

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009556.D
 Acq On : 14 May 2019 12:17
 Operator : JC/SP
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Quant Time: May 15 01:52:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	161152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112024	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110204	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	5.49	113	81934	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	8.71	98	331740	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.13	95	123245	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	26193	17.638	ug/l	99
3) Chloromethane	1.32	50	38872	19.173	ug/l	99
4) Vinyl Chloride	1.41	62	37892	19.166	ug/l	100
5) Bromomethane	1.64	94	23242	19.586	ug/l	98
6) Chloroethane	1.72	64	24076	18.968	ug/l	93
7) Trichlorofluoromethane	1.93	101	47575	19.797	ug/l	97
8) Diethyl Ether	2.18	74	22033	19.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30251	20.045	ug/l	97
10) Methyl Iodide	2.51	142	31400	20.856	ug/l	98
11) Tert butyl alcohol	3.04	59	41542	81.579	ug/l	98
12) 1,1-Dichloroethene	2.37	96	29154	19.281	ug/l	99
13) Acrolein	2.29	56	32465	70.397	ug/l	100
14) Allyl chloride	2.73	41	68469	18.581	ug/l	99
15) Acrylonitrile	3.14	53	112453	90.317	ug/l	99
16) Acetone	2.44	43	111062	94.019	ug/l	97
17) Carbon Disulfide	2.57	76	80393	18.937	ug/l	99
18) Methyl Acetate	2.77	43	50015	17.803	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	112526	19.164	ug/l	100
20) Methylene Chloride	2.85	84	36001	18.823	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	31814	19.401	ug/l	98
22) Diisopropyl ether	3.85	45	136867	19.314	ug/l	93
23) Vinyl Acetate	3.81	43	593777	97.849	ug/l	99
24) 1,1-Dichloroethane	3.70	63	65815	18.826	ug/l	99
25) 2-Butanone	4.67	43	167488	91.241	ug/l	99
26) 2,2-Dichloropropane	4.58	77	50129	19.265	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	38013	19.421	ug/l	99
28) Bromochloromethane	5.01	49	25232	16.070	ug/l	100
29) Tetrahydrofuran	5.12	42	108528	91.877	ug/l	100
30) Chloroform	5.20	83	61334	19.398	ug/l	100
31) Cyclohexane	5.57	56	65229	20.055	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	51115	19.420	ug/l	99
36) 1,1-Dichloropropene	5.80	75	46011	20.171	ug/l	98
37) Ethyl Acetate	4.82	43	61626	19.390	ug/l	99
38) Carbon Tetrachloride	5.79	117	42403	20.460	ug/l	98

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Quant Time: May 15 01:52:19 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60356	21.545	ug/l	99
40) Benzene	6.14	78	144872	20.521	ug/l	98
41) Methacrylonitrile	5.04	41	36125	19.095	ug/l	99
42) 1,2-Dichloroethane	6.19	62	52218	20.620	ug/l	100
43) Isopropyl Acetate	6.43	43	99183	19.510	ug/l	99
44) Trichloroethene	7.21	130	35229	20.642	ug/l	93
45) 1,2-Dichloropropane	7.51	63	40295	20.158	ug/l	99
46) Dibromomethane	7.66	93	23584	20.317	ug/l	99
47) Bromodichloromethane	7.90	83	46718	20.176	ug/l	99
48) Methyl methacrylate	7.77	41	49834	19.758	ug/l	100
49) 1,4-Dioxane	7.73	88	17838	348.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	325514	97.963	ug/l	100
52) Toluene	8.78	92	89972	20.966	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53500	20.465	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59658	20.617	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	35977	20.550	ug/l	97
56) Ethyl methacrylate	9.18	69	62084	19.866	ug/l	98
57) 1,3-Dichloropropane	9.37	76	62950	20.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	137579	82.984	ug/l	100
59) 2-Hexanone	9.49	43	252142	96.617	ug/l	99
60) Dibromochloromethane	9.58	129	34332	20.078	ug/l	97
61) 1,2-Dibromoethane	9.67	107	36049	20.398	ug/l	99
64) Tetrachloroethene	9.33	164	32130	20.888	ug/l	98
65) Chlorobenzene	10.13	112	92807	20.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	32694	20.103	ug/l	100
67) Ethyl Benzene	10.25	91	171365	20.757	ug/l	98
68) m/p-Xylenes	10.35	106	124663	41.321	ug/l	97
69) o-Xylene	10.69	106	60460	20.311	ug/l	98
70) Styrene	10.71	104	105206	20.335	ug/l	99
71) Bromoform	10.85	173	25590	19.362	ug/l #	99
73) Isopropylbenzene	11.02	105	165214	20.281	ug/l	99
74) N-amyl acetate	10.90	43	88499	18.634	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58058	19.118	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	65571	25.234	ug/l	82
77) Bromobenzene	11.26	156	40318	19.940	ug/l	99
78) n-propylbenzene	11.36	91	189905	20.412	ug/l	100
79) 2-Chlorotoluene	11.42	91	114267	19.908	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	139898	20.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18684	18.397	ug/l	94
82) 4-Chlorotoluene	11.51	91	131275	20.245	ug/l	99
83) tert-Butylbenzene	11.77	119	133779	20.049	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	141378	20.535	ug/l	99
85) sec-Butylbenzene	11.94	105	161846	20.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	146431	20.590	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73143	20.292	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	73553	20.240	ug/l	99
89) n-Butylbenzene	12.38	91	133439	20.759	ug/l	99
90) Hexachloroethane	12.60	117	23520	19.412	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	72874	19.850	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12242	17.970	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
VX0514WBS01

Quant Time: May 15 01:52:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

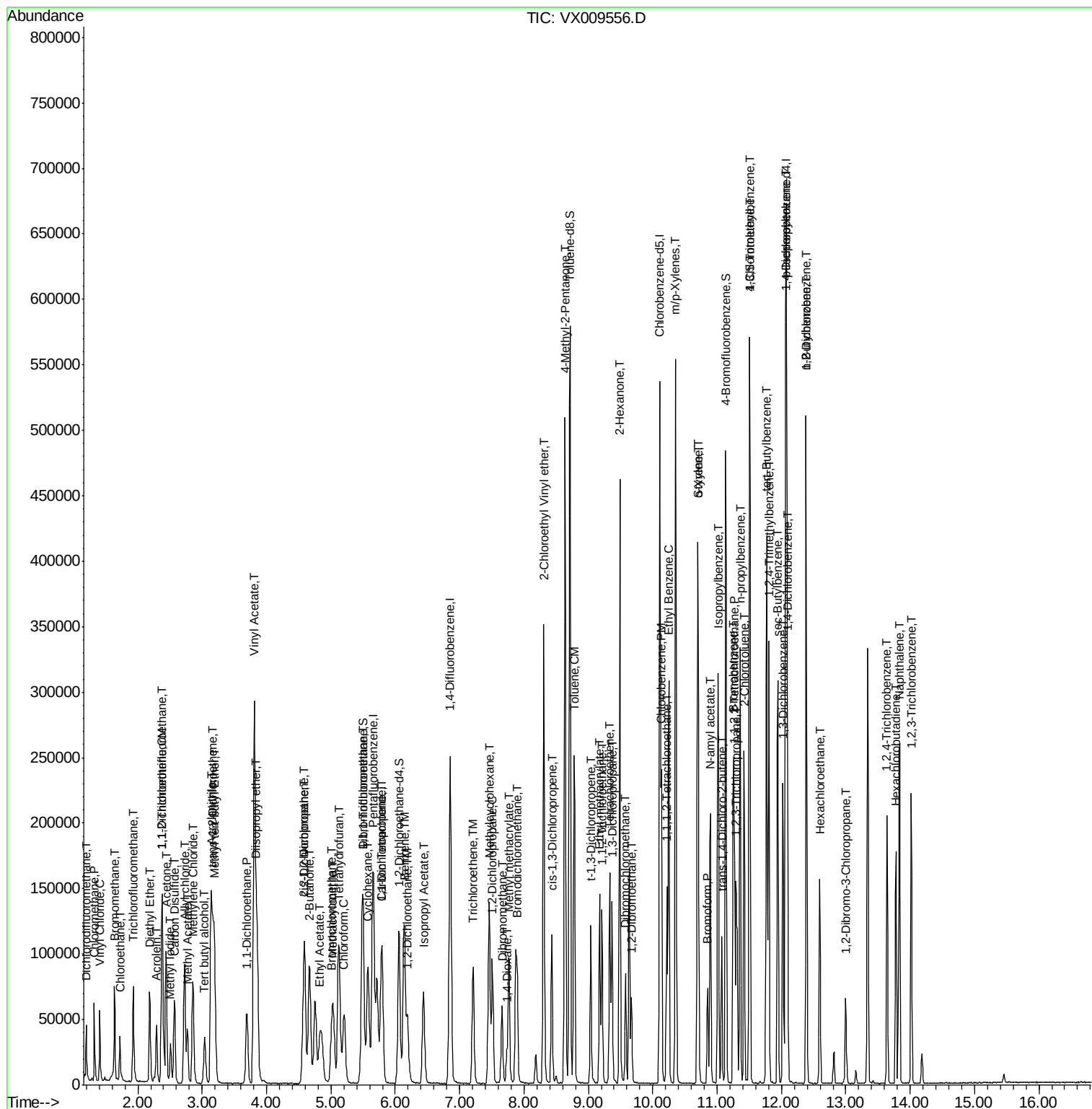
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51941	20.689	ug/l	99
94) Hexachlorobutadiene	13.78	225	26928	21.004	ug/l	99
95) Naphthalene	13.83	128	160974	19.708	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	53011	20.831	ug/l	100

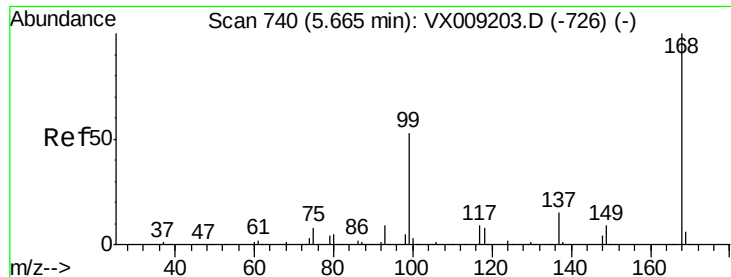
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX051419\
Data File : VX009556.D
Acq On : 14 May 2019 12:17
Operator : JC/SP
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA X/WATER
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ClientSampleId :
VX0514WBS01

Quant Time: May 15 01:52:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

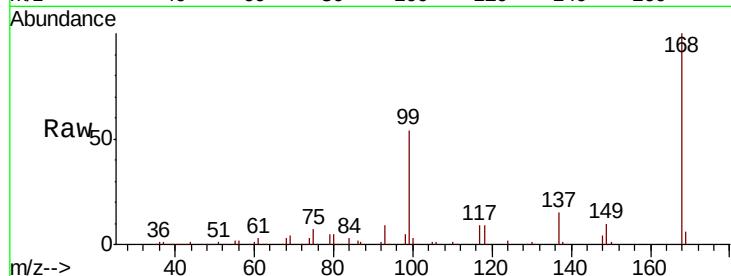
VX0514WBS01

Tot Ion:168 Resp: 161152

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

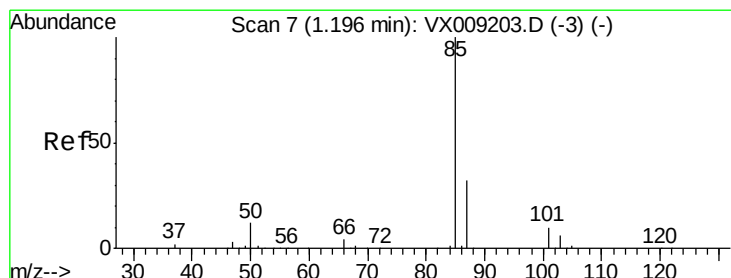
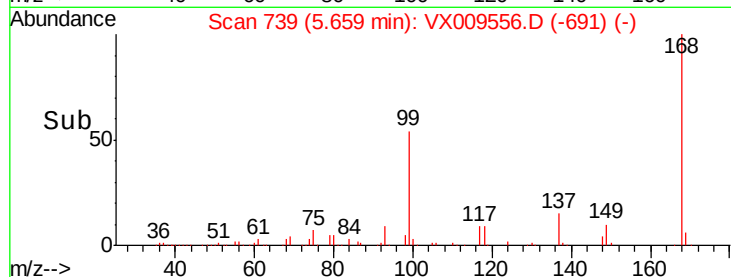
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.638 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009556.D

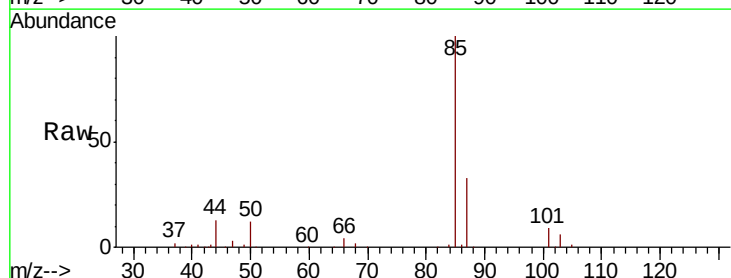
Acq: 14 May 2019 12:17

Tgt Ion: 85 Resp: 26193

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

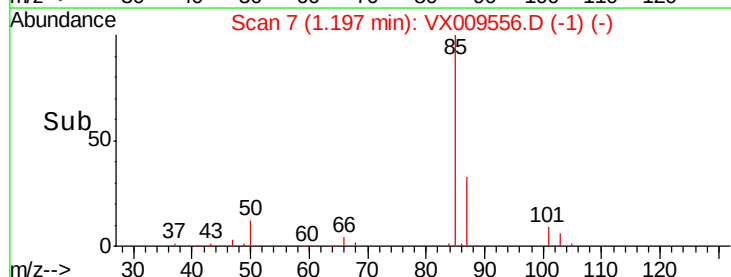
15000

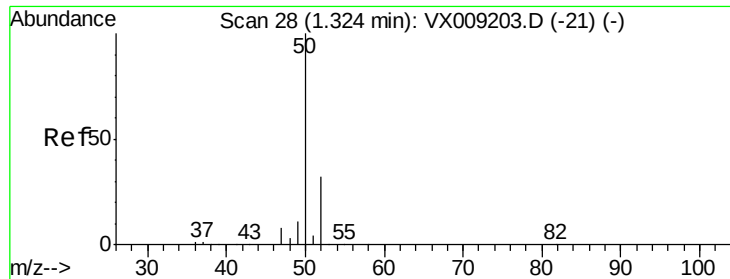
10000

5000

0

Time--> 1.15 1.20 1.25

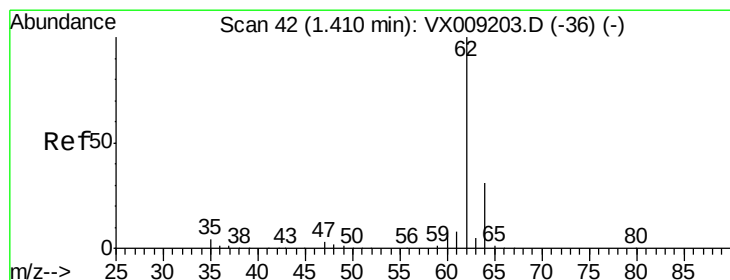
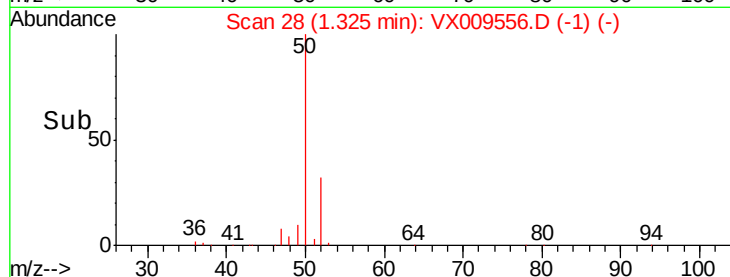
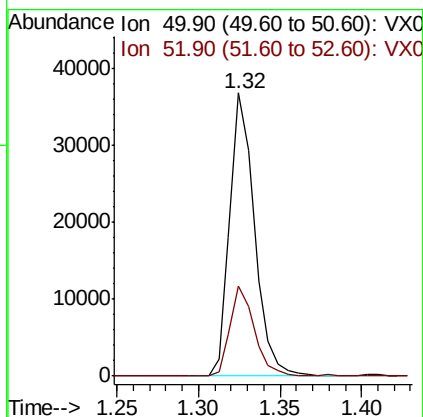
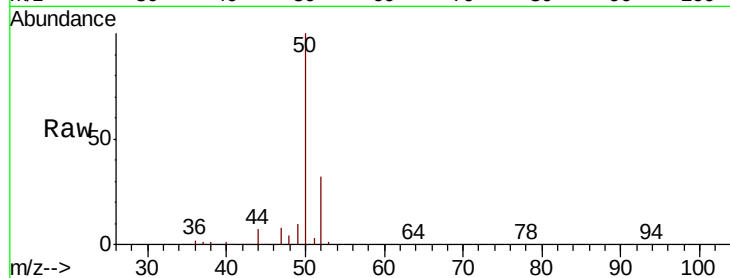




#3
Chloromethane
Concen: 19.173 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

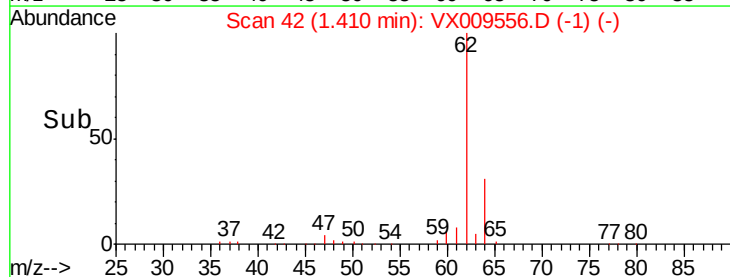
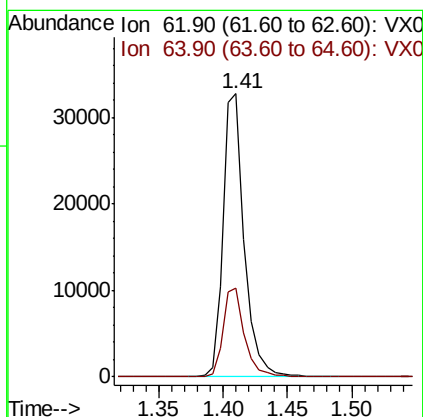
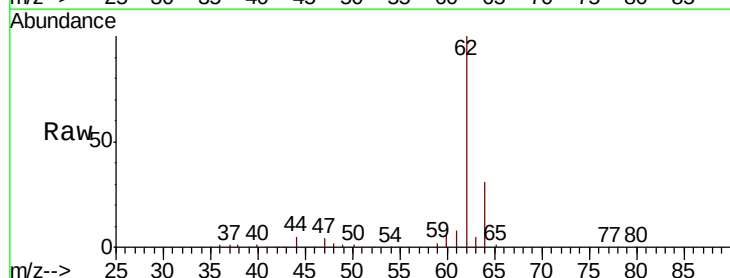
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

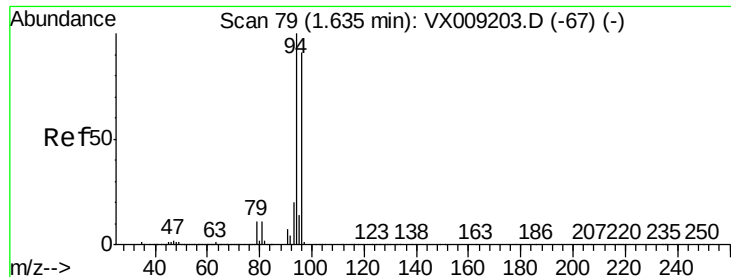
Tot Ion: 50 Resp: 38872
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 19.166 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 62 Resp: 37892
Ion Ratio Lower Upper
62 100
64 30.9 24.6 36.8





#5

Bromomethane

Concen: 19.586 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

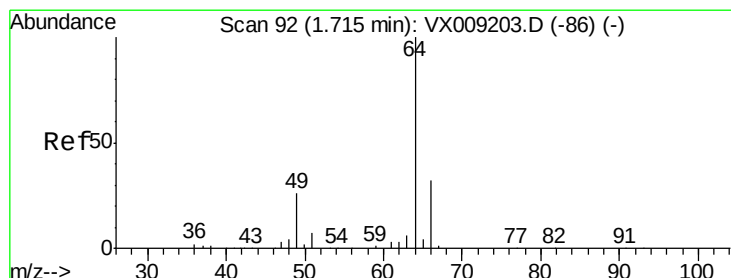
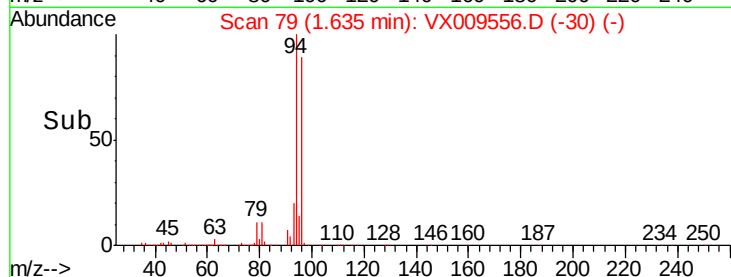
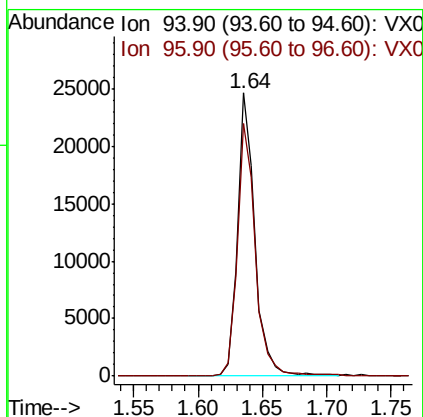
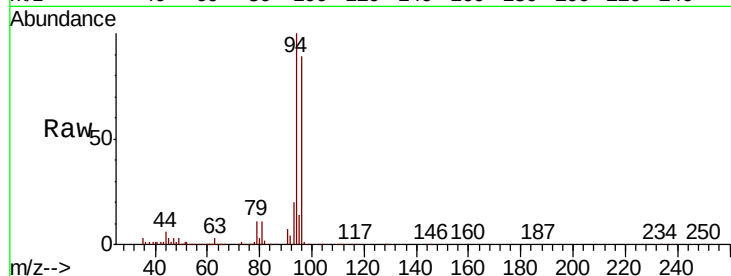
VX0514WBS01

Tot Ion: 94 Resp: 23242

Ion Ratio Lower Upper

94 100

96 89.1 73.0 109.6



#6

Chloroethane

Concen: 18.968 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009556.D

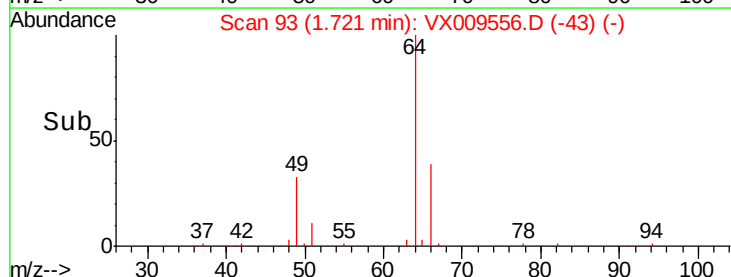
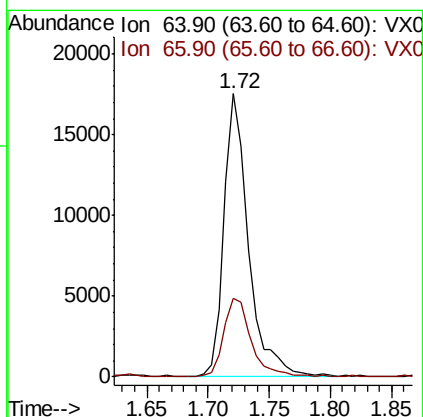
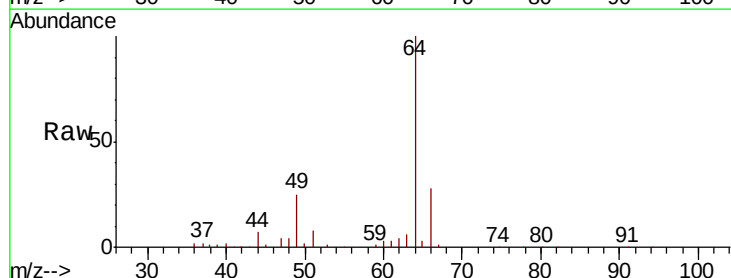
Acq: 14 May 2019 12:17

