

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009651.D
 Acq On : 17 May 2019 09:45
 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 18 03:54:10 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	35916	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	210291	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	187629	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	89386	30.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.00%
60) 4-Bromofluorobenzene	11.13	95	96562	30.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.97%
63) Toluene-d8	8.71	98	266445	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	30536	16.000	ug/l 99
3) Chloromethane	1.32	50	44368	17.296	ug/l 98
4) Vinyl Chloride	1.41	62	44643	17.445	ug/l 96
5) Bromomethane	1.64	94	29863	18.409	ug/l 99
6) Chloroethane	1.72	64	29141	17.364	ug/l 98
7) Trichlorofluoromethane	1.93	101	58874	18.631	ug/l 98
8) Diethyl Ether	2.19	74	27074	18.451	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36851	18.835	ug/l 99
10) 1,1-Dichloroethene	2.37	96	35405	18.023	ug/l 95
11) Methyl Iodide	2.51	142	36984	17.318	ug/l 93
12) Methyl Acetate	2.77	43	67375	18.209	ug/l 96
13) Acrolein	2.29	56	43977	86.654	ug/l 99
14) Acrylonitrile	3.14	53	148837	92.686	ug/l 99
15) Acetone	2.44	58	49231	106.780	ug/l 92
16) Carbon Disulfide	2.57	76	92907	17.479	ug/l 99
17) Allyl chloride	2.73	41	86748	18.393	ug/l 98
18) Methylene Chloride	2.85	84	43855	18.472	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	38580	18.419	ug/l 99
20) Diisopropyl ether	3.85	45	176358	18.989	ug/l 96
21) 1,1-Dichloroethane	3.70	63	84353	18.767	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	46720	18.518	ug/l 97
23) tert-Butyl Alcohol	3.04	59	61918	91.189	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	144582	18.806	ug/l 99
25) Chloroform	5.21	83	77591	18.917	ug/l 99
26) Cyclohexane	5.57	56	78229	18.675	ug/l # 96
29) 1,1-Dichloropropene	5.79	75	58559	18.978	ug/l 99
30) 2-Butanone	4.67	43	235016	97.254	ug/l 100
31) 2,2-Dichloropropane	4.58	77	63676	18.719	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	63279	18.917	ug/l 97
33) Carbon Tetrachloride	5.78	117	52672	18.820	ug/l 97
34) Benzene	6.14	78	179163	18.833	ug/l 99
35) Methacrylonitrile	5.04	41	46772	18.500	ug/l 96
36) 1,2-Dichloroethane	6.19	62	66464	19.255	ug/l 100
37) Trichloroethene	7.21	130	42558	18.584	ug/l 96
38) Methylcyclohexane	7.46	83	72907	19.124	ug/l 99
39) 1,2-Dichloropropane	7.51	63	52139	19.246	ug/l 99
40) Dibromomethane	7.66	93	28851	18.764	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	59130	18.827	ug/l	100
42) Vinyl Acetate	3.81	43	773217	96.947	ug/l	99
43) Ethyl Acetate	4.83	43	82139	18.811	ug/l	99
44) Isopropyl Acetate	6.44	43	132210	18.690	ug/l	99
45) 1,4-Dioxane	7.74	88	25725	370.405	ug/l	98
46) Methyl methacrylate	7.77	41	66452	18.821	ug/l	98
47) n-amyl Acetate	10.90	43	119778	18.796	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	67607	18.449	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	75595	18.791	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	46019	19.535	ug/l	97
51) Ethyl methacrylate	9.18	69	81550	18.733	ug/l	99
52) 1,3-Dichloropropane	9.37	76	80086	19.156	ug/l	99
53) Dibromochloromethane	9.58	129	43349	18.478	ug/l	99
54) 1,2-Dibromoethane	9.67	107	45238	18.725	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	196182	84.573	ug/l	99
56) Bromoform	10.85	173	33108	18.384	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	437711	94.875	ug/l	100
59) 2-Hexanone	9.49	43	348940	96.429	ug/l	98
61) Tetrachloroethene	9.34	164	40277	19.472	ug/l	97
62) Toluene	8.78	91	190536	19.004	ug/l	100
64) Chlorobenzene	10.13	112	116098	19.241	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	41923	18.975	ug/l	99
66) Ethyl Benzene	10.25	91	213056	19.075	ug/l	99
67) m/p-Xylenes	10.36	106	156075	38.273	ug/l	100
68) o-Xylene	10.69	106	77358	19.292	ug/l	98
69) Styrene	10.71	104	133773	19.004	ug/l	99
70) Isopropylbenzene	11.02	105	208156	19.303	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	75574	19.136	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	87314	25.655	ug/l	84
73) Bromobenzene	11.26	156	50343	18.895	ug/l	97
74) n-propylbenzene	11.36	91	246276	19.707	ug/l	100
75) 2-Chlorotoluene	11.42	91	143405	19.132	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	178665	19.559	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	24109	17.562	ug/l	93
78) 4-Chlorotoluene	11.51	91	165487	19.439	ug/l	99
79) tert-butylbenzene	11.77	119	169618	19.208	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	176745	19.305	ug/l	98
81) sec-Butylbenzene	11.94	105	206591	19.691	ug/l	100
82) p-Isopropyltoluene	12.06	119	187620	19.659	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	91431	19.215	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	92377	19.486	ug/l	99
85) n-Butylbenzene	12.38	91	172864	19.795	ug/l	99
86) Hexachloroethane	12.60	117	29930	18.430	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	92856	19.386	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17770	19.363	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	67107	19.657	ug/l	100
90) Hexachlorobutadiene	13.78	225	35390	20.753	ug/l	99
91) Naphthalene	13.83	128	217003	19.414	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	69561	20.044	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

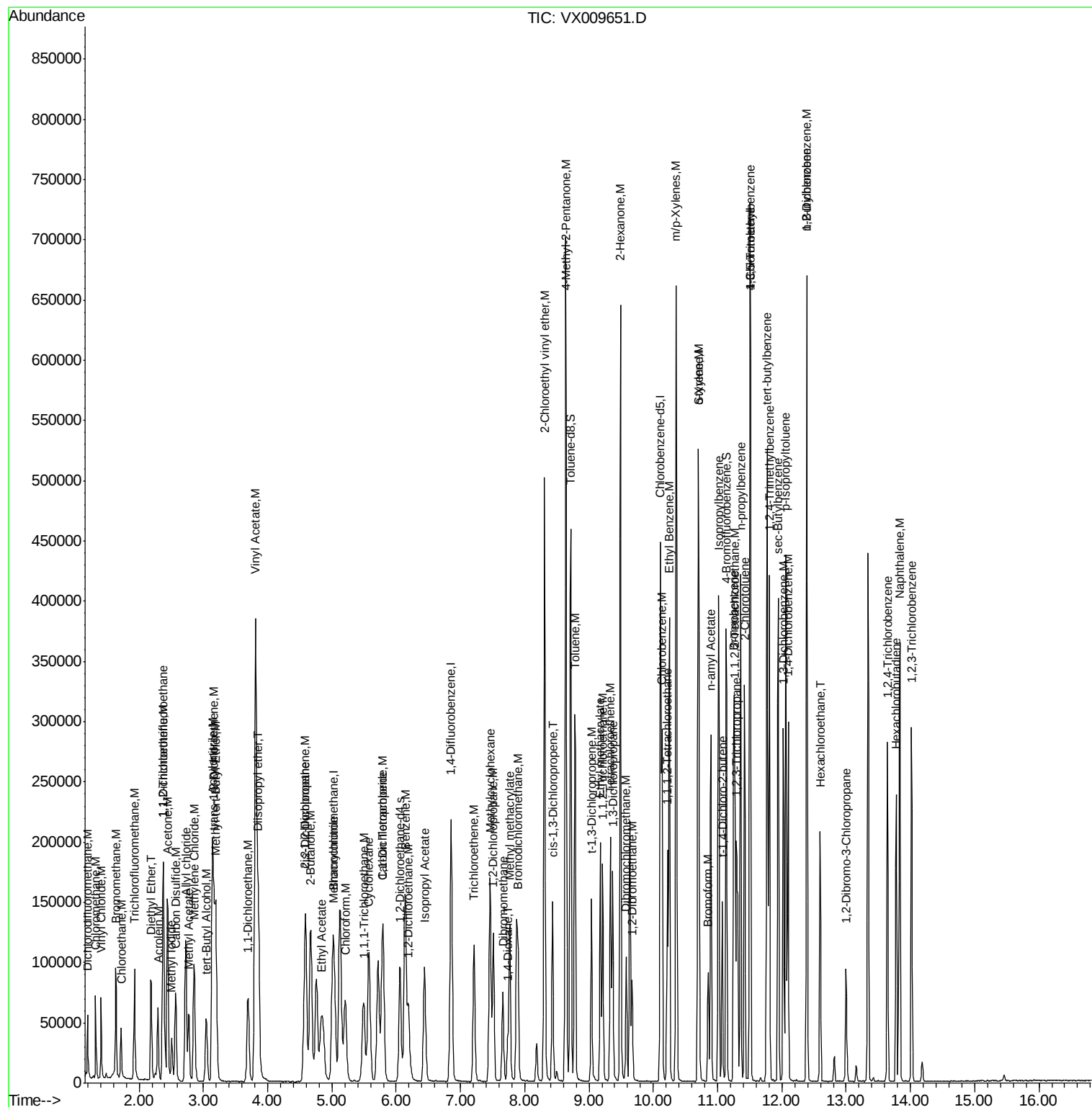
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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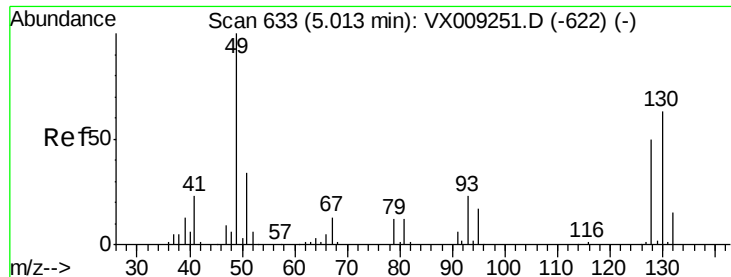
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: May 18 03:54:10 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

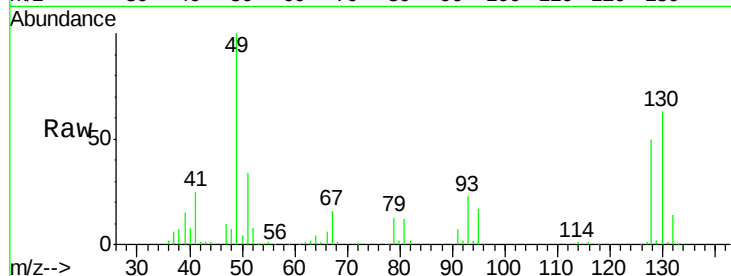
Tot Ion:128 Resp: 35916

Ion Ratio Lower Upper

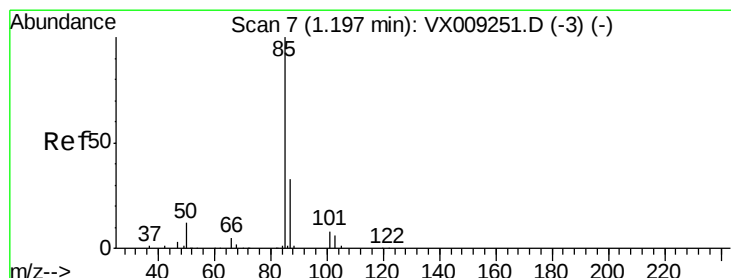
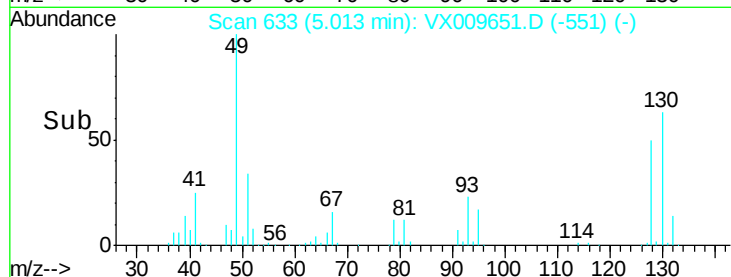
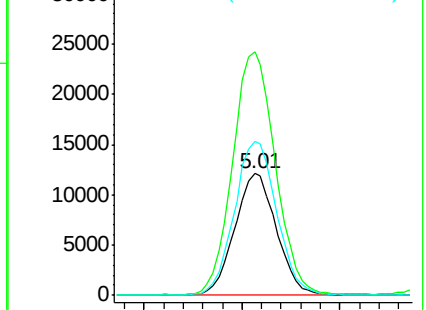
128 100

49 204.7 0.0 515.0

130 128.1 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: 16.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009651.D

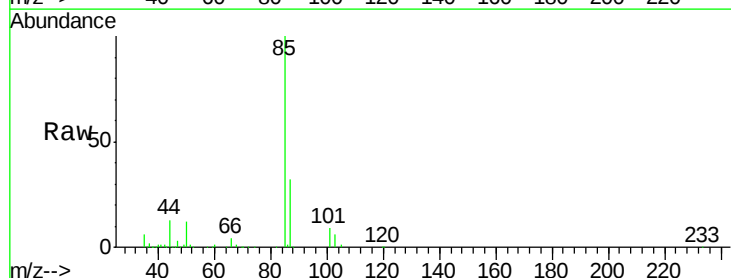
Acq: 17 May 2019 09:45

Tgt Ion: 85 Resp: 30536

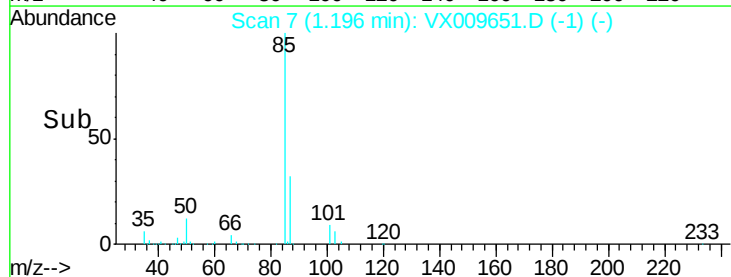
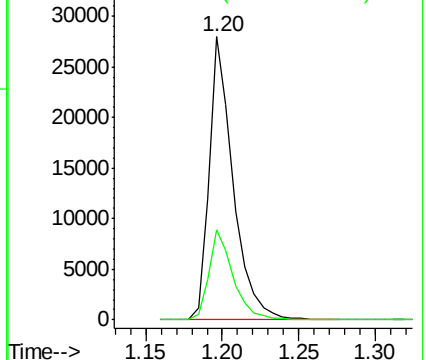
Ion Ratio Lower Upper

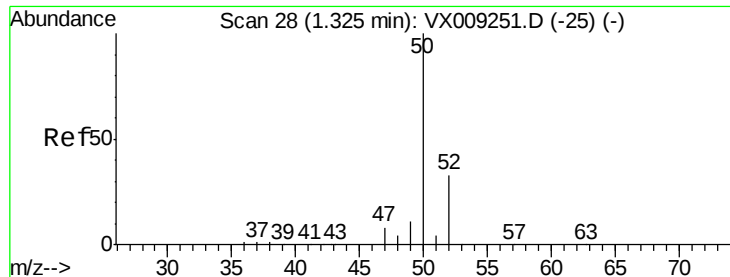
85 100

87 32.0 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: 17.296 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

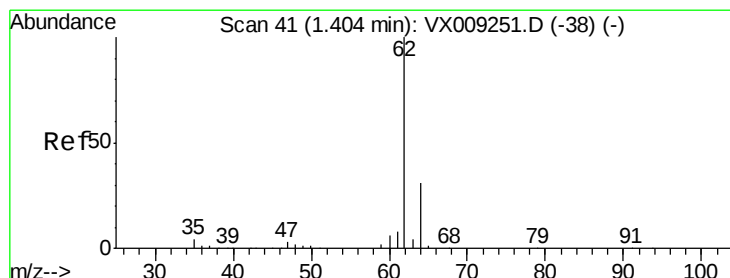
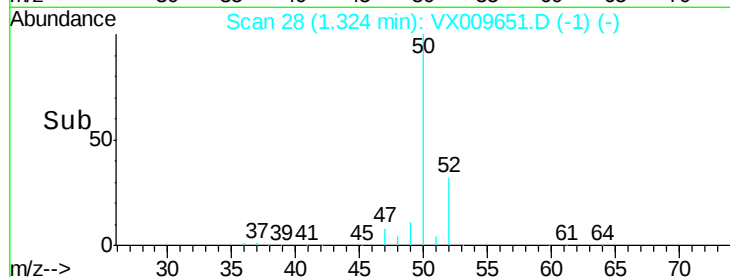
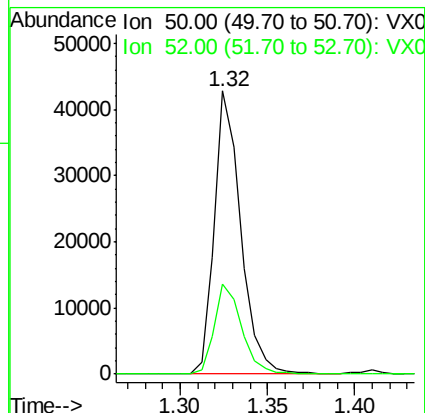
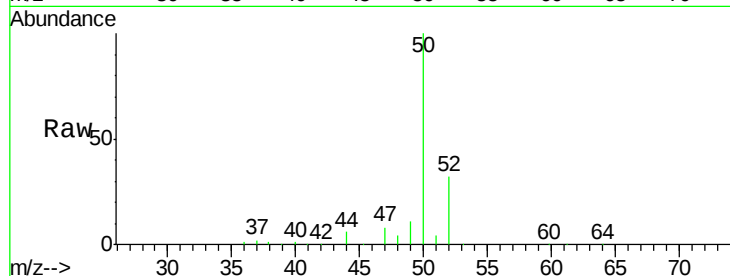
VSTDCCC020

Tot Ion: 50 Resp: 44368

Ion Ratio Lower Upper

50 100

52 31.7 26.3 39.5



#4

Vinyl Chloride

Concen: 17.445 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009651.D

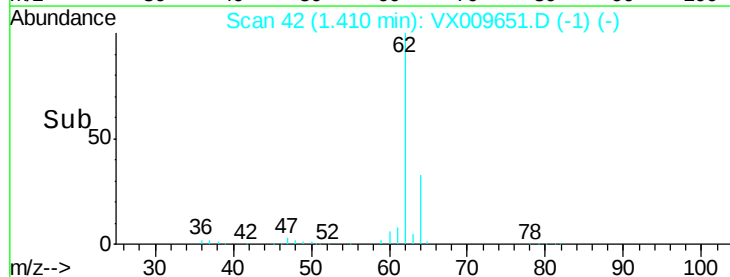
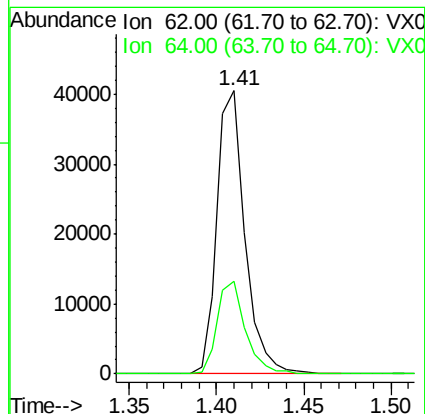
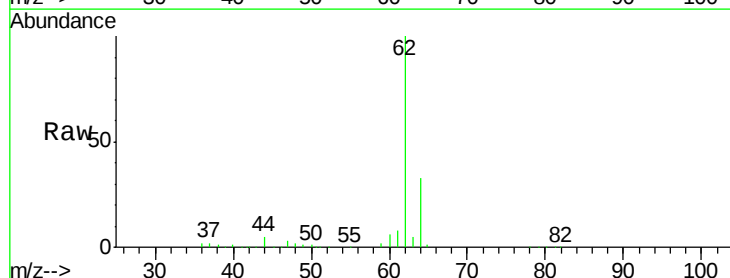
Acq: 17 May 2019 09:45

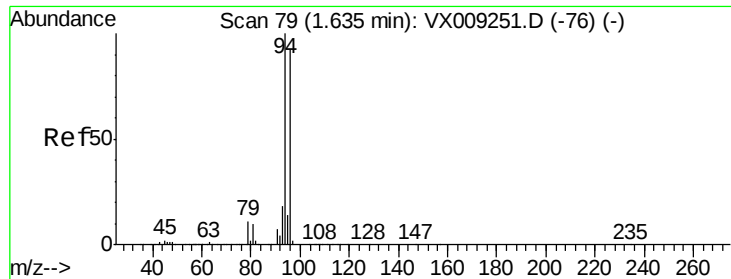
Tgt Ion: 62 Resp: 44643

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8





#5

Bromomethane

Concen: 18.409 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

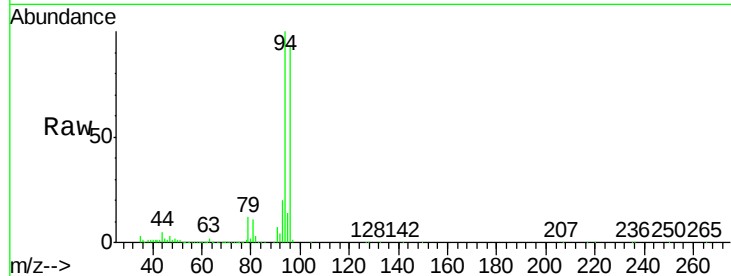
VSTDCCC020

Tot Ion: 94 Resp: 29863

Ion Ratio Lower Upper

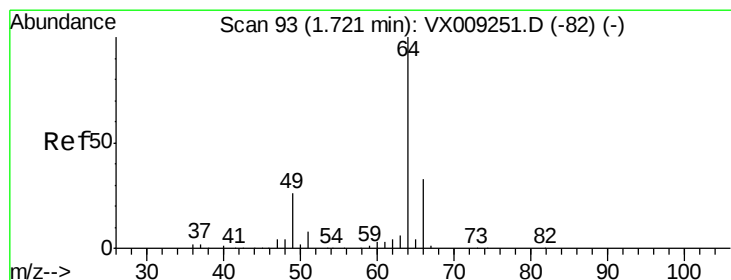
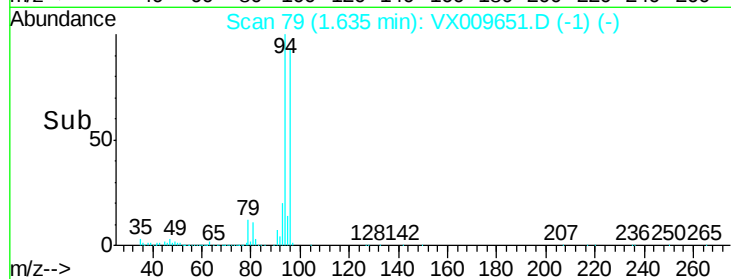
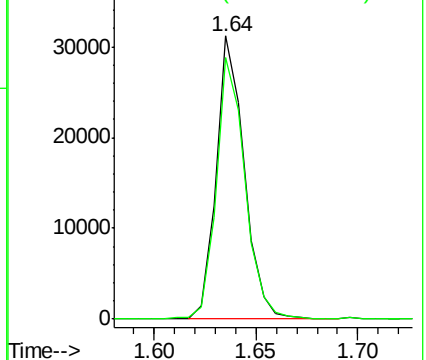
94 100

96 92.5 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: 17.364 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009651.D

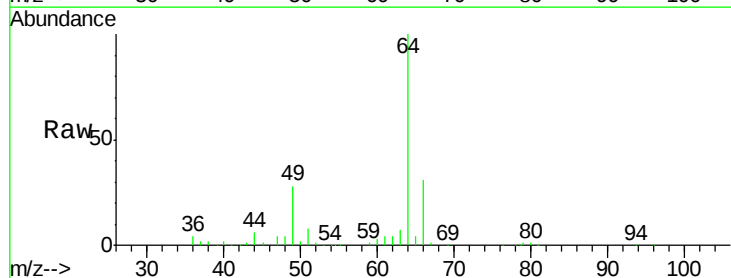
Acq: 17 May 2019 09:45

Tgt Ion: 64 Resp: 29141

Ion Ratio Lower Upper

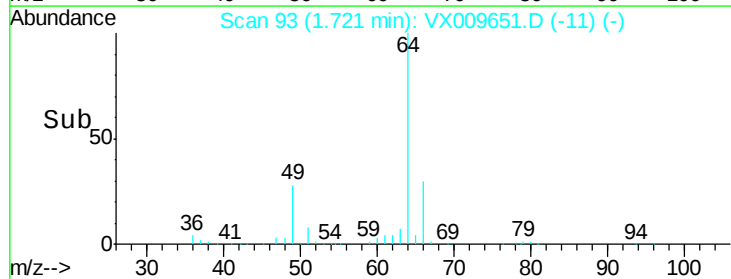
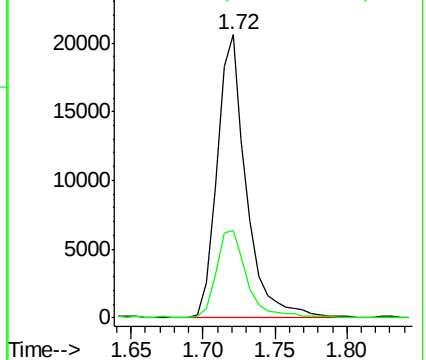
64 100

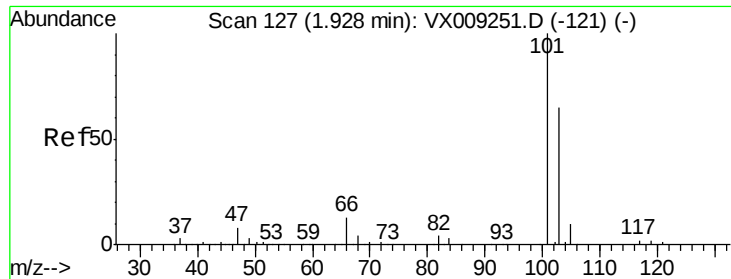
66 31.0 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



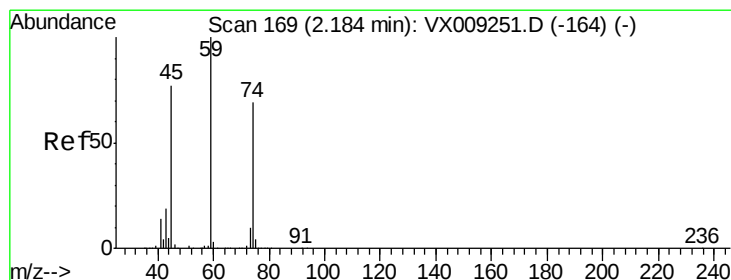
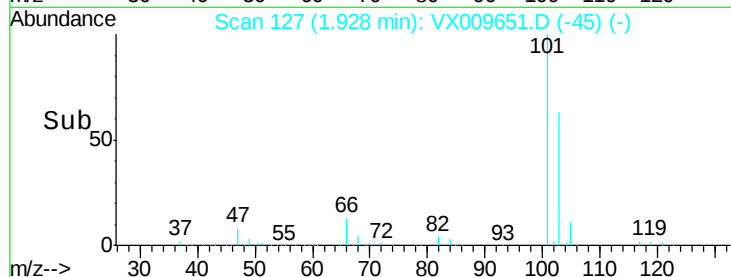
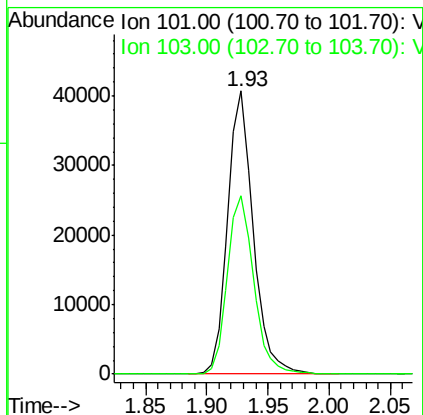
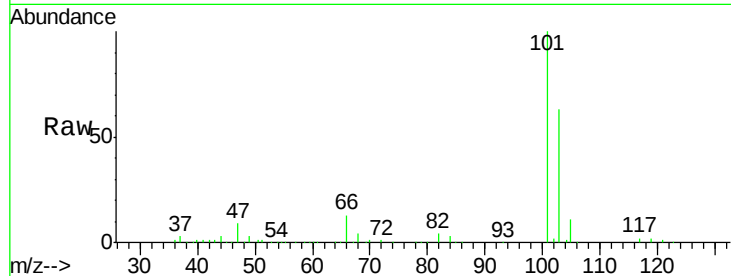


#7

Trichlorofluoromethane
 Concen: 18.631 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

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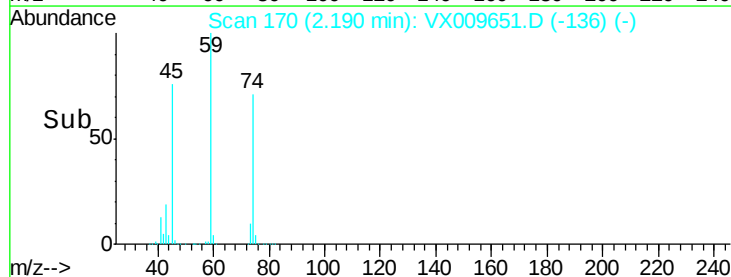
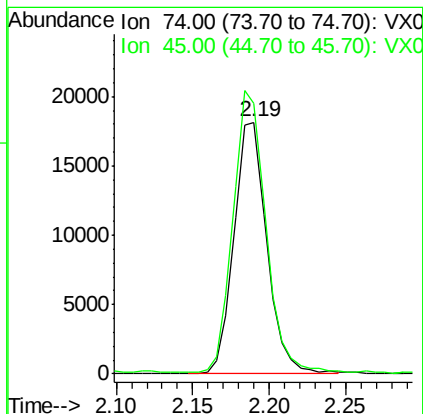
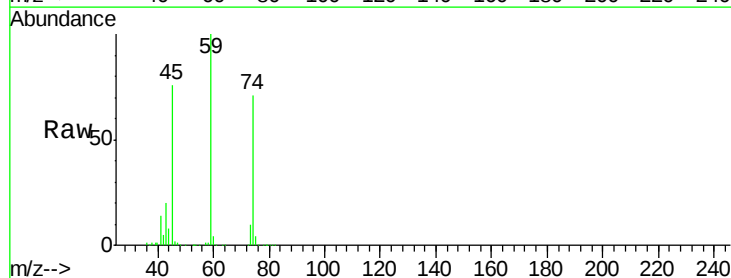
Tot Ion:101 Resp: 58874
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.9 77.9

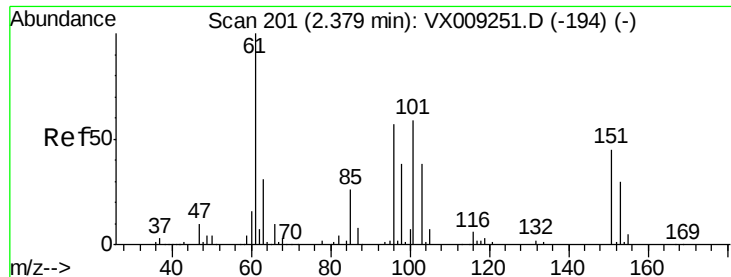


#8

Diethyl Ether
 Concen: 18.451 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion: 74 Resp: 27074
 Ion Ratio Lower Upper
 74 100
 45 112.5 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.835 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

