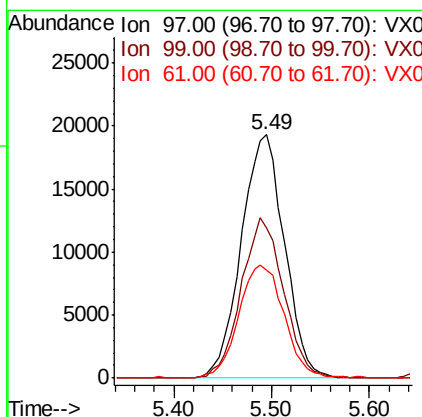
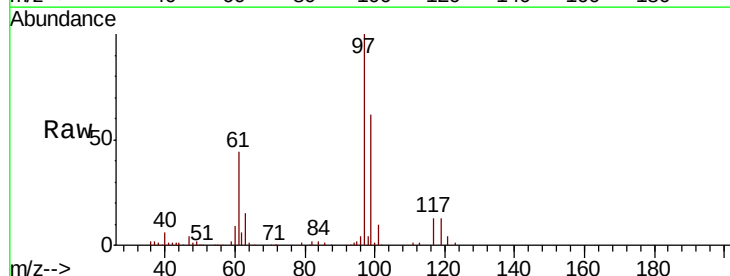
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

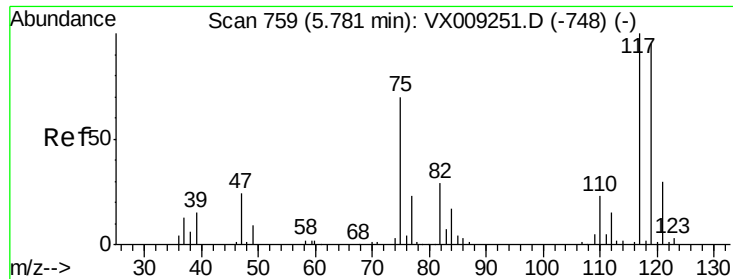
Tot Ion: 77 Resp: 60848
 Ion Ratio Lower Upper
 77 100
 97 22.7 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 19.985 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 97 Resp: 59333
 Ion Ratio Lower Upper
 97 100
 99 64.4 53.9 80.9
 61 48.7 38.6 58.0

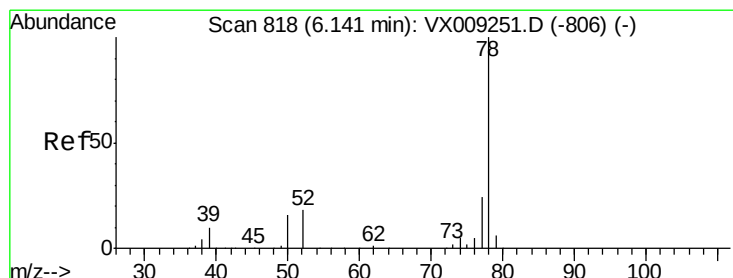
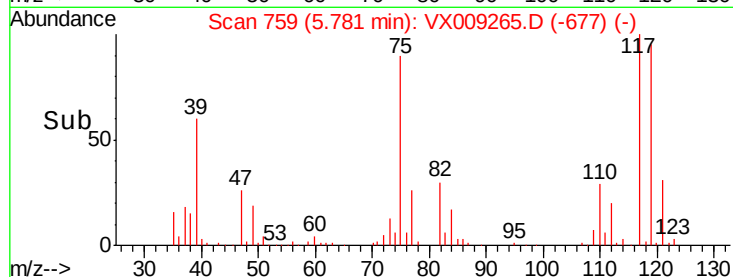
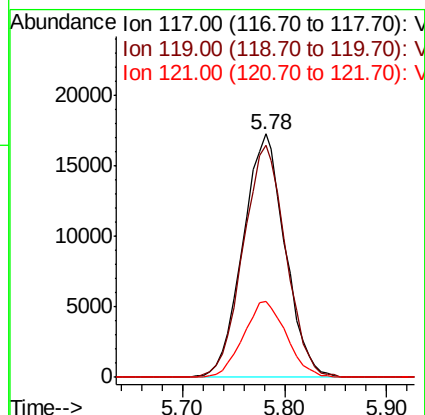
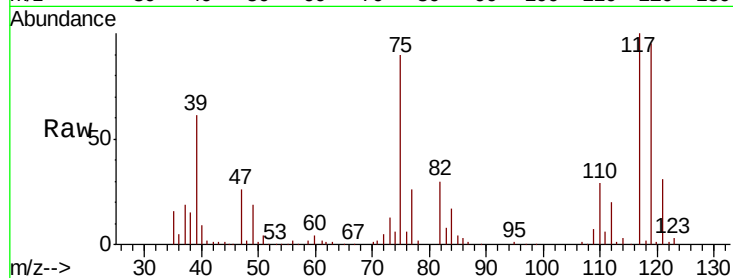




#33
Carbon Tetrachloride
Concen: 19.951 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

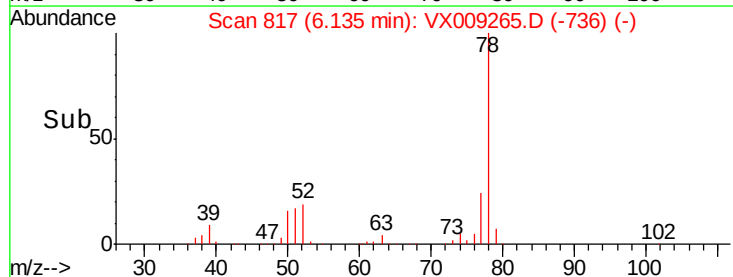
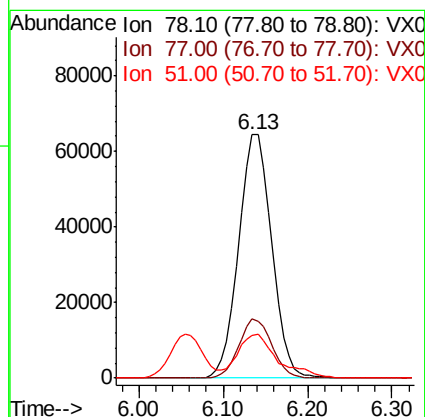
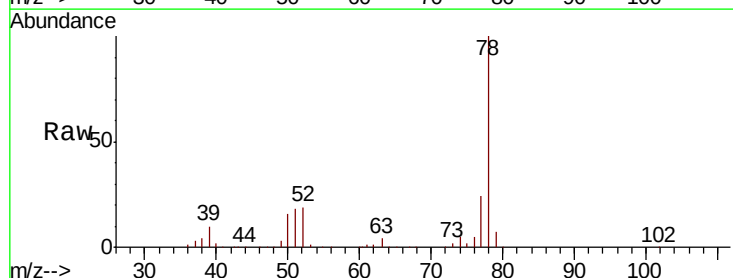
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

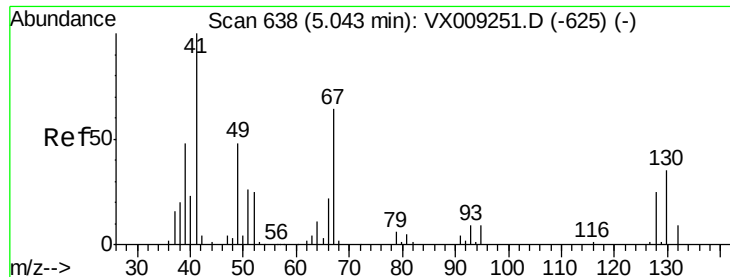
Tot Ion:117 Resp: 49558
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 31.3 24.4 36.6



#34
Benzene
Concen: 20.288 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 78 Resp: 171296
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2
51 17.3 13.5 20.3

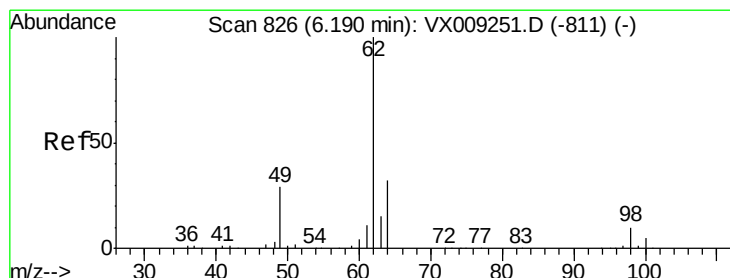
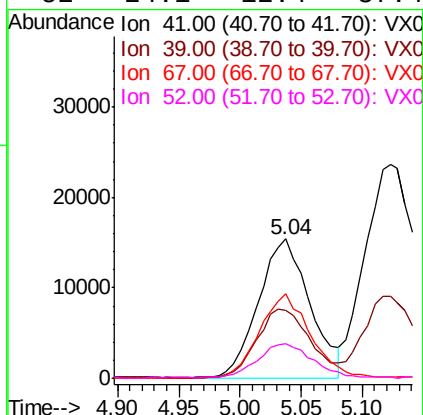
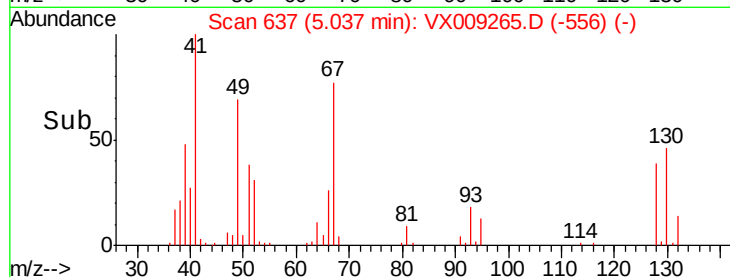
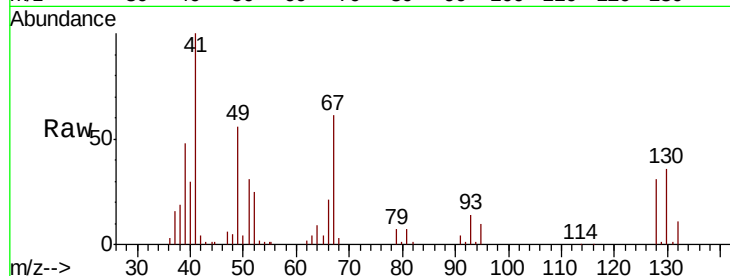




#35
Methacrylonitrile
Concen: 20.013 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

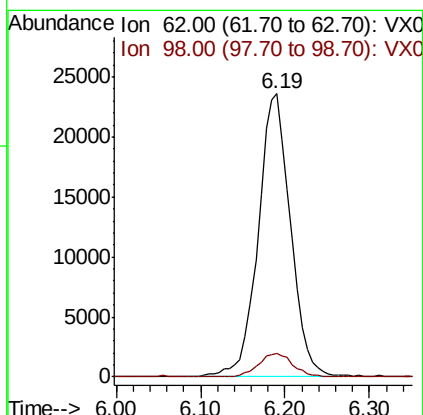
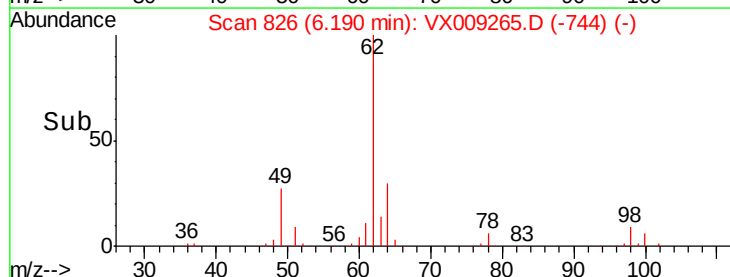
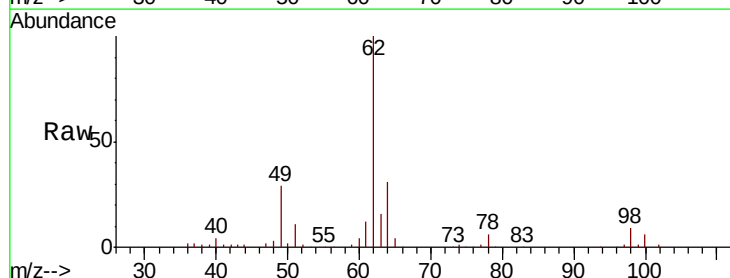
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

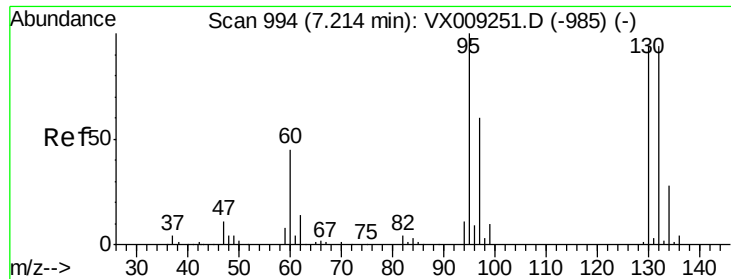
Tot Ion:	41	Resp:	44908
Ion	Ratio	Lower	Upper
41	100		
39	48.6	24.1	72.3
67	61.0	32.2	96.6
52	24.1	12.4	37.4



#36
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion:	62	Resp:	62397
Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.4	11.2

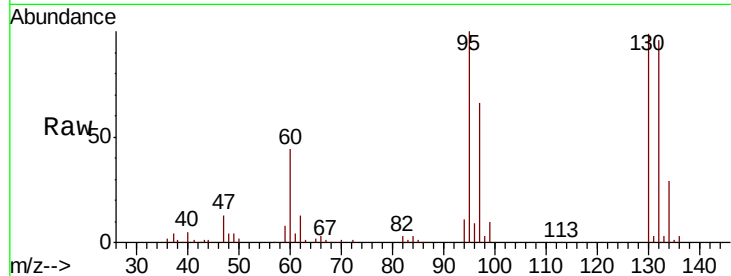




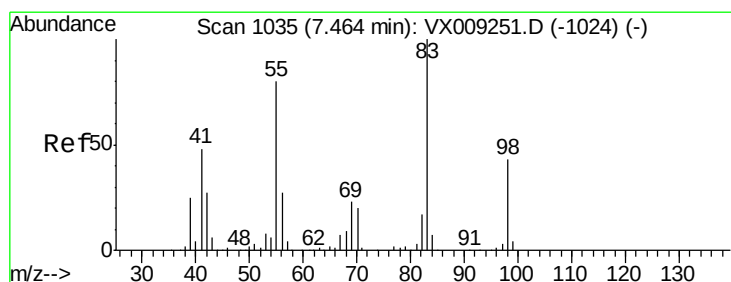
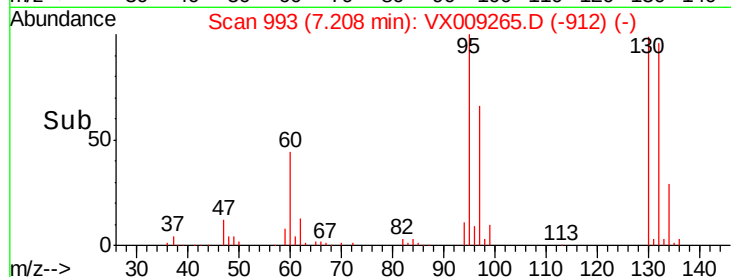
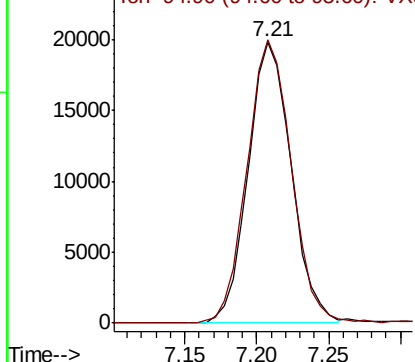
#37
 Trichloroethene
 Concen: 20.206 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 41067
 Ion Ratio Lower Upper
 130 100
 95 100.6 85.0 127.4

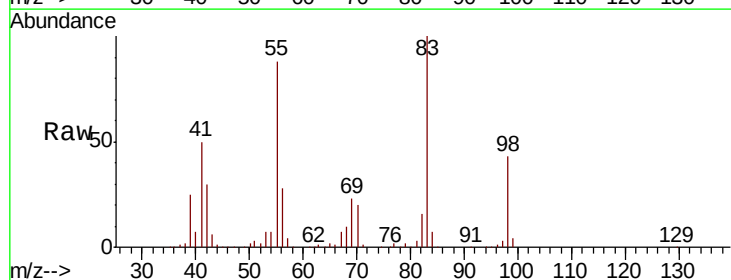


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

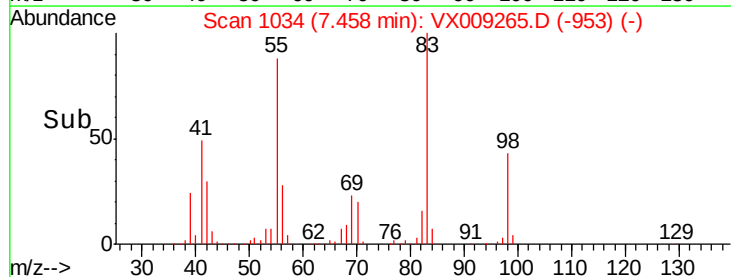
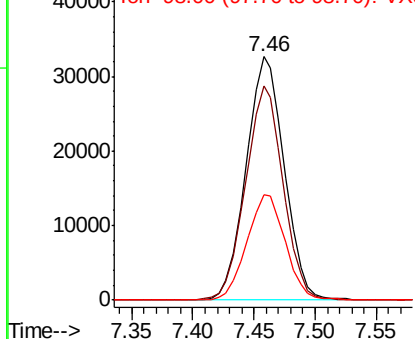


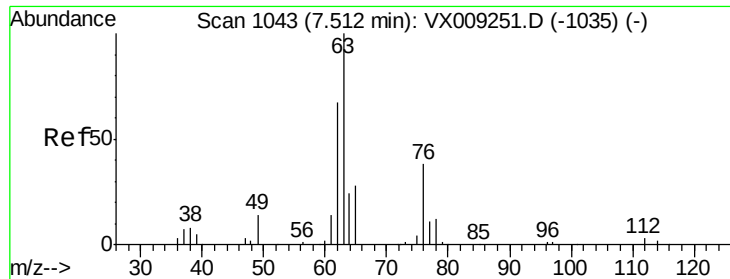
#38
 Methylcyclohexane
 Concen: 20.921 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 83 Resp: 70786
 Ion Ratio Lower Upper
 83 100
 55 86.6 43.0 129.2
 98 43.7 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: 20.119 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

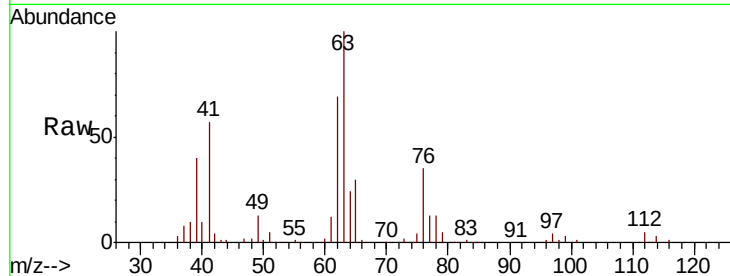
VSTDCCC020

Tot Ion: 63 Resp: 48373

Ion Ratio Lower Upper

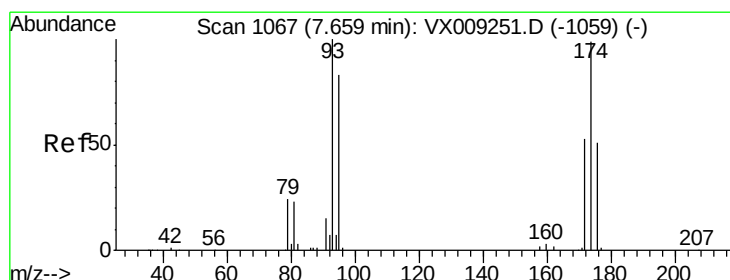
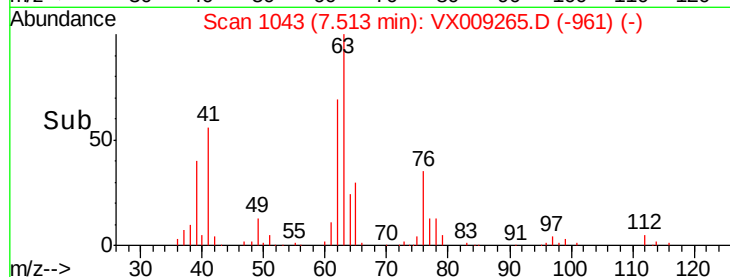
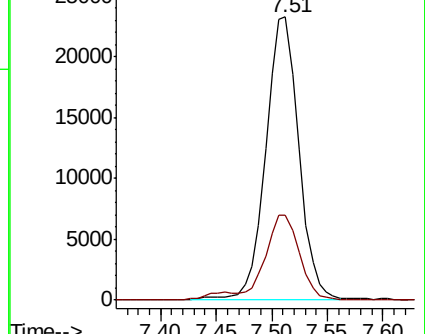
63 100