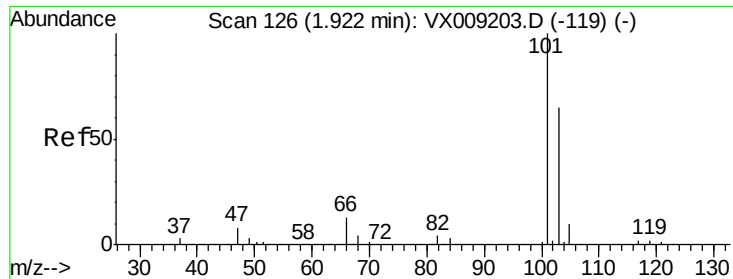
Tgt Ion: 64 Resp: 24076

Ion Ratio Lower Upper

64 100

66 27.8 25.3 37.9



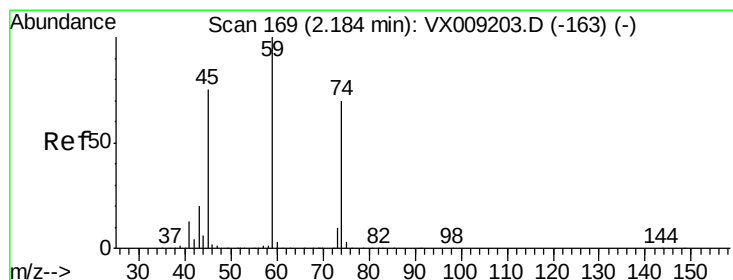
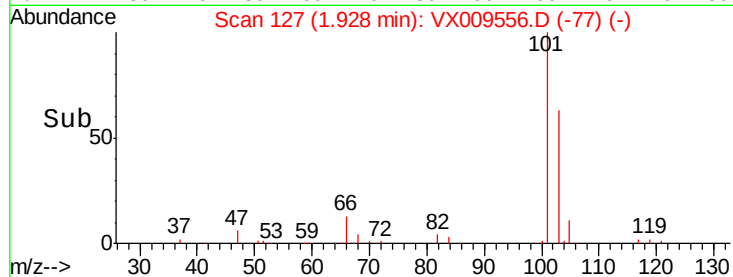
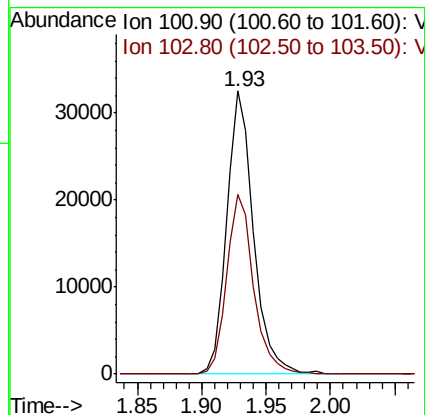
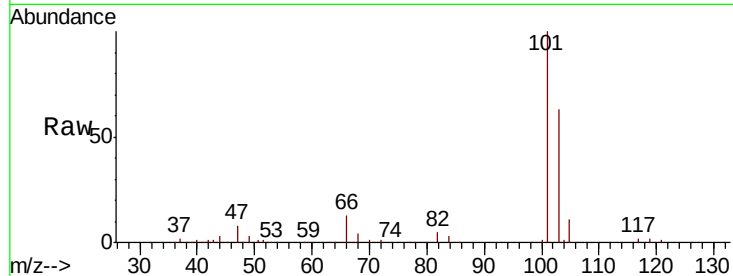


#7

Trichlorofluoromethane
 Concen: 19.797 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

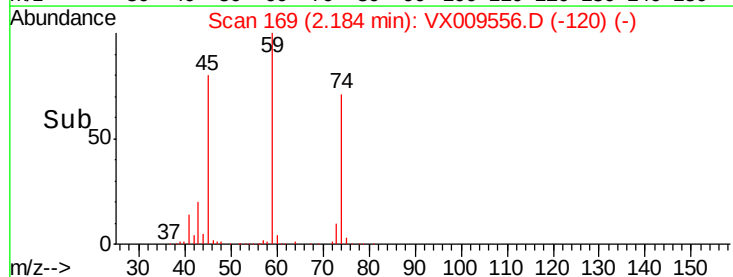
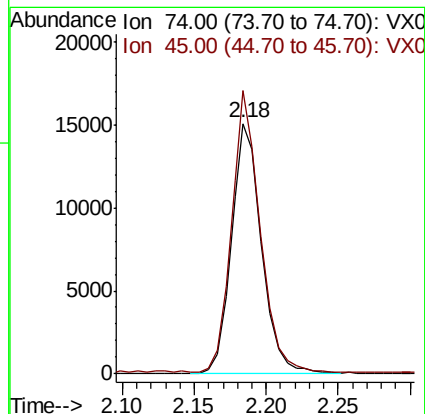
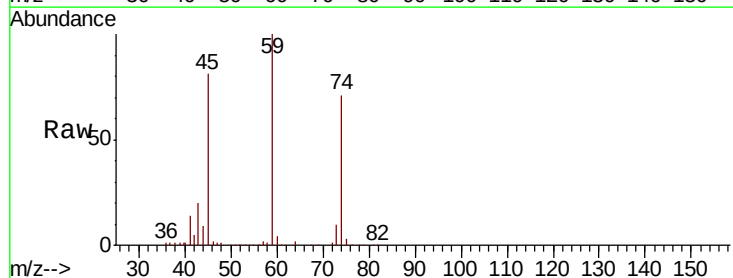
Tot Ion:101 Resp: 47575
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

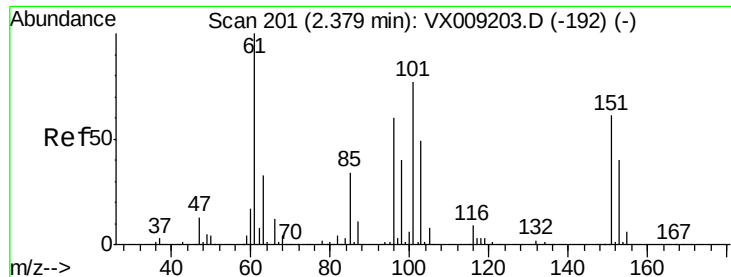


#8

Diethyl Ether
 Concen: 19.355 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion: 74 Resp: 22033
 Ion Ratio Lower Upper
 74 100
 45 105.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.045 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

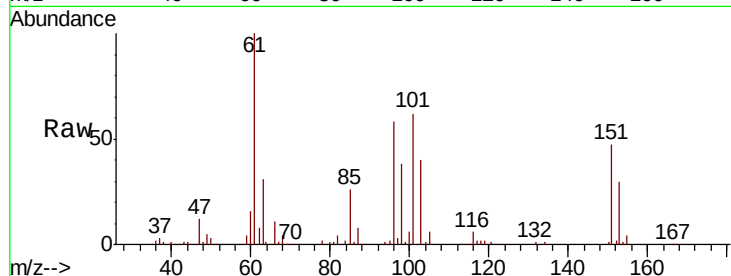
Tot Ion:101 Resp: 30251

Ion Ratio Lower Upper

101 100

85 42.4 35.7 53.5

151 79.7 62.2 93.2

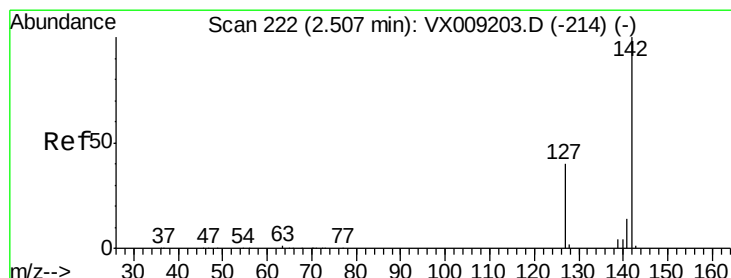
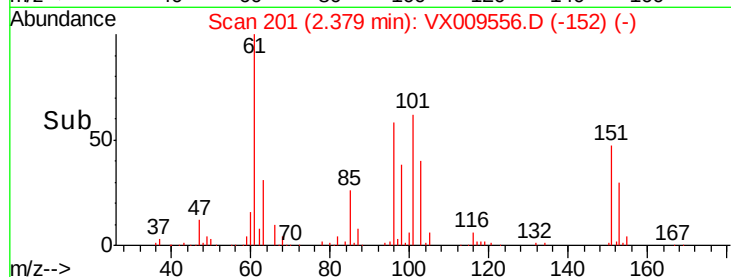
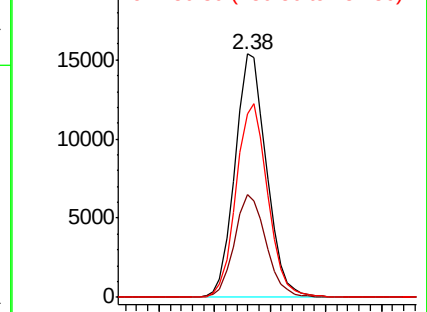


Abundance

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: 20.856 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

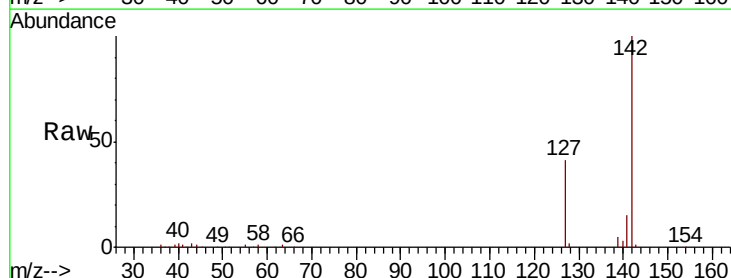
Tgt Ion:142 Resp: 31400

Ion Ratio Lower Upper

142 100

127 42.2 32.7 49.1

141 14.5 11.5 17.3

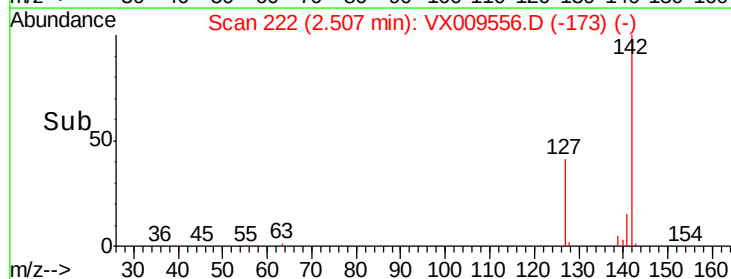
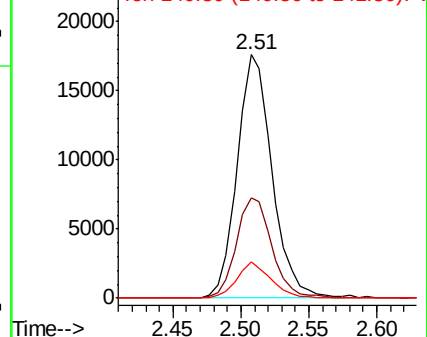


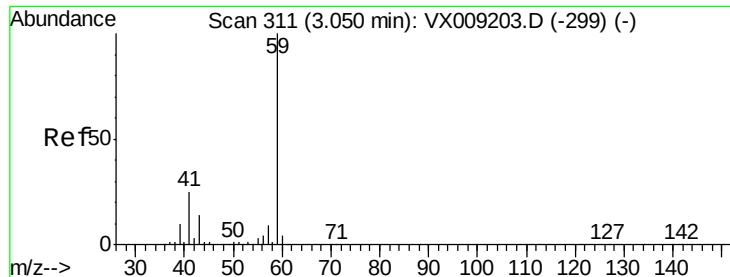
Abundance

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

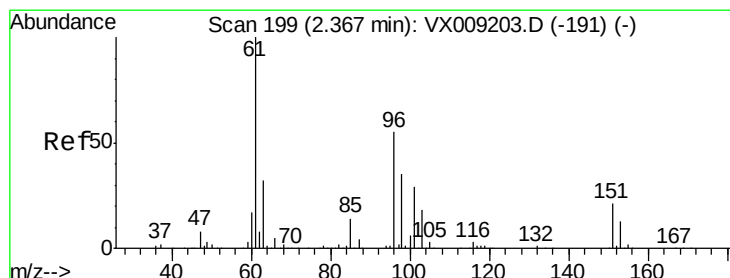
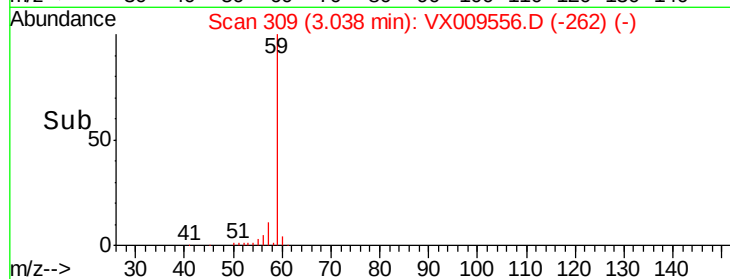
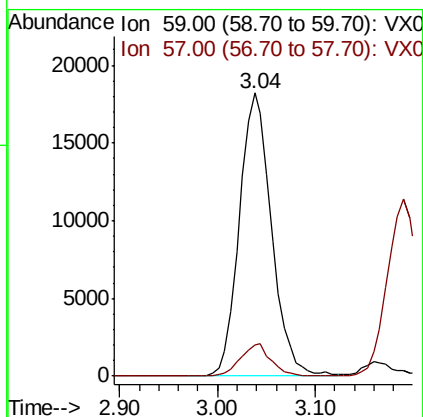
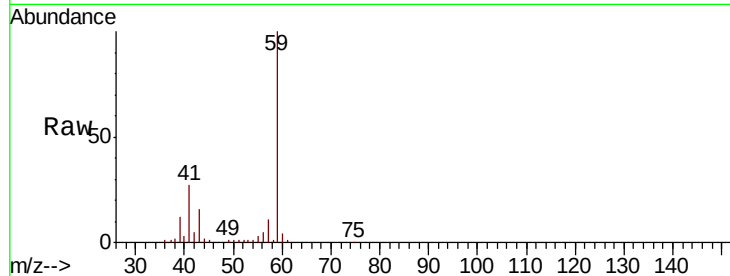




#11
Tert butyl alcohol
Concen: 81.579 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

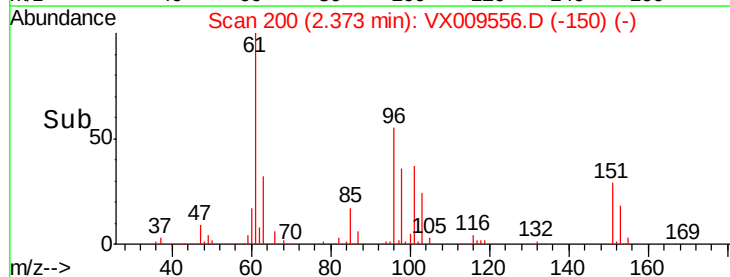
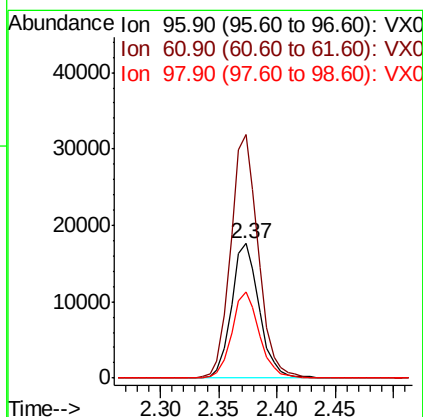
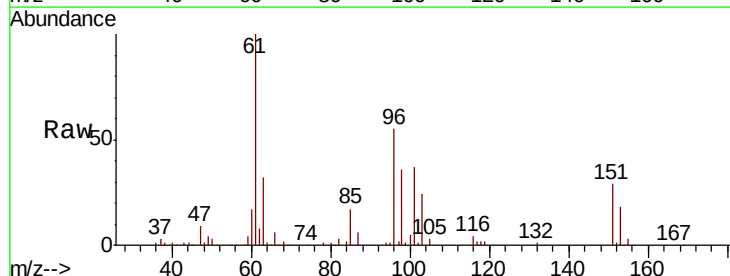
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

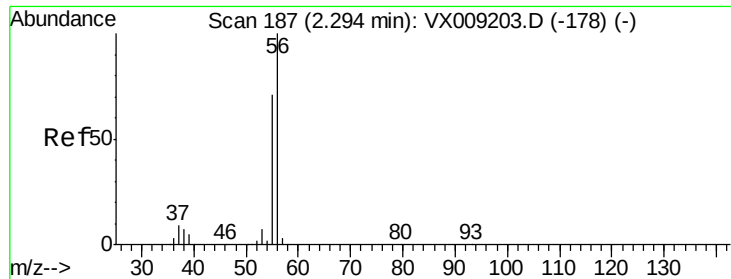
Tot Ion: 59 Resp: 41542
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.281 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 96 Resp: 29154
Ion Ratio Lower Upper
96 100
61 181.1 144.3 216.5
98 64.4 50.3 75.5





#13

Acrolein

Concen: 70.397 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

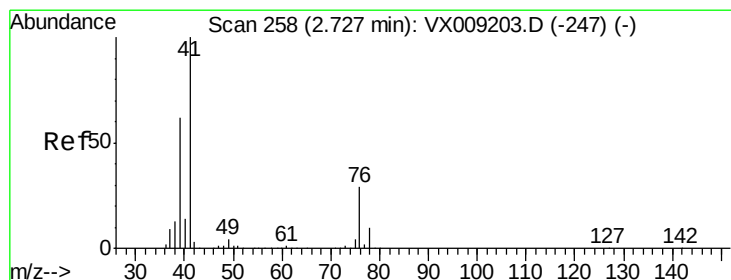
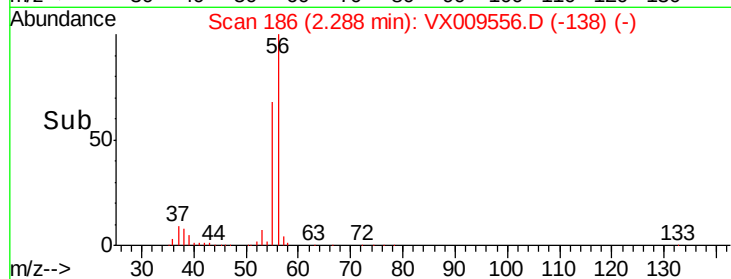
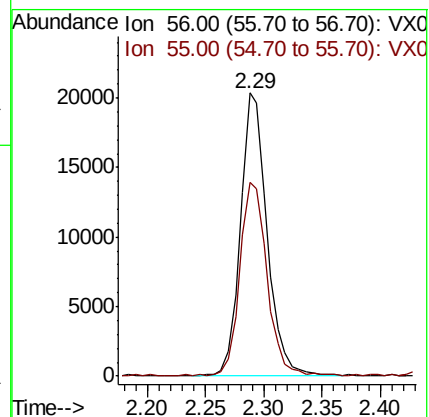
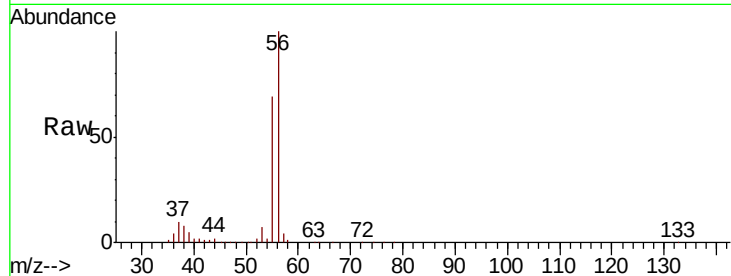
VX0514WBS01

Tot Ion: 56 Resp: 32465

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 18.581 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

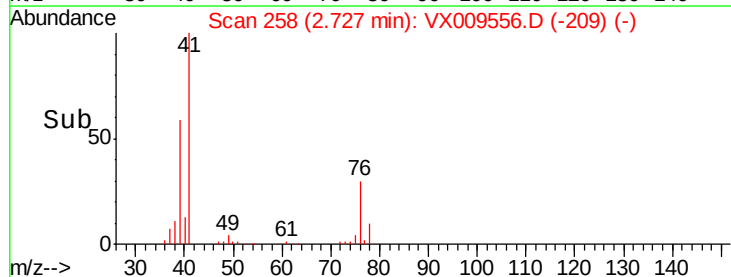
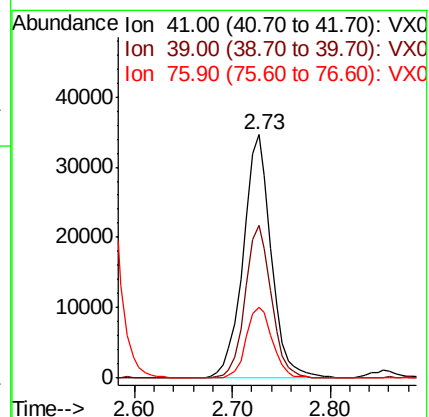
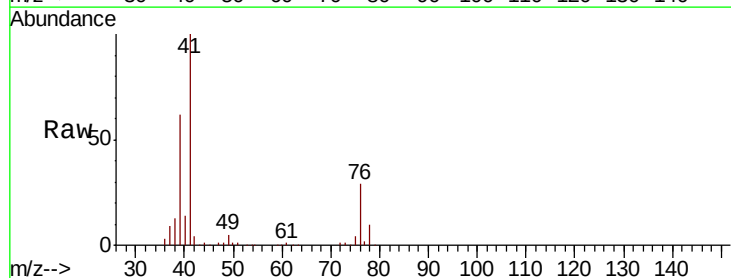
Tgt Ion: 41 Resp: 68469

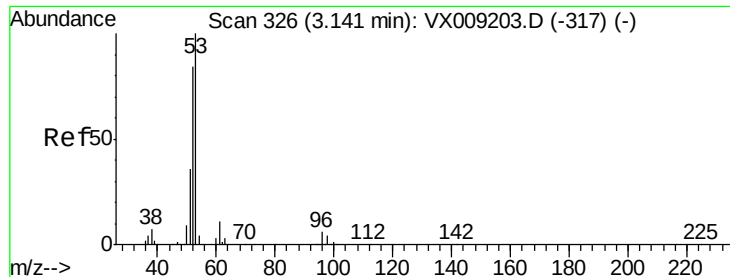
Ion Ratio Lower Upper

41 100

39 59.3 46.7 70.1

76 27.4 21.8 32.8





#15

Acrylonitrile

Concen: 90.317 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

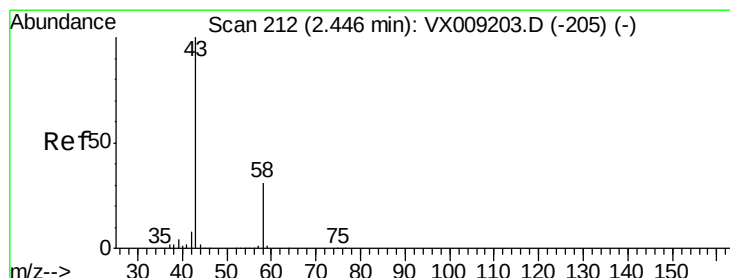
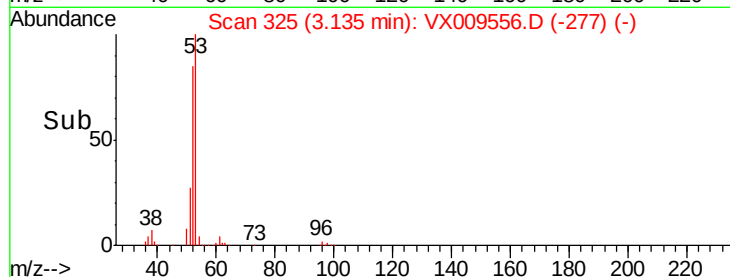
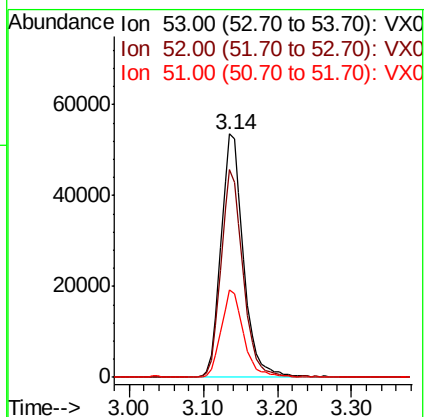
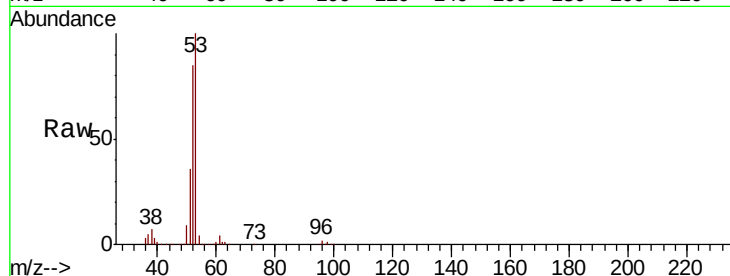
Tot Ion: 53 Resp: 112453

