

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
 Data File : VX008846.D
 Acq On : 11 Apr 2019 12:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 12 07:32:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112373	40.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.76%	
35) Dibromofluoromethane	5.49	113	83880	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
50) Toluene-d8	8.71	98	339990	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	11.13	95	128210	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136564	62.949	ug/l	98
3) Chloromethane	1.32	50	160006	60.537	ug/l	100
4) Vinyl Chloride	1.40	62	145946	49.765	ug/l	99
5) Bromomethane	1.64	94	80028	55.191	ug/l	99
6) Chloroethane	1.71	64	83006	51.944	ug/l	98
7) Trichlorofluoromethane	1.92	101	163809	50.529	ug/l	99
8) Diethyl Ether	2.18	74	72228	46.982	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107868	51.681	ug/l	98
10) Methyl Iodide	2.51	142	117100	60.673	ug/l	99
11) Tert butyl alcohol	3.06	59	147232	228.777	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105528	48.432	ug/l	98
13) Acrolein	2.29	56	98215	307.776	ug/l	98
14) Allyl chloride	2.72	41	246363	49.391	ug/l	99
15) Acrylonitrile	3.14	53	393143	230.595	ug/l	99
16) Acetone	2.45	43	330159	208.524	ug/l	99
17) Carbon Disulfide	2.56	76	325559	51.768	ug/l	100
18) Methyl Acetate	2.77	43	170345	44.361	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	388087	49.874	ug/l	98
20) Methylene Chloride	2.85	84	123604	46.638	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	113228	48.043	ug/l	95
22) Diisopropyl ether	3.85	45	468802	48.763	ug/l	99
23) Vinyl Acetate	3.81	43	2114357	252.809	ug/l	99
24) 1,1-Dichloroethane	3.69	63	231370	48.608	ug/l	99
25) 2-Butanone	4.67	43	578755	231.274	ug/l	99
26) 2,2-Dichloropropane	4.57	77	174154	51.947	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	128302	47.350	ug/l	99
28) Bromochloromethane	5.01	49	106506	53.795	ug/l	99
29) Tetrahydrofuran	5.12	42	380435	229.047	ug/l	99
30) Chloroform	5.21	83	207441	48.793	ug/l	99
31) Cyclohexane	5.57	56	238384	50.191	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	173603	50.531	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168458	51.571	ug/l	99
37) Ethyl Acetate	4.83	43	221253	50.745	ug/l	99
38) Carbon Tetrachloride	5.78	117	146236	54.090	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220210	54.572	ug/l	99
40) Benzene	6.14	78	501464	51.531	ug/l	99
41) Methacrylonitrile	5.04	41	125206	49.958	ug/l	99
42) 1,2-Dichloroethane	6.19	62	175469	50.297	ug/l	100
43) Isopropyl Acetate	6.44	43	359069	52.571	ug/l	99
44) Trichloroethene	7.21	130	119531	52.738	ug/l	98
45) 1,2-Dichloropropane	7.51	63	141609	50.983	ug/l	100
46) Dibromomethane	7.66	93	79570	49.394	ug/l	97
47) Bromodichloromethane	7.90	83	160666	52.896	ug/l	98
48) Methyl methacrylate	7.77	41	183222	53.031	ug/l	99
49) 1,4-Dioxane	7.74	88	59964	926.482	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1145843	260.608	ug/l	100
52) Toluene	8.78	92	305842	53.309	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	193371	56.833	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	213328	54.872	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	118839	51.604	ug/l	99
56) Ethyl methacrylate	9.18	69	227080	54.498	ug/l	99
57) 1,3-Dichloropropane	9.37	76	214334	51.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	461140	216.741	ug/l	99
59) 2-Hexanone	9.49	43	872080	255.221	ug/l	99
60) Dibromochloromethane	9.58	129	119918	55.259	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123457	51.496	ug/l	99
64) Tetrachloroethene	9.34	164	108746	53.088	ug/l	98
65) Chlorobenzene	10.13	112	314188	51.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	111963	52.075	ug/l	99
67) Ethyl Benzene	10.25	91	596194	52.170	ug/l	99
68) m/p-Xylenes	10.36	106	435503	105.988	ug/l	99
69) o-Xylene	10.69	106	212087	53.261	ug/l	98
70) Styrene	10.71	104	371542	54.128	ug/l	100
71) Bromoform	10.85	173	89131	54.279	ug/l #	99
73) Isopropylbenzene	11.02	105	568116	51.366	ug/l	100
74) N-amyl acetate	10.90	43	320212	49.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189046	44.943	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	231813	63.229	ug/l	80
77) Bromobenzene	11.26	156	136698	51.412	ug/l	97
78) n-propylbenzene	11.36	91	675290	52.437	ug/l	100
79) 2-Chlorotoluene	11.42	91	390500	50.107	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	481506	51.864	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68560	51.548	ug/l	97
82) 4-Chlorotoluene	11.51	91	457278	50.691	ug/l	99
83) tert-Butylbenzene	11.77	119	456568	51.116	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	484628	51.552	ug/l	100
85) sec-Butylbenzene	11.94	105	560837	52.861	ug/l	100
86) p-Isopropyltoluene	12.06	119	513472	53.922	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	245440	51.563	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242119	50.232	ug/l	100
89) n-Butylbenzene	12.38	91	488444	54.694	ug/l	100
90) Hexachloroethane	12.60	117	83169	52.658	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	238109	50.382	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42769	46.221	ug/l	99

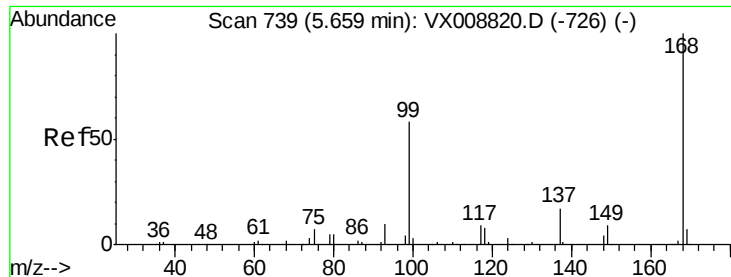
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173497	52.799	ug/l	98
94) Hexachlorobutadiene	13.78	225	88956	56.447	ug/l	99
95) Naphthalene	13.83	128	546957	49.803	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	173740	52.919	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

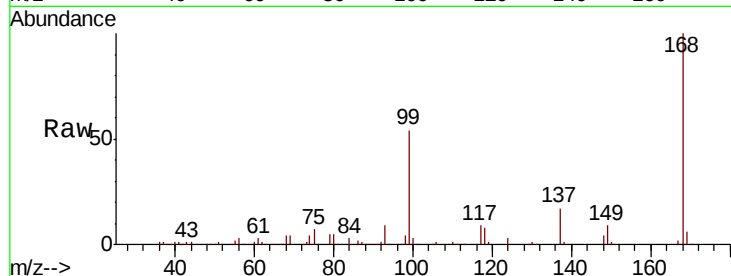
VSTDCCC050

Tgt Ion:168 Resp: 188470

Ion Ratio Lower Upper

168 100

99 54.0 46.7 70.1

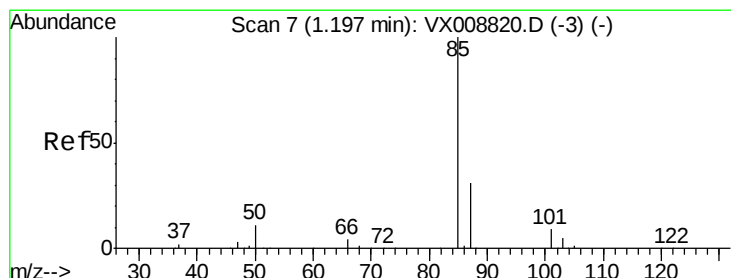
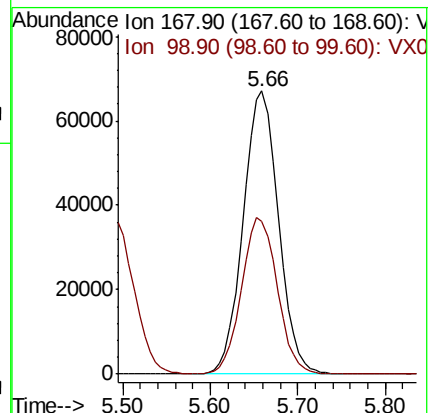
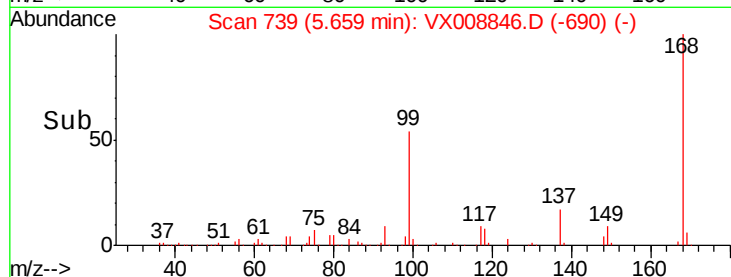


Abundance Ion 167.90 (167.60 to 168.60): VX008820.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008820.D (-726) (-)

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 62.949 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008846.D

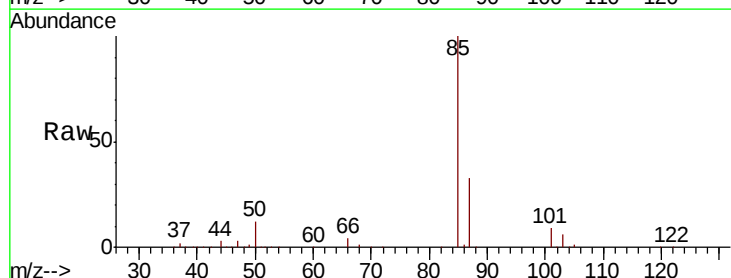
Acq: 11 Apr 2019 12:40

Tgt Ion: 85 Resp: 136564

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.3

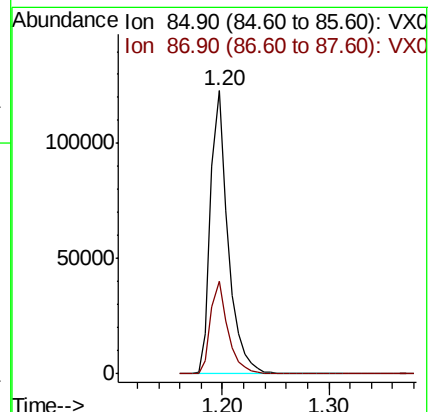
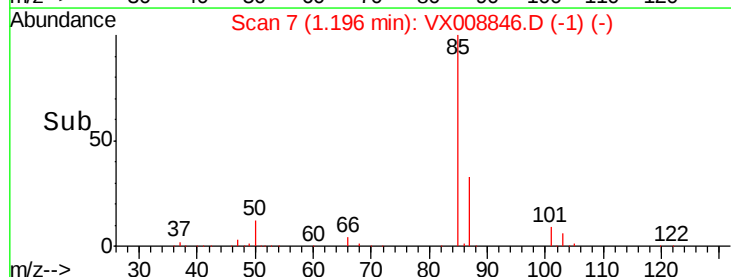


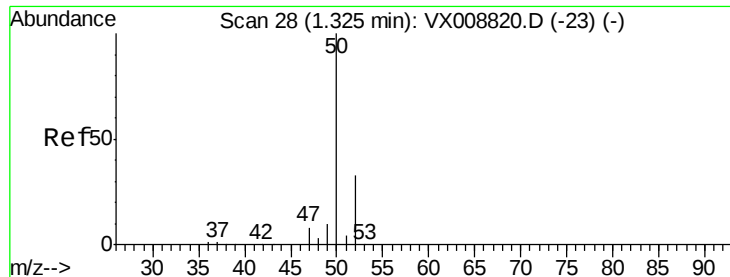
Abundance Ion 84.90 (84.60 to 85.60): VX008820.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008820.D (-3) (-)

1.20

Time-->





#3

Chloromethane

Concen: 60.537 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

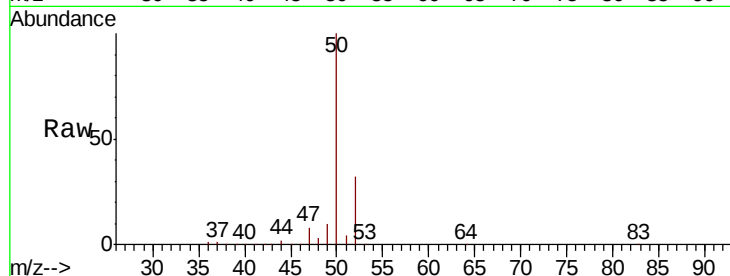
VSTDCCC050

Tgt Ion: 50 Resp: 160006

Ion Ratio Lower Upper

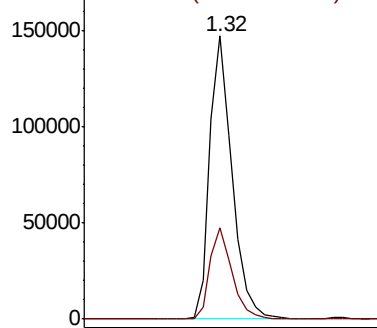
50 100

52 32.1 25.8 38.8

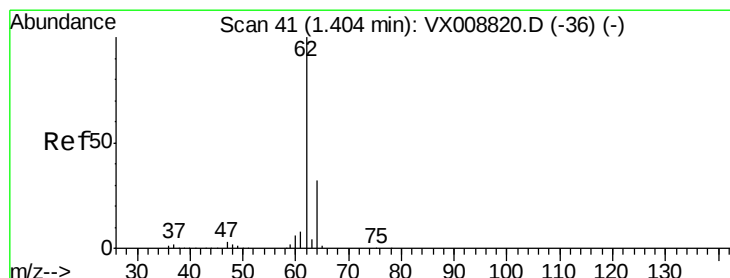
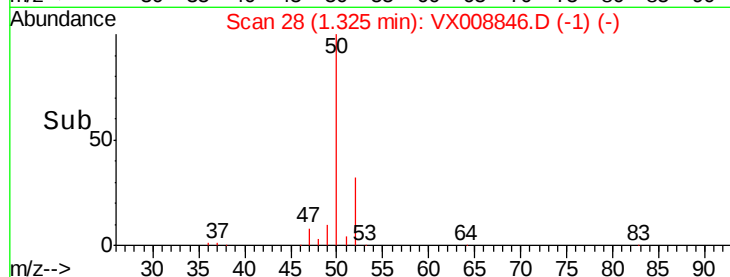


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 49.765 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008846.D

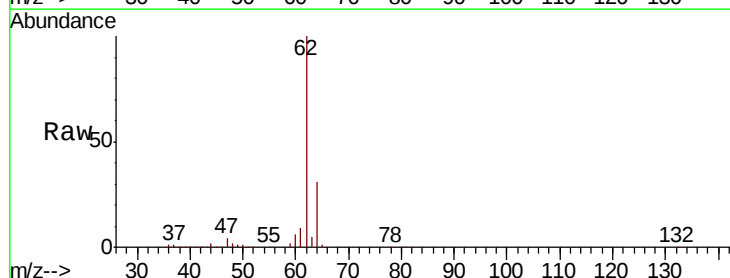
Acq: 11 Apr 2019 12:40

Tgt Ion: 62 Resp: 145946

Ion Ratio Lower Upper

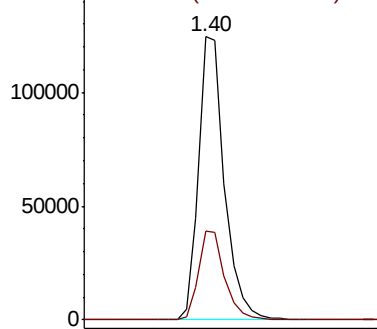
62 100

64 31.2 24.7 37.1

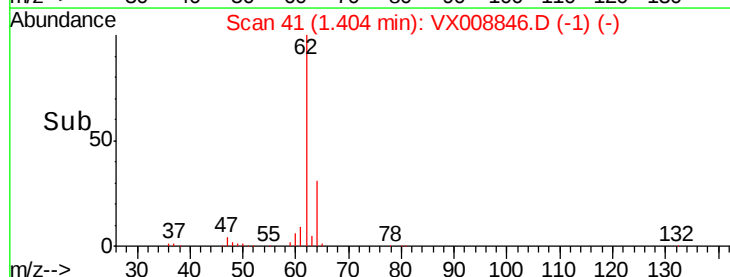


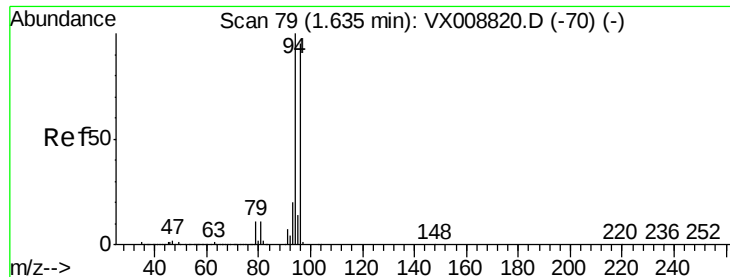
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 55.191 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

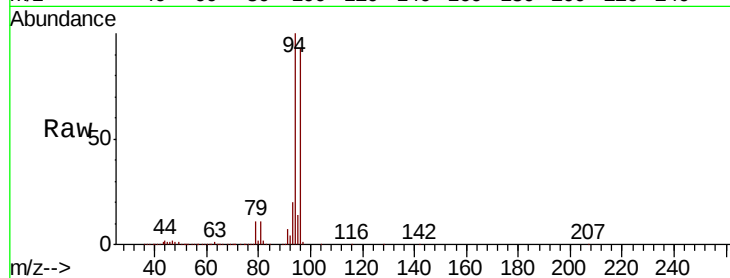
VSTDCCC050

Tgt Ion: 94 Resp: 80028

Ion Ratio Lower Upper

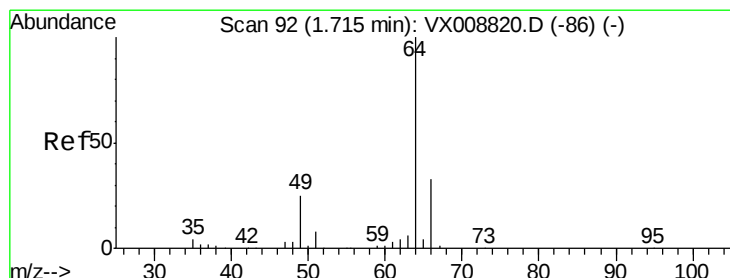
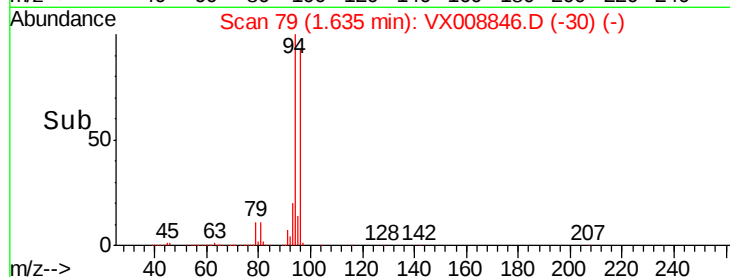
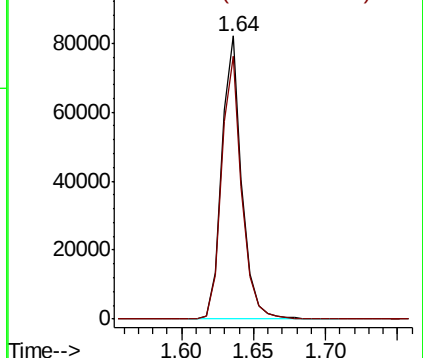
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.944 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008846.D

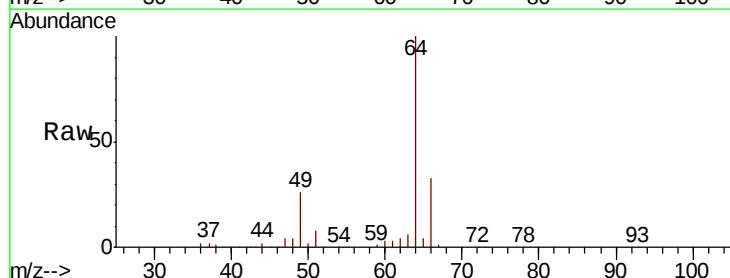
Acq: 11 Apr 2019 12:40

Tgt Ion: 64 Resp: 83006

Ion Ratio Lower Upper

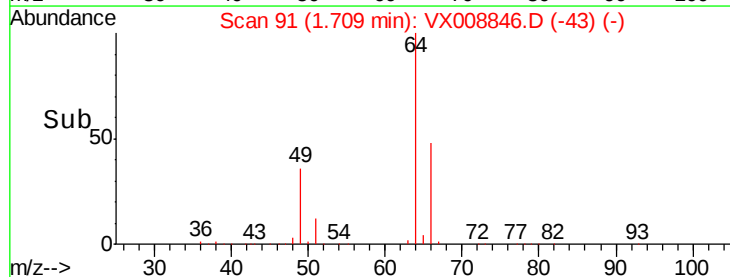
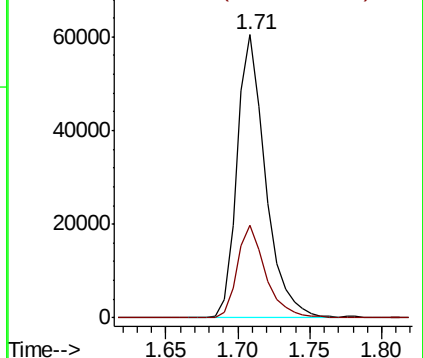
64 100

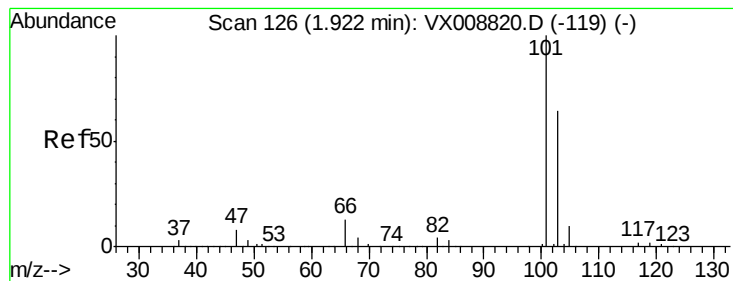
66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



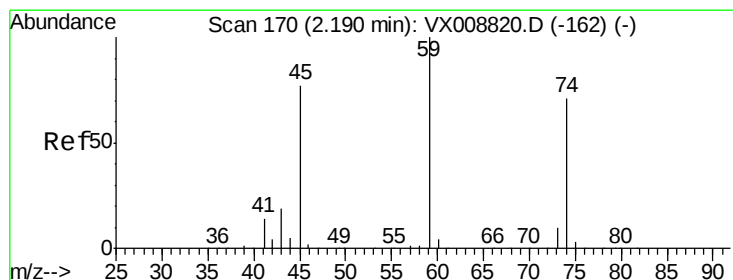
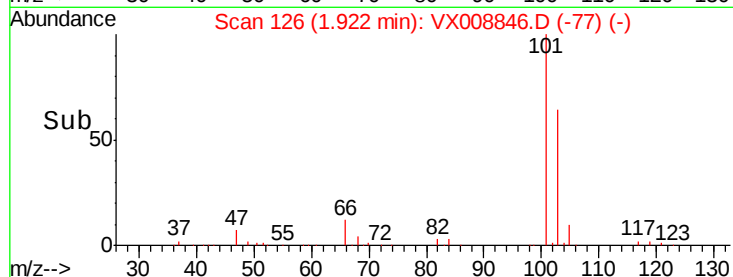
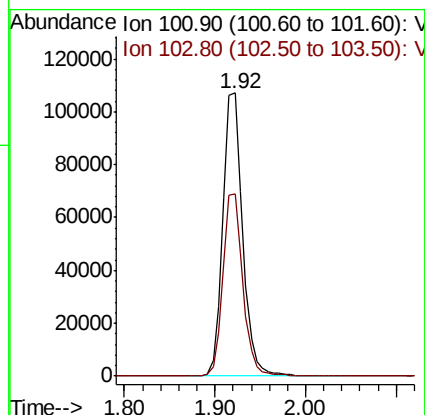
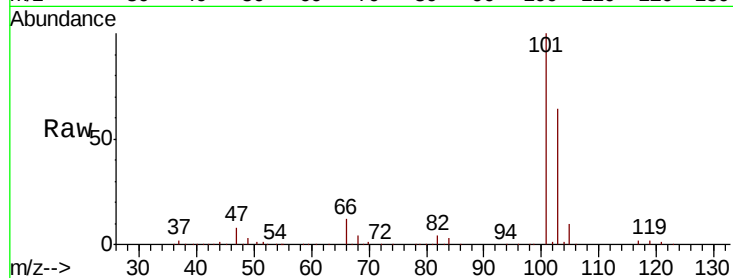


#7

Trichlorofluoromethane
 Concen: 50.529 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

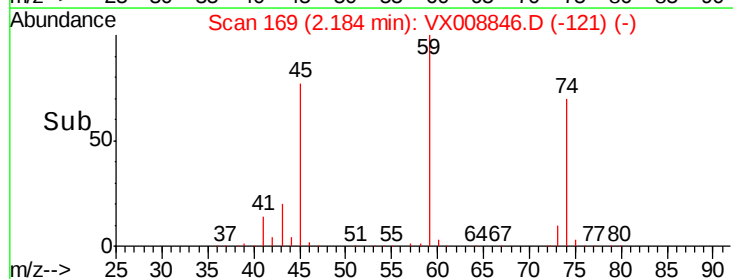
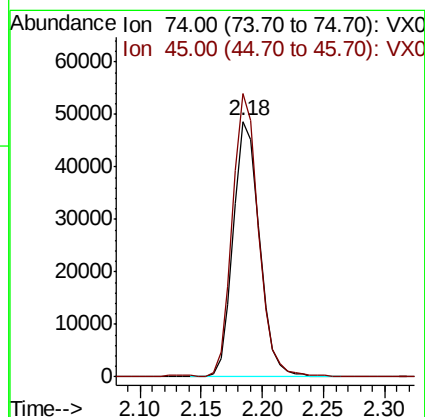
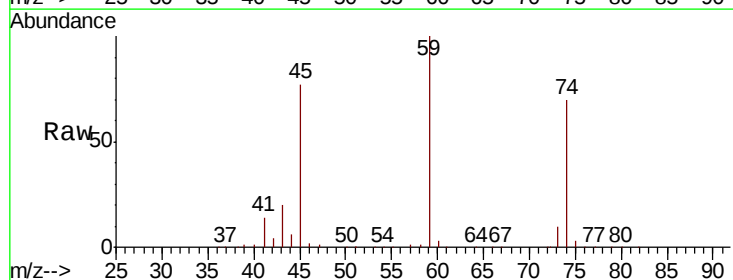
Tgt Ion: 101 Resp: 163809
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

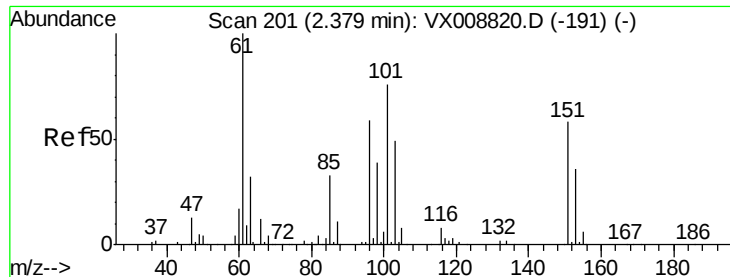


#8

Diethyl Ether
 Concen: 46.982 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 74 Resp: 72228
 Ion Ratio Lower Upper
 74 100
 45 109.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.681 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

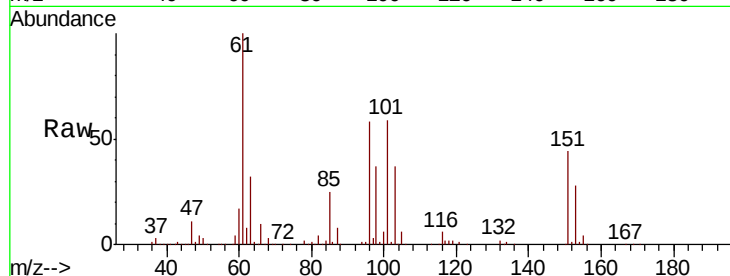
Tgt Ion:101 Resp: 107868

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

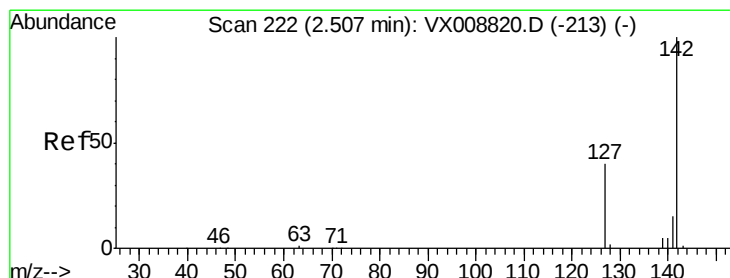
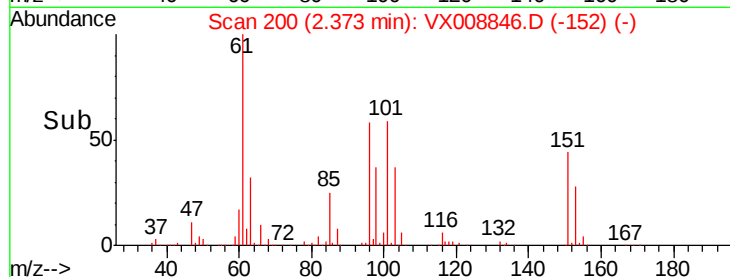
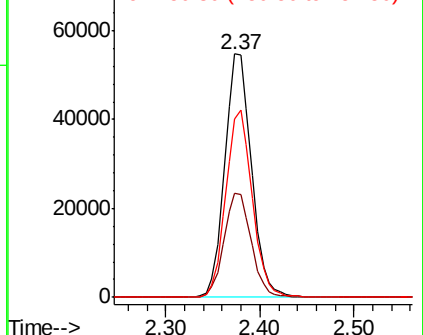
151 76.4 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.673 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

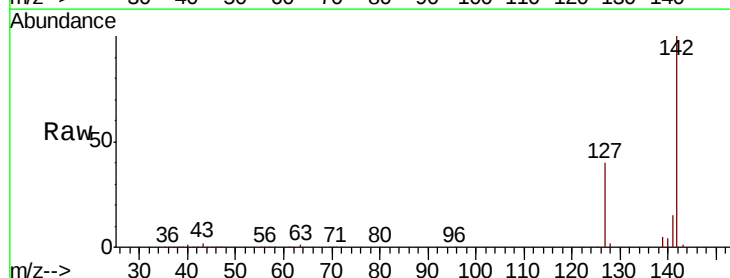
Tgt Ion:142 Resp: 117100

Ion Ratio Lower Upper

142 100

127 40.6 33.0 49.6

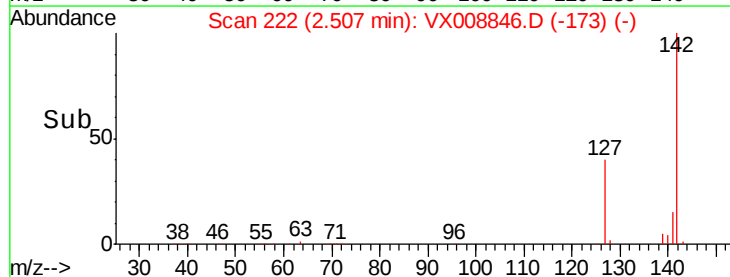
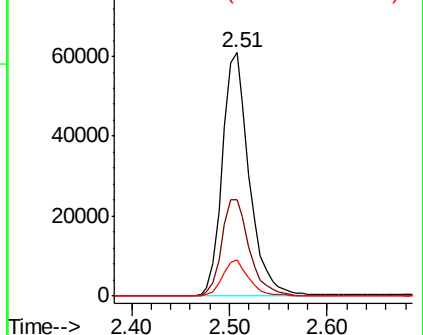
141 14.4 11.4 17.2