65 30.1 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: 20.406 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

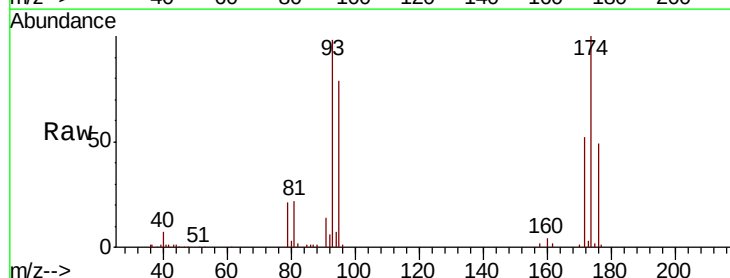
Tgt Ion: 93 Resp: 27846

Ion Ratio Lower Upper

93 100

95 81.8 0.0 167.2

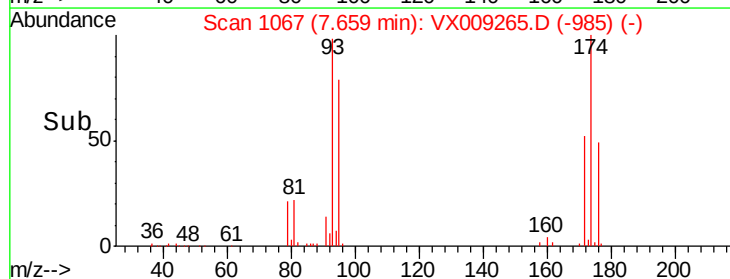
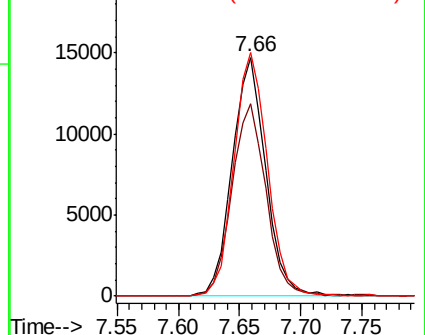
174 102.2 0.0 203.4

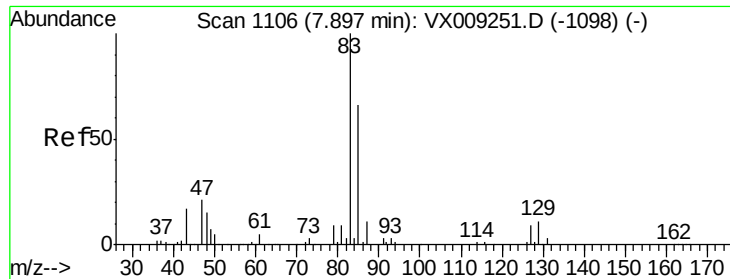


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.918 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

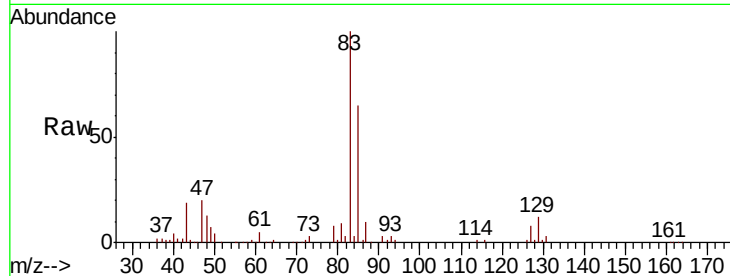
Tot Ion: 83 Resp: 55519

Ion Ratio Lower Upper

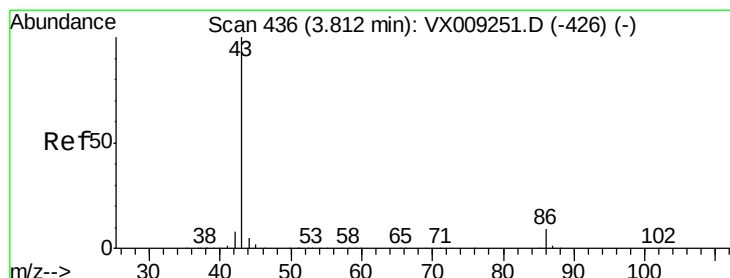
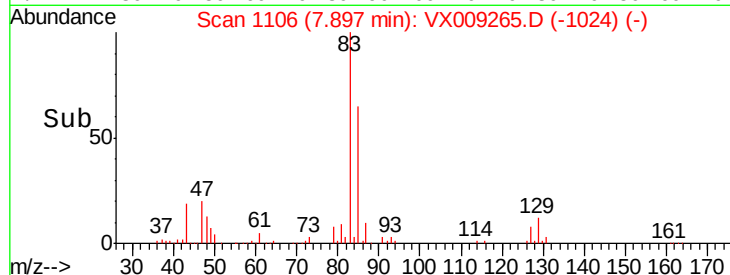
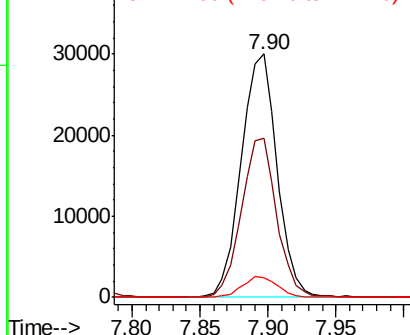
83 100

85 65.5 52.6 79.0

127 8.2 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: 100.392 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009265.D

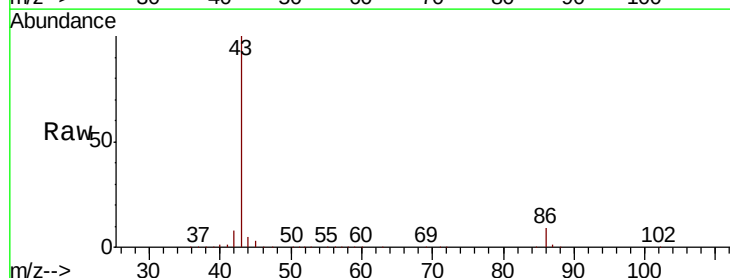
Acq: 02 May 2019 09:50

Tgt Ion: 43 Resp: 710633

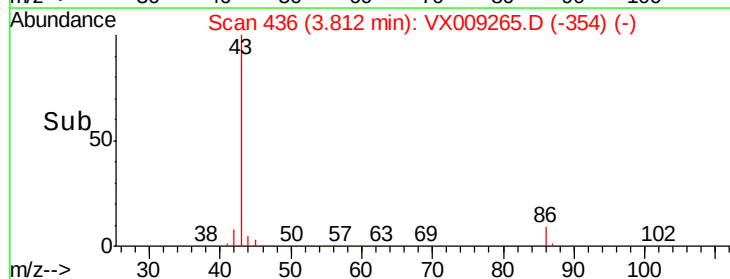
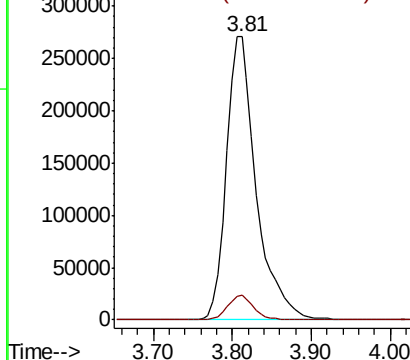
Ion Ratio Lower Upper

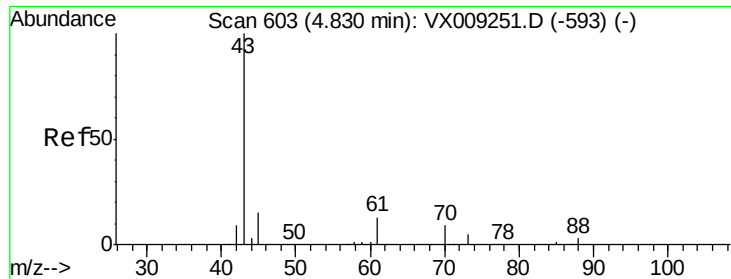
43 100

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

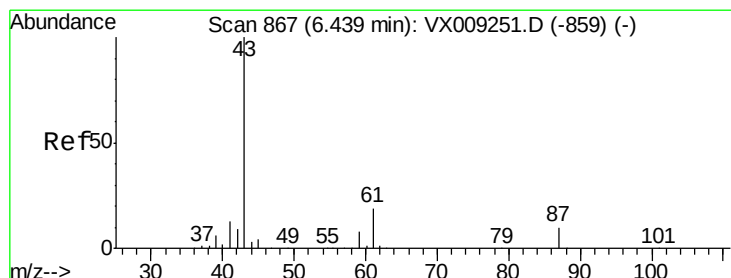
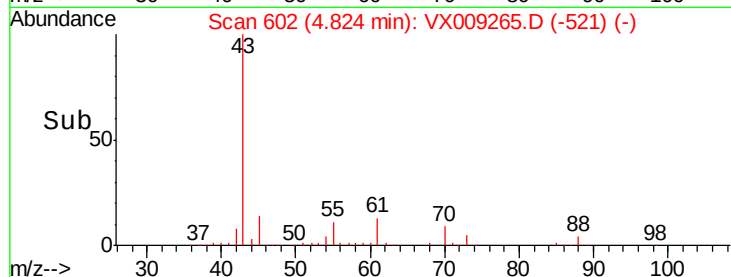
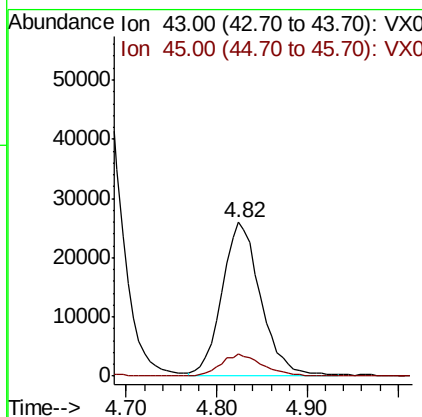
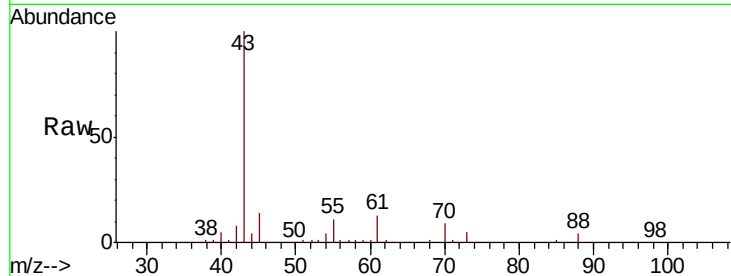




#43
Ethyl Acetate
Concen: 19.584 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

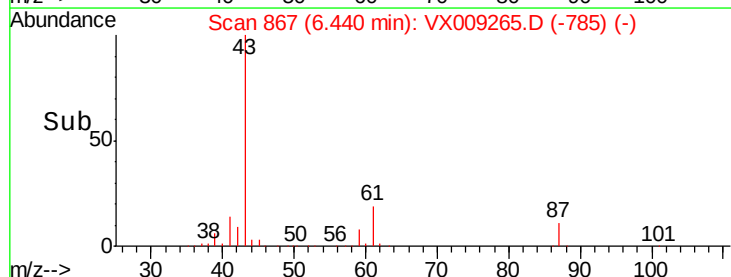
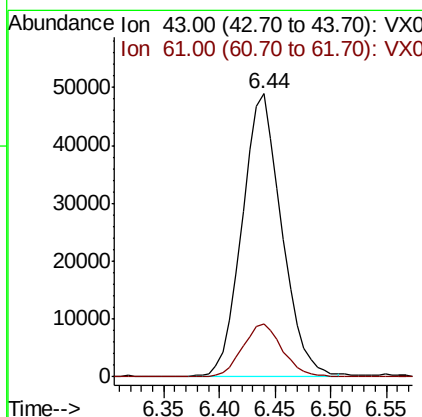
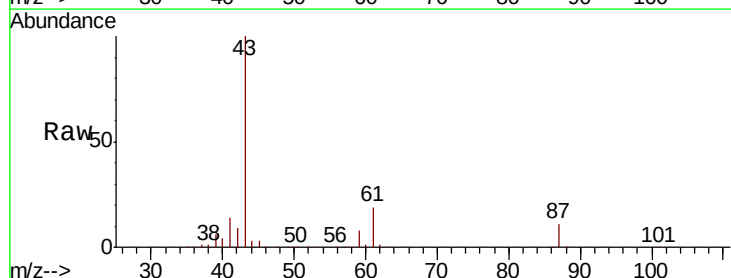
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

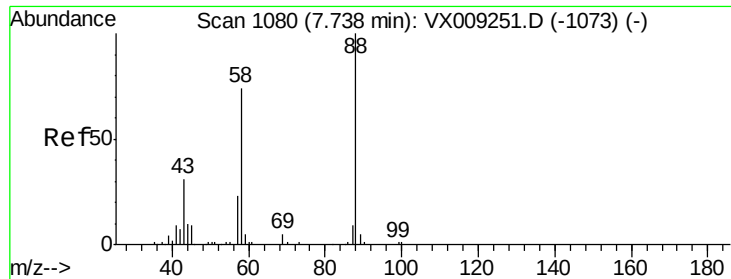
Tot Ion: 43 Resp: 75897
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.155 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 43 Resp: 120259
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.2





#45

1,4-Dioxane

Concen: 384.963 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

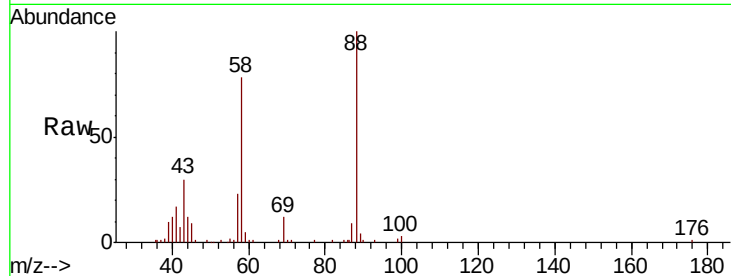
Tot Ion: 88 Resp: 23729

Ion Ratio Lower Upper

88 100

43 36.1 28.5 42.7

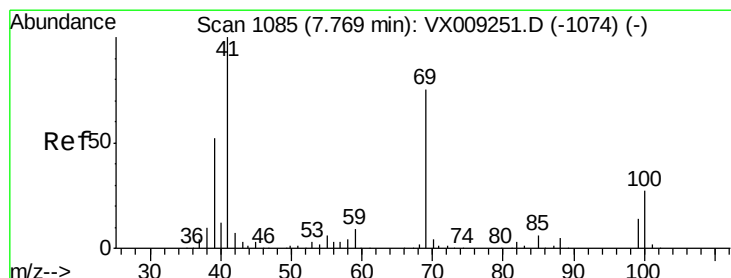
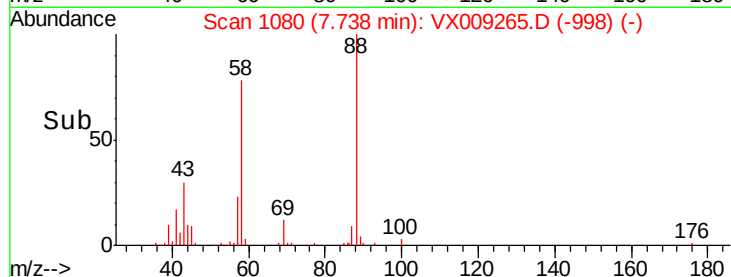
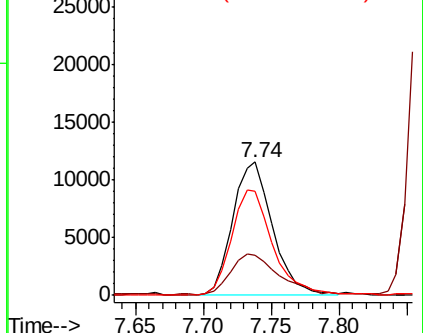
58 80.5 62.5 93.7



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: 19.090 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

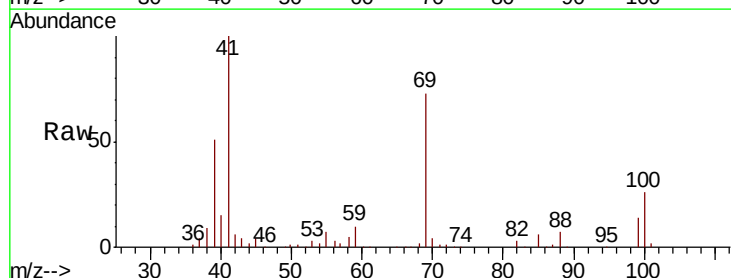
Tgt Ion: 41 Resp: 59821

Ion Ratio Lower Upper

41 100

69 73.2 37.6 112.8

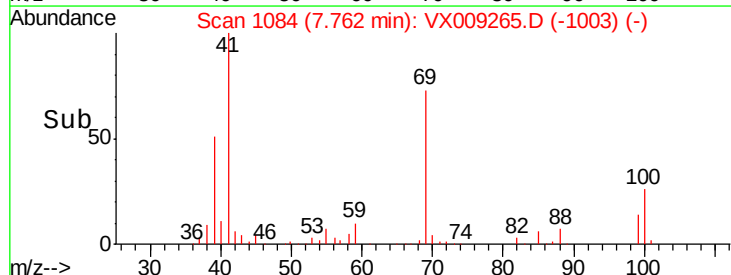
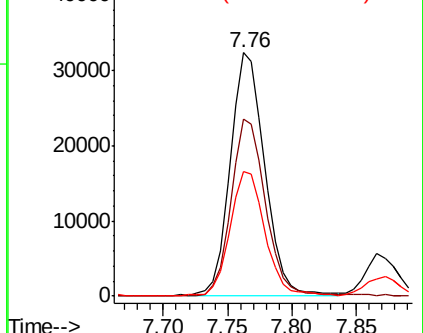
39 51.0 25.8 77.3

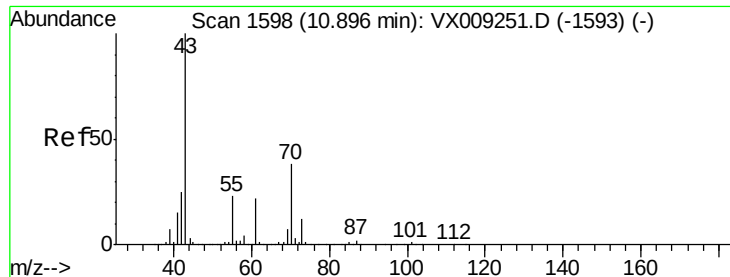


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.917 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