Ion Ratio Lower Upper

53 100

52 83.2 66.9 100.3

51 35.7 28.2 42.2



#16

Acetone

Concen: 94.019 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009556.D

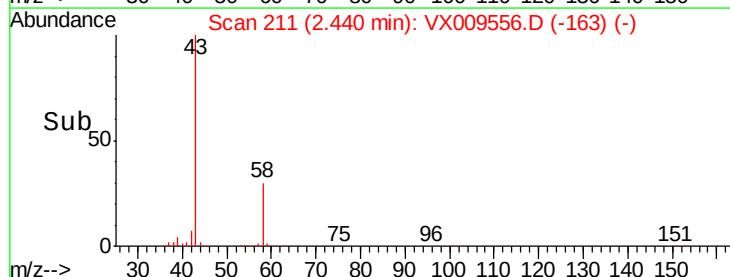
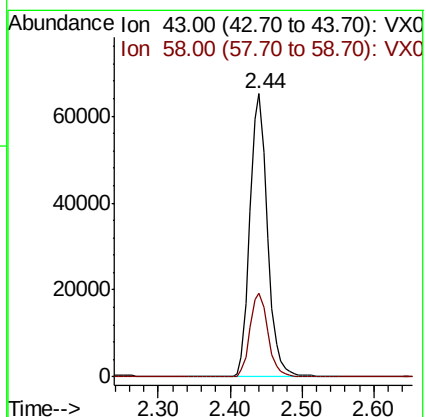
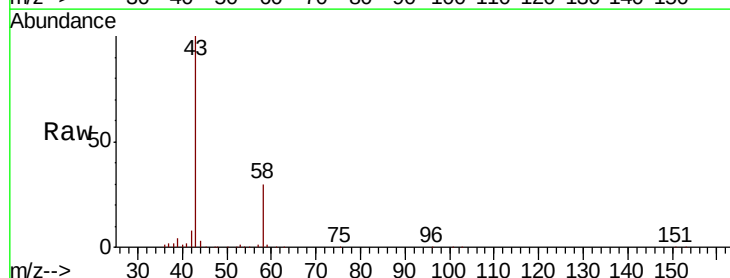
Acq: 14 May 2019 12:17

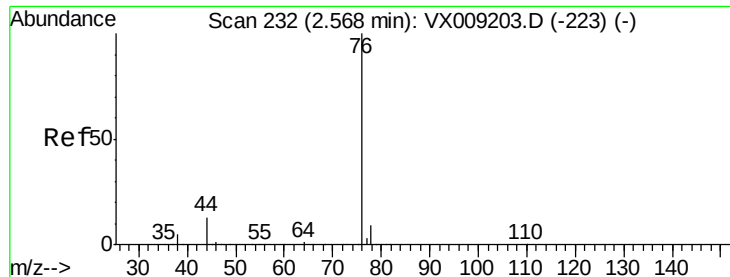
Tgt Ion: 43 Resp: 111062

Ion Ratio Lower Upper

43 100

58 29.7 24.9 37.3

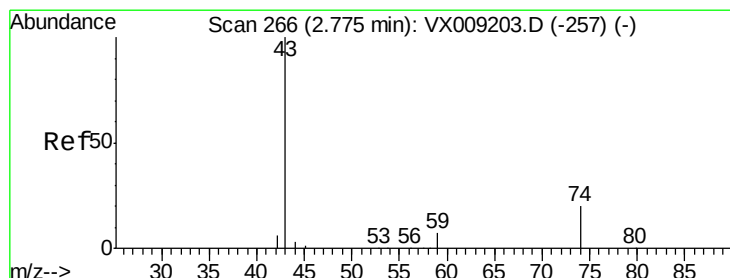
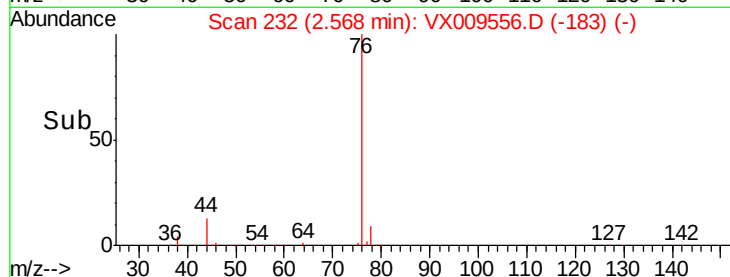
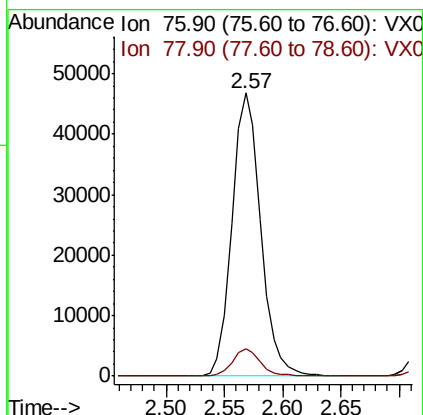
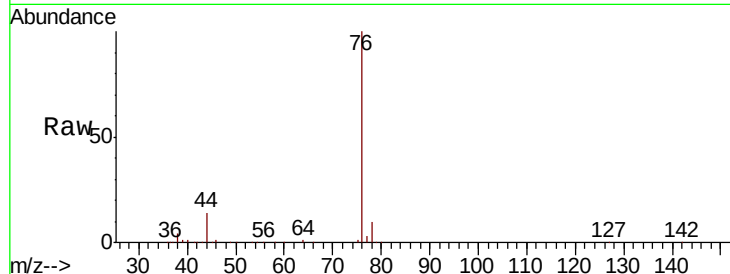




#17
Carbon Disulfide
Concen: 18.937 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

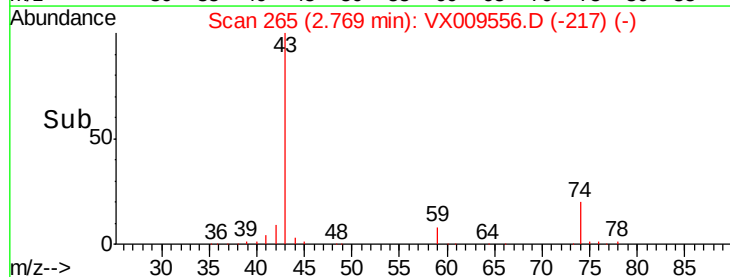
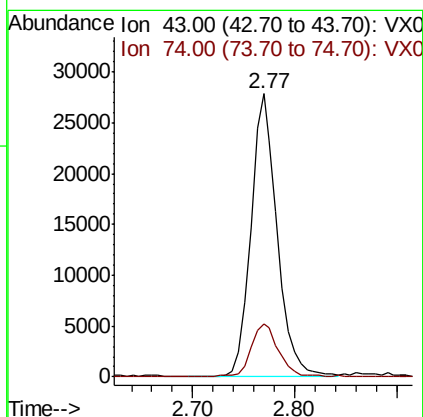
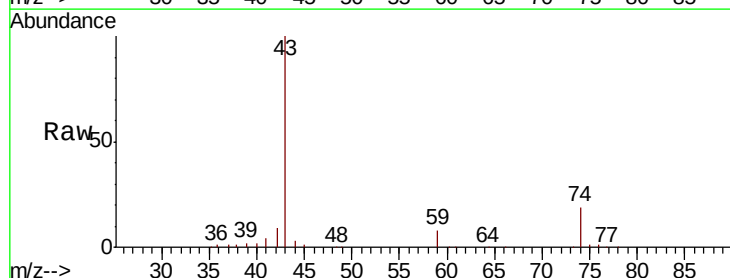
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

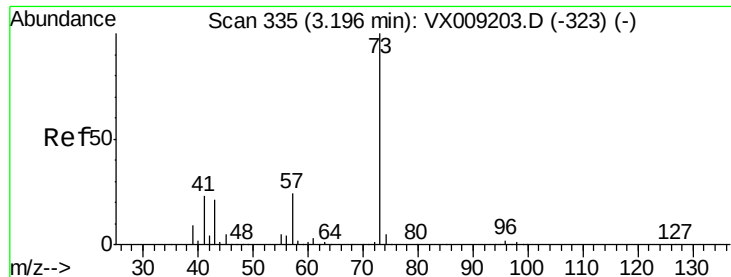
Tot Ion: 76 Resp: 80393
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.803 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 43 Resp: 50015
Ion Ratio Lower Upper
43 100
74 19.7 16.2 24.4

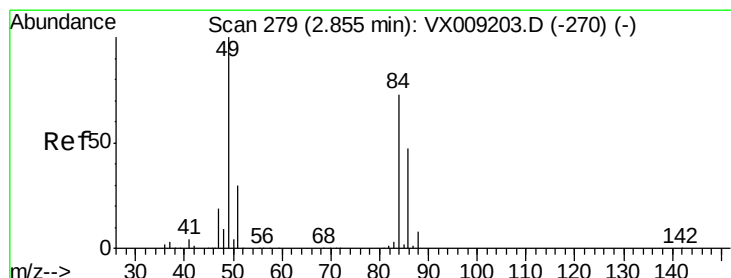
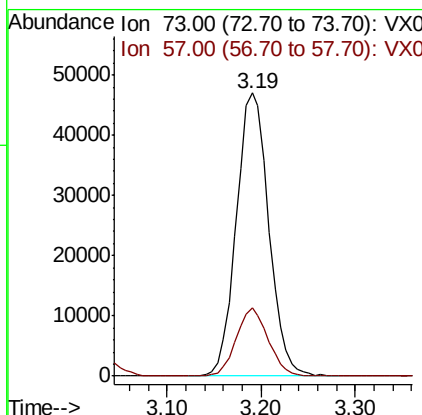
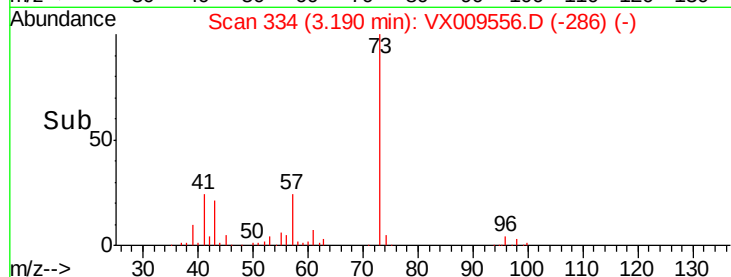
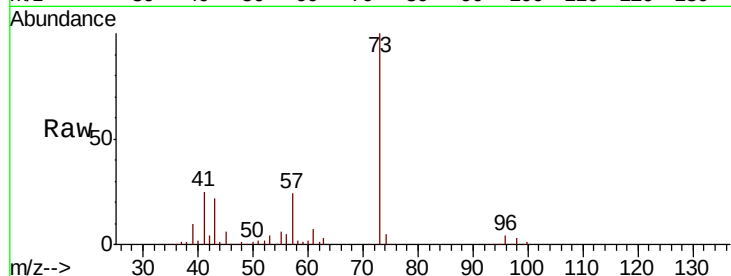




#19
Methvl tert-butyl Ether
Concen: 19.164 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

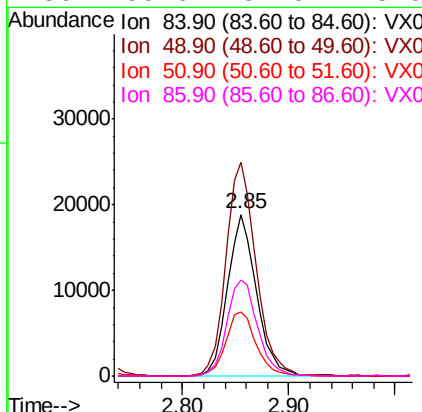
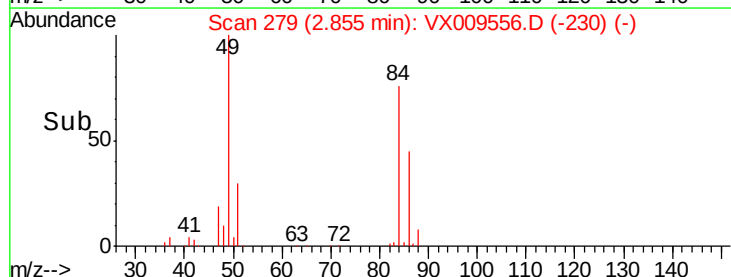
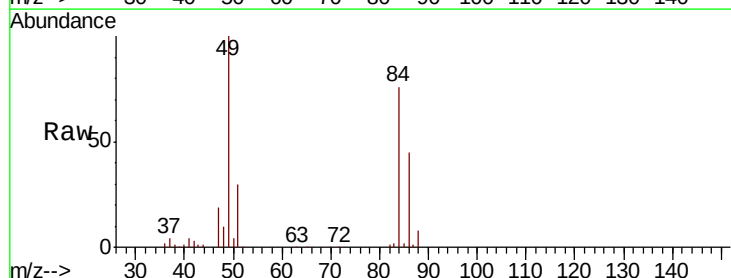
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

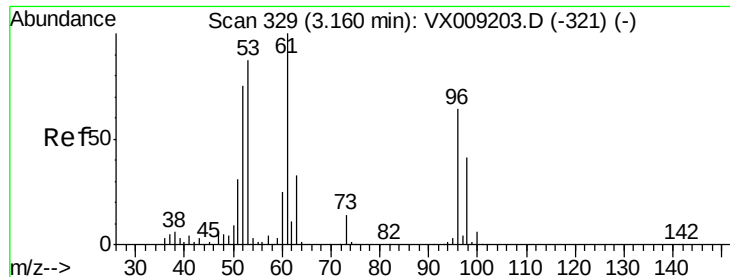
Tot Ion: 73 Resp: 112526
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9



#20
Methylene Chloride
Concen: 18.823 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 84 Resp: 36001
Ion Ratio Lower Upper
84 100
49 132.4 109.9 164.9
51 40.0 32.7 49.1
86 59.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.401 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

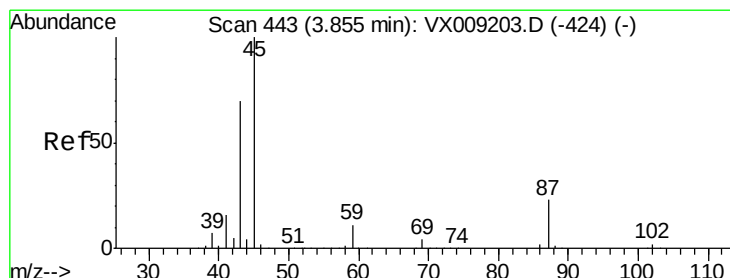
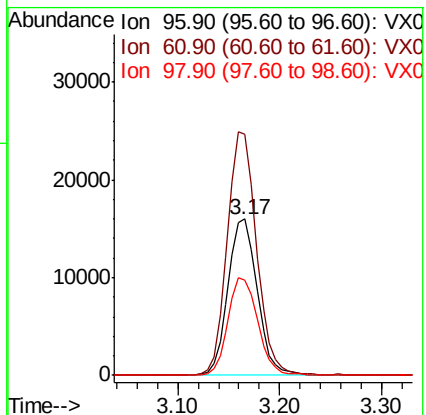
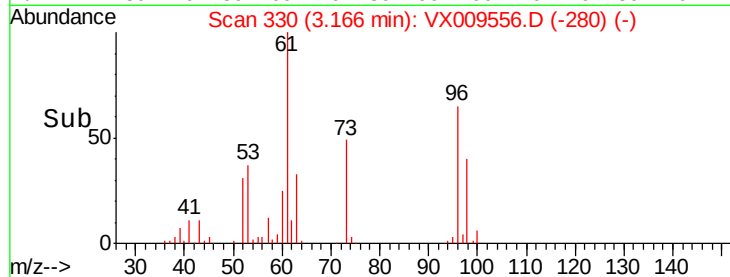
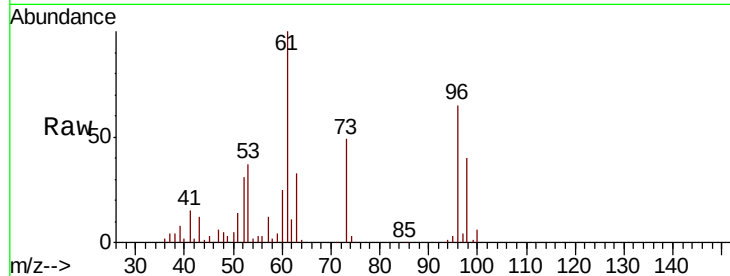
Tot Ion: 96 Resp: 31814

Ion Ratio Lower Upper

96 100

61 154.1 124.5 186.7

98 61.1 50.4 75.6



#22

Diisopropyl ether

Concen: 19.314 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Tgt Ion: 45 Resp: 136867

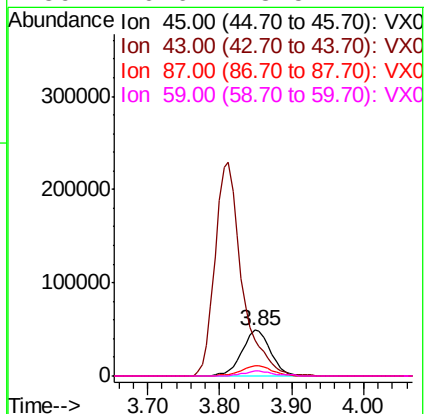
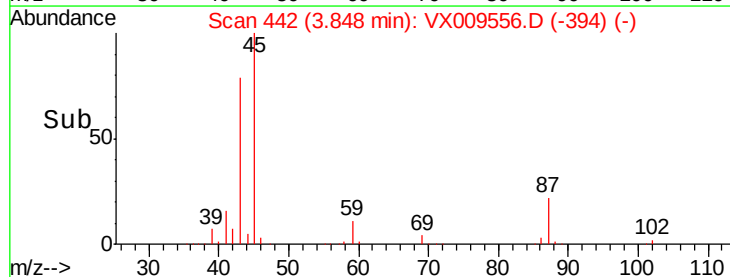
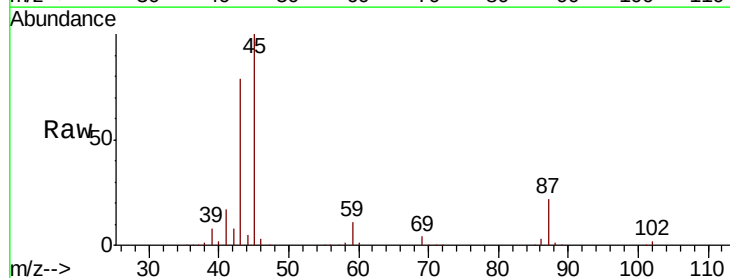
Ion Ratio Lower Upper

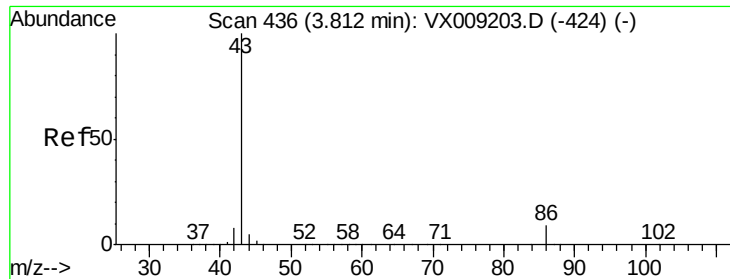
45 100

43 78.5 56.1 84.1

87 21.8 18.1 27.1

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 97.849 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

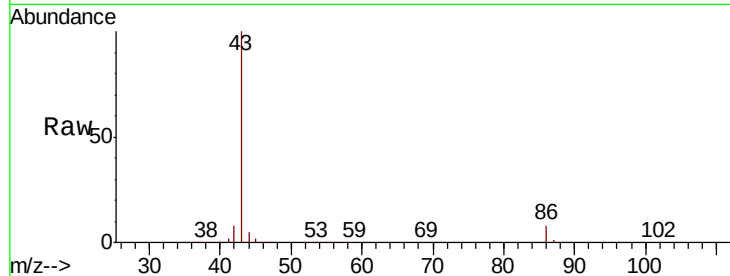
VX0514WBS01

Tot Ion: 43 Resp: 593777

Ion Ratio Lower Upper

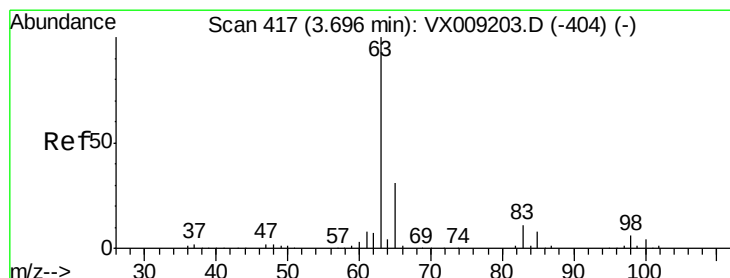
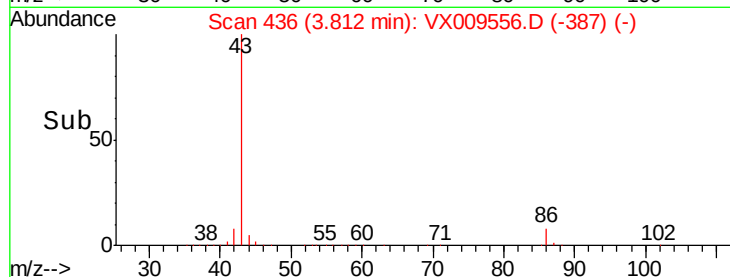
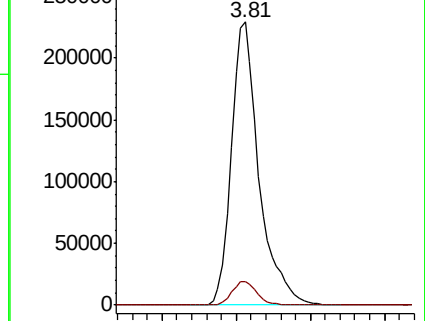
43 100

86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.826 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

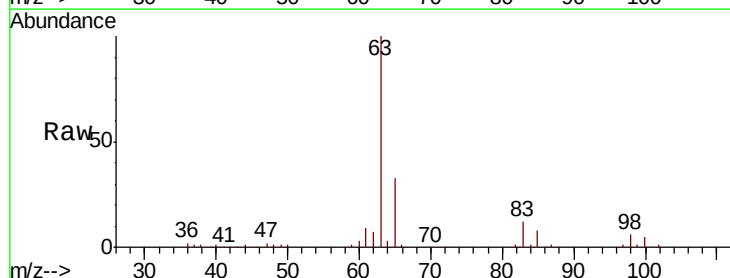
Tgt Ion: 63 Resp: 65815

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

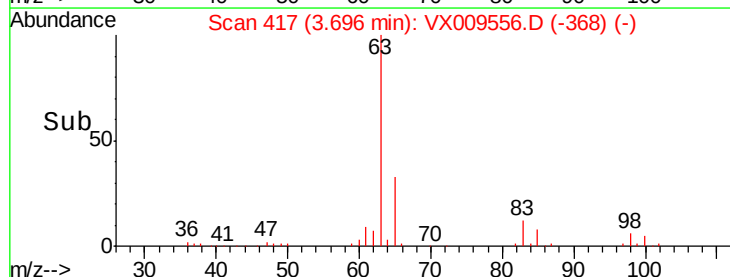
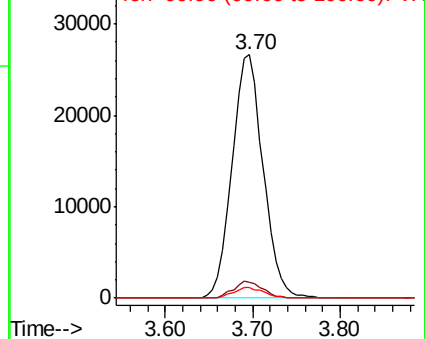
100 4.5 2.0 6.0

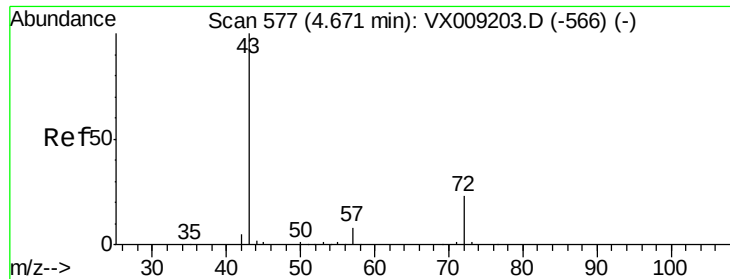


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.241 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