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VSTDCCC020

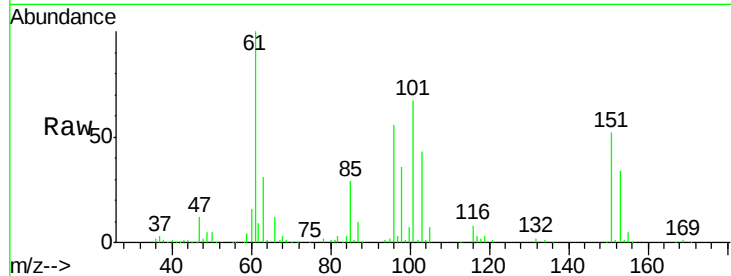
Tot Ion:101 Resp: 36851

Ion Ratio Lower Upper

101 100

85 45.2 0.0 87.4

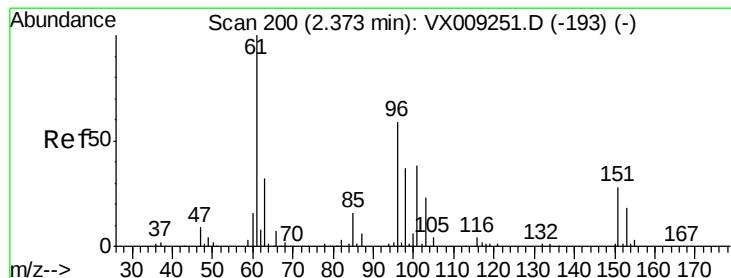
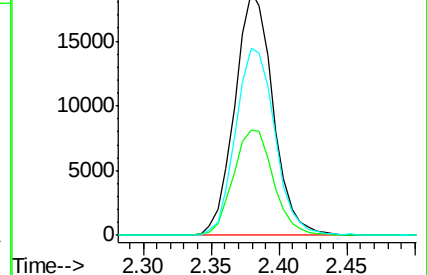
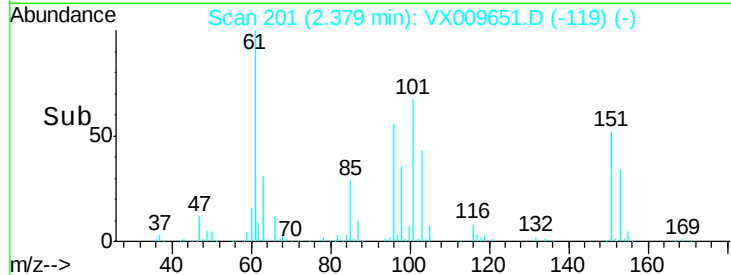
151 79.1 0.0 157.0



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: 18.023 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

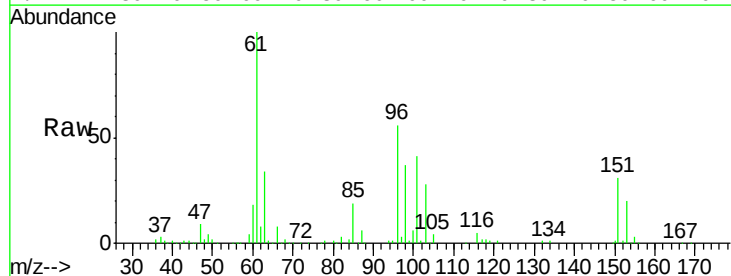
Tgt Ion: 96 Resp: 35405

Ion Ratio Lower Upper

96 100

61 179.0 136.5 204.7

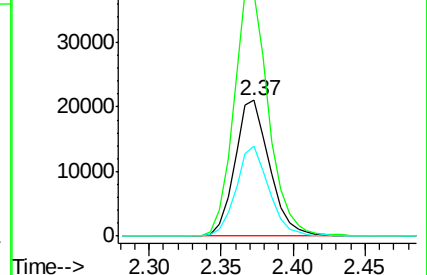
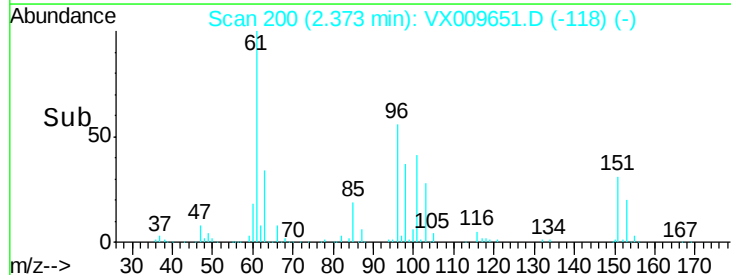
98 66.6 51.0 76.4

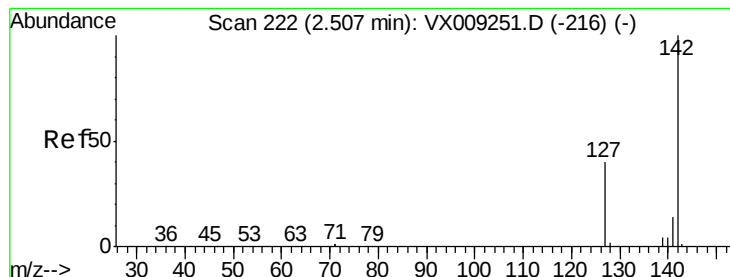


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

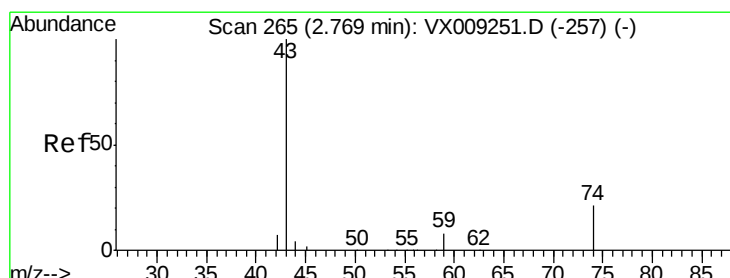
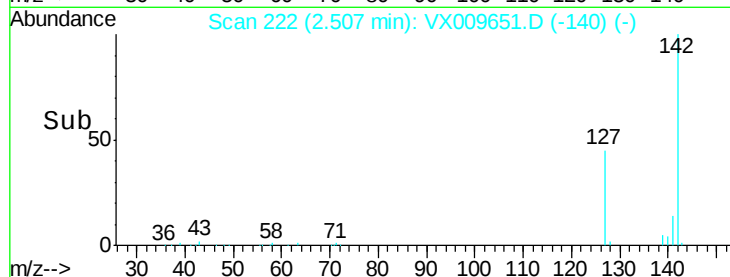
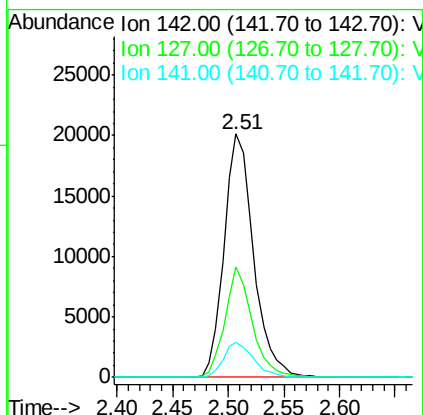
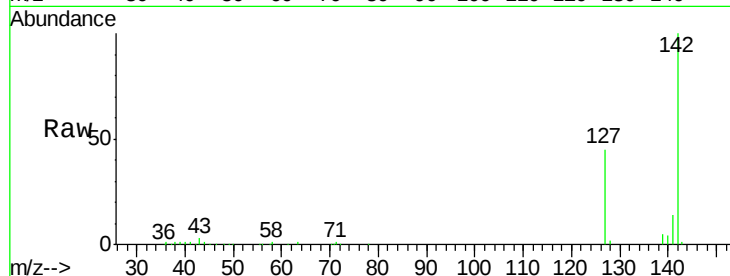




#11
Methvl Iodide
Concen: 17.318 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

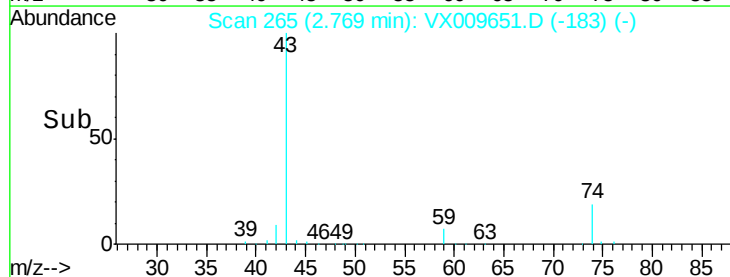
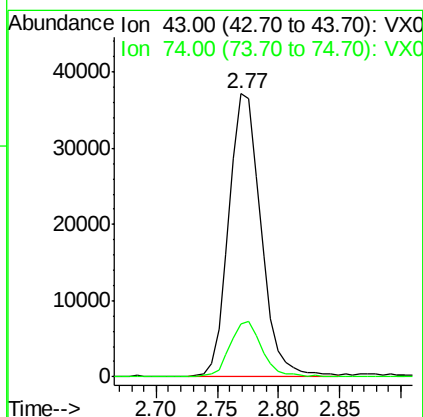
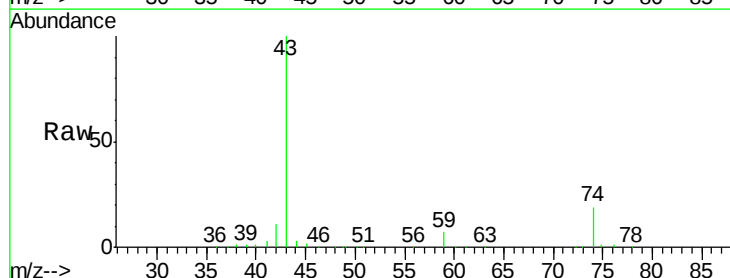
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

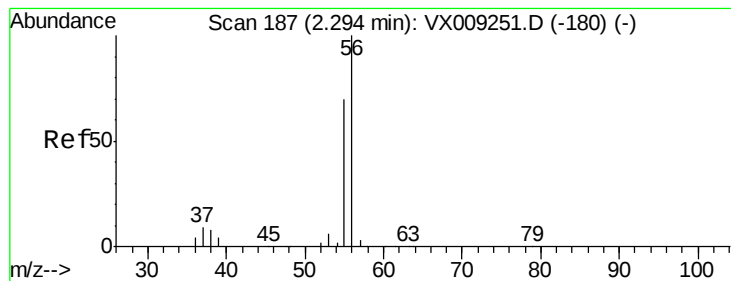
Tot Ion:142 Resp: 36984
Ion Ratio Lower Upper
142 100
127 45.4 20.2 60.5
141 14.4 6.9 20.7



#12
Methyl Acetate
Concen: 18.209 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 43 Resp: 67375
Ion Ratio Lower Upper
43 100
74 18.6 16.5 24.7





#13

Acrolein

Concen: 86.654 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

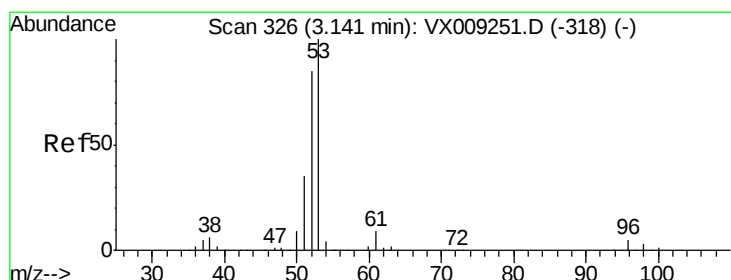
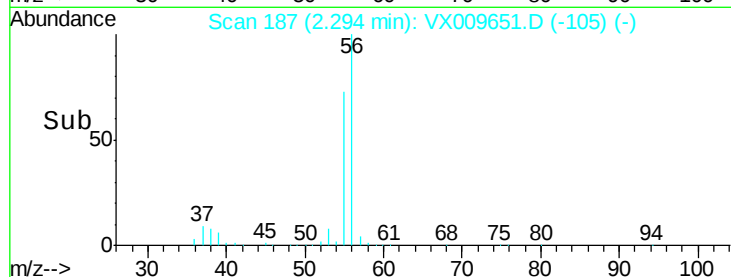
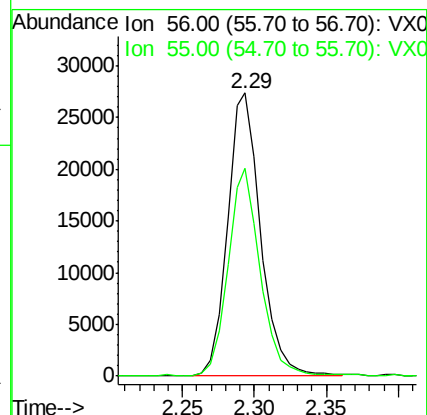
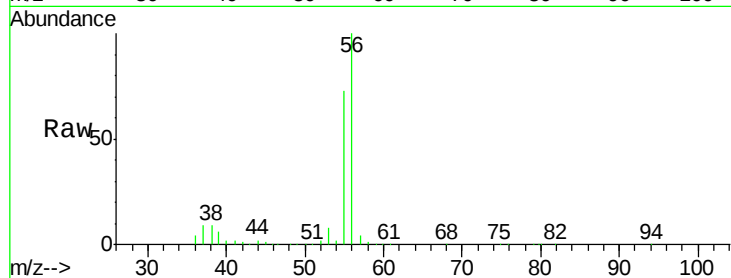
VSTDCCC020

Tot Ion: 56 Resp: 43977

Ion Ratio Lower Upper

56 100

55 71.6 56.9 85.3



#14

Acrylonitrile

Concen: 92.686 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

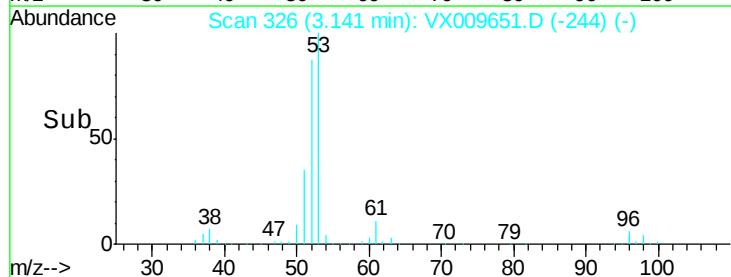
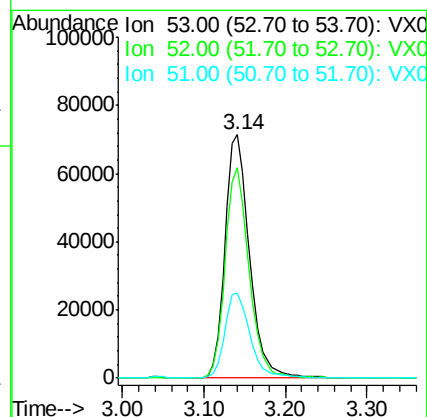
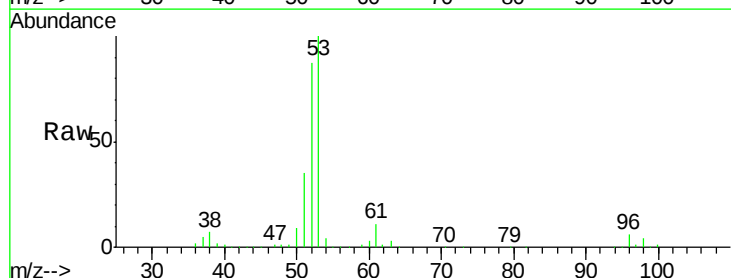
Tgt Ion: 53 Resp: 148837

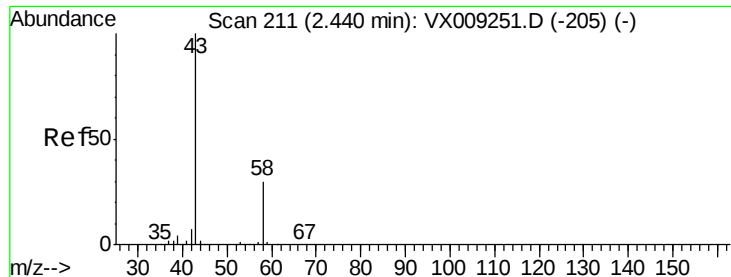
Ion Ratio Lower Upper

53 100

52 83.9 41.5 124.5

51 36.1 17.8 53.3





#15

Acetone

Concen: 106.780 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

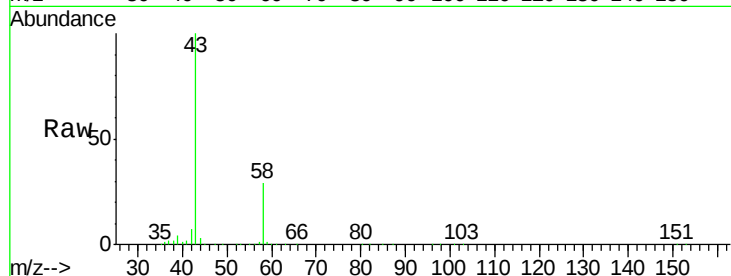
VSTDCCC020

Tot Ion: 58 Resp: 49231

Ion Ratio Lower Upper

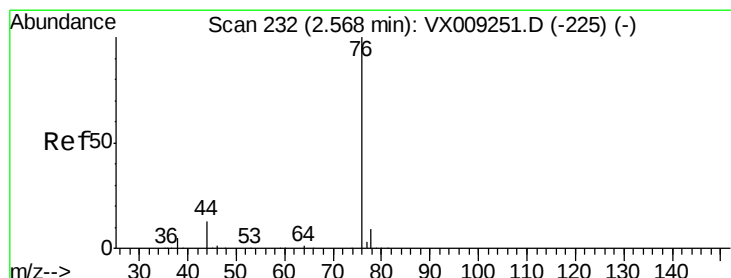
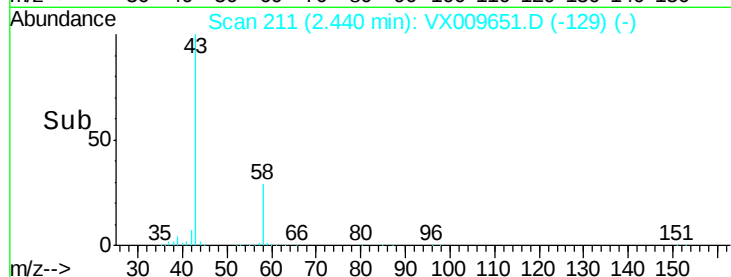
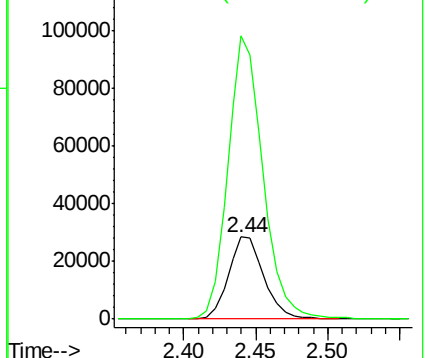
58 100

43 345.9 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.479 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009651.D

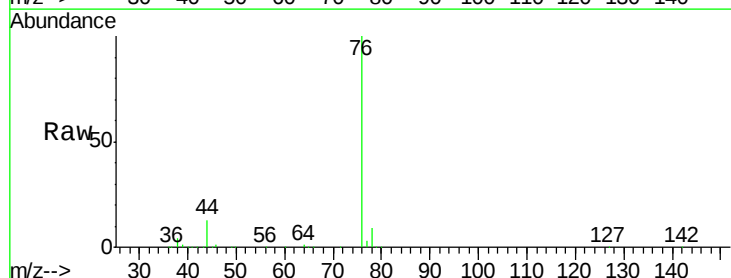
Acq: 17 May 2019 09:45

Tgt Ion: 76 Resp: 92907

Ion Ratio Lower Upper

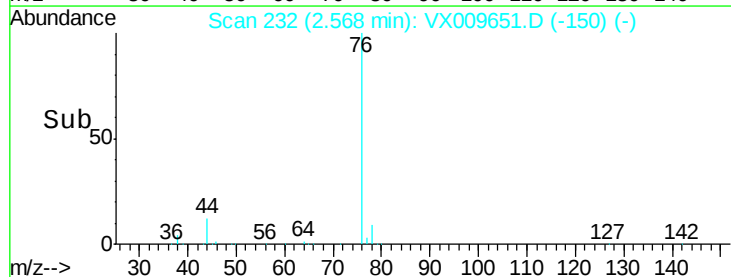
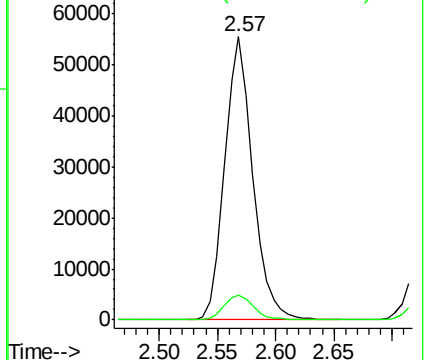
76 100

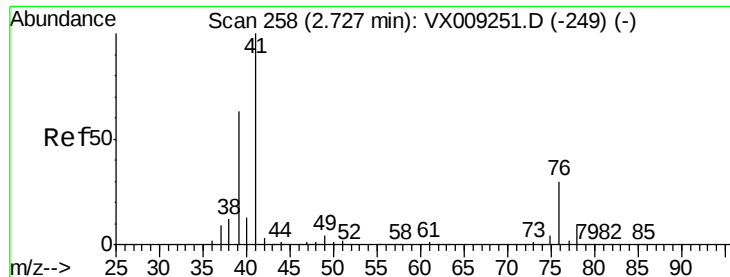
78 8.9 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

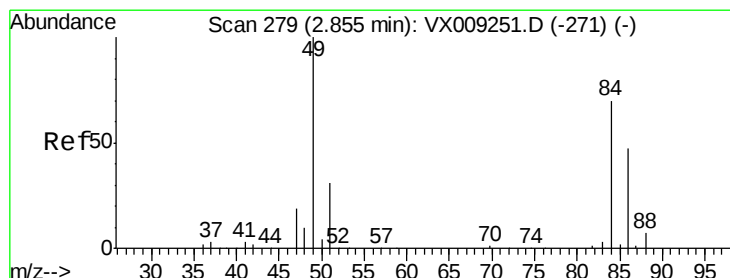
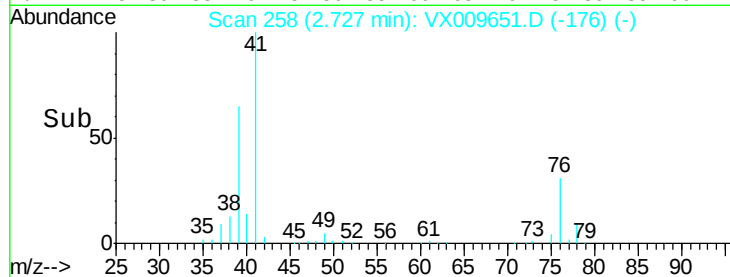
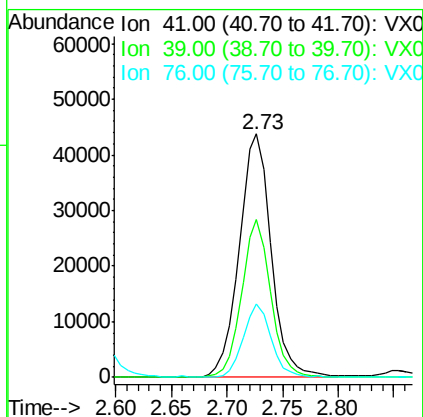
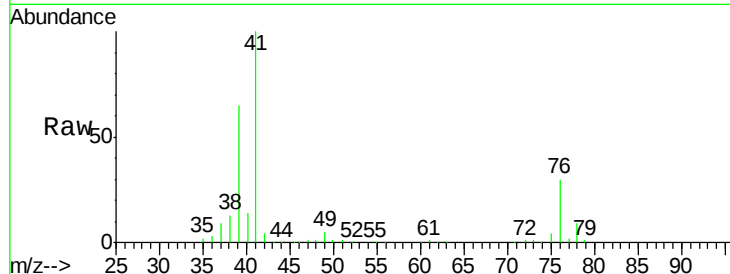




#17
Allvl chloride
Concen: 18.393 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

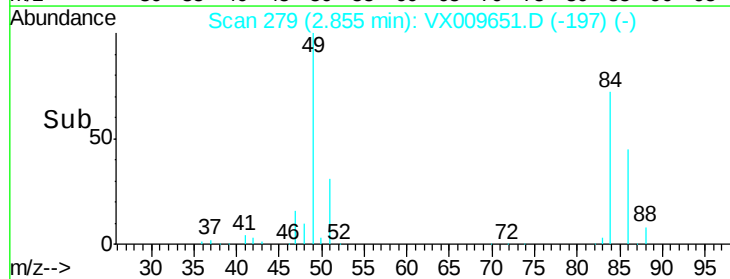
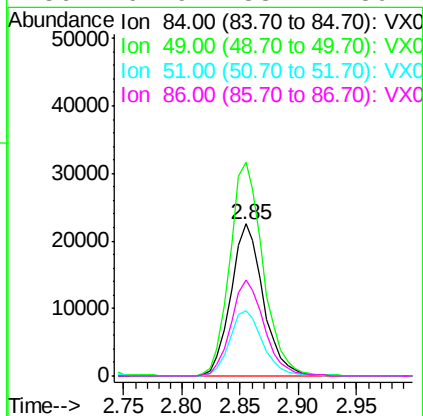
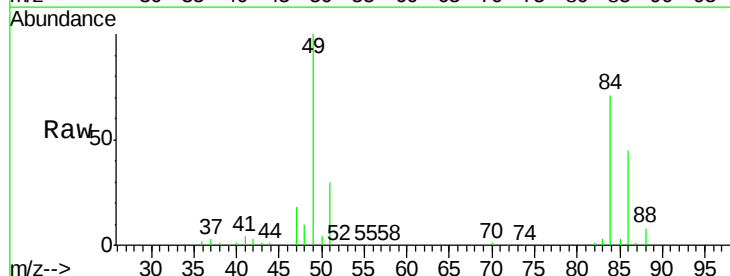
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

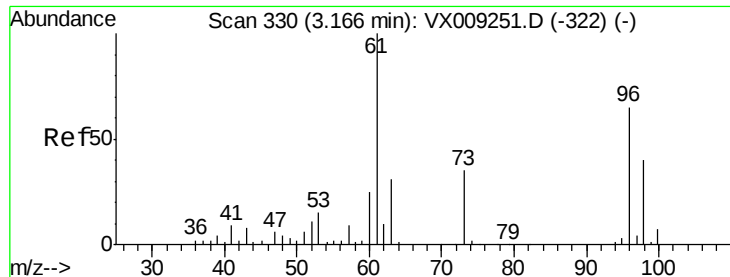
Tot Ion: 41 Resp: 86748
Ion Ratio Lower Upper
41 100
39 64.8 31.6 94.7
76 30.3 15.1 45.3



#18
Methylene Chloride
Concen: 18.472 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 84 Resp: 43855
Ion Ratio Lower Upper
84 100
49 140.5 114.6 171.8
51 42.6 35.5 53.3
86 62.9 53.4 80.2

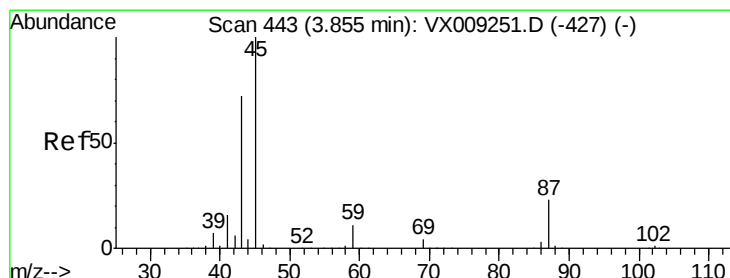
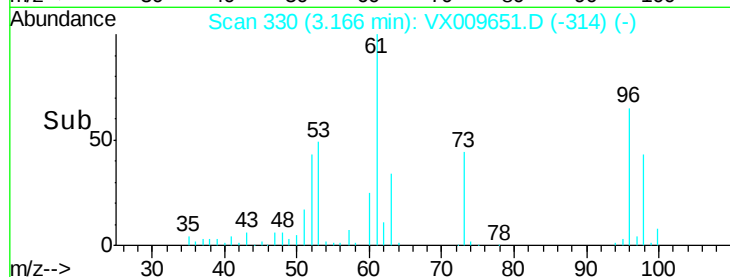
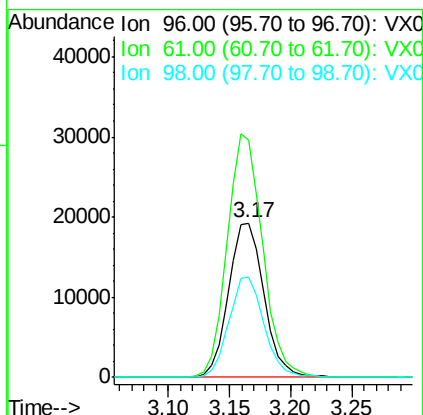
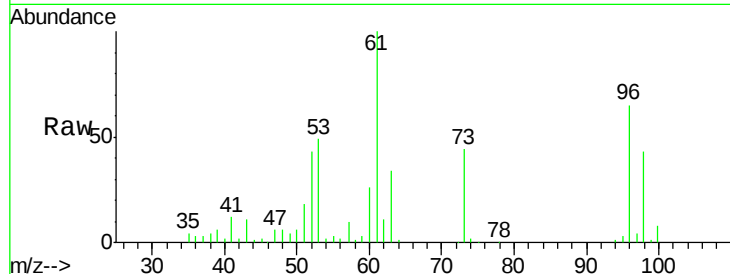




#19
trans-1,2-Dichloroethene
Concen: 18.419 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

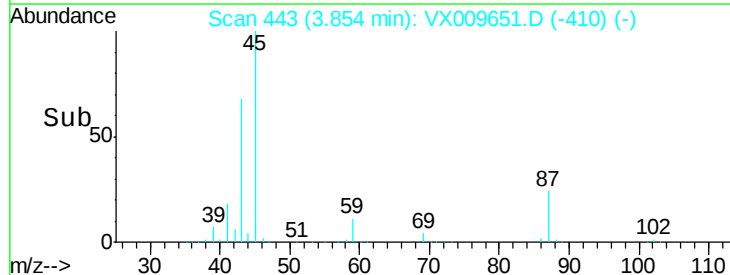
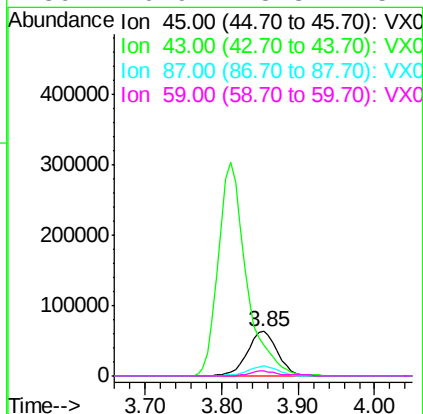
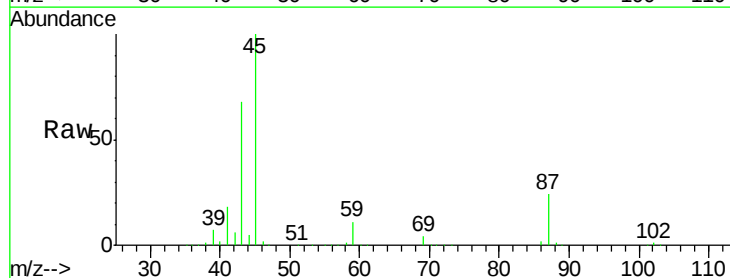
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