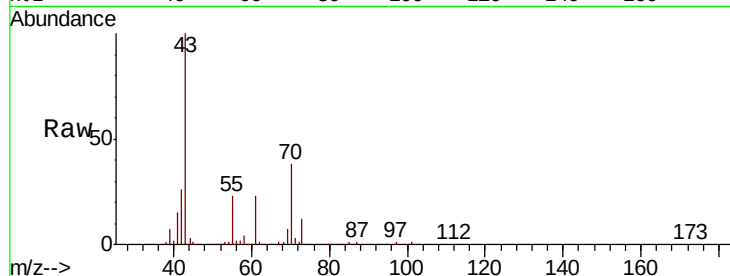
VSTDCCC020

Tot Ion: 43 Resp: 106988

Ion Ratio Lower Upper

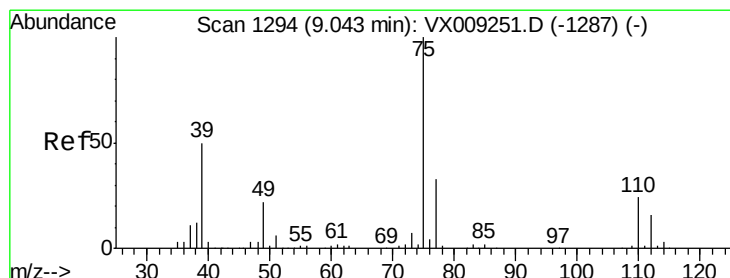
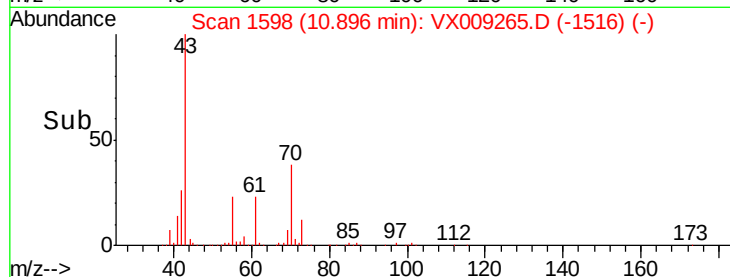
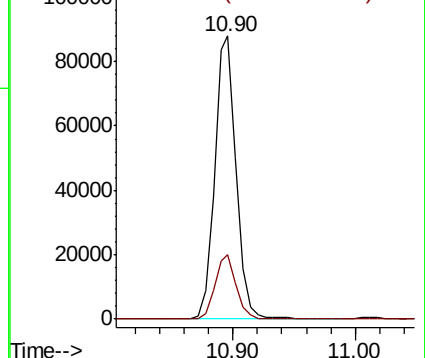
43 100

55 22.7 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: 19.376 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009265.D

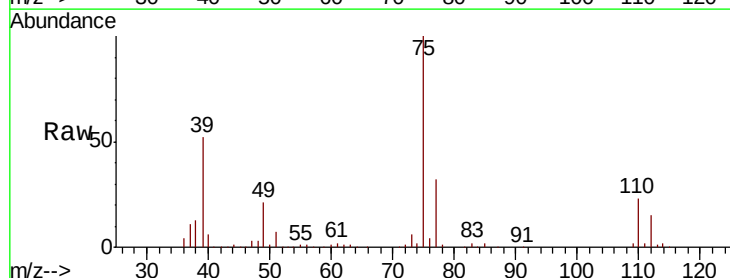
Acq: 02 May 2019 09:50

Tgt Ion: 75 Resp: 63017

Ion Ratio Lower Upper

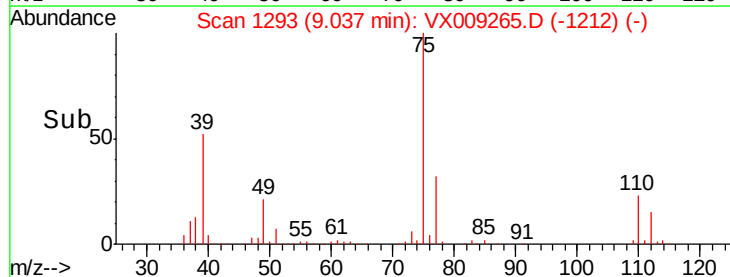
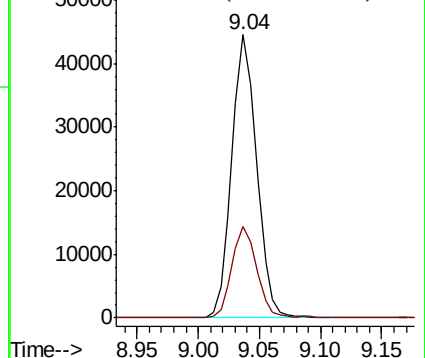
75 100

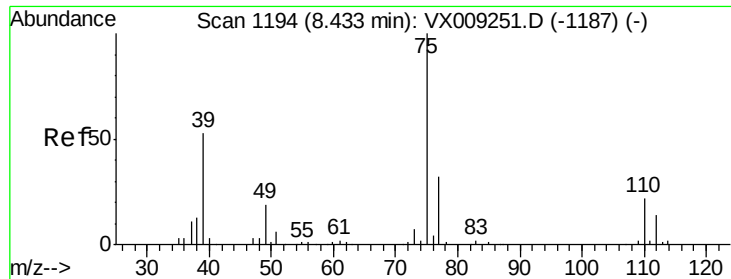
77 32.5 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

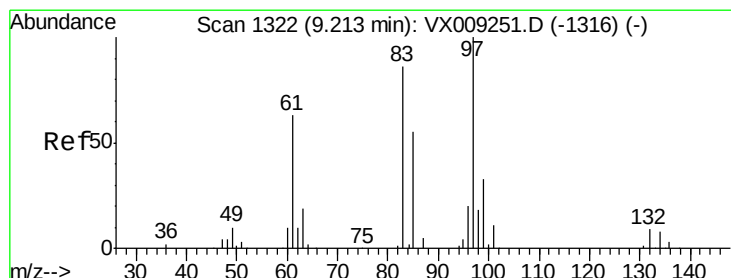
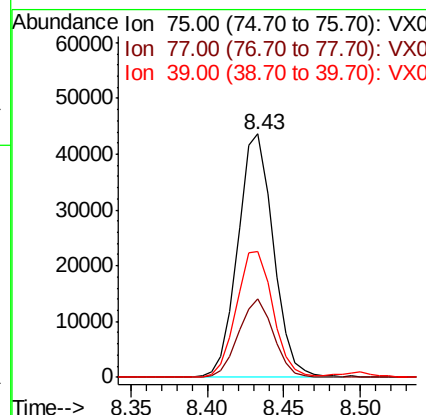
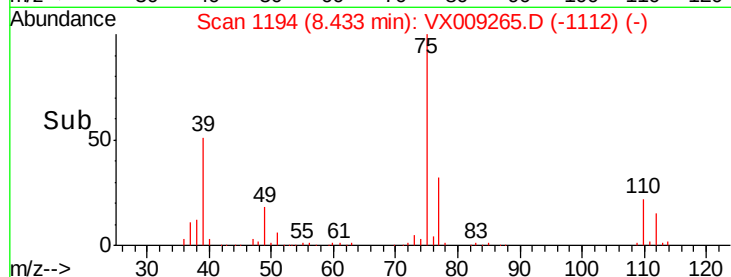
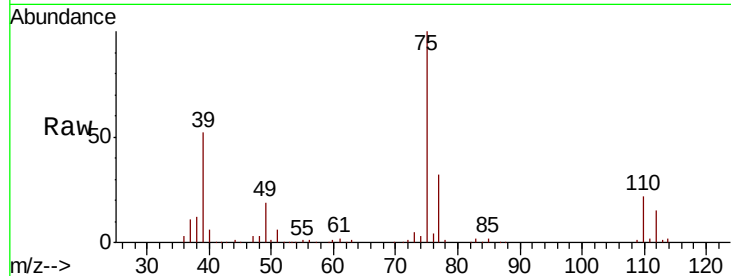




#49
 cis-1,3-Dichloropropene
 Concen: 19.699 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

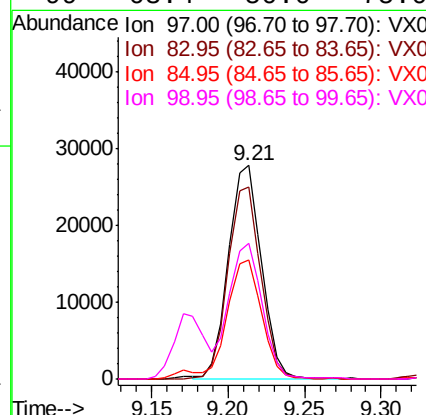
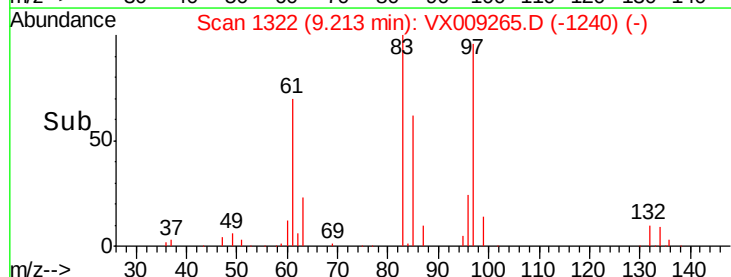
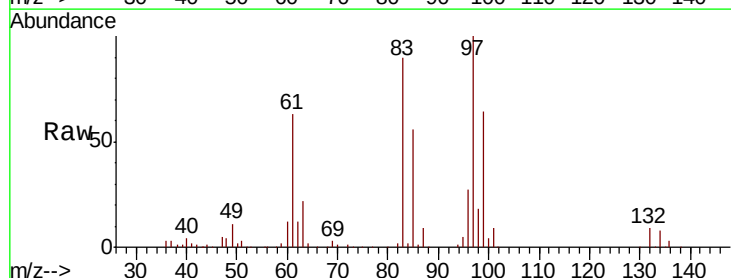
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

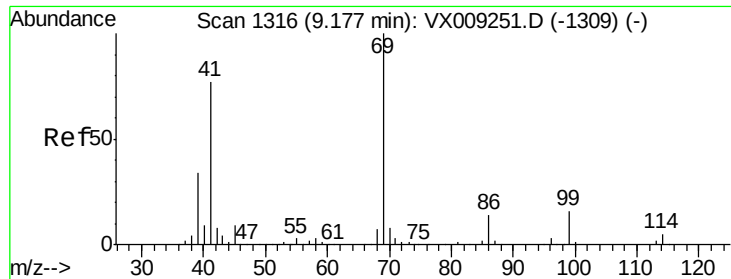
Tot Ion: 75 Resp: 70334
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.0 39.0
 39 51.5 42.6 63.8



#50
 1,1,2-Trichloroethane
 Concen: 19.759 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 97 Resp: 41310
 Ion Ratio Lower Upper
 97 100
 83 90.1 68.8 103.2
 85 55.9 45.8 68.6
 99 63.4 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.216 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

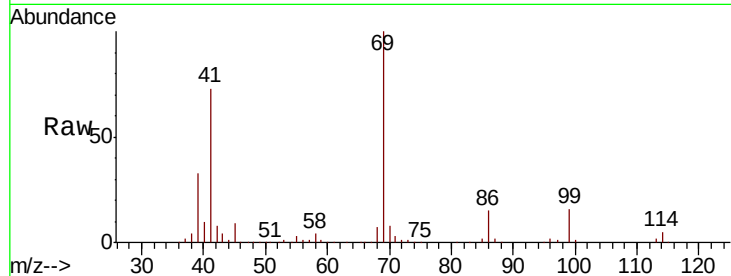
Tot Ion: 69 Resp: 74243

Ion Ratio Lower Upper

69 100

41 73.0 38.4 115.2

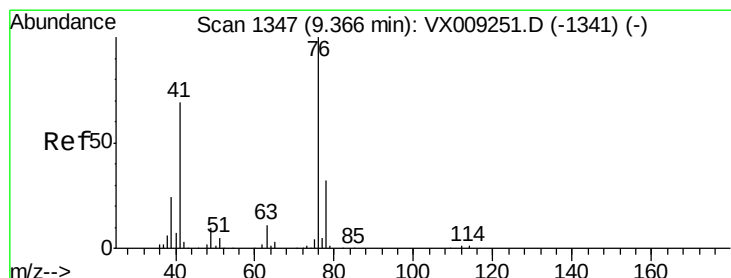
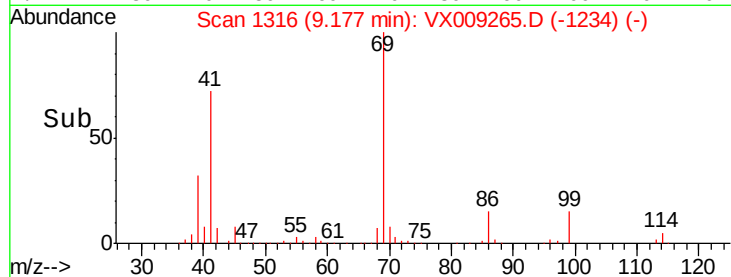
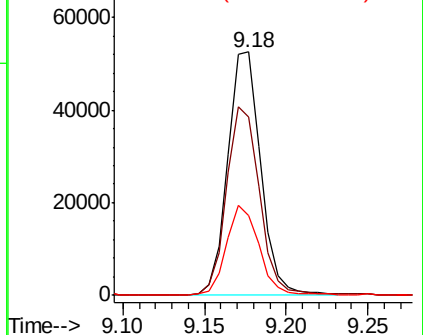
39 33.0 17.2 51.5



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: 19.965 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX009265.D

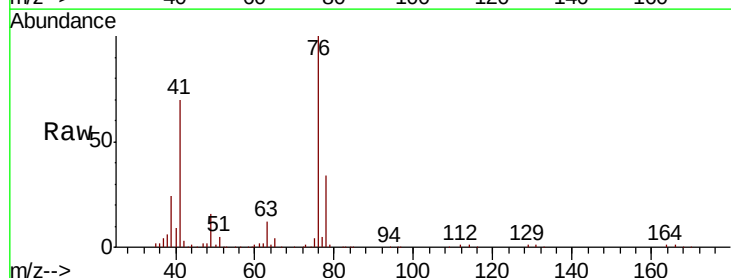
Acq: 02 May 2019 09:50

Tgt Ion: 76 Resp: 74079

Ion Ratio Lower Upper

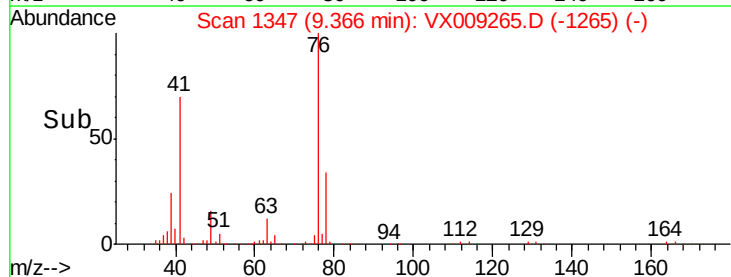
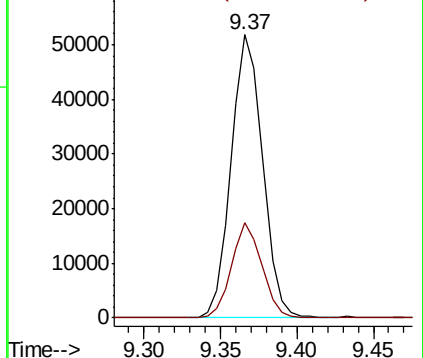
76 100

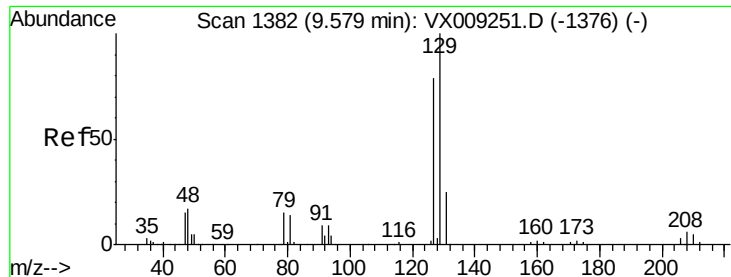
78 32.4 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

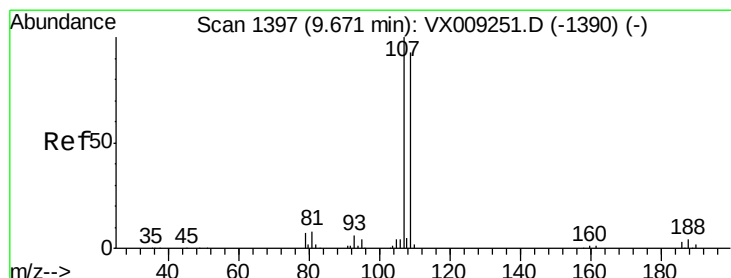
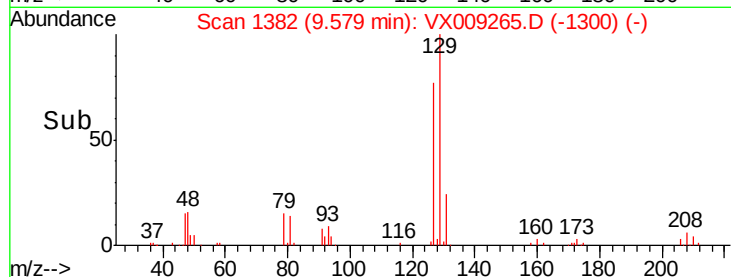
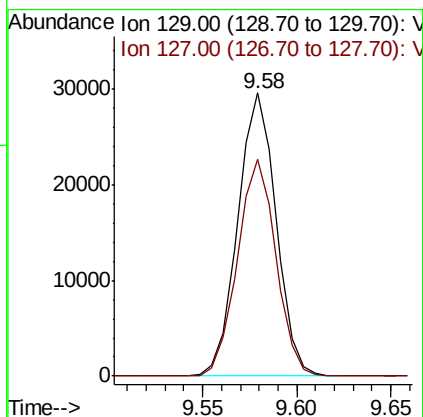
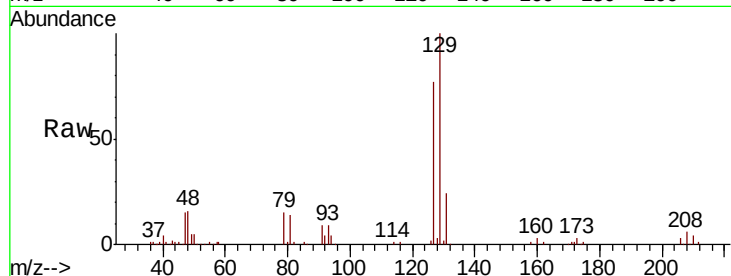




#53
 Dibromochloromethane
 Concen: 20.022 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

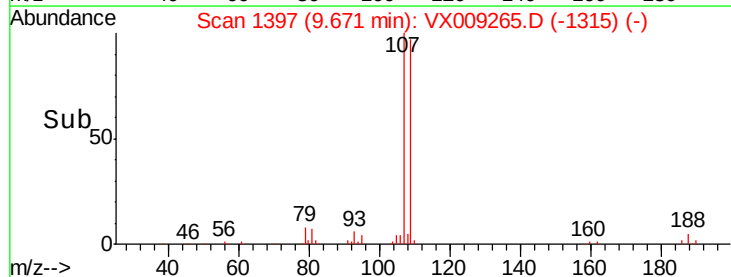
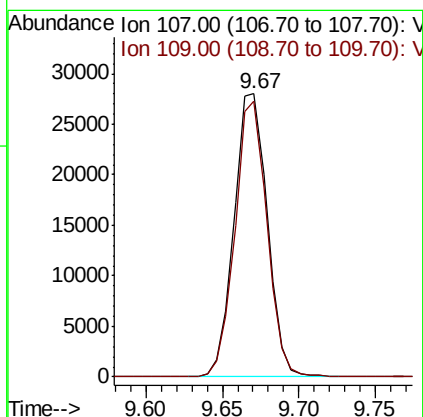
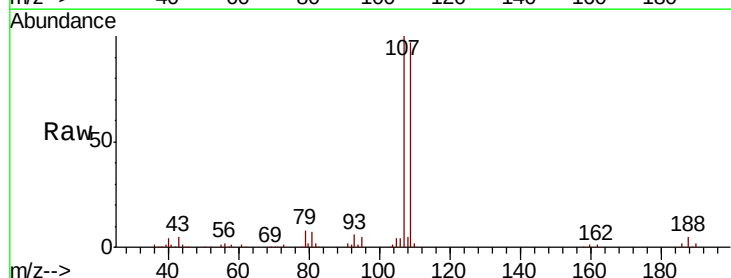
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