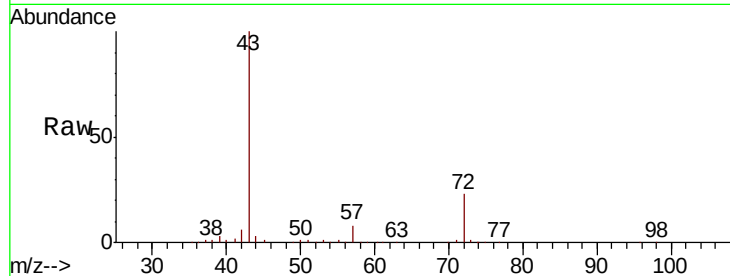
VX0514WBS01

Tot Ion: 43 Resp: 167488

Ion Ratio Lower Upper

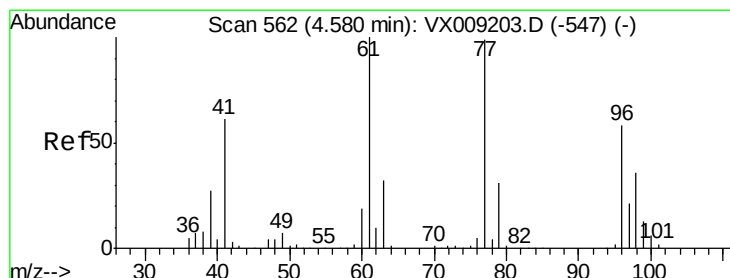
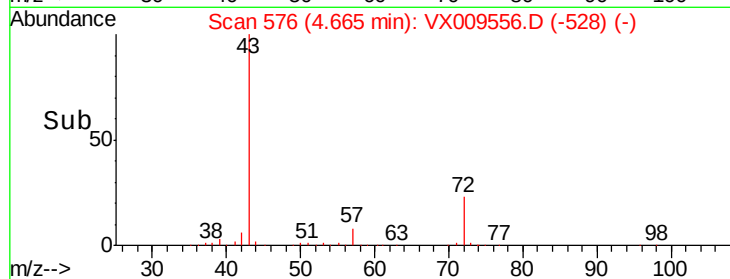
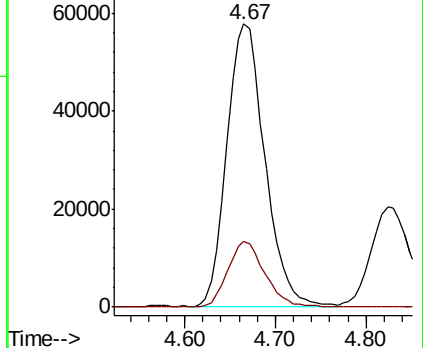
43 100

72 23.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.265 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009556.D

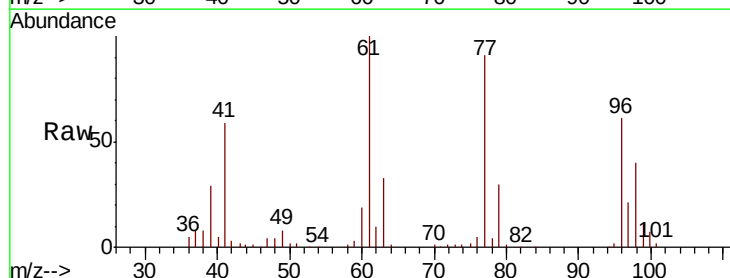
Acq: 14 May 2019 12:17

Tgt Ion: 77 Resp: 50129

Ion Ratio Lower Upper

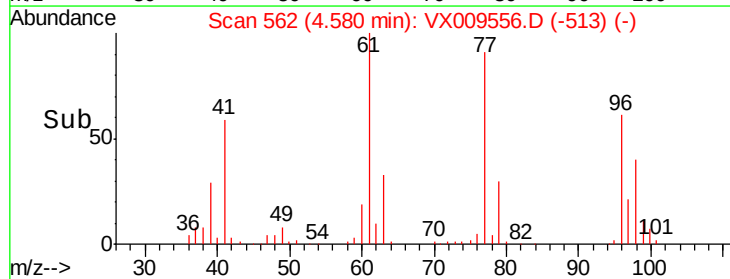
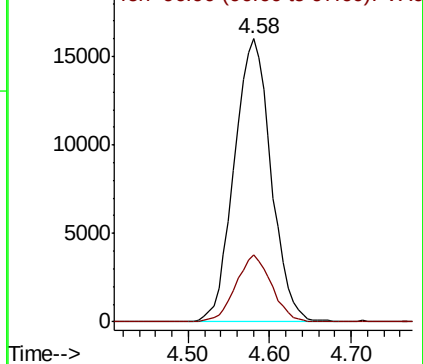
77 100

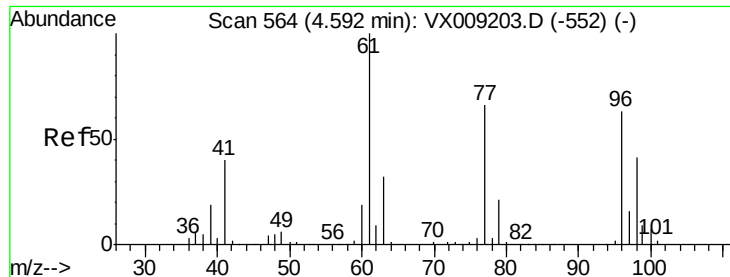
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



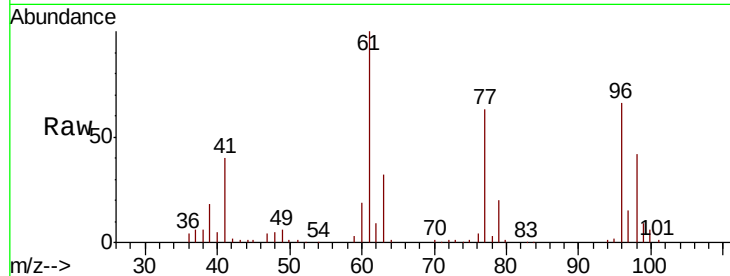


#27

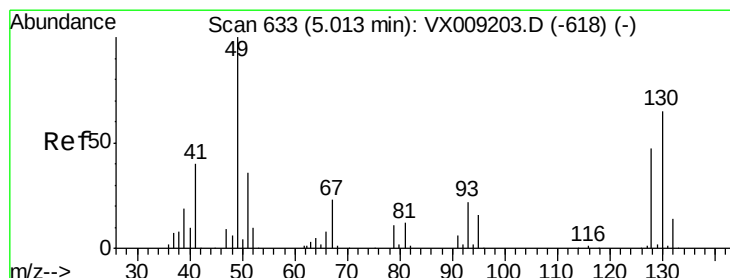
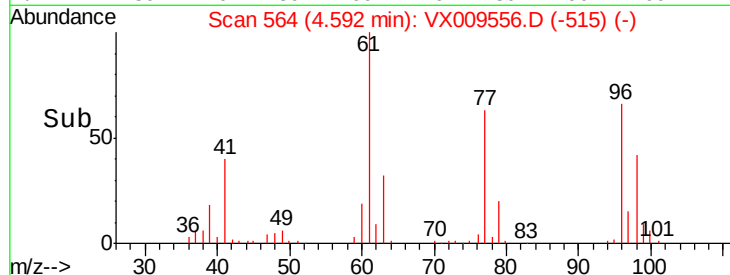
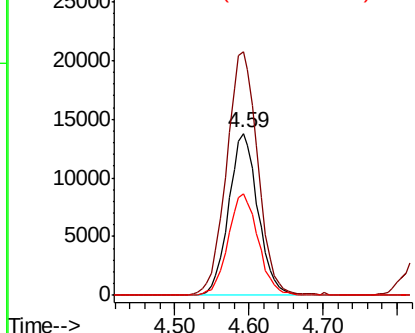
cis-1,2-Dichloroethene
 Concen: 19.421 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	324.0
98	64.3	0.0	130.4



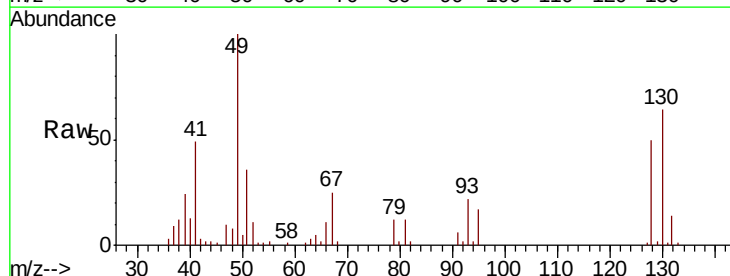
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



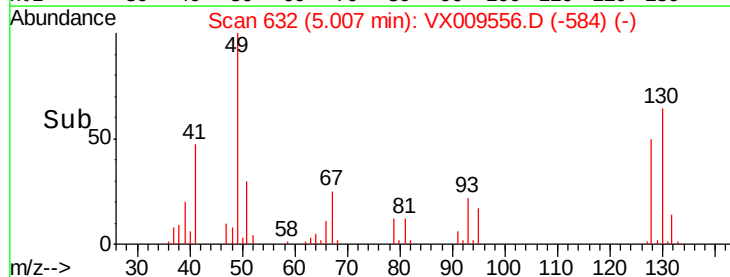
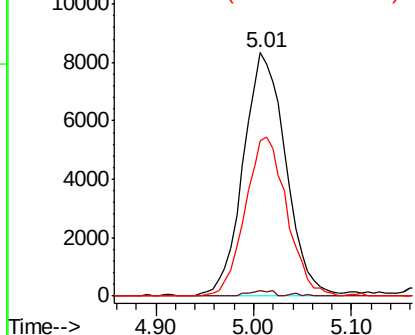
#28

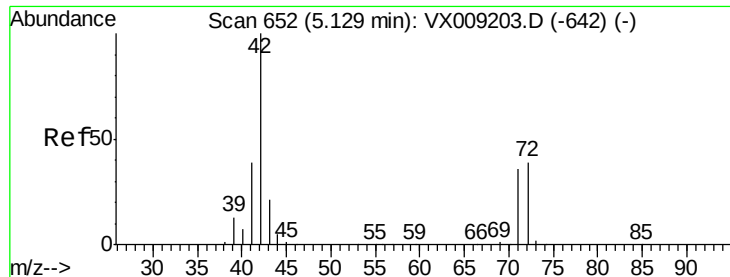
Bromochloromethane
 Concen: 16.070 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	64.0	51.2	76.8



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: 91.877 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

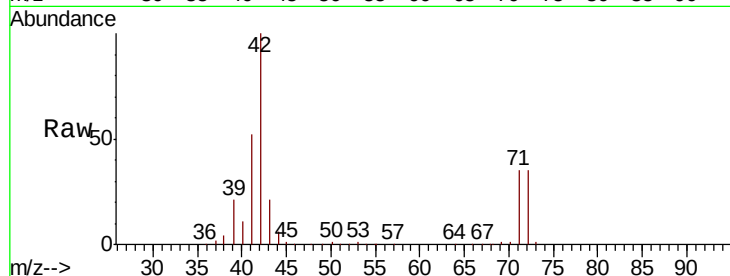
Tot Ion: 42 Resp: 108528

Ion Ratio Lower Upper

42 100

72 37.9 30.4 45.6

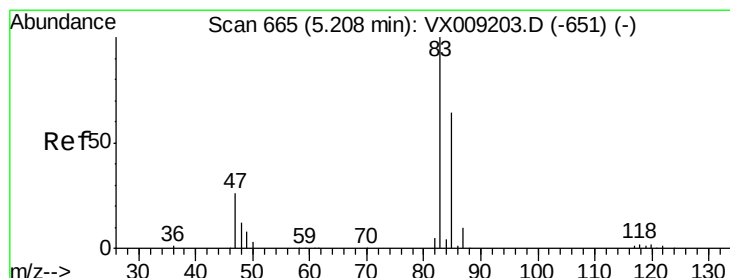
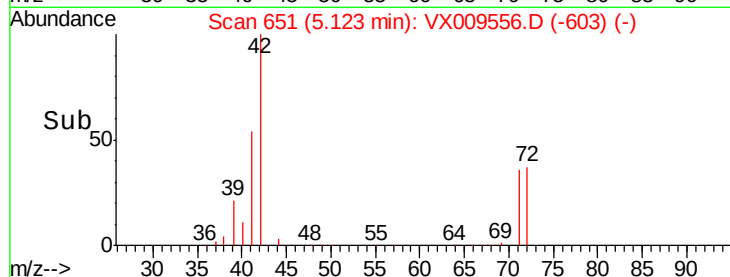
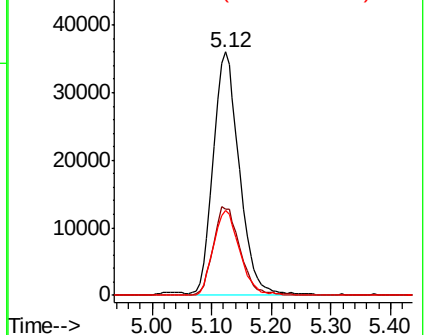
71 35.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.398 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX009556.D

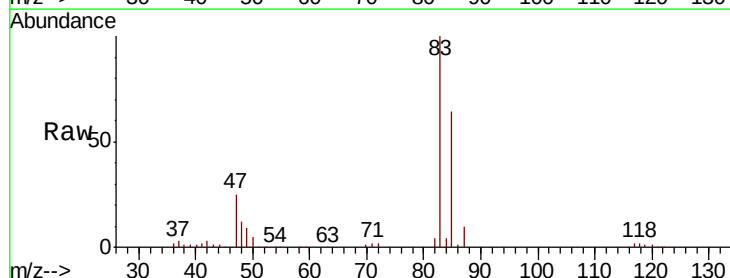
Acq: 14 May 2019 12:17

Tgt Ion: 83 Resp: 61334

Ion Ratio Lower Upper

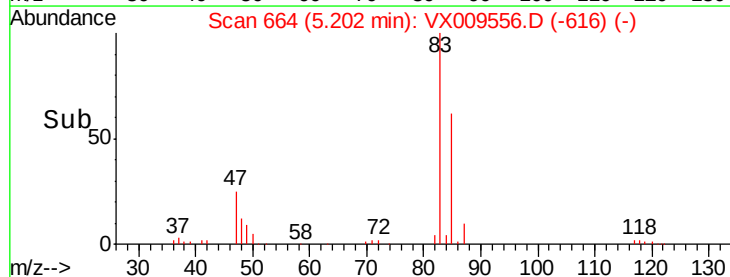
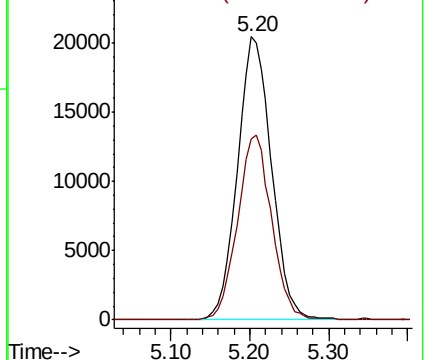
83 100

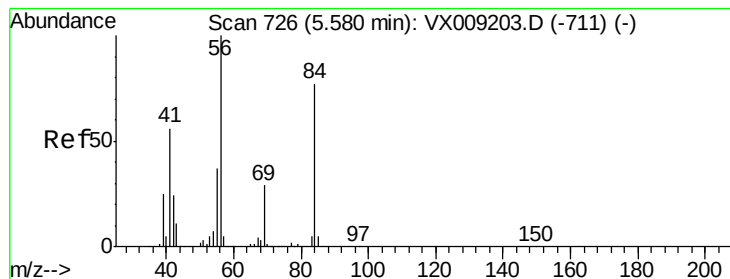
85 64.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.055 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

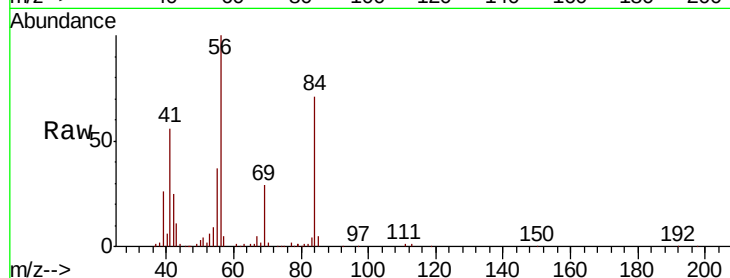
Tot Ion: 56 Resp: 65229

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

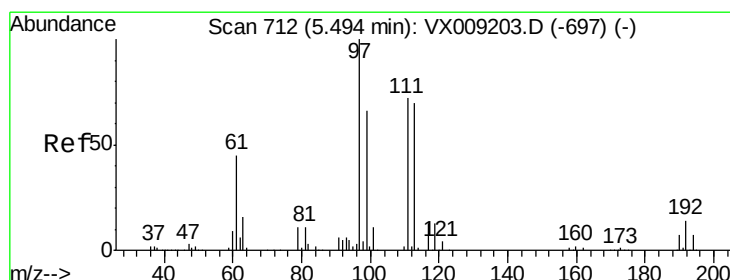
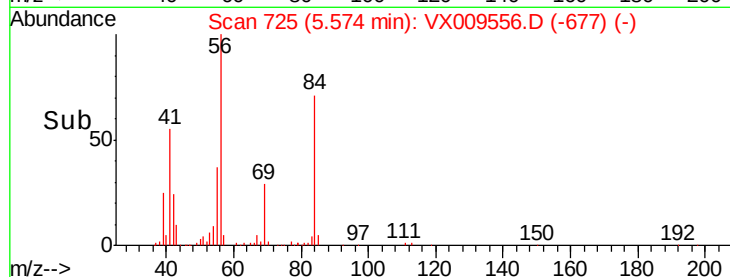
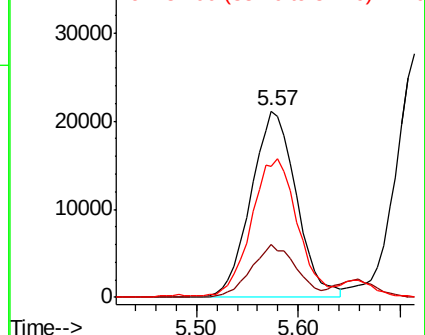
84 69.4 61.9 92.9



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: 19.420 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

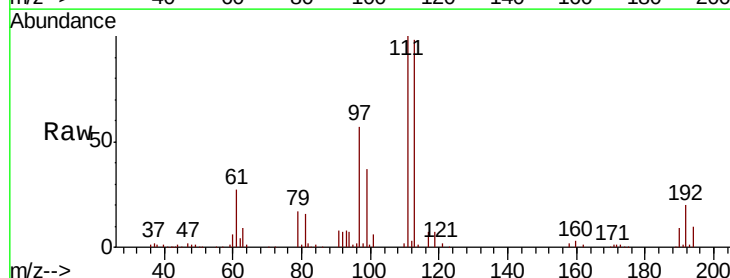
Tgt Ion: 97 Resp: 51115

Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.8

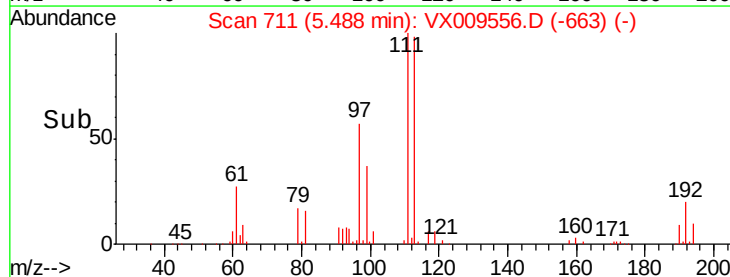
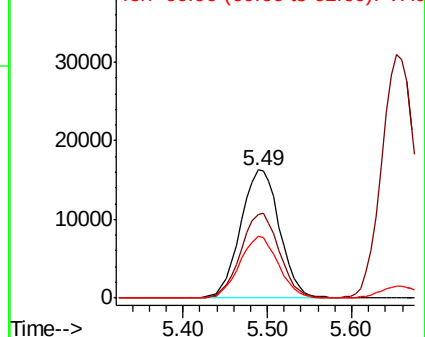
61 47.9 37.8 56.8

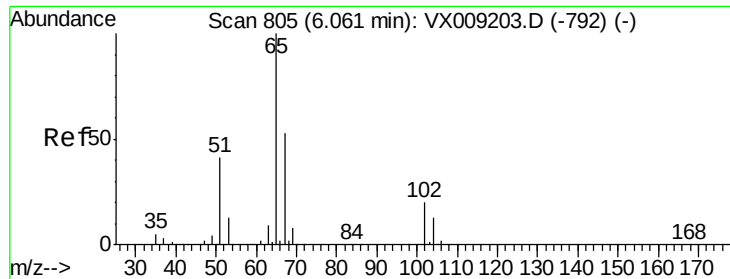


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

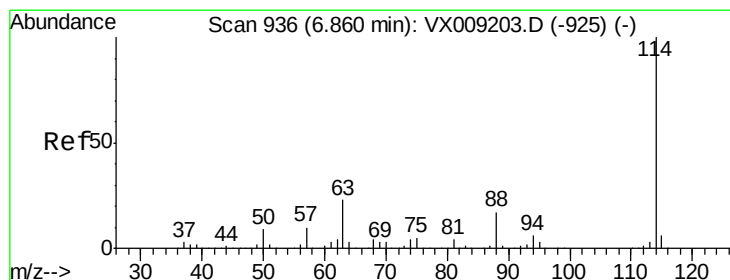
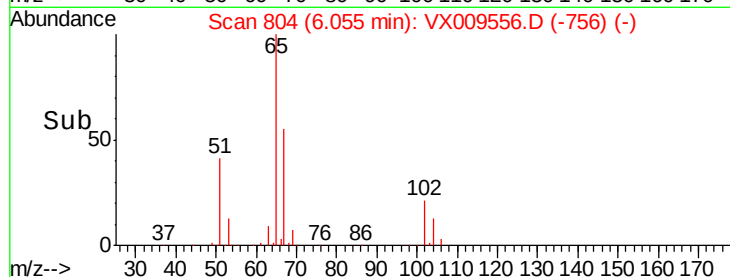
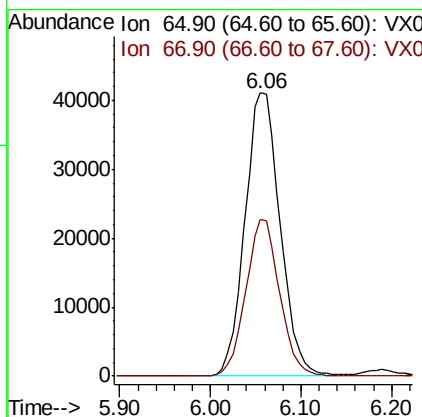
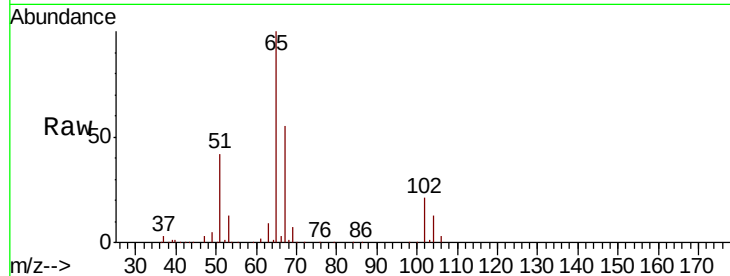




#33
 1,2-Dichloroethane-d4
 Concen: 50.095 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

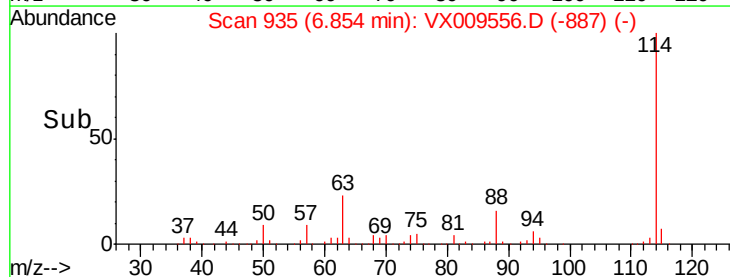
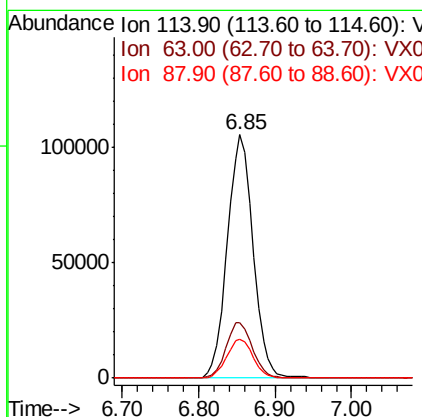
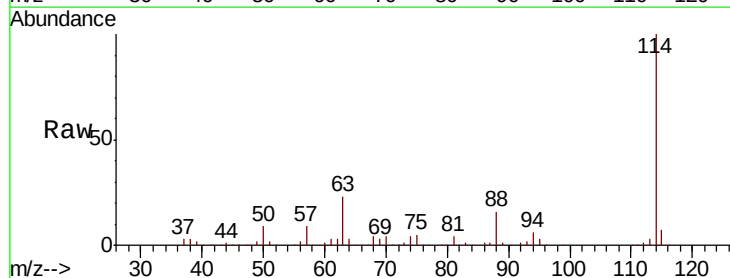
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

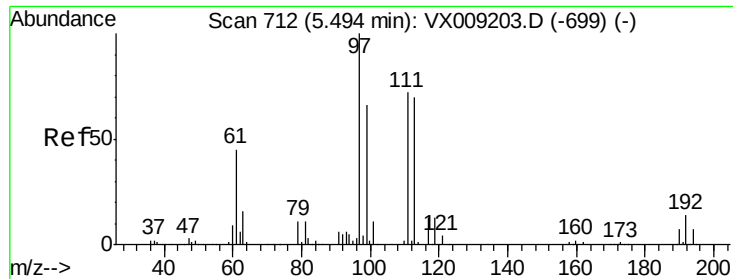
Tot Ion: 65 Resp: 110204
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion: 114 Resp: 245459
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.1 0.0 33.2