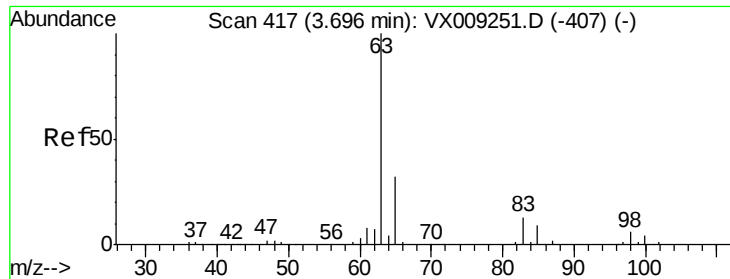
Tot Ion: 96 Resp: 38580
Ion Ratio Lower Upper
96 100
61 153.2 122.7 184.1
98 65.3 49.5 74.3



#20
Diisopropyl ether
Concen: 18.989 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 45 Resp: 176358
Ion Ratio Lower Upper
45 100
43 67.8 57.7 86.5
87 23.5 18.5 27.7
59 10.9 8.8 13.2





#21

1,1-Dichloroethane

Concen: 18.767 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

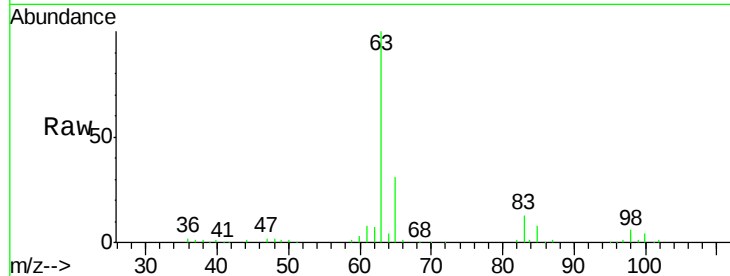
Tot Ion: 63 Resp: 84353

Ion Ratio Lower Upper

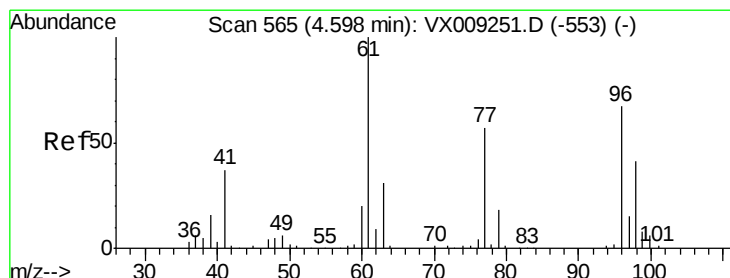
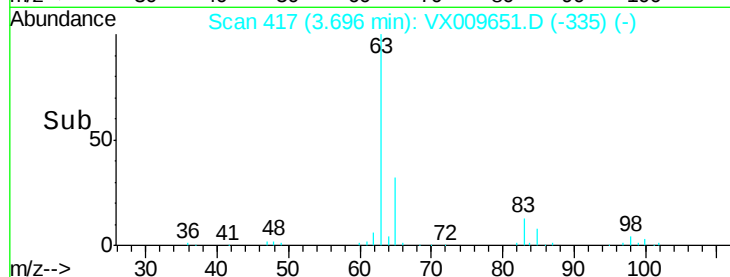
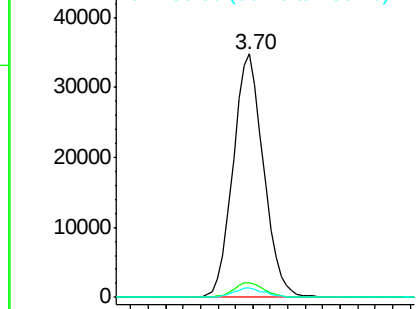
63 100

98 6.0 3.1 9.3

100 3.7 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.518 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

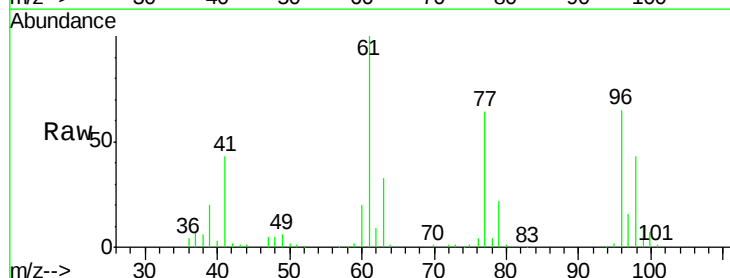
Tgt Ion: 96 Resp: 46720

Ion Ratio Lower Upper

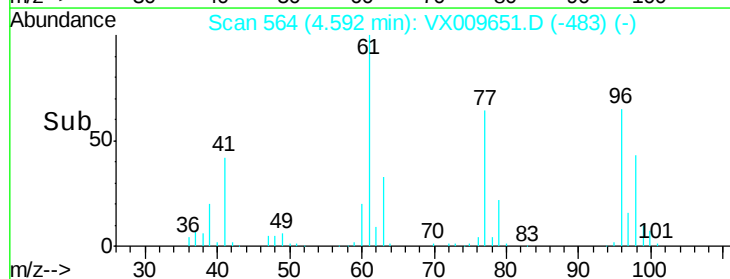
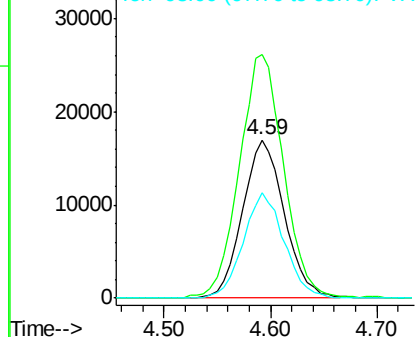
96 100

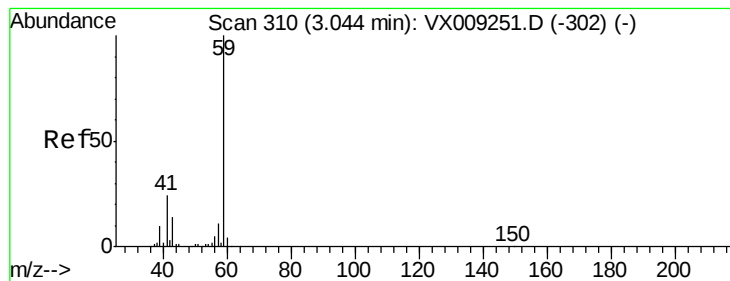
61 162.9 127.7 191.5

98 65.1 50.5 75.7



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





#23

tert-Butyl Alcohol

Concen: 91.189 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

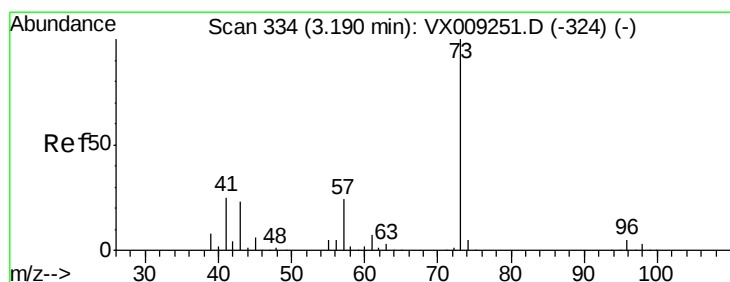
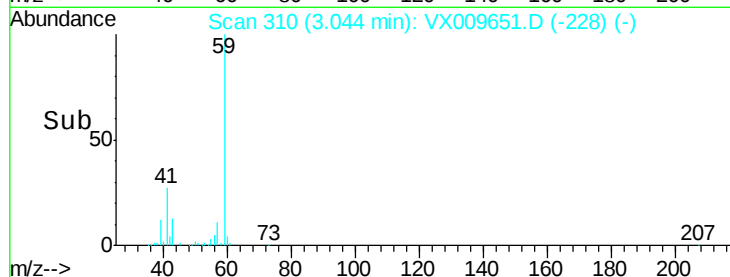
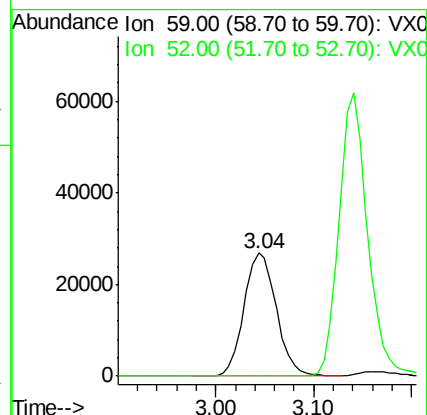
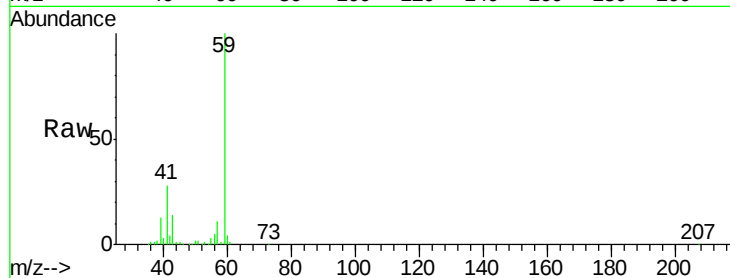
VSTDCCC020

Tot Ion: 59 Resp: 61918

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 18.806 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.00 min

Lab File: VX009651.D

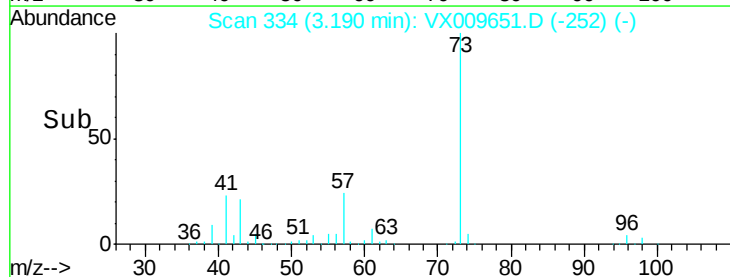
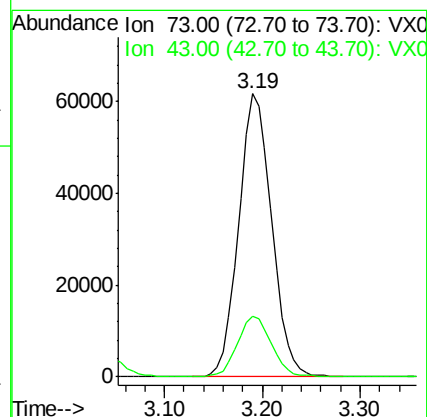
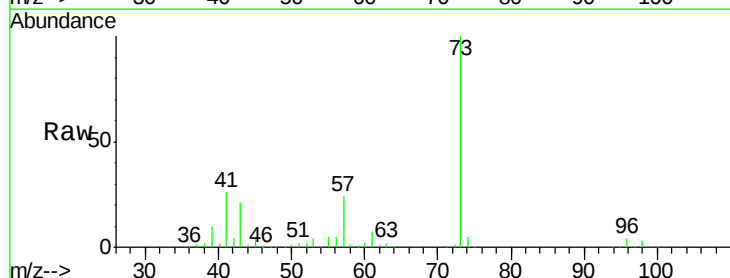
Acq: 17 May 2019 09:45

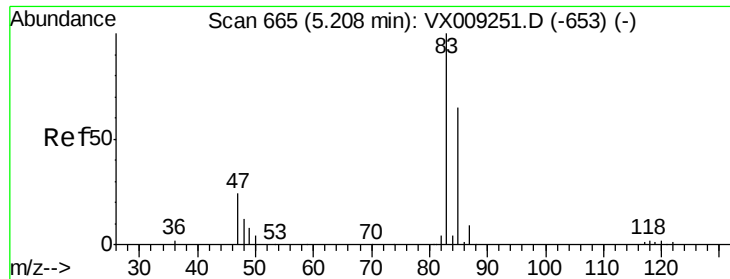
Tgt Ion: 73 Resp: 144582

Ion Ratio Lower Upper

73 100

43 21.6 17.6 26.4

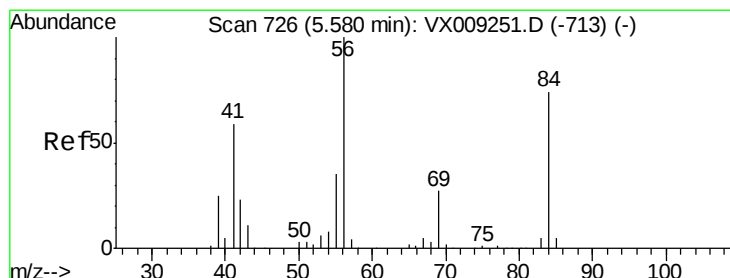
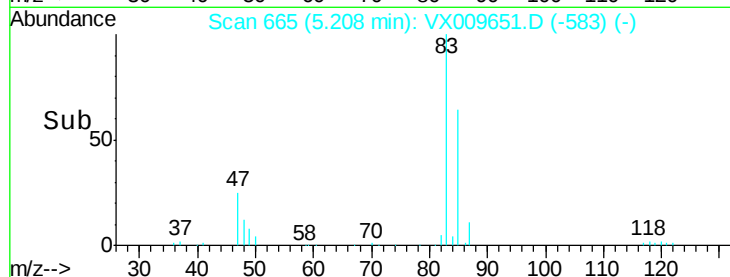
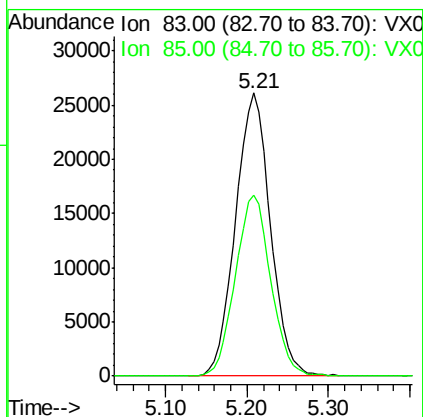
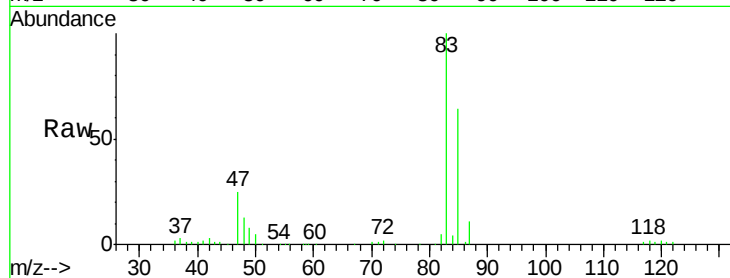




#25
Chloroform
Concen: 18.917 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

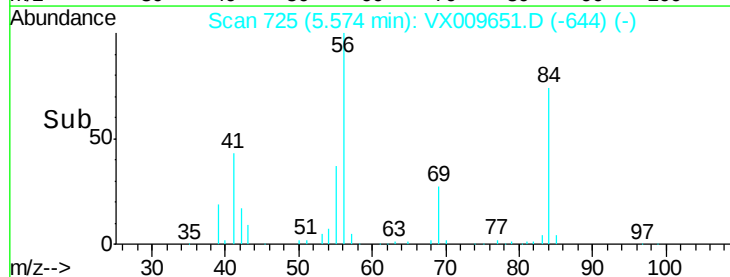
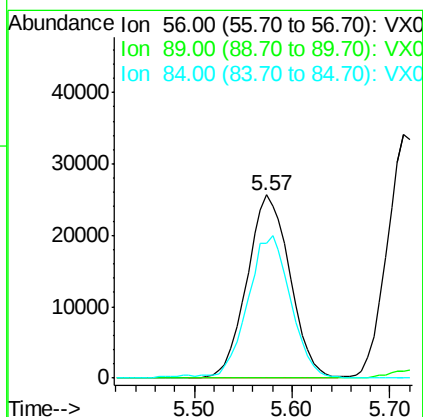
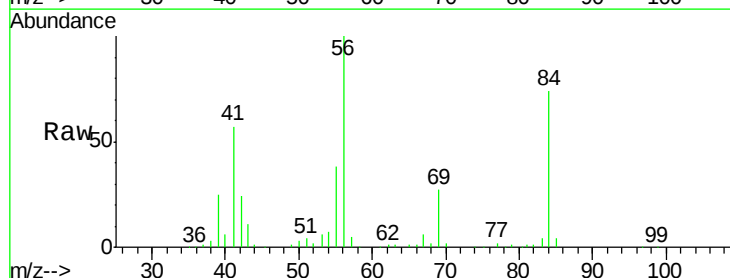
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

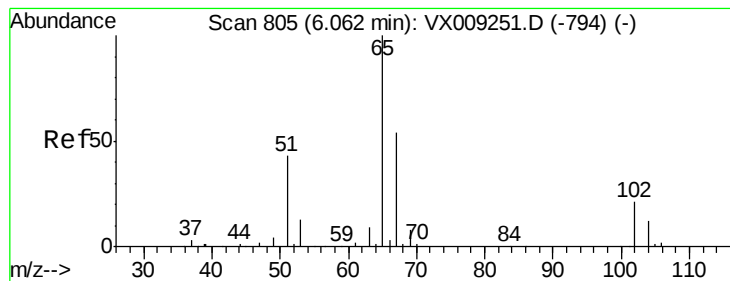
Tot Ion: 83 Resp: 77591
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9



#26
Cyclohexane
Concen: 18.675 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 56 Resp: 78229
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 77.6 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 30.001 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

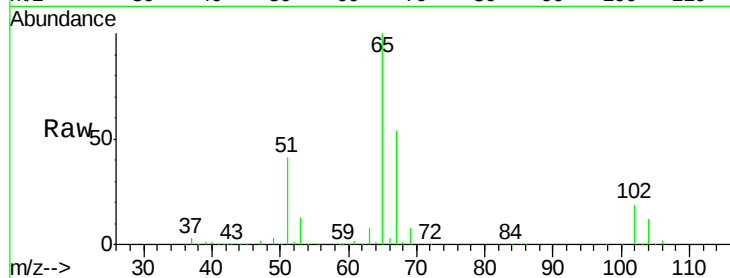
VSTDCCC020

Tot Ion: 65 Resp: 89386

Ion Ratio Lower Upper

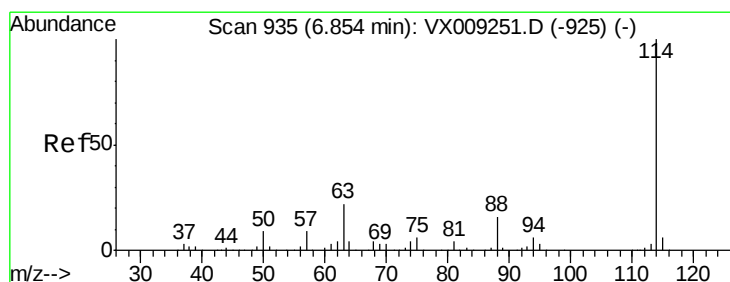
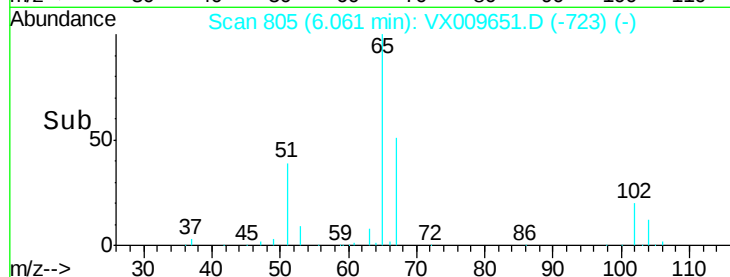
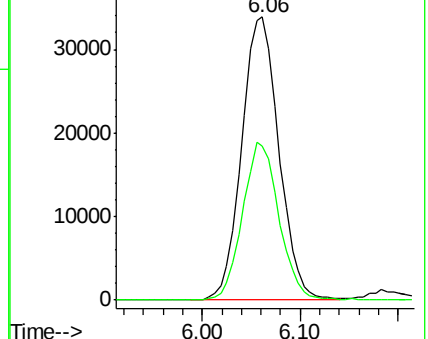
65 100

67 54.5 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: VX009651.D

Acq: 17 May 2019 09:45

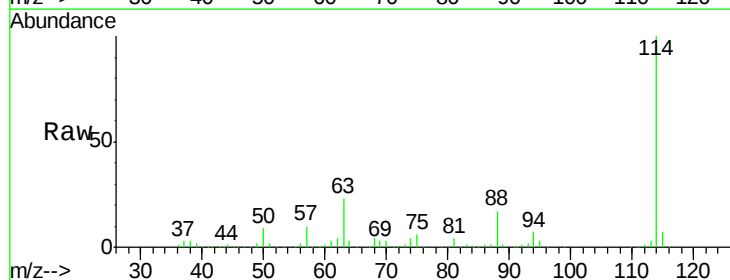
Tgt Ion: 114 Resp: 210291

Ion Ratio Lower Upper

114 100

63 22.9 18.0 27.0

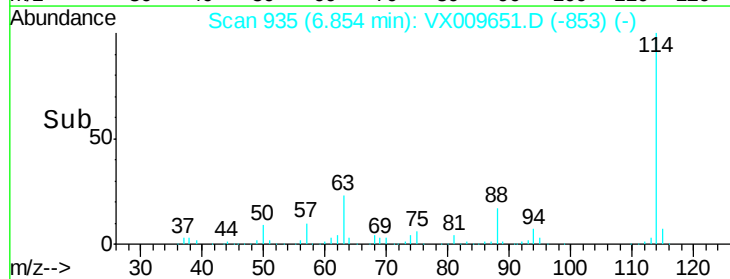
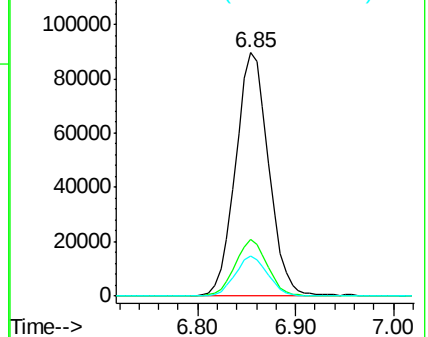
88 16.5 13.4 20.0

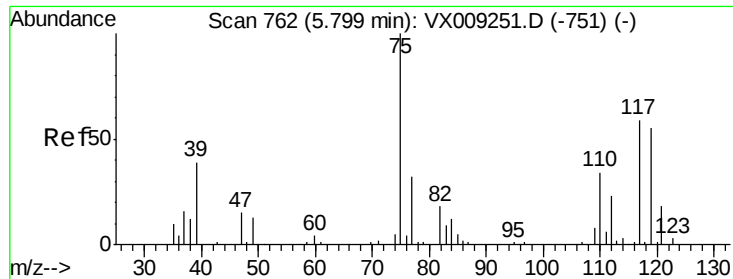


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

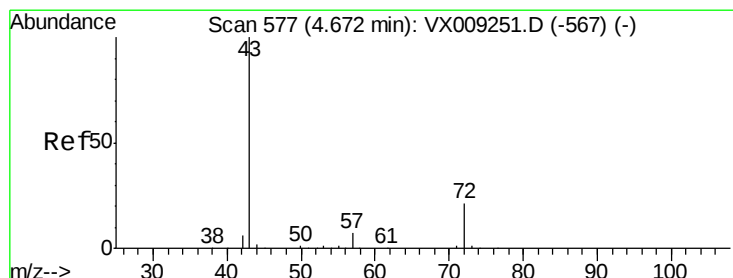
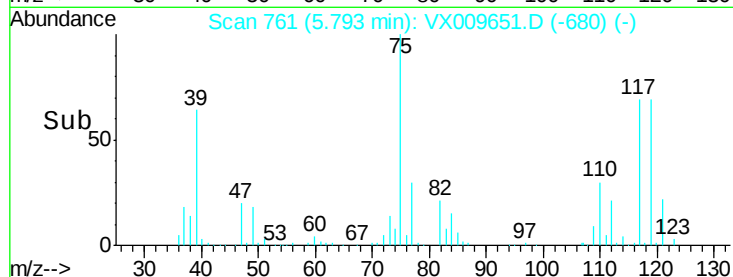
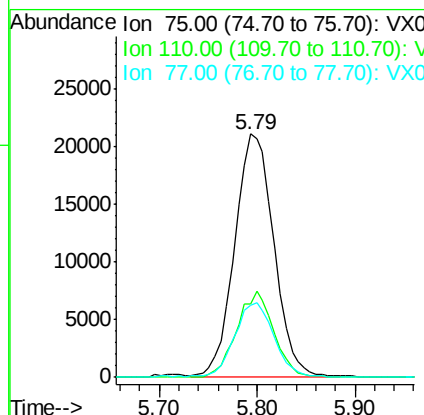
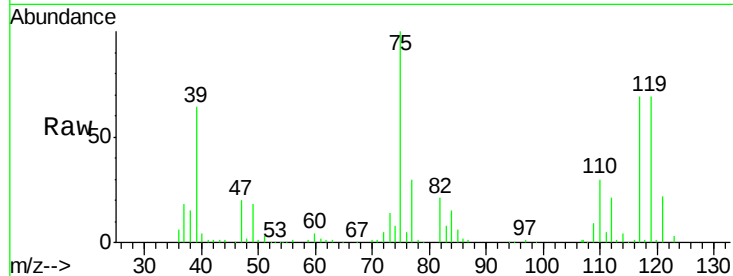




#29
 1,1-Dichloropropene
 Concen: 18.978 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

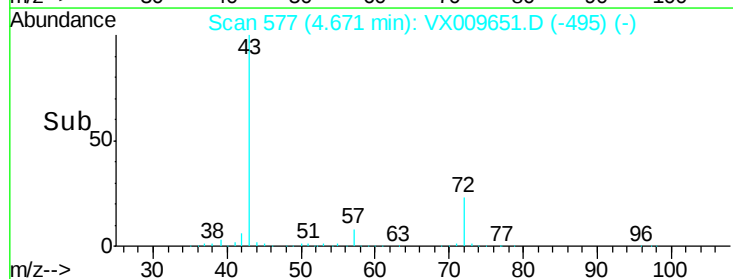
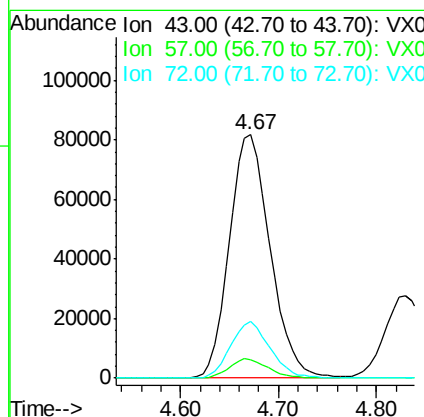
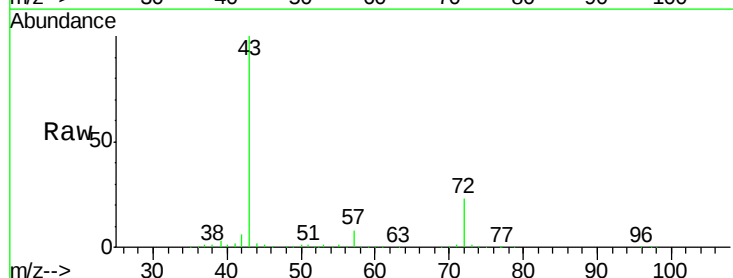
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

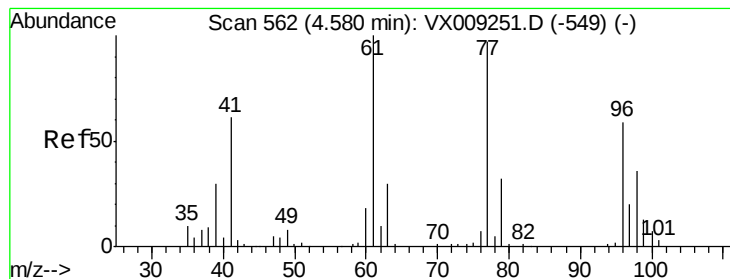
Tot Ion: 75 Resp: 58559
 Ion Ratio Lower Upper
 75 100
 110 33.6 0.0 66.4
 77 30.9 0.0 62.2



#30
 2-Butanone
 Concen: 97.254 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion: 43 Resp: 235016
 Ion Ratio Lower Upper
 43 100
 57 7.7 6.0 9.0
 72 22.7 18.2 27.4





#31

2,2-Dichloropropane

Concen: 18.719 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

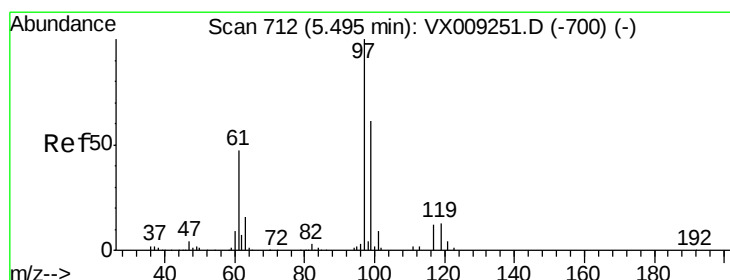
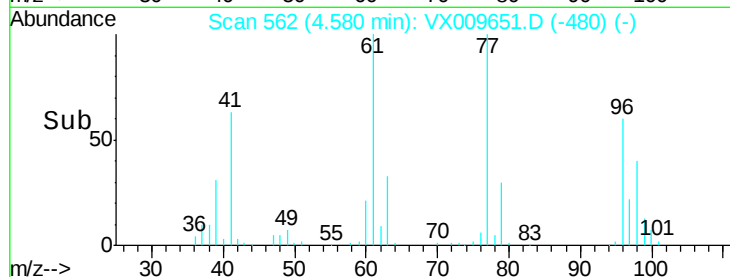
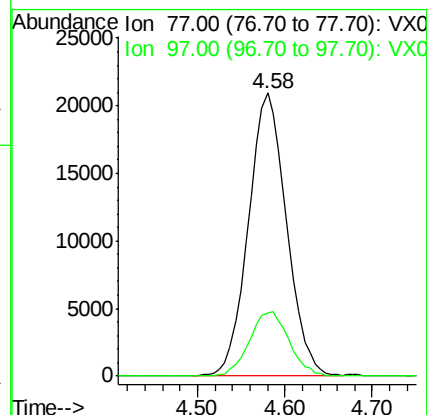
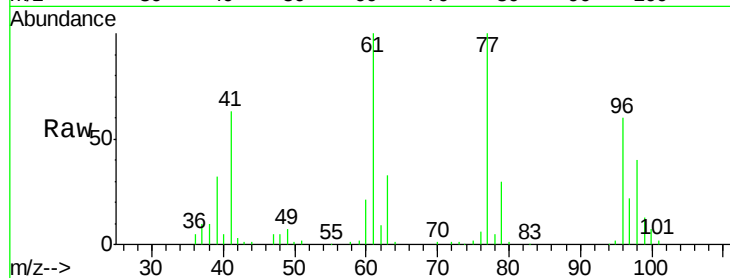
VSTDCCC020

Tot Ion: 77 Resp: 63676

Ion Ratio Lower Upper

77 100

97 23.8 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 18.917 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