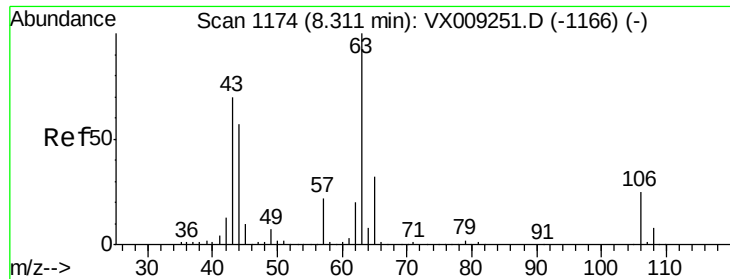
Tot Ion:129 Resp: 41690
 Ion Ratio Lower Upper
 129 100
 127 77.0 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 19.718 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion:107 Resp: 42280
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.5 113.3

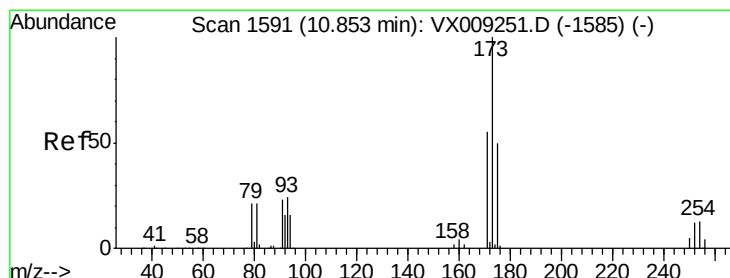
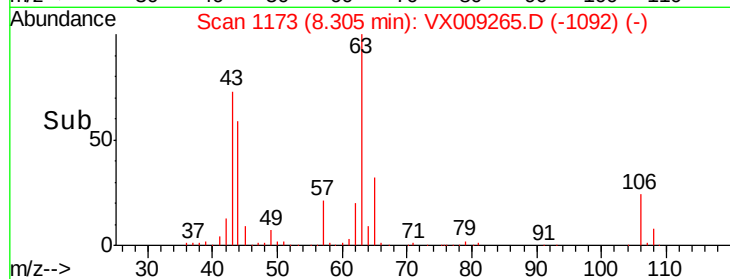
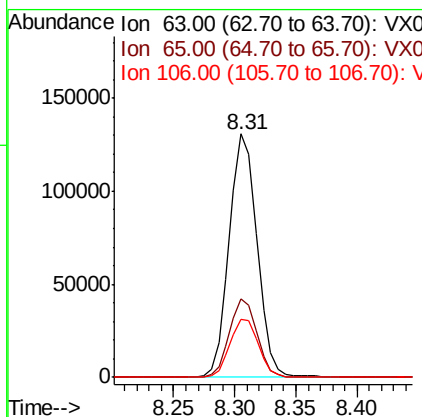
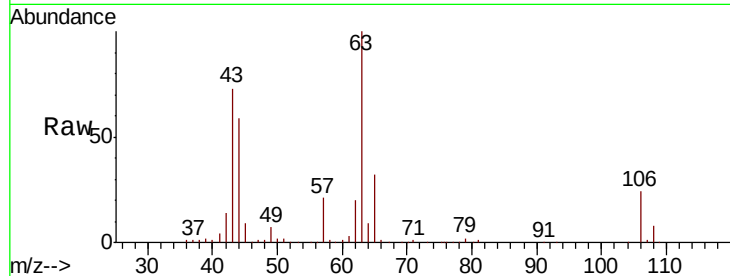




#55
 2-Chloroethyl vinyl ether
 Concen: 100.088 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

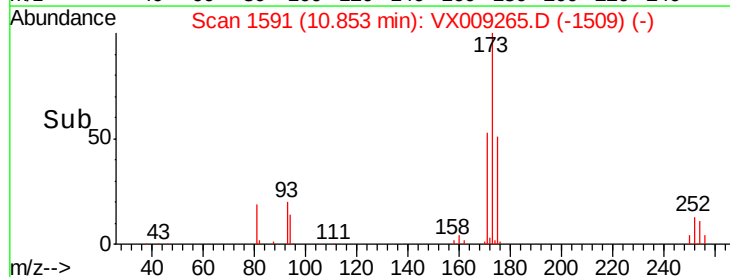
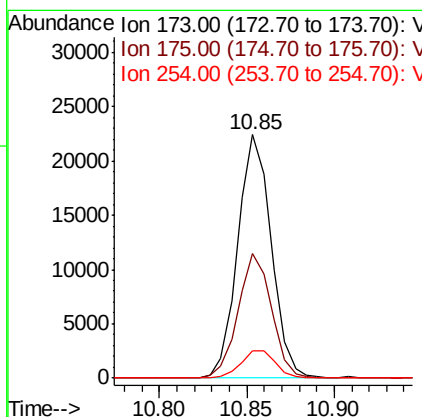
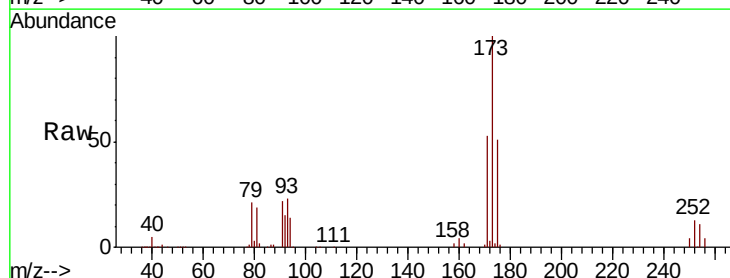
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

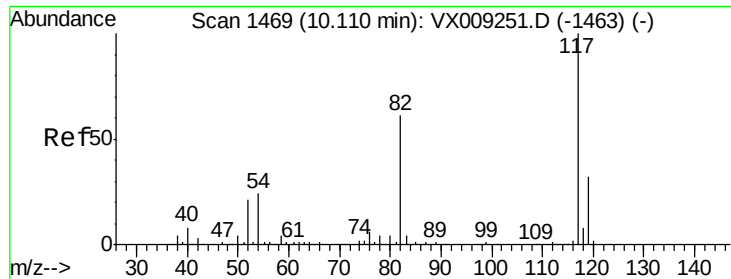
Tot Ion: 63 Resp: 206059
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.8 38.6
 106 24.6 19.8 29.6



#56
 Bromoform
 Concen: 18.688 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 173 Resp: 29870
 Ion Ratio Lower Upper
 173 100
 175 51.0 39.4 59.2
 254 11.6 9.9 14.9

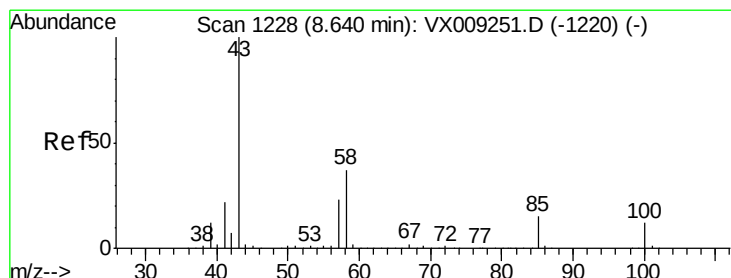
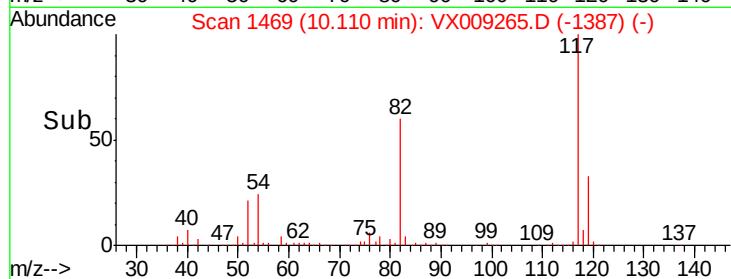
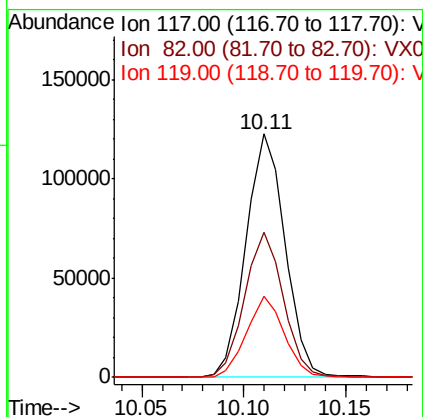
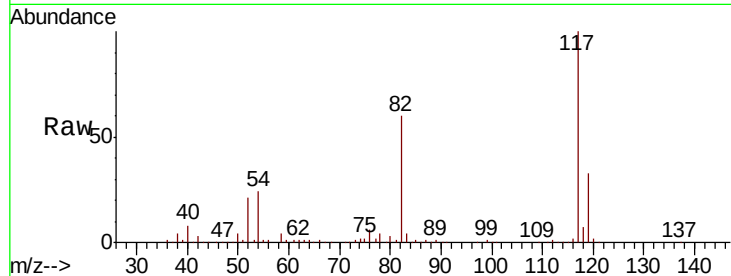




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

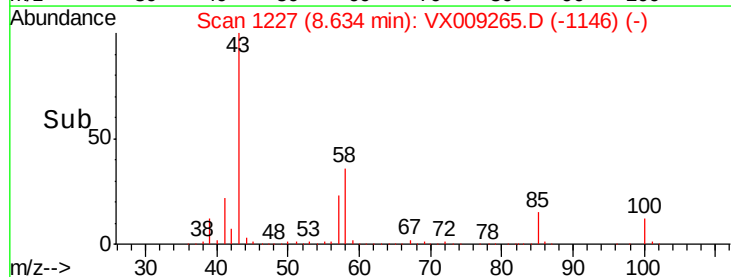
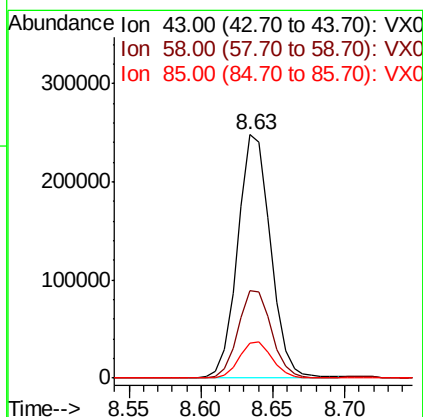
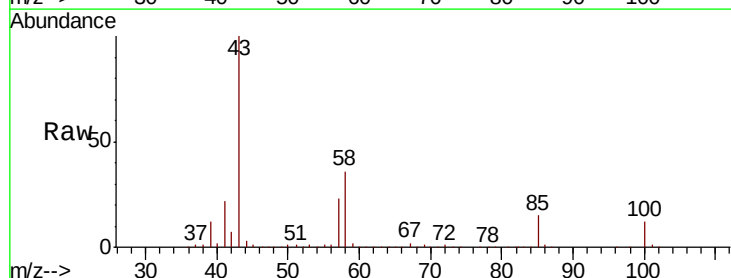
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

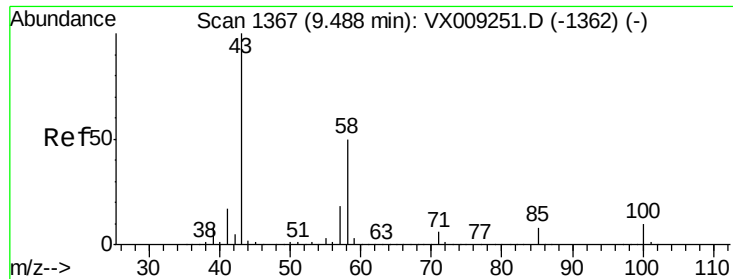
Tot Ion:117 Resp: 164272
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.4 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 97.475 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 43 Resp: 393728
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0
85 15.0 11.8 17.8

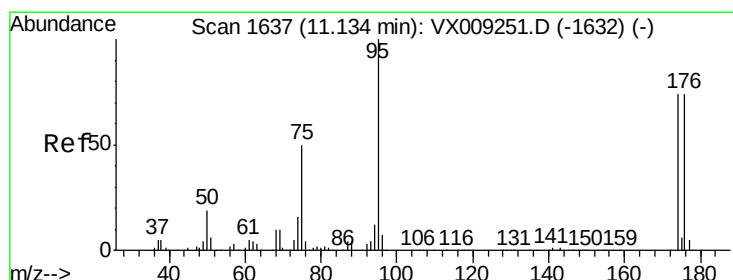
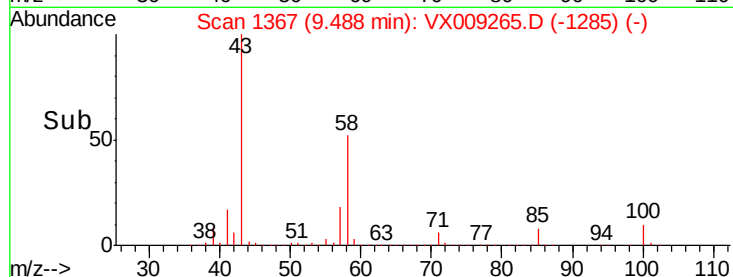
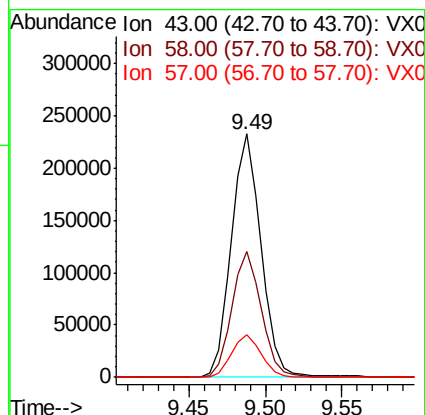
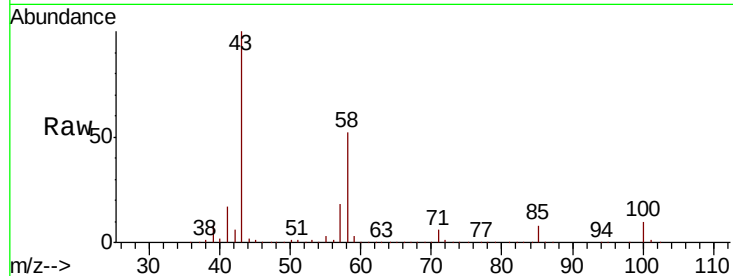




#59
2-Hexanone
Concen: 99.191 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

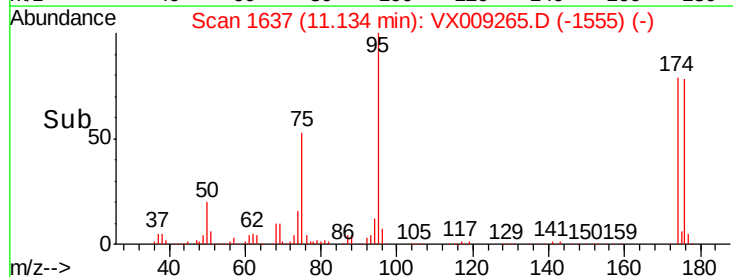
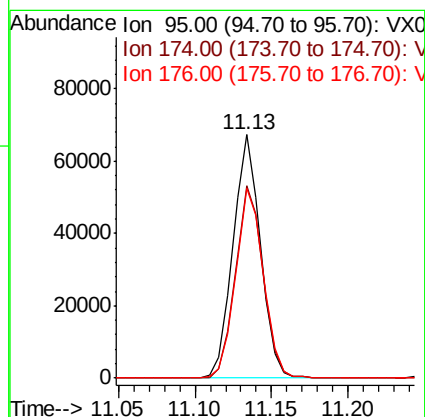
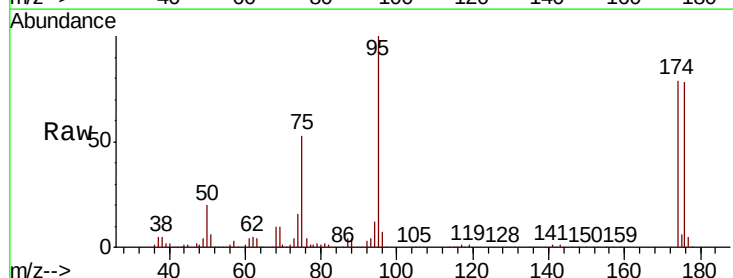
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

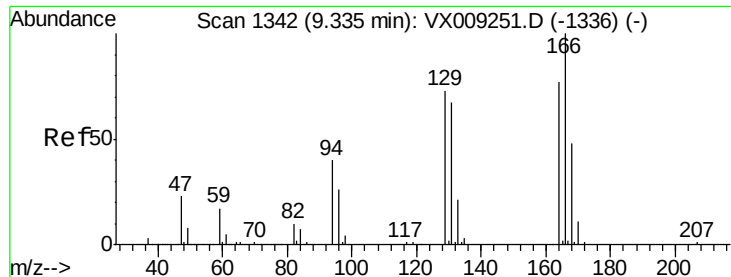
Tot Ion: 43 Resp: 314253
Ion Ratio Lower Upper
43 100
58 51.3 40.8 61.2
57 17.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.954 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion: 95 Resp: 83614
Ion Ratio Lower Upper
95 100
174 79.5 63.6 95.4
176 78.8 62.4 93.6





#61

Tetrachloroethene

Concen: 21.545 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 39017

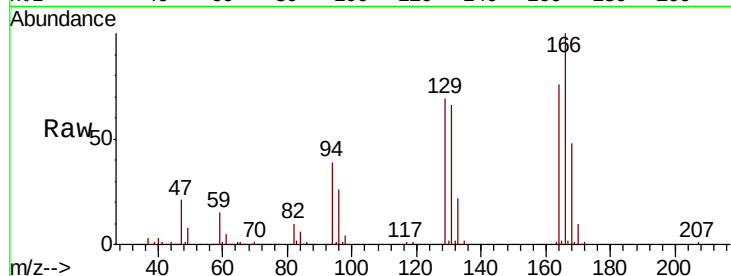
Ion Ratio Lower Upper

164 100

166 131.8 104.1 156.1

129 90.8 76.0 114.0

131 86.5 70.1 105.1

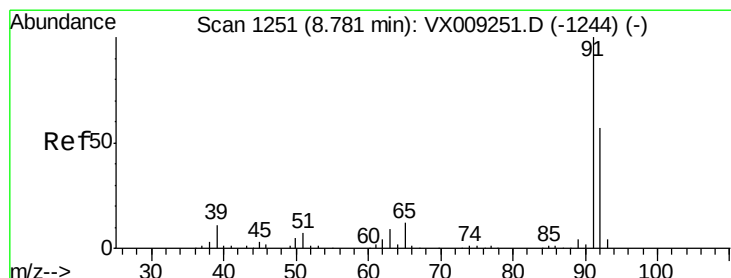
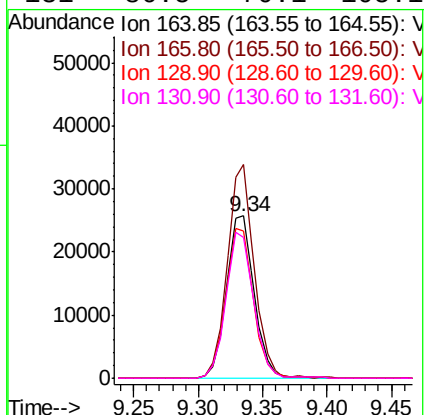
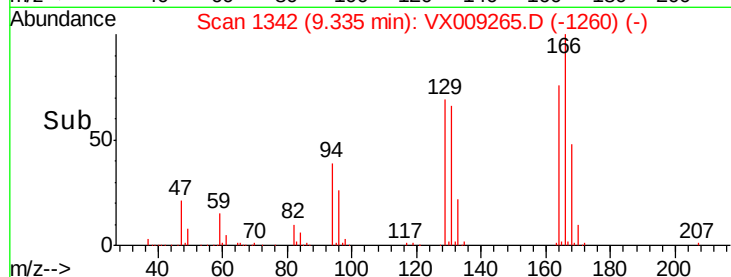