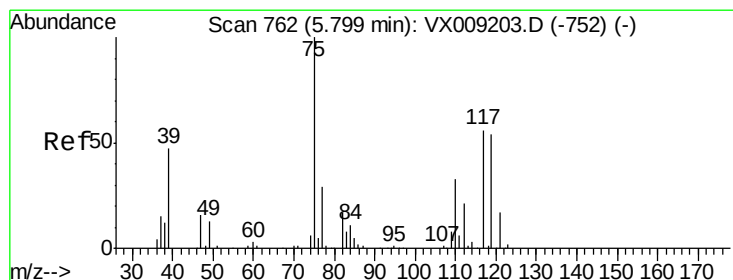
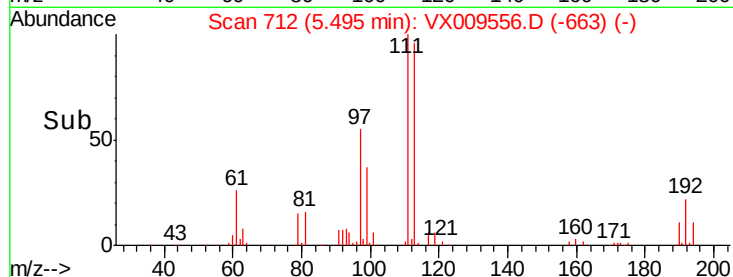
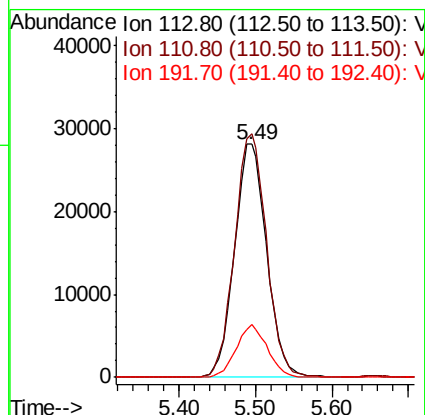
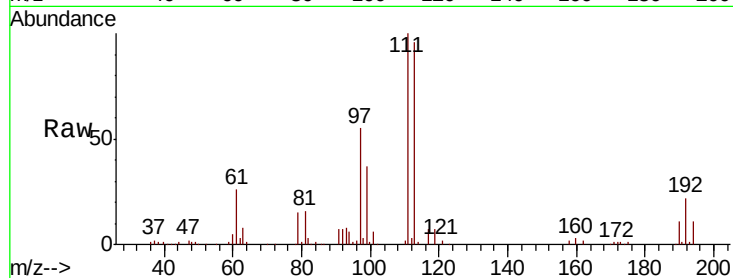




#35
 Dibromofluoromethane
 Concen: 53.099 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

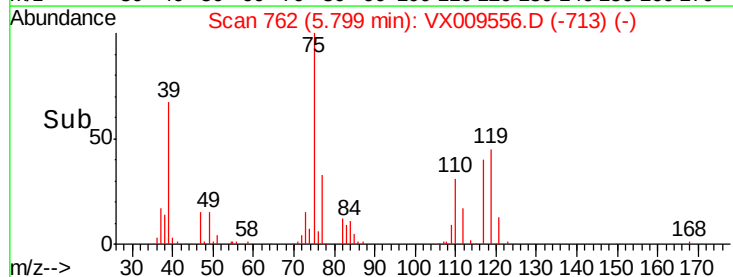
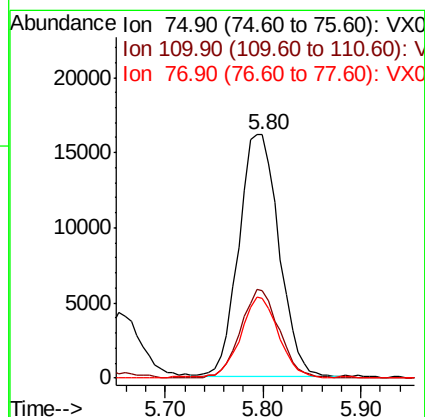
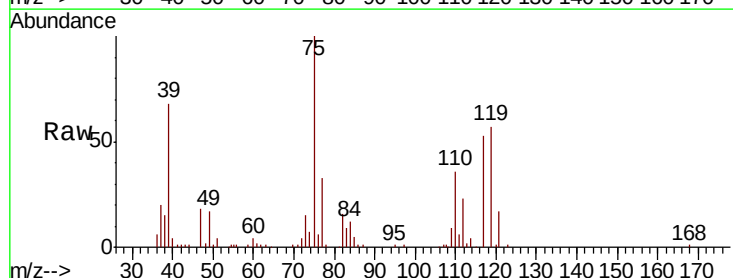
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

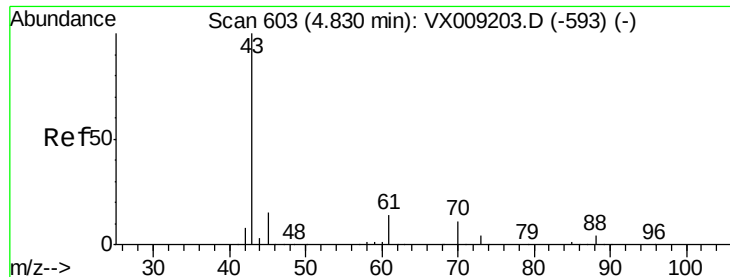
Tot Ion:113 Resp: 81934
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 20.171 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion: 75 Resp: 46011
 Ion Ratio Lower Upper
 75 100
 110 35.3 16.9 50.6
 77 31.6 24.8 37.2

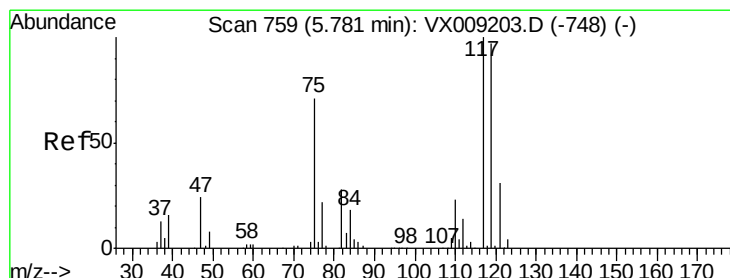
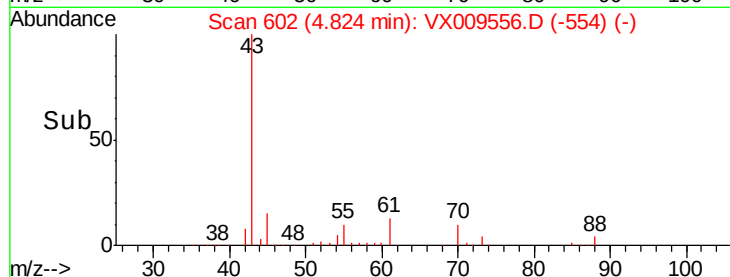
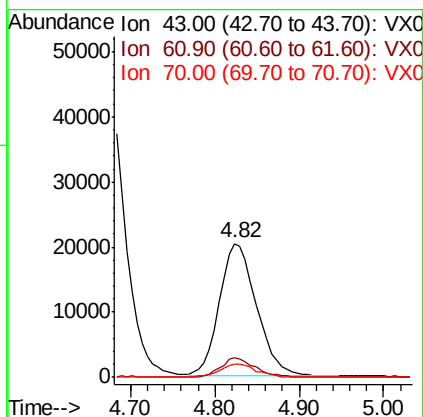
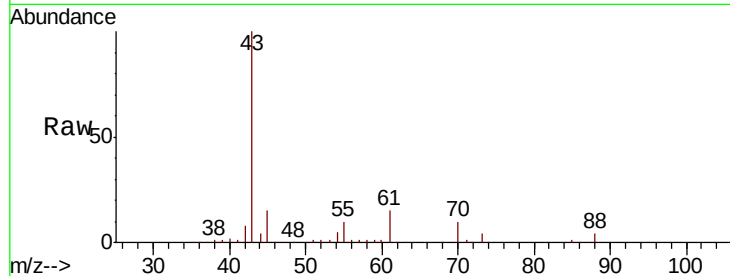




#37
Ethyl Acetate
Concen: 19.390 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

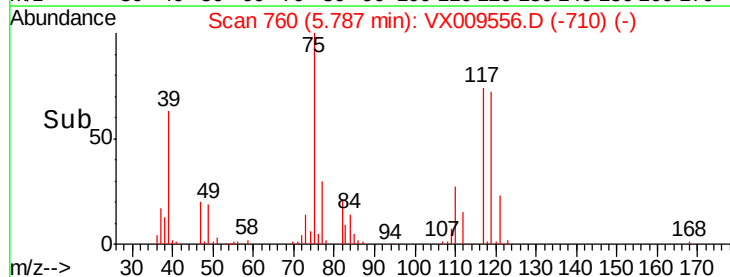
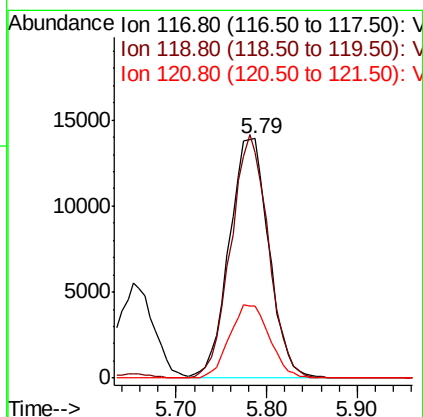
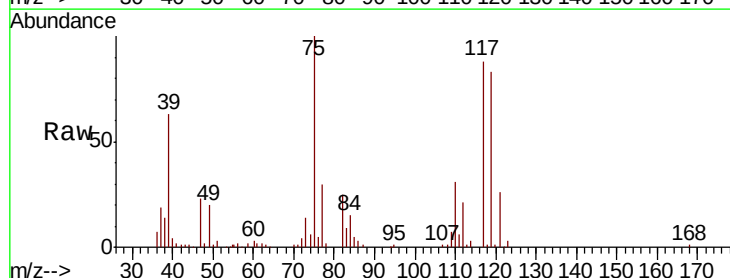
Instrument :
MSVOA_X
ClientSampled :
VX0514WBS01

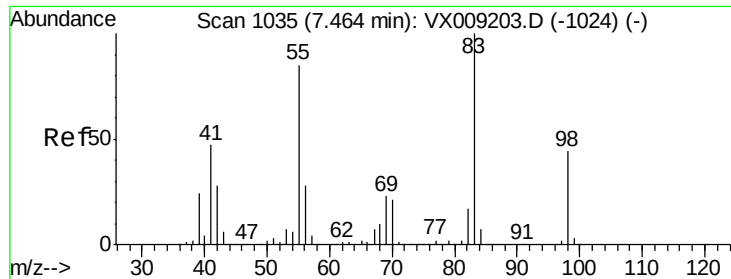
Tot Ion: 43 Resp: 61626
Ion Ratio Lower Upper
43 100
61 14.0 10.5 15.7
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.460 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 117 Resp: 42403
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3
121 30.2 24.7 37.1

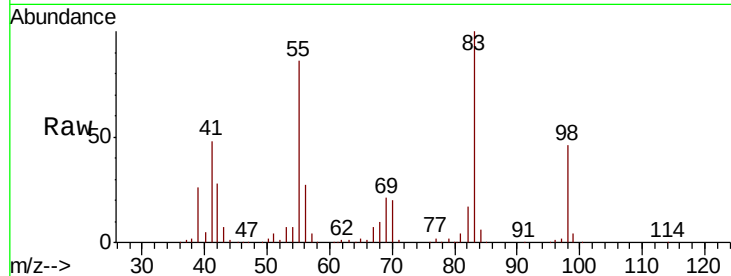




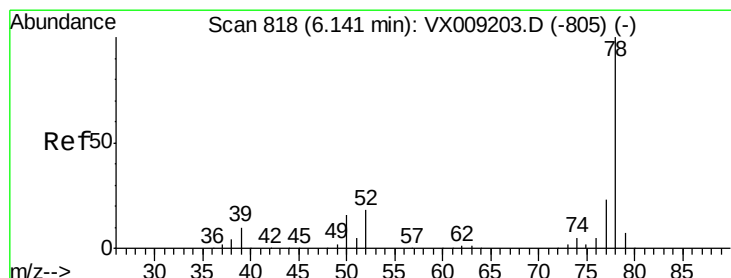
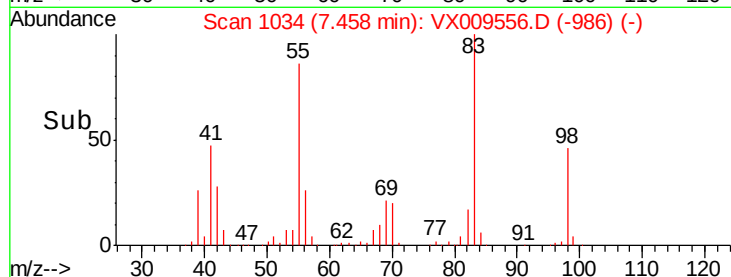
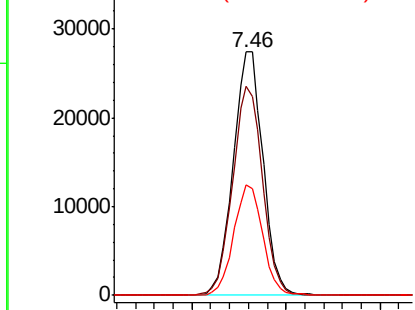
#39
Methylvlcyclohexane
Concen: 21.545 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion: 83 Resp: 60356
Ion Ratio Lower Upper
83 100
55 85.6 67.7 101.5
98 45.5 35.5 53.3

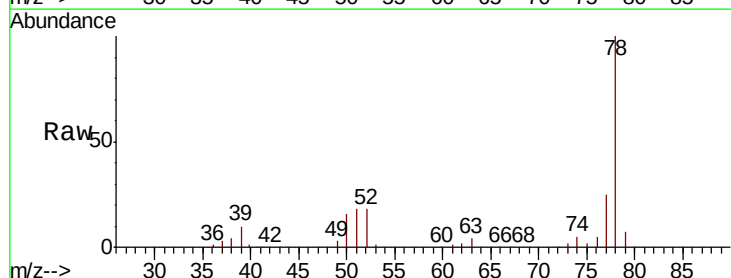


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

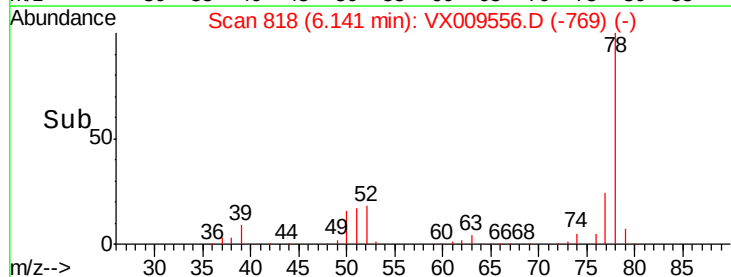
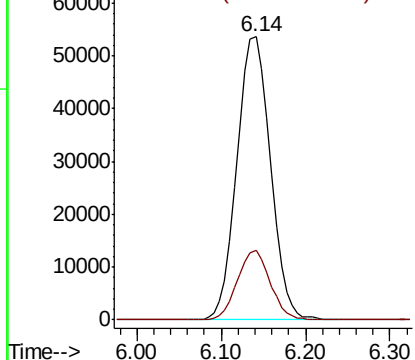


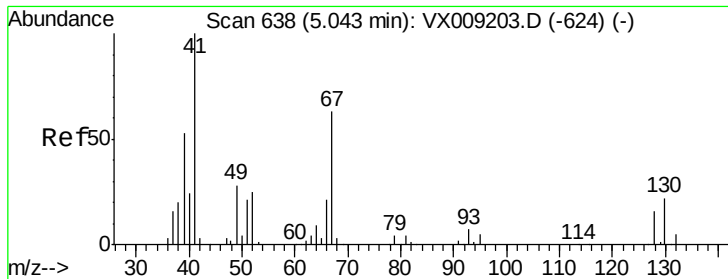
#40
Benzene
Concen: 20.521 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 78 Resp: 144872
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.095 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 41 Resp: 36125

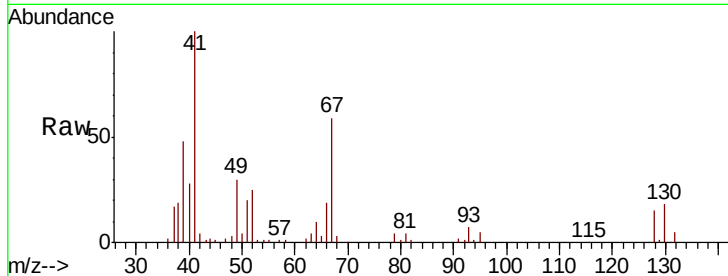
Ion Ratio Lower Upper

41 100

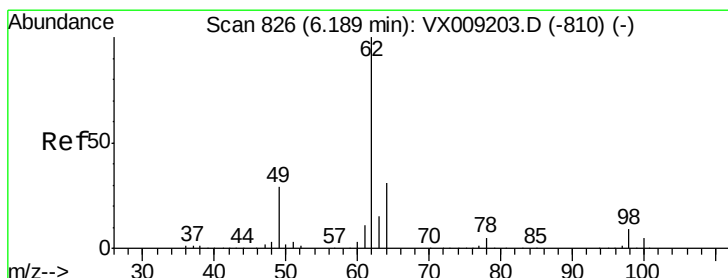
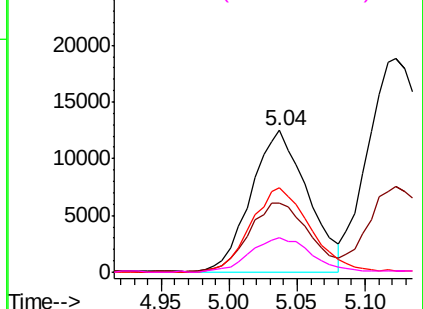
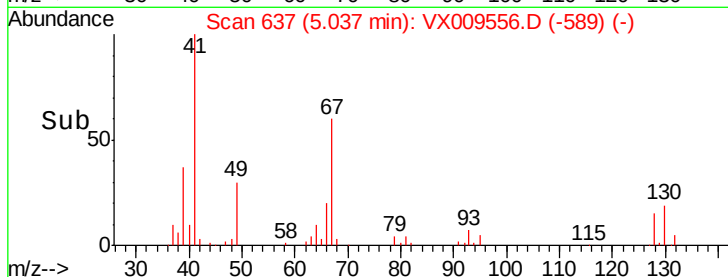
39 52.4 42.0 63.0

67 62.9 49.8 74.8

52 27.1 20.3 30.5



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: 20.620 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009556.D

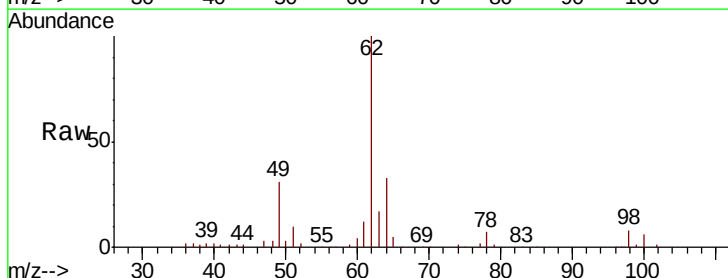
Acq: 14 May 2019 12:17

Tgt Ion: 62 Resp: 52218

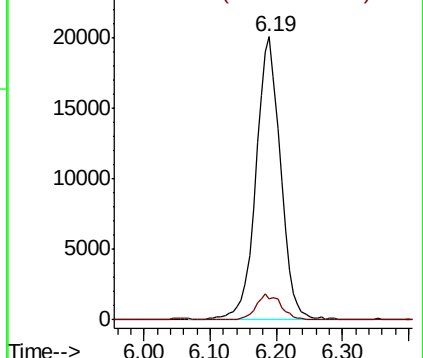
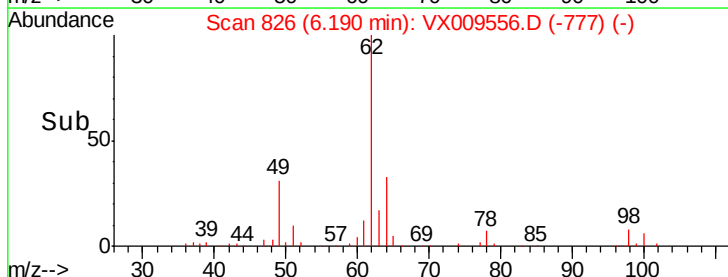
Ion Ratio Lower Upper

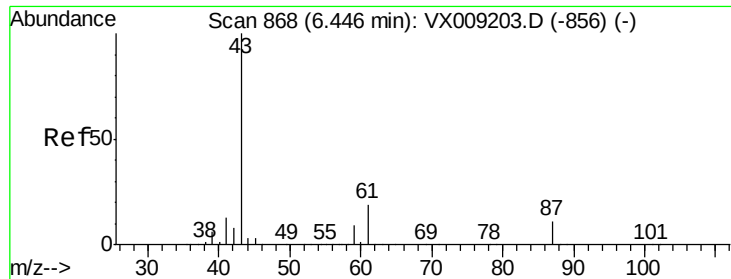
62 100

98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.510 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0514WBS01

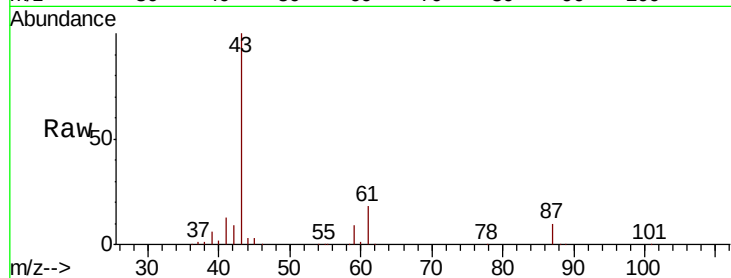
Tot Ion: 43 Resp: 99183

Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

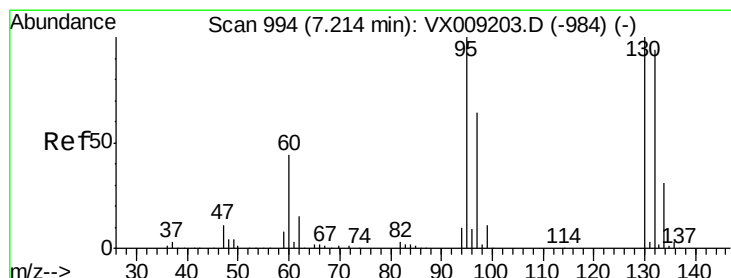
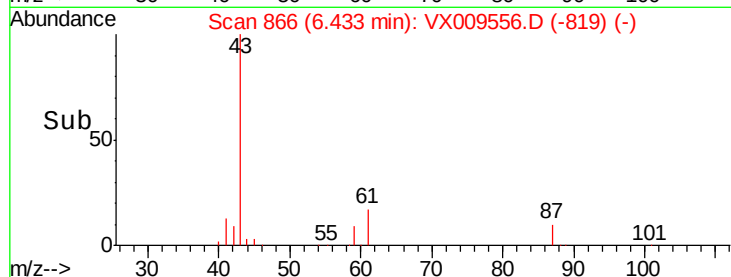
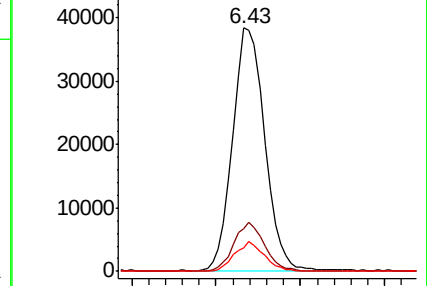
87 11.4 9.0 13.6



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: 20.642 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009556.D

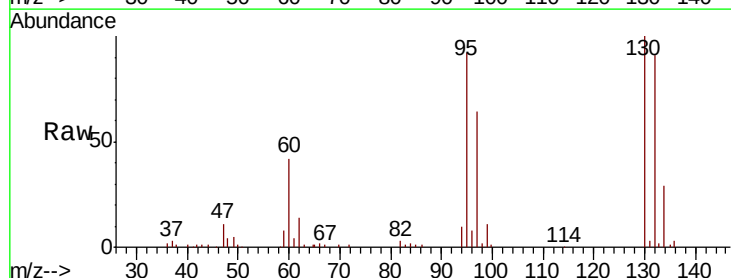
Acq: 14 May 2019 12:17

Tgt Ion:130 Resp: 35229

Ion Ratio Lower Upper

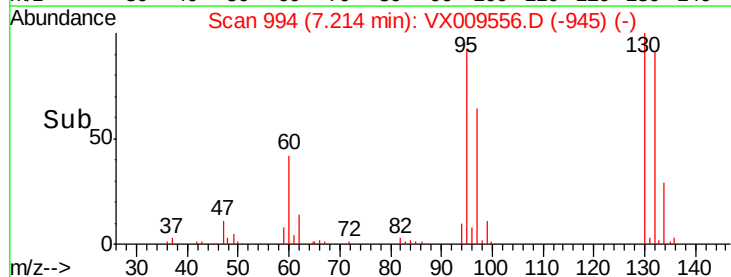
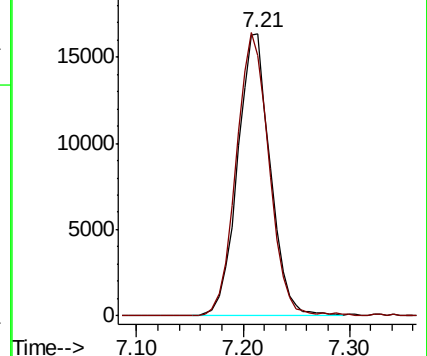
130 100