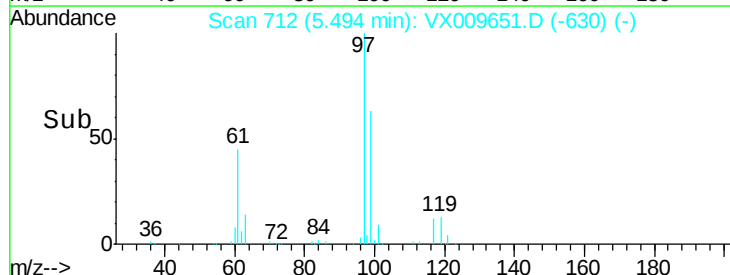
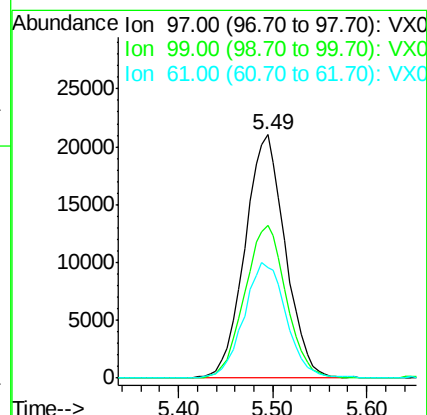
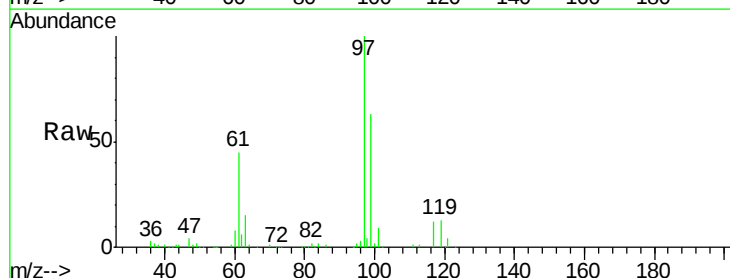
Tgt Ion: 97 Resp: 63279

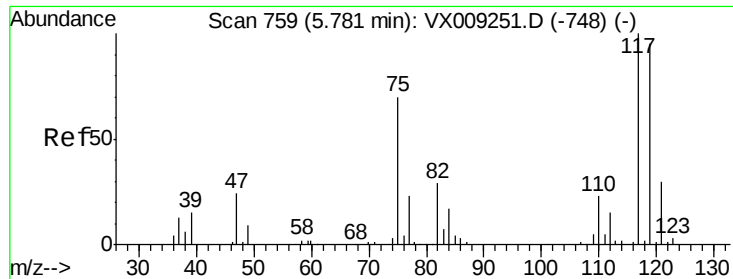
Ion Ratio Lower Upper

97 100

99 64.3 53.9 80.9

61 49.5 38.6 58.0

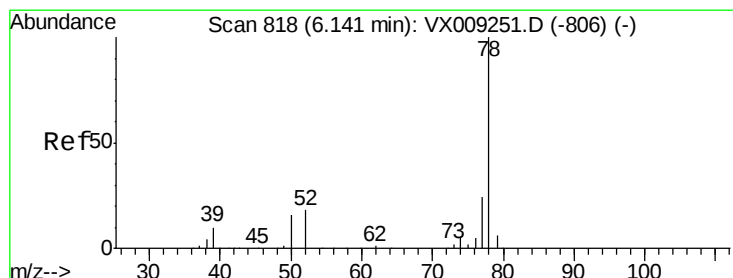
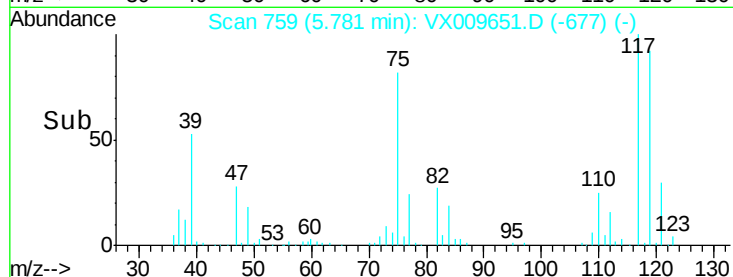
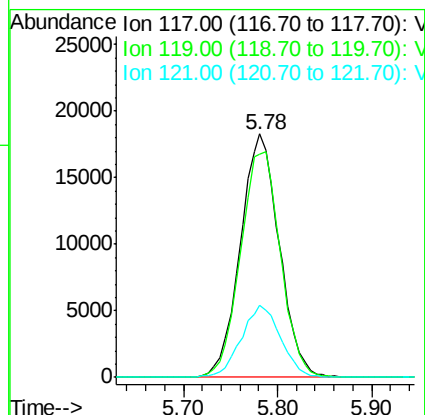
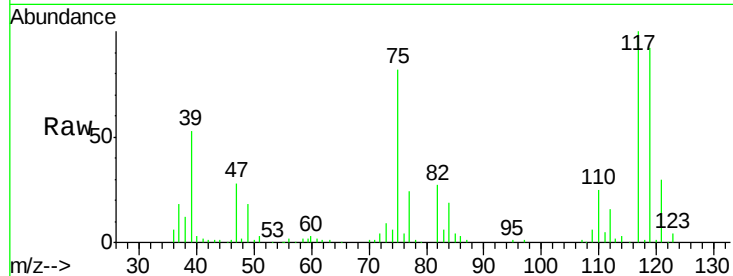




#33
Carbon Tetrachloride
Concen: 18.820 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

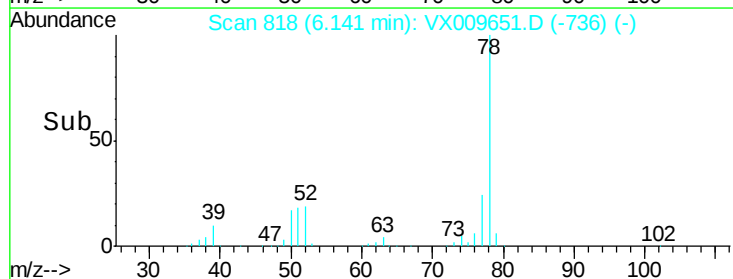
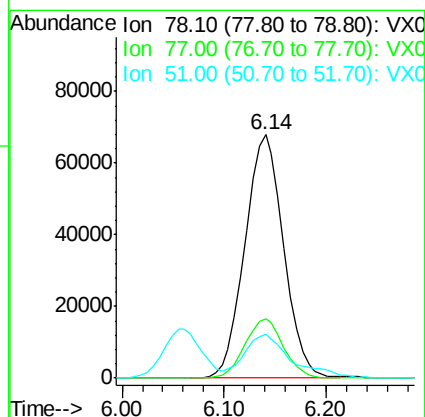
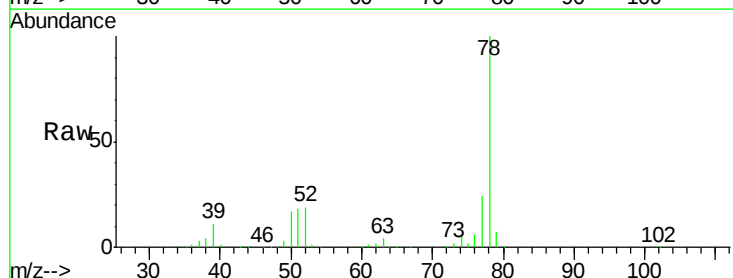
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

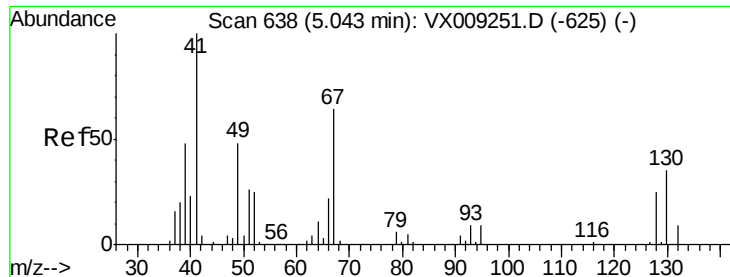
Tot Ion:117 Resp: 52672
Ion Ratio Lower Upper
117 100
119 91.8 76.1 114.1
121 29.6 24.4 36.6



#34
Benzene
Concen: 18.833 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 78 Resp: 179163
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2
51 16.9 13.5 20.3

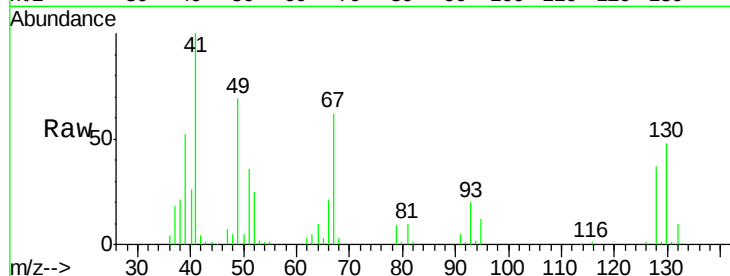




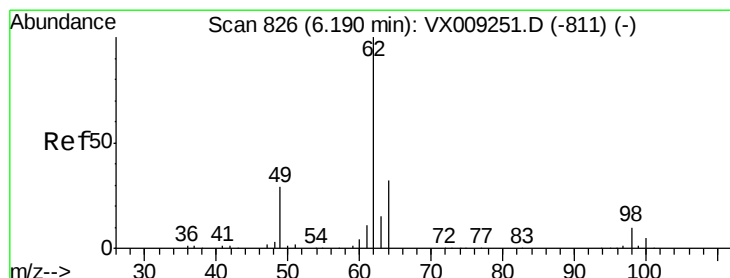
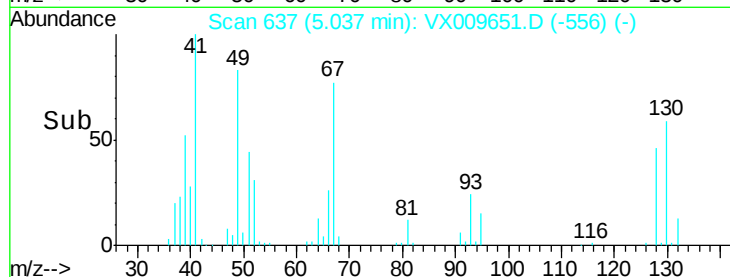
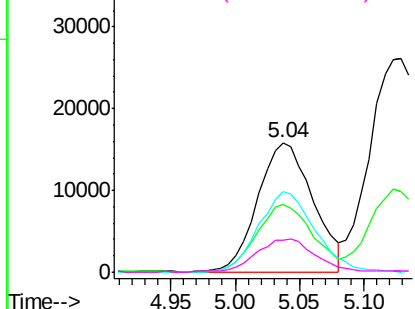
#35
Methacrylonitrile
Concen: 18.500 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	46772
Ion	Ratio	Lower	Upper
41	100		
39	52.6	24.1	72.3
67	62.2	32.2	96.6
52	24.7	12.4	37.4

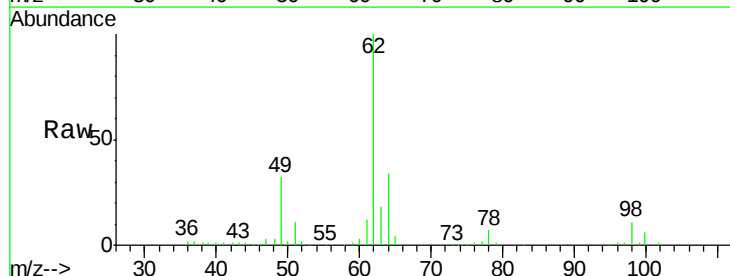


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

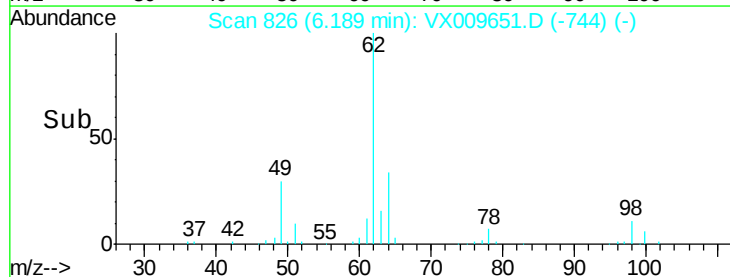
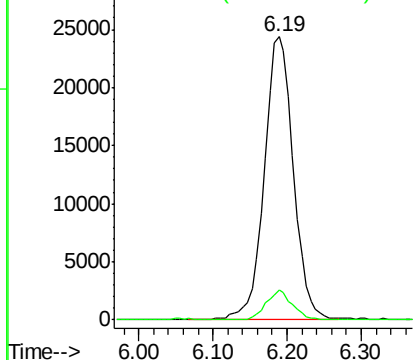


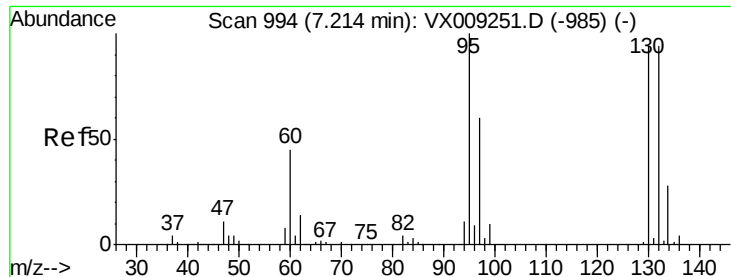
#36
1,2-Dichloroethane
Concen: 19.255 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion:	62	Resp:	66464
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

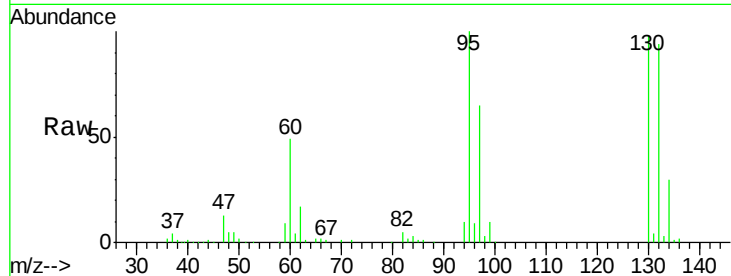




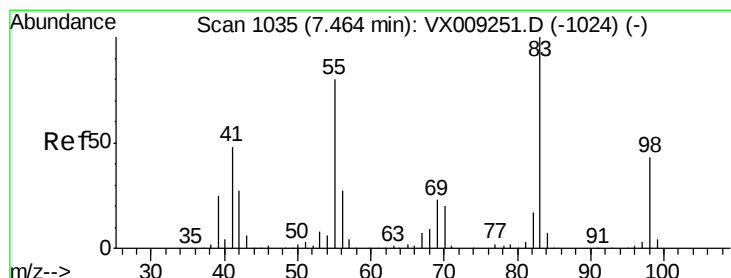
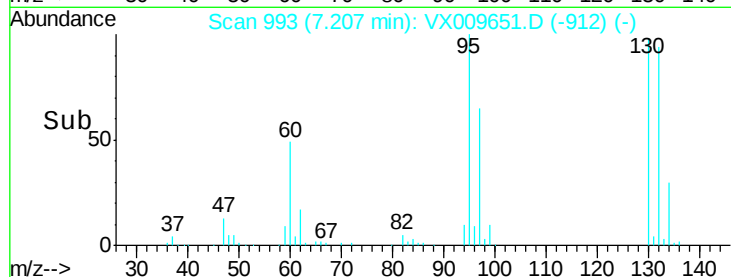
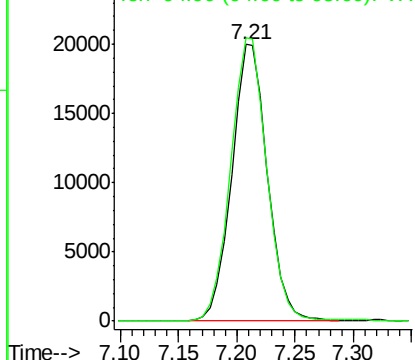
#37
 Trichloroethene
 Concen: 18.584 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 42558
 Ion Ratio Lower Upper
 130 100
 95 102.4 85.0 127.4

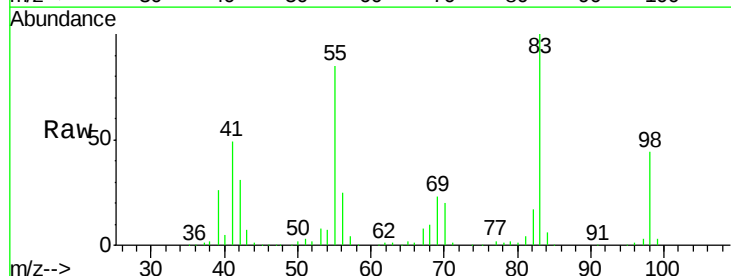


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

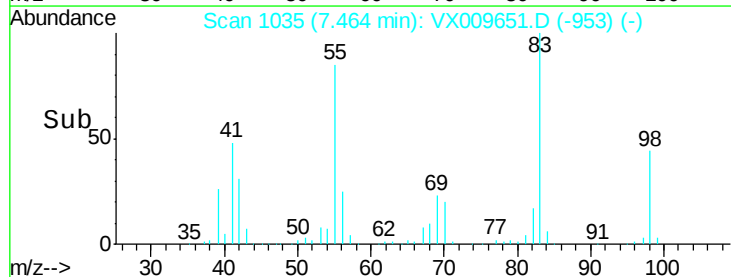
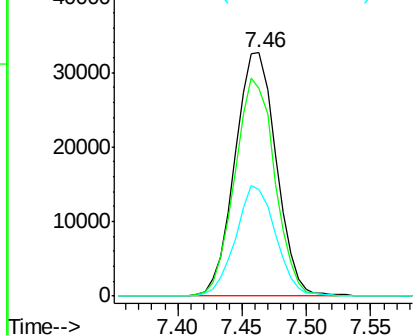


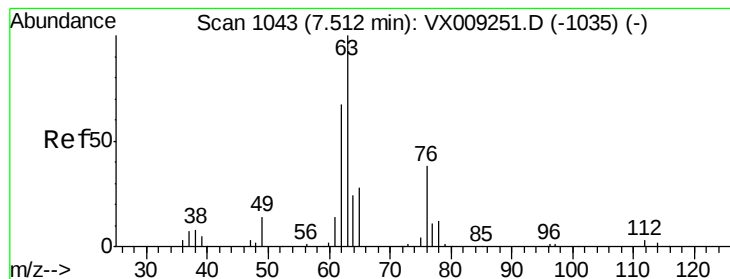
#38
 Methylcyclohexane
 Concen: 19.124 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion: 83 Resp: 72907
 Ion Ratio Lower Upper
 83 100
 55 86.7 43.0 129.2
 98 44.3 22.1 66.1



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





#39

1,2-Dichloropropane

Concen: 19.246 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampled :

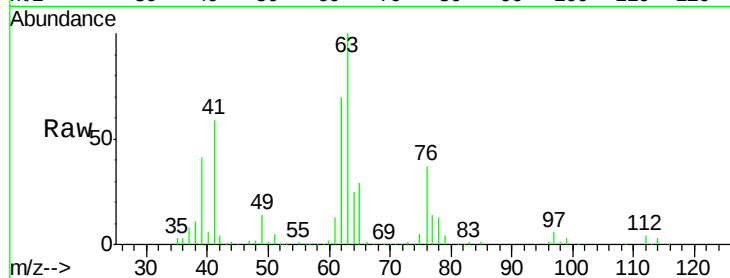
VSTDCCC020

Tot Ion: 63 Resp: 52139

Ion Ratio Lower Upper

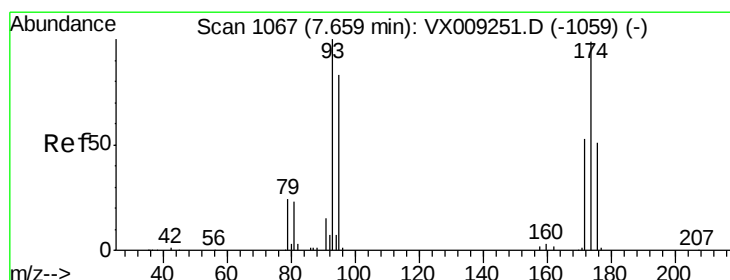
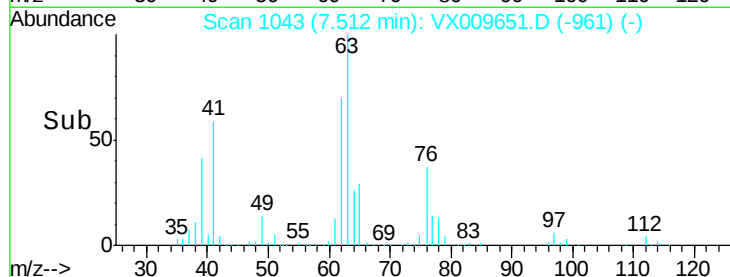
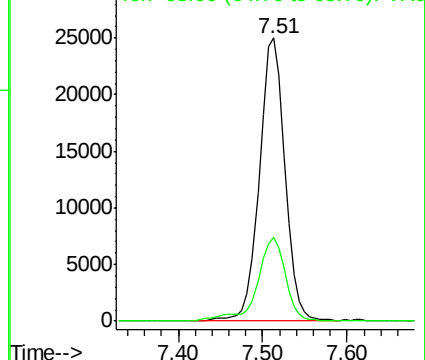
63 100

65 29.4 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: 18.764 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

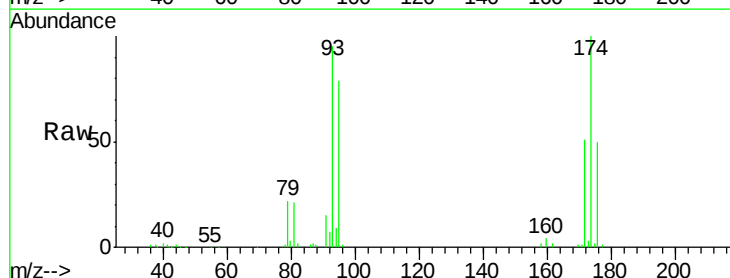
Tgt Ion: 93 Resp: 28851

Ion Ratio Lower Upper

93 100

95 86.0 0.0 167.2

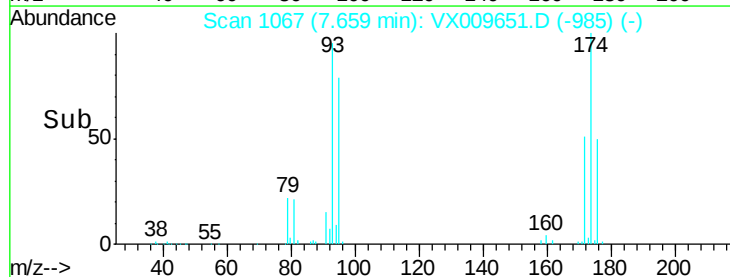
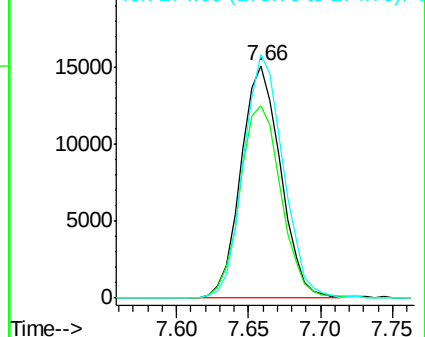
174 104.6 0.0 203.4

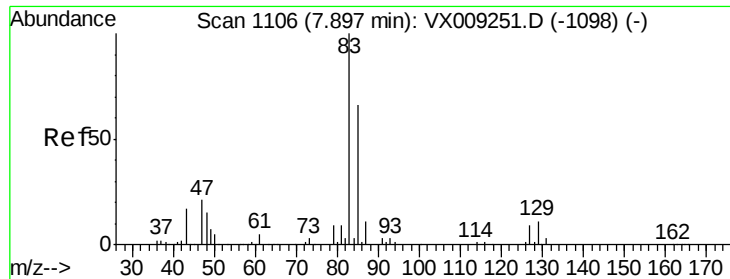


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.827 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

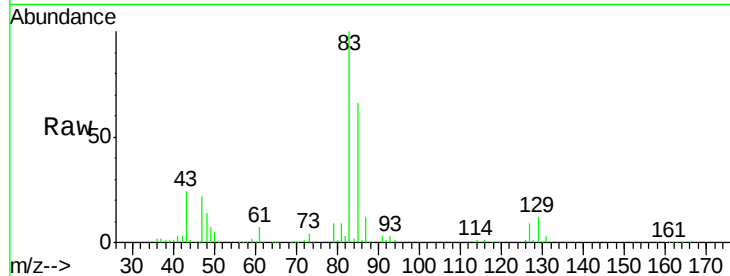
Tot Ion: 83 Resp: 59130

Ion Ratio Lower Upper

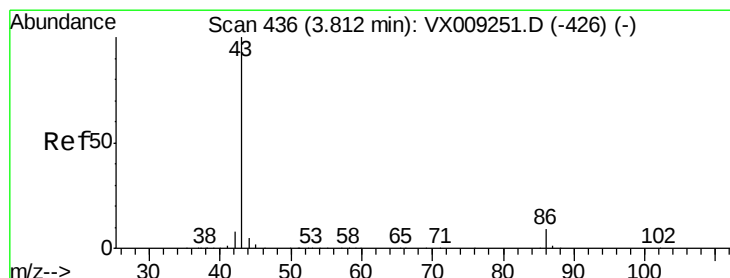
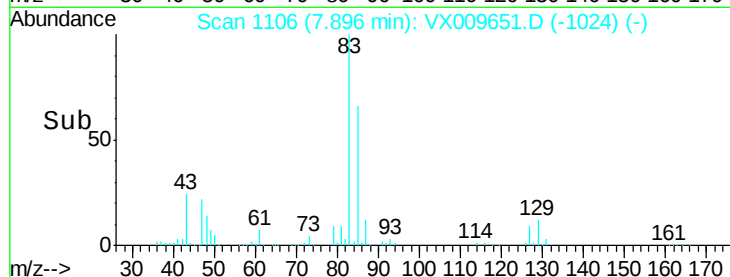
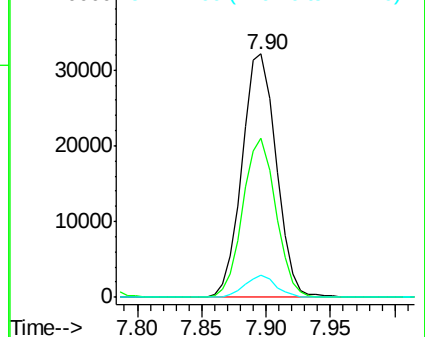
83 100

85 65.5 52.6 79.0

127 8.9 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: 96.947 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009651.D

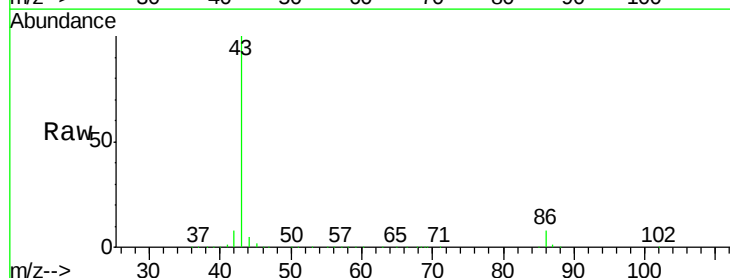
Acq: 17 May 2019 09:45

Tgt Ion: 43 Resp: 773217

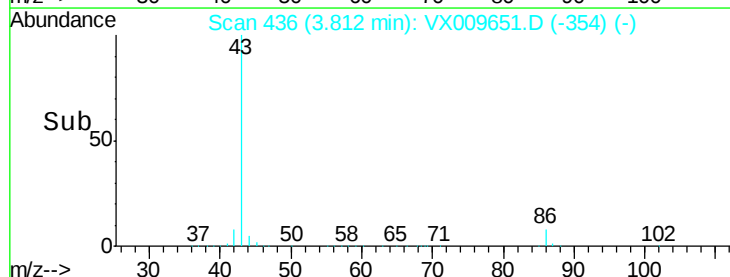
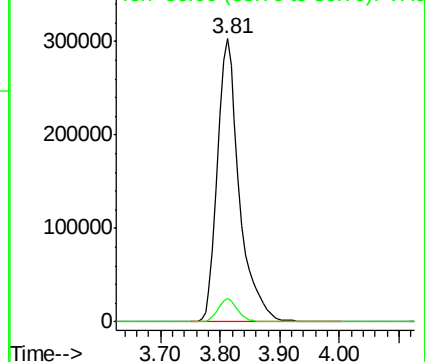
Ion Ratio Lower Upper

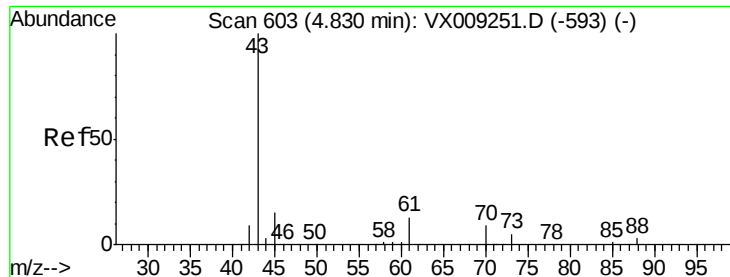
43 100

86 7.3 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: 18.811 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

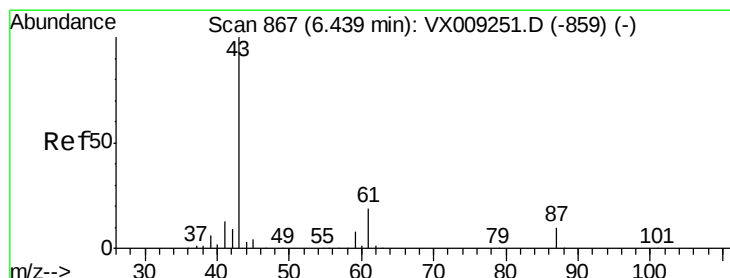
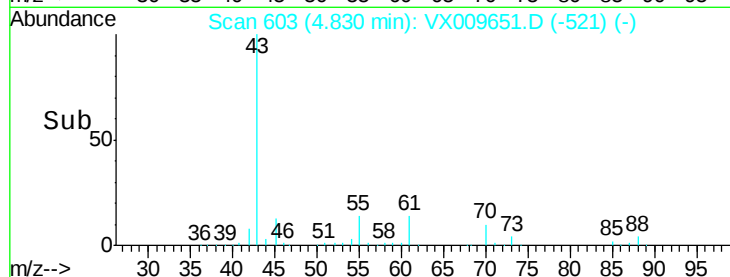
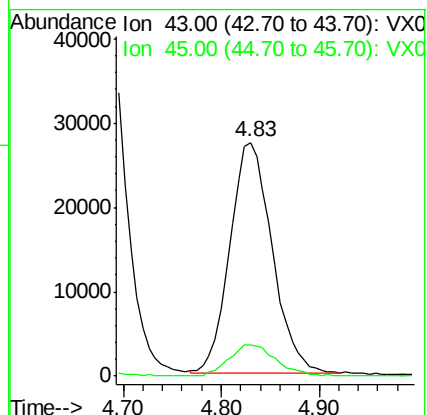
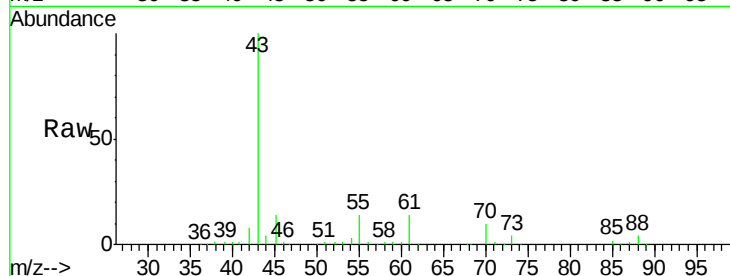
VSTDCCC020