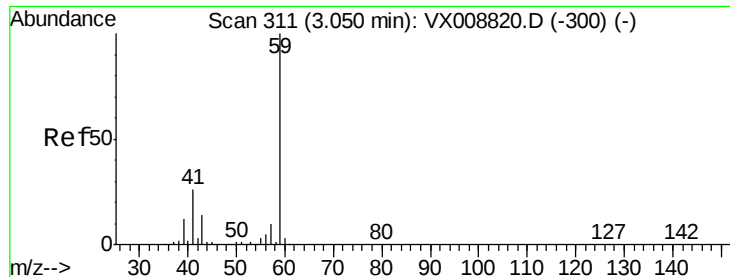


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

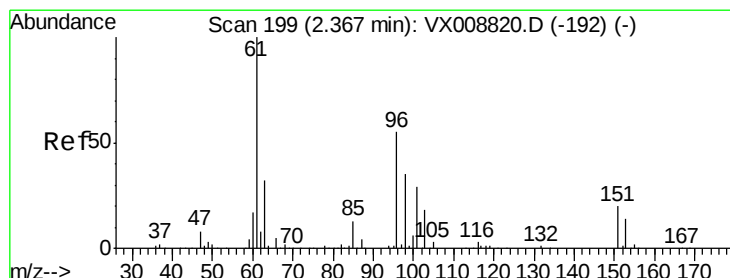
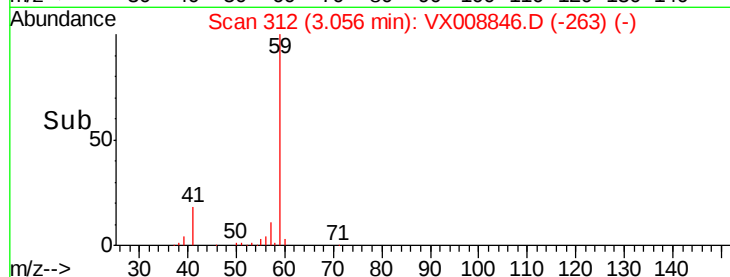
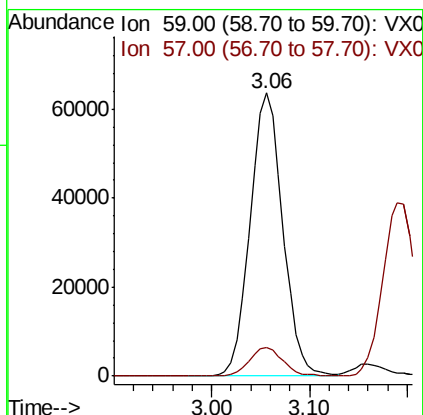
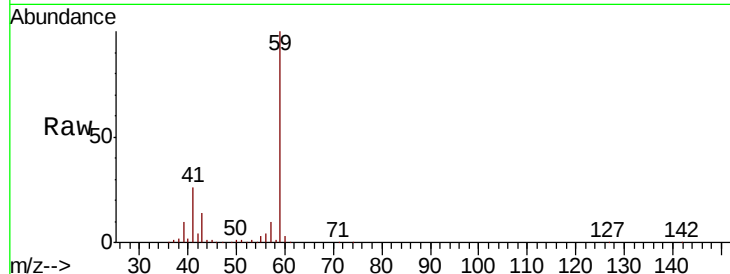




#11
Tert butyl alcohol
Concen: 228.777 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

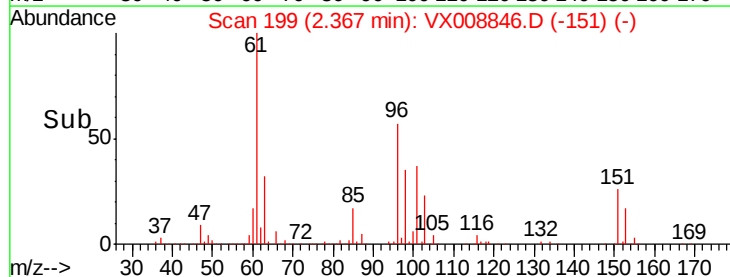
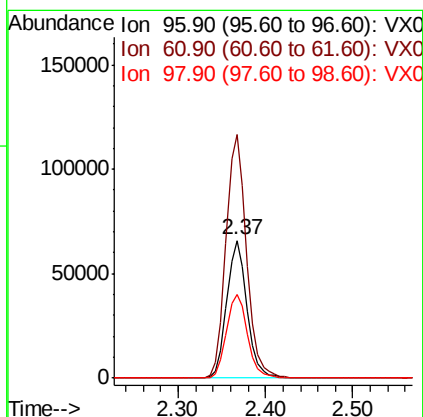
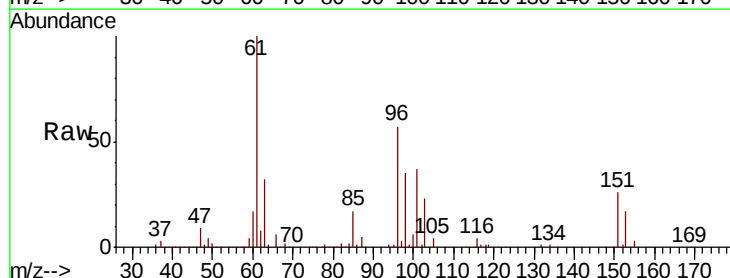
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

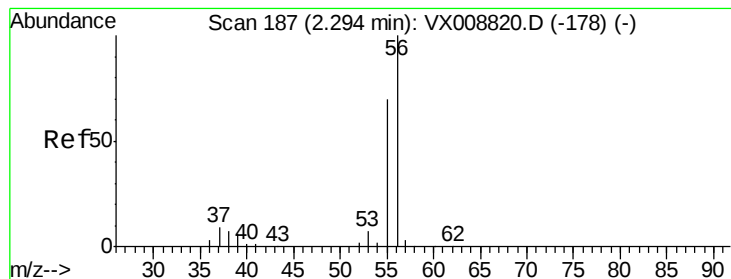
Tgt Ion: 59 Resp: 147232
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.432 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 96 Resp: 105528
Ion Ratio Lower Upper
96 100
61 176.7 140.9 211.3
98 61.1 52.1 78.1





#13

Acrolein

Concen: 307.776 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

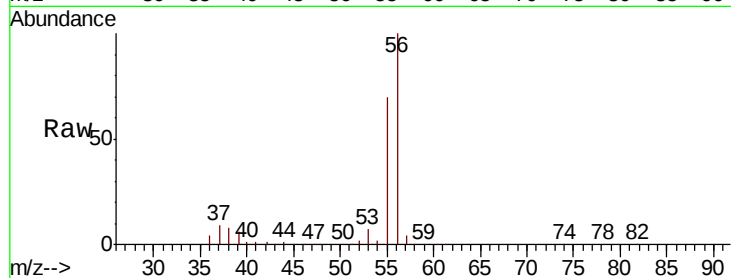
VSTDCCC050

Tgt Ion: 56 Resp: 98215

Ion Ratio Lower Upper

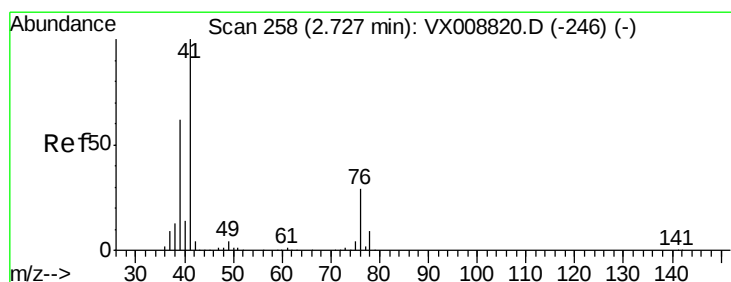
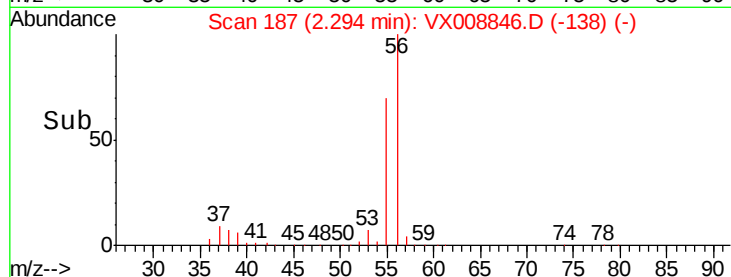
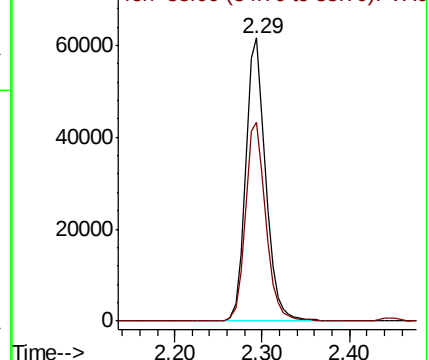
56 100

55 71.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.391 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

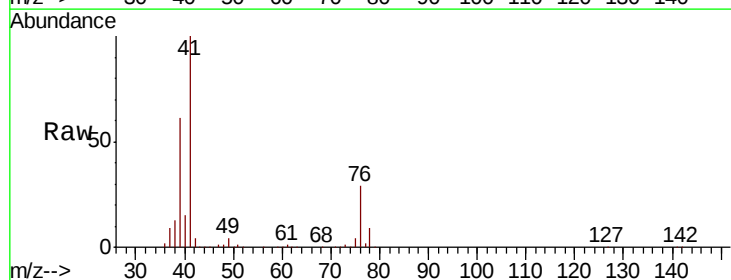
Tgt Ion: 41 Resp: 246363

Ion Ratio Lower Upper

41 100

39 59.3 48.0 72.0

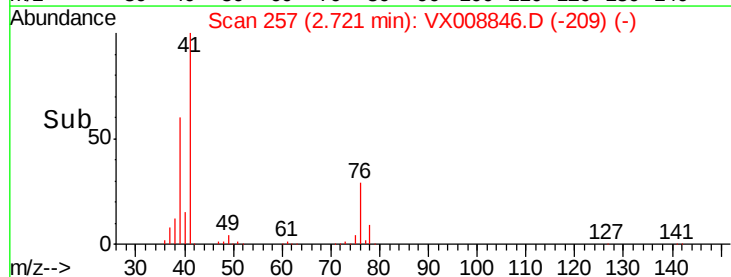
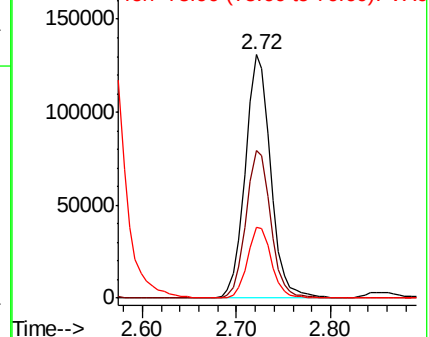
76 27.8 22.0 33.0

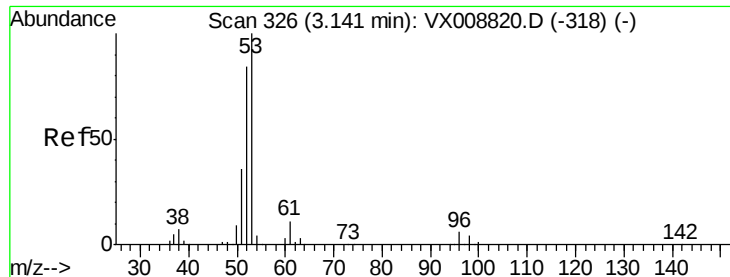


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.595 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

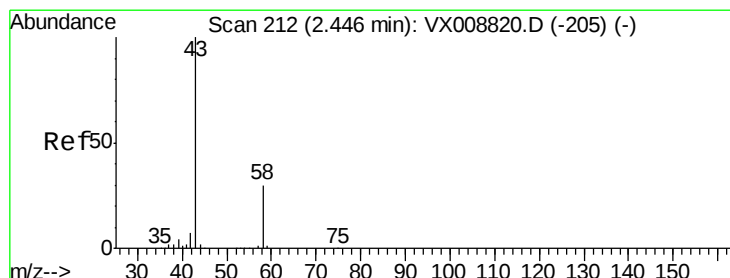
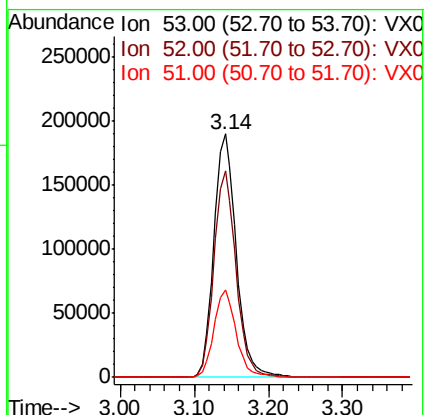
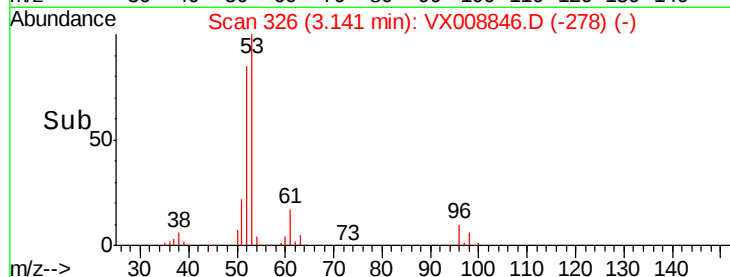
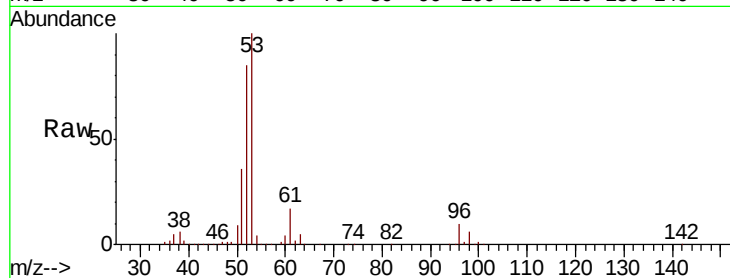
Tgt Ion: 53 Resp: 393143

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 35.8 28.6 42.8



#16

Acetone

Concen: 208.524 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008846.D

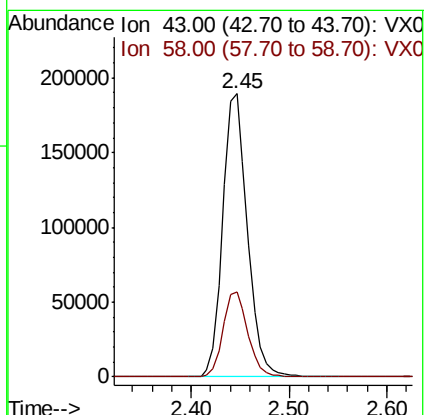
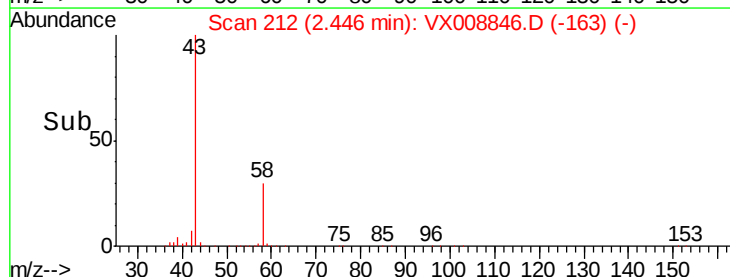
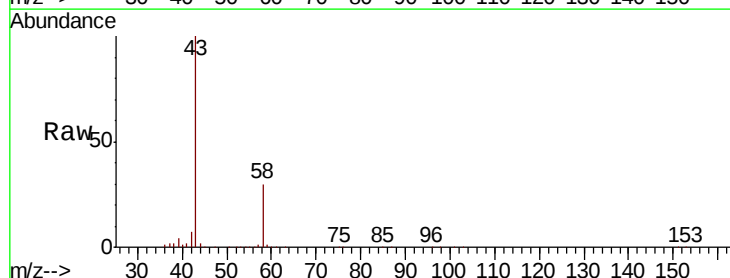
Acq: 11 Apr 2019 12:40

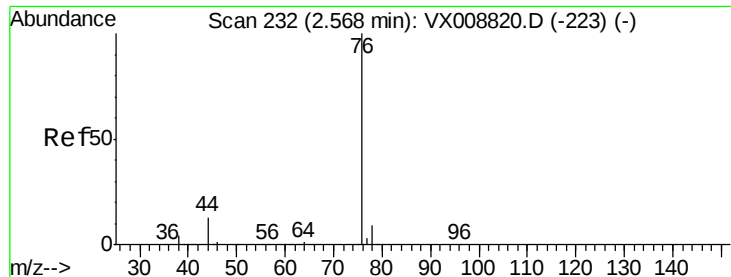
Tgt Ion: 43 Resp: 330159

Ion Ratio Lower Upper

43 100

58 30.2 24.8 37.2

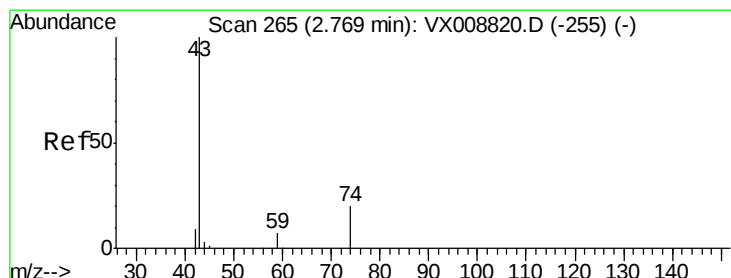
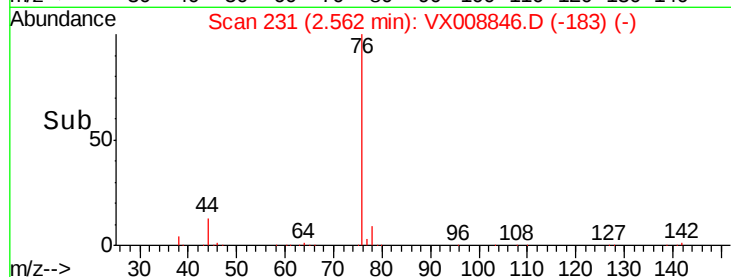
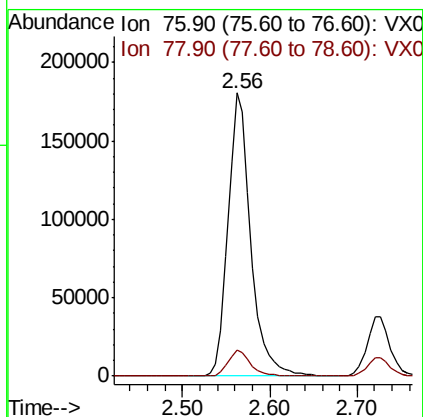
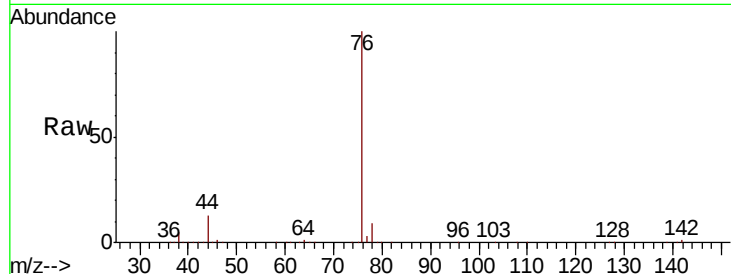




#17
Carbon Disulfide
Concen: 51.768 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

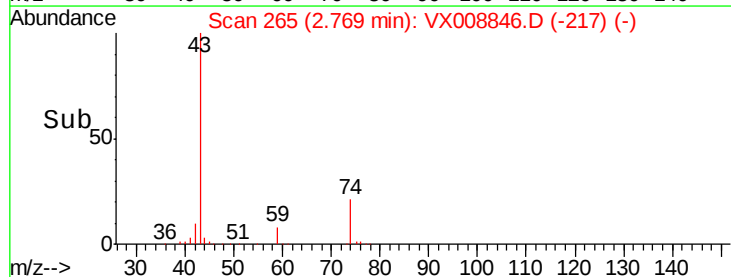
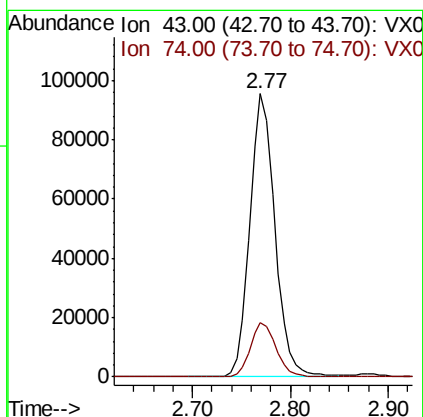
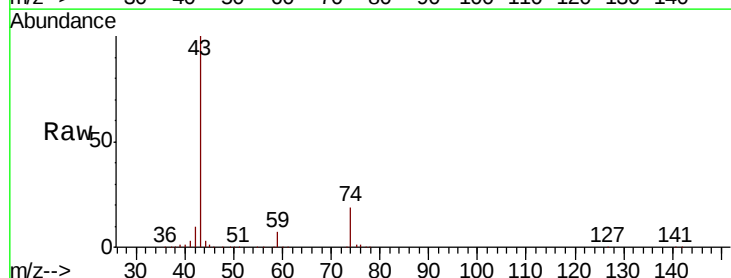
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

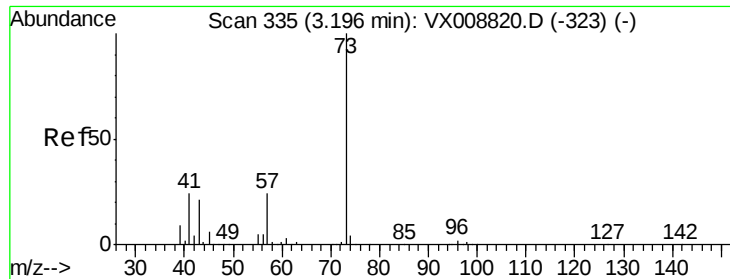
Tgt Ion: 76 Resp: 325559
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 44.361 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 43 Resp: 170345
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7

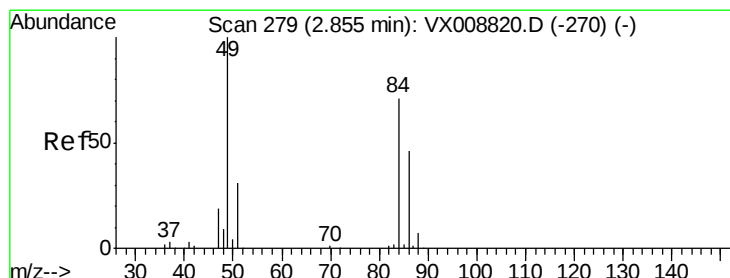
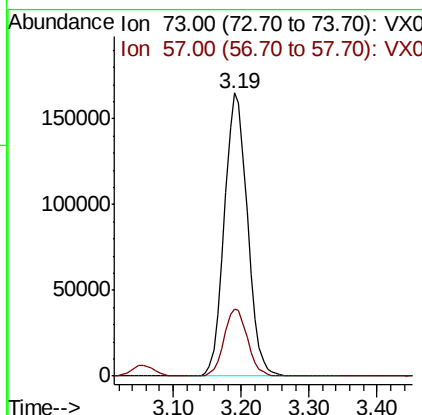
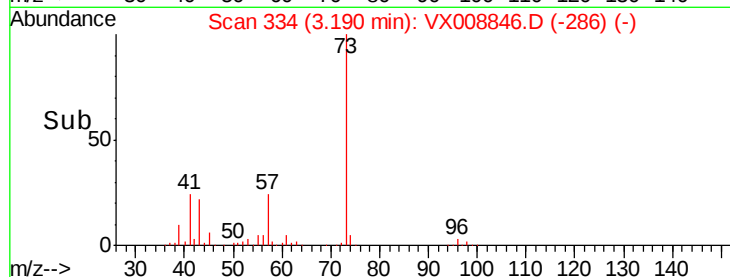
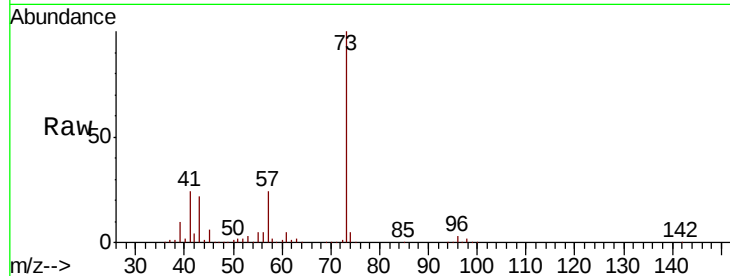




#19
Methyl tert-butyl Ether
Concen: 49.874 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

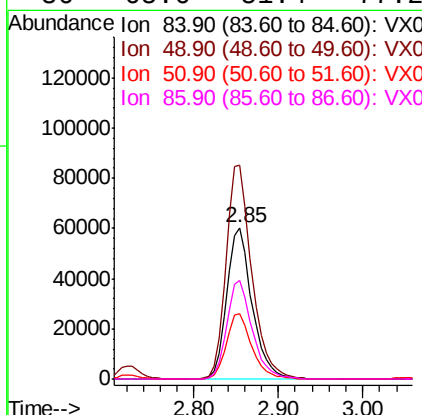
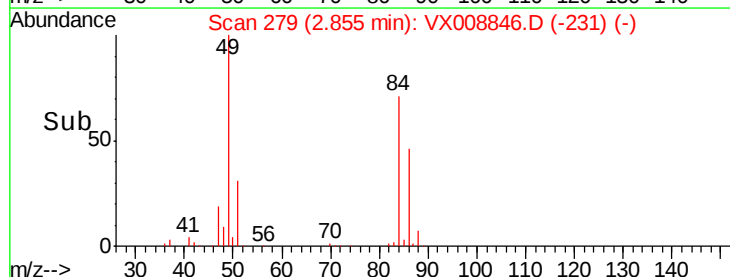
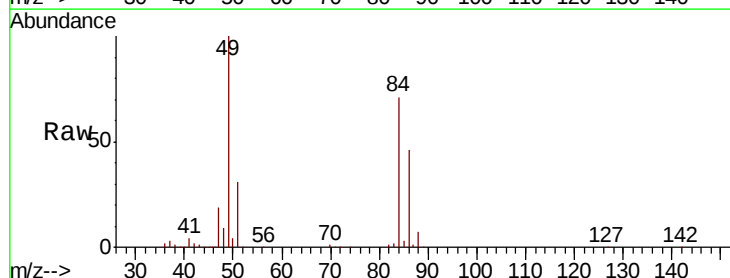
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

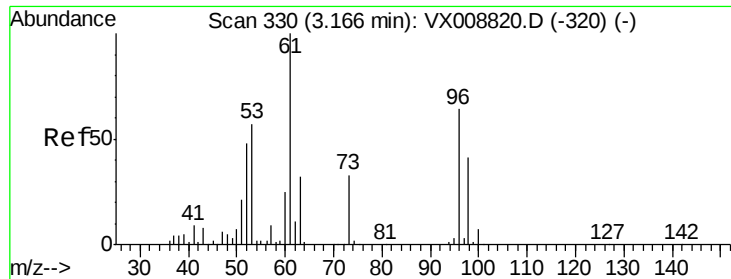
Tgt Ion: 73 Resp: 388087
Ion Ratio Lower Upper
73 100
57 23.5 19.5 29.3



#20
Methylene Chloride
Concen: 46.638 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 84 Resp: 123604
Ion Ratio Lower Upper
84 100
49 141.4 109.7 164.5
51 43.2 33.6 50.4
86 65.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.043 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

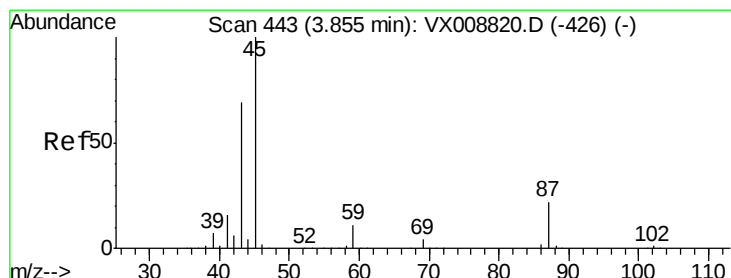
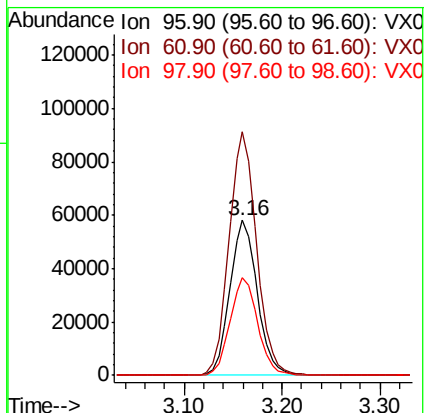
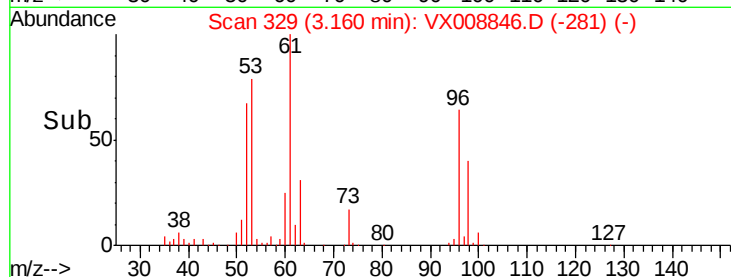
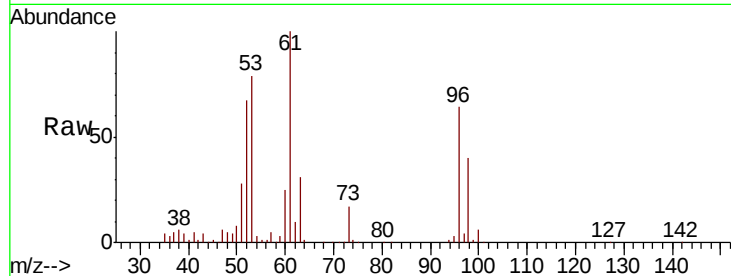
Tgt Ion: 96 Resp: 113228

Ion Ratio Lower Upper

96 100

61 157.1 132.1 198.1

98 63.5 52.2 78.2



#22

Diisopropyl ether

Concen: 48.763 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Tgt Ion: 45 Resp: 468802

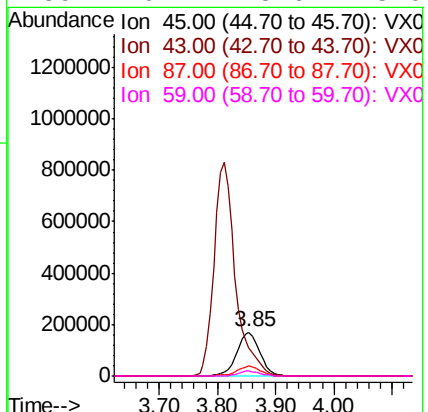
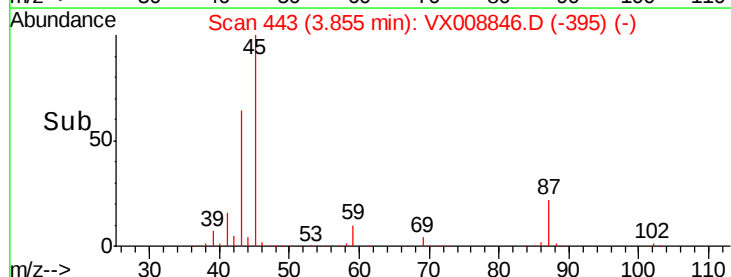
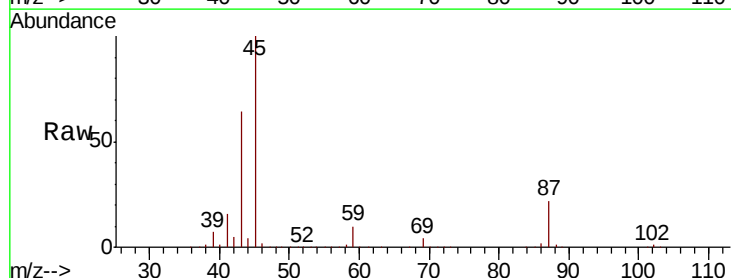
Ion Ratio Lower Upper