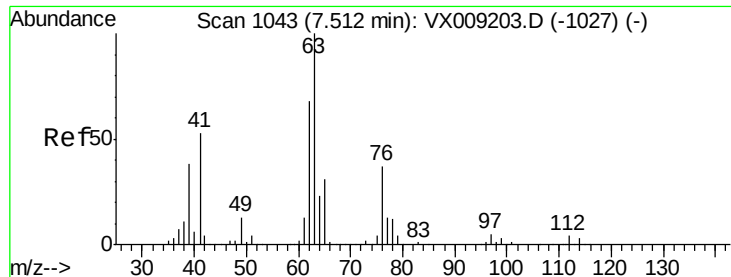
95 92.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

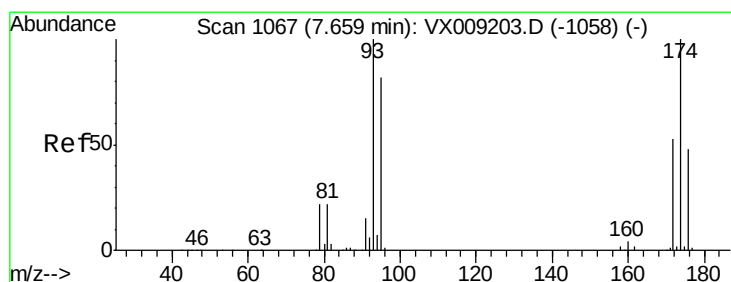
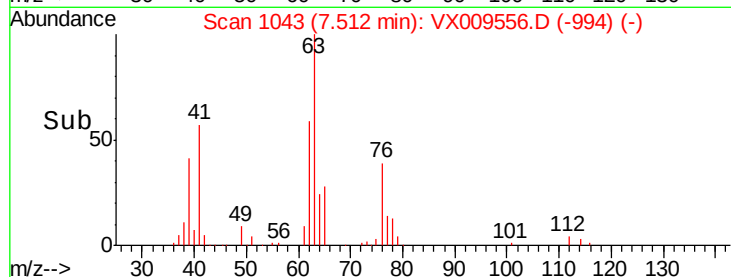
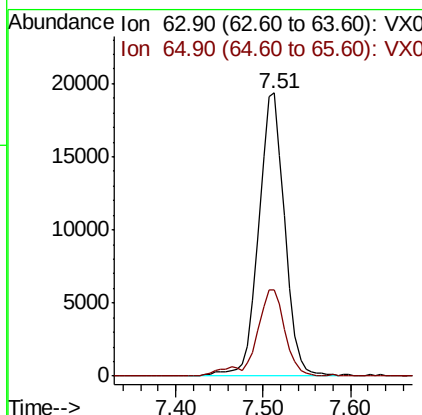
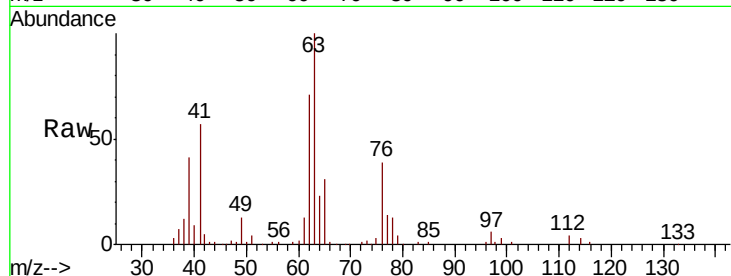




#45
 1,2-Dichloropropane
 Concen: 20.158 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

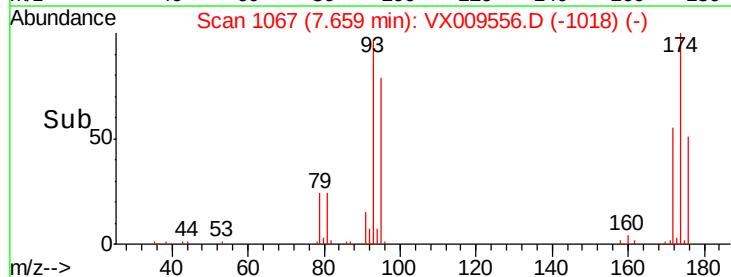
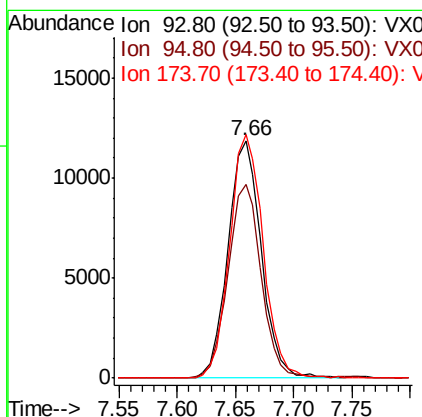
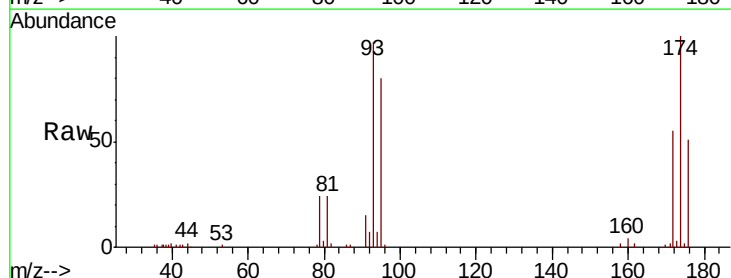
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

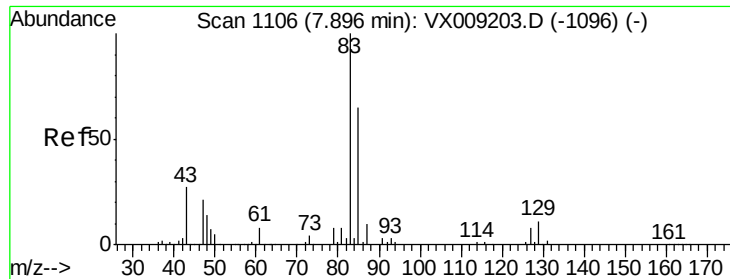
Tot Ion: 63 Resp: 40295
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 20.317 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion: 93 Resp: 23584
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.5 99.7
 174 103.1 82.1 123.1





#47

Bromodichloromethane

Concen: 20.176 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

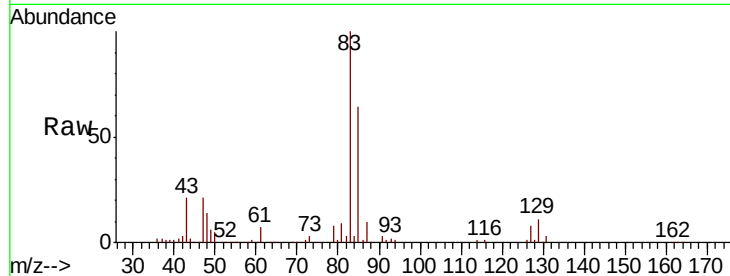
Tot Ion: 83 Resp: 46718

Ion Ratio Lower Upper

83 100

85 64.3 52.4 78.6

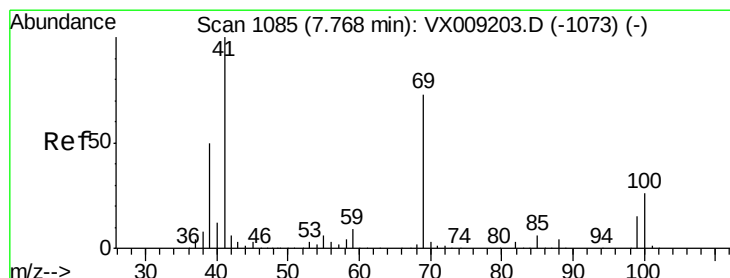
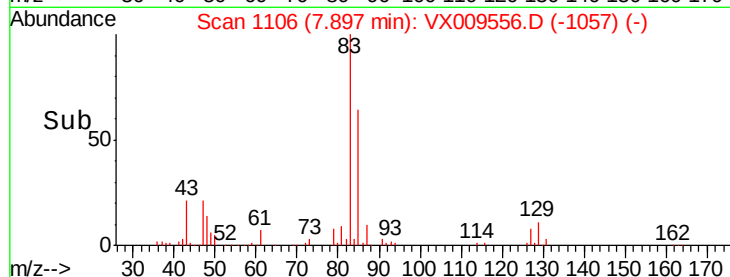
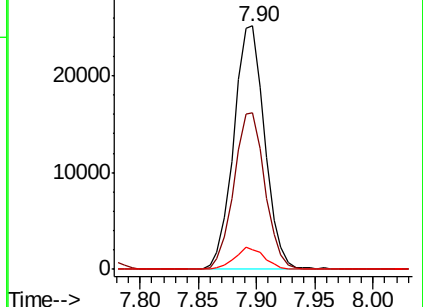
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.758 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

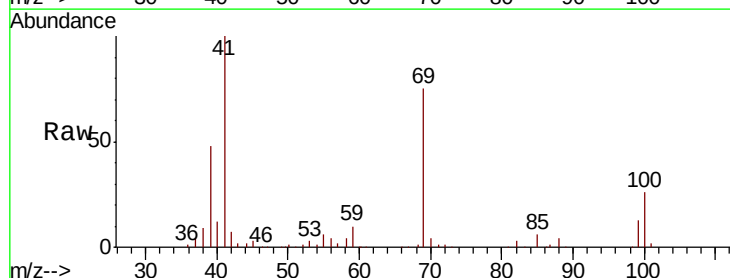
Tgt Ion: 41 Resp: 49834

Ion Ratio Lower Upper

41 100

69 73.9 59.1 88.7

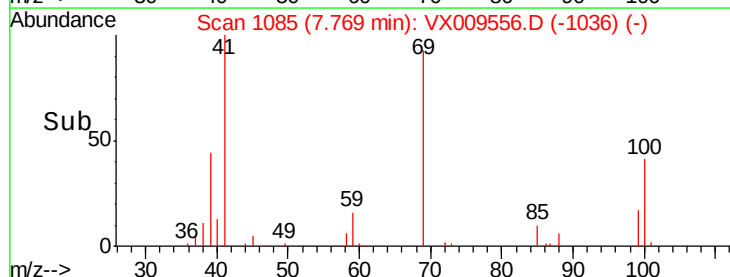
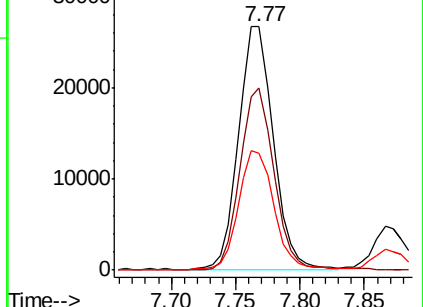
39 50.8 40.4 60.6

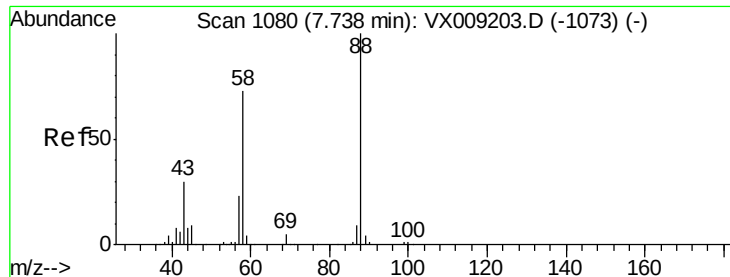


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

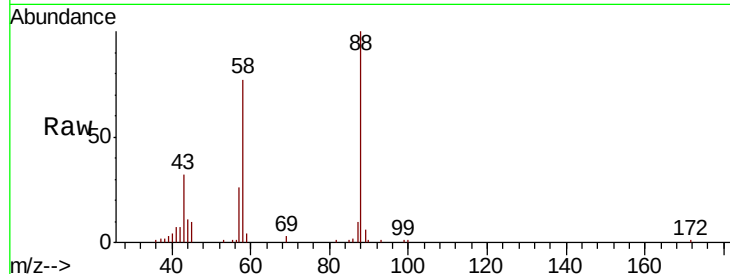




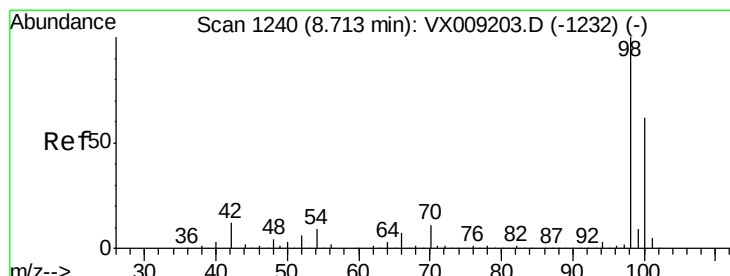
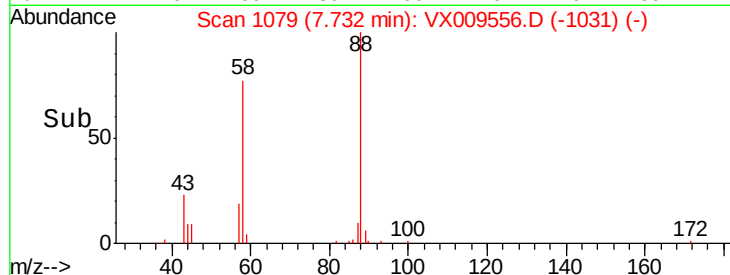
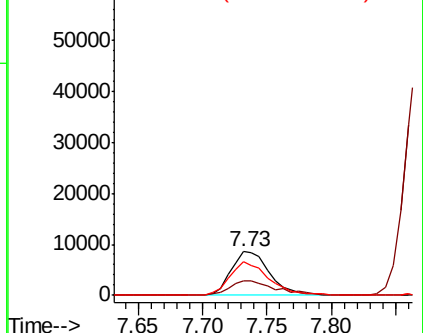
#49
 1,4-Dioxane
 Concen: 348.744 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion: 88 Resp: 17838
 Ion Ratio Lower Upper
 88 100
 43 37.3 28.6 42.8
 58 77.9 61.7 92.5

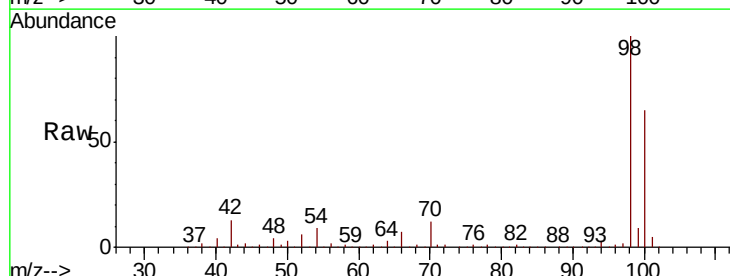


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

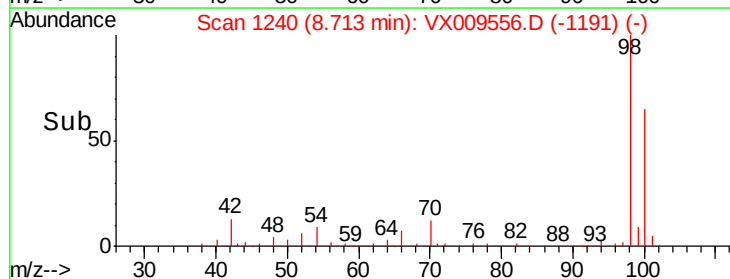
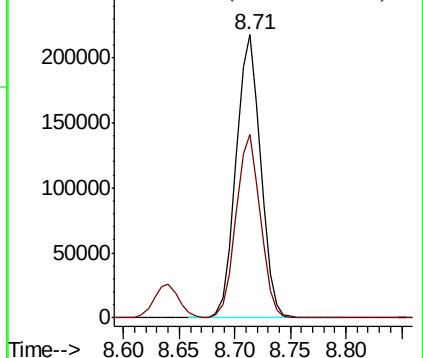


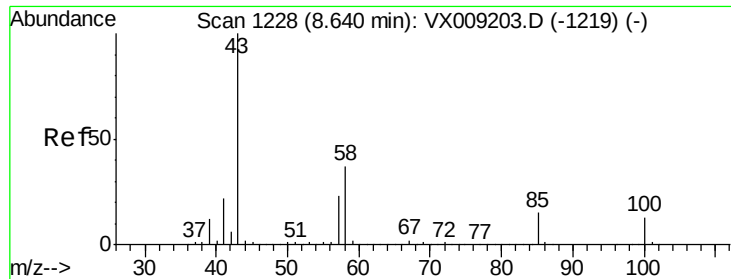
#50
 Toluene-d8
 Concen: 53.251 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion: 98 Resp: 331740
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 97.963 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

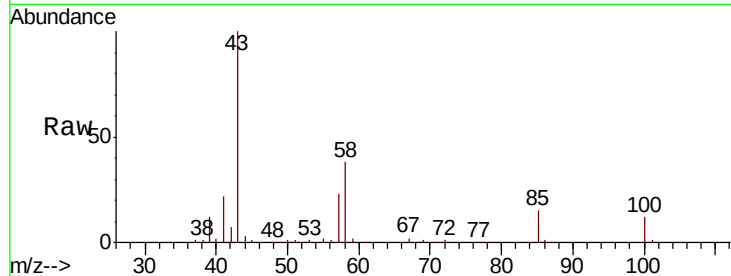
VX0514WBS01

Tot Ion: 43 Resp: 325514

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

200000

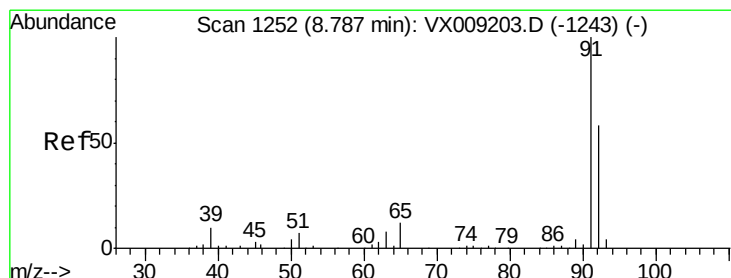
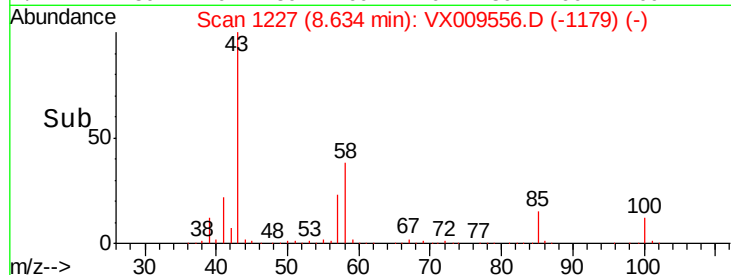
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.966 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009556.D

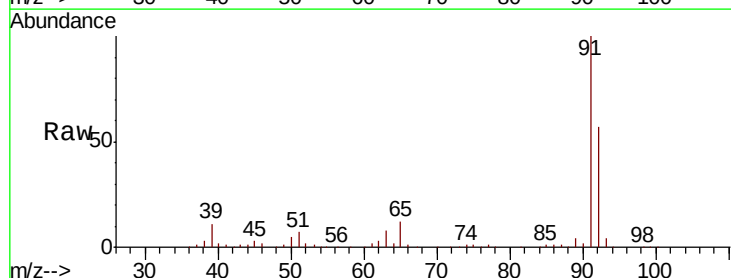
Acq: 14 May 2019 12:17

Tgt Ion: 92 Resp: 89972

Ion Ratio Lower Upper

92 100

91 171.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

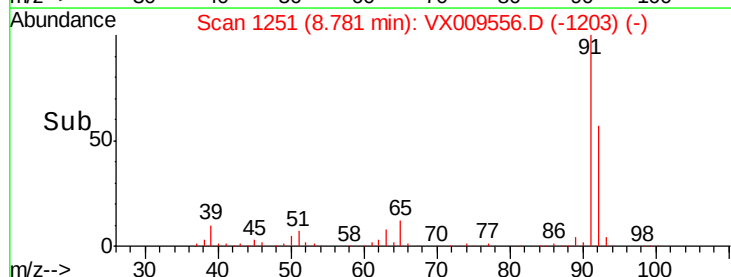
60000

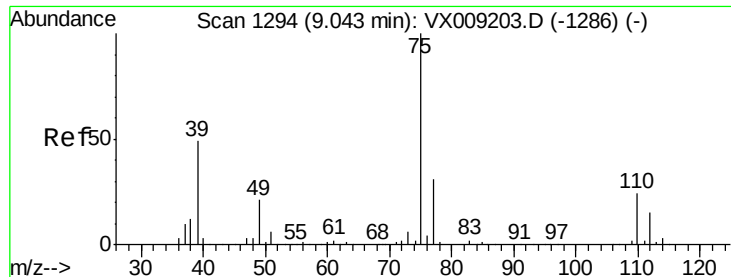
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.465 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

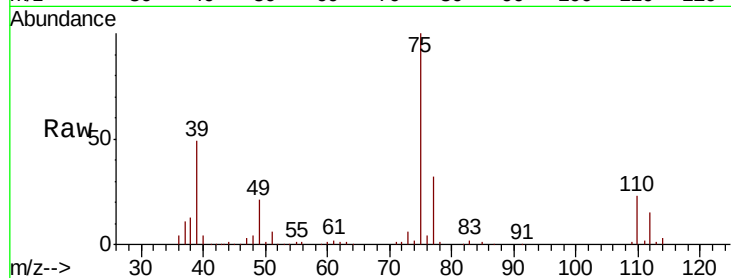
VX0514WBS01

Tot Ion: 75 Resp: 53500

Ion Ratio Lower Upper

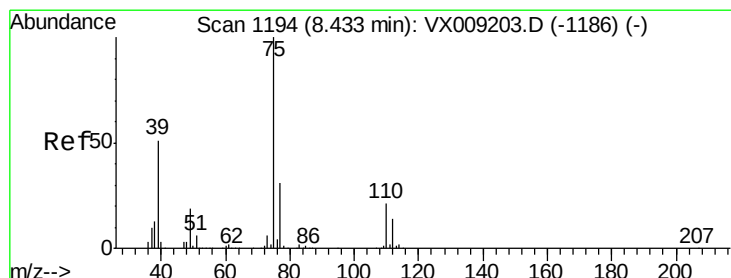
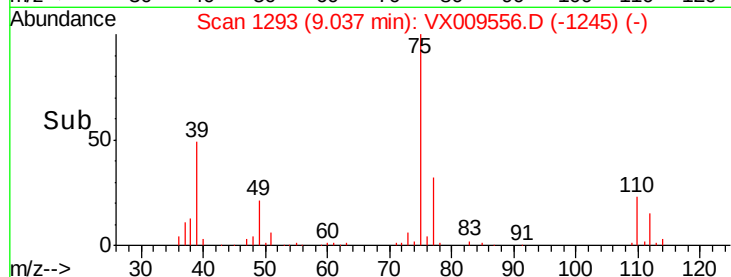
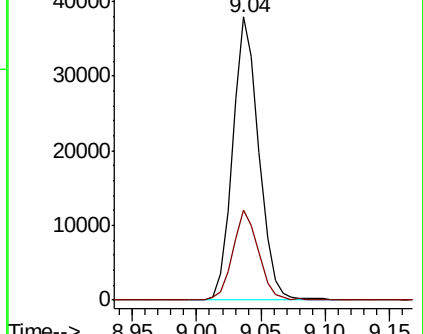
75 100

77 32.0 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.617 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

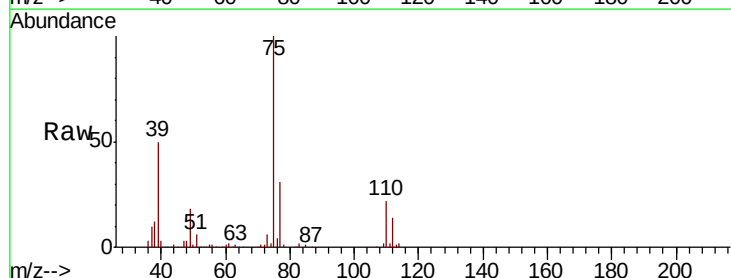
Tgt Ion: 75 Resp: 59658

Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

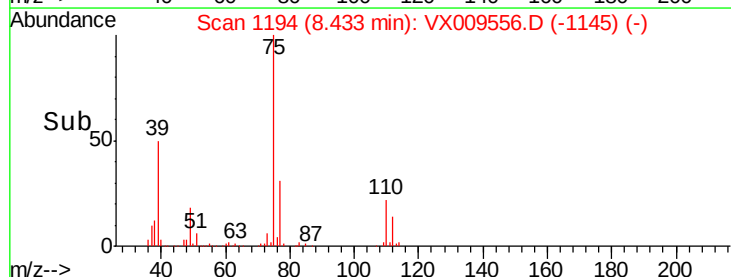
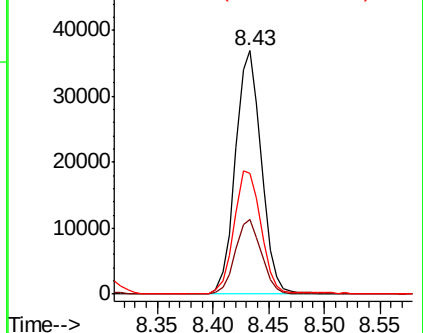
39 49.6 40.6 60.8