Tot Ion: 43 Resp: 82139

Ion Ratio Lower Upper

43 100

45 15.3 11.8 17.8



#44

Isopropyl Acetate

Concen: 18.690 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX009651.D

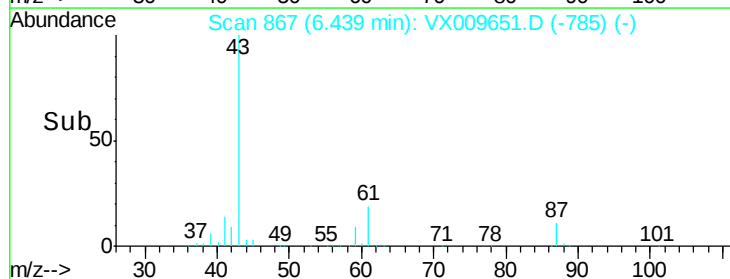
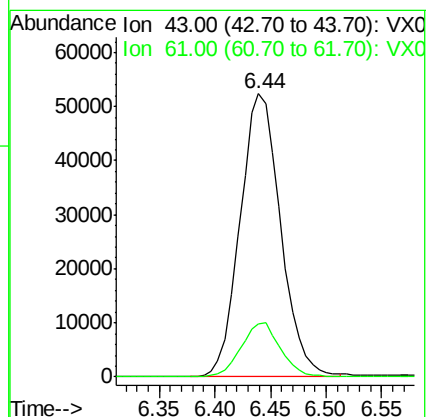
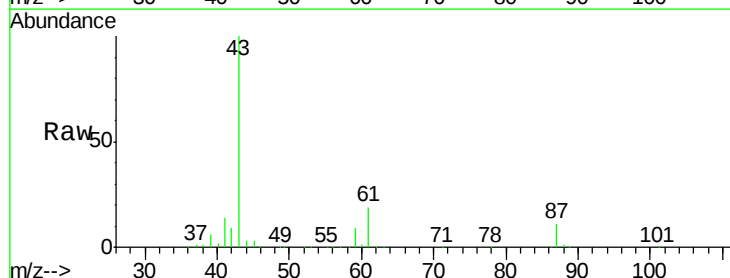
Acq: 17 May 2019 09:45

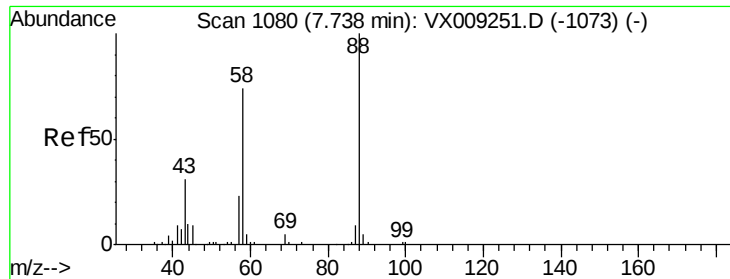
Tgt Ion: 43 Resp: 132210

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.2

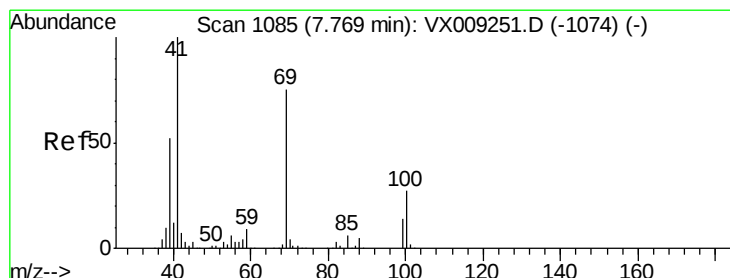
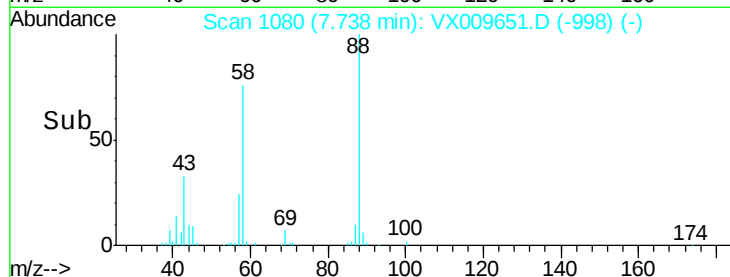
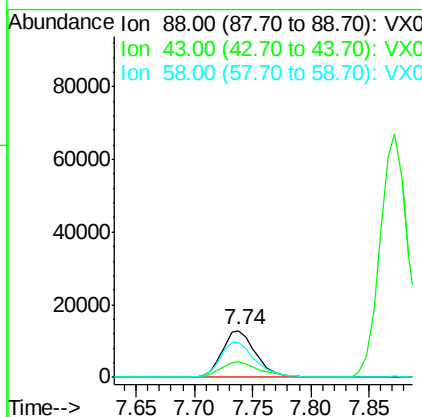
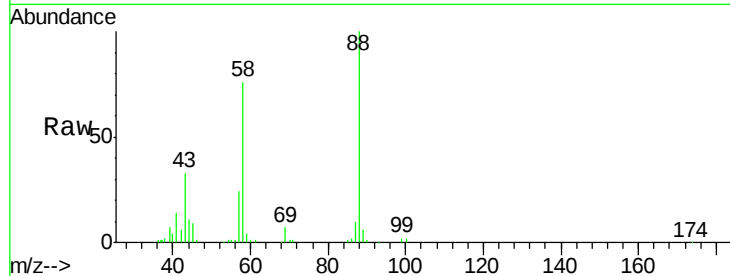




#45
 1,4-Dioxane
 Concen: 370.405 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

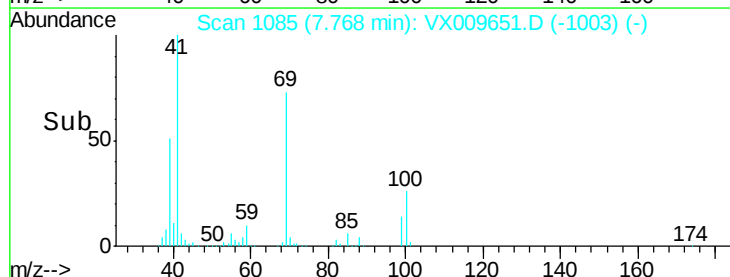
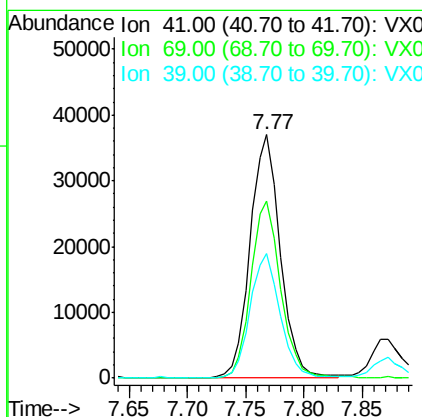
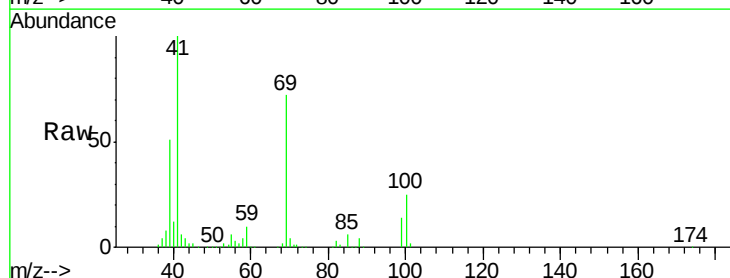
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

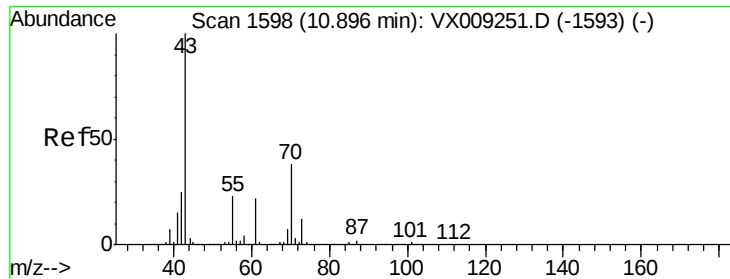
Tot Ion: 88 Resp: 25725
 Ion Ratio Lower Upper
 88 100
 43 37.4 28.5 42.7
 58 79.2 62.5 93.7



#46
 Methyl methacrylate
 Concen: 18.821 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion: 41 Resp: 66452
 Ion Ratio Lower Upper
 41 100
 69 72.6 37.6 112.8
 39 51.3 25.8 77.3





#47

n-amvl Acetate

Concen: 18.796 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

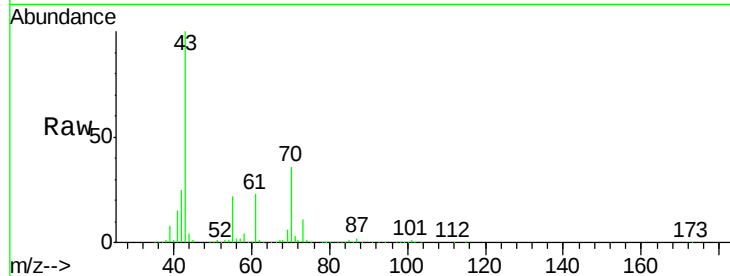
VSTDCCC020

Tot Ion: 43 Resp: 119778

Ion Ratio Lower Upper

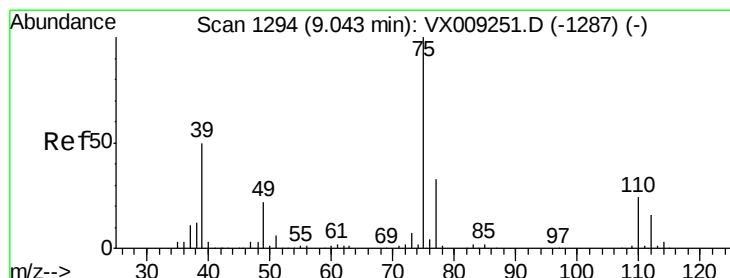
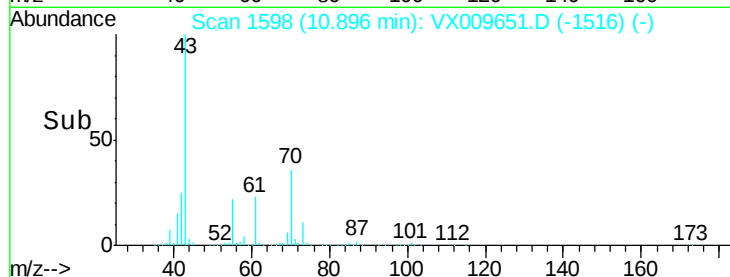
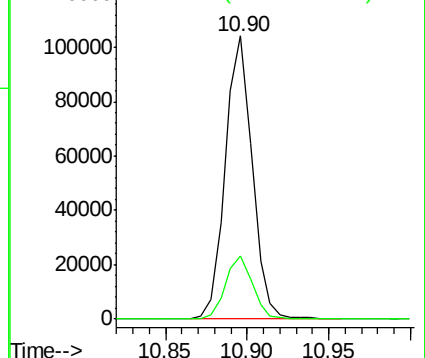
43 100

55 22.5 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: 18.449 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009651.D

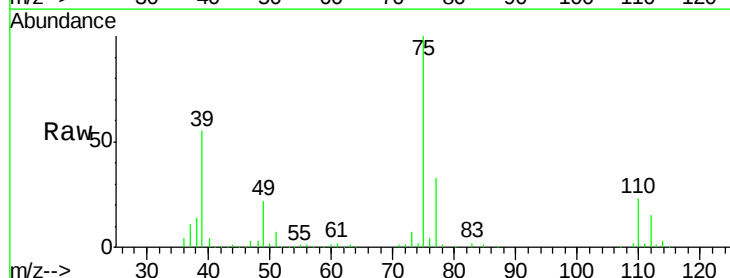
Acq: 17 May 2019 09:45

Tgt Ion: 75 Resp: 67607

Ion Ratio Lower Upper

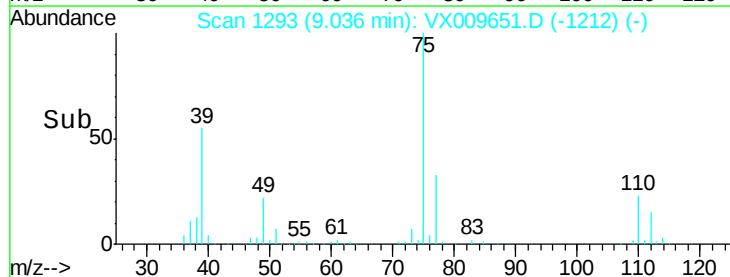
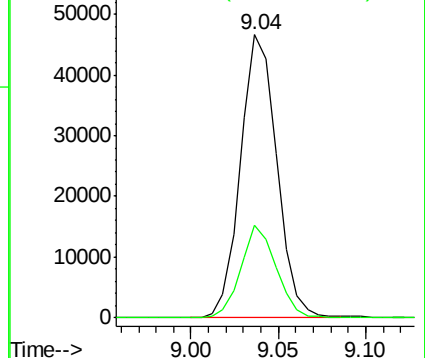
75 100

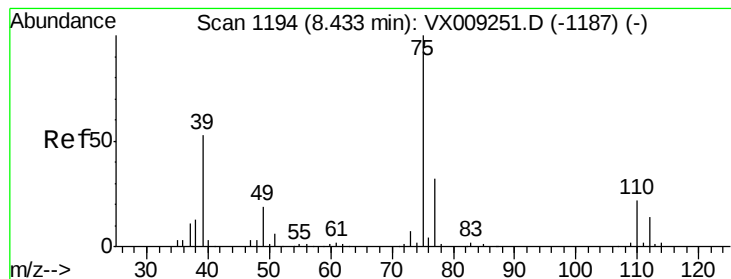
77 32.8 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



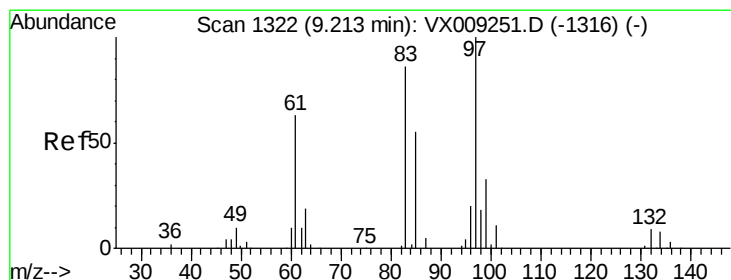
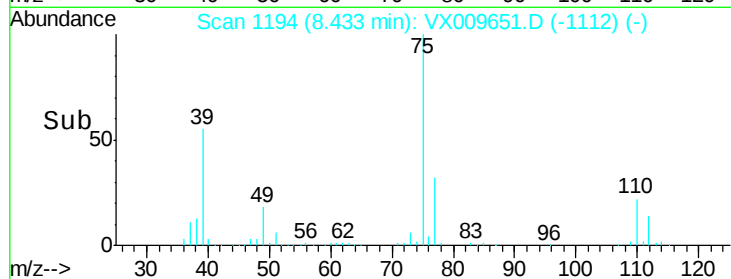
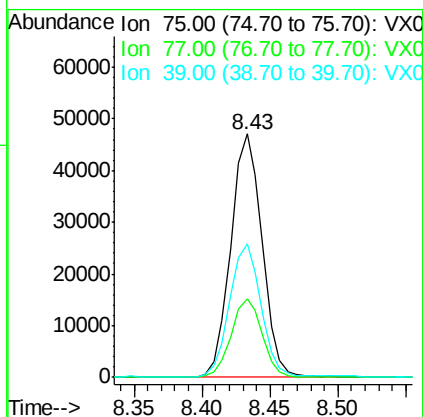
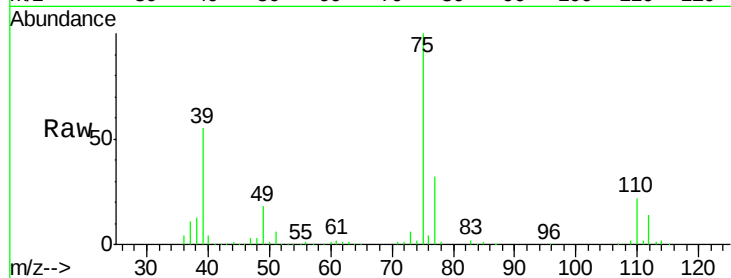


#49

cis-1,3-Dichloropropene
 Concen: 18.791 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

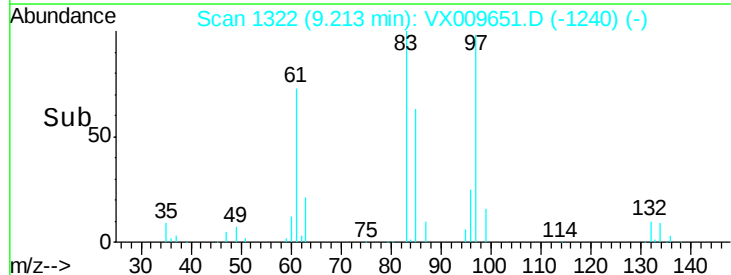
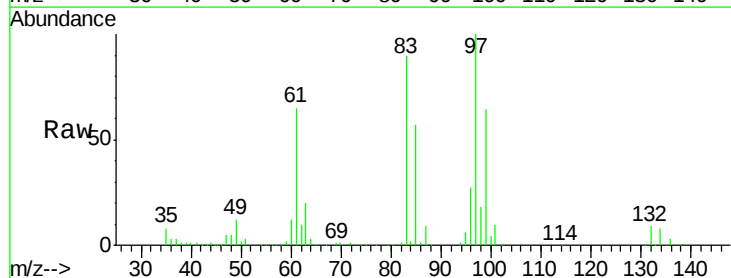
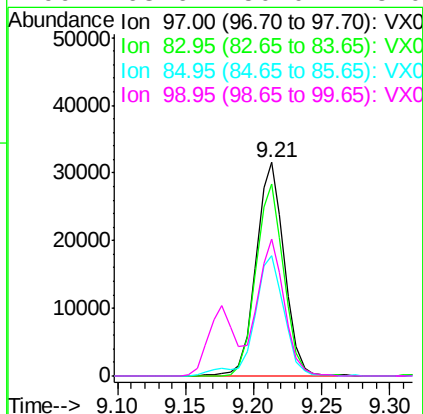
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.0	39.0
39	54.4	42.6	63.8

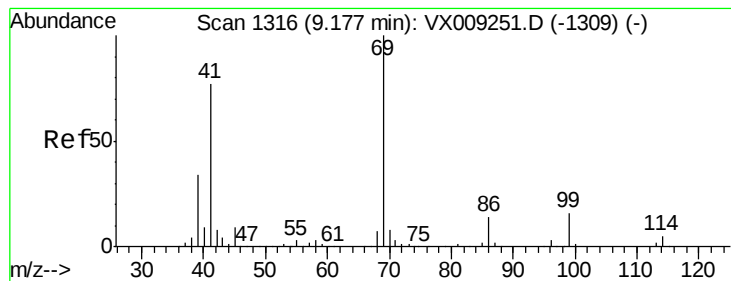


#50

1,1,2-Trichloroethane
 Concen: 19.535 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.8	103.2
85	56.4	45.8	68.6
99	63.6	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.733 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

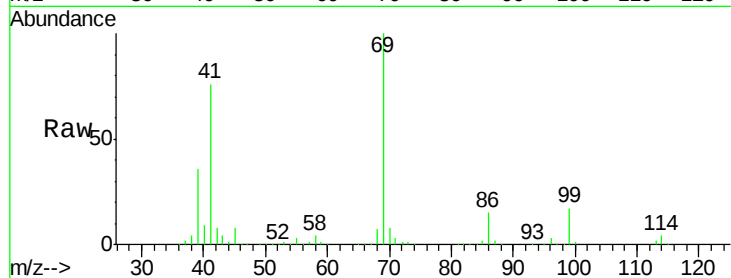
Tot Ion: 69 Resp: 81550

Ion Ratio Lower Upper

69 100

41 76.1 38.4 115.2

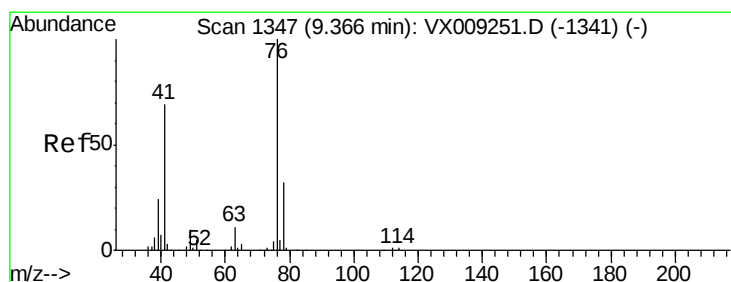
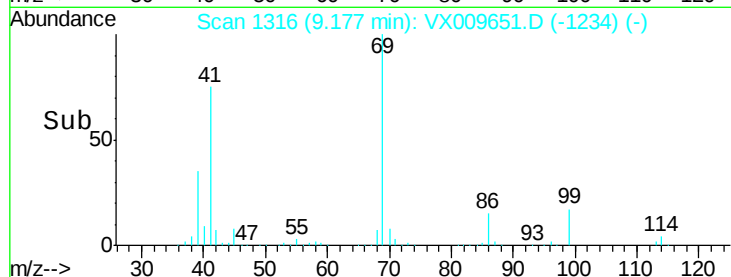
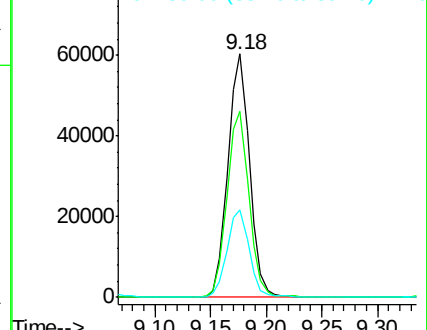
39 35.5 17.2 51.5



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: 19.156 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX009651.D

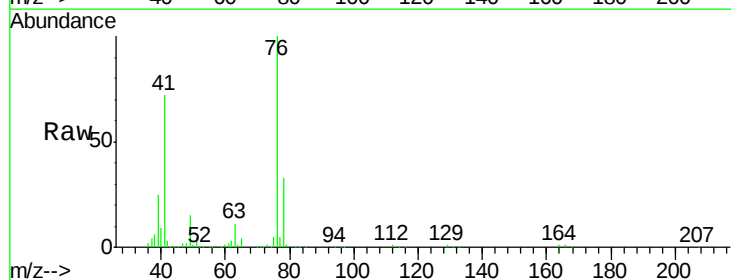
Acq: 17 May 2019 09:45

Tgt Ion: 76 Resp: 80086

Ion Ratio Lower Upper

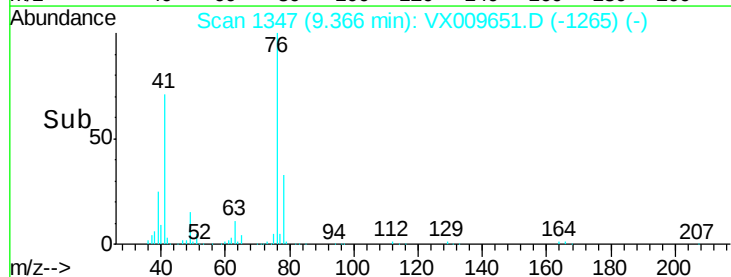
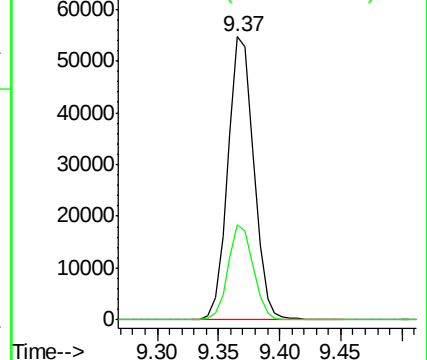
76 100

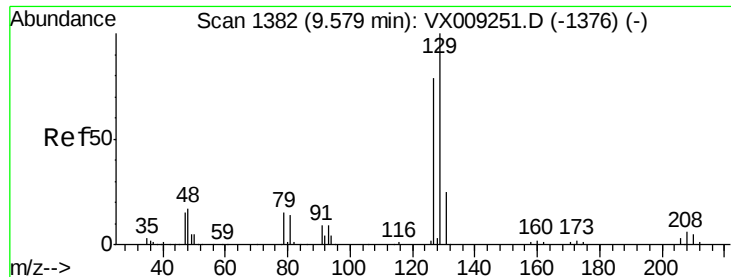
78 32.5 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

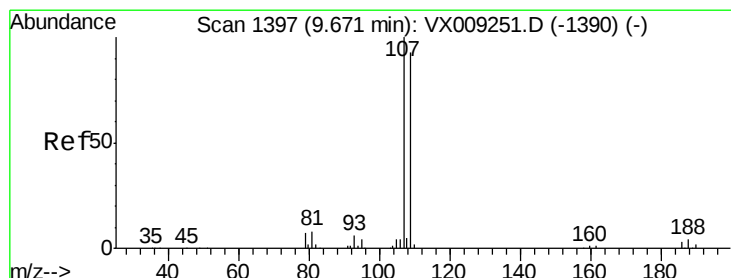
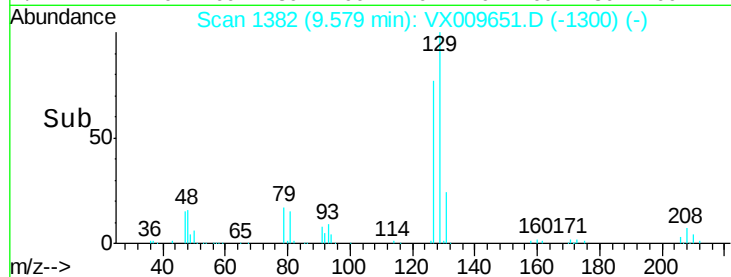
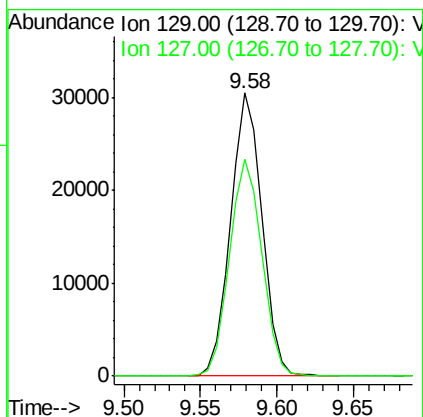
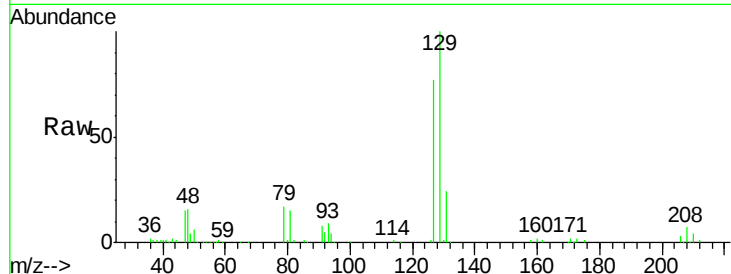




#53
 Dibromochloromethane
 Concen: 18.478 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

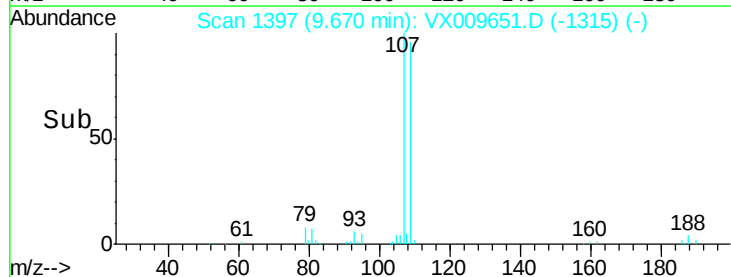
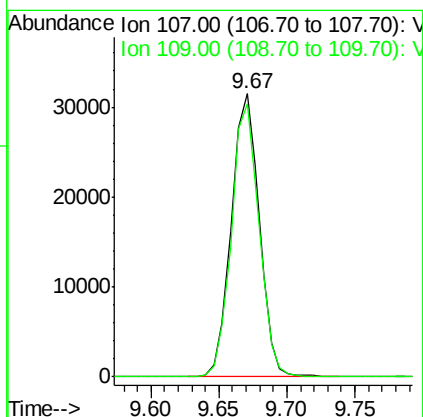
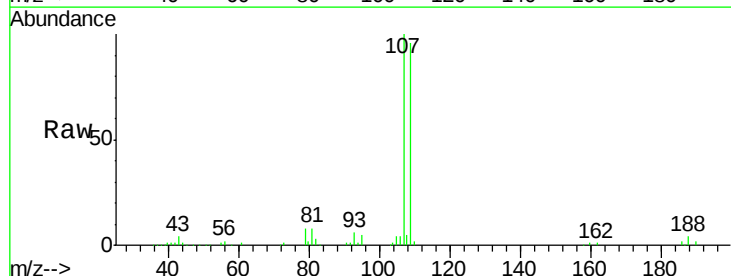
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

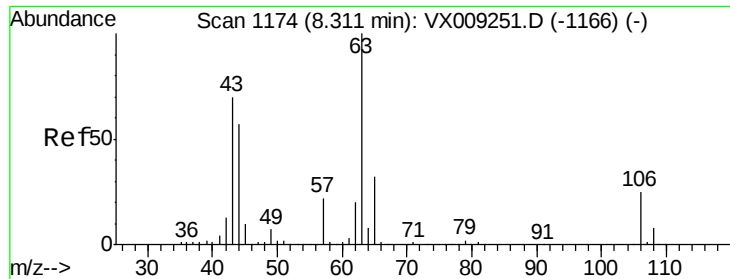
Tot Ion:129 Resp: 43349
 Ion Ratio Lower Upper
 129 100
 127 79.1 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 18.725 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion:107 Resp: 45238
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.5 113.3

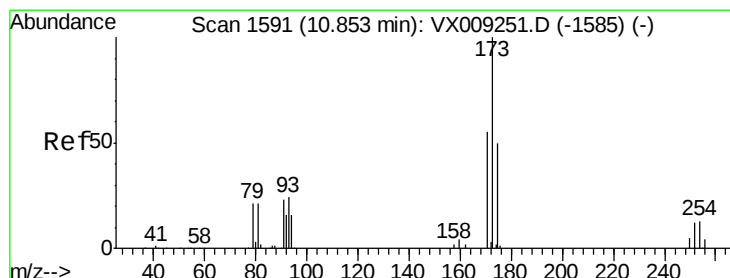
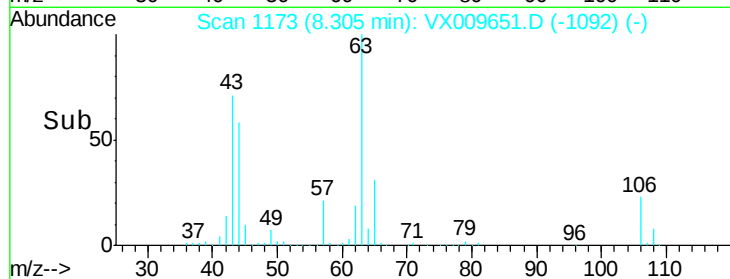
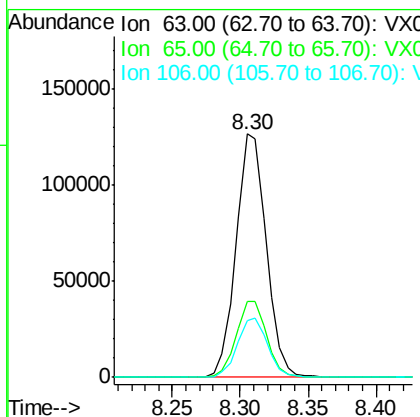
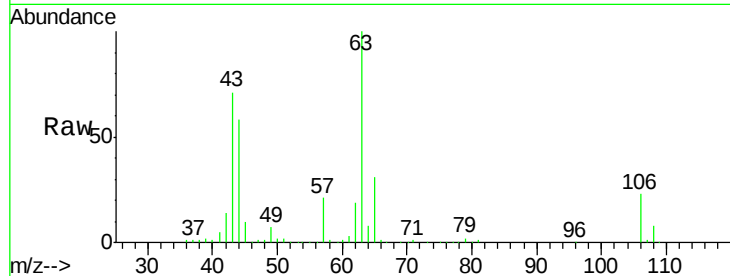