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.382 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009265.D

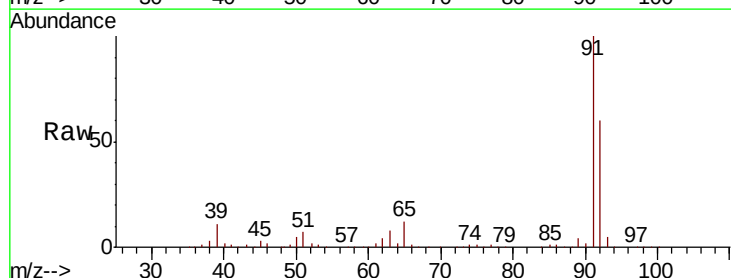
Acq: 02 May 2019 09:50

Tgt Ion: 91 Resp: 178911

Ion Ratio Lower Upper

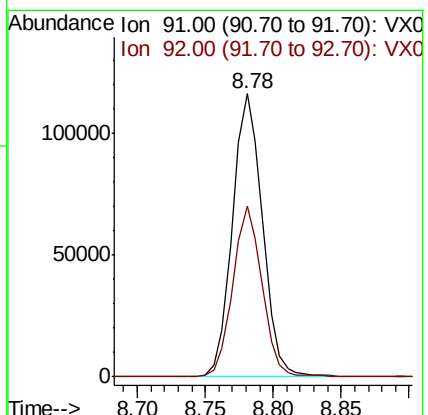
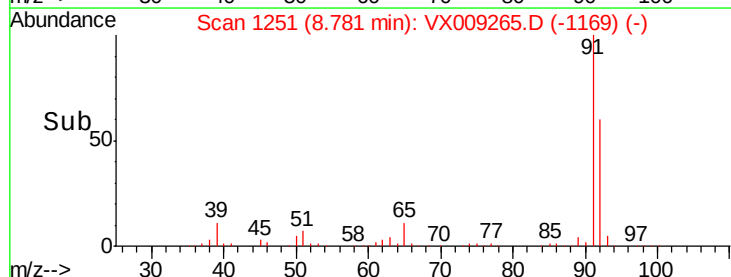
91 100

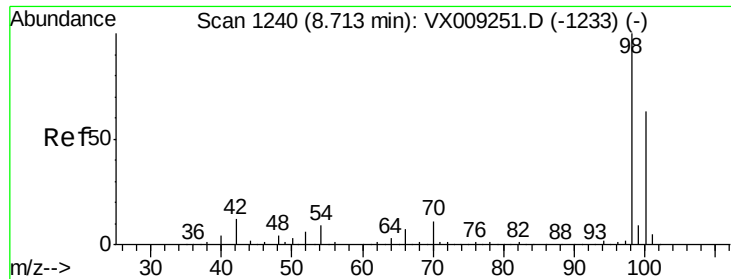
92 58.7 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.738 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

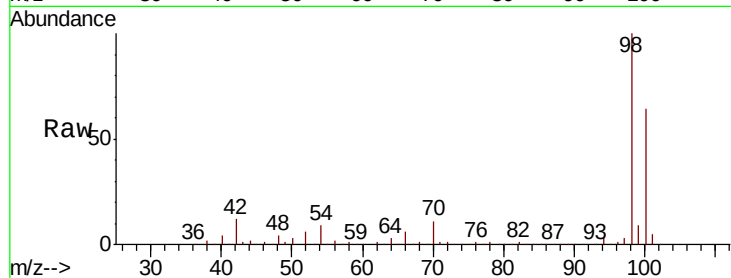
VSTDCCC020

Tot Ion: 98 Resp: 239393

Ion Ratio Lower Upper

98 100

100 63.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX009251.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX009265.D (-1158) (-)

8.71

150000

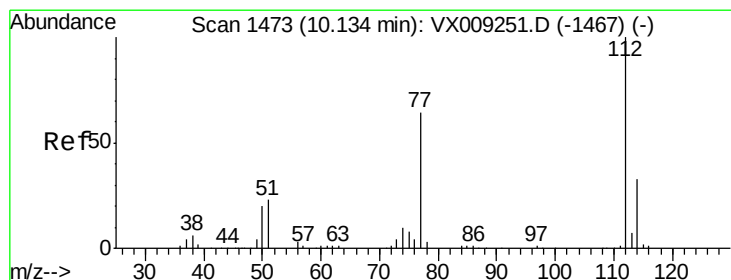
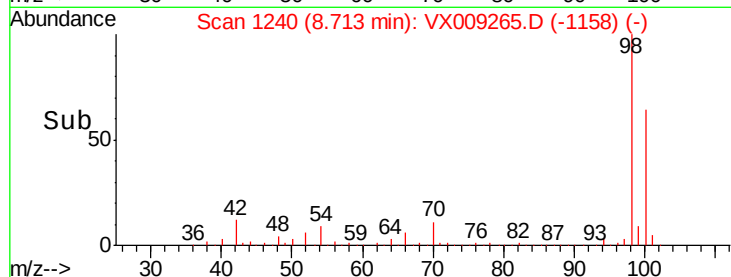
100000

50000

0

8.60 8.70 8.80

Time-->



#64

Chlorobenzene

Concen: 20.355 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009265.D

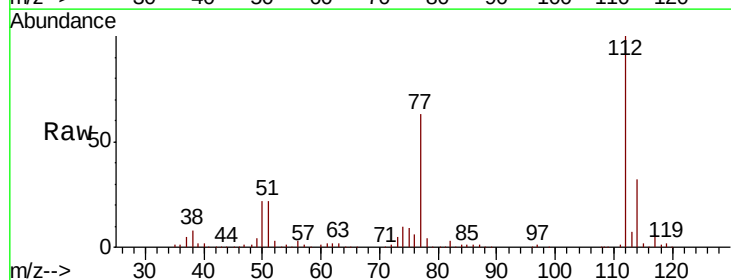
Acq: 02 May 2019 09:50

Tgt Ion: 112 Resp: 107533

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009251.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX009265.D (-1391) (-)

10.13

80000

60000

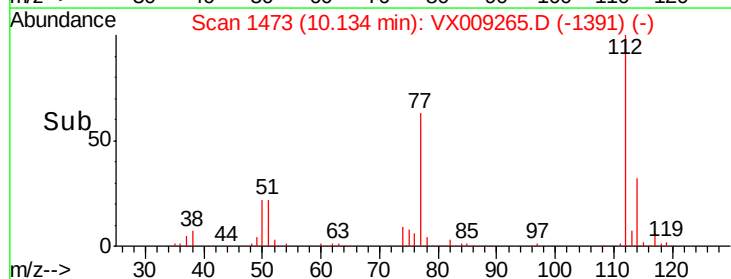
40000

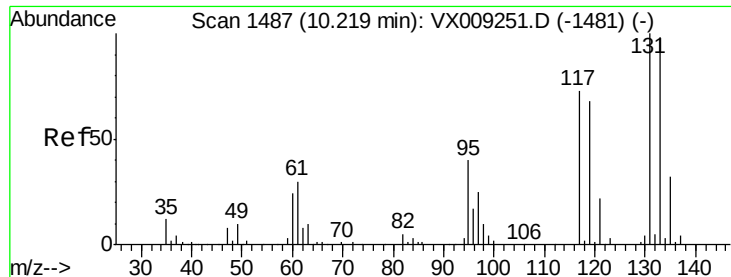
20000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.988 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

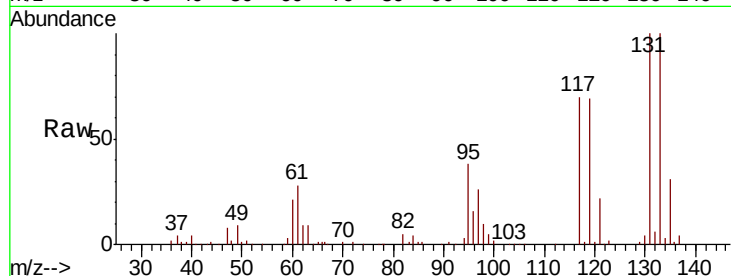
Tot Ion:131 Resp: 38664

Ion Ratio Lower Upper

131 100

133 96.7 0.0 191.2

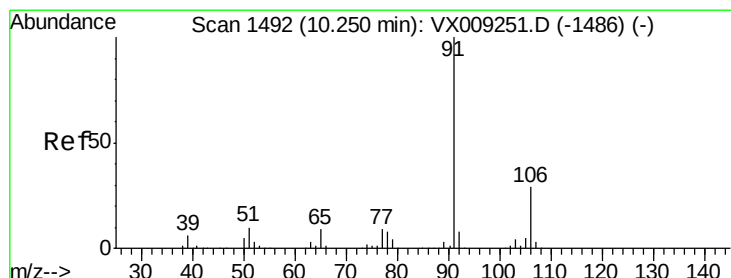
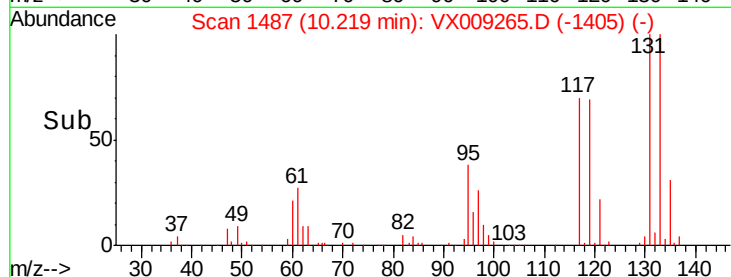
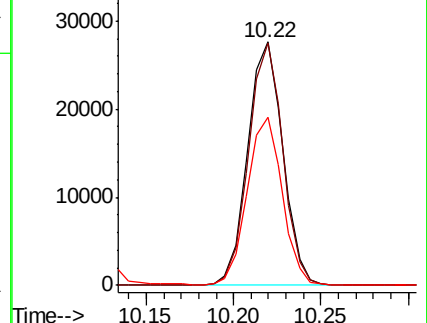
119 68.6 0.0 135.4



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: 20.457 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009265.D

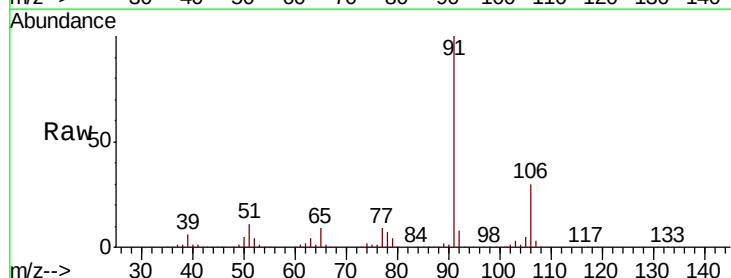
Acq: 02 May 2019 09:50

Tgt Ion: 91 Resp: 200046

Ion Ratio Lower Upper

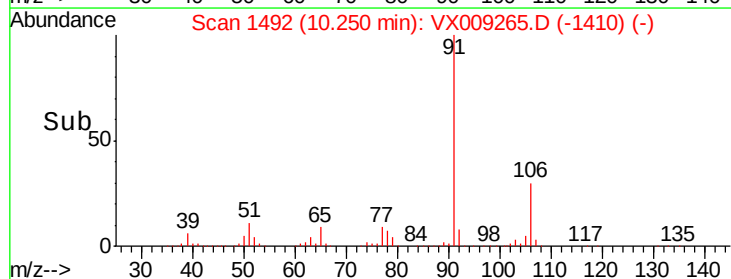
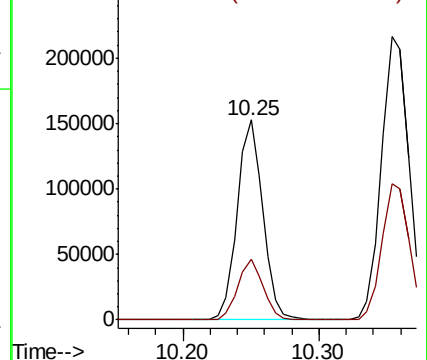
91 100

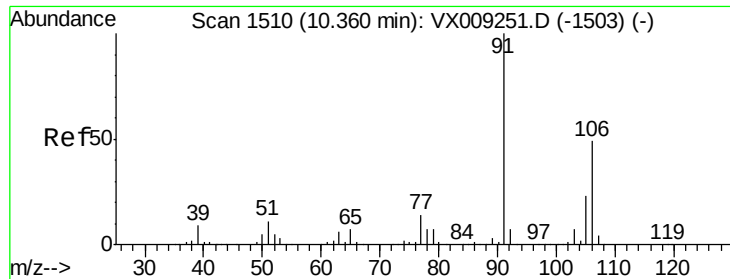
106 30.4 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

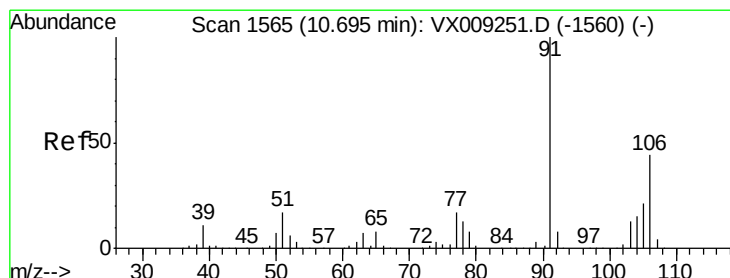
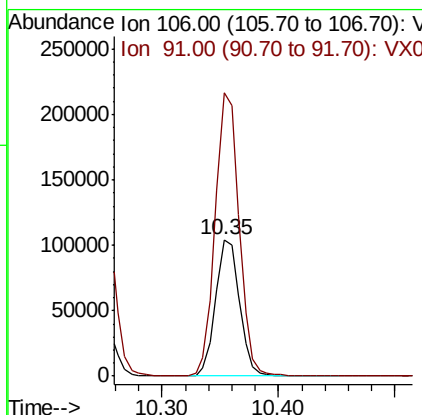
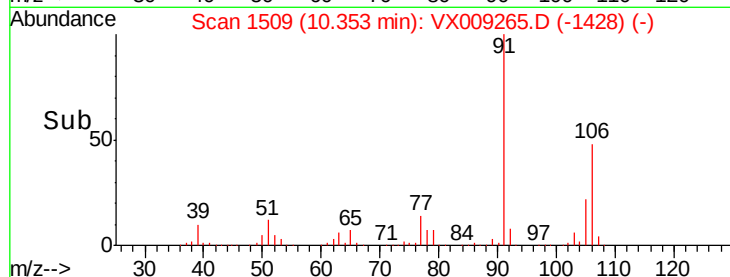
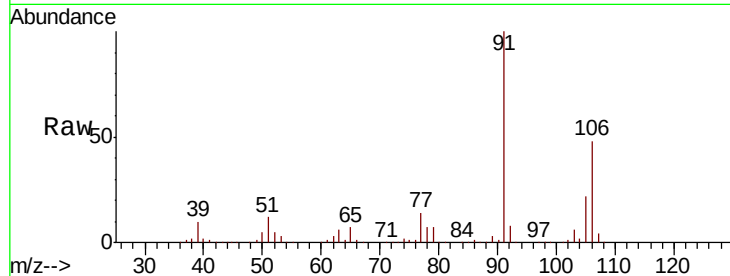




#67
m/p-Xylenes
Concen: 41.294 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

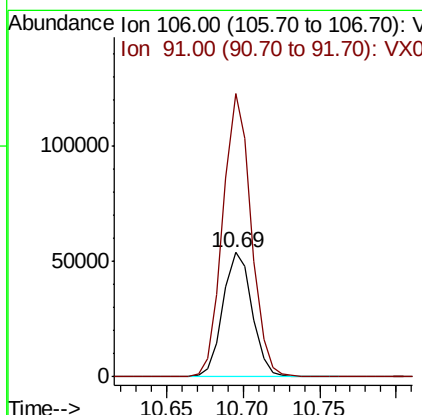
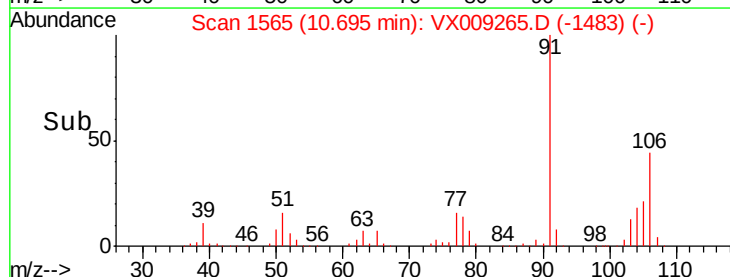
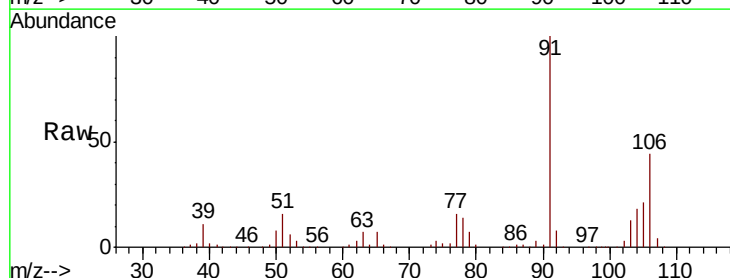
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

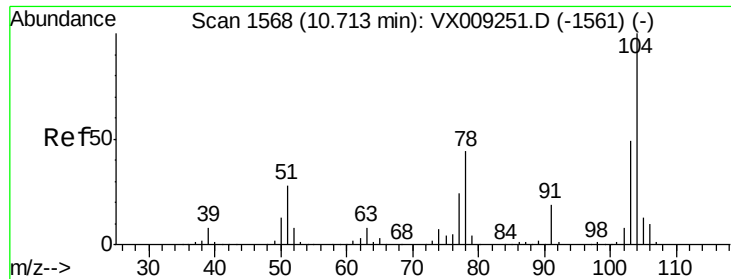
Tot Ion:106 Resp: 147434
Ion Ratio Lower Upper
106 100
91 207.0 166.8 250.2



#68
o-Xylene
Concen: 20.340 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion:106 Resp: 71407
Ion Ratio Lower Upper
106 100
91 220.4 110.8 332.3