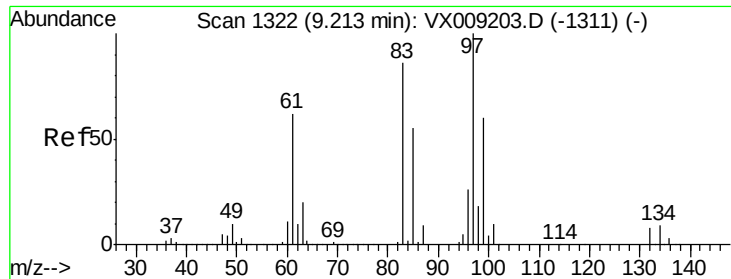


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

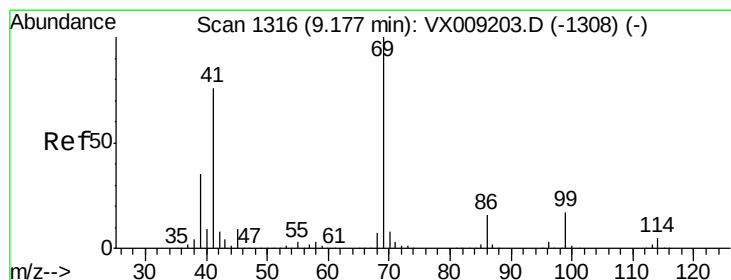
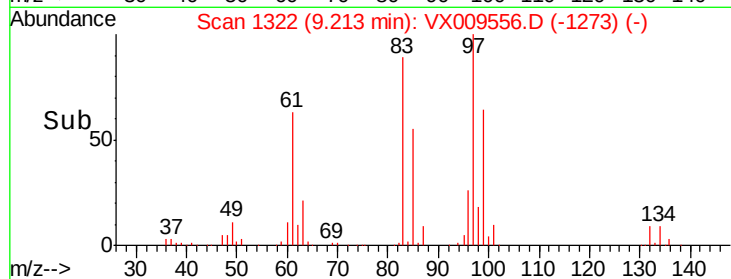
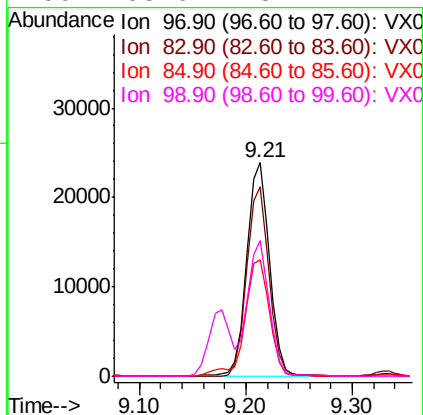
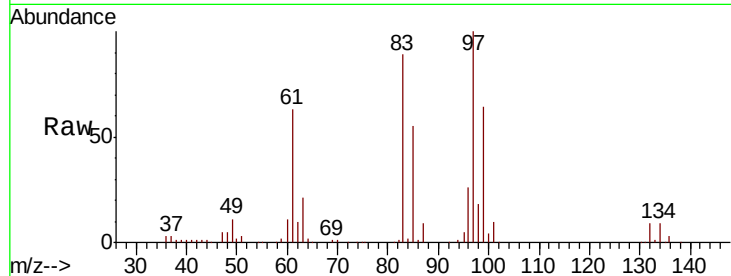




#55
 1,1,2-Trichloroethane
 Concen: 20.550 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

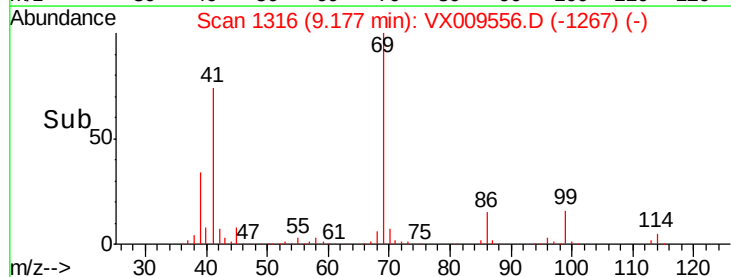
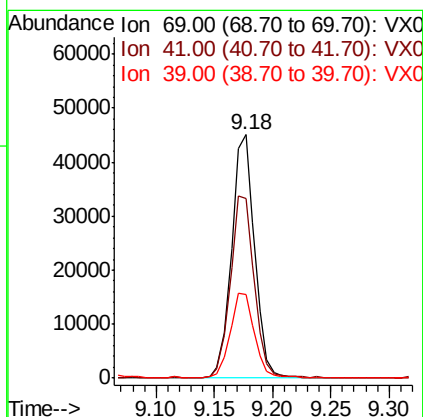
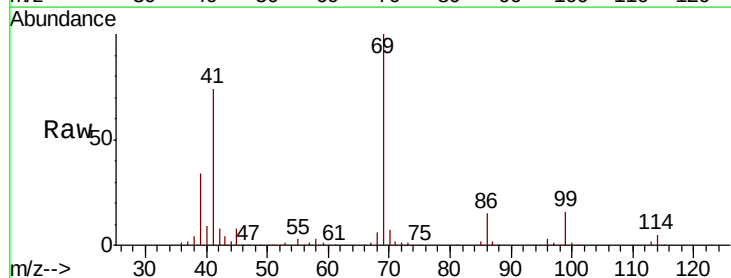
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

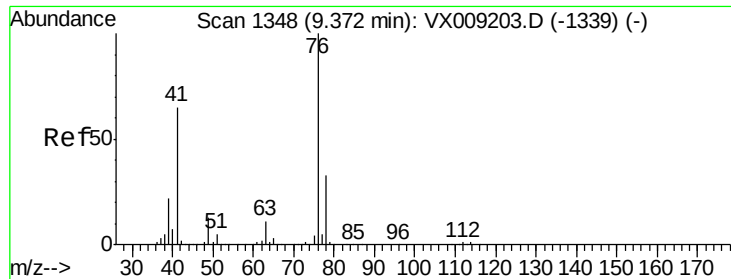
Tot Ion:	97	Resp:	35977
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.9	103.3
85	54.6	43.8	65.6
99	63.6	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 19.866 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion:	69	Resp:	62084
Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.6	90.8
39	36.3	28.2	42.4

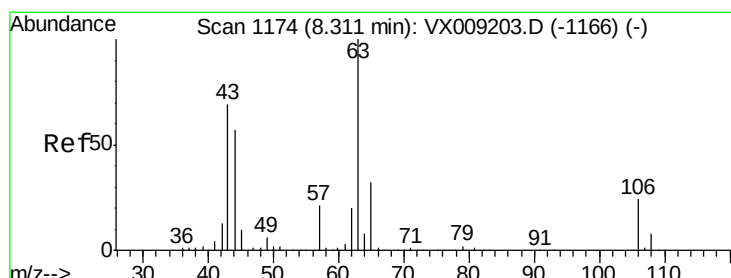
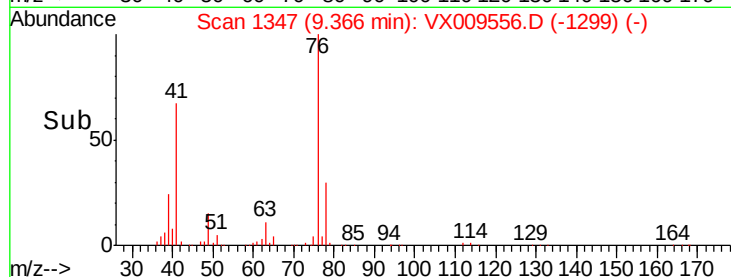
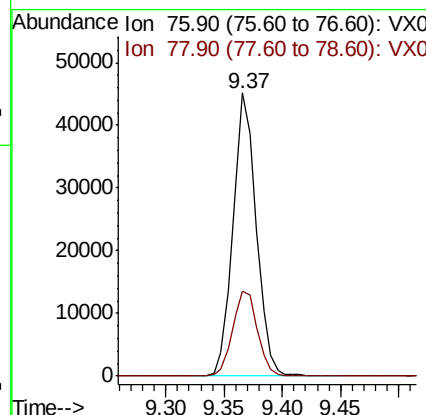
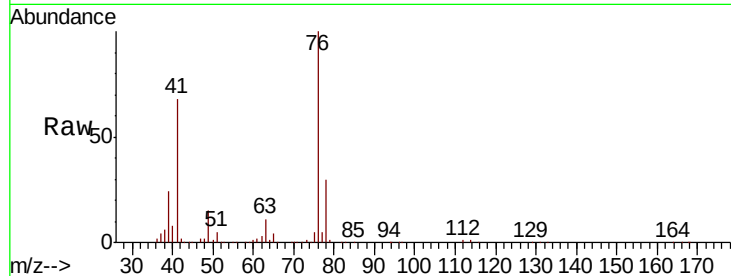




#57
 1,3-Dichloropropane
 Concen: 20.433 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

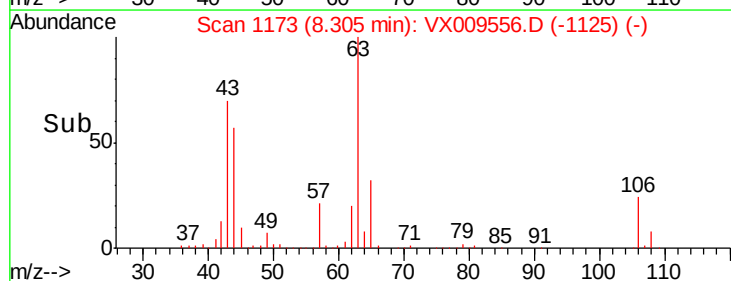
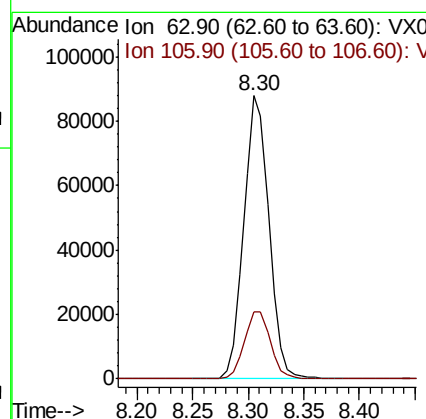
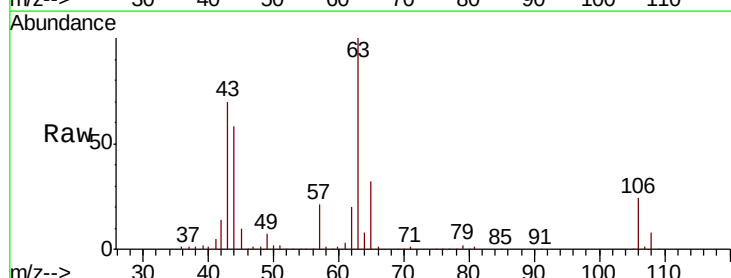
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

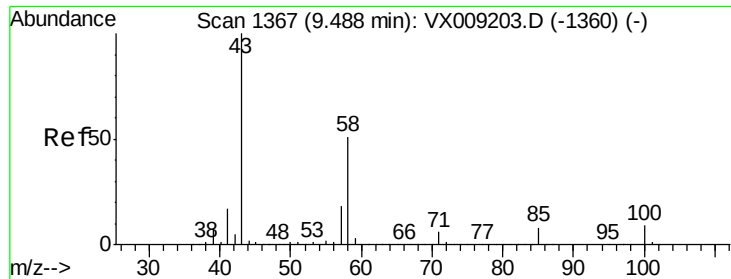
Tot Ion: 76 Resp: 62950
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.984 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion: 63 Resp: 137579
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5

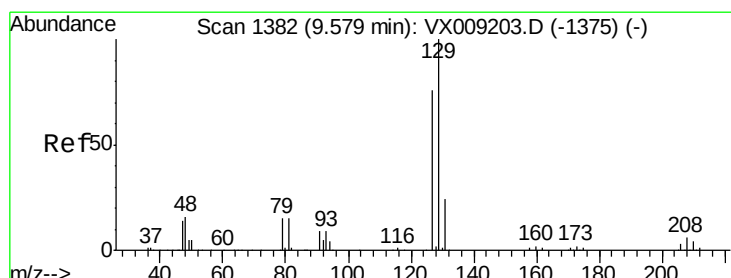
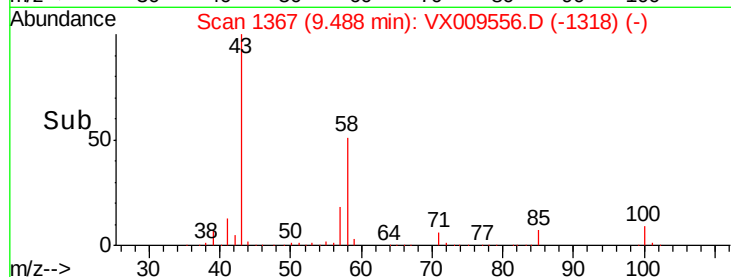
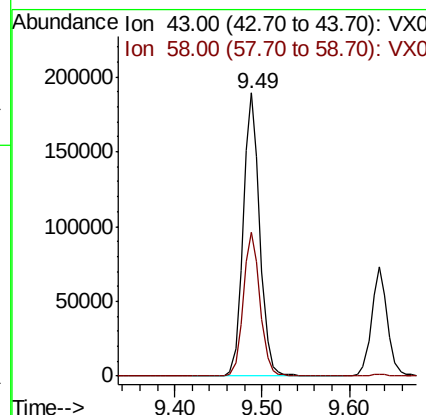
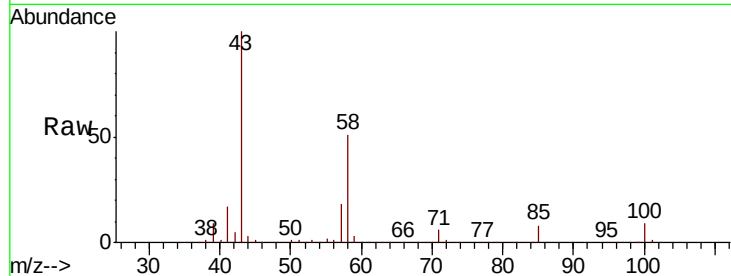




#59
2-Hexanone
Concen: 96.617 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

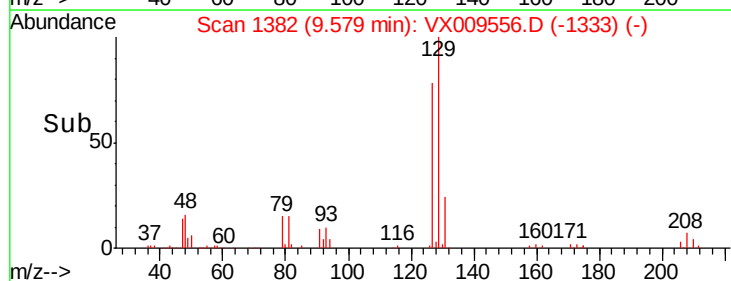
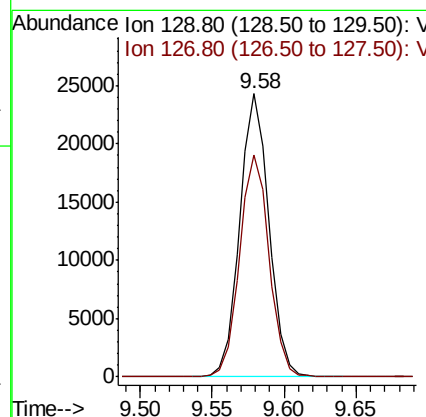
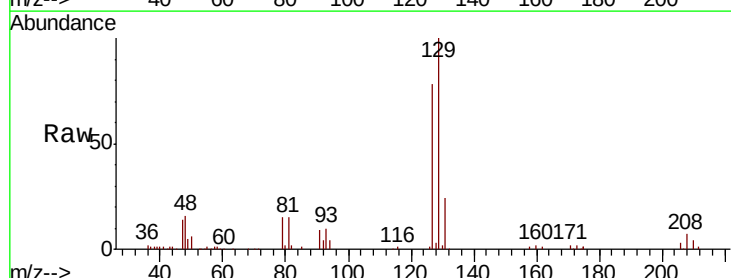
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

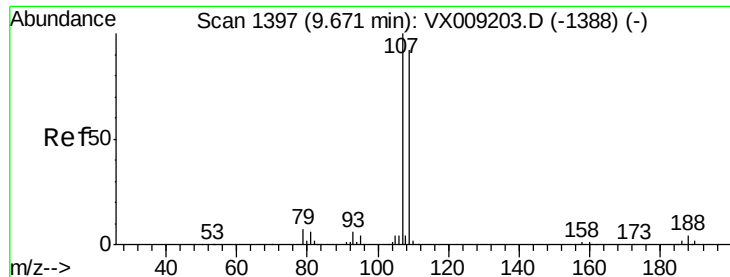
Tot Ion: 43 Resp: 252142
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7



#60
Dibromochloromethane
Concen: 20.078 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 129 Resp: 34332
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.398 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

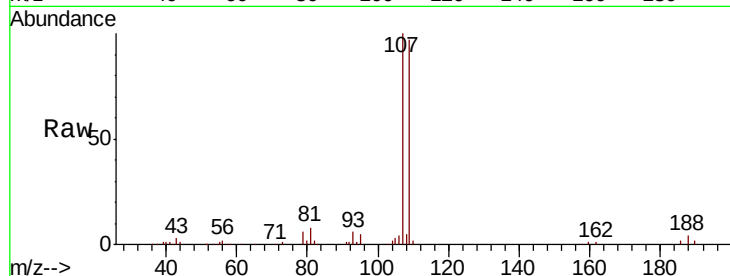
VX0514WBS01

Tot Ion:107 Resp: 36049

Ion Ratio Lower Upper

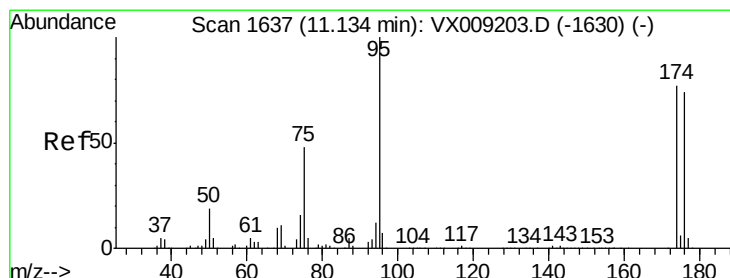
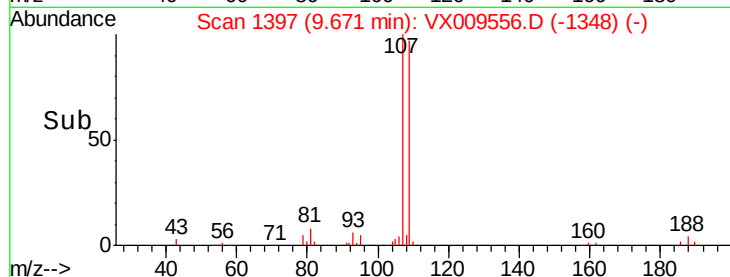
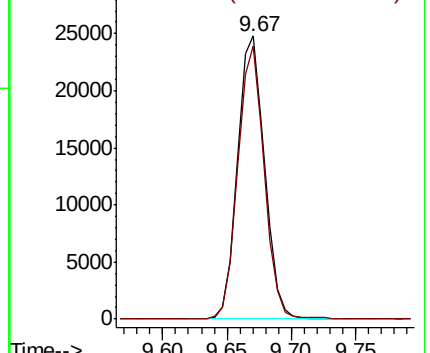
107 100

109 94.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

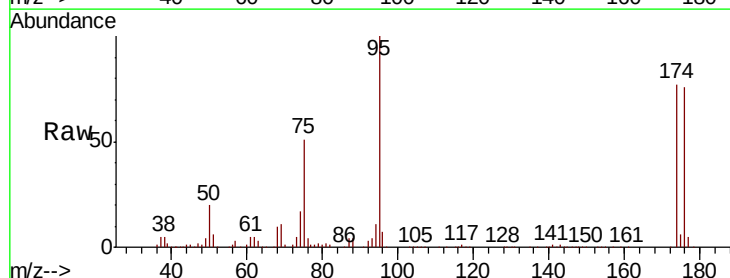
Tgt Ion: 95 Resp: 123245

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

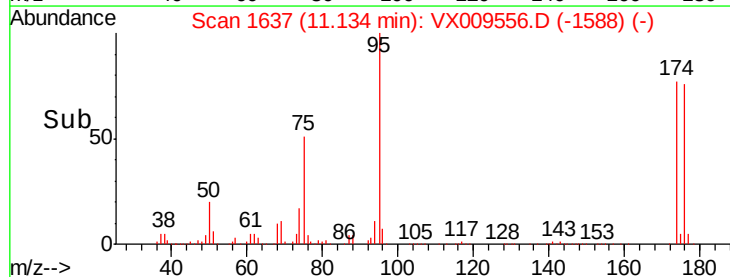
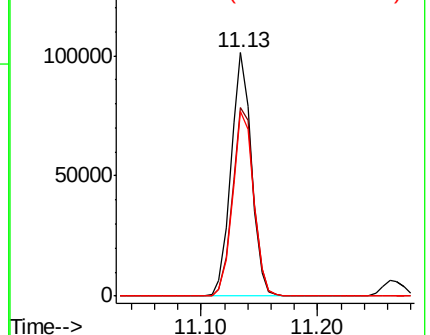
176 78.5 0.0 159.2

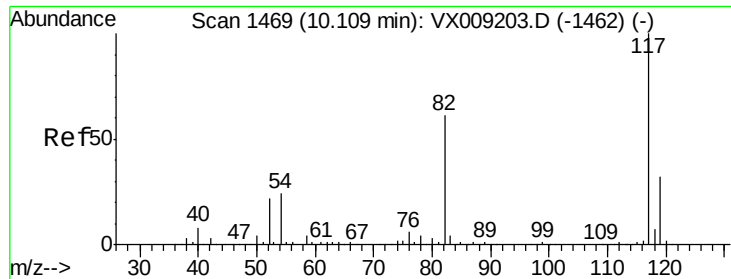


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

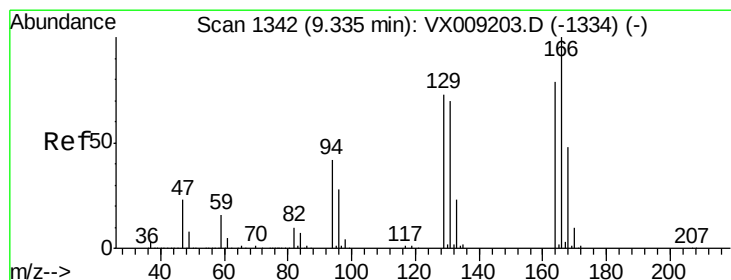
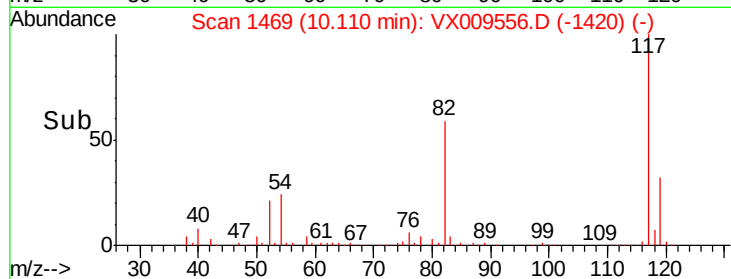
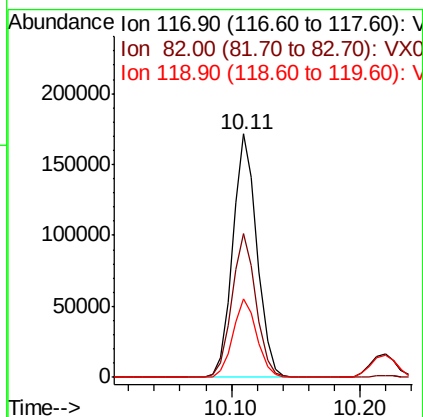
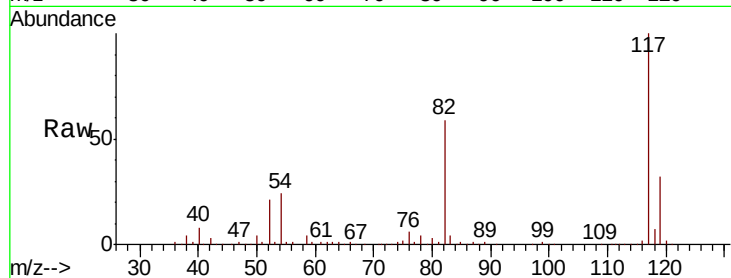