#55
2-Chloroethyl vinyl ether
Concen: 84.573 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

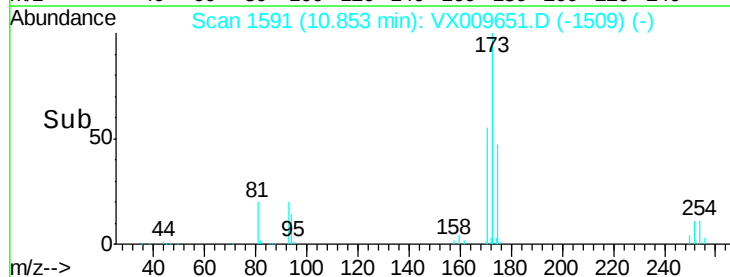
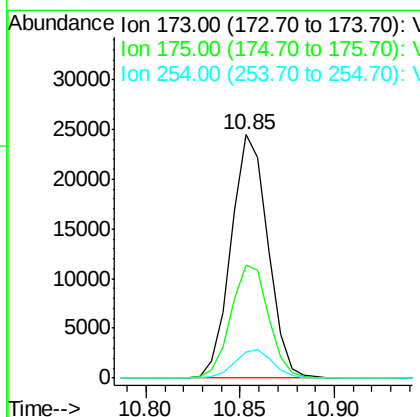
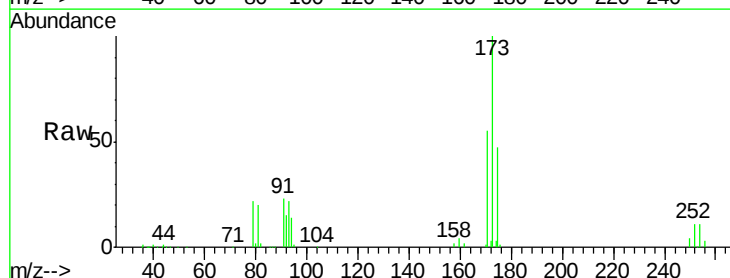
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

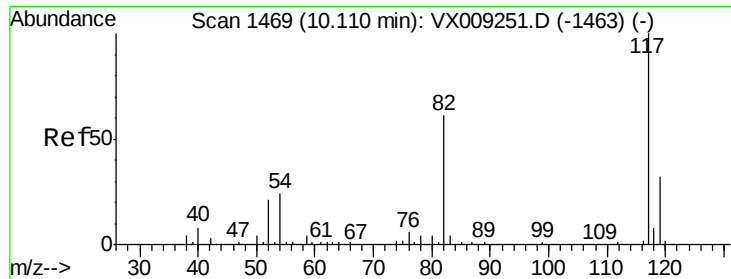
Tot Ion: 63 Resp: 196182
Ion Ratio Lower Upper
63 100
65 31.8 25.8 38.6
106 24.3 19.8 29.6



#56
Bromoform
Concen: 18.384 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 173 Resp: 33108
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.2
254 11.9 9.9 14.9

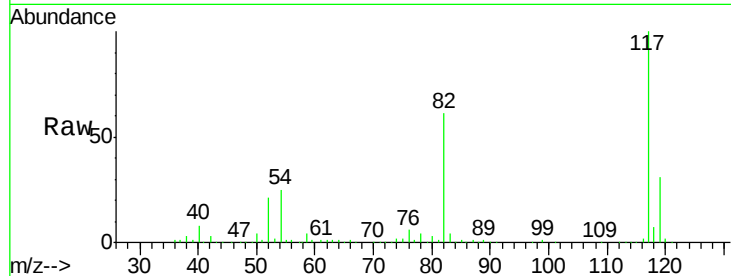




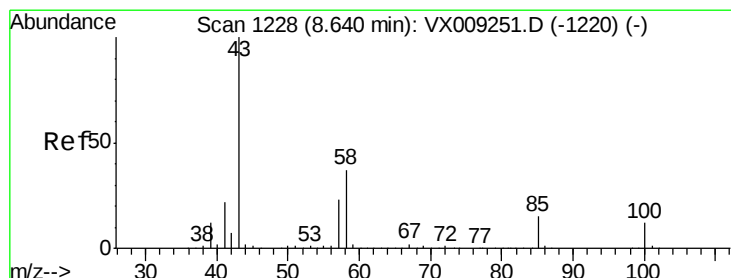
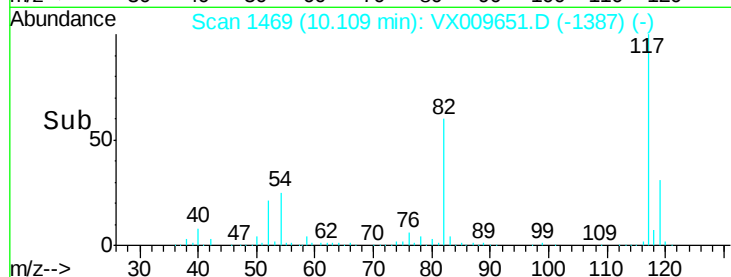
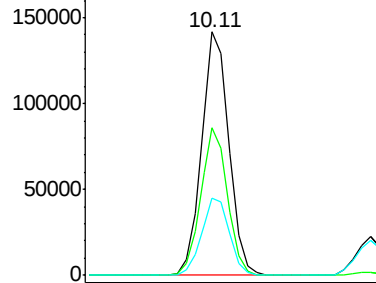
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:117 Resp: 187629
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.5 25.6 38.4

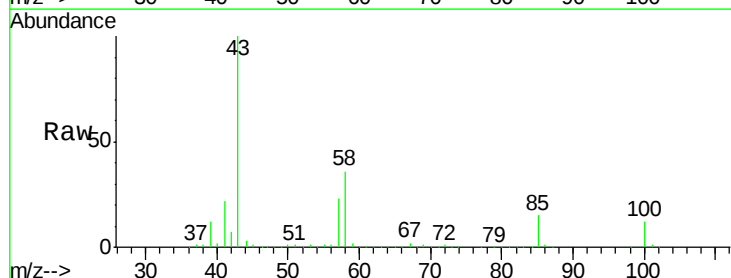


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

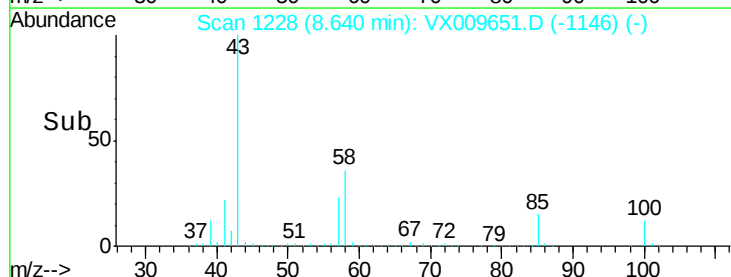
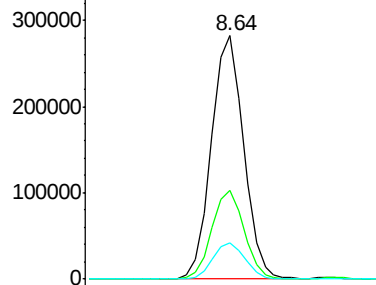


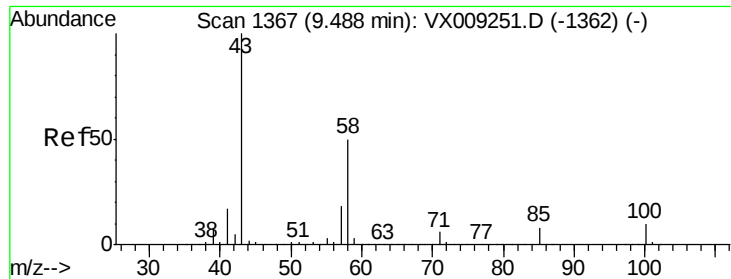
#58
4-Methyl-2-Pentanone
Concen: 94.875 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 43 Resp: 437711
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0
85 14.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

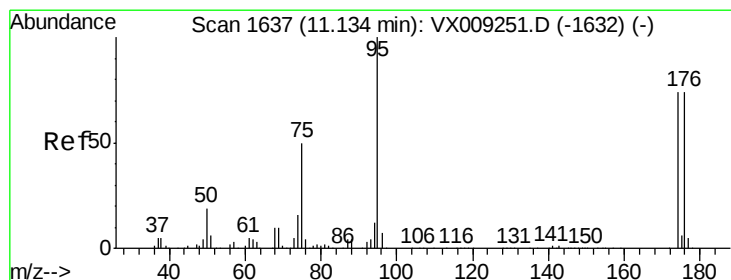
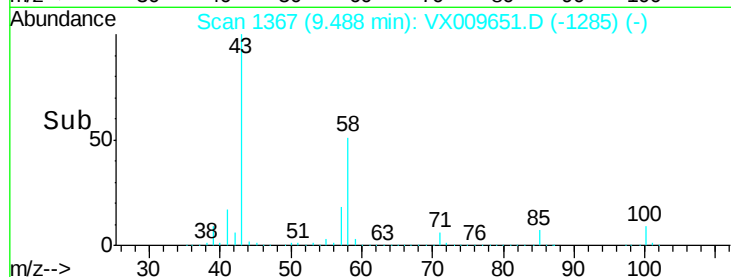
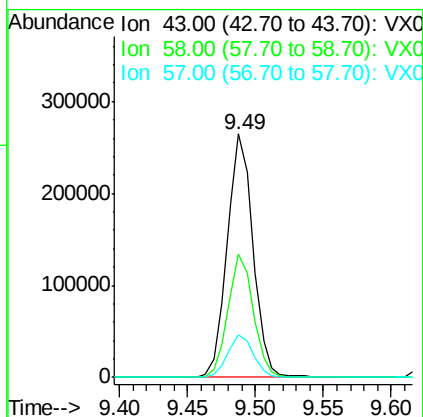
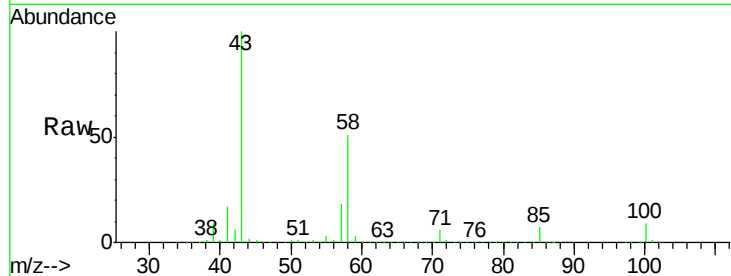




#59
2-Hexanone
Concen: 96.429 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

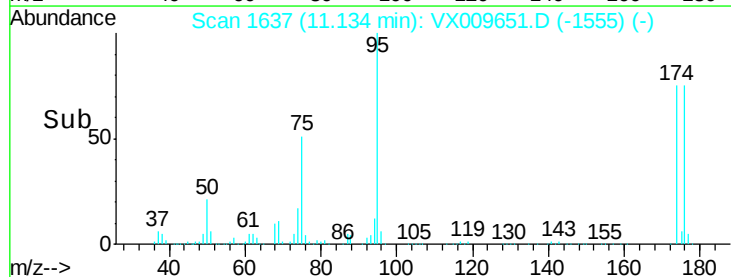
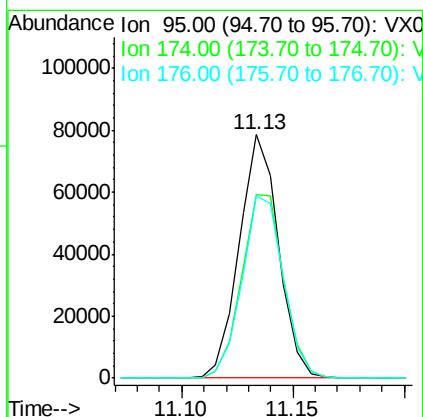
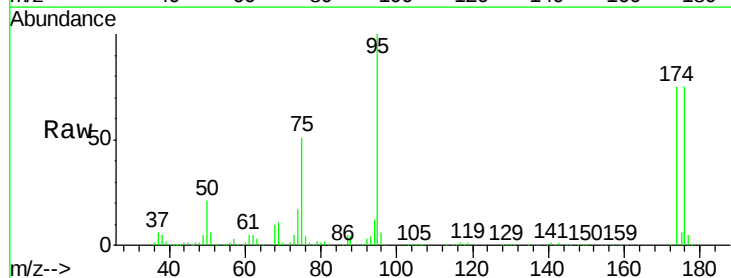
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

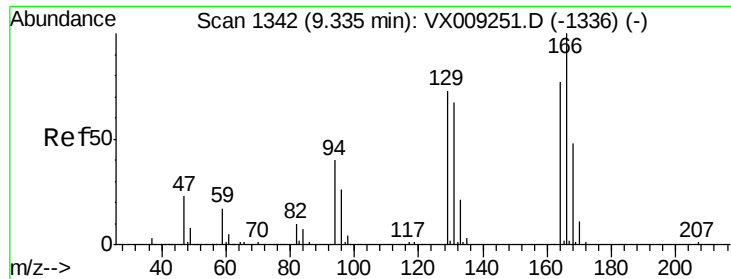
Tot Ion: 43 Resp: 348940
Ion Ratio Lower Upper
43 100
58 49.6 40.8 61.2
57 17.8 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.287 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 95 Resp: 96562
Ion Ratio Lower Upper
95 100
174 81.2 63.6 95.4
176 79.1 62.4 93.6





#61

Tetrachloroethene

Concen: 19.472 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 40277

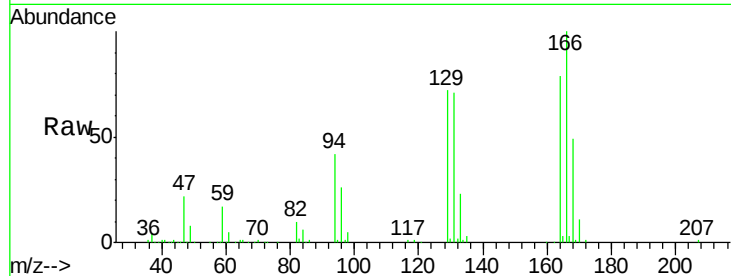
Ion Ratio Lower Upper

164 100

166 126.5 104.1 156.1

129 91.5 76.0 114.0

131 89.4 70.1 105.1

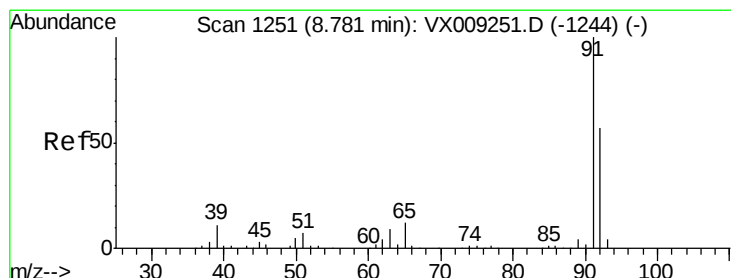
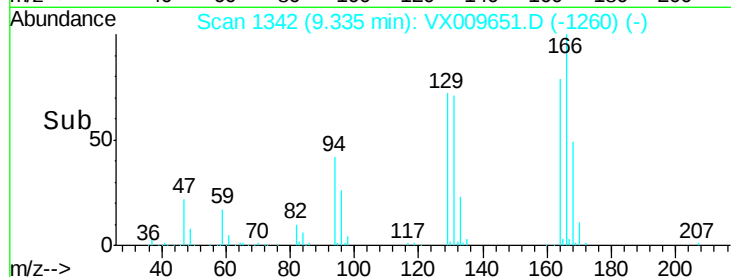
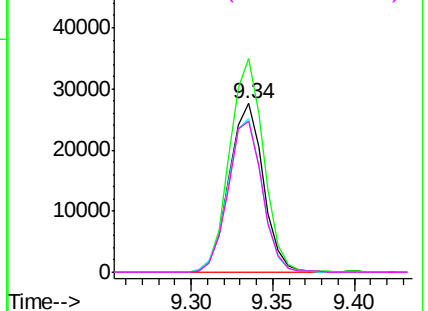


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.004 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009651.D

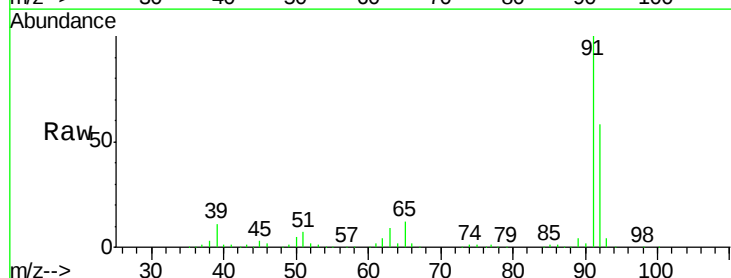
Acq: 17 May 2019 09:45

Tgt Ion: 91 Resp: 190536

Ion Ratio Lower Upper

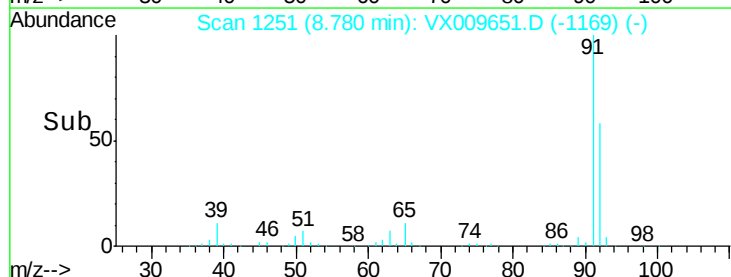
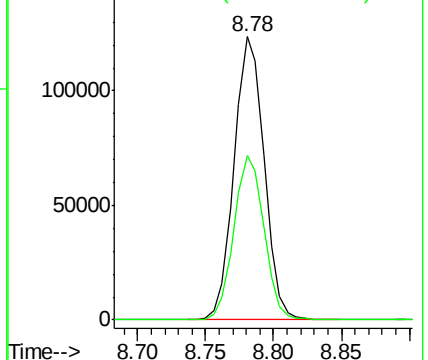
91 100

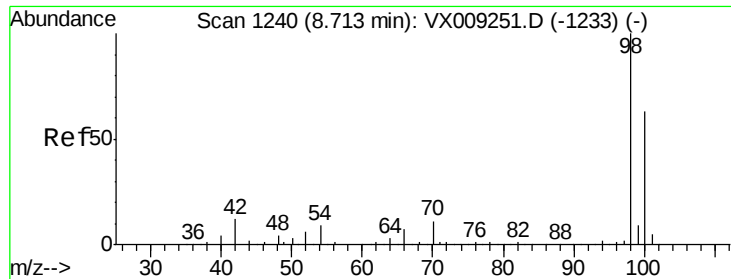
92 58.0 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.952 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

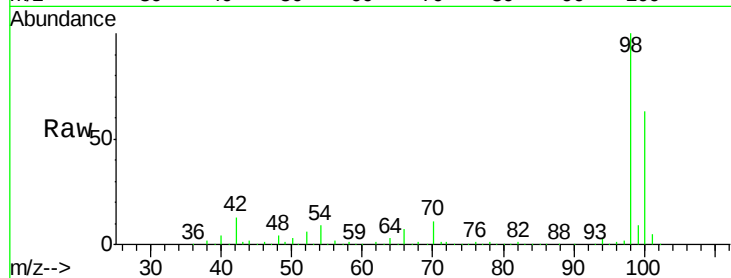
VSTDCCC020

Tot Ion: 98 Resp: 266445

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



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

Ion 100.00 (99.70 to 100.70): VX009251.D (-1233) (-)

200000

150000

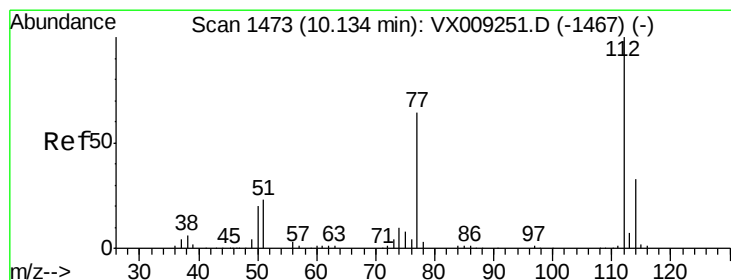
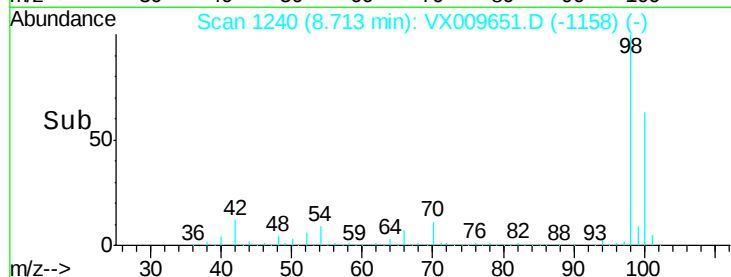
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.241 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009651.D

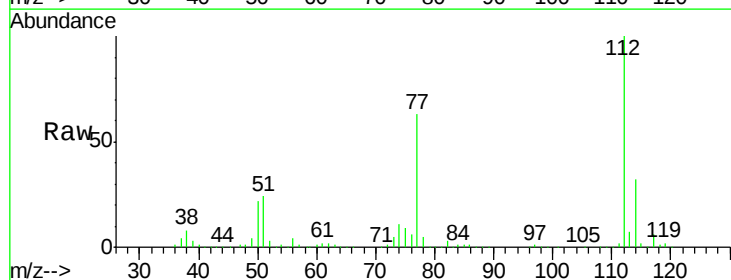
Acq: 17 May 2019 09:45

Tgt Ion: 112 Resp: 116098

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2



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

Ion 114.00 (113.70 to 114.70): VX009251.D (-1467) (-)

100000

80000

60000

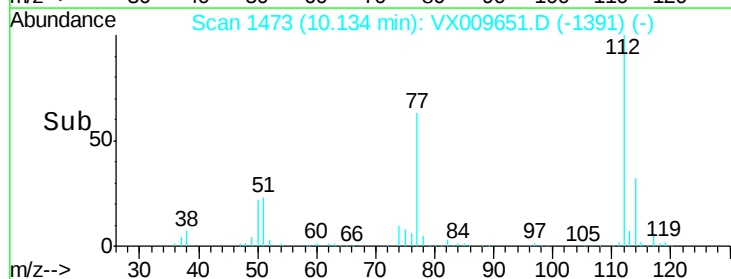
40000

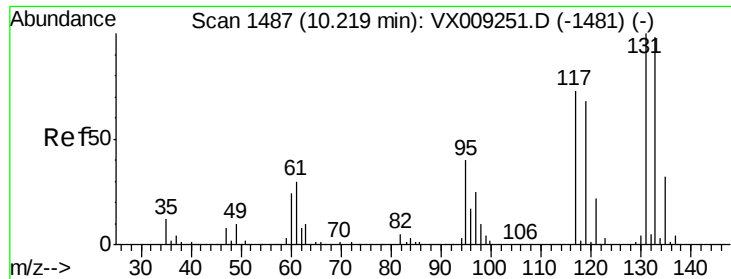
20000

0

10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 18.975 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

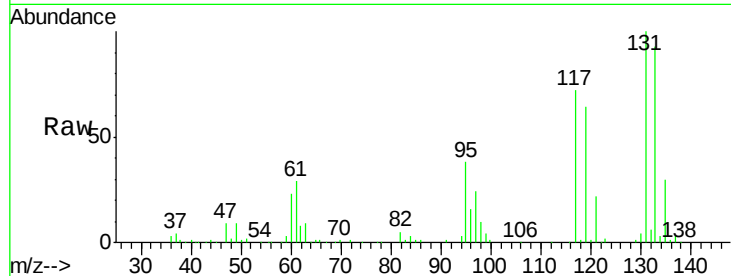
Tot Ion:131 Resp: 41923

Ion Ratio Lower Upper

131 100

133 95.6 0.0 191.2

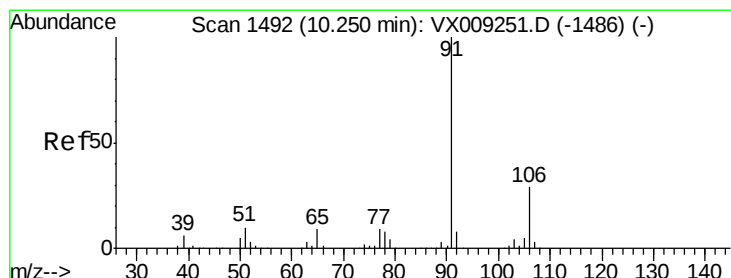
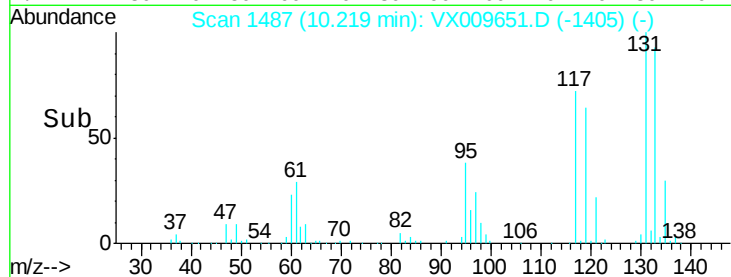
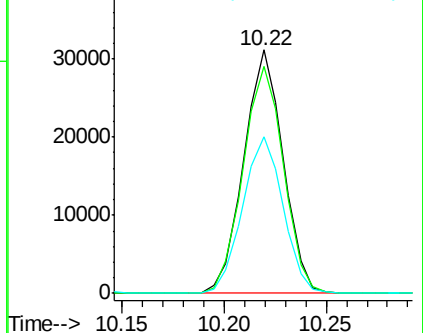
119 66.0 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.075 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009651.D

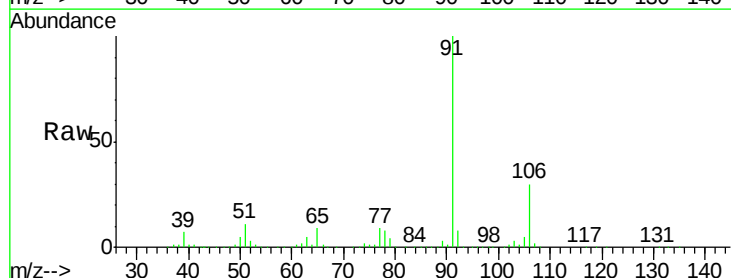
Acq: 17 May 2019 09:45

Tgt Ion: 91 Resp: 213056

Ion Ratio Lower Upper

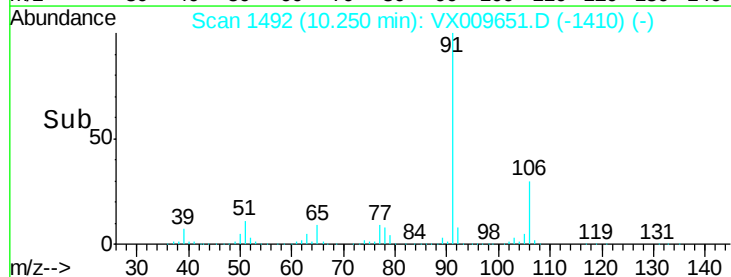
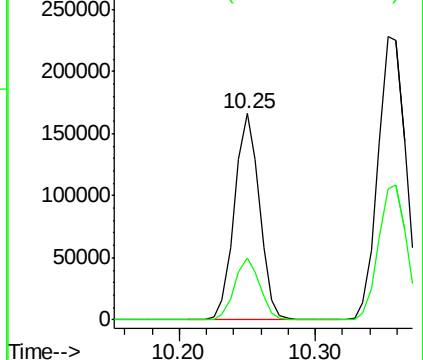
91 100

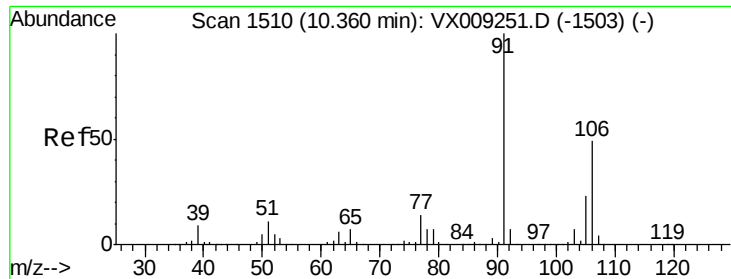
106 29.9 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

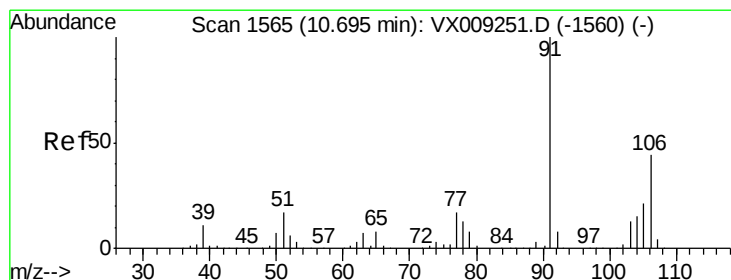
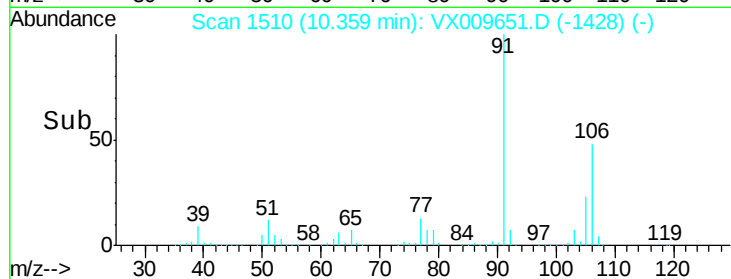
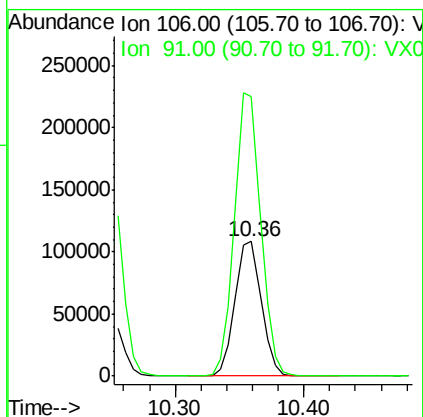
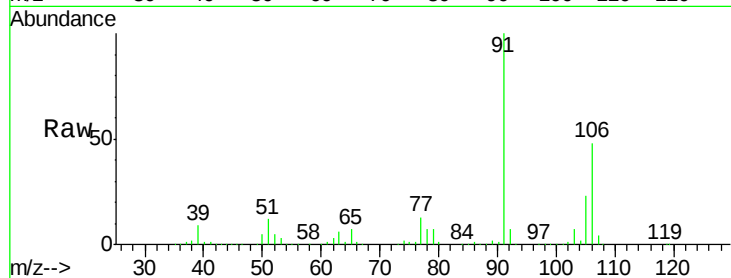




#67
m/p-Xvlenes
Concen: 38.273 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