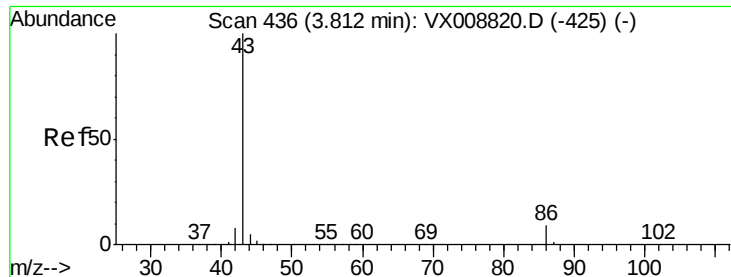
45 100

43 63.6 51.3 76.9

87 22.4 18.1 27.1

59 10.4 8.6 13.0

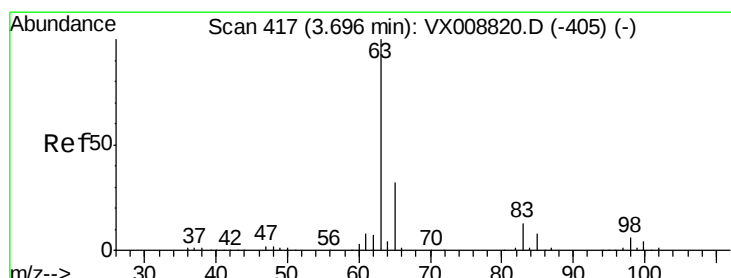
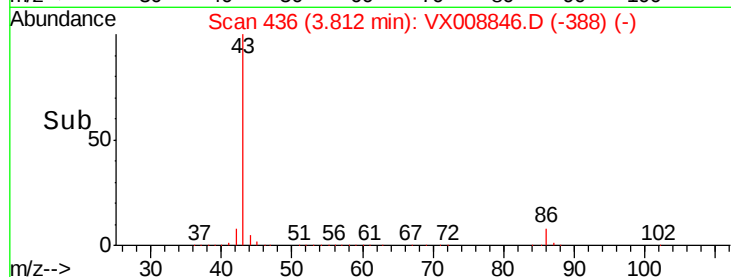
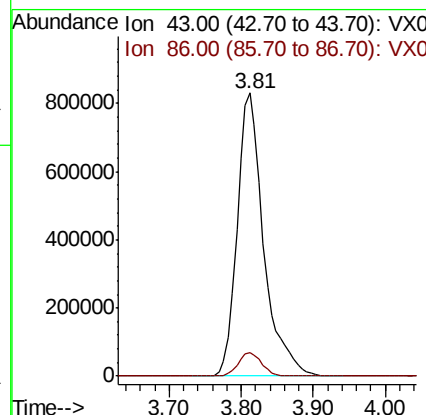
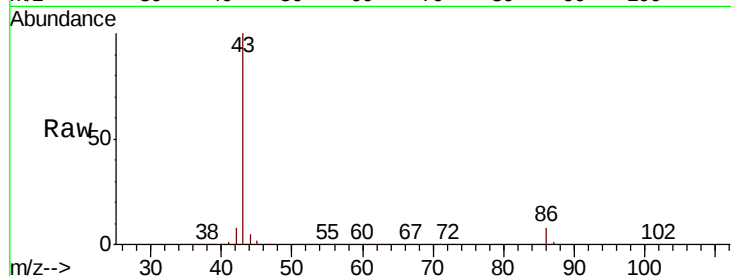




#23
 Vinyl Acetate
 Concen: 252.809 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

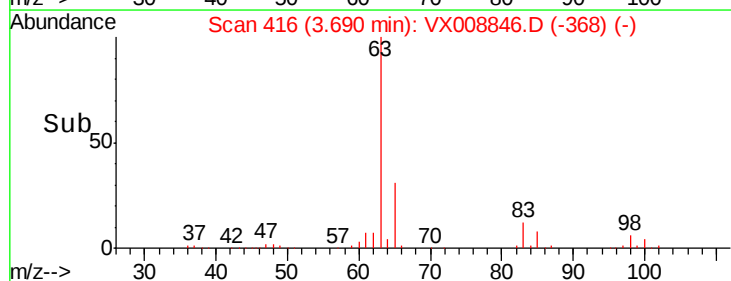
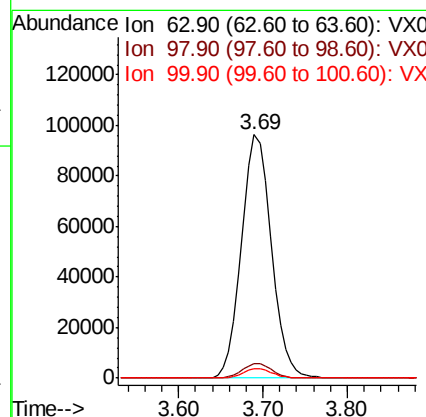
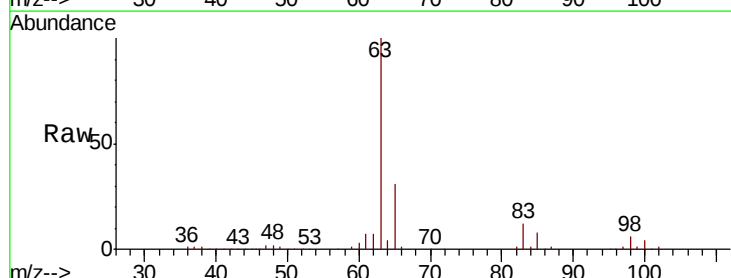
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

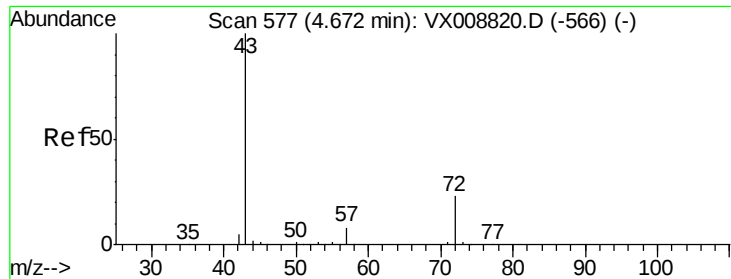
Tgt Ion: 43 Resp: 2114357
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 48.608 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 63 Resp: 231370
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.8 8.4
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 231.274 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

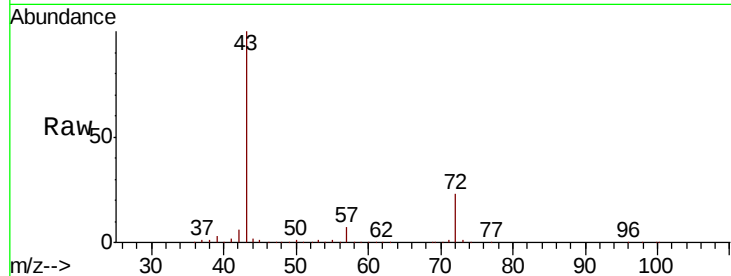
VSTDCCC050

Tgt Ion: 43 Resp: 578755

Ion Ratio Lower Upper

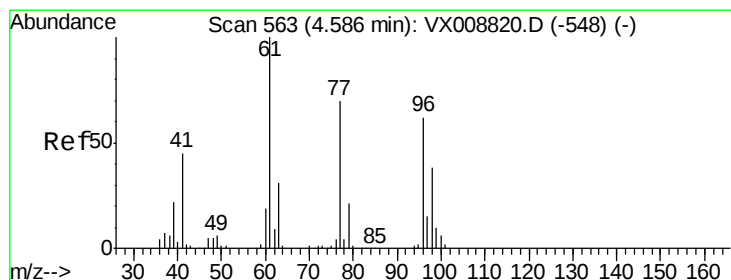
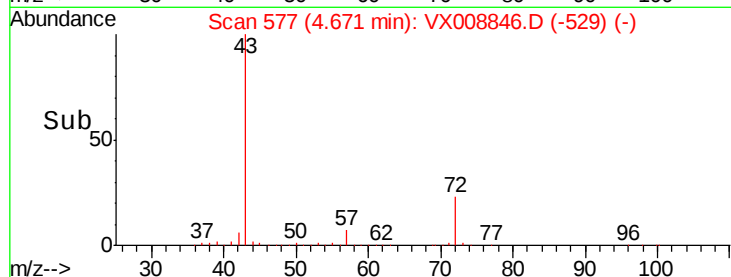
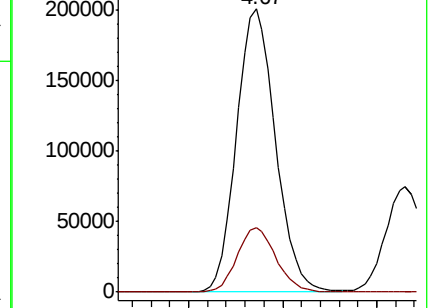
43 100

72 22.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.947 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008846.D

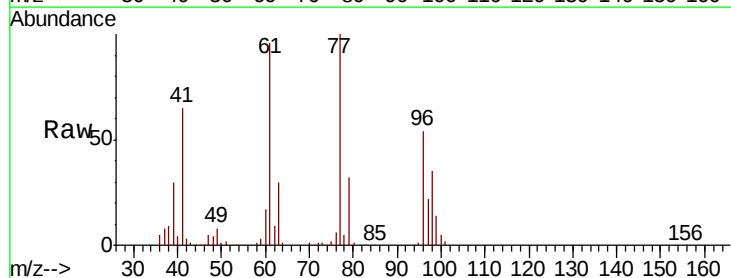
Acq: 11 Apr 2019 12:40

Tgt Ion: 77 Resp: 174154

Ion Ratio Lower Upper

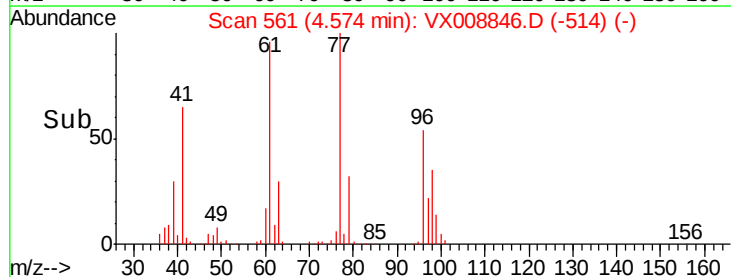
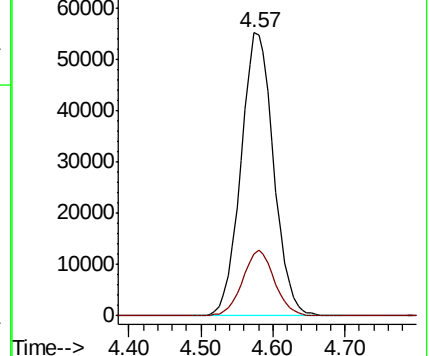
77 100

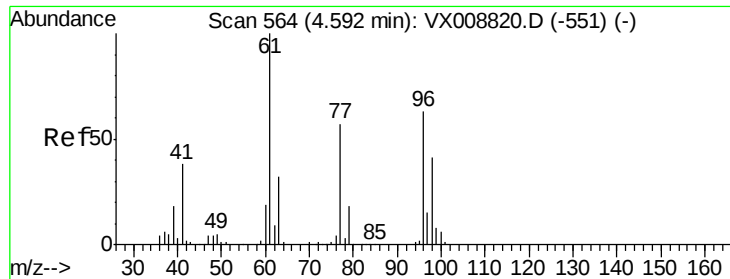
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



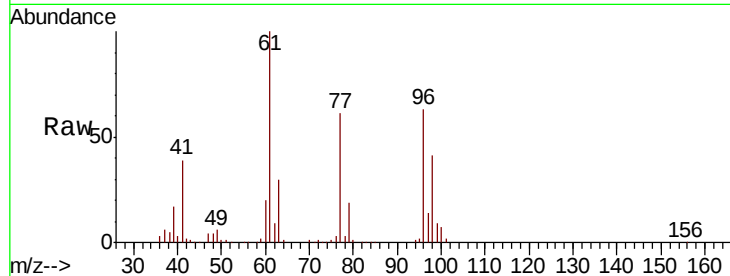


#27

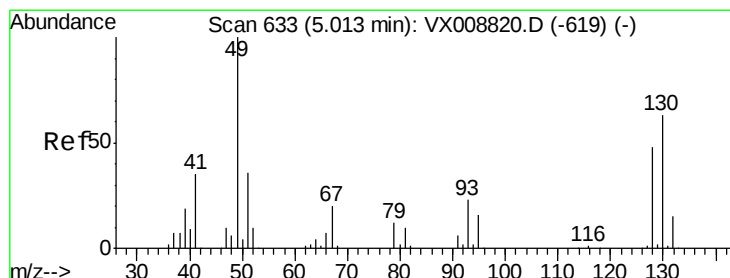
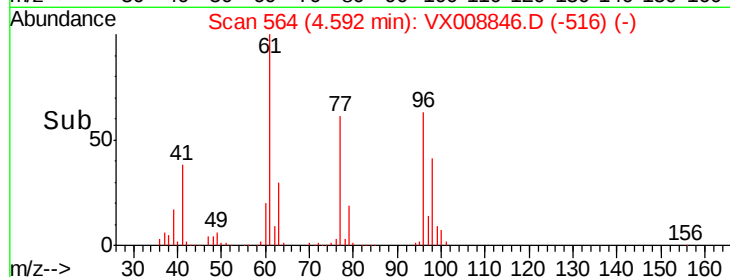
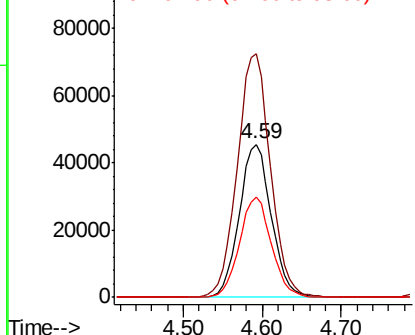
cis-1,2-Dichloroethene
Concen: 47.350 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 128302
Ion Ratio Lower Upper
96 100
61 165.3 0.0 327.6
98 65.6 0.0 128.6



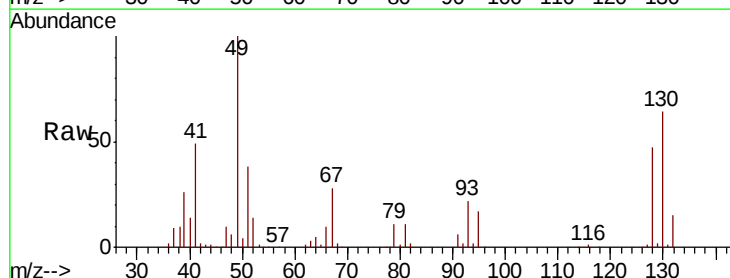
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



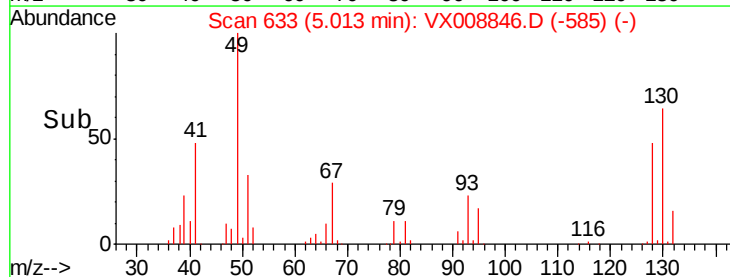
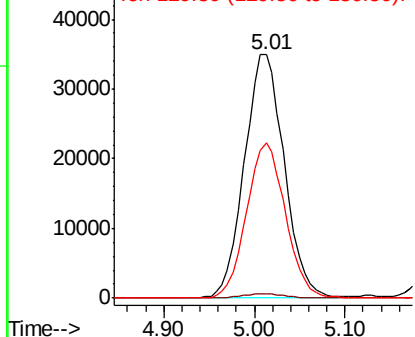
#28

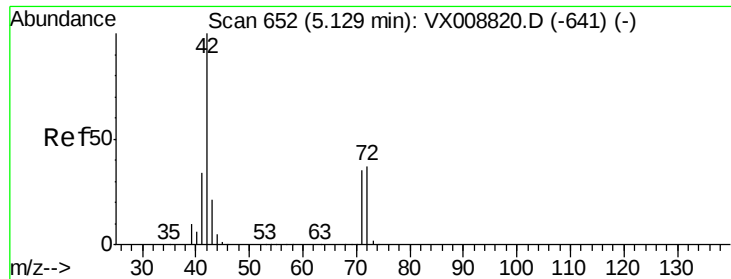
Bromochloromethane
Concen: 53.795 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 49 Resp: 106506
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 62.1 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

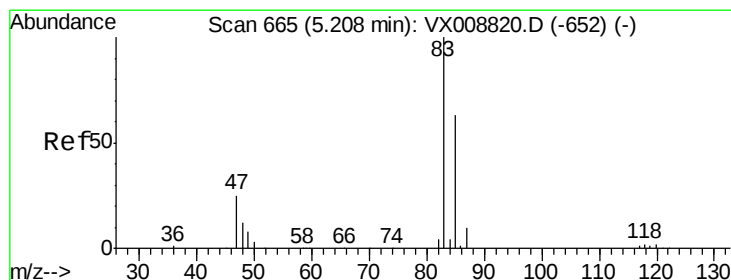
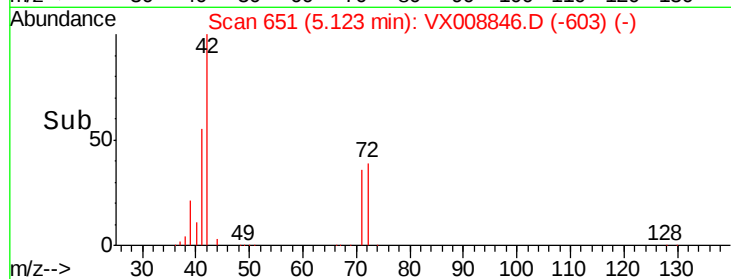
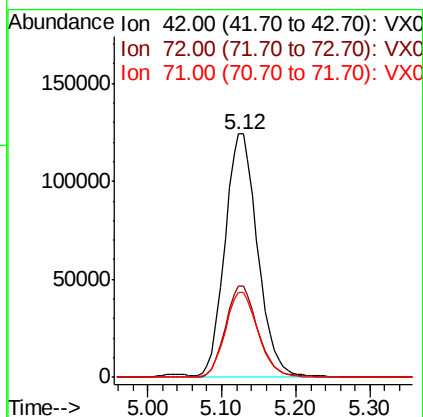
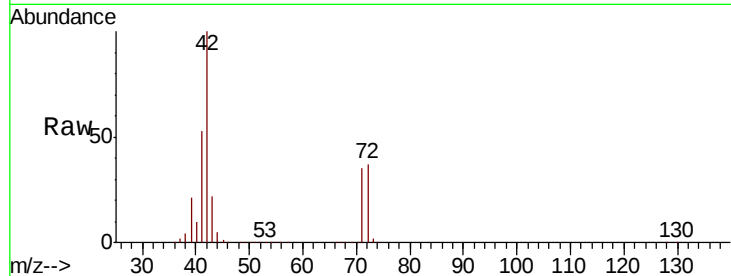




#29
Tetrahydrofuran
Concen: 229.047 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

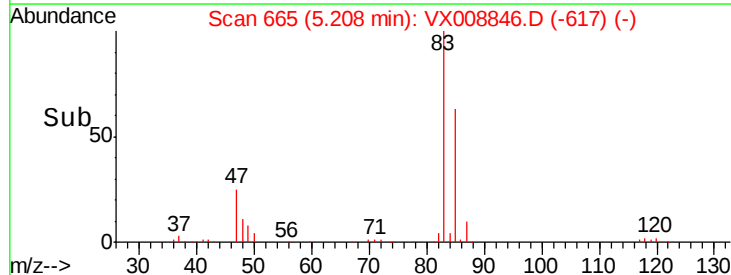
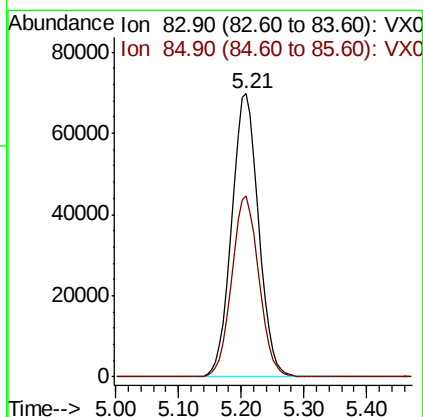
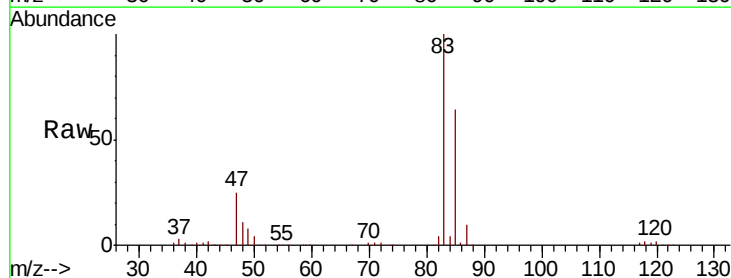
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

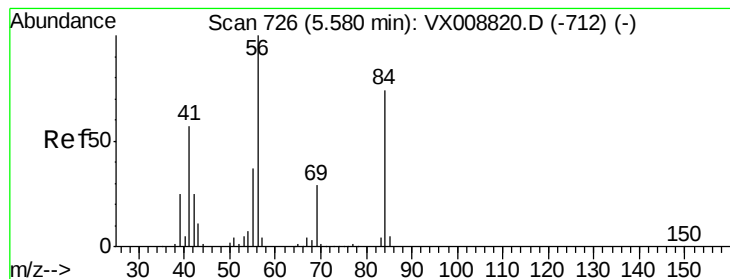
Tgt Ion: 42 Resp: 380435
Ion Ratio Lower Upper
42 100
72 37.5 30.5 45.7
71 35.1 28.6 43.0



#30
Chloroform
Concen: 48.793 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 83 Resp: 207441
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1





#31

Cyclohexane

Concen: 50.191 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

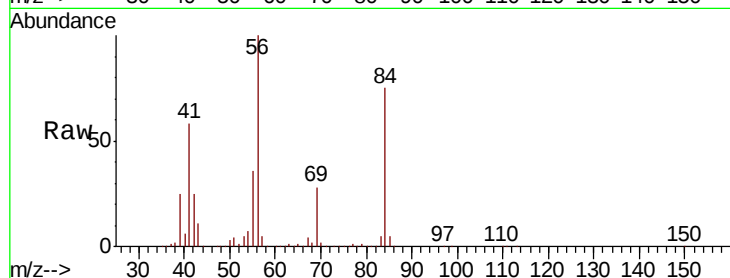
Tgt Ion: 56 Resp: 238384

Ion Ratio Lower Upper

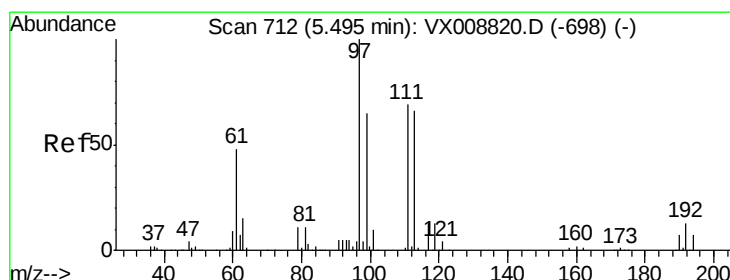
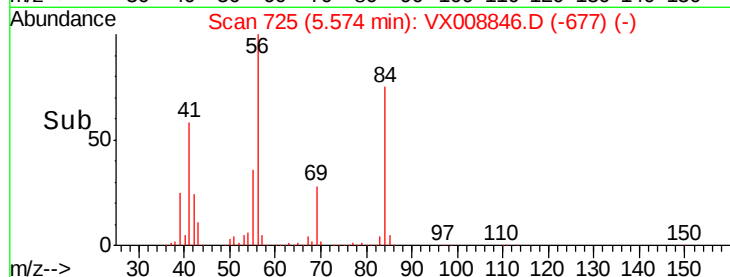
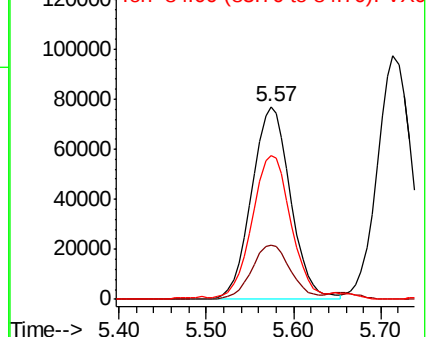
56 100

69 28.4 22.6 33.8

84 74.0 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.531 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

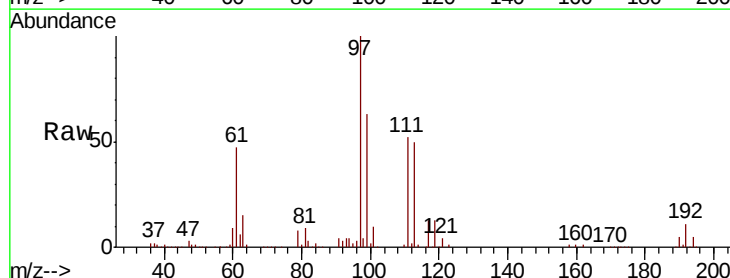
Tgt Ion: 97 Resp: 173603

Ion Ratio Lower Upper

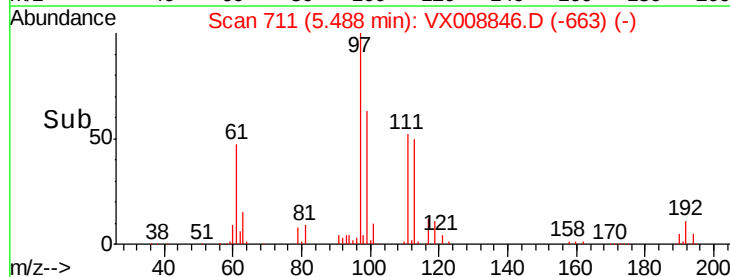
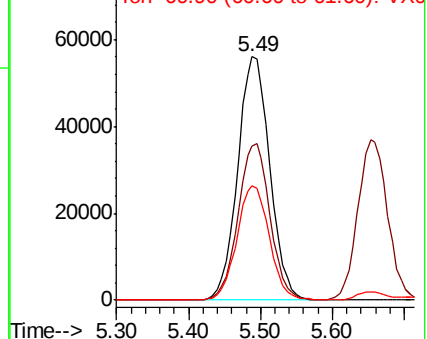
97 100

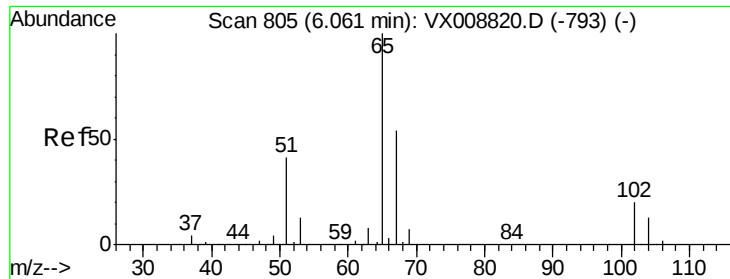
99 63.8 51.3 76.9

61 47.6 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 40.879 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

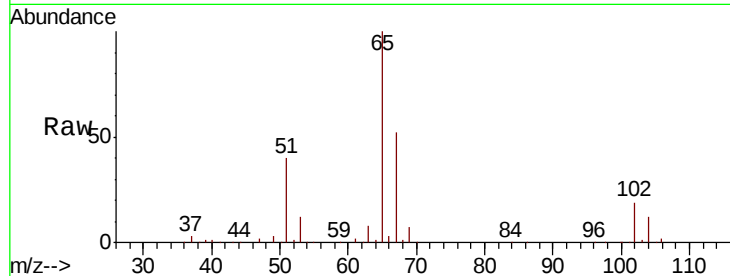
VSTDCCC050

Tgt Ion: 65 Resp: 112373

Ion Ratio Lower Upper

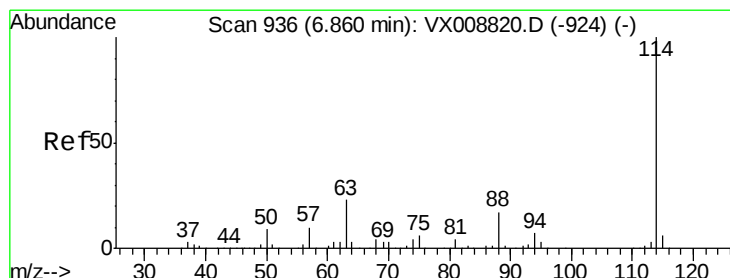
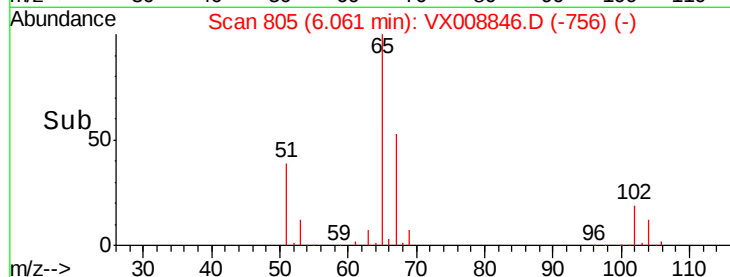
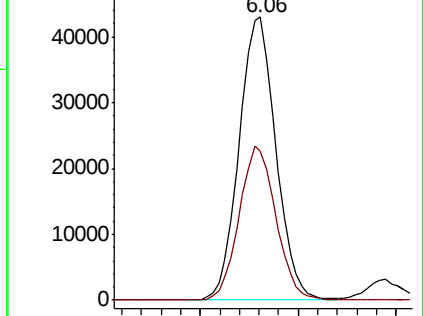
65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

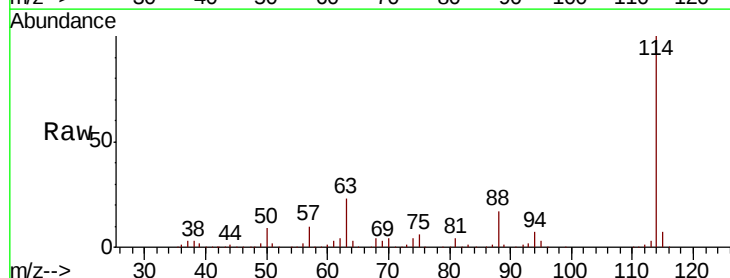
Tgt Ion: 114 Resp: 298830

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

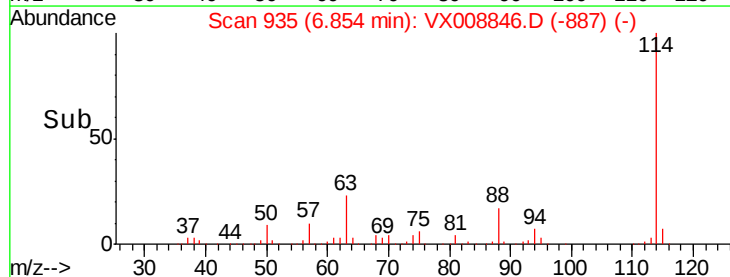
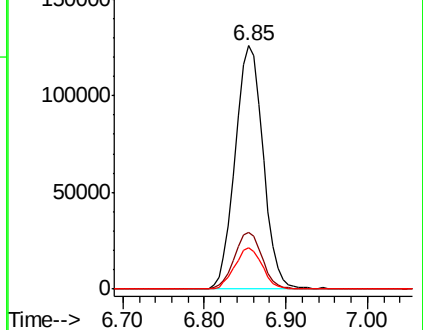
88 17.0 0.0 34.0