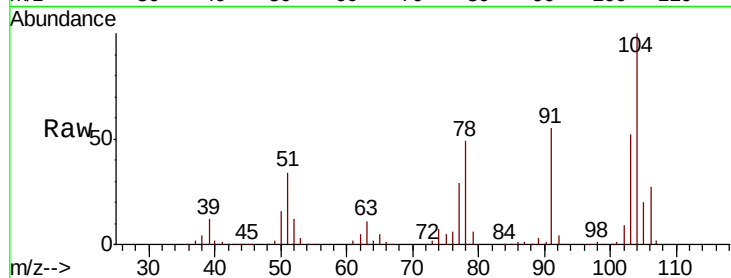




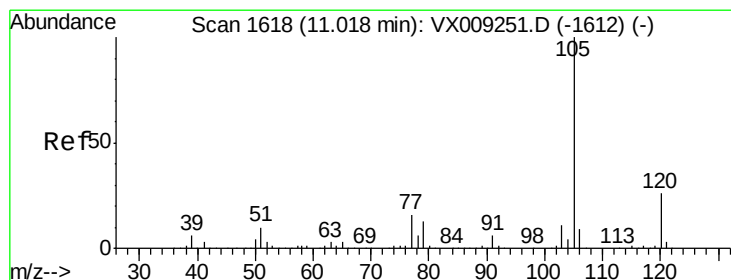
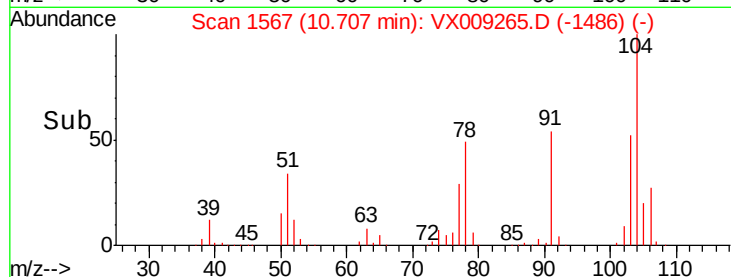
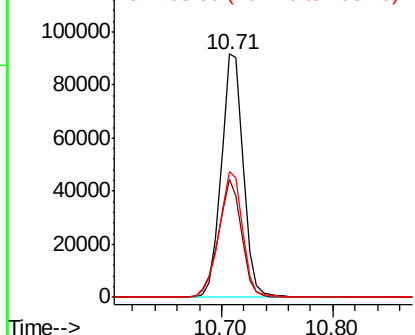
#69
Stvrene
Concen: 20.336 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:104 Resp: 125325
Ion Ratio Lower Upper
104 100
78 51.0 41.1 61.7
103 55.1 43.8 65.8

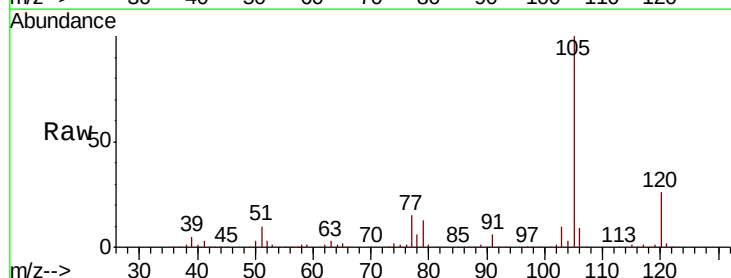


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

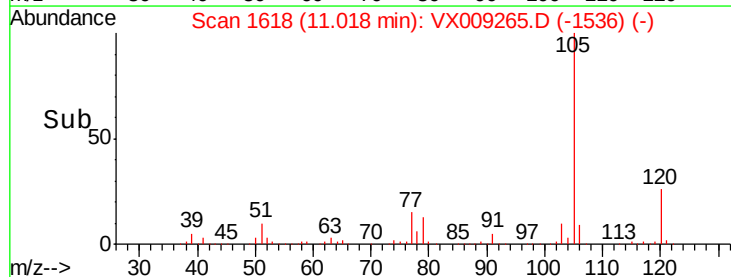
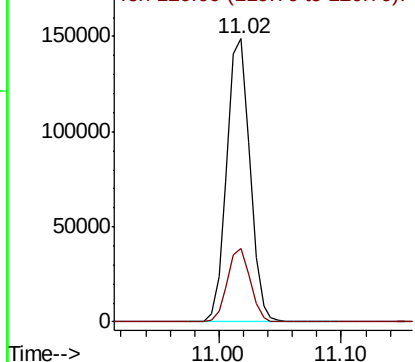


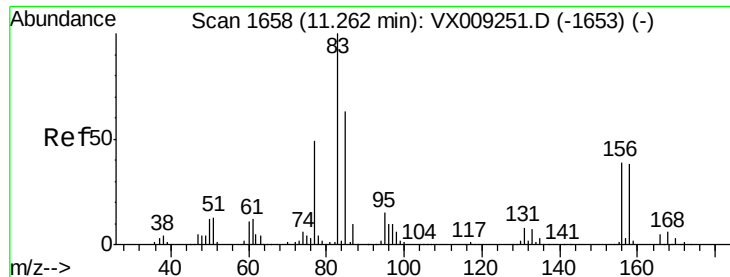
#70
Isopropylbenzene
Concen: 20.641 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion:105 Resp: 194882
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.7



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

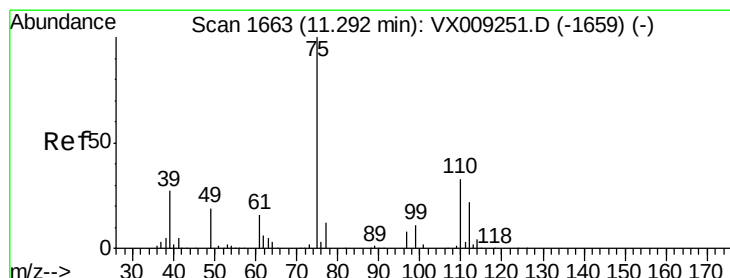
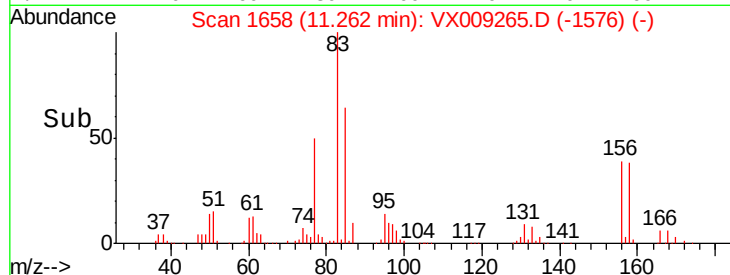
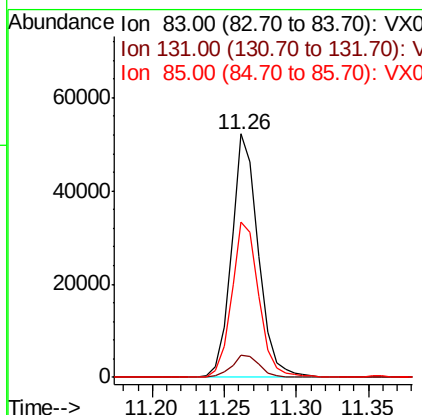
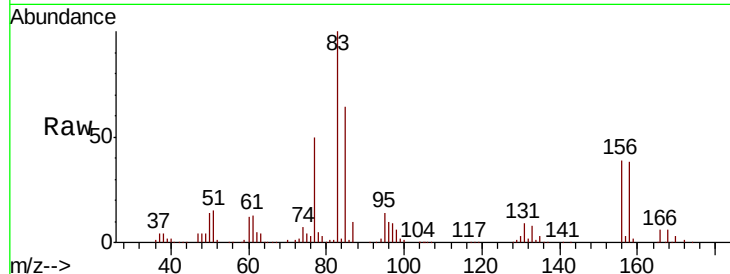




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.661 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

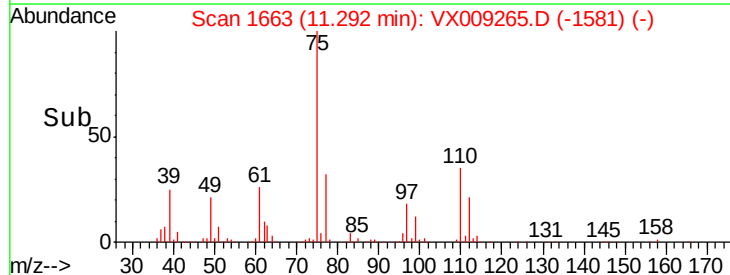
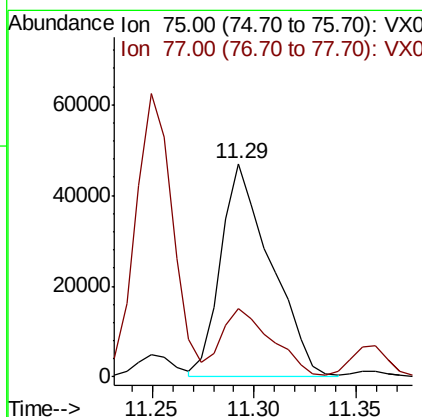
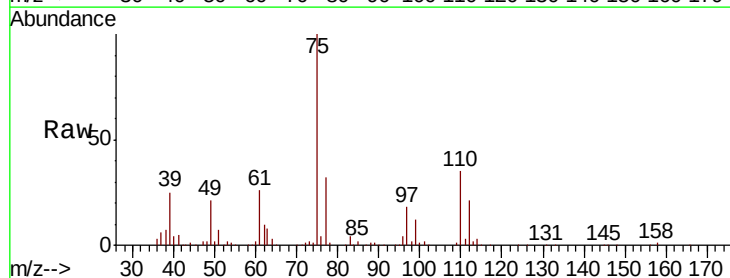
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

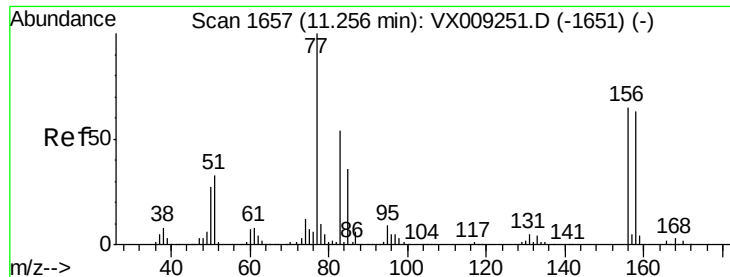
Tot Ion	83	Resp	67982
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.0
85	65.0	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.926 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion	75	Resp	80230
Ion Ratio	Lower	Upper	
75	100		
77	32.3	0.0	86.4





#73

Bromobenzene

Concen: 20.316 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

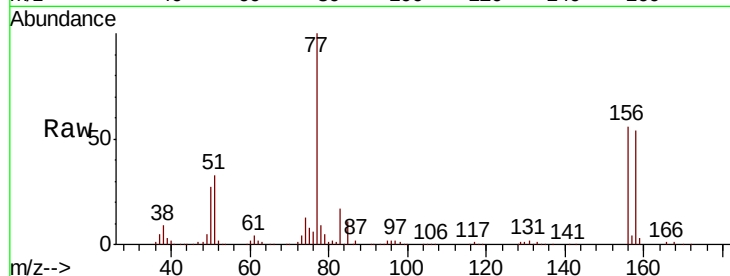
Tot Ion:156 Resp: 47392

Ion Ratio Lower Upper

156 100

77 167.1 0.0 335.6

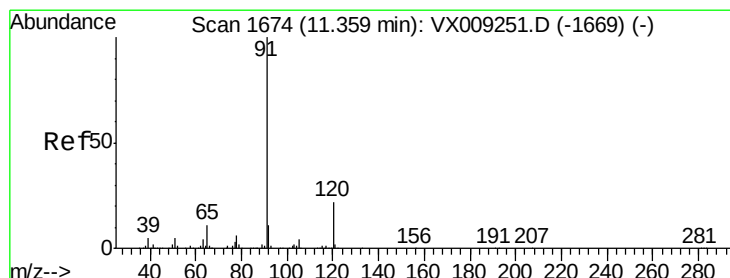
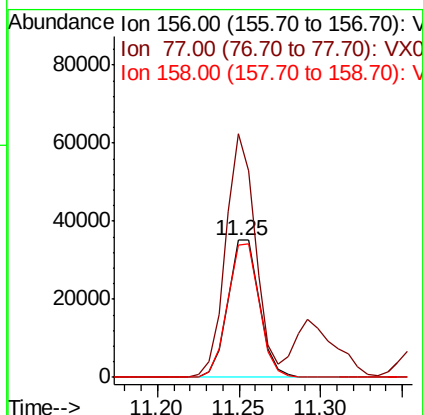
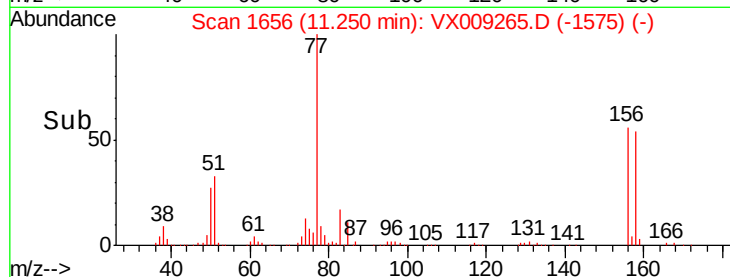
158 97.7 0.0 191.2



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: 20.615 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009265.D

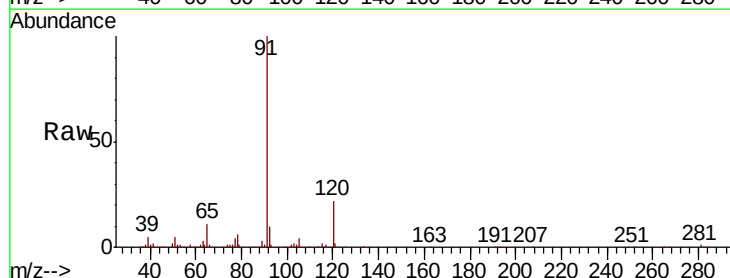
Acq: 02 May 2019 09:50

Tgt Ion: 91 Resp: 225551

Ion Ratio Lower Upper

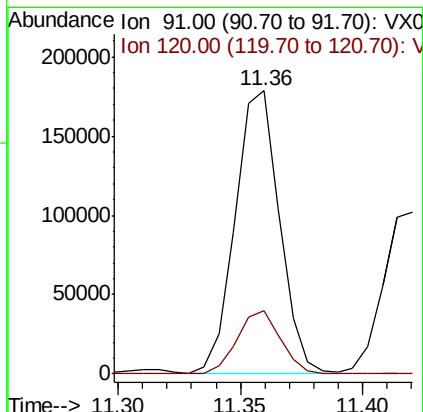
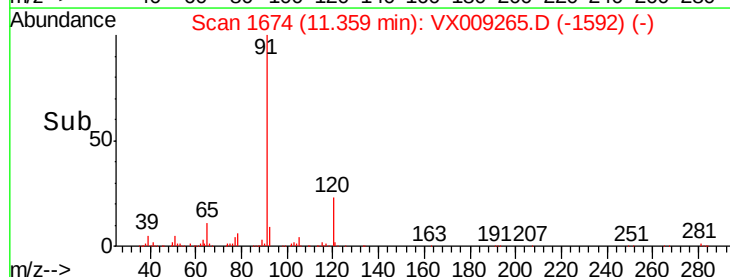
91 100

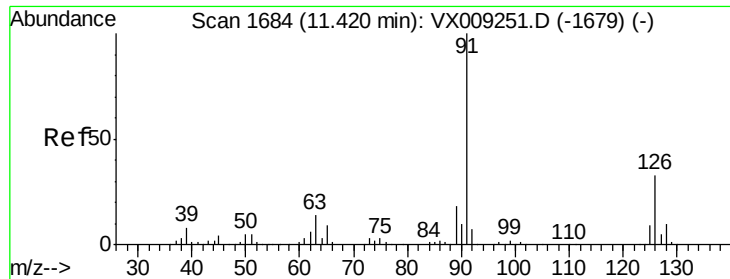
120 21.9 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.566 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

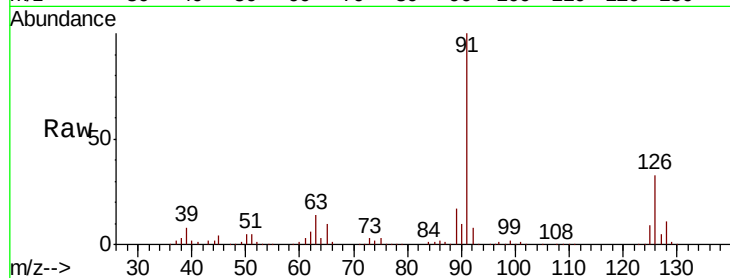
VSTDCCC020

Tot Ion: 91 Resp: 134961

Ion Ratio Lower Upper

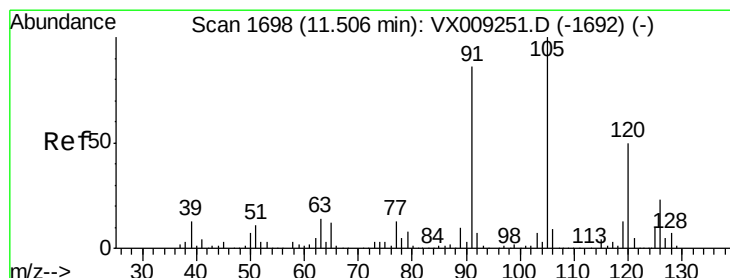
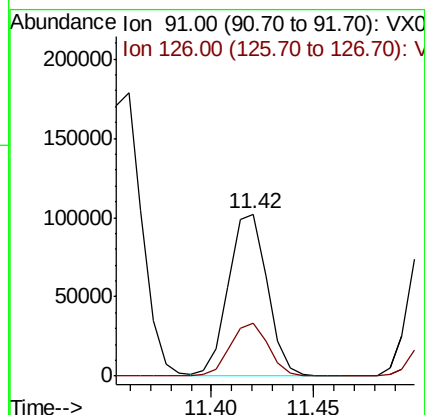
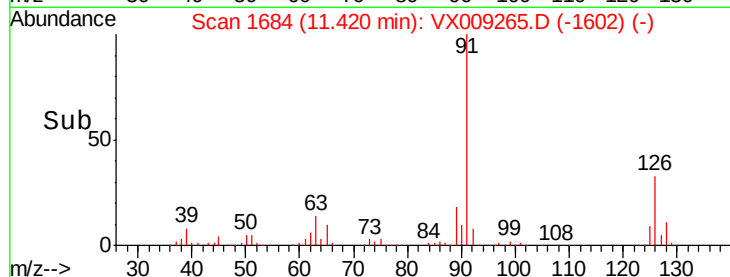
91 100

126 32.2 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX009251.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.758 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009265.D

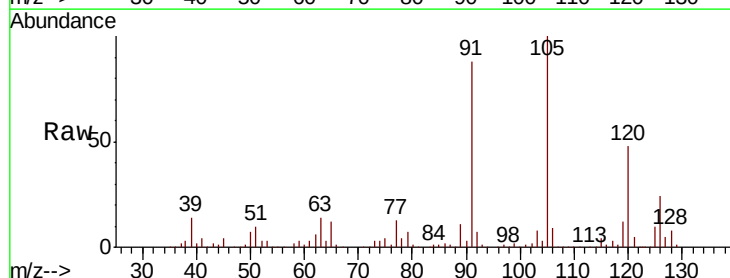
Acq: 02 May 2019 09:50

Tgt Ion:105 Resp: 166014

Ion Ratio Lower Upper

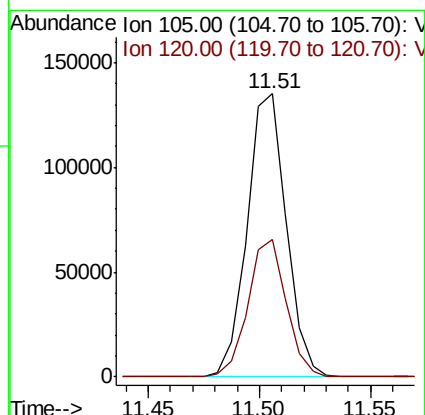
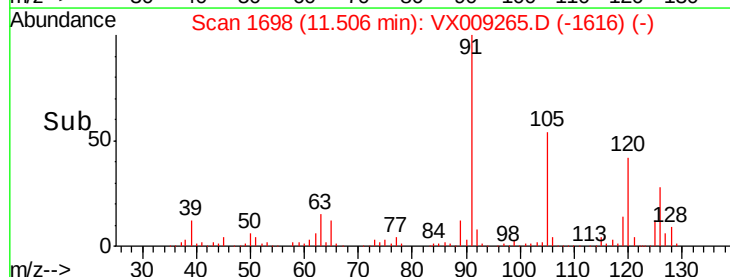
105 100