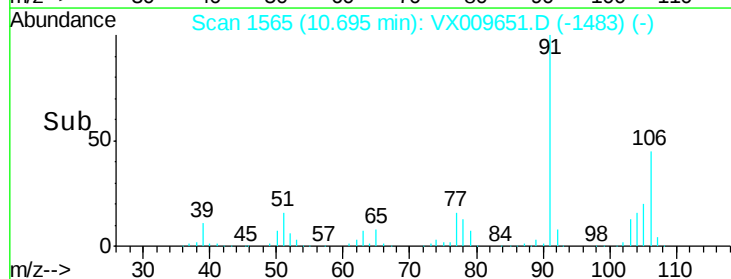
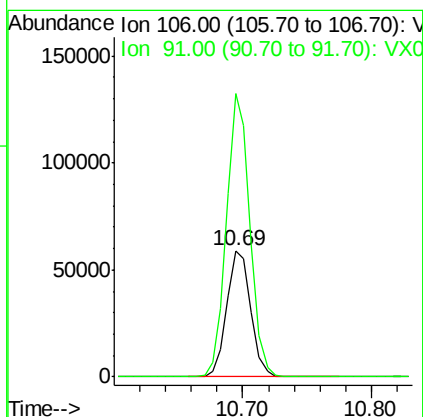
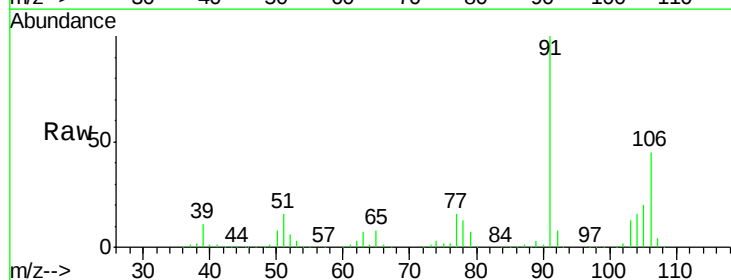
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

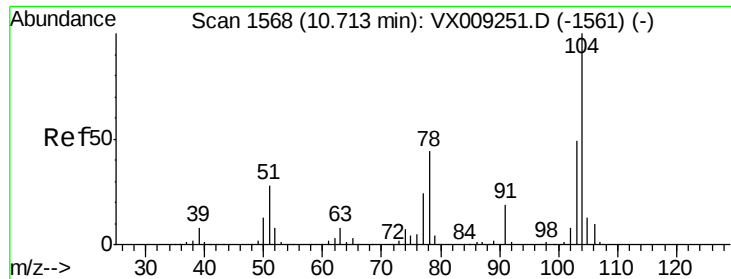
Tot Ion:106 Resp: 156075
Ion Ratio Lower Upper
106 100
91 209.0 166.8 250.2



#68
o-Xylene
Concen: 19.292 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion:106 Resp: 77358
Ion Ratio Lower Upper
106 100
91 218.6 110.8 332.3

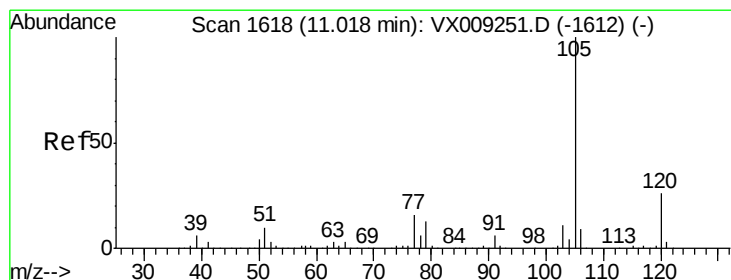
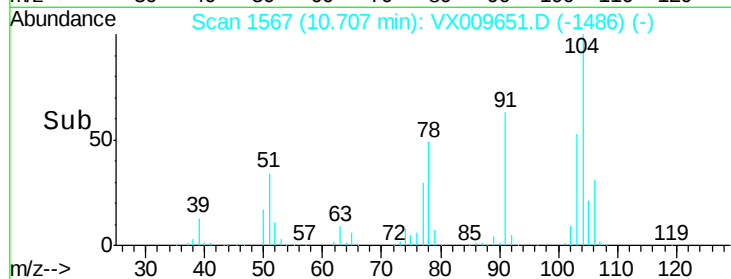
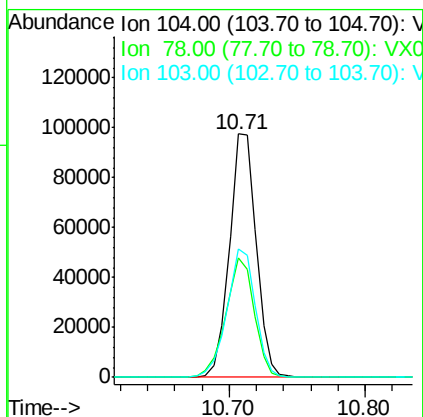
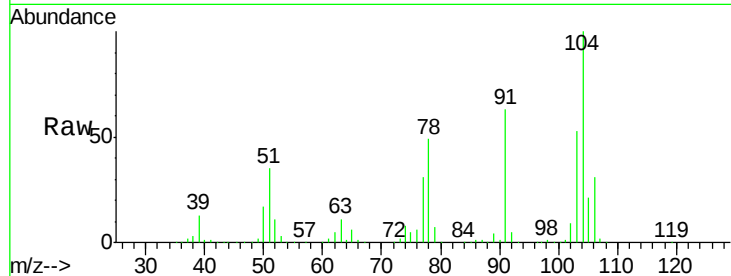




#69
Stvrene
Concen: 19.004 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

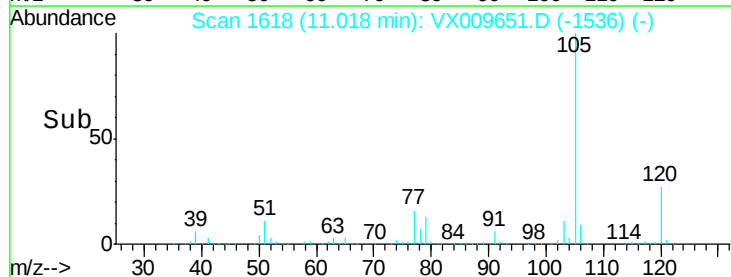
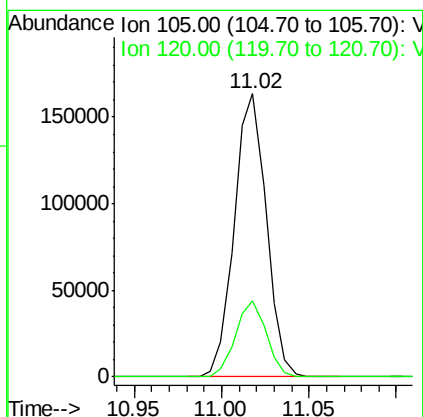
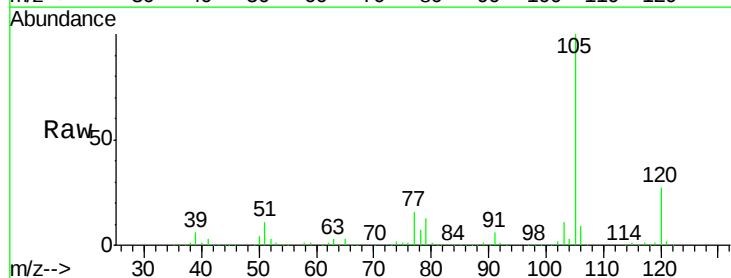
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

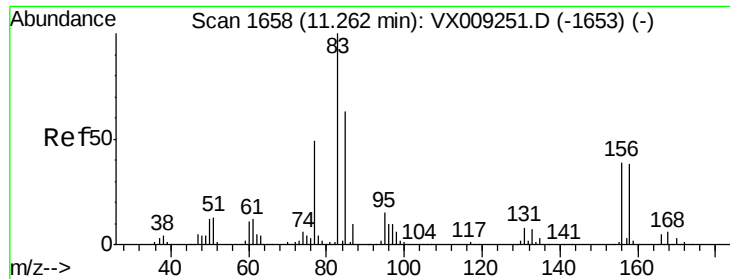
Tot Ion:104 Resp: 133773
Ion Ratio Lower Upper
104 100
78 52.2 41.1 61.7
103 55.8 43.8 65.8



#70
Isopropylbenzene
Concen: 19.303 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion:105 Resp: 208156
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.7

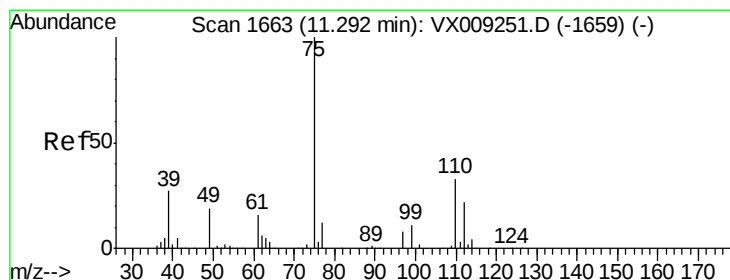
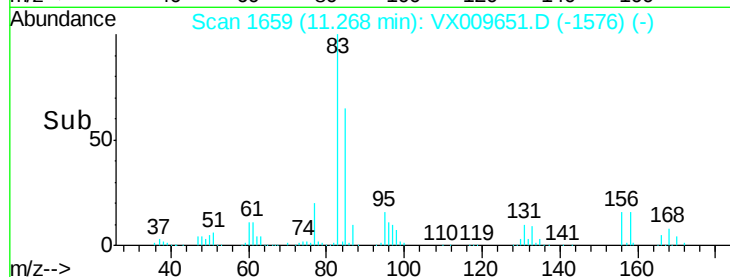
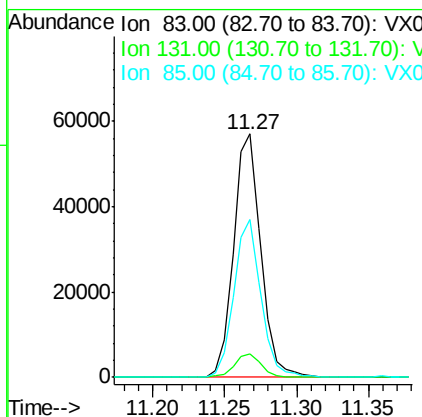
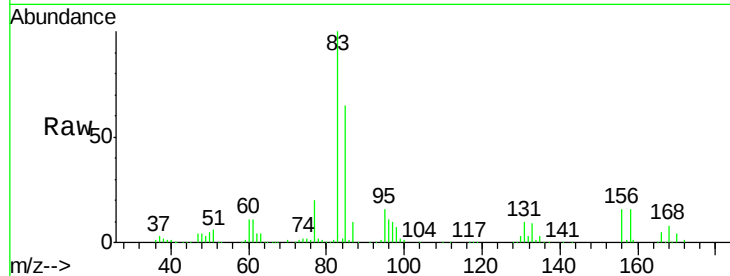




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.136 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

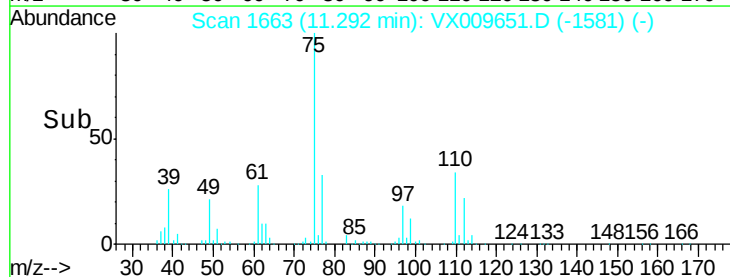
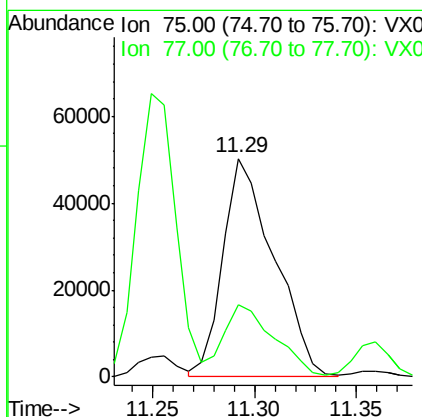
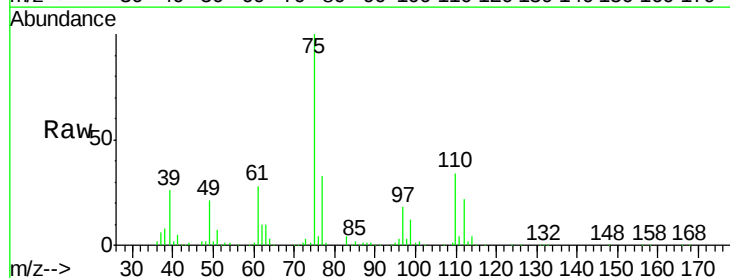
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

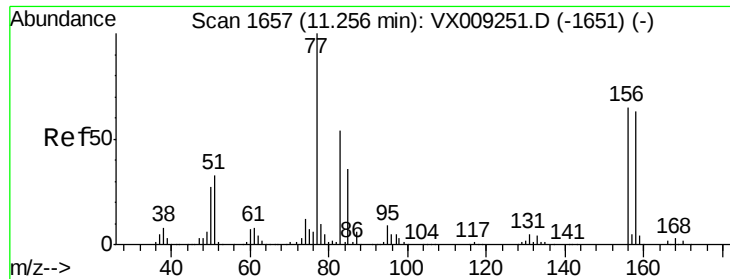
Tot Ion: 83 Resp: 75574
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 64.4 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 25.655 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion: 75 Resp: 87314
 Ion Ratio Lower Upper
 75 100
 77 32.9 0.0 86.4





#73

Bromobenzene

Concen: 18.895 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

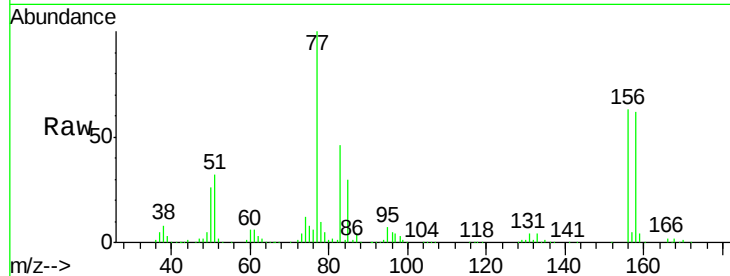
Tot Ion:156 Resp: 50343

Ion Ratio Lower Upper

156 100

77 172.7 0.0 335.6

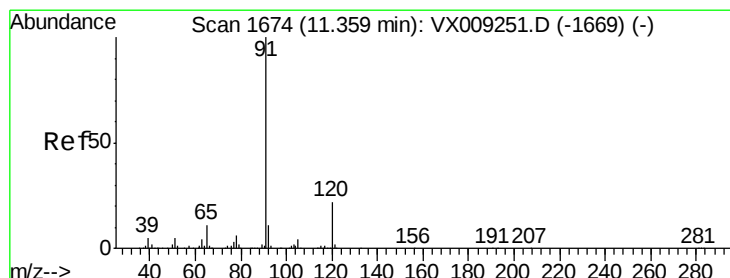
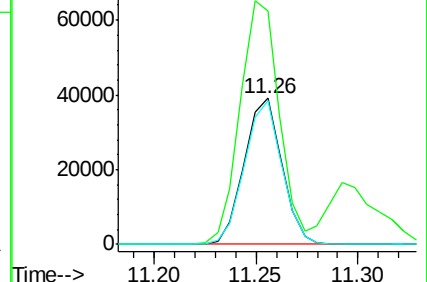
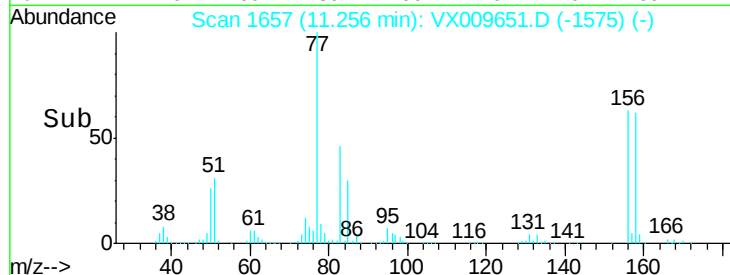
158 97.8 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.707 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009651.D

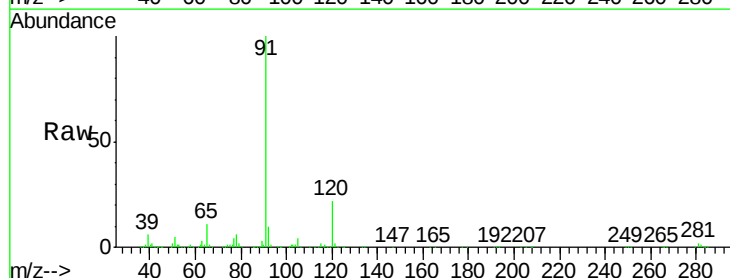
Acq: 17 May 2019 09:45

Tgt Ion: 91 Resp: 246276

Ion Ratio Lower Upper

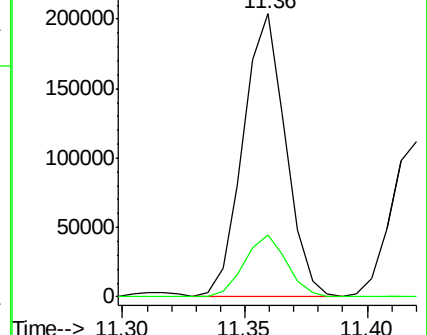
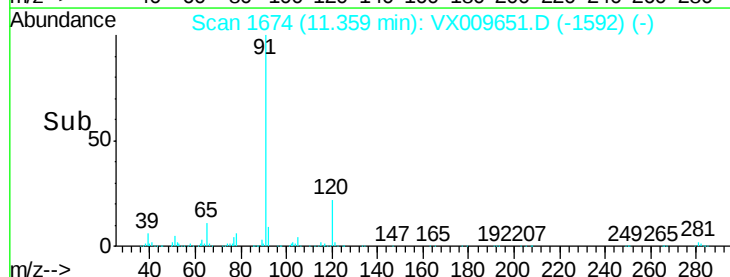
91 100

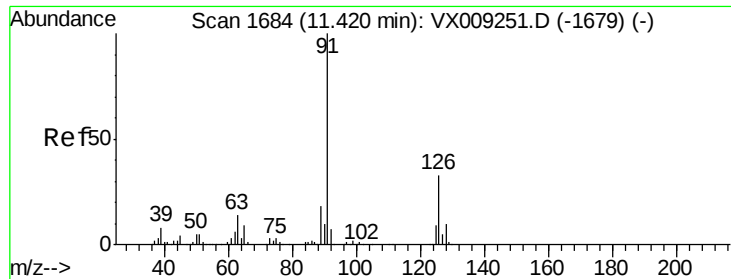
120 21.8 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.132 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

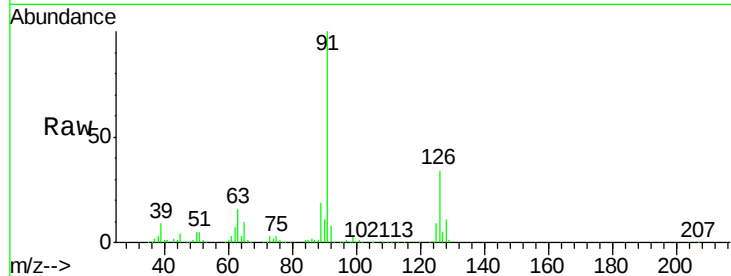
VSTDCCC020

Tot Ion: 91 Resp: 143405

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

200000

150000

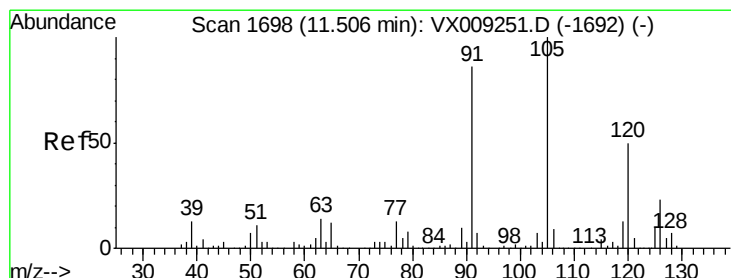
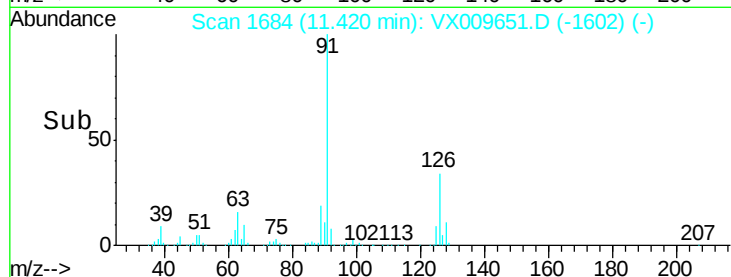
100000

50000

0

11.40 11.42 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.559 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009651.D

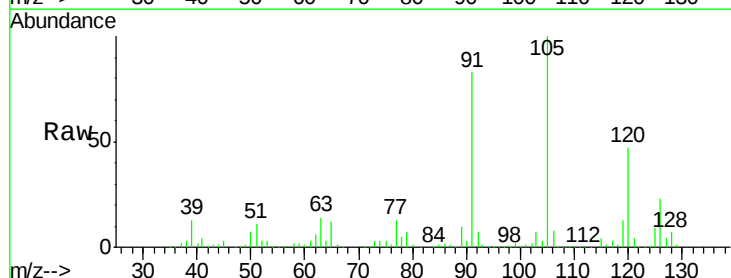
Acq: 17 May 2019 09:45

Tgt Ion: 105 Resp: 178665

Ion Ratio Lower Upper

105 100

120 47.5 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

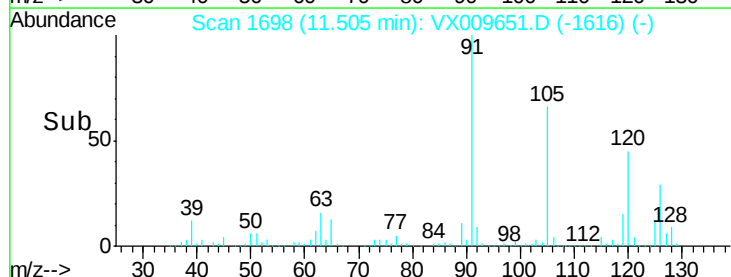
100000

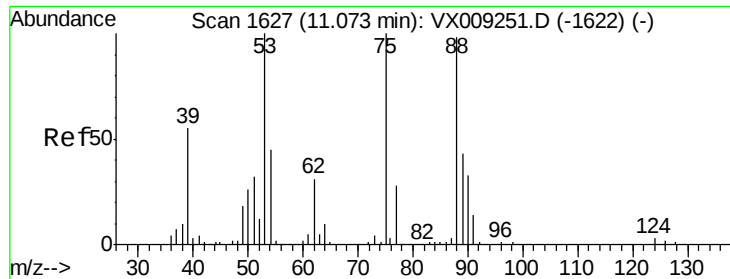
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.562 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

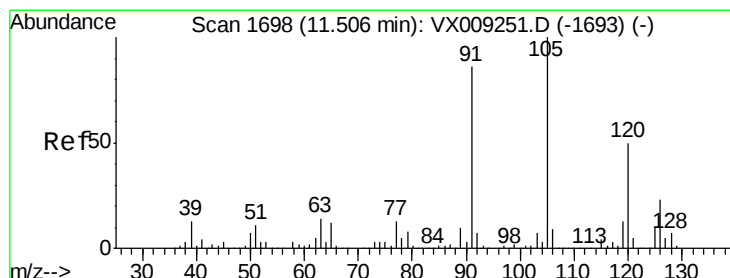
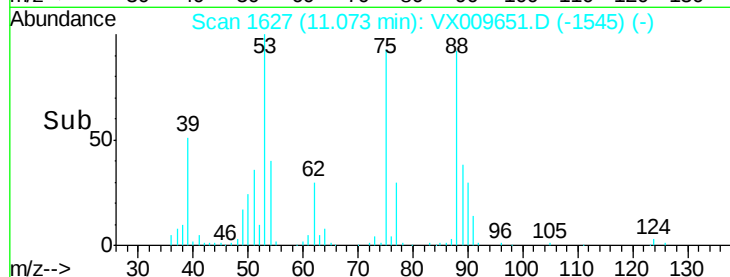
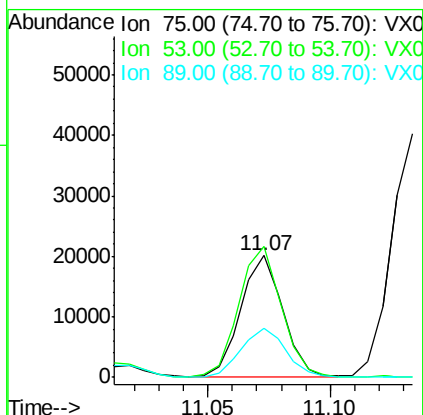
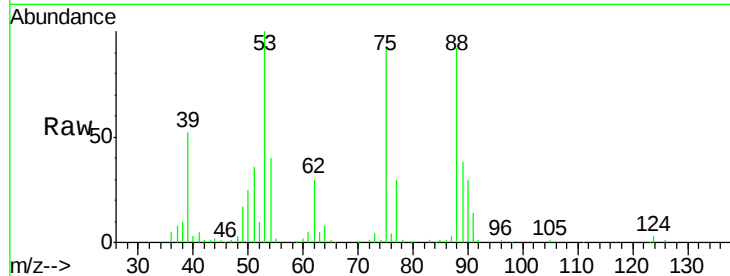
Tot Ion: 75 Resp: 24109

Ion Ratio Lower Upper

75 100

53 107.7 50.0 149.8

89 40.9 21.6 65.0



#78

4-Chlorotoluene

Concen: 19.439 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009651.D

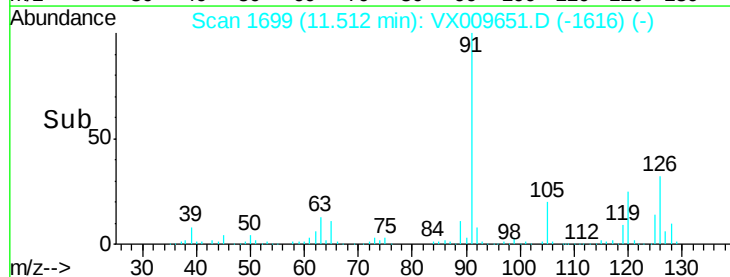
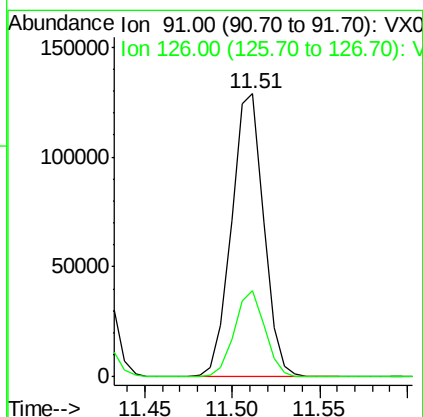
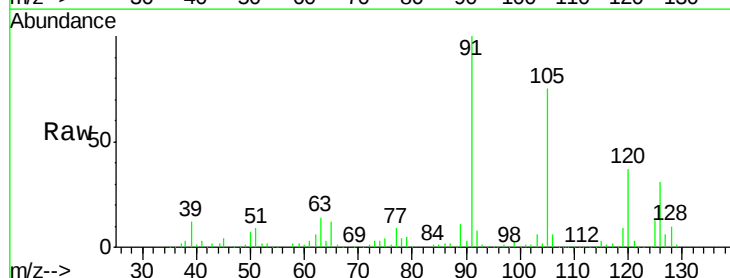
Acq: 17 May 2019 09:45

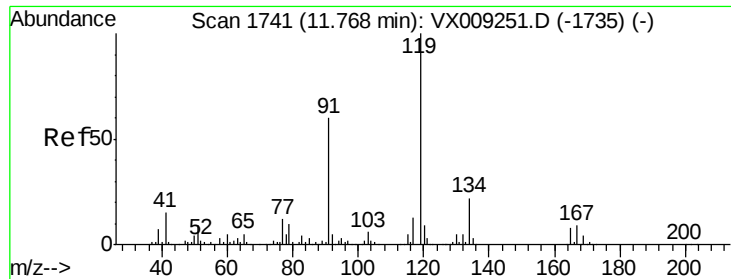
Tgt Ion: 91 Resp: 165487

Ion Ratio Lower Upper

91 100

126 29.0 0.0 57.0

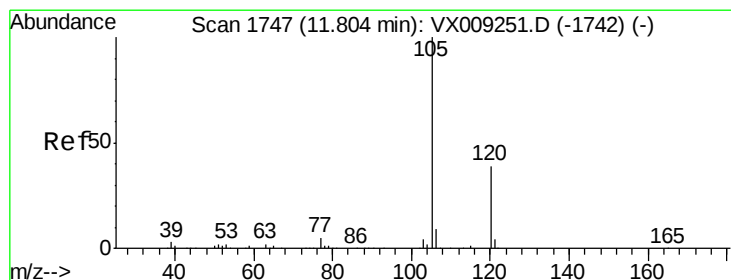
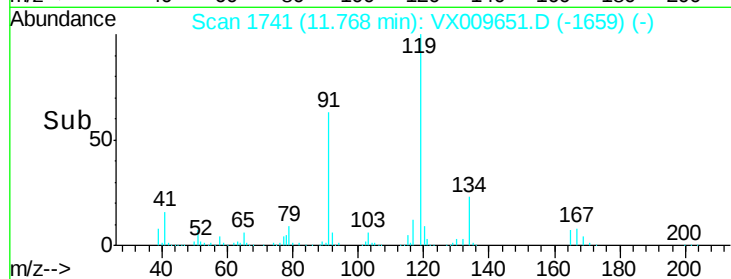
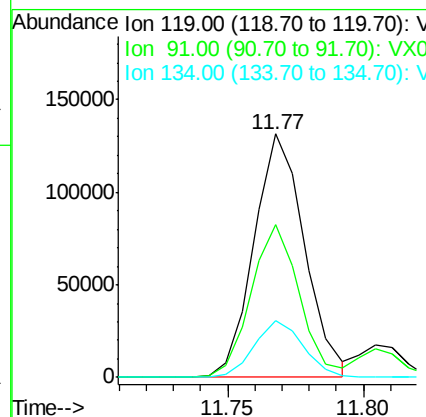
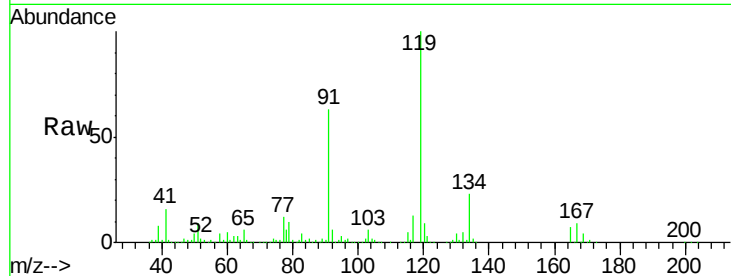




#79
tert-butylbenzene
Concen: 19.208 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