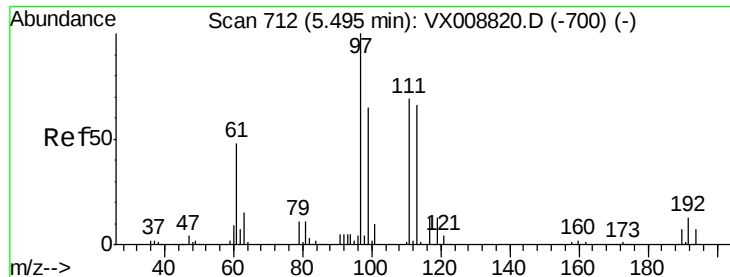


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

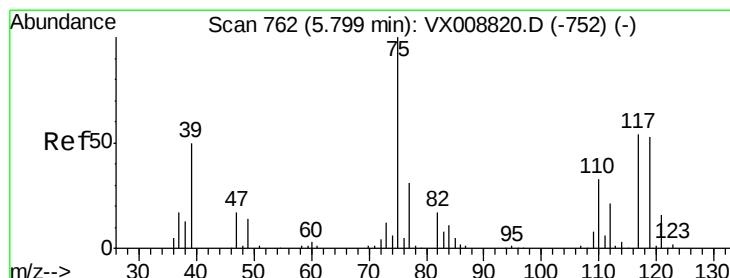
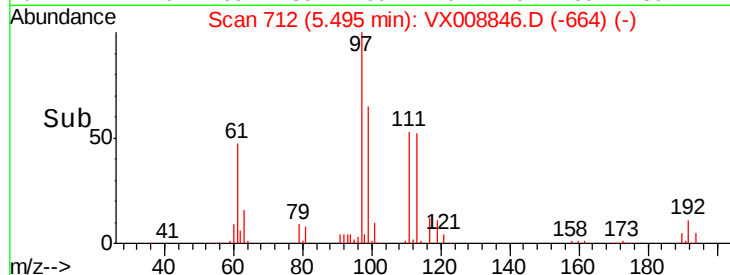
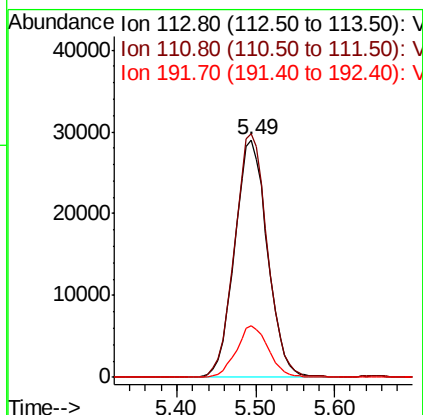
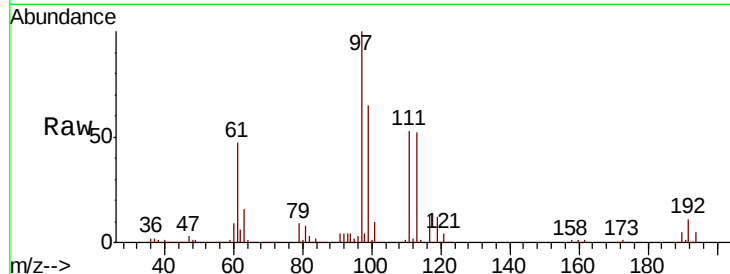




#35
 Dibromofluoromethane
 Concen: 43.902 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

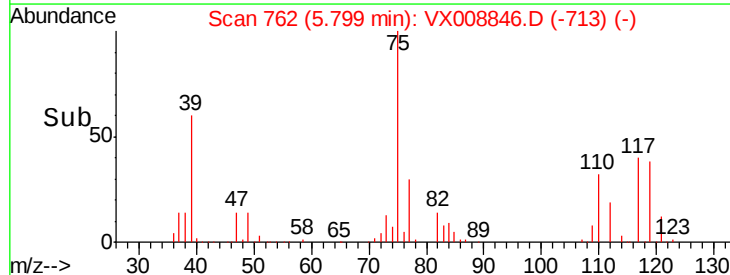
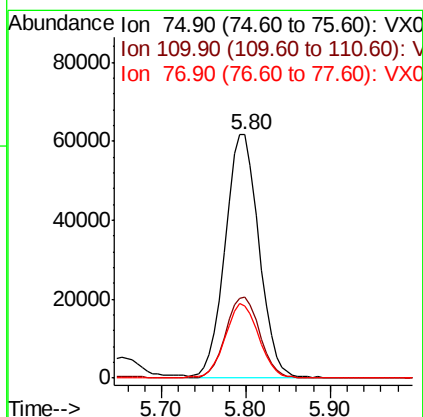
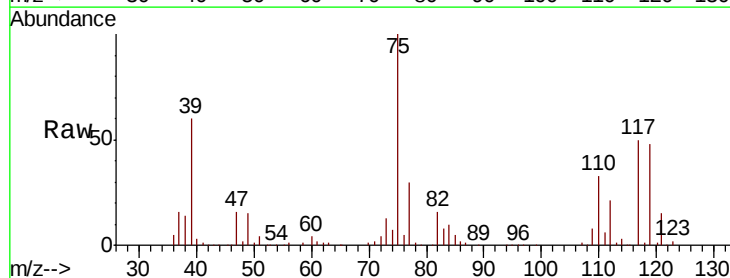
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

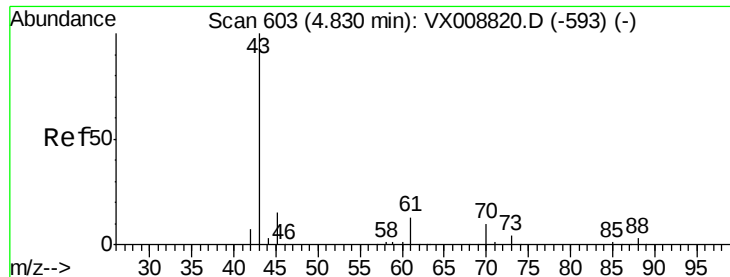
Tgt Ion:113 Resp: 83880
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 21.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 51.571 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 75 Resp: 168458
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.4 49.2
 77 30.2 24.7 37.1

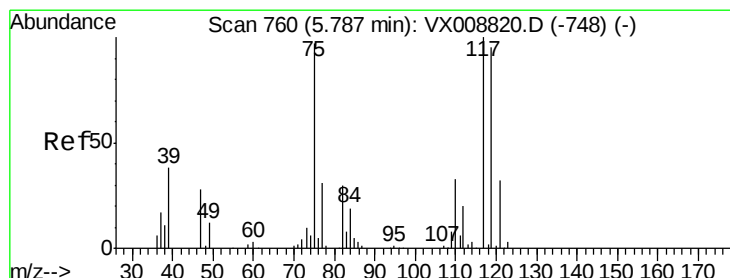
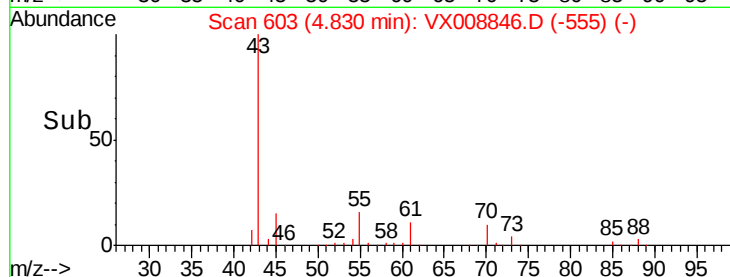
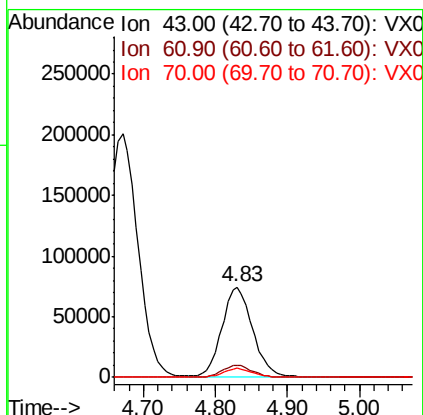
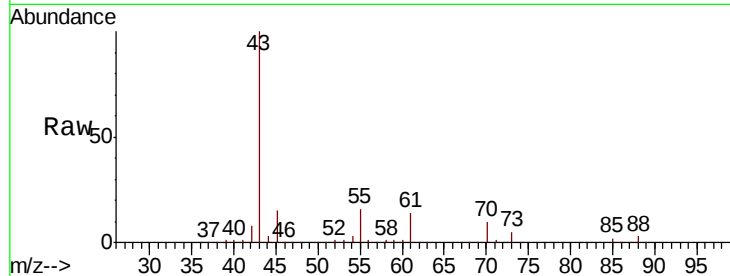




#37
Ethyl Acetate
Concen: 50.745 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

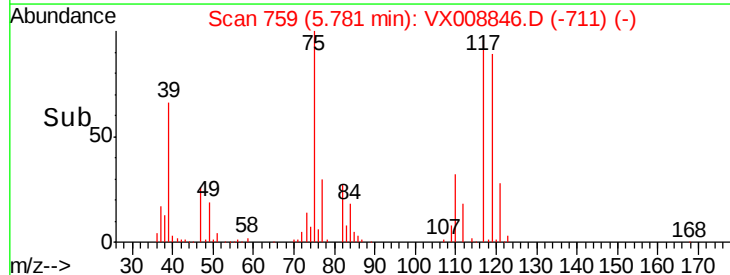
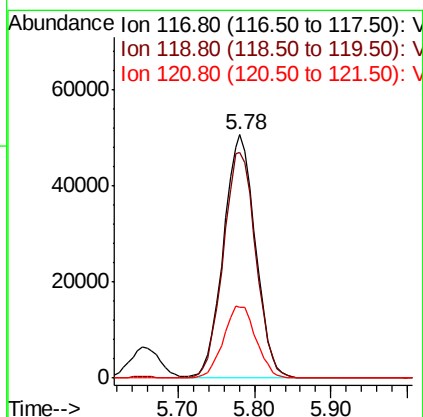
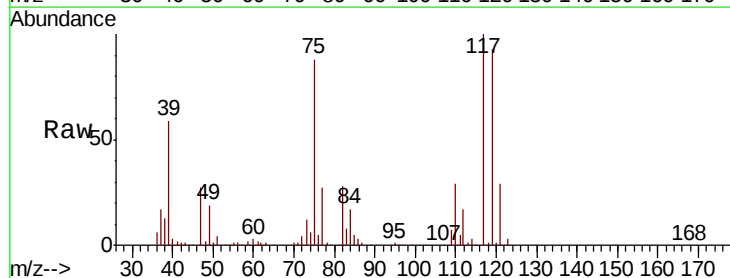
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

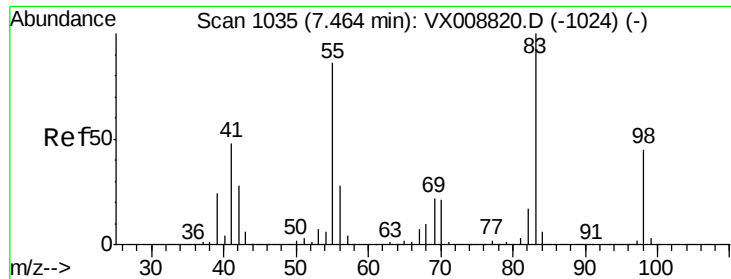
Tgt Ion: 43 Resp: 221253
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 54.090 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 117 Resp: 146236
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.6
121 29.2 24.3 36.5

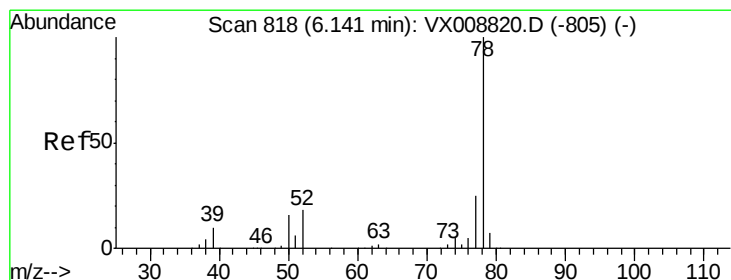
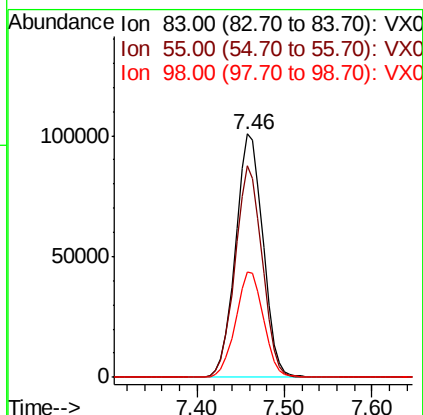
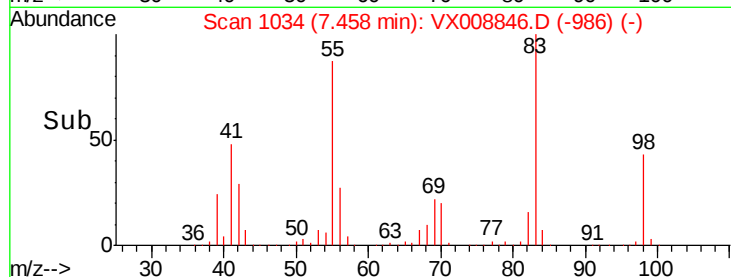
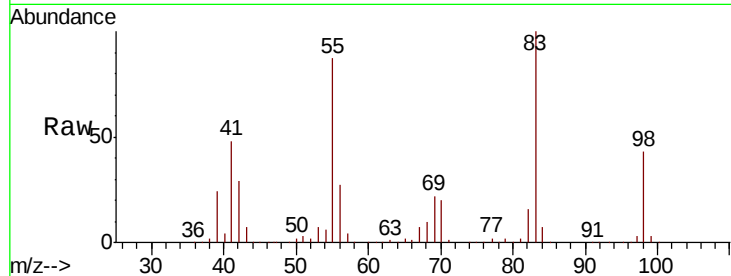




#39
Methylcyclohexane
Concen: 54.572 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

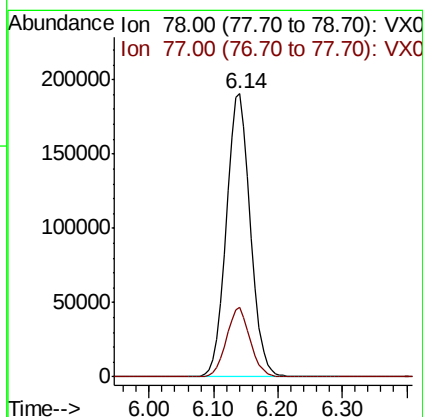
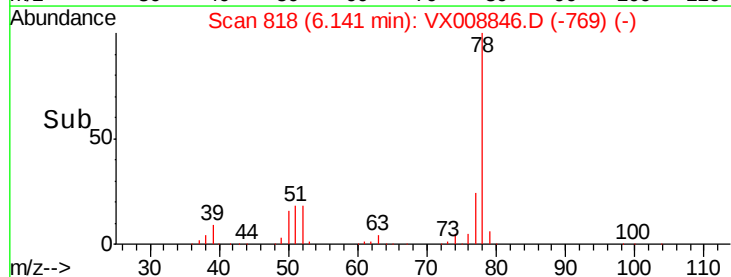
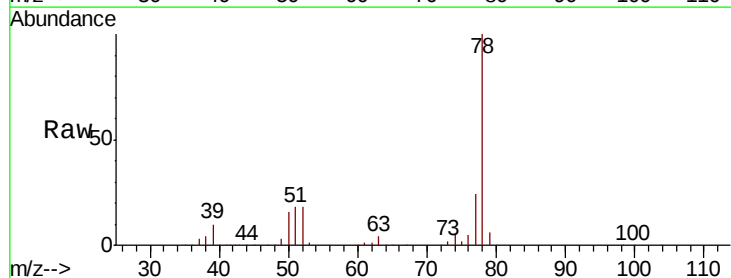
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

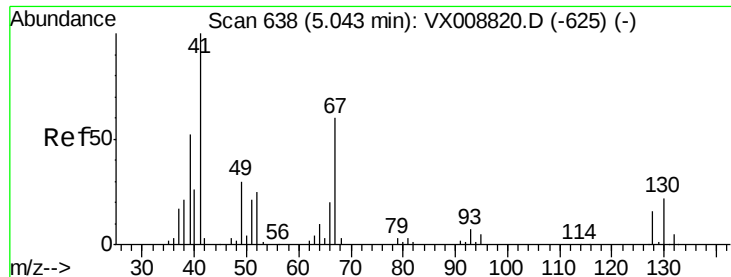
Tgt Ion: 83 Resp: 220210
Ion Ratio Lower Upper
83 100
55 87.1 69.0 103.6
98 43.2 34.4 51.6



#40
Benzene
Concen: 51.531 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 78 Resp: 501464
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





#41

Methacrylonitrile

Concen: 49.958 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 125206

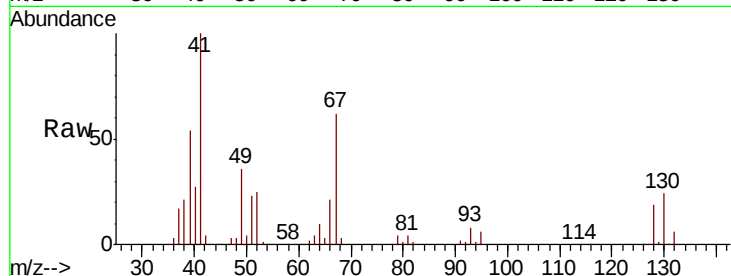
Ion Ratio Lower Upper

41 100

39 52.5 42.1 63.1

67 62.5 51.0 76.6

52 26.4 21.4 32.0

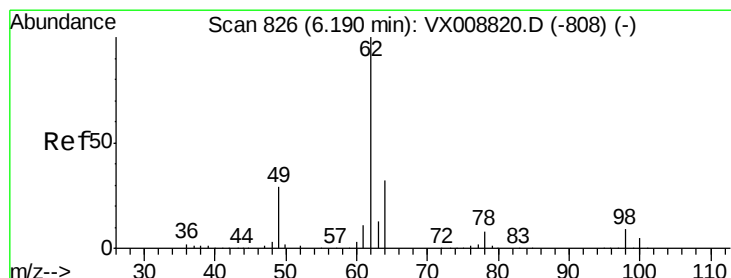
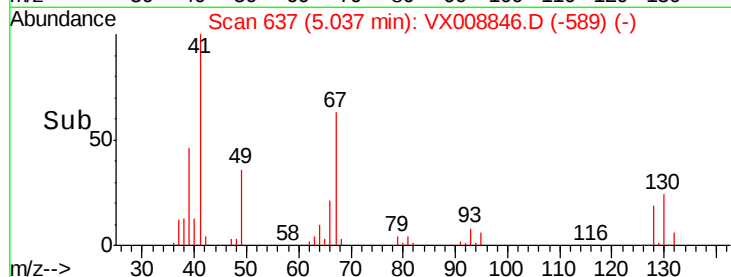
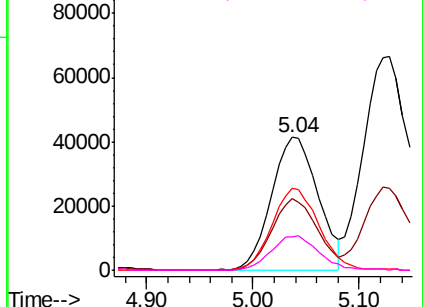


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 50.297 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008846.D

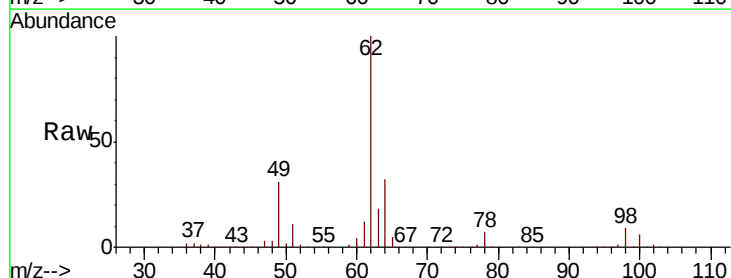
Acq: 11 Apr 2019 12:40

Tgt Ion: 62 Resp: 175469

Ion Ratio Lower Upper

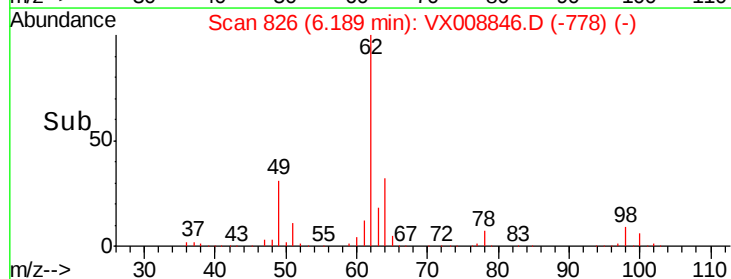
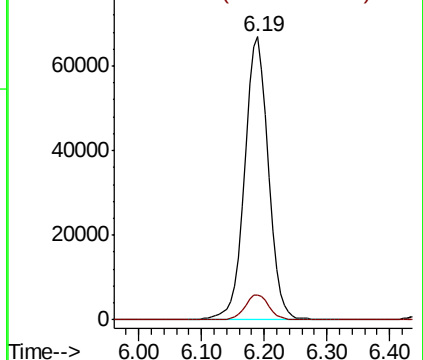
62 100

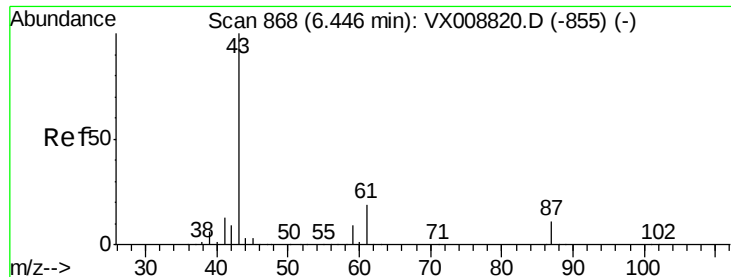
98 8.8 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.571 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

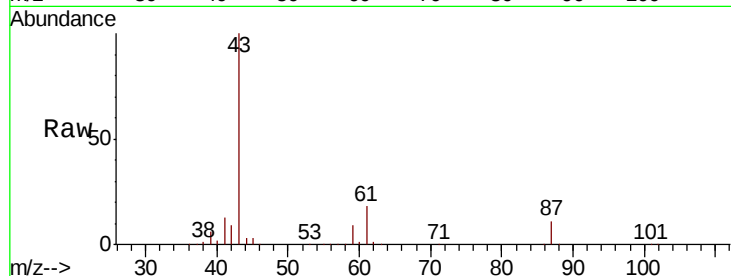
Tgt Ion: 43 Resp: 359069

Ion Ratio Lower Upper

43 100

61 18.6 15.3 22.9

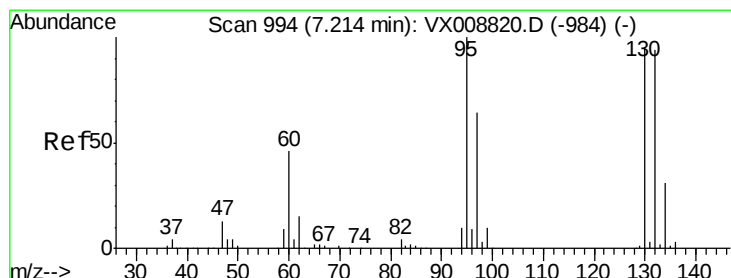
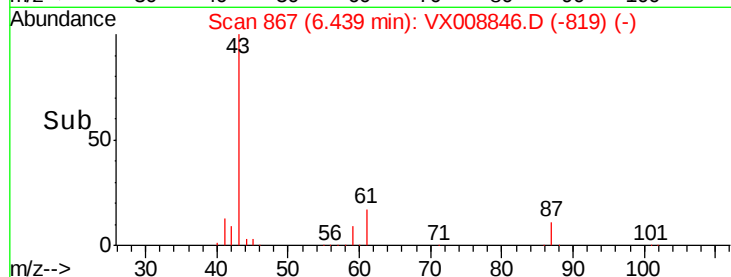
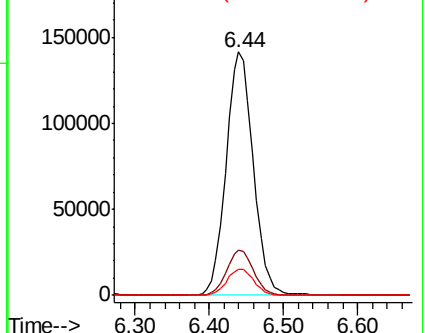
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.738 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008846.D

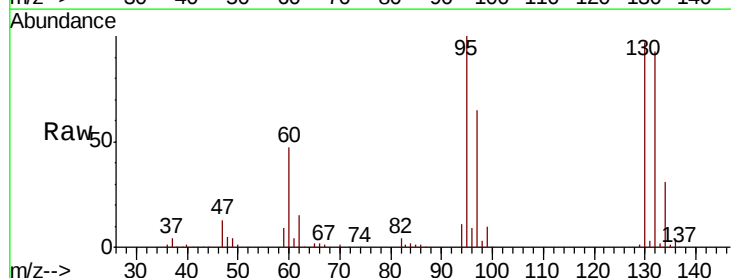
Acq: 11 Apr 2019 12:40

Tgt Ion: 130 Resp: 119531

Ion Ratio Lower Upper

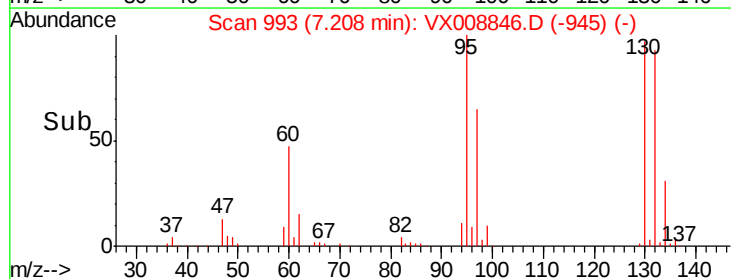
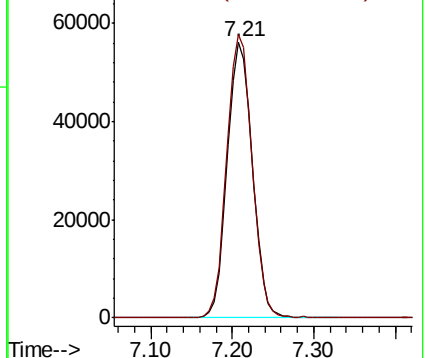
130 100

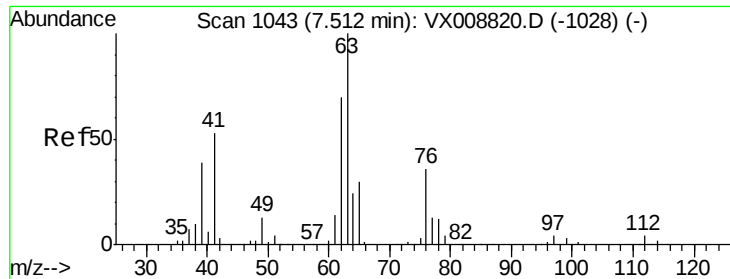
95 102.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

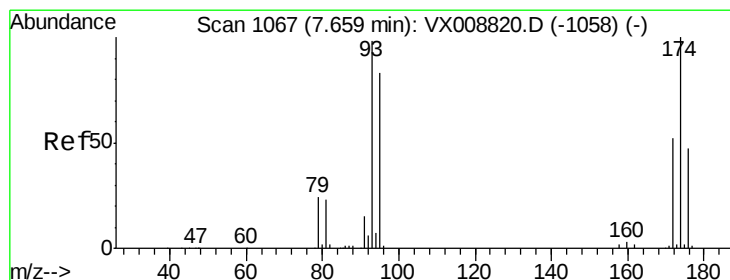
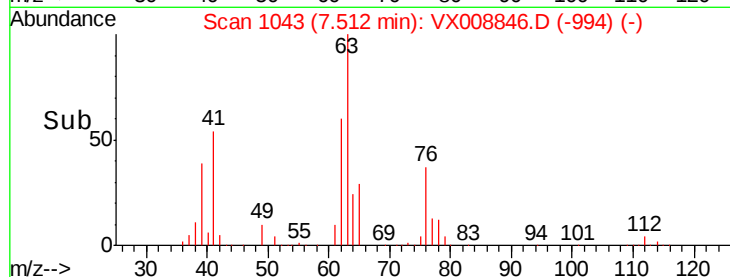
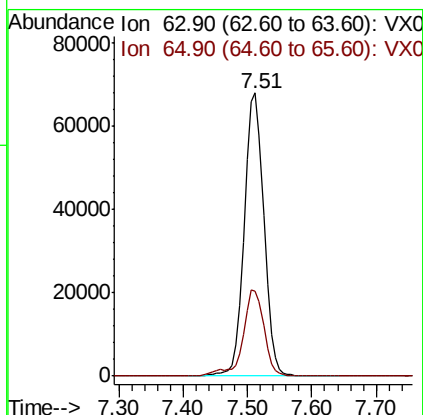
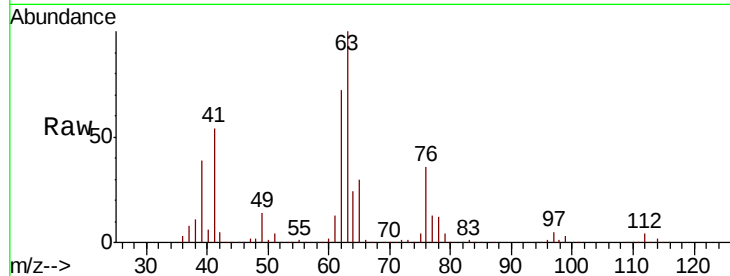




#45
 1,2-Dichloropropane
 Concen: 50.983 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

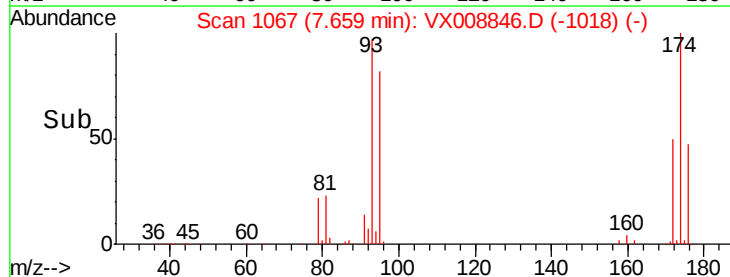
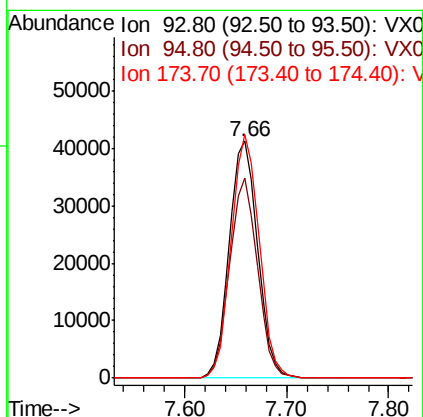
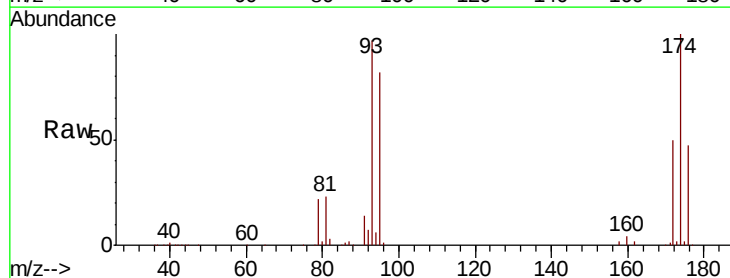
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

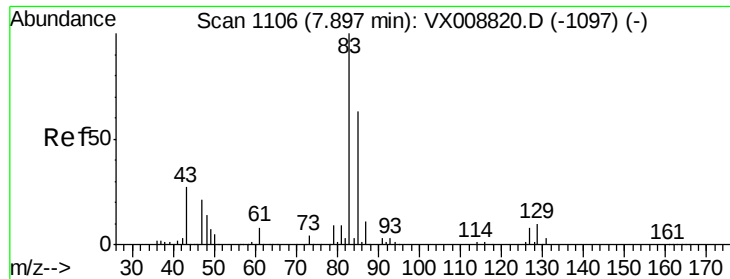
Tgt Ion: 63 Resp: 141609
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.4



#46
 Dibromomethane
 Concen: 49.394 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 93 Resp: 79570
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 99.8
 174 101.5 77.7 116.5