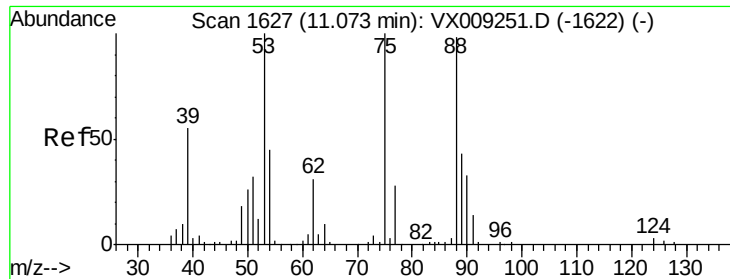
120 47.5 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009251.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.643 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

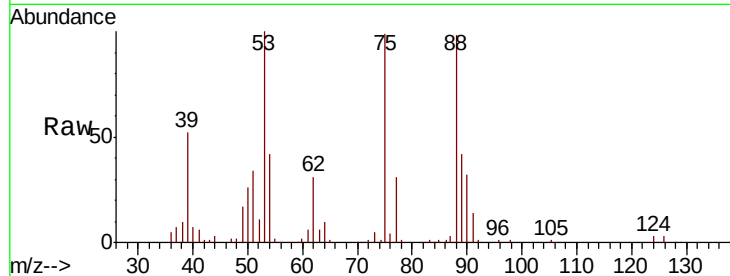
Tot Ion: 75 Resp: 22407

Ion Ratio Lower Upper

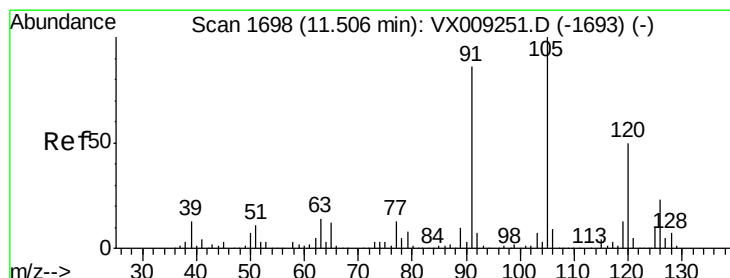
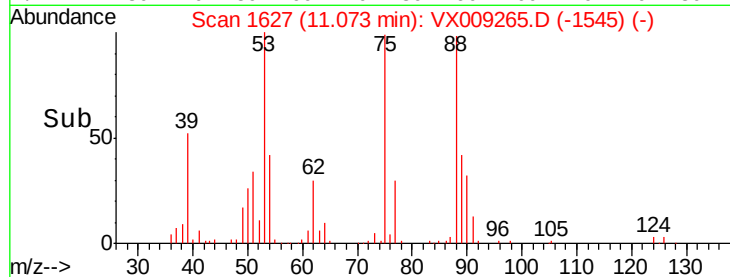
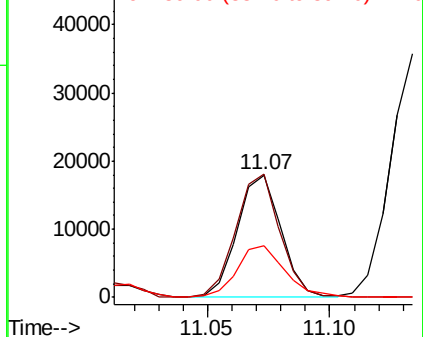
75 100

53 100.7 50.0 149.8

89 42.2 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: 20.424 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009265.D

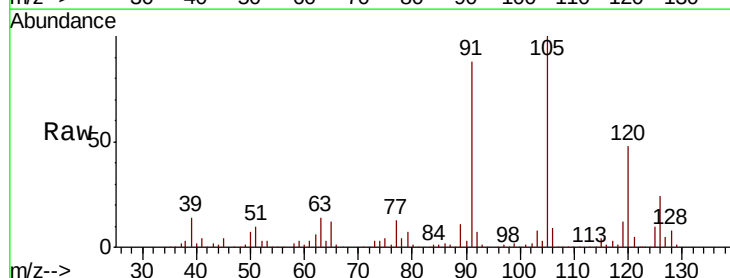
Acq: 02 May 2019 09:50

Tgt Ion: 91 Resp: 152229

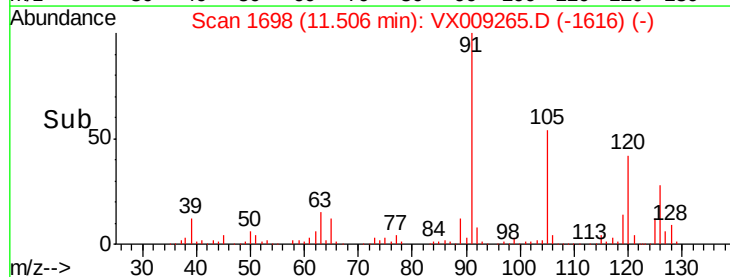
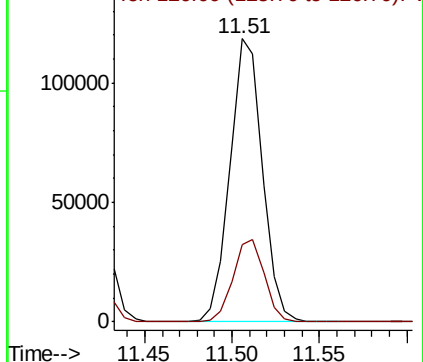
Ion Ratio Lower Upper

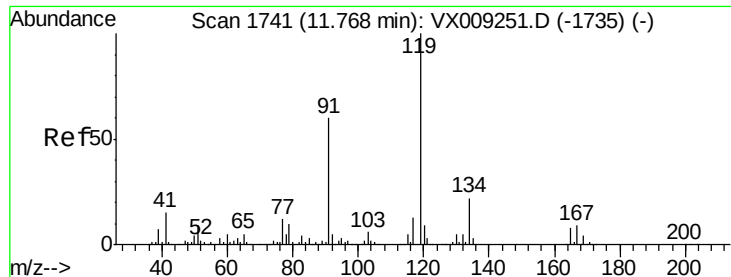
91 100

126 28.5 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

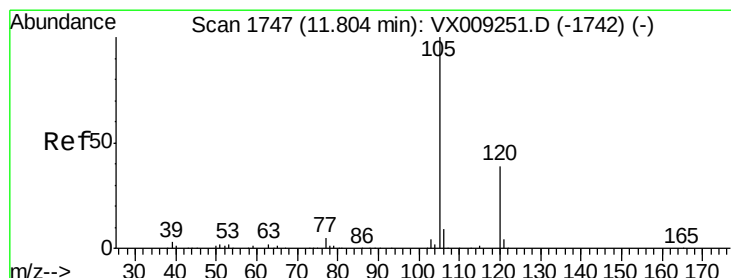
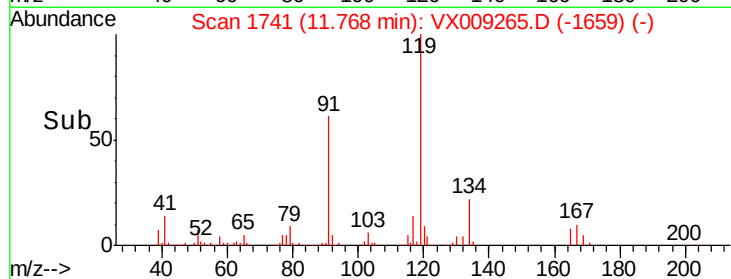
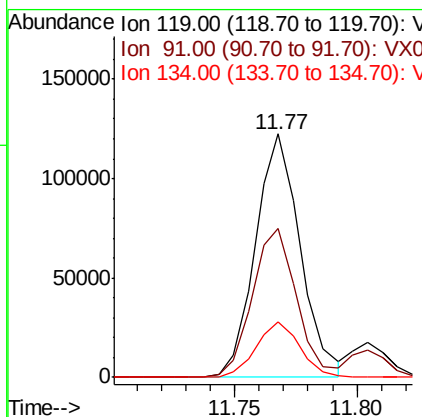
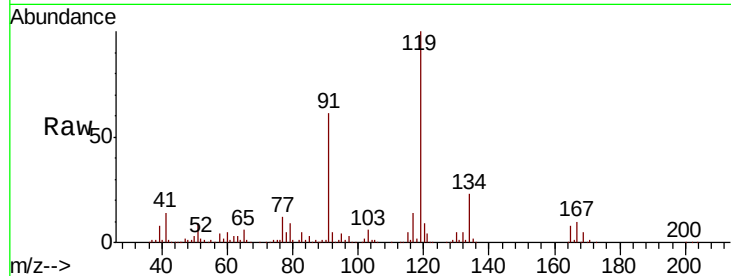




#79
 tert-butylbenzene
 Concen: 20.313 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

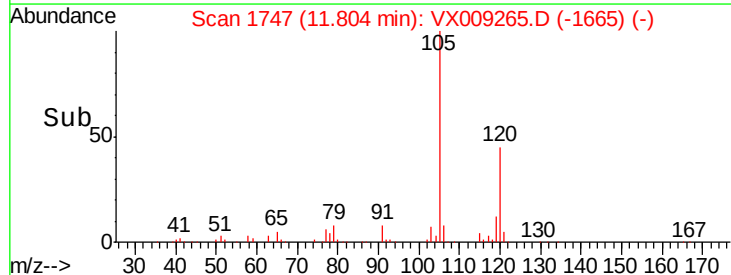
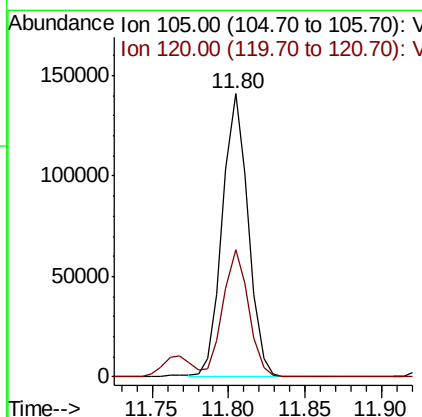
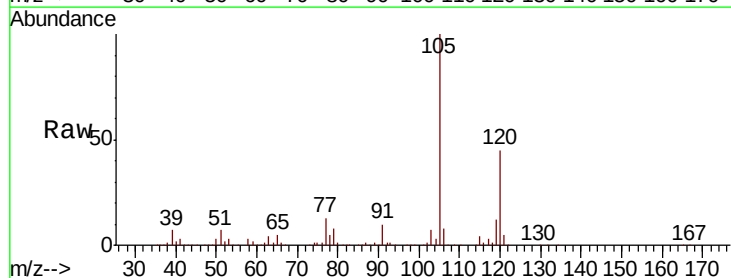
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

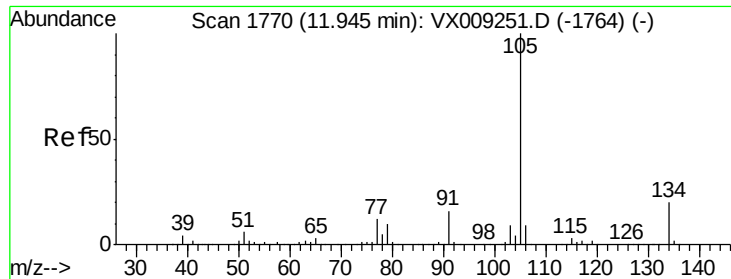
Tot Ion:119 Resp: 157049
 Ion Ratio Lower Upper
 119 100
 91 60.7 0.0 118.2
 134 22.1 0.0 45.0



#80
 1,2,4-Trimethylbenzene
 Concen: 20.555 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion:105 Resp: 164768
 Ion Ratio Lower Upper
 105 100
 120 44.6 0.0 89.6





#81

sec-Butylbenzene

Concen: 20.705 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

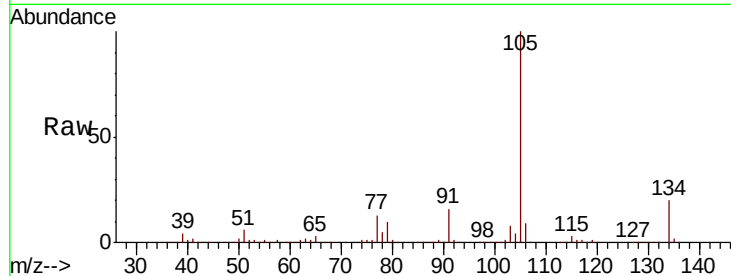
VSTDCCC020

Tot Ion:105 Resp: 190191

Ion Ratio Lower Upper

105 100

134 19.3 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

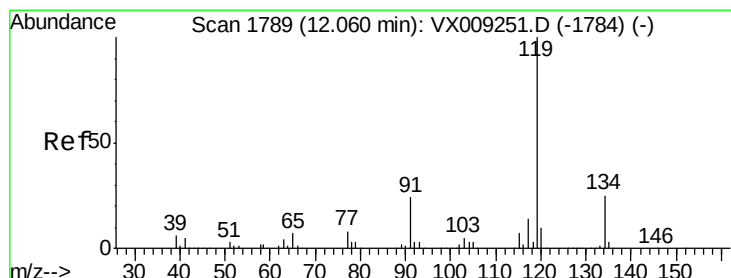
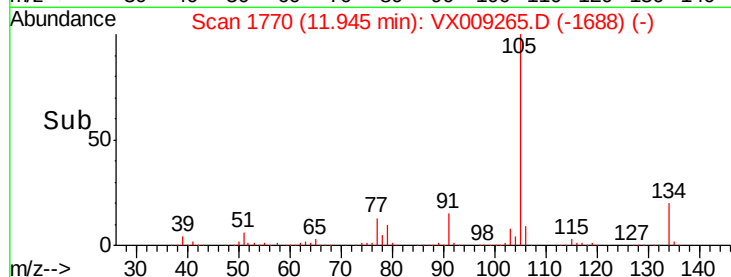
100000

50000

0

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 20.631 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

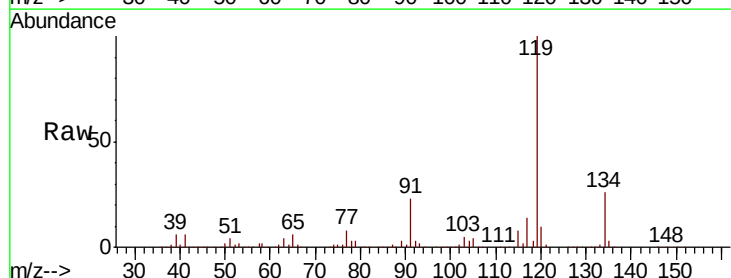
Tgt Ion:119 Resp: 172390

Ion Ratio Lower Upper

119 100

134 26.0 0.0 50.8

91 23.4 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

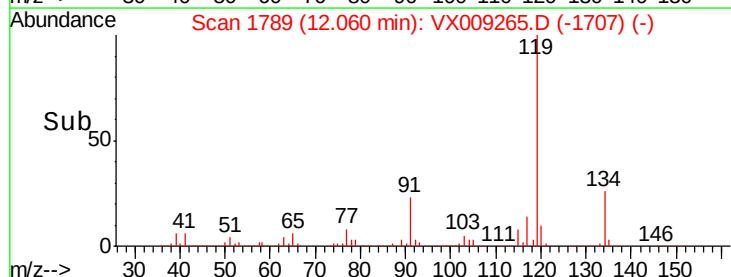
100000

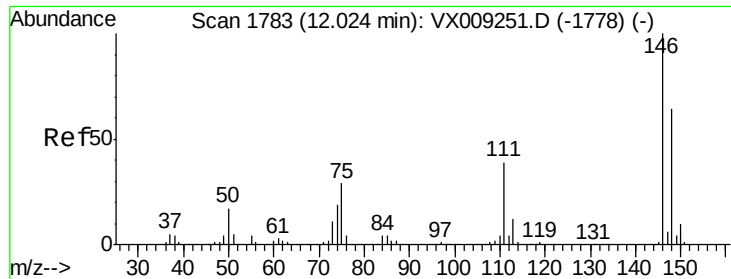
50000

0

12.00 12.05 12.10

Time-->

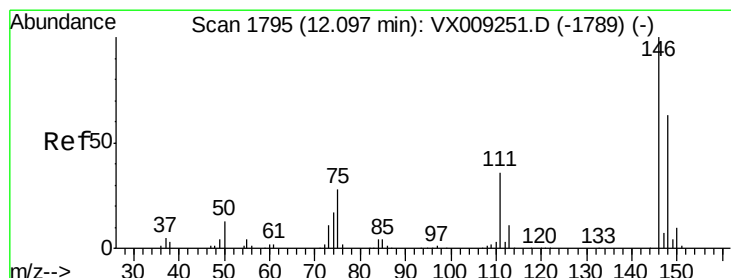
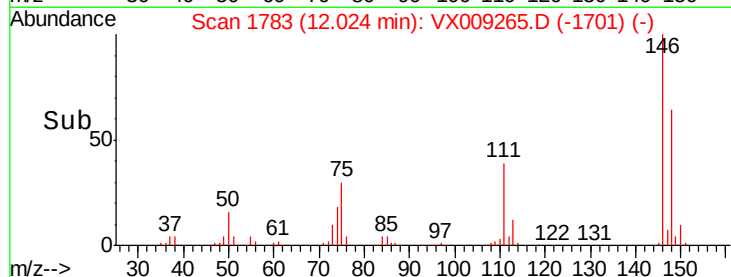
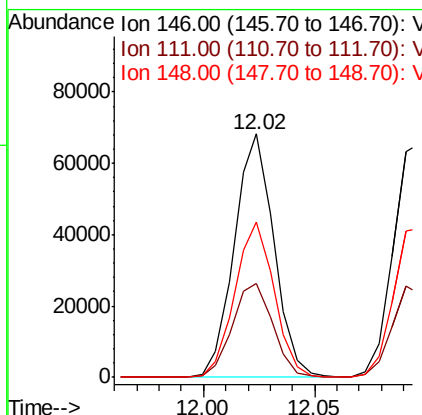
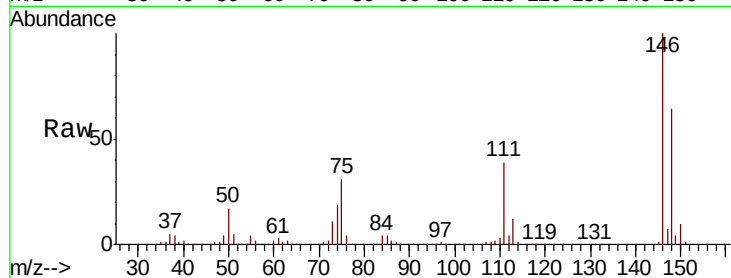




#83
 1,3-Dichlorobenzene
 Concen: 20.213 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

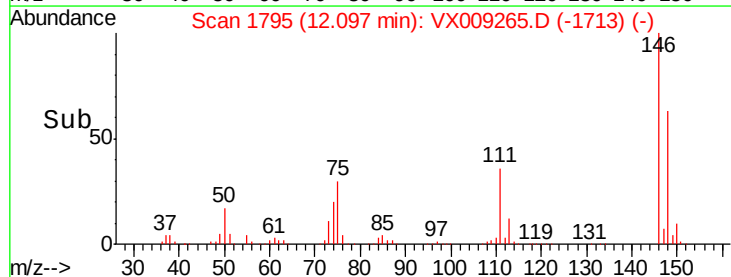
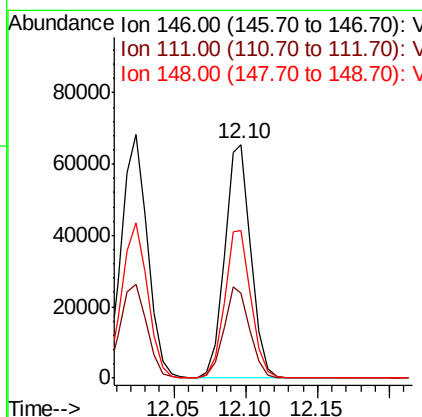
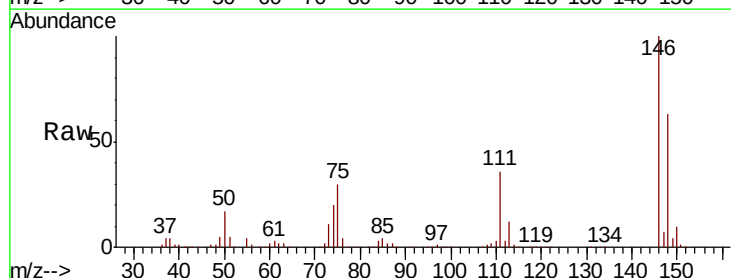
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