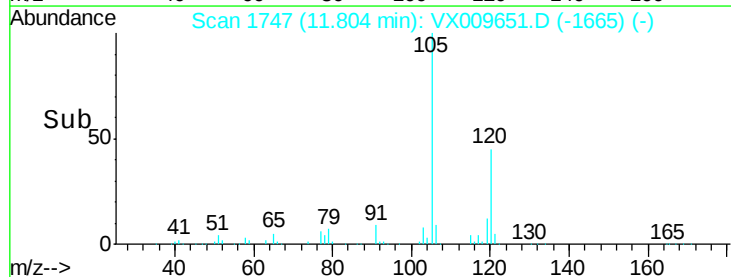
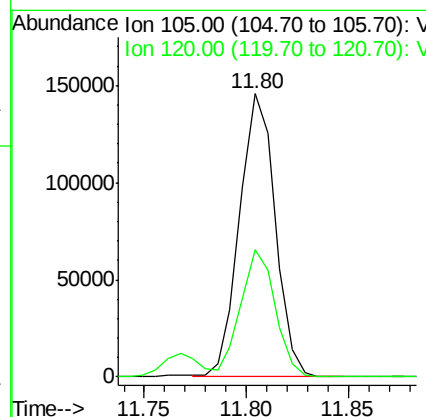
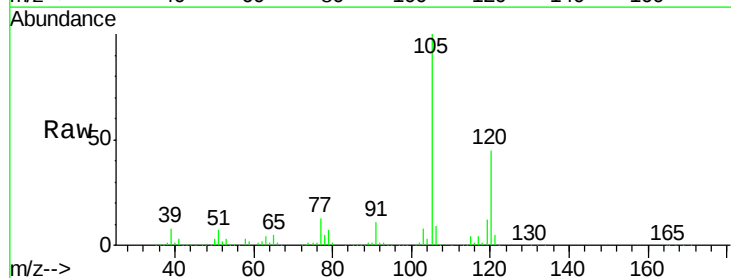
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

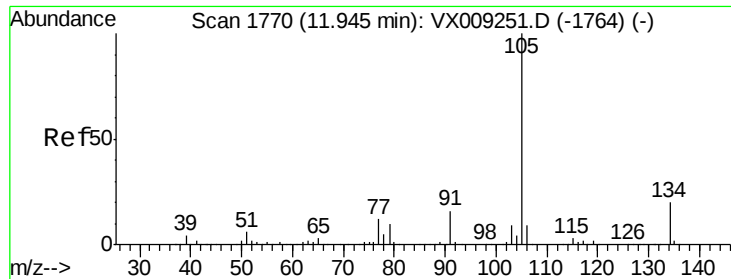
Tot Ion:119 Resp: 169618
Ion Ratio Lower Upper
119 100
91 60.1 0.0 118.2
134 22.8 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 19.305 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion:105 Resp: 176745
Ion Ratio Lower Upper
105 100
120 43.4 0.0 89.6

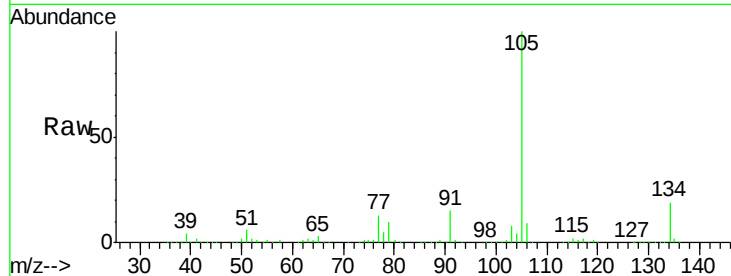




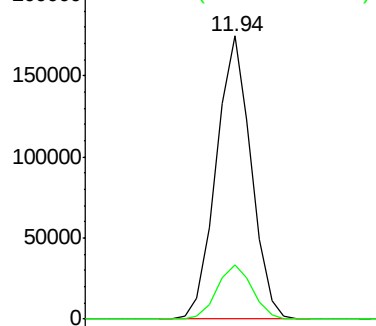
#81
 sec-Butylbenzene
 Concen: 19.691 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

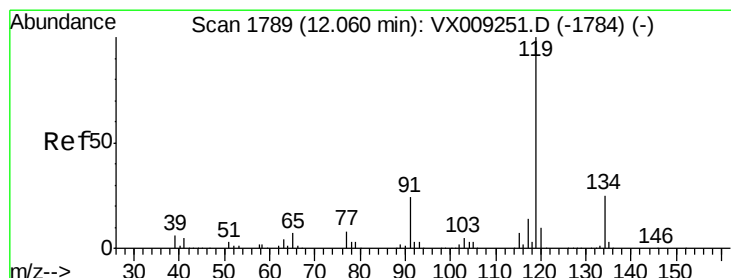
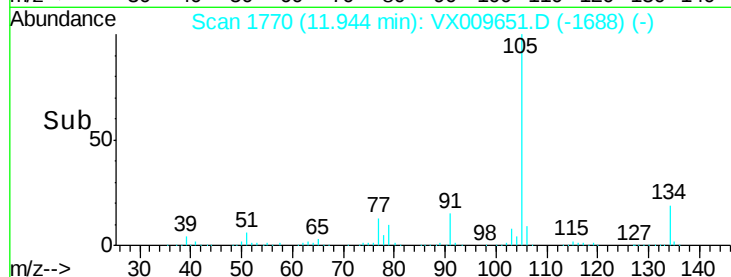
Tot Ion:105 Resp: 206591
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

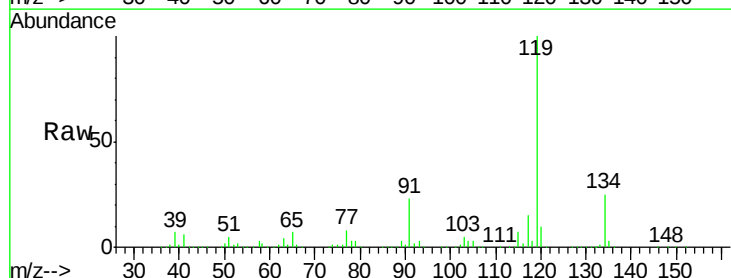


Time-->

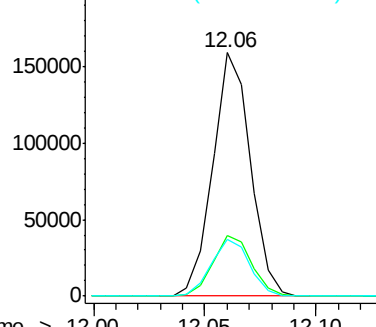


#82
 p-Isopropyltoluene
 Concen: 19.659 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

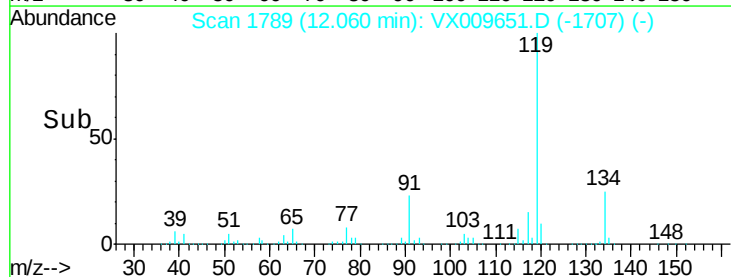
Tgt Ion:119 Resp: 187620
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 23.8 0.0 47.2

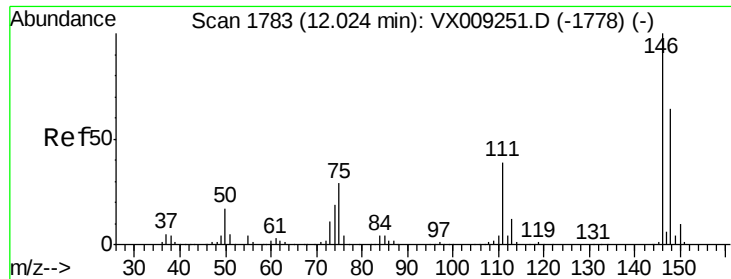


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

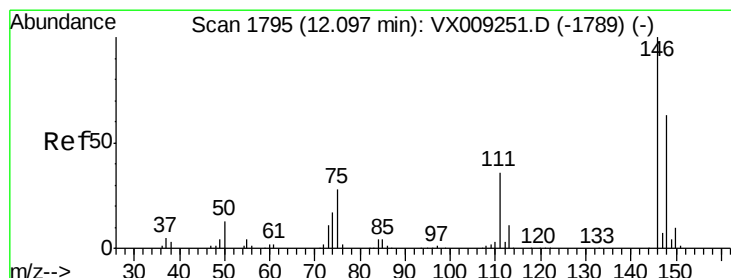
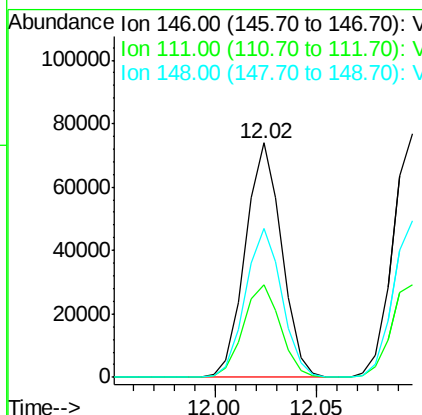
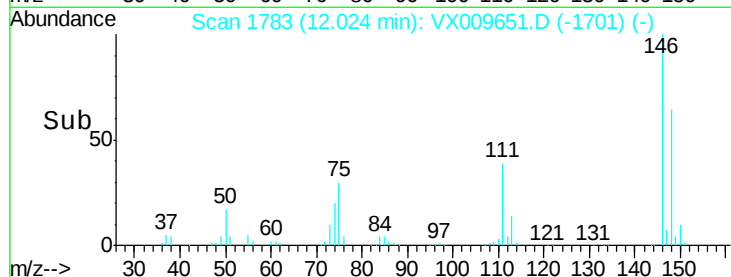
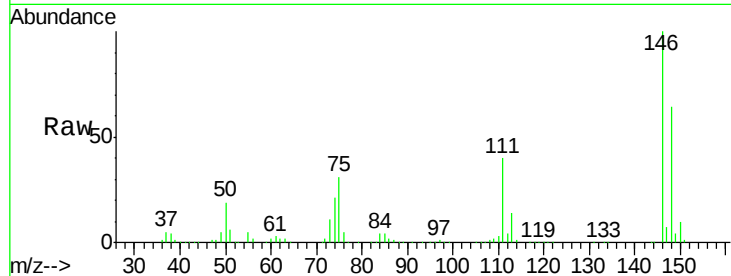




#83
 1,3-Dichlorobenzene
 Concen: 19.215 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

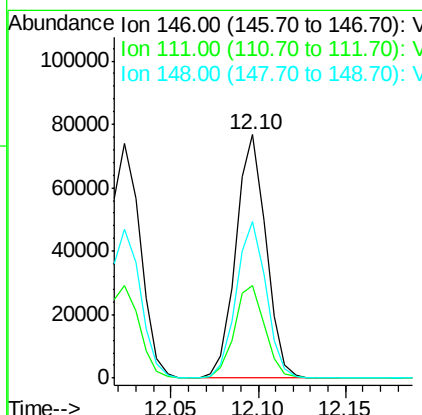
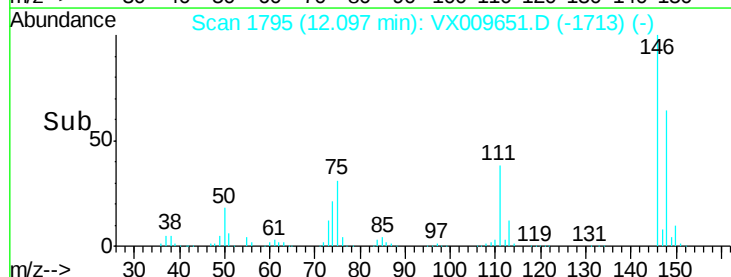
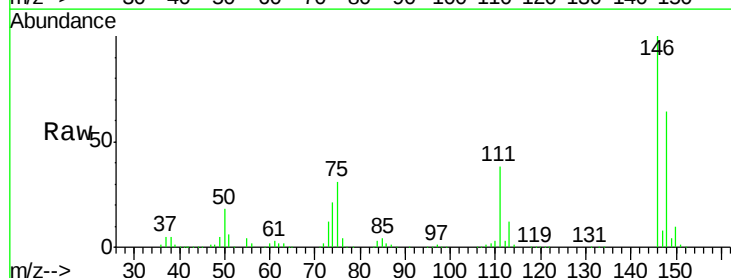
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

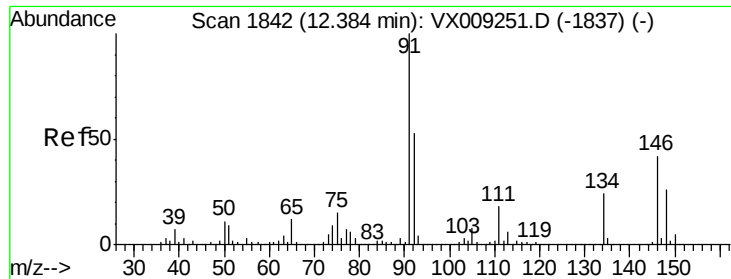
Tot Ion:146 Resp: 91431
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 63.7 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion:146 Resp: 92377
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.7
 148 63.3 32.3 96.8

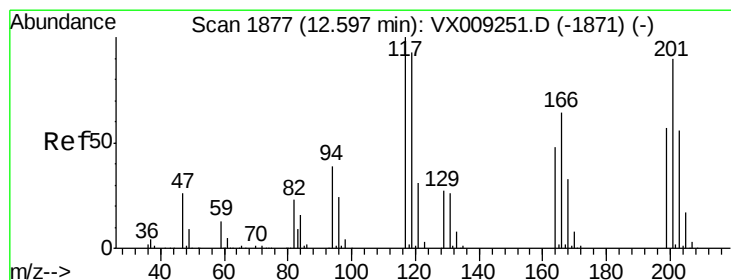
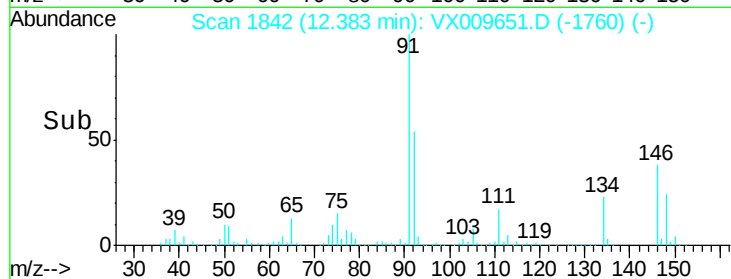
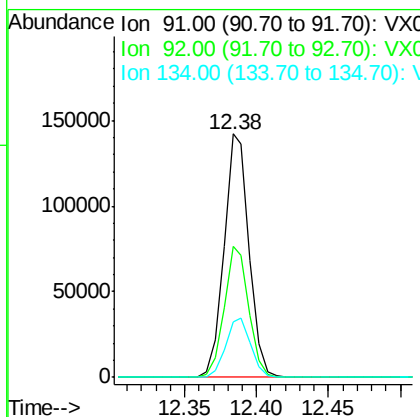
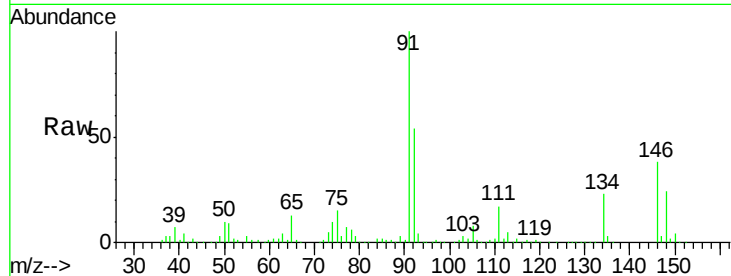




#85
n-Butylbenzene
Concen: 19.795 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

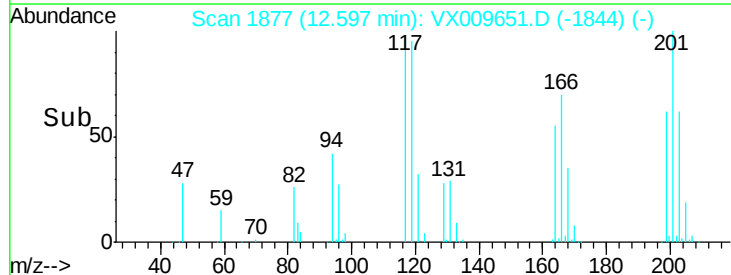
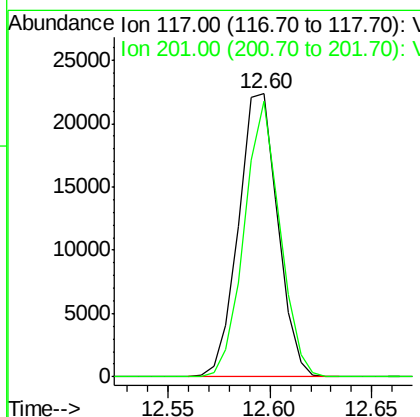
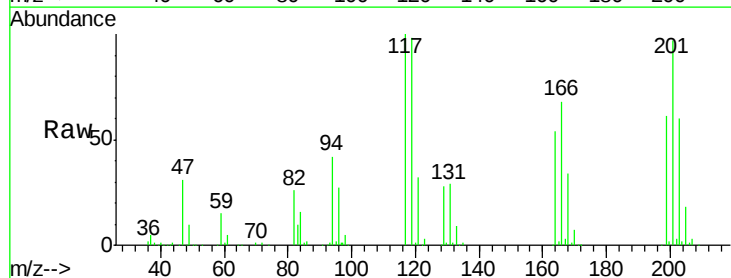
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

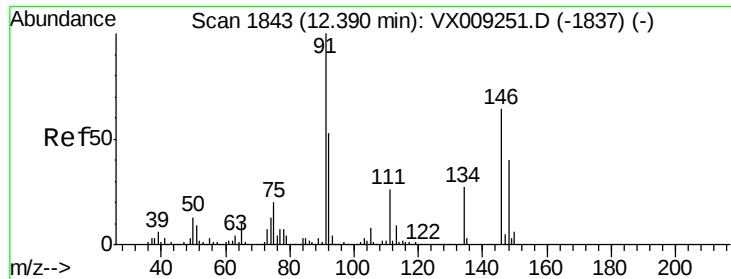
Tot Ion: 91 Resp: 172864
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.6
134 24.5 0.0 50.0



#86
Hexachloroethane
Concen: 18.430 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009651.D
Acq: 17 May 2019 09:45

Tgt Ion: 117 Resp: 29930
Ion Ratio Lower Upper
117 100
201 88.2 41.8 125.4





#87

1,2-Dichlorobenzene

Concen: 19.386 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

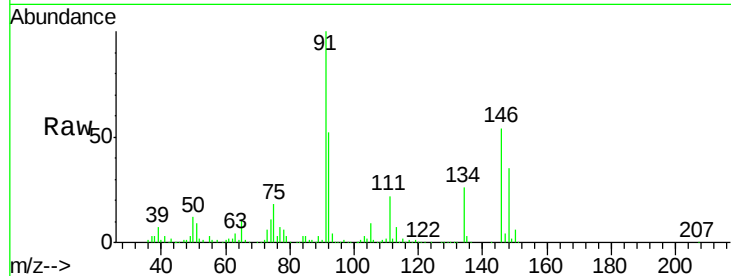
Tot Ion:146 Resp: 92856

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.2

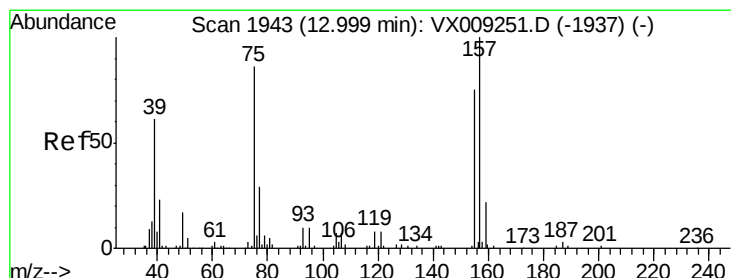
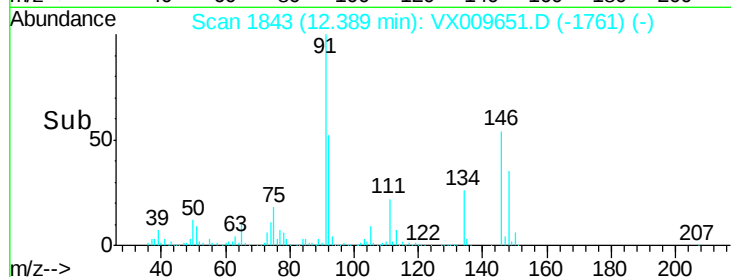
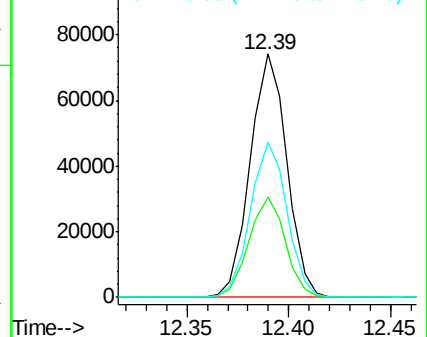
148 63.9 31.4 94.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.363 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

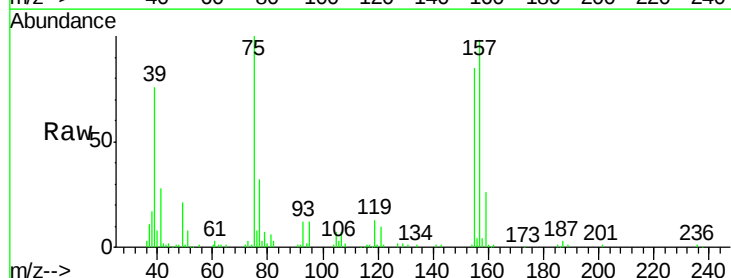
Tgt Ion: 75 Resp: 17770

Ion Ratio Lower Upper

75 100

155 80.9 65.9 98.9

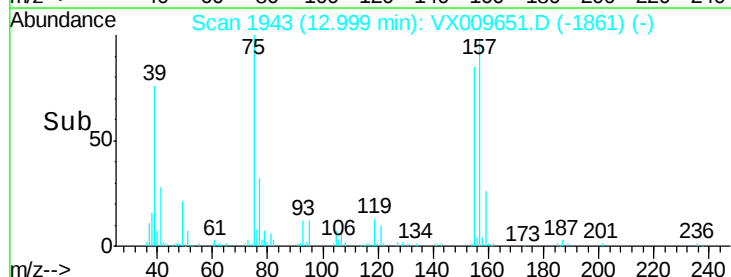
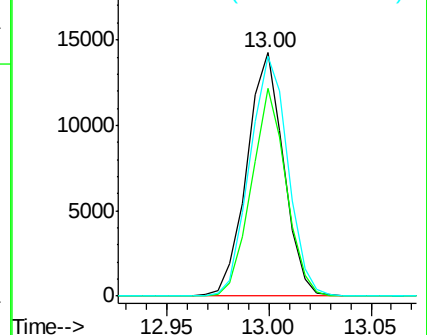
157 102.5 85.2 127.8

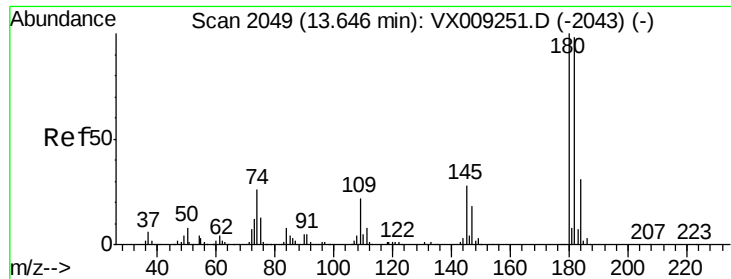


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

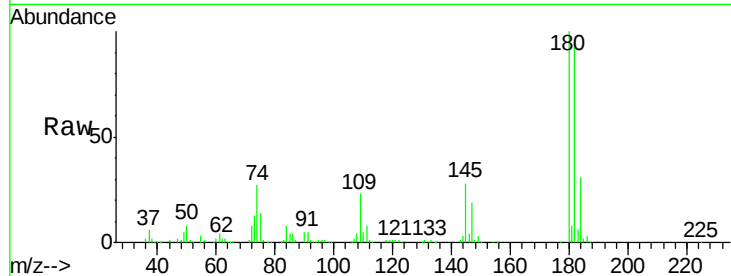




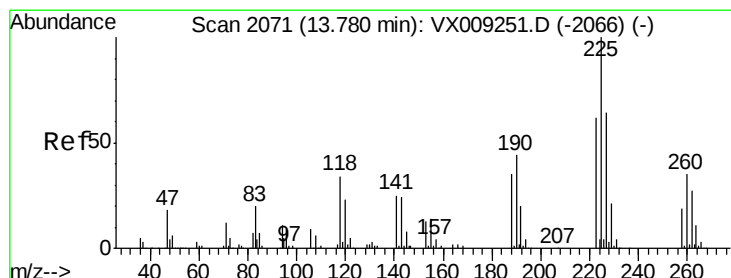
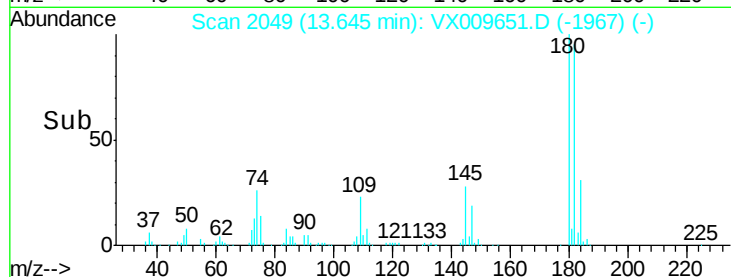
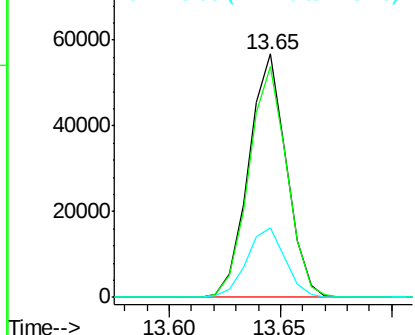
#89
 1,2,4-Trichlorobenzene
 Concen: 19.657 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:180 Resp: 67107
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.9 115.3
 145 29.0 23.0 34.6

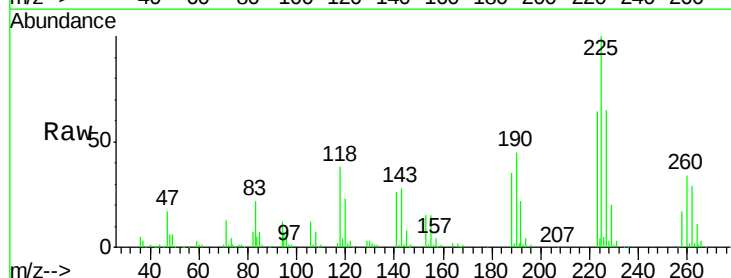


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

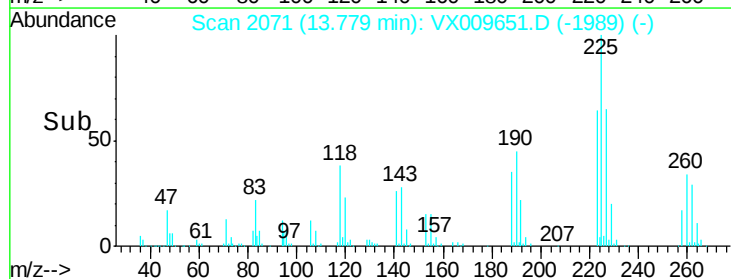
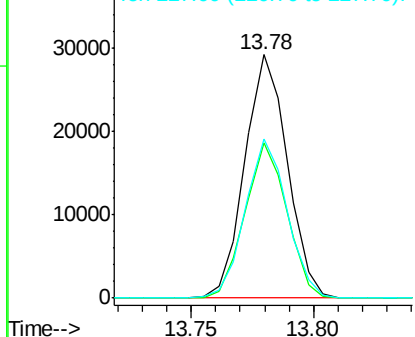


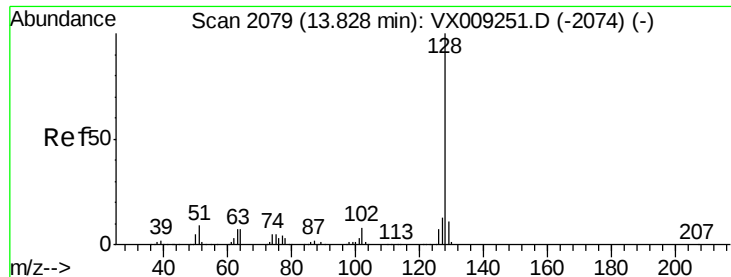
#90
 Hexachlorobutadiene
 Concen: 20.753 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009651.D
 Acq: 17 May 2019 09:45

Tgt Ion:225 Resp: 35390
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 126.6
 227 64.5 0.0 130.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.414 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

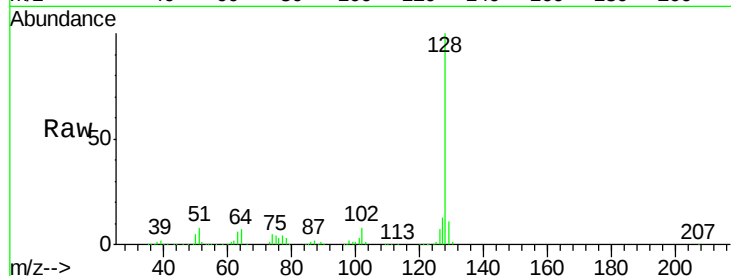
Tot Ion:128 Resp: 217003

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

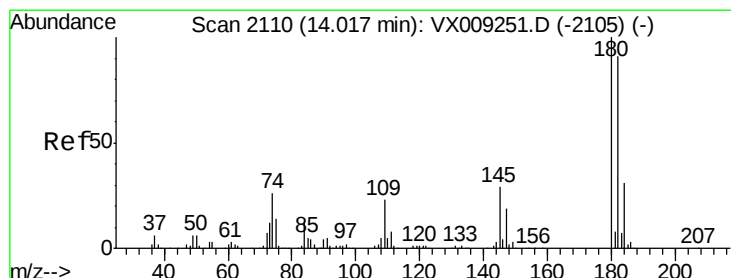
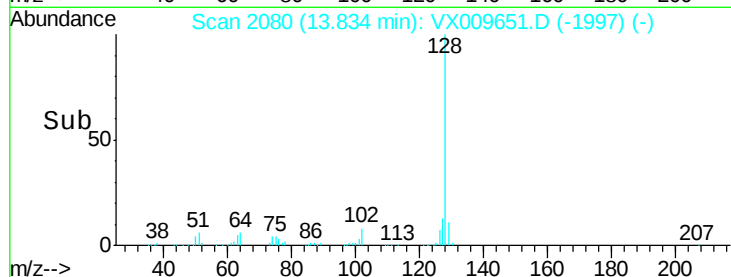
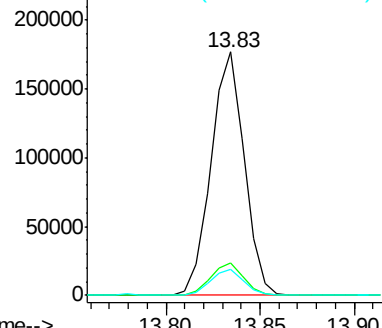
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 20.044 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009651.D

Acq: 17 May 2019 09:45

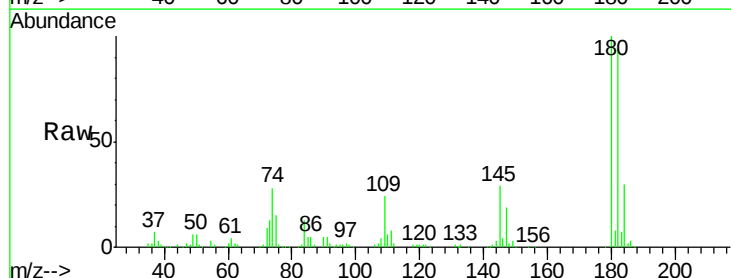
Tgt Ion:180 Resp: 69561

Ion Ratio Lower Upper

180 100

182 95.4 0.0 189.0

145 30.0 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