#47

Bromodichloromethane

Concen: 52.896 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

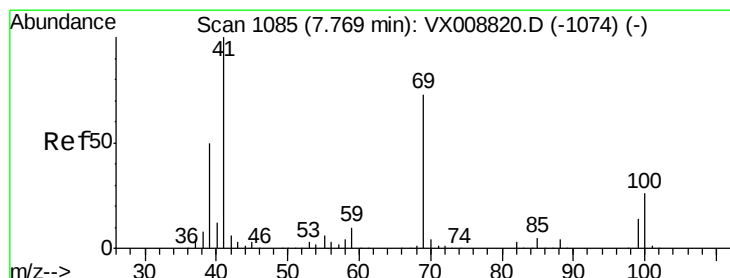
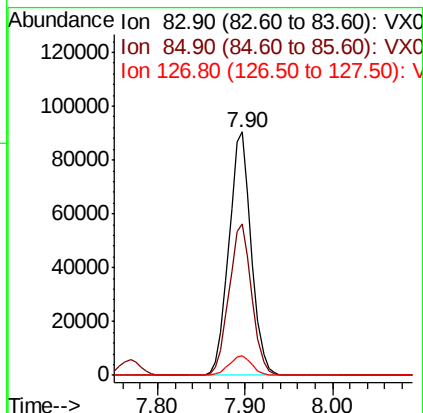
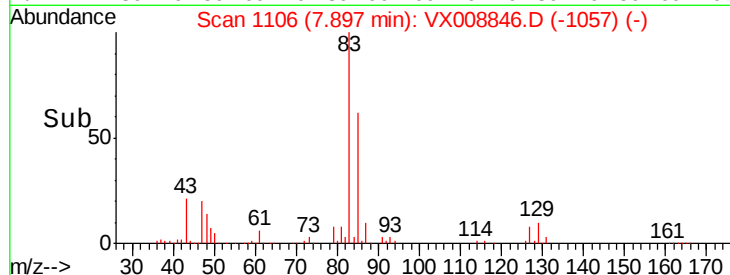
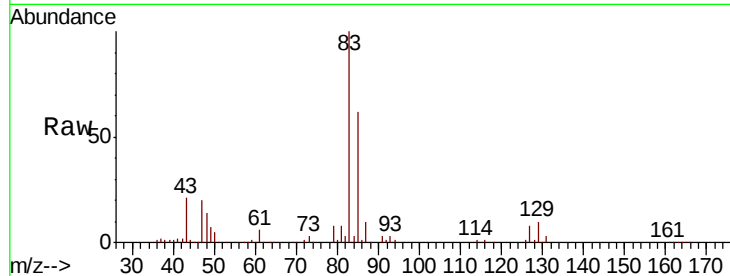
Tgt Ion: 83 Resp: 160666

Ion Ratio Lower Upper

83 100

85 62.1 51.2 76.8

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 53.031 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

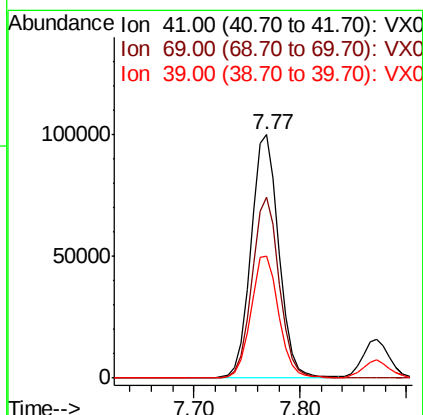
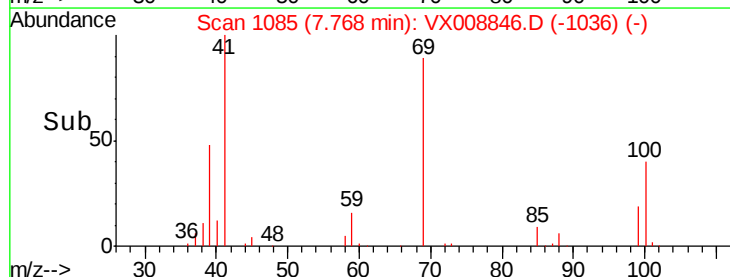
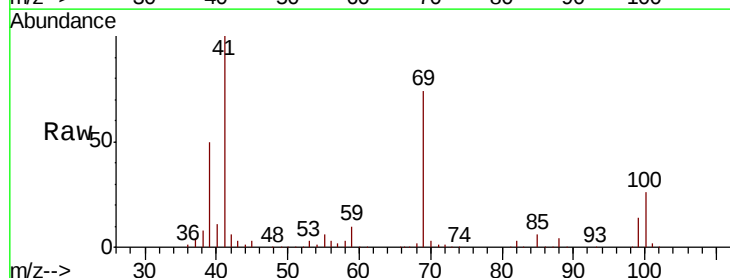
Tgt Ion: 41 Resp: 183222

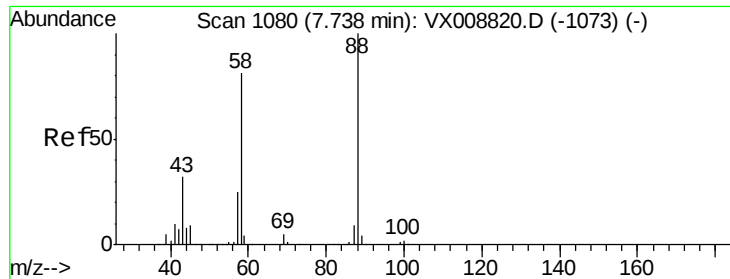
Ion Ratio Lower Upper

41 100

69 73.1 59.0 88.4

39 50.0 41.0 61.4

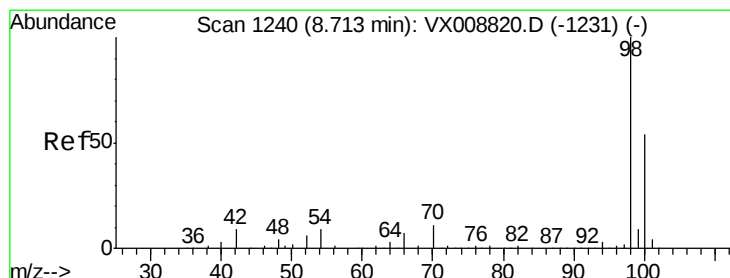
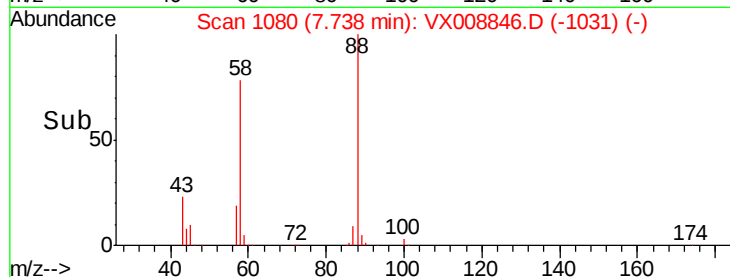
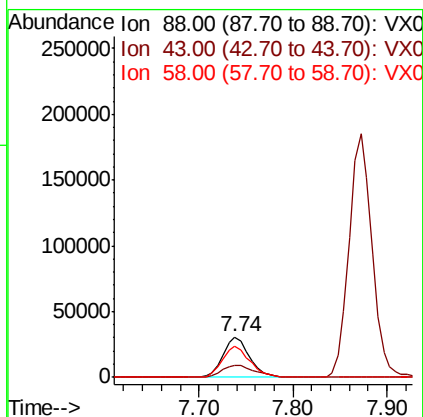
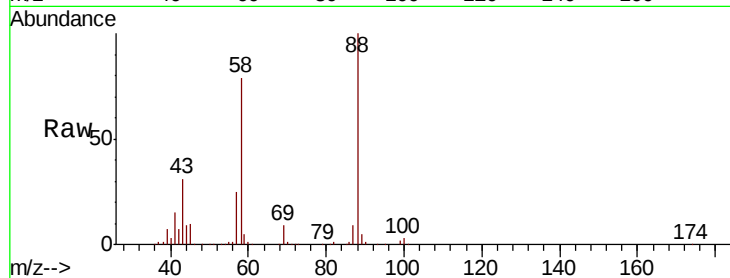




#49
 1,4-Dioxane
 Concen: 926.482 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

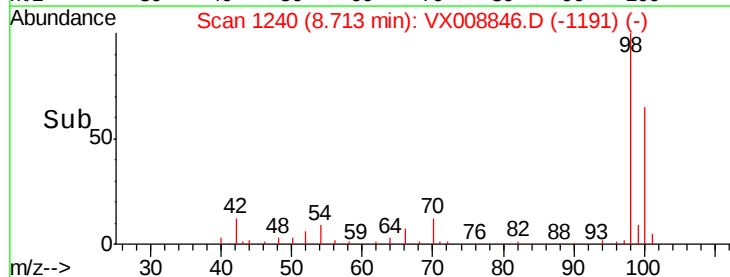
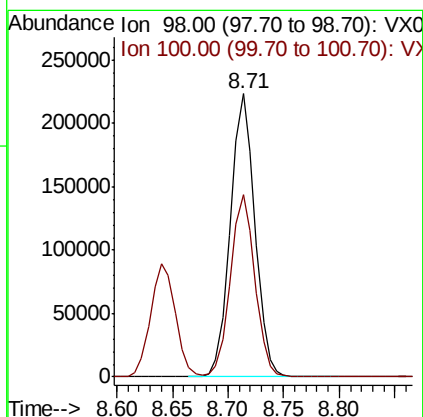
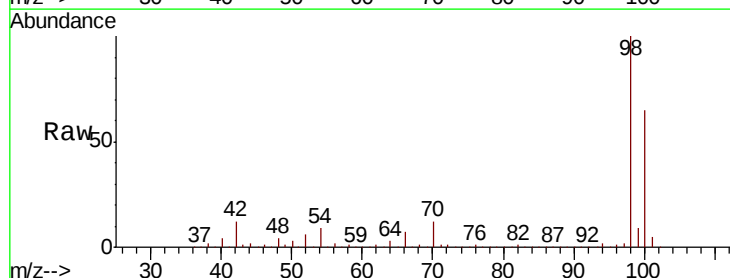
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

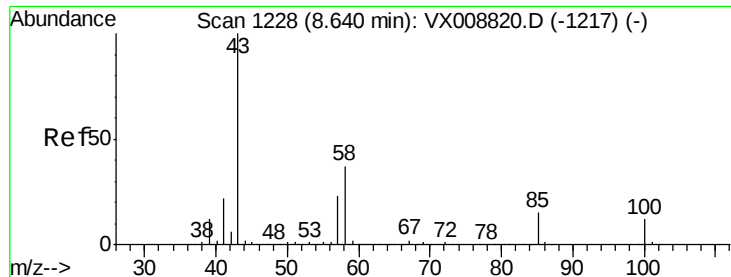
Tgt Ion: 88 Resp: 59964
 Ion Ratio Lower Upper
 88 100
 43 37.3 28.6 43.0
 58 80.9 62.2 93.2



#50
 Toluene-d8
 Concen: 44.691 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 98 Resp: 339990
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.0

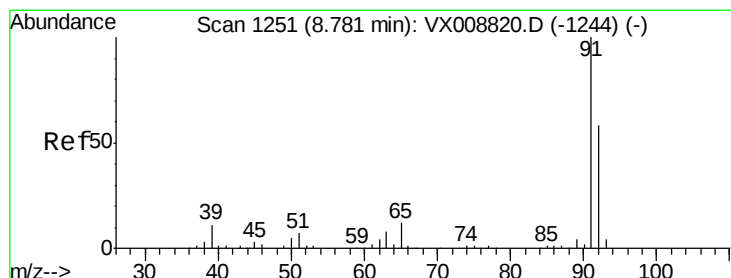
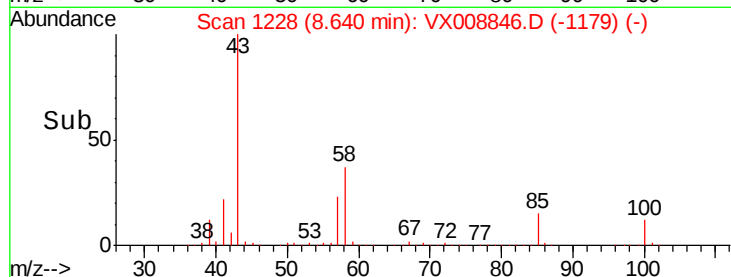
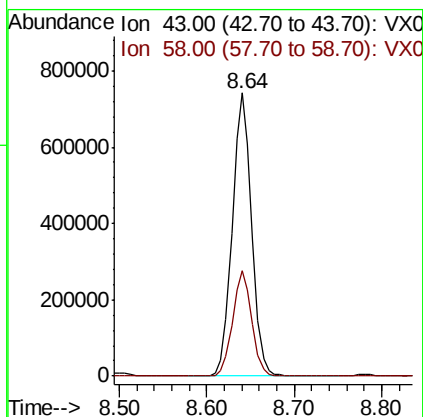
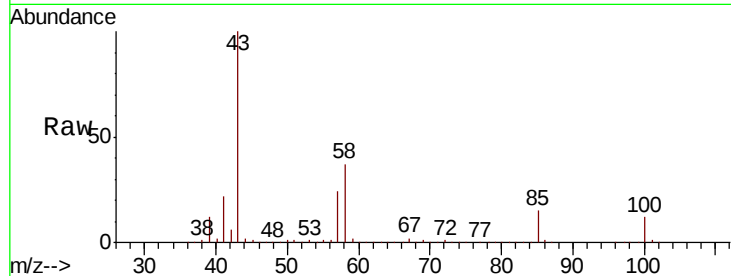




#51
4-Methyl-2-Pentanone
Concen: 260.608 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

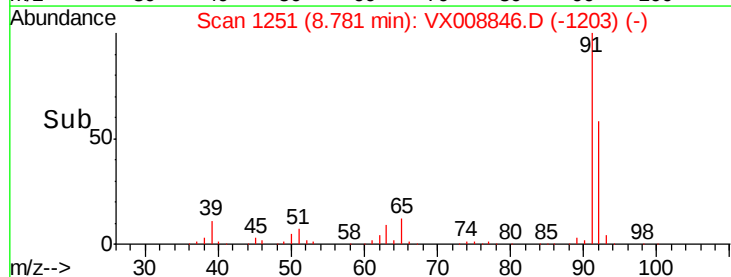
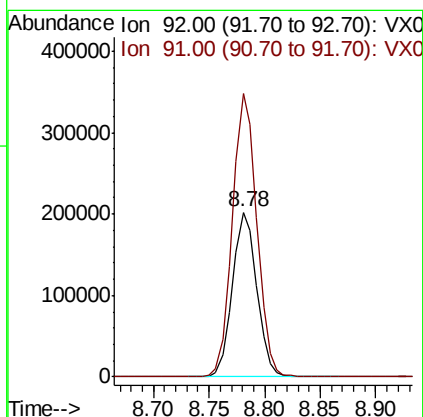
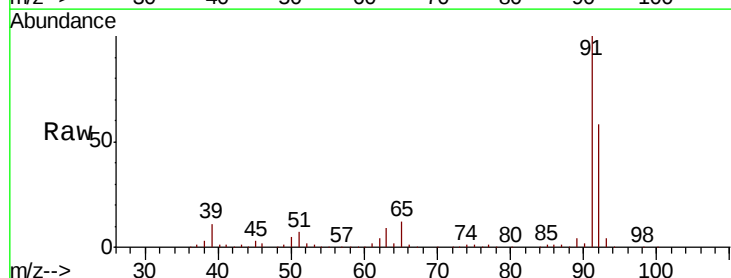
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

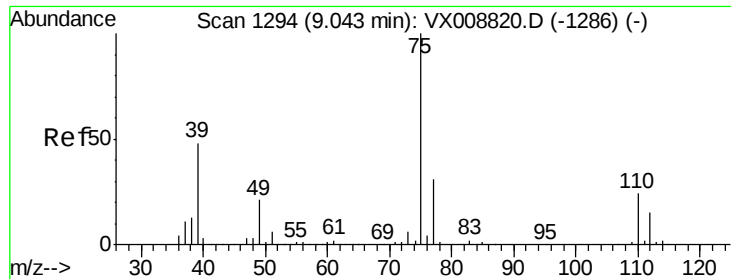
Tgt Ion: 43 Resp: 1145843
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3



#52
Toluene
Concen: 53.309 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 92 Resp: 305842
Ion Ratio Lower Upper
92 100
91 173.1 138.5 207.7

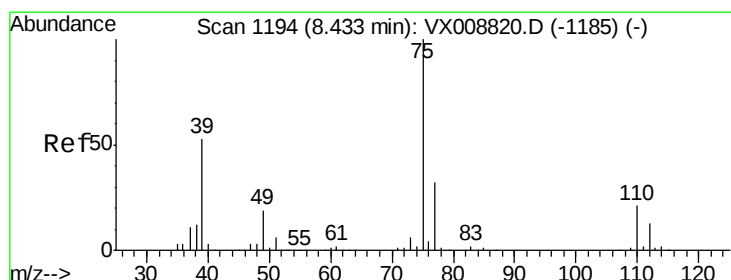
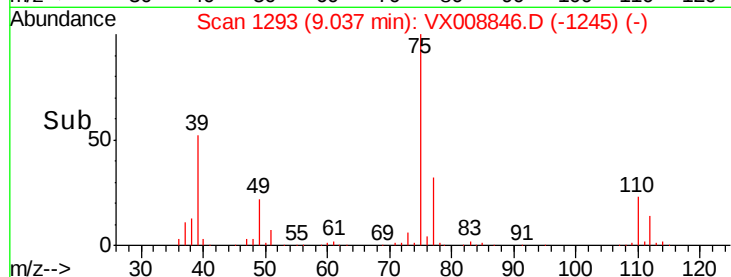
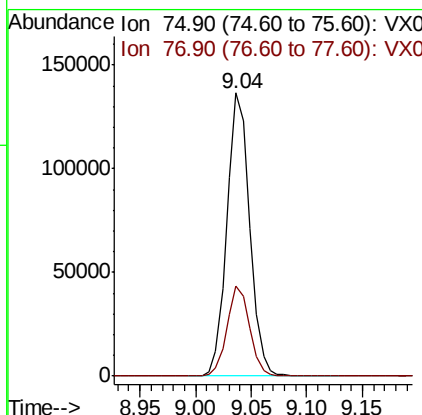
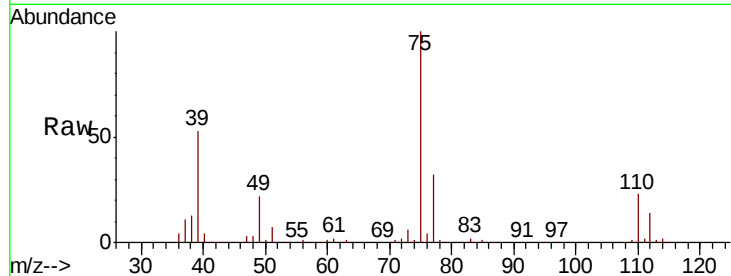




#53
 t-1,3-Dichloropropene
 Concen: 56.833 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

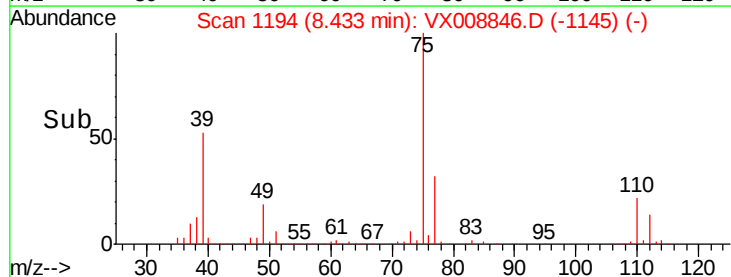
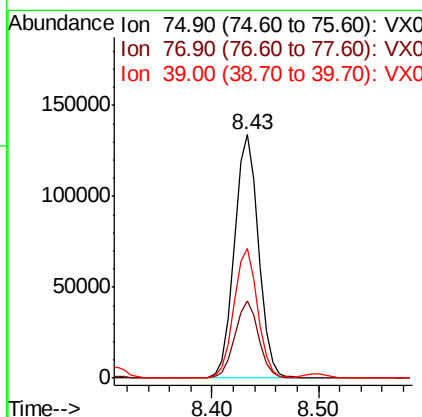
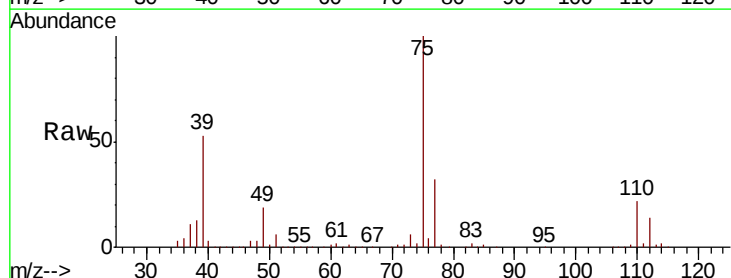
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

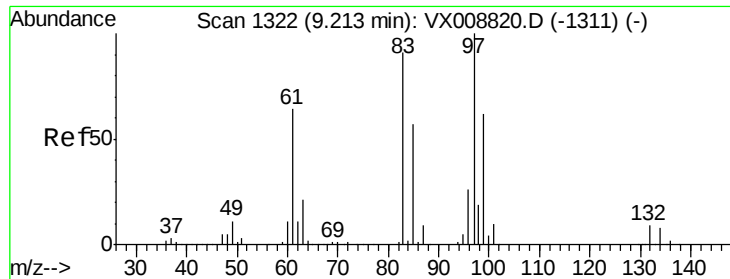
Tgt Ion: 75 Resp: 193371
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.872 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 75 Resp: 213328
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 53.0 42.6 63.8

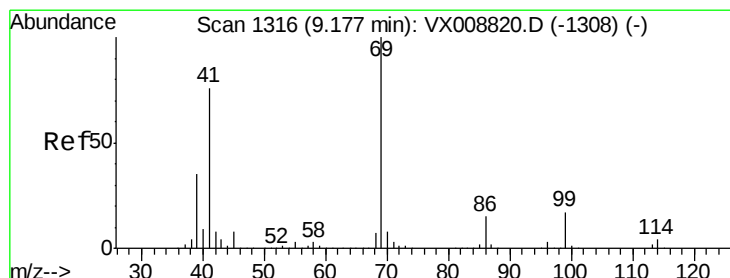
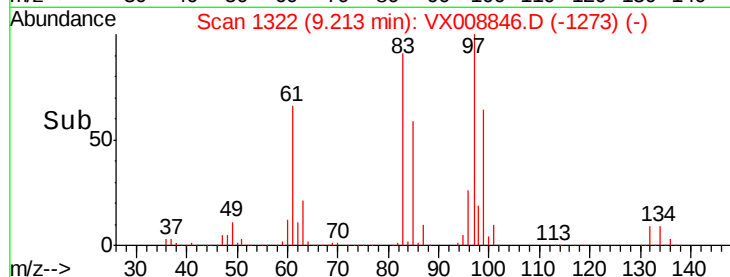
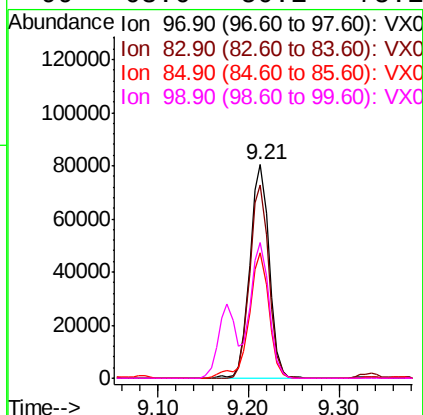
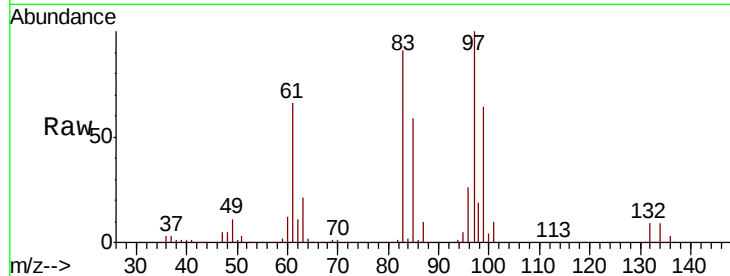




#55
 1,1,2-Trichloroethane
 Concen: 51.604 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

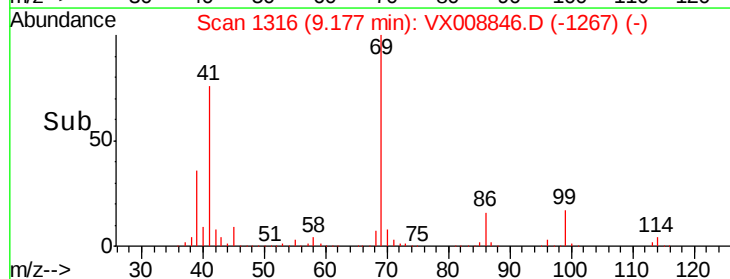
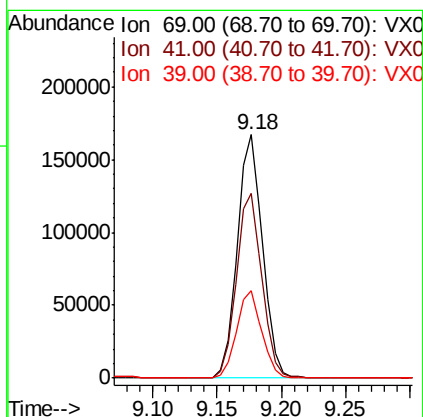
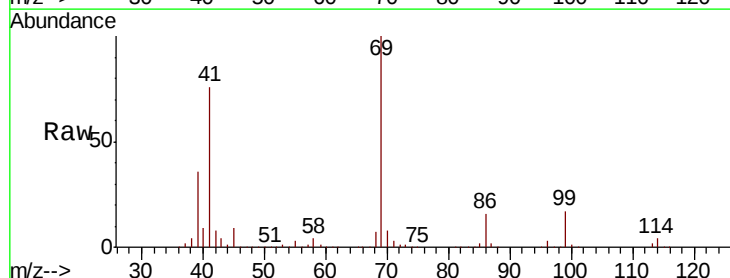
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

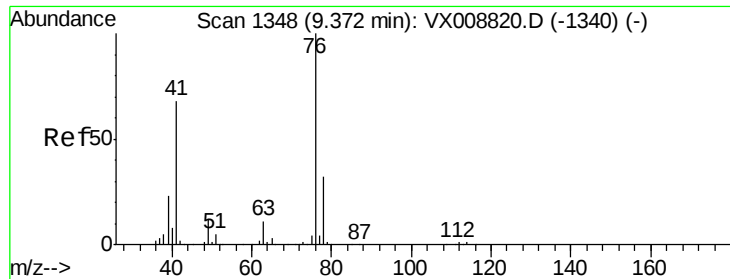
Tgt Ion:	97	Resp:	118839
Ion	Ratio	Lower	Upper
97	100		
83	90.6	73.2	109.8
85	59.0	46.6	69.8
99	63.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 54.498 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion:	69	Resp:	227080
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.1	90.1
39	35.7	28.9	43.3





#57

1,3-Dichloropropane

Concen: 51.831 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

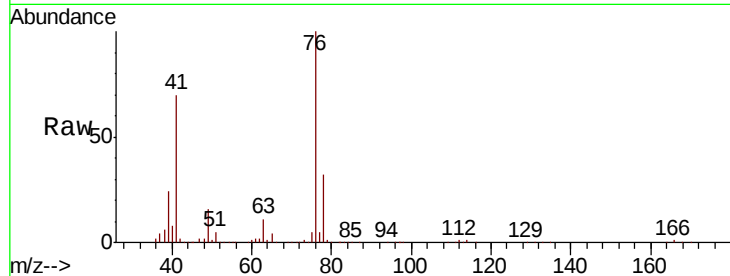
VSTDCCC050

Tgt Ion: 76 Resp: 214334

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

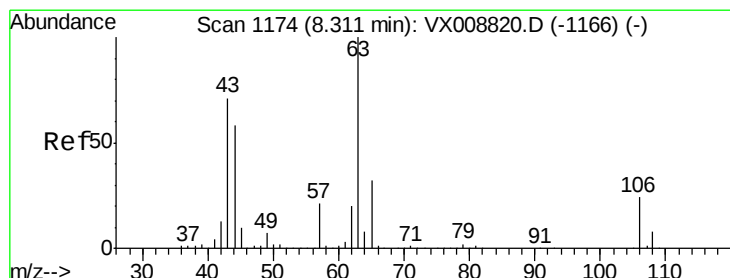
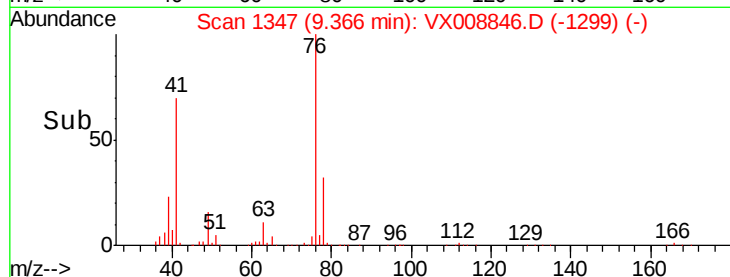
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 216.741 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008846.D

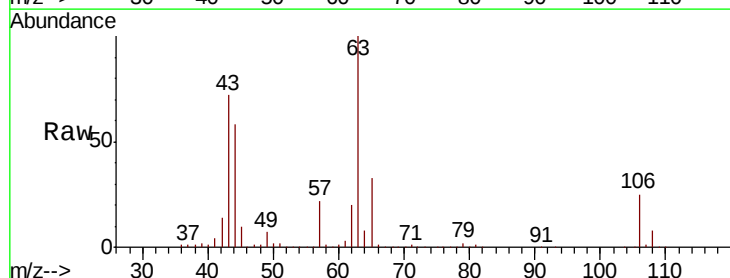
Acq: 11 Apr 2019 12:40

Tgt Ion: 63 Resp: 461140

Ion Ratio Lower Upper

63 100

106 24.3 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

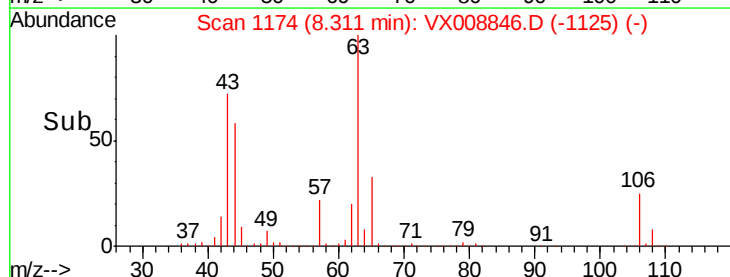
200000

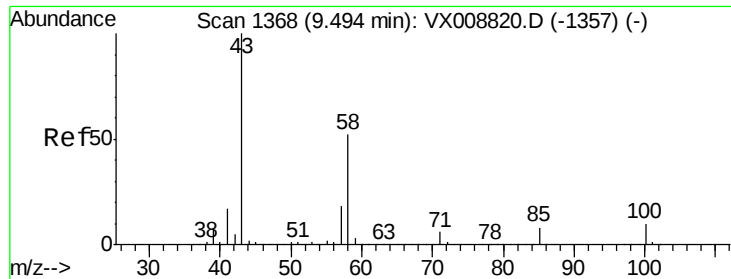
100000

0

8.20 8.30 8.40

Time-->

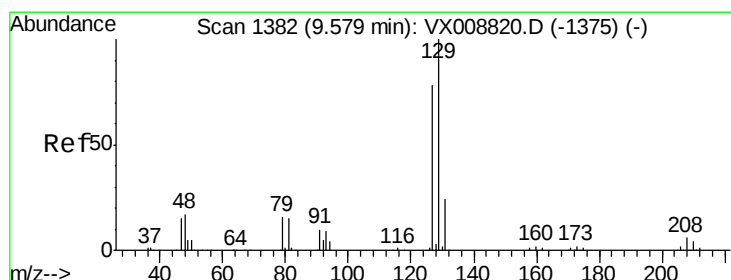
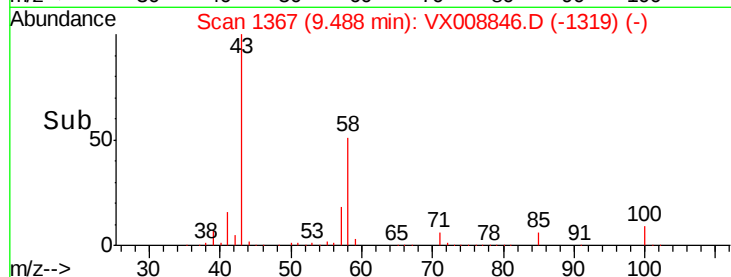
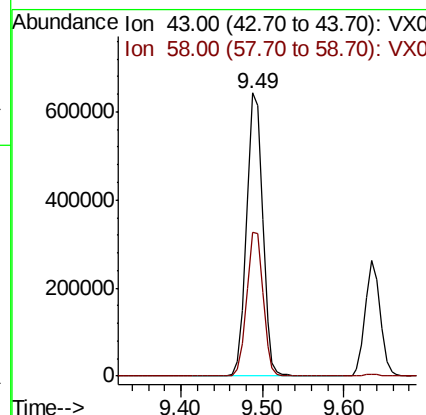
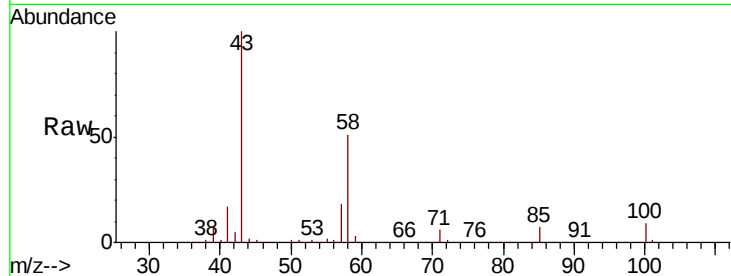