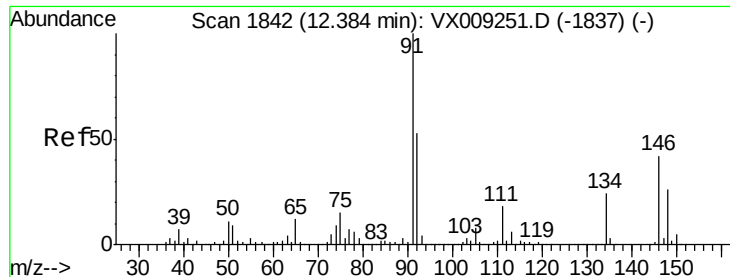
Tot Ion:146 Resp: 84206
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 63.0 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.098 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion:146 Resp: 83415
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 63.2 32.3 96.8





#85

n-Butylbenzene

Concen: 20.680 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009265.D

Acq: 02 May 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

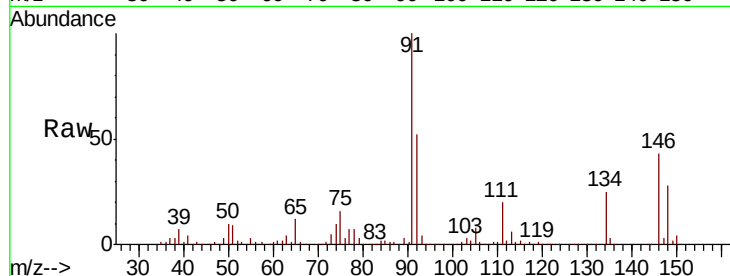
Tot Ion: 91 Resp: 158112

Ion Ratio Lower Upper

91 100

92 52.1 0.0 106.6

134 24.9 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX009251.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX009251.D (-1837) (-)

12.38

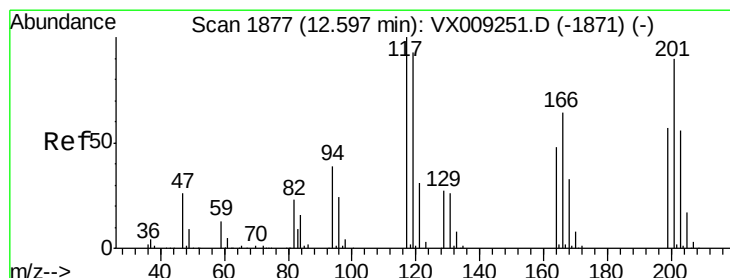
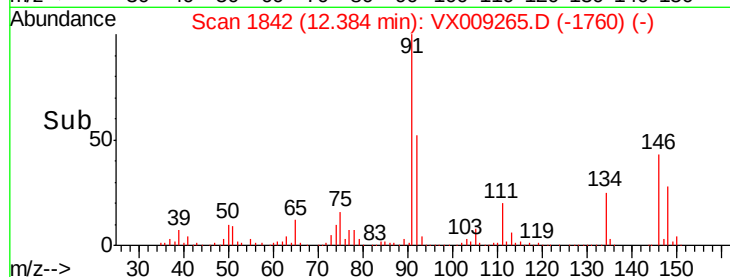
150000

100000

50000

0

Time-->



#86

Hexachloroethane

Concen: 19.175 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009265.D

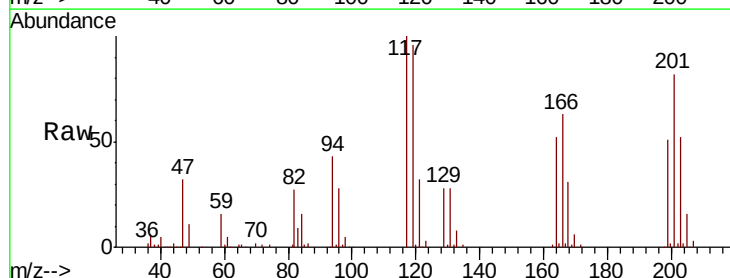
Acq: 02 May 2019 09:50

Tgt Ion: 117 Resp: 27263

Ion Ratio Lower Upper

117 100

201 88.5 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): VX009251.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX009251.D (-1871) (-)

25000

20000

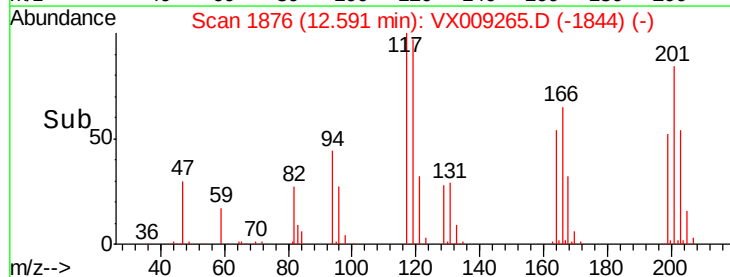
15000

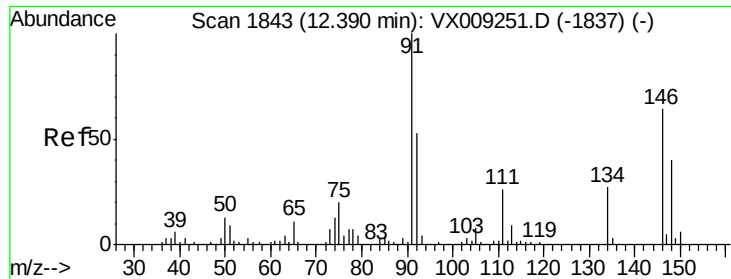
10000

5000

0

Time-->

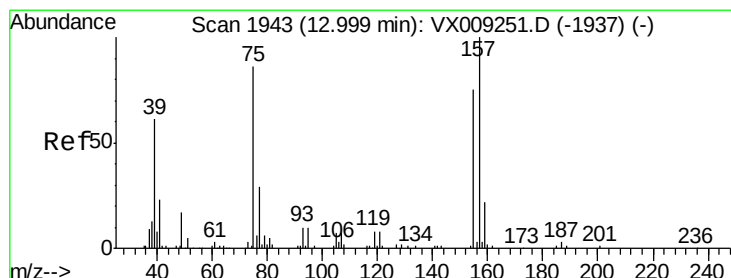
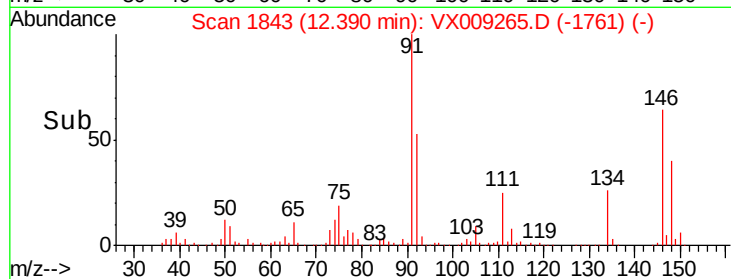
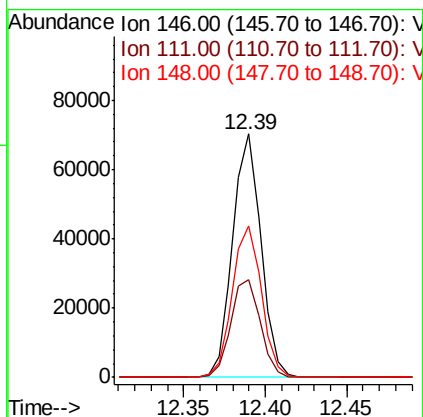
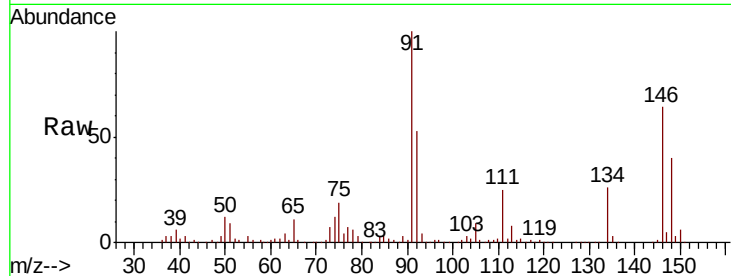




#87
 1,2-Dichlorobenzene
 Concen: 20.306 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

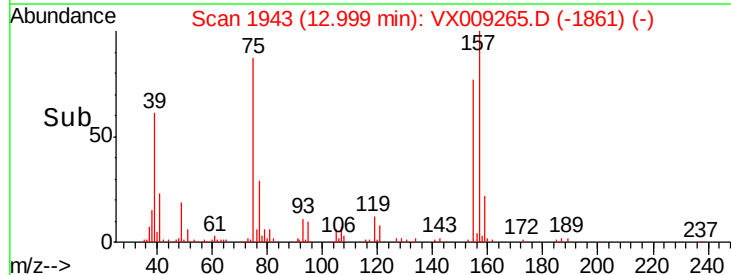
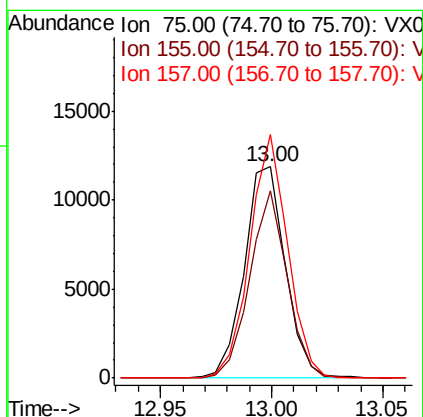
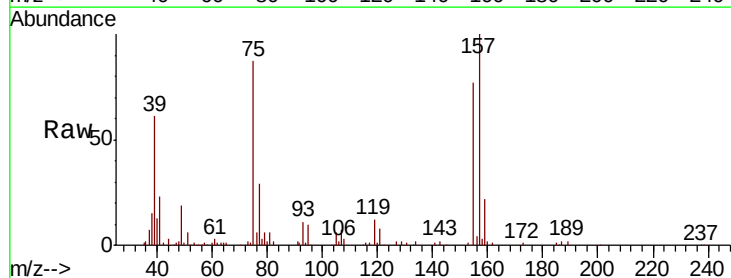
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

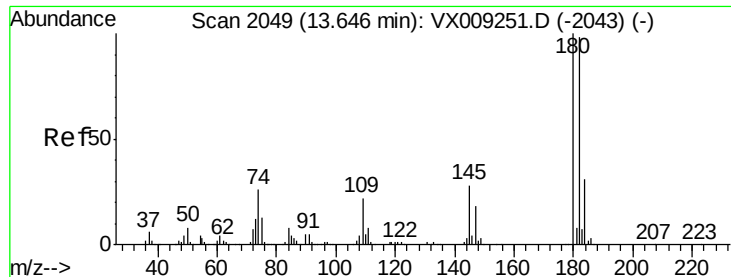
Tot Ion:146 Resp: 85154
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.2
 148 63.9 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.062 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion: 75 Resp: 15316
 Ion Ratio Lower Upper
 75 100
 155 80.5 65.9 98.9
 157 105.9 85.2 127.8

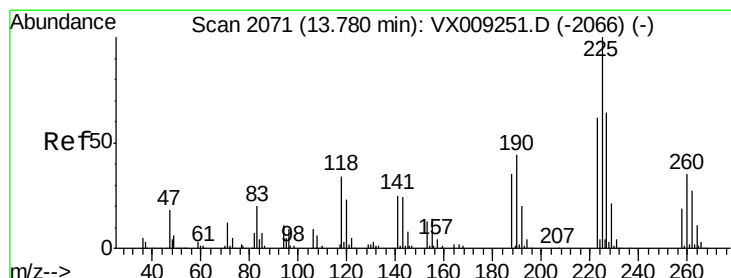
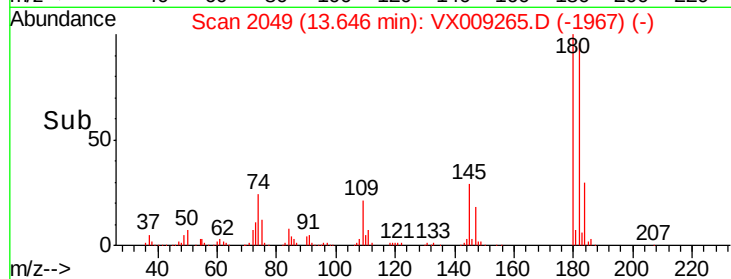
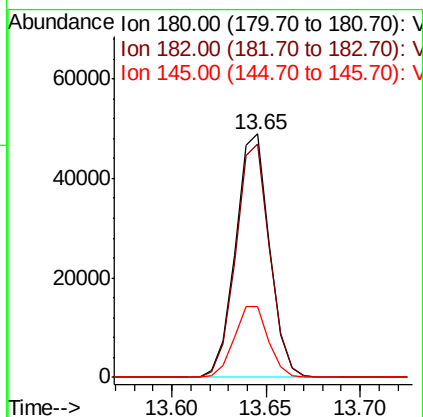
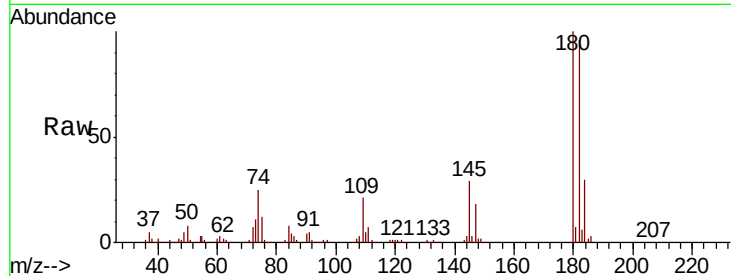




#89
 1,2,4-Trichlorobenzene
 Concen: 20.413 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

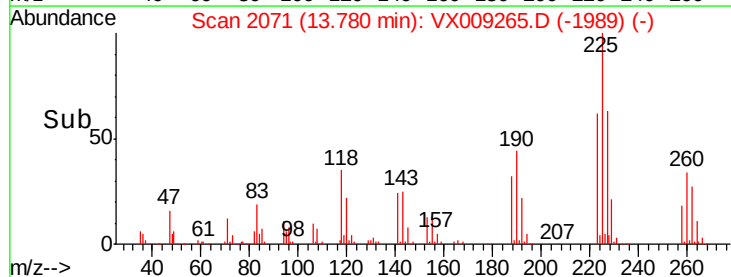
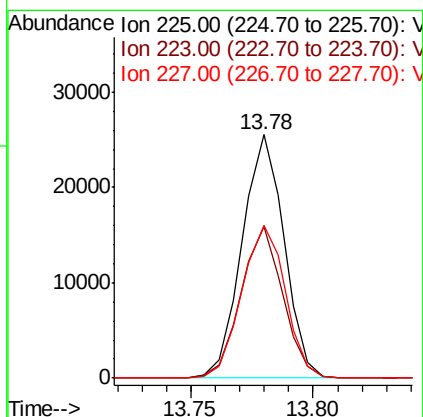
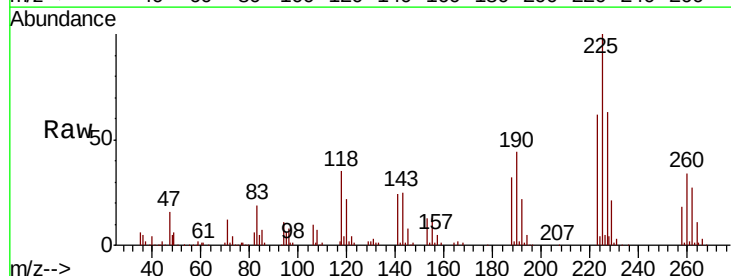
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

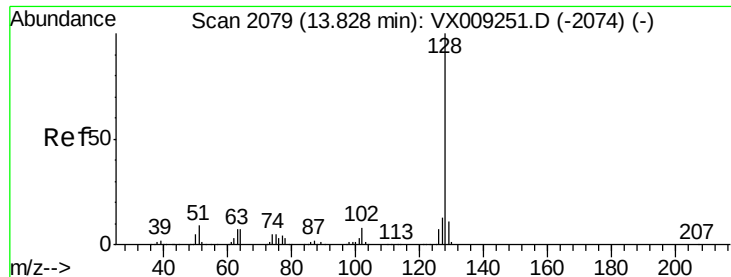
Tot Ion:180 Resp: 61014
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.9 115.3
 145 29.5 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 20.528 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009265.D
 Acq: 02 May 2019 09:50

Tgt Ion:225 Resp: 30649
 Ion Ratio Lower Upper
 225 100
 223 62.1 0.0 126.6
 227 65.0 0.0 130.0

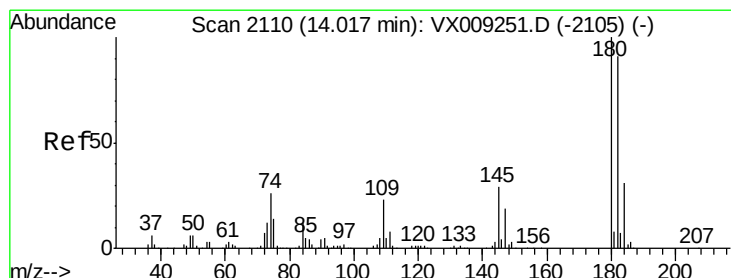
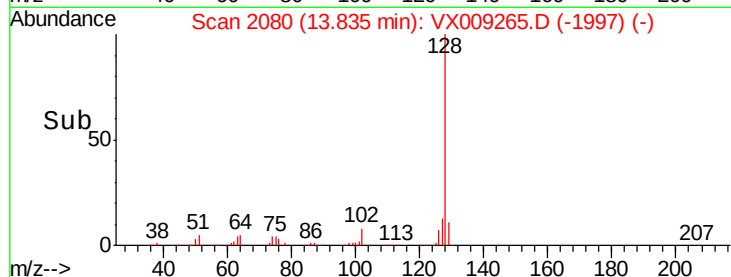
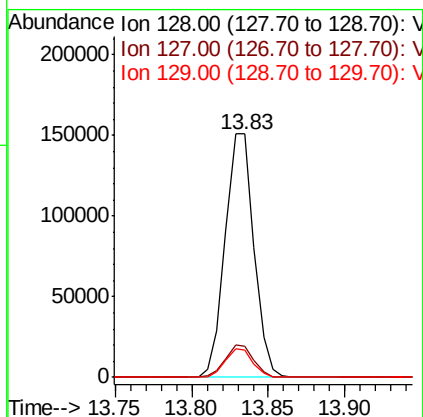
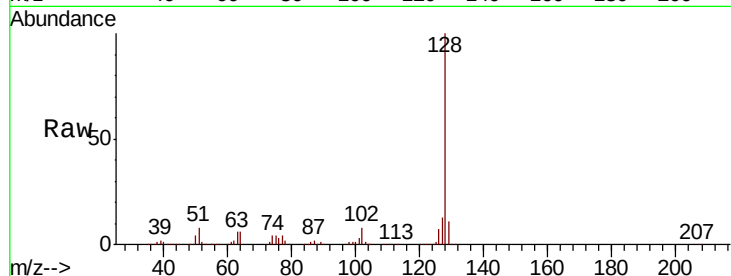




#91
Naphthalene
Concen: 20.166 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.699 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009265.D
Acq: 02 May 2019 09:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	189.0
145	31.1	0.0	61.6