#59
2-Hexanone
Concen: 255.221 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

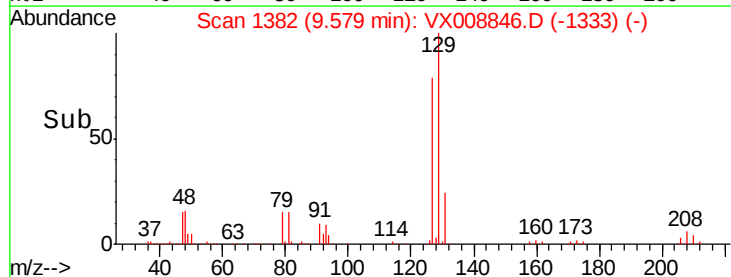
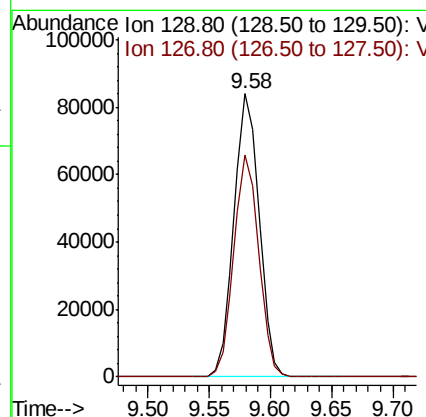
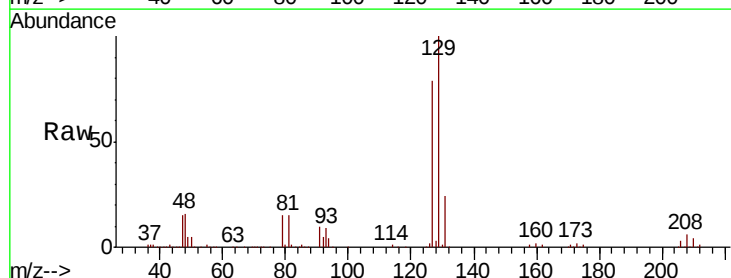
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

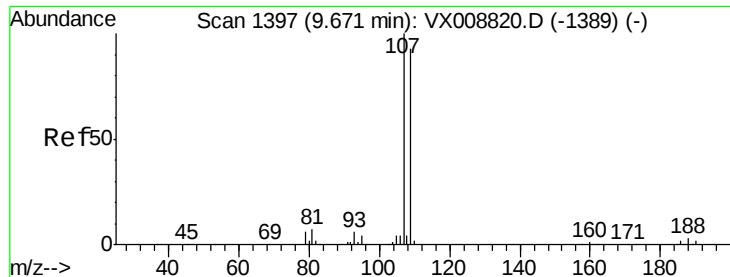
Tgt Ion: 43 Resp: 872080
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 55.259 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 129 Resp: 119918
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.496 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

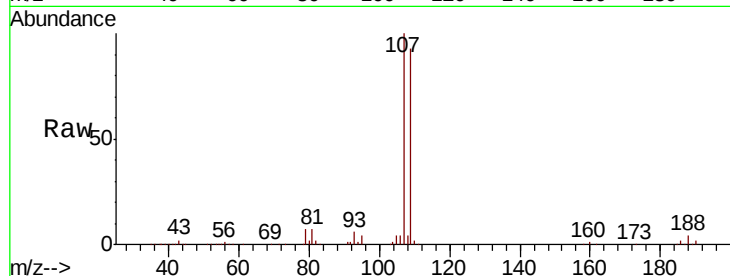
VSTDCCC050

Tgt Ion: 107 Resp: 123457

Ion Ratio Lower Upper

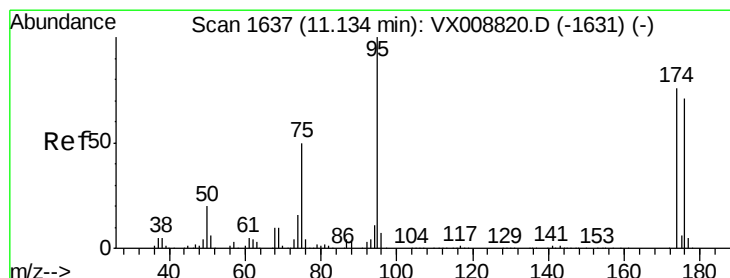
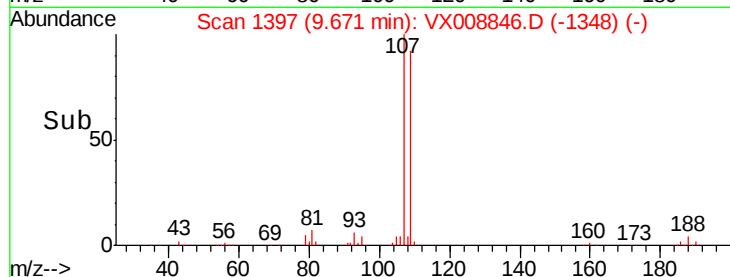
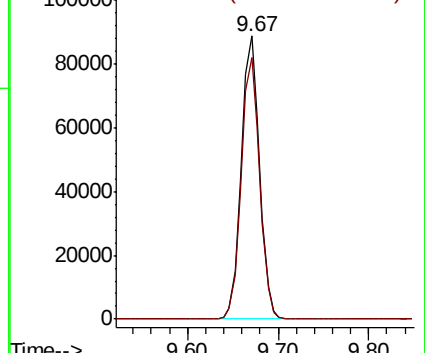
107 100

109 93.4 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.525 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

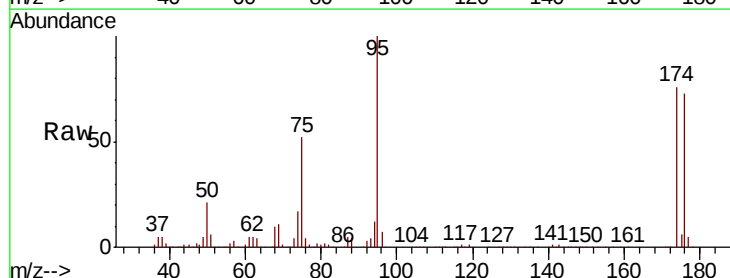
Tgt Ion: 95 Resp: 128210

Ion Ratio Lower Upper

95 100

174 80.1 0.0 151.8

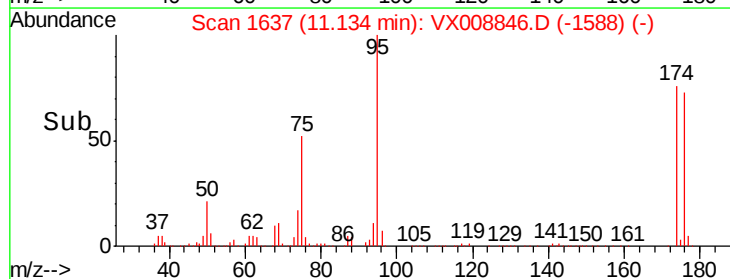
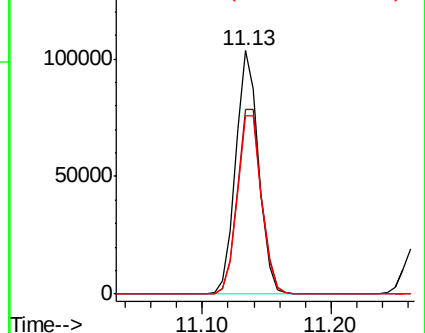
176 77.5 0.0 145.8

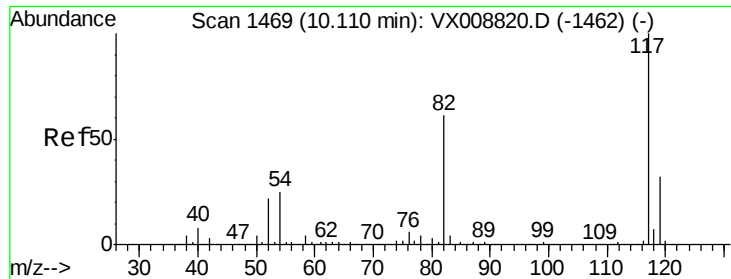


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

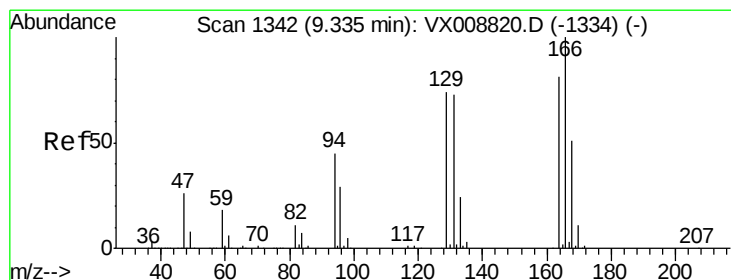
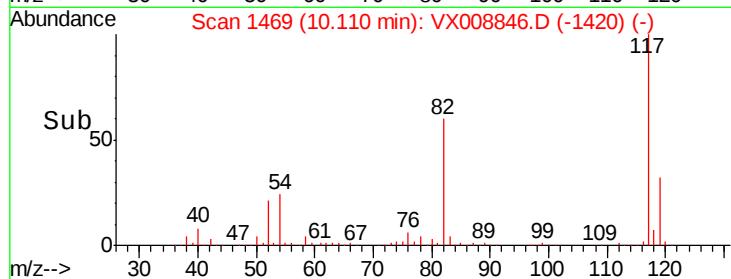
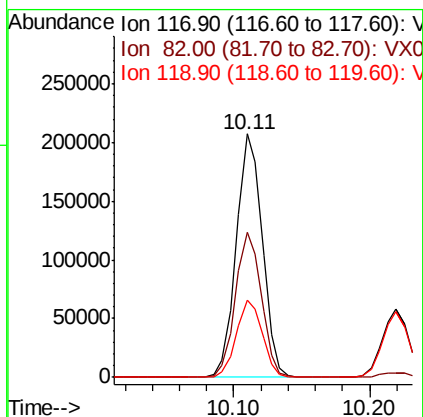
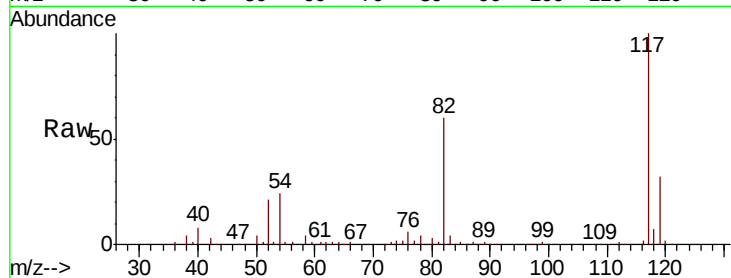




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

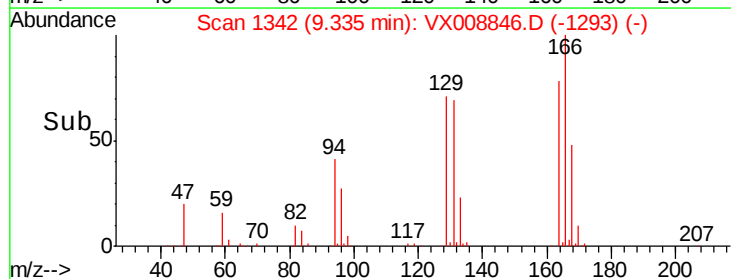
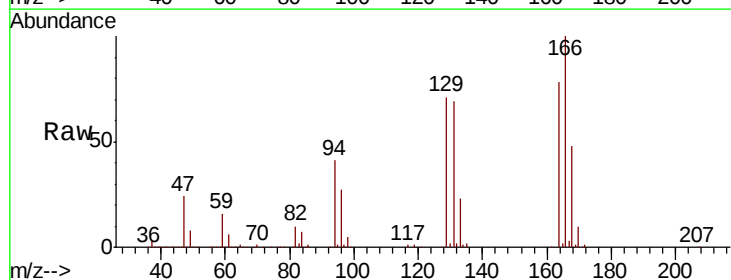
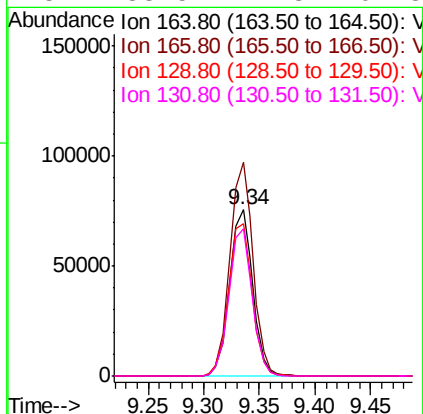
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

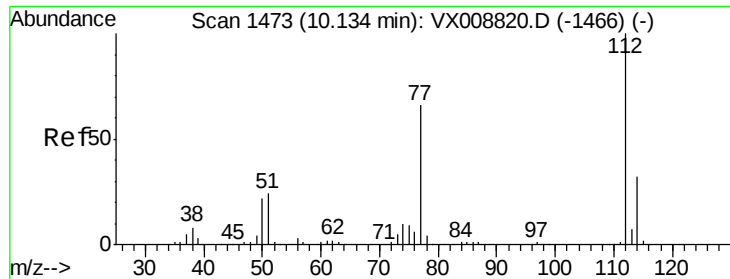
Tgt Ion:117 Resp: 276479
Ion Ratio Lower Upper
117 100
82 59.6 49.6 74.4
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 53.088 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion:164 Resp: 108746
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.6
129 91.7 75.8 113.8
131 88.5 71.8 107.8





#65

Chlorobenzene

Concen: 51.265 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

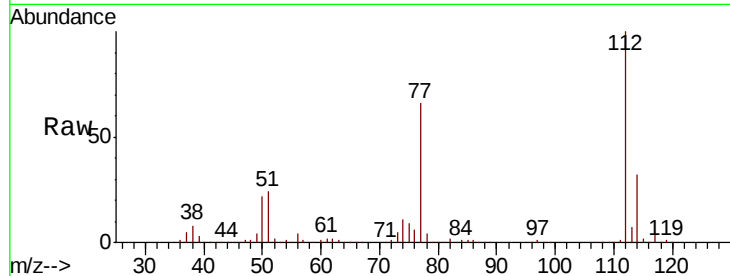
VSTDCCC050

Tgt Ion:112 Resp: 314188

Ion Ratio Lower Upper

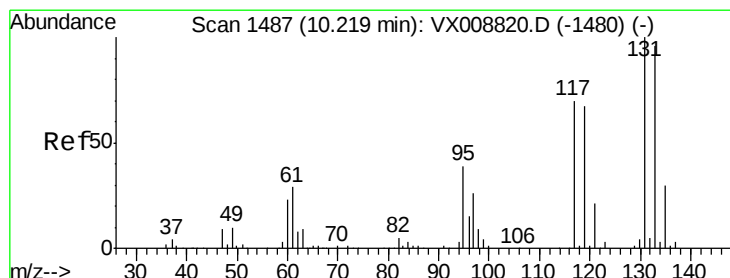
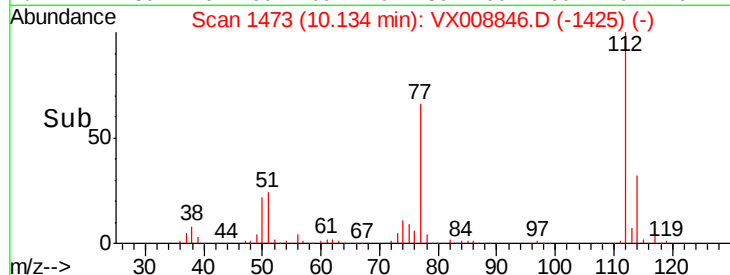
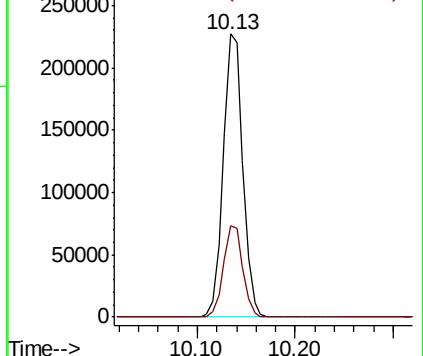
112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.075 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

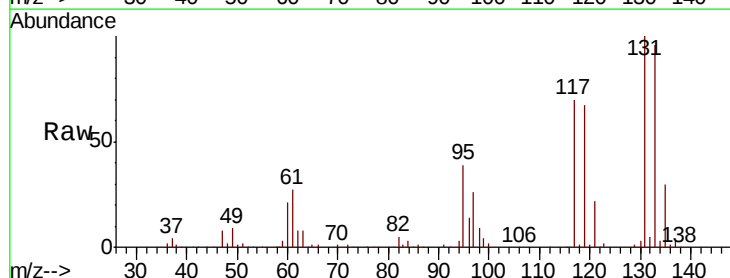
Tgt Ion:131 Resp: 111963

Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.2

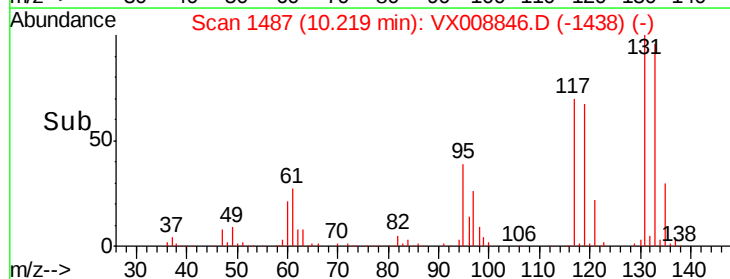
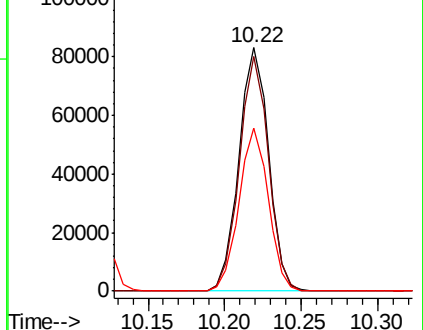
119 66.5 33.7 101.0

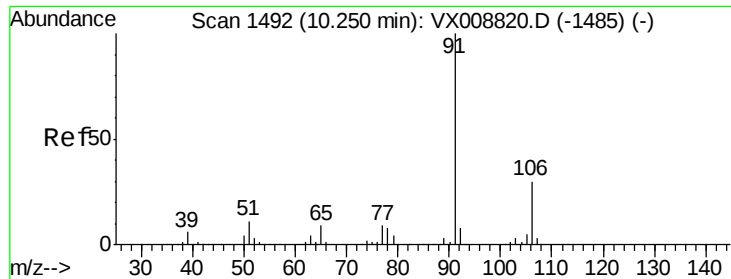


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.170 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

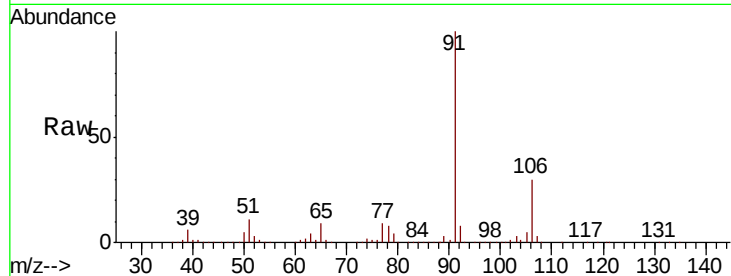
VSTDCCC050

Tgt Ion: 91 Resp: 596194

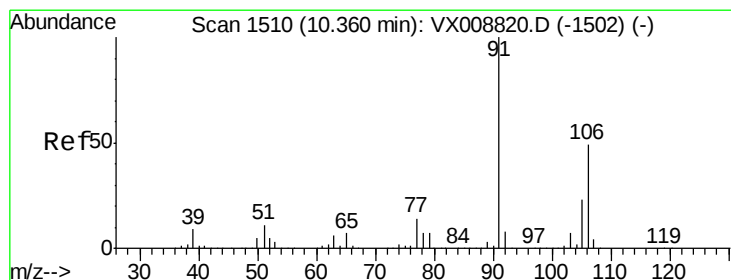
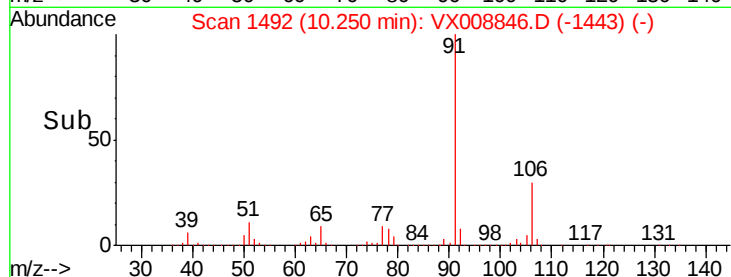
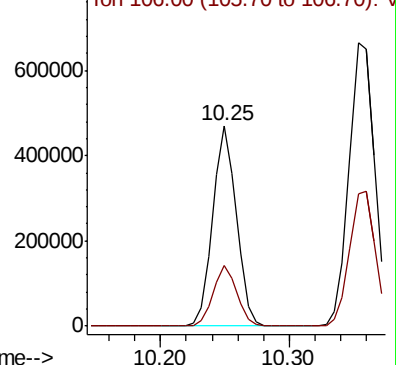
Ion Ratio Lower Upper

91 100

106 30.0 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1485) (-)



#68

m/p-Xylenes

Concen: 105.988 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008846.D

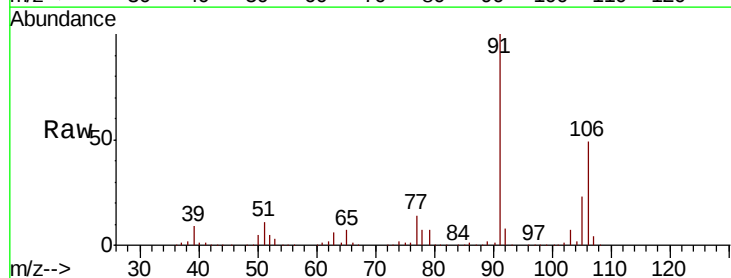
Acq: 11 Apr 2019 12:40

Tgt Ion: 106 Resp: 435503

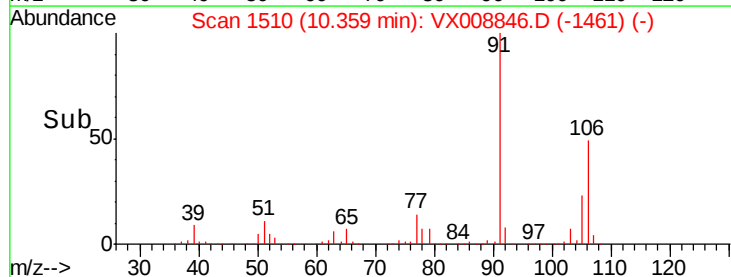
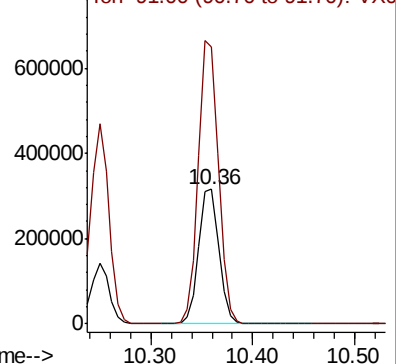
Ion Ratio Lower Upper

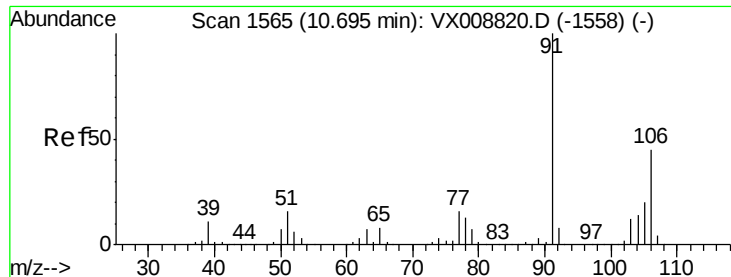
106 100

91 209.2 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): VX008820.D (-1502) (-)

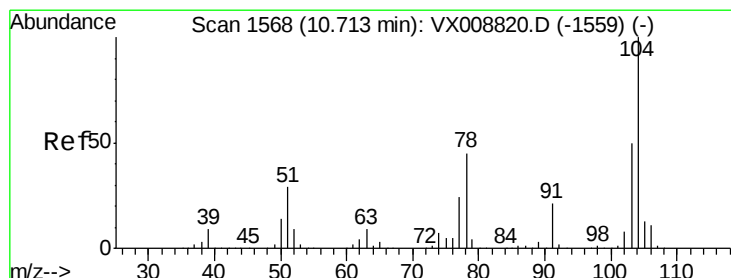
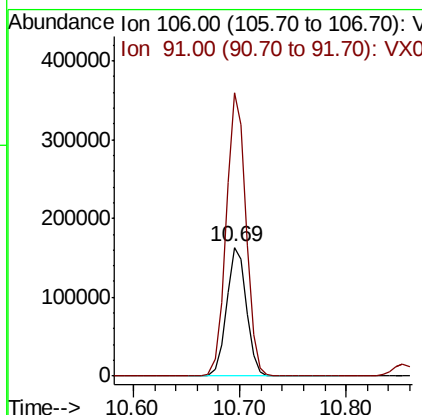
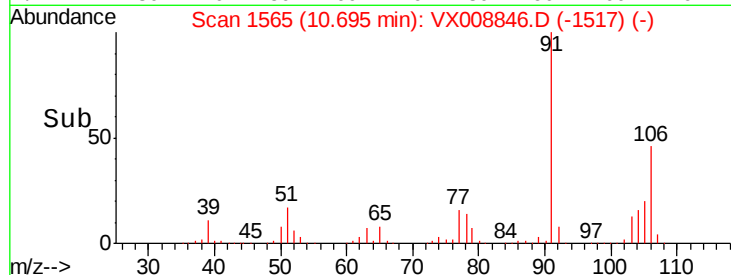
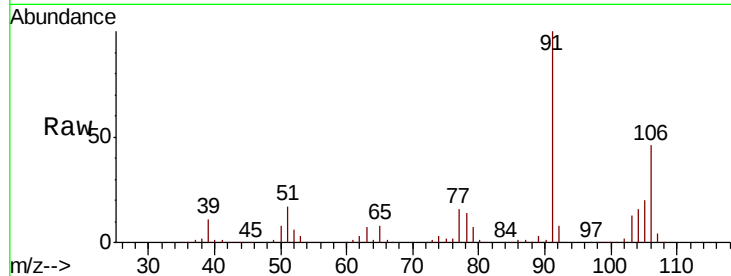




#69
o-Xylene
Concen: 53.261 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

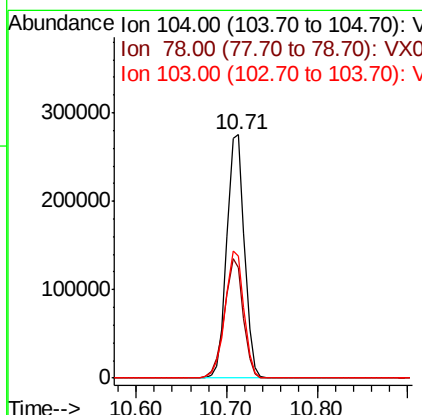
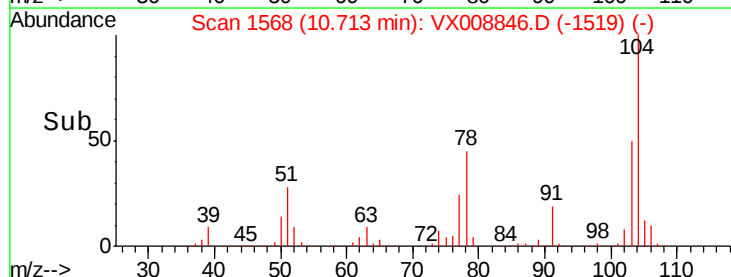
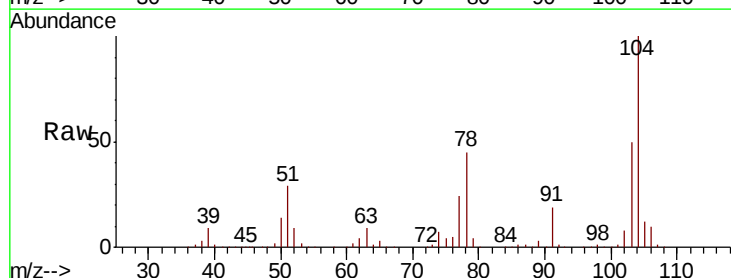
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

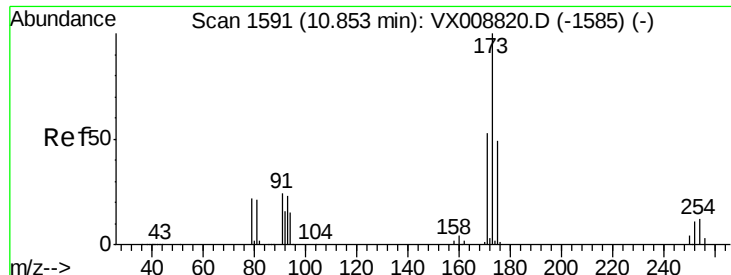
Tgt Ion:106 Resp: 212087
Ion Ratio Lower Upper
106 100
91 219.7 111.5 334.4



#70
Styrene
Concen: 54.128 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008846.D
Acq: 11 Apr 2019 12:40

Tgt Ion:104 Resp: 371542
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.7 44.4 66.6





#71

Bromoform

Concen: 54.279 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

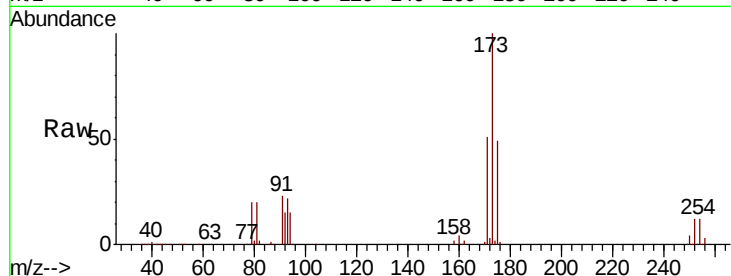
Tgt Ion:173 Resp: 89131

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.6

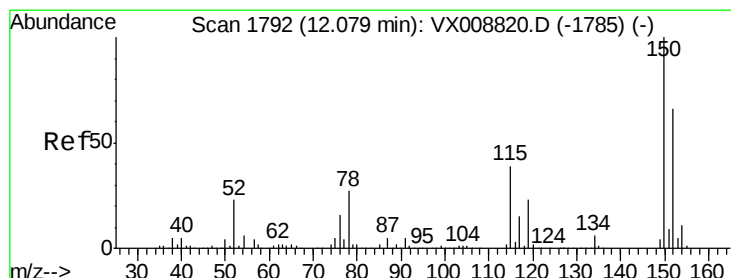
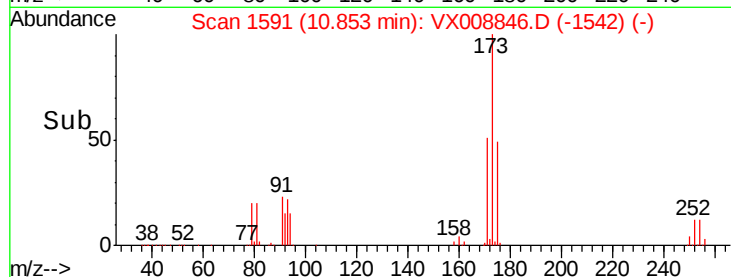
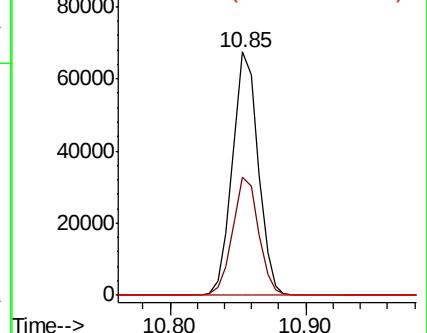
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

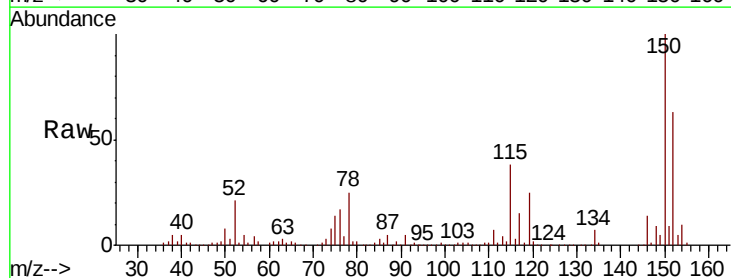
Tgt Ion:152 Resp: 133459

Ion Ratio Lower Upper

152 100

115 87.8 43.5 130.5

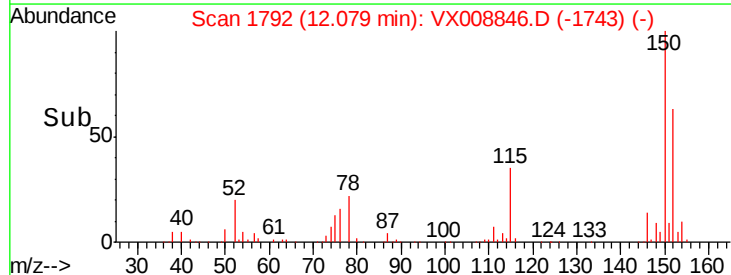
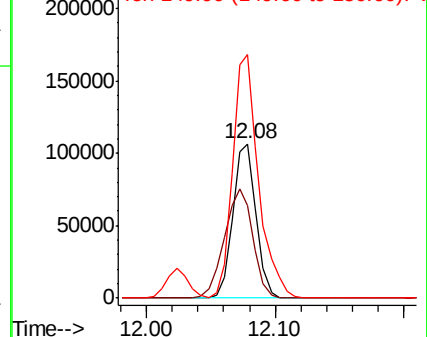
150 176.0 0.0 348.8

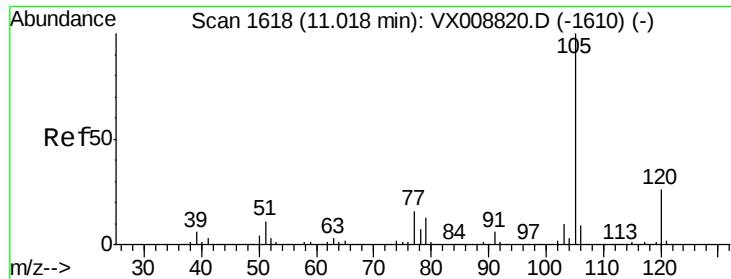


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.366 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

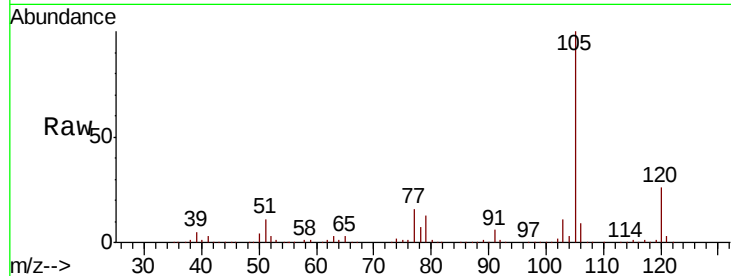
VSTDCCC050

Tgt Ion: 105 Resp: 568116

Ion Ratio Lower Upper

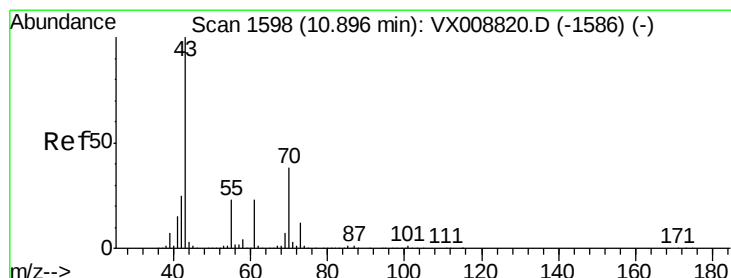
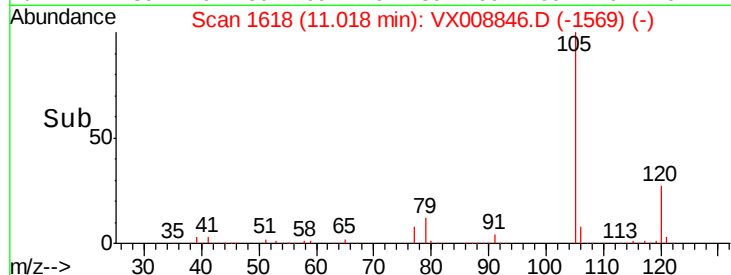
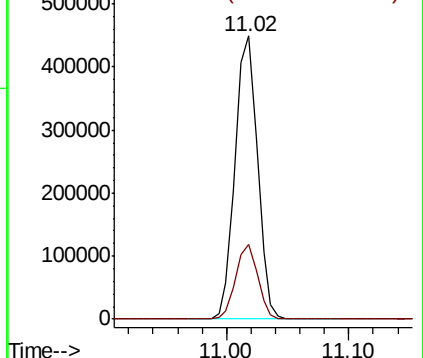
105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.209 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Tgt Ion: 43 Resp: 320212

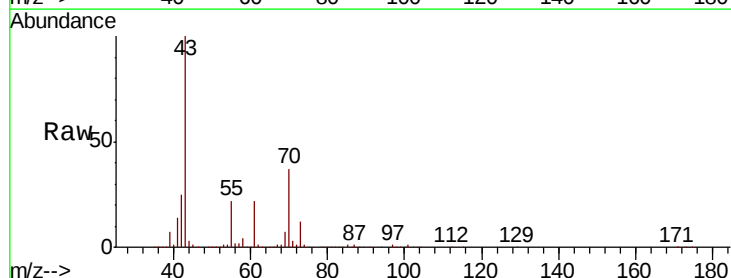
Ion Ratio Lower Upper

43 100

70 37.1 30.2 45.4

55 22.4 18.2 27.4

61 22.3 18.6 28.0

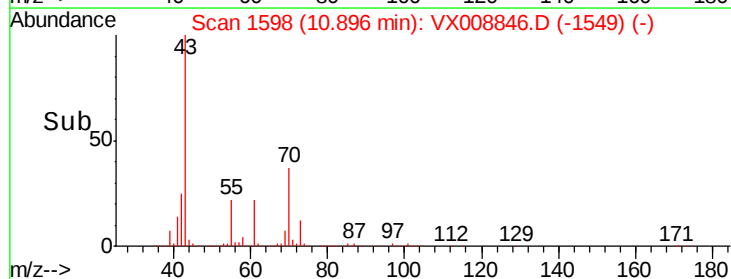
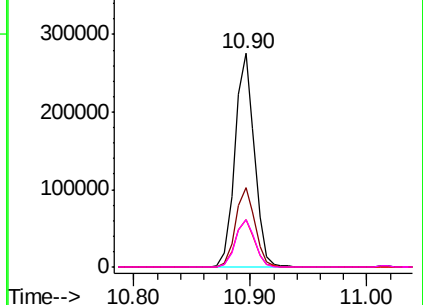


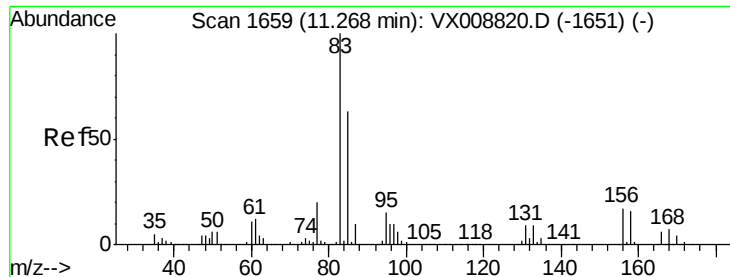
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.943 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

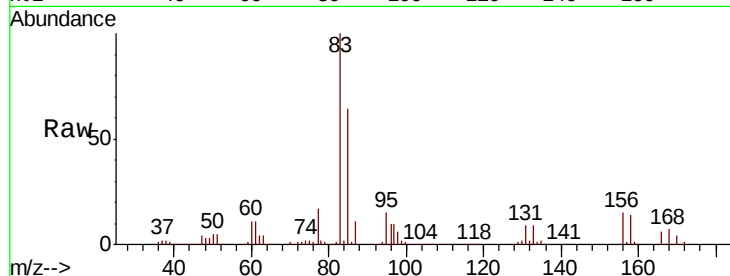
Tgt Ion: 83 Resp: 189046

Ion Ratio Lower Upper

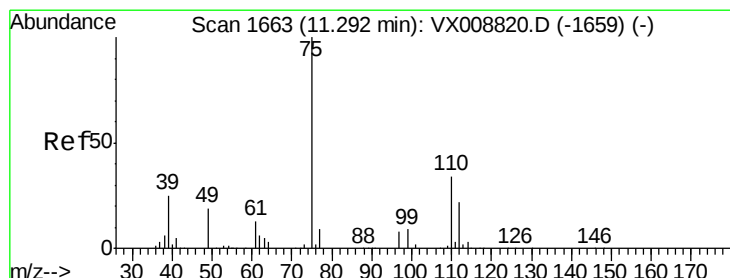
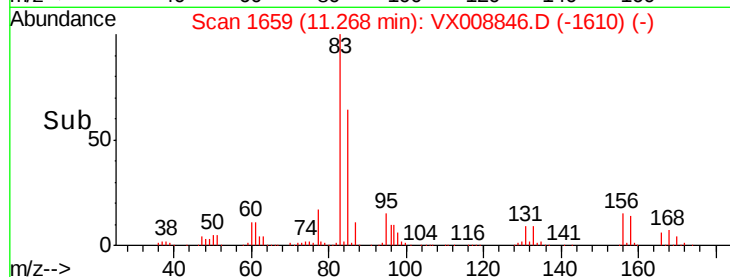
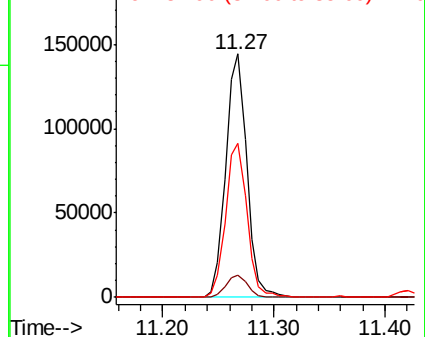
83 100

131 9.4 4.5 13.7

85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.229 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008846.D

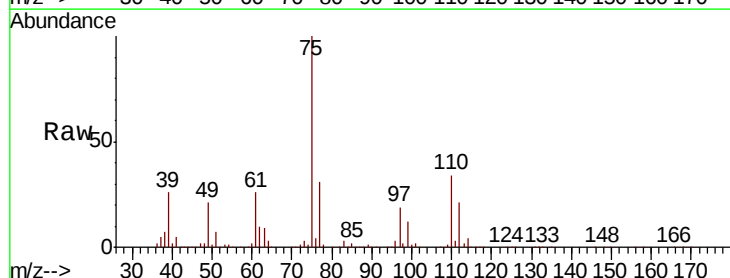
Acq: 11 Apr 2019 12:40

Tgt Ion: 75 Resp: 231813

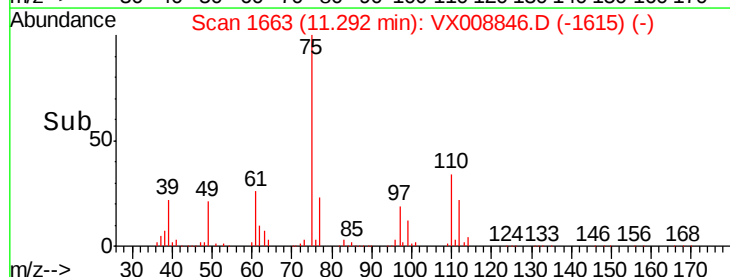
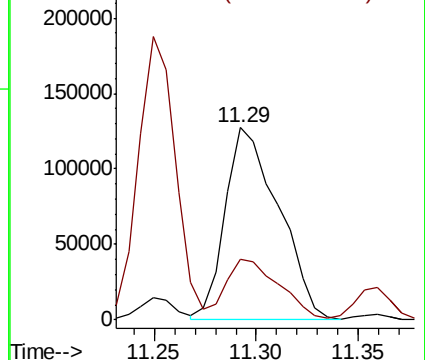
Ion Ratio Lower Upper

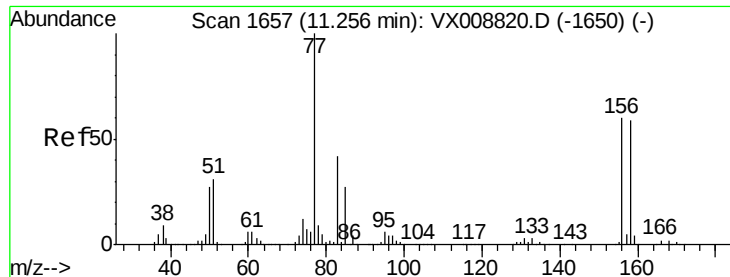
75 100

77 31.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.412 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

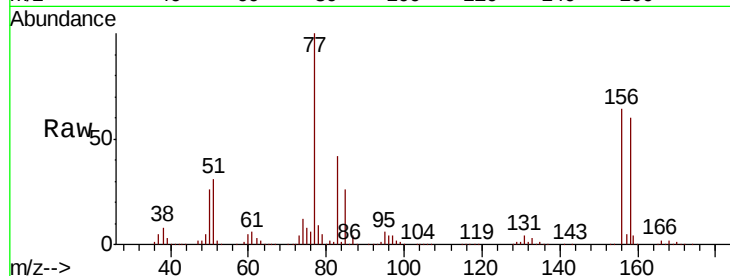
Tgt Ion:156 Resp: 136698

Ion Ratio Lower Upper

156 100

77 173.9 89.8 269.6

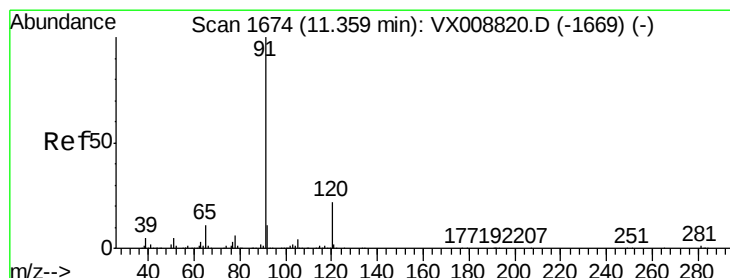
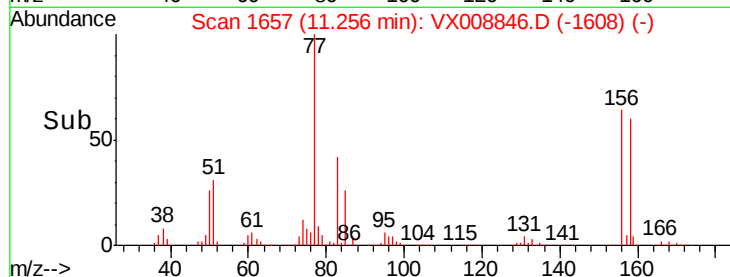
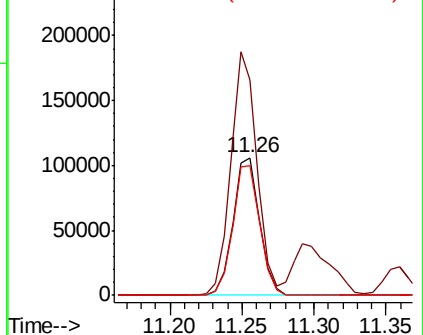
158 96.4 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.437 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008846.D

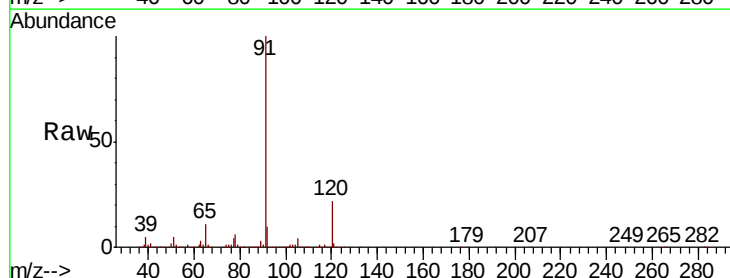
Acq: 11 Apr 2019 12:40

Tgt Ion: 91 Resp: 675290

Ion Ratio Lower Upper

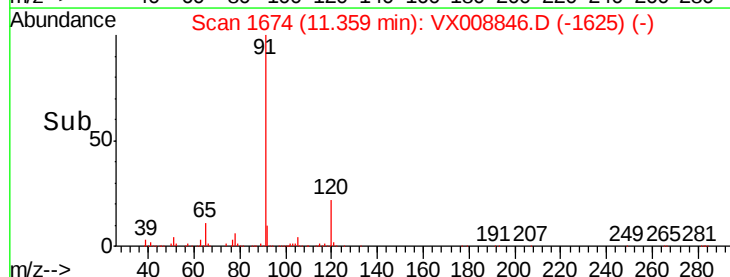
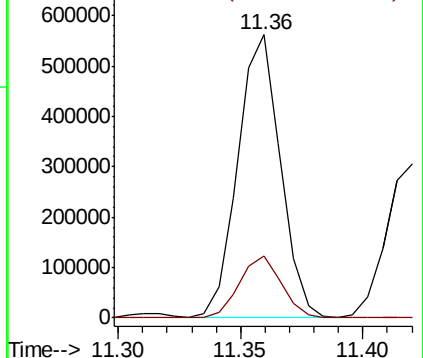
91 100

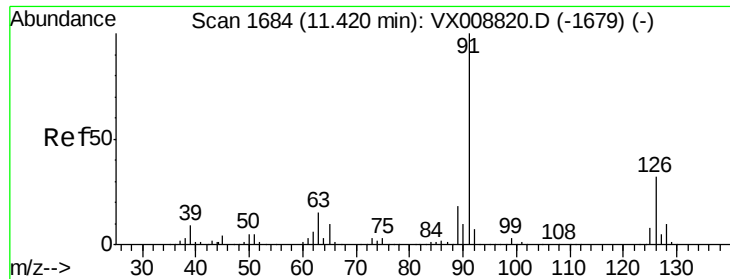
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

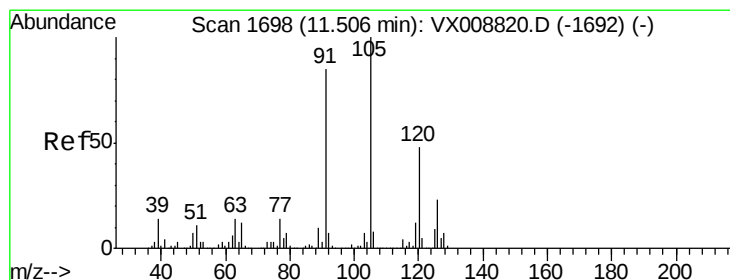
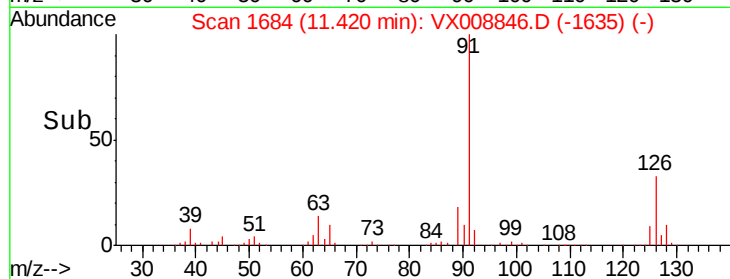
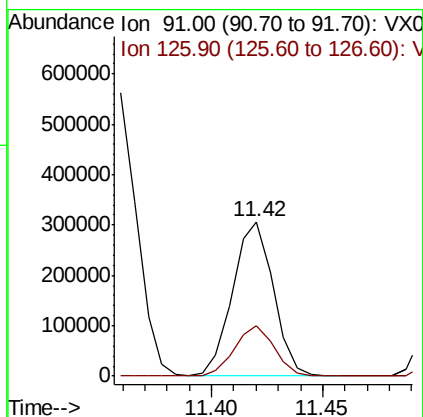
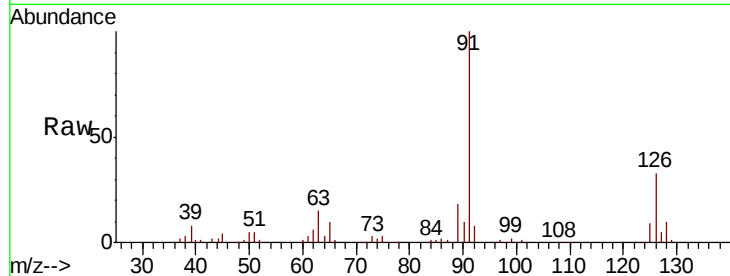




#79
 2-Chlorotoluene
 Concen: 50.107 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

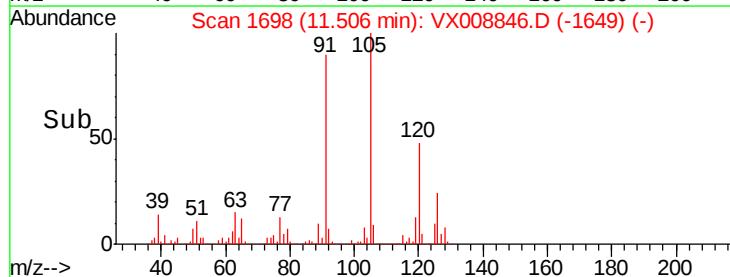
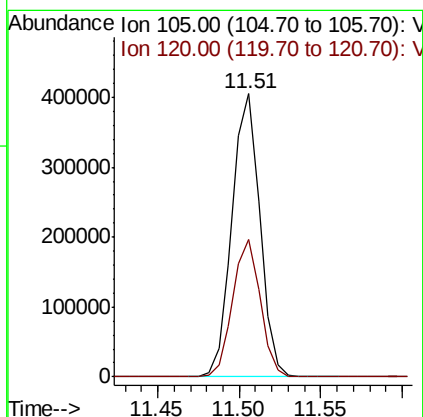
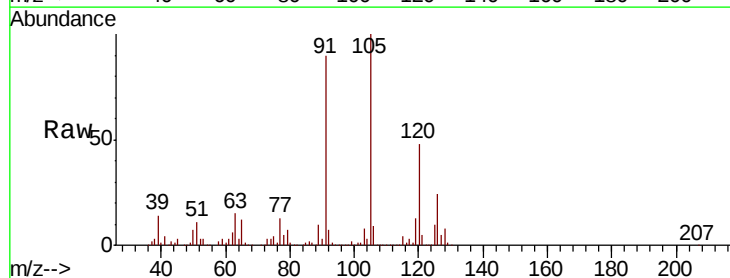
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

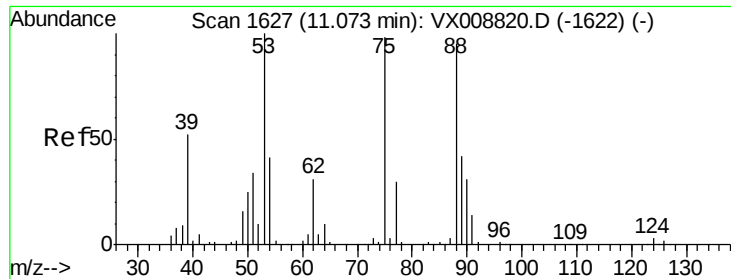
Tgt Ion: 91 Resp: 390500
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.864 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 105 Resp: 481506
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.548 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

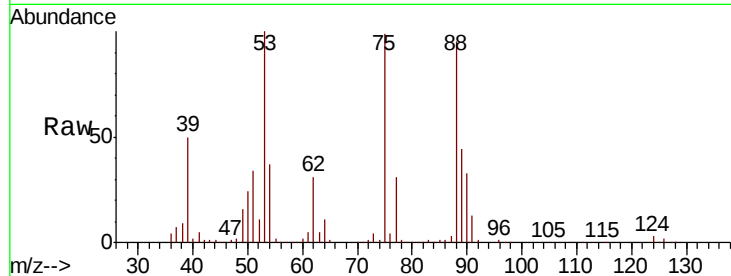
Tgt Ion: 75 Resp: 68560

Ion Ratio Lower Upper

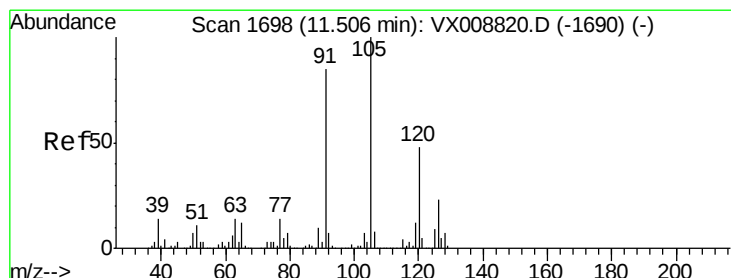
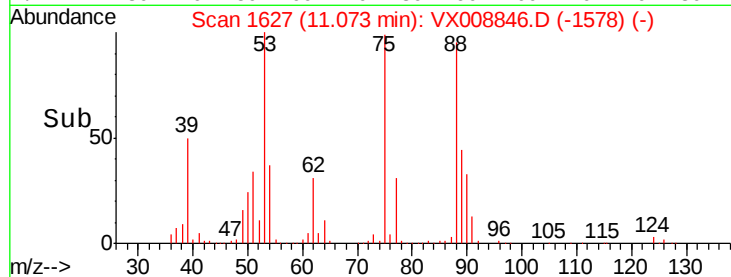
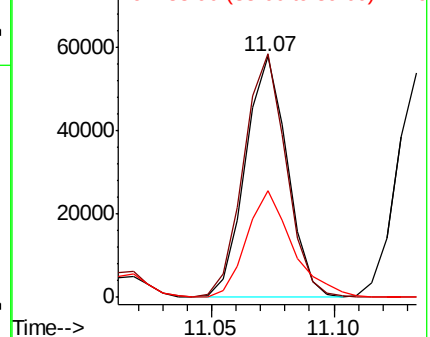
75 100

53 103.0 81.3 121.9

89 49.3 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.691 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008846.D

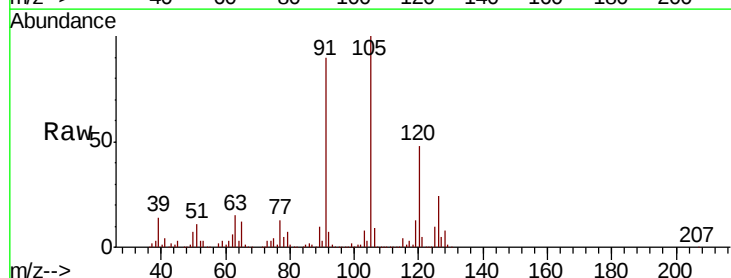
Acq: 11 Apr 2019 12:40

Tgt Ion: 91 Resp: 457278

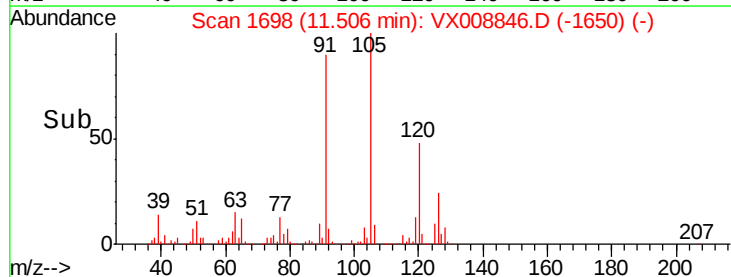
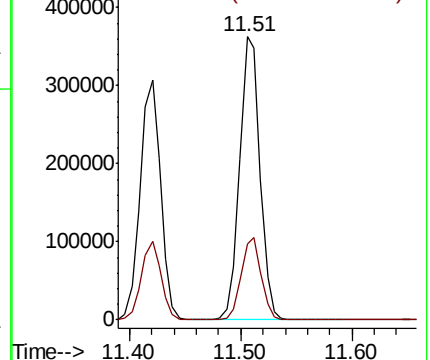
Ion Ratio Lower Upper

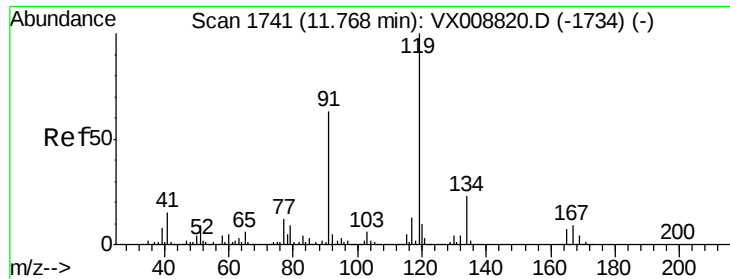
91 100

126 28.3 13.9 41.6



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

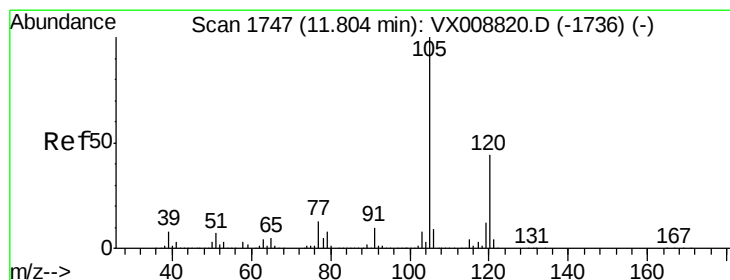
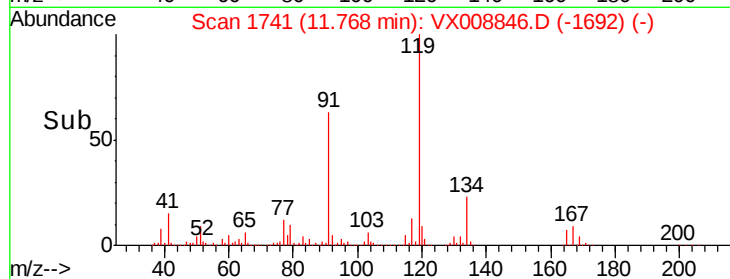
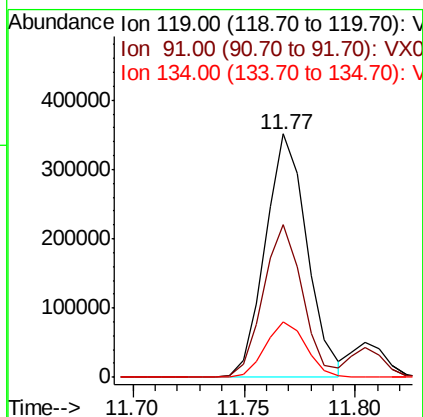
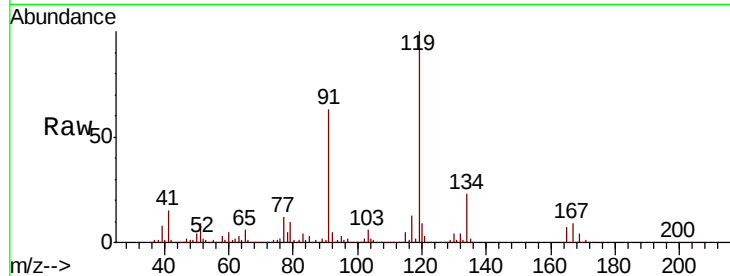




#83
 tert-Butylbenzene
 Concen: 51.116 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

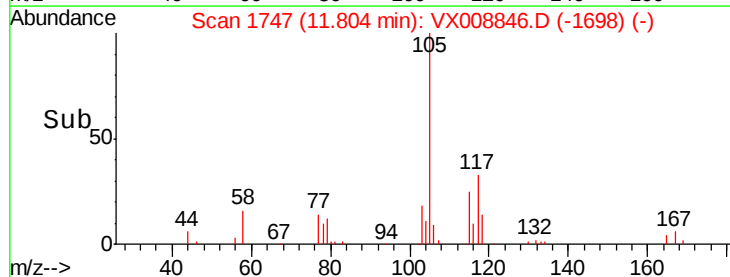
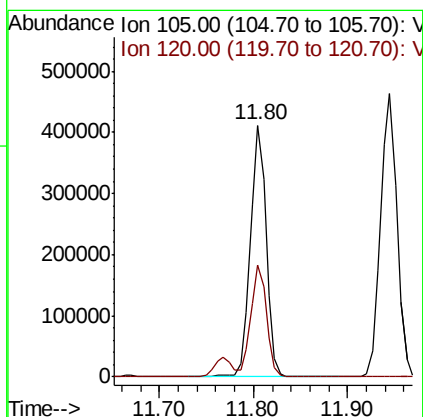
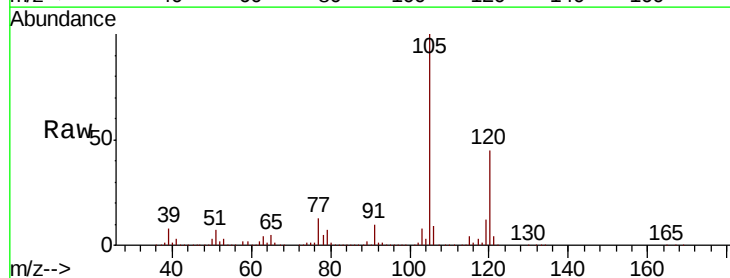
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

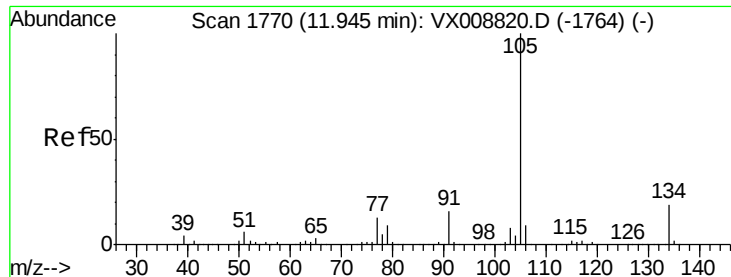
Tgt Ion:119 Resp: 456568
 Ion Ratio Lower Upper
 119 100
 91 59.9 30.0 90.1
 134 22.2 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.552 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion:105 Resp: 484628
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 52.861 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

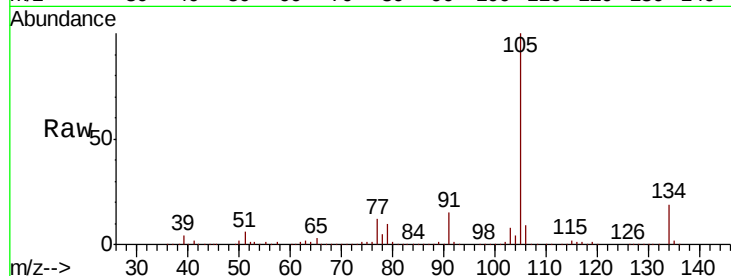
VSTDCCC050

Tgt Ion:105 Resp: 560837

Ion Ratio Lower Upper

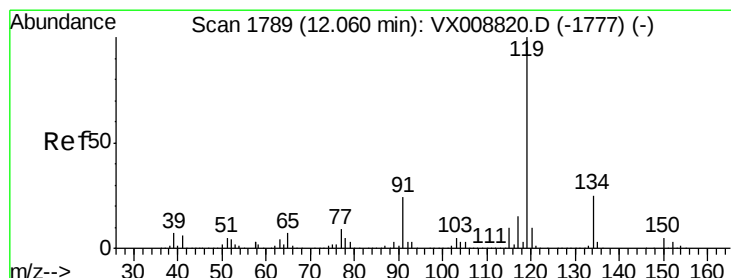
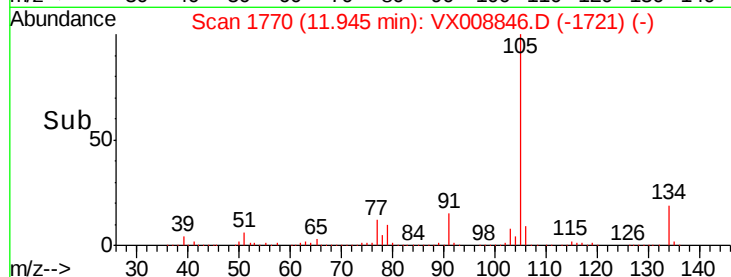
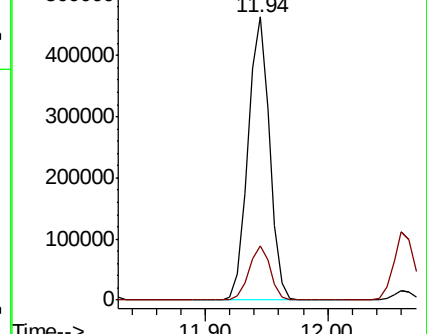
105 100

134 19.0 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.922 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

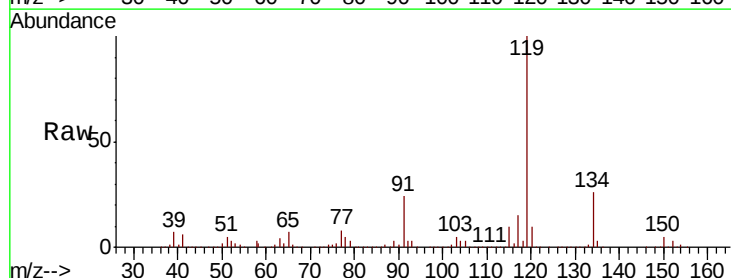
Tgt Ion:119 Resp: 513472

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

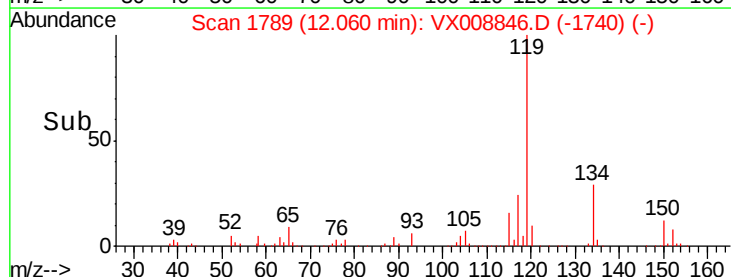
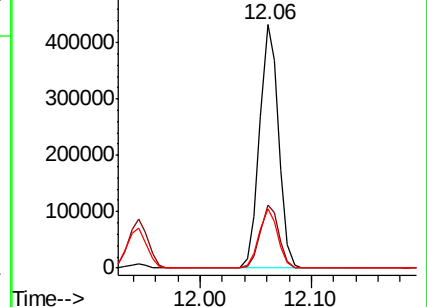
91 23.8 12.2 36.6

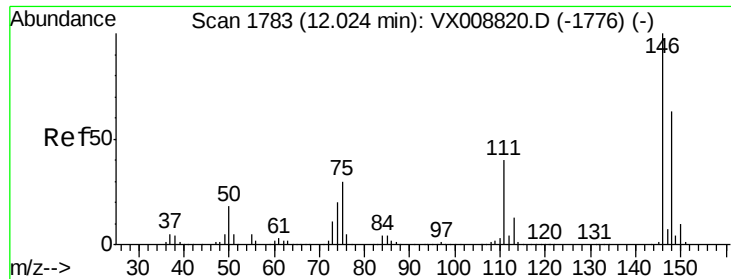


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.563 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

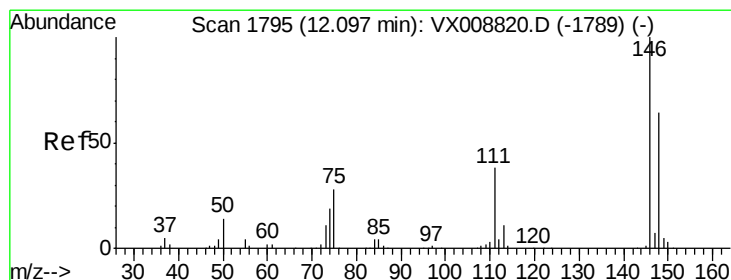
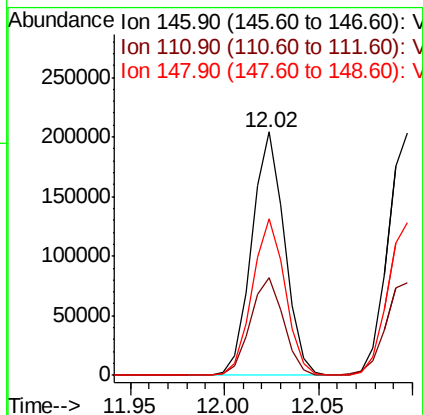
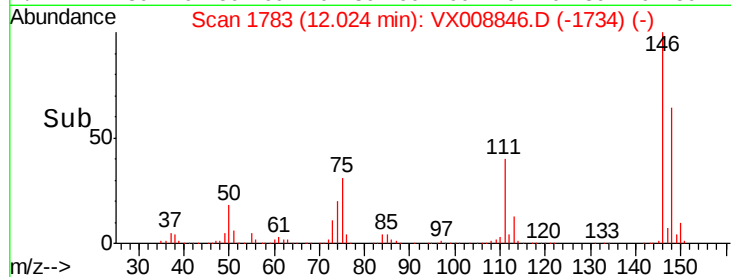
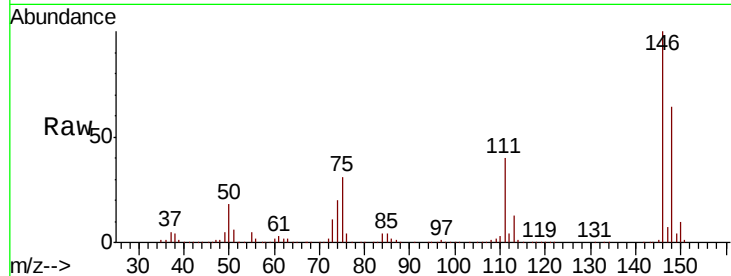
Tgt Ion:146 Resp: 245440

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.5

148 64.5 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 50.232 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

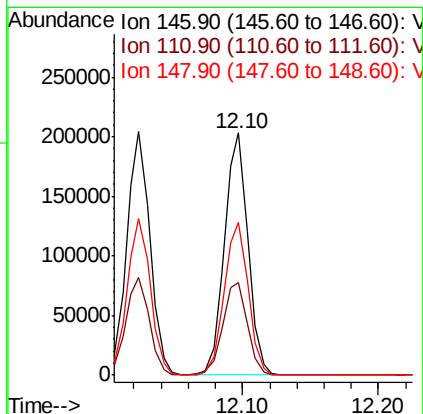
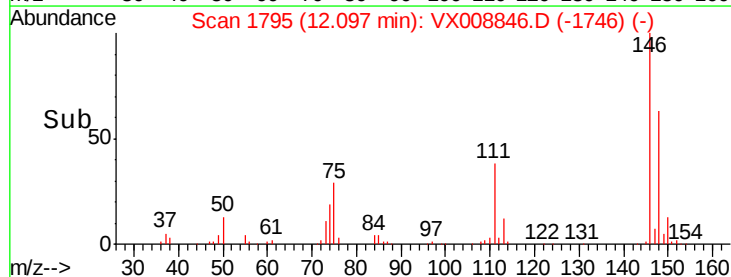
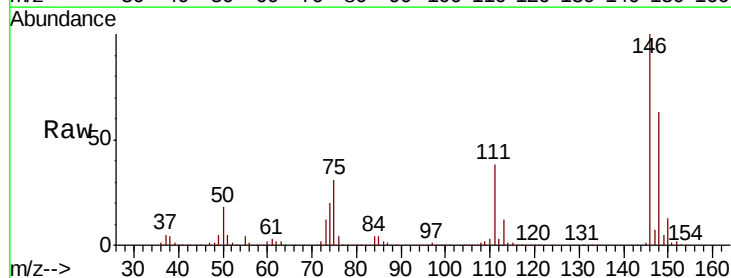
Tgt Ion:146 Resp: 242119

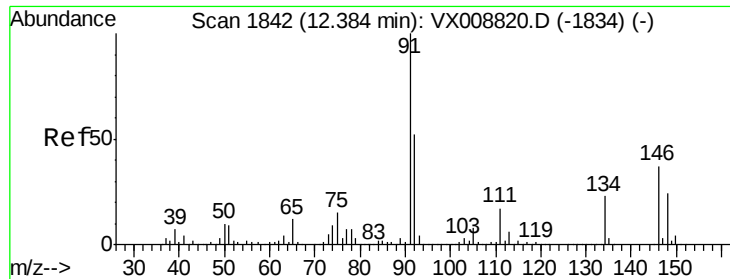
Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.6

148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 54.694 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

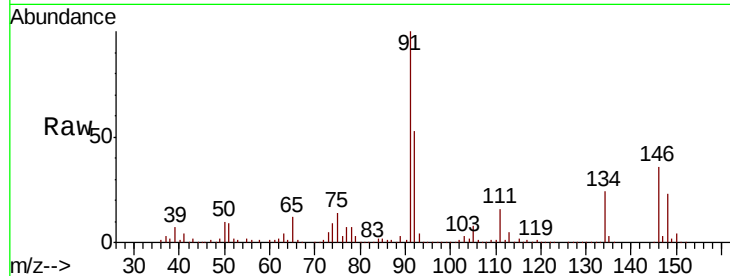
Tgt Ion: 91 Resp: 488444

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.4 12.0 36.0

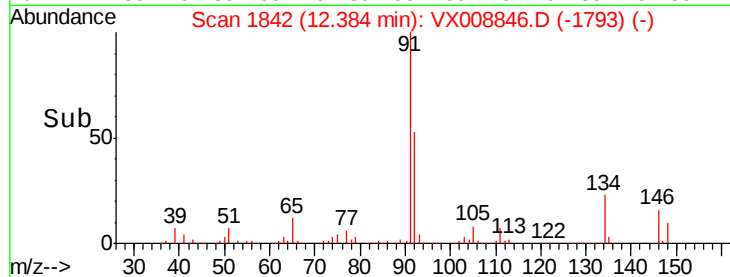


Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008820.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008820.D (-1834) (-)

Time-->

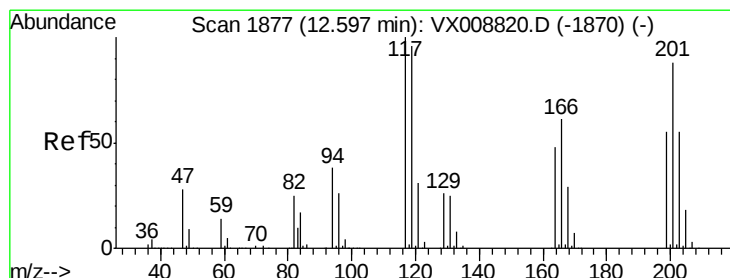


Abundance Ion 91.00 (90.70 to 91.70): VX008846.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008846.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008846.D (-1793) (-)

Time-->



#90

Hexachloroethane

Concen: 52.658 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008846.D

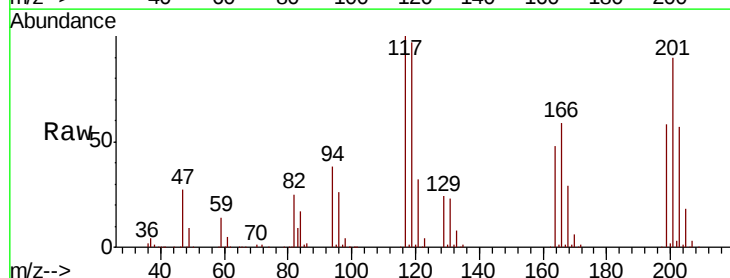
Acq: 11 Apr 2019 12:40

Tgt Ion: 117 Resp: 83169

Ion Ratio Lower Upper

117 100

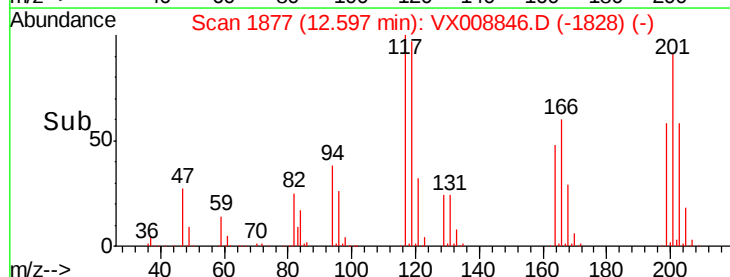
201 85.3 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008820.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008820.D (-1870) (-)

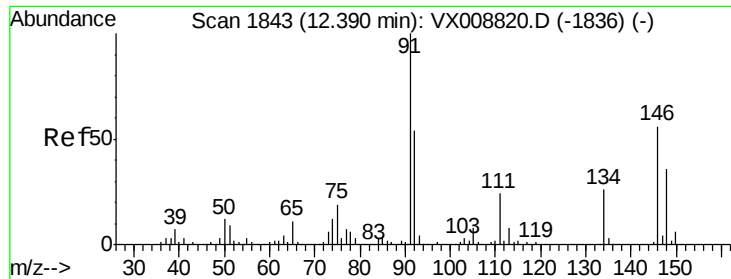
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX008846.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008846.D (-1828) (-)

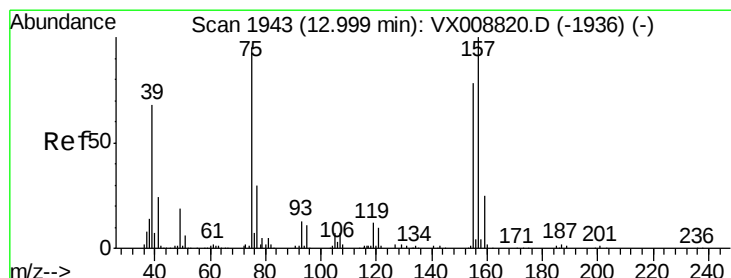
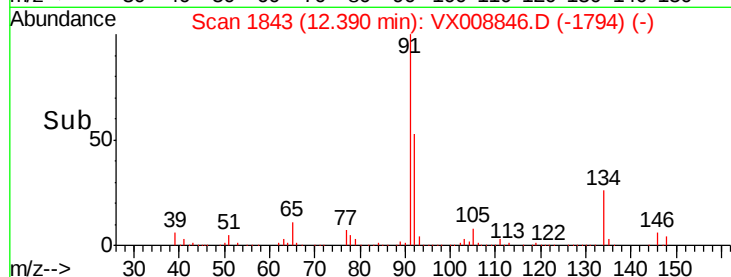
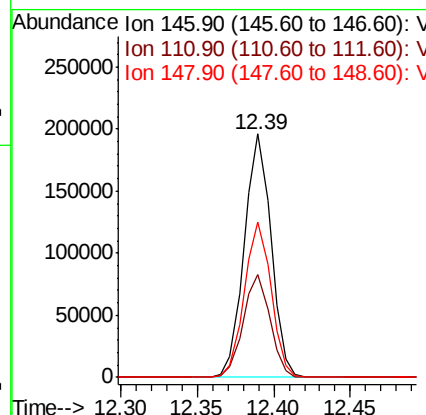
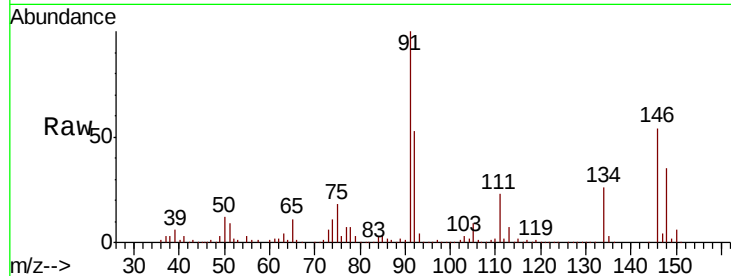
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 50.382 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

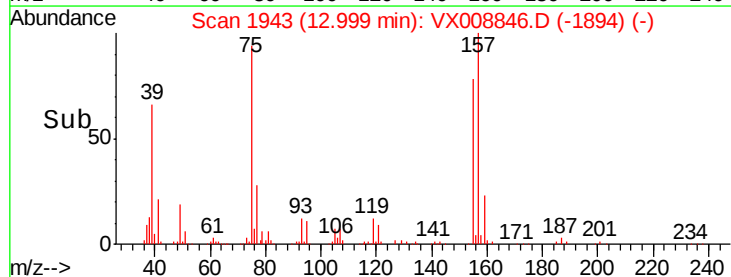
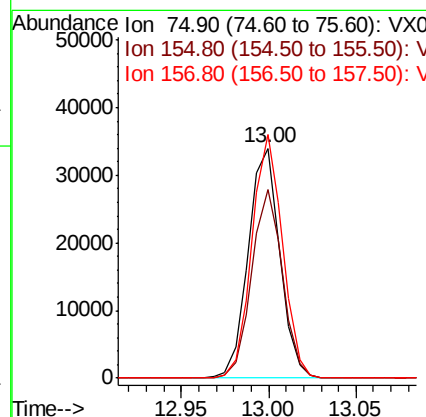
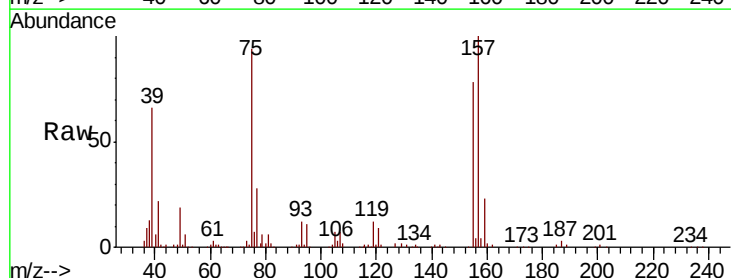
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

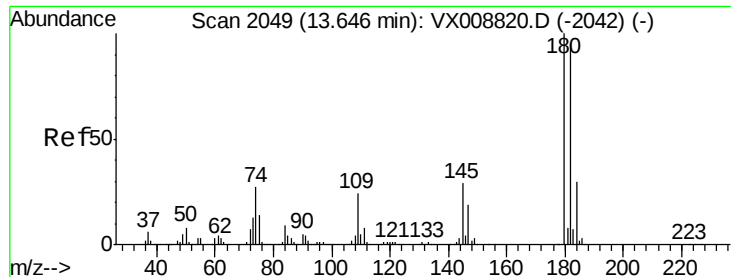
Tgt Ion:146 Resp: 238109
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.9
 148 63.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.221 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion: 75 Resp: 42769
 Ion Ratio Lower Upper
 75 100
 155 79.6 39.9 119.6
 157 102.1 51.5 154.7

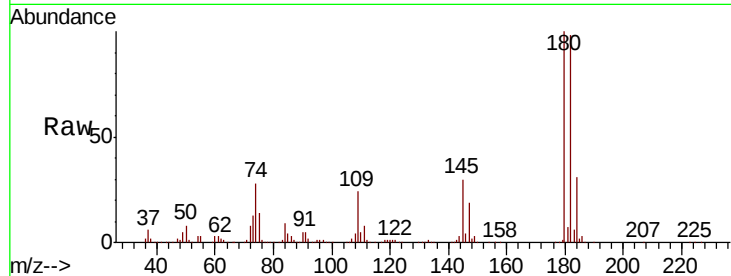




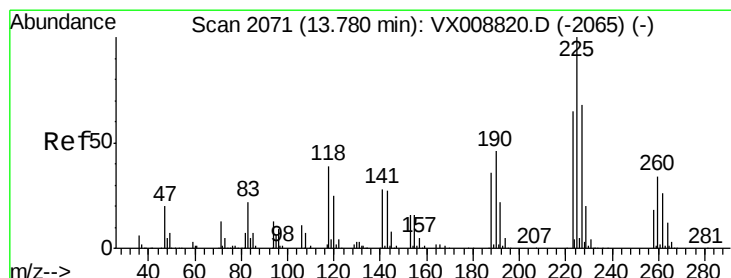
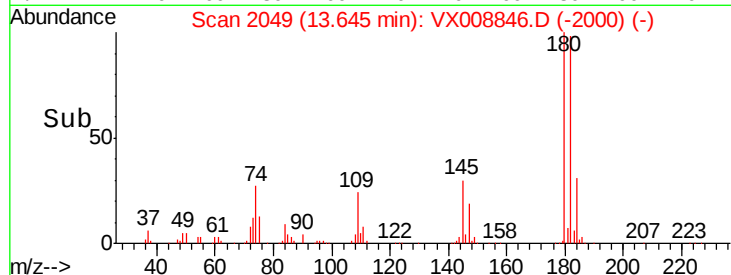
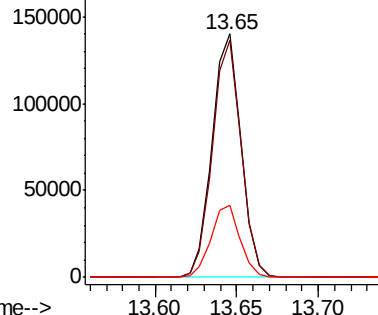
#93
 1,2,4-Trichlorobenzene
 Concen: 52.799 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 173497
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.2 141.6
 145 29.7 15.3 45.9

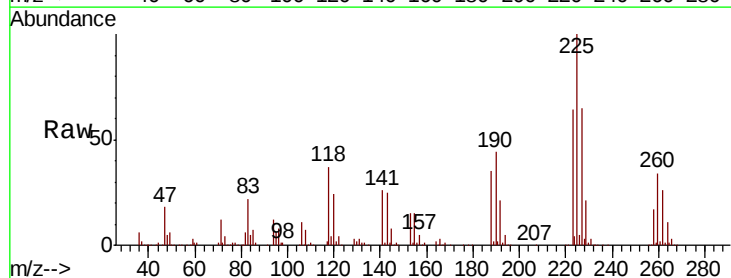


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

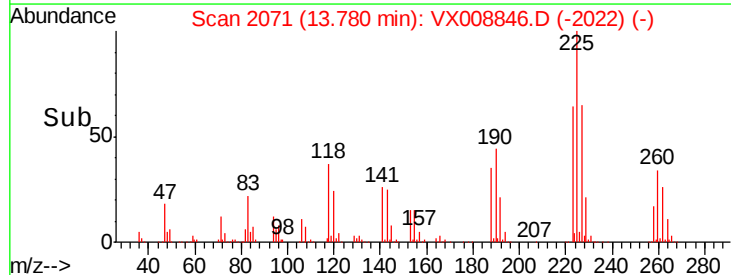
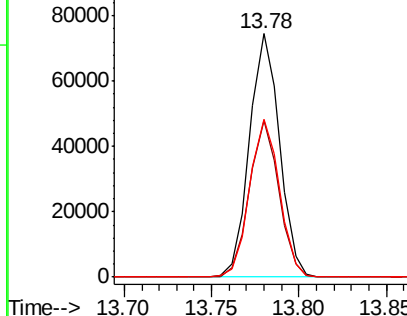


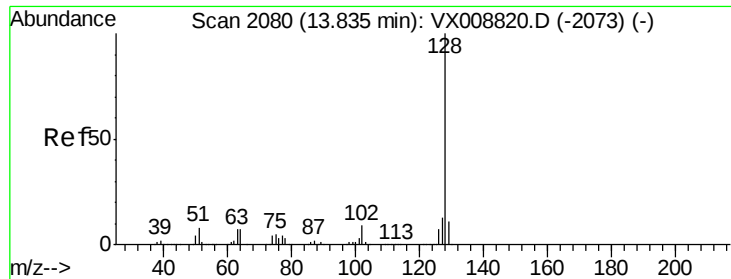
#94
 Hexachlorobutadiene
 Concen: 56.447 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008846.D
 Acq: 11 Apr 2019 12:40

Tgt Ion:225 Resp: 88956
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.2 93.6
 227 64.5 31.9 95.5



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





#95

Naphthalene

Concen: 49.803 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

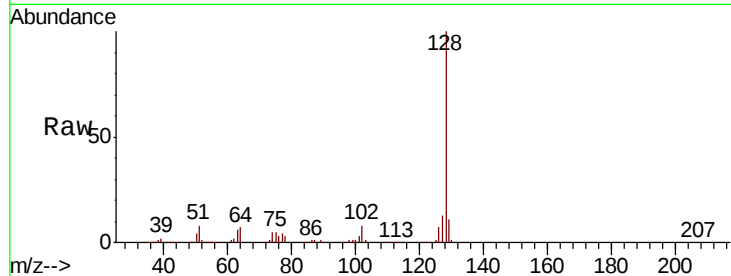
Tgt Ion:128 Resp: 546957

Ion Ratio Lower Upper

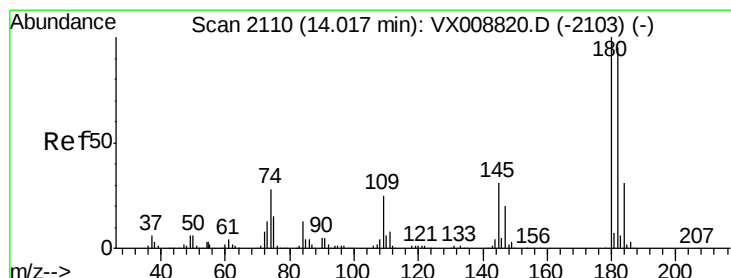
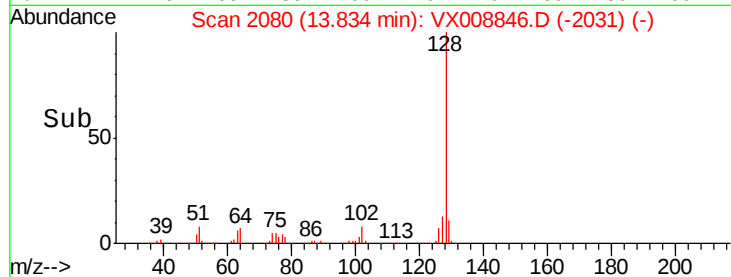
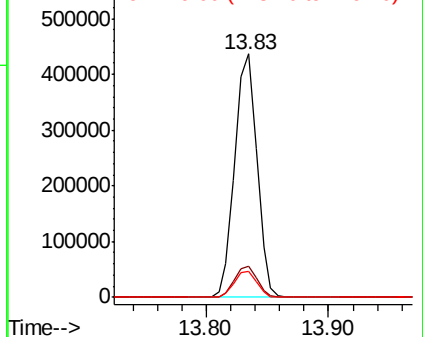
128 100

127 13.2 10.4 15.6

129 10.8 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 52.919 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008846.D

Acq: 11 Apr 2019 12:40

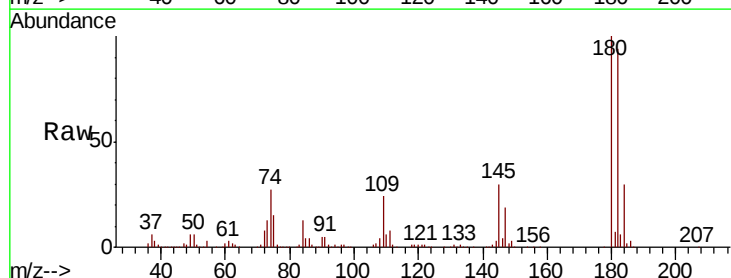
Tgt Ion:180 Resp: 173740

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.3

145 30.7 16.3 48.8



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