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

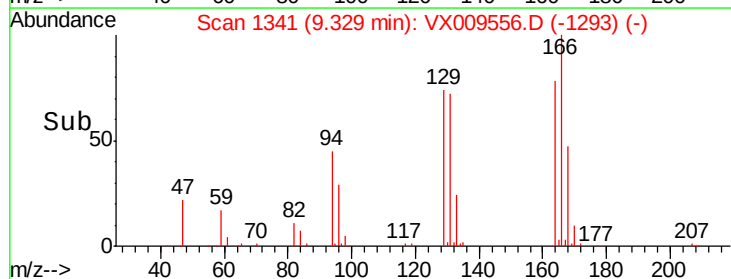
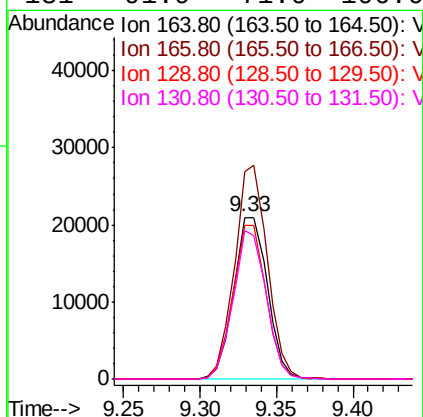
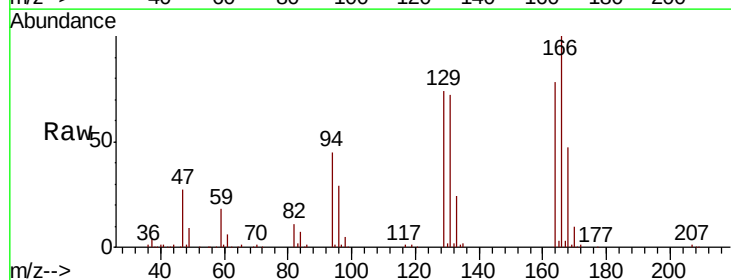
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

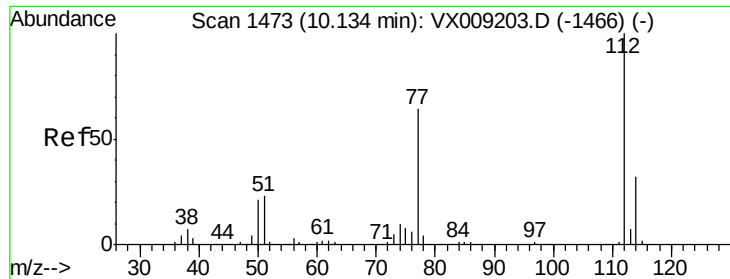
Tot Ion:117 Resp: 224246
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 20.888 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion:164 Resp: 32130
Ion Ratio Lower Upper
164 100
166 128.1 101.2 151.8
129 95.0 74.3 111.5
131 91.9 71.0 106.6

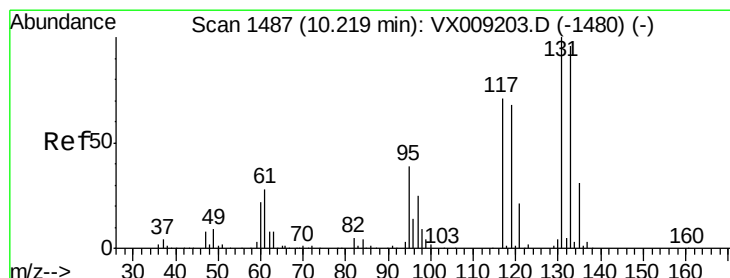
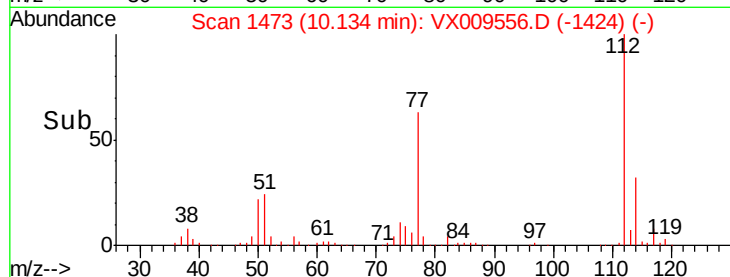
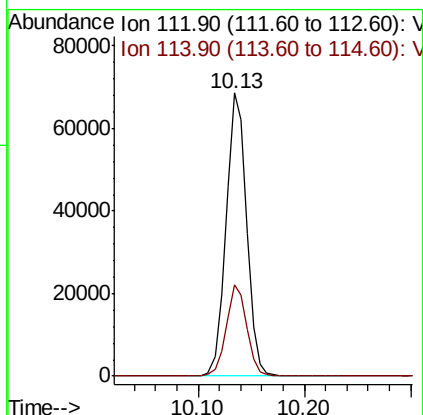
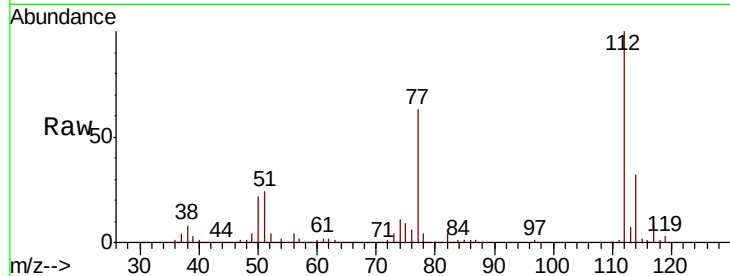




#65
Chlorobenzene
Concen: 20.688 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

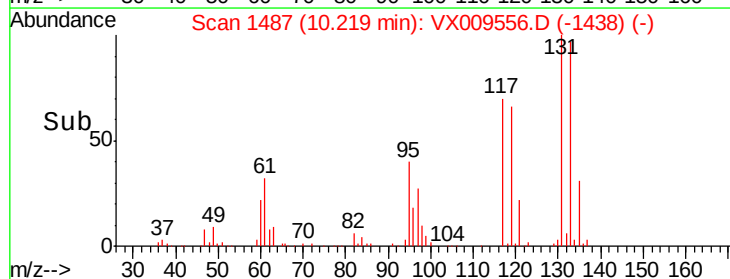
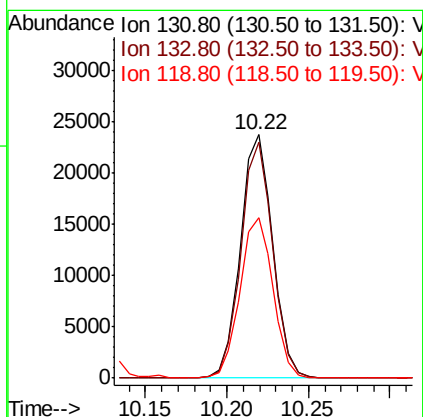
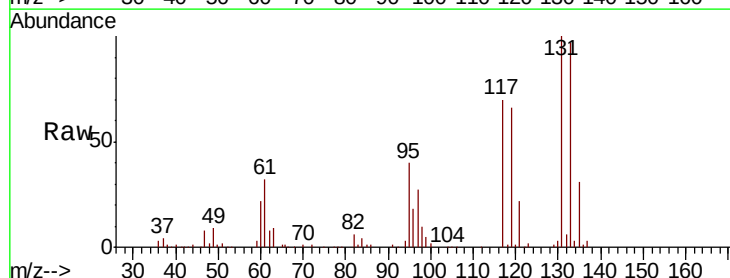
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

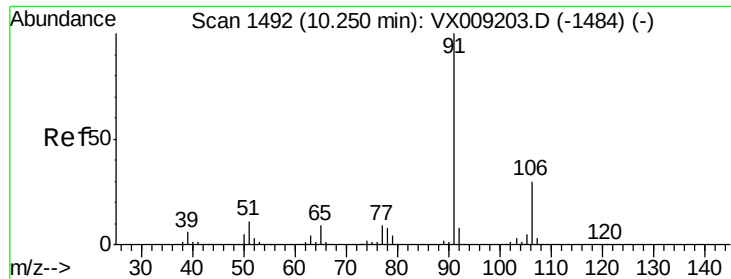
Tot Ion:112 Resp: 92807
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.103 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion:131 Resp: 32694
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 67.4 33.5 100.4





#67

Ethyl Benzene

Concen: 20.757 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

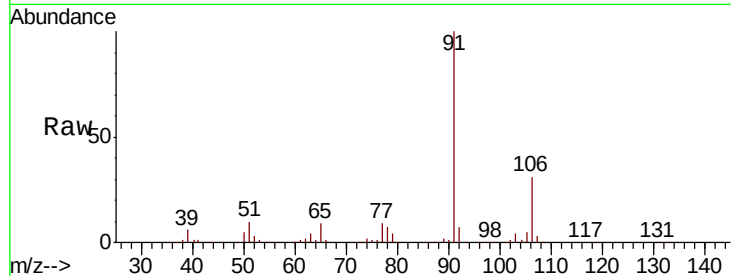
VX0514WBS01

Tot Ion: 91 Resp: 171365

Ion Ratio Lower Upper

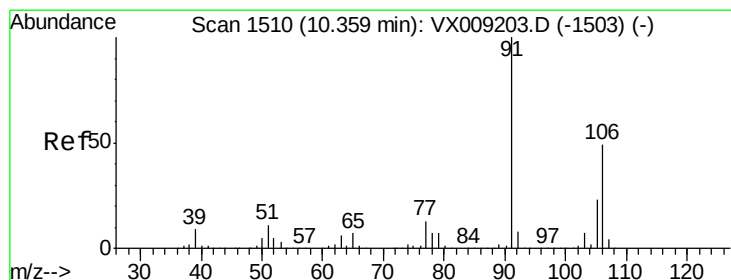
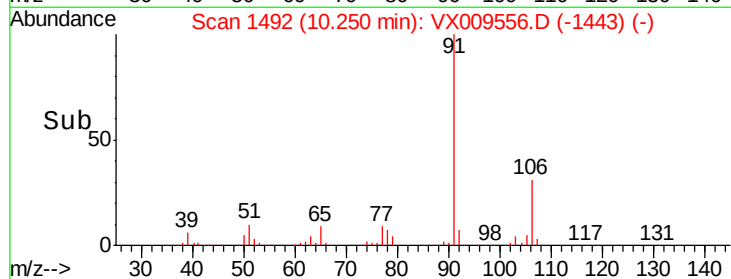
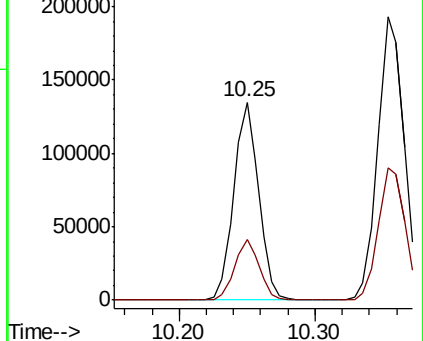
91 100

106 30.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.321 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009556.D

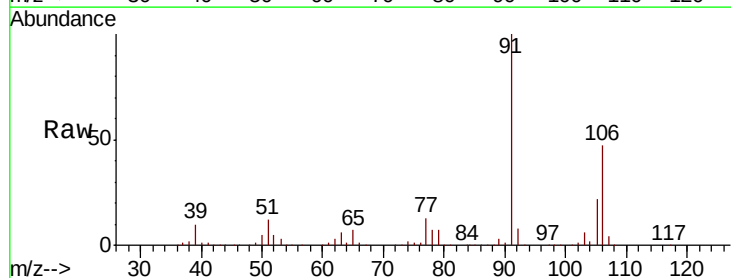
Acq: 14 May 2019 12:17

Tgt Ion: 106 Resp: 124663

Ion Ratio Lower Upper

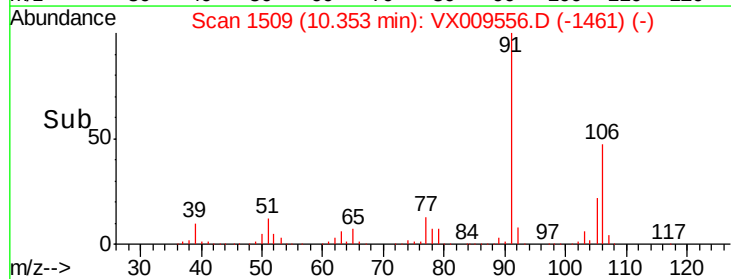
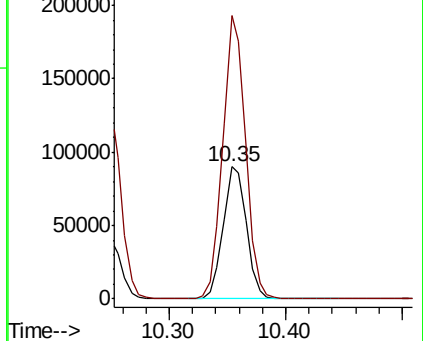
106 100

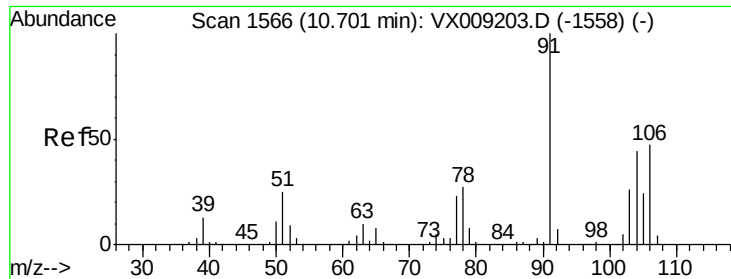
91 209.1 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

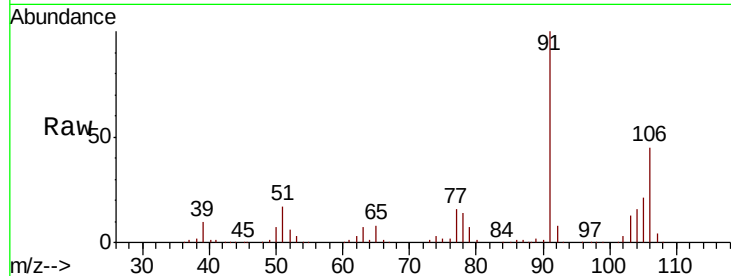




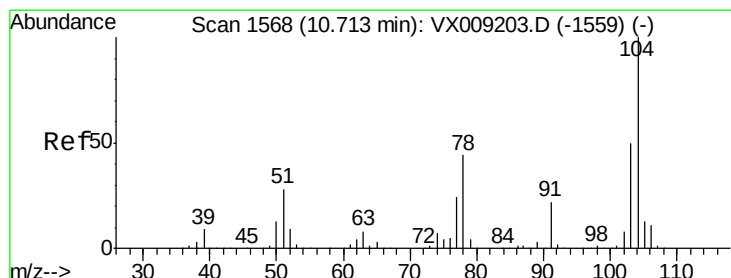
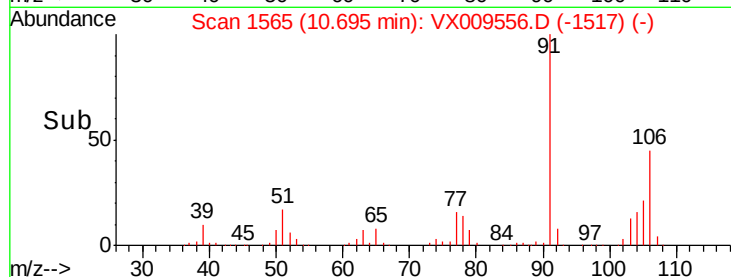
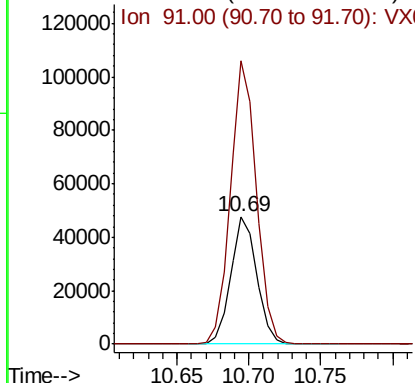
#69
o-Xylene
Concen: 20.311 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0514WBS01

Tot Ion:106 Resp: 60460
Ion Ratio Lower Upper
106 100
91 221.3 109.5 328.4

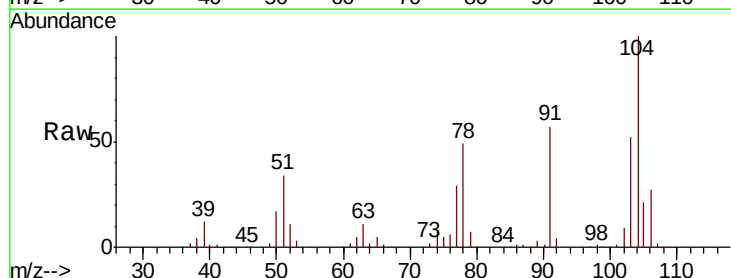


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

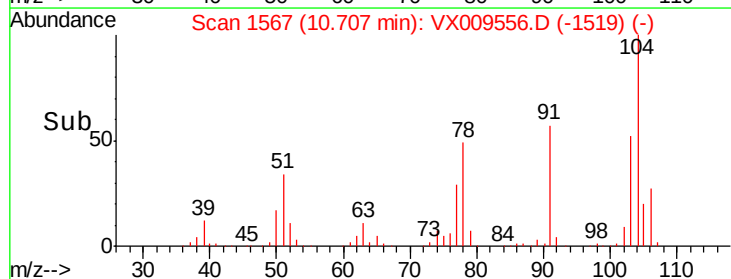
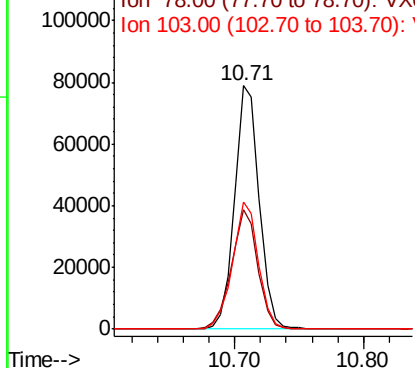


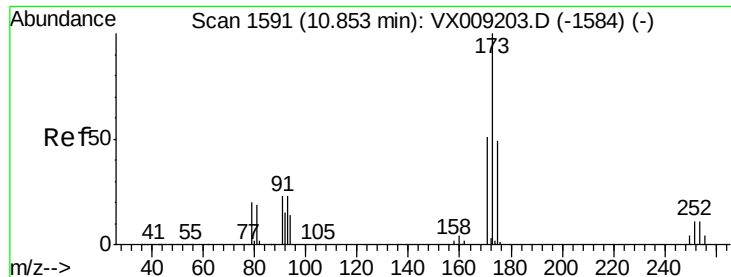
#70
Styrene
Concen: 20.335 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion:104 Resp: 105206
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 55.0 43.8 65.6



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





#71

Bromoform

Concen: 19.362 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0514WBS01

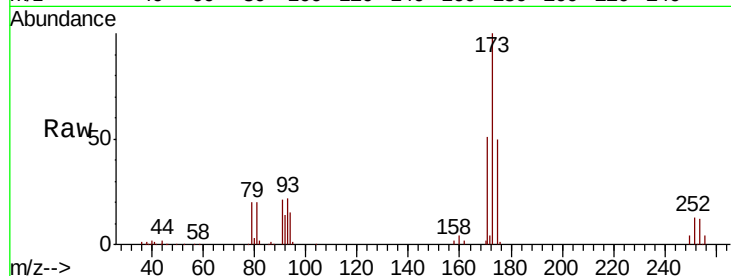
Tot Ion:173 Resp: 25590

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

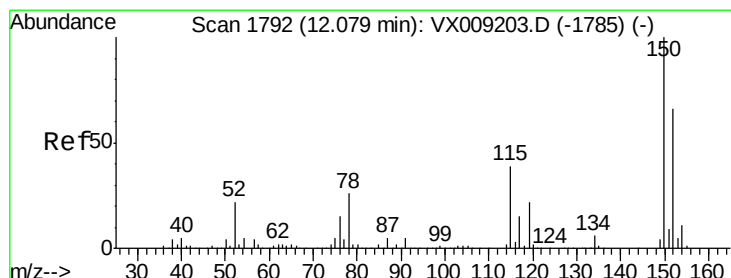
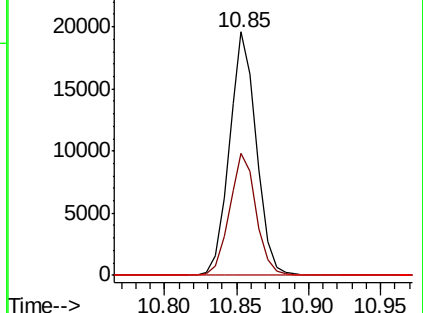
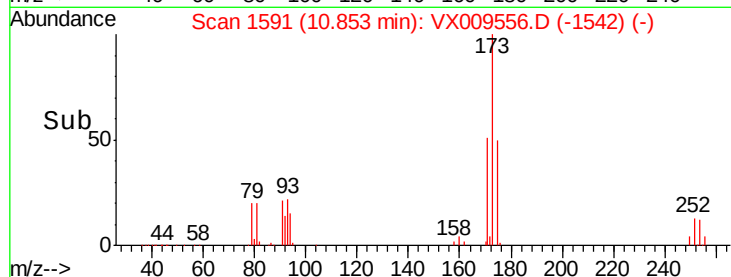
254 0.3 0.1 0.1#



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: VX009556.D

Acq: 14 May 2019 12:17

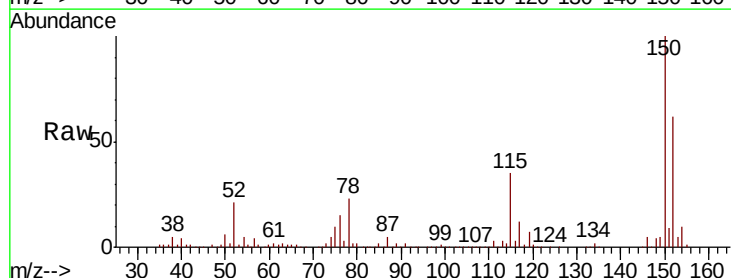
Tgt Ion:152 Resp: 112024

Ion Ratio Lower Upper

152 100

115 67.3 41.2 123.6

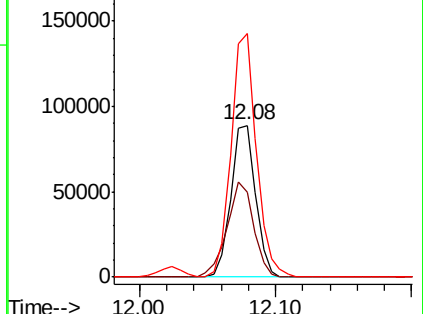
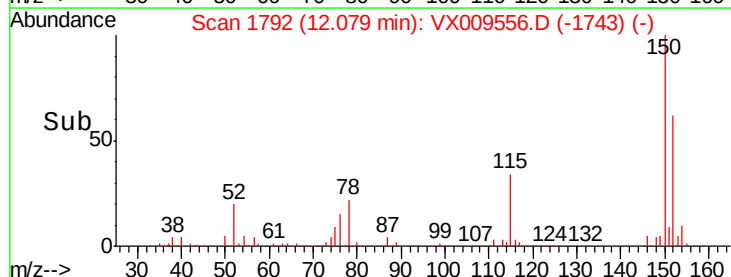
150 164.1 0.0 346.4

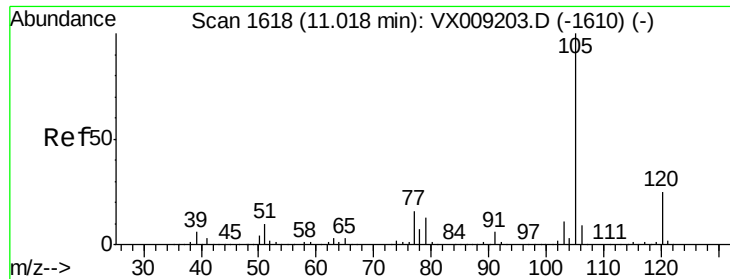


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

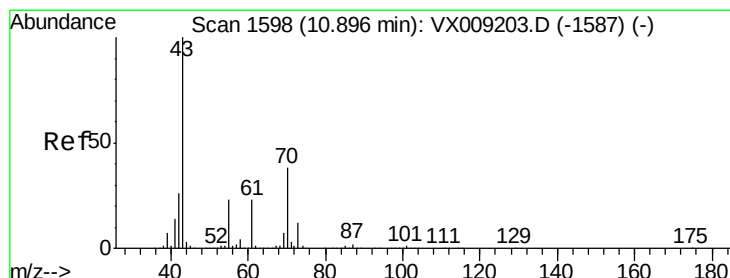
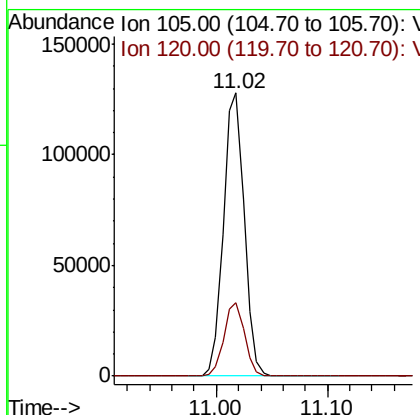
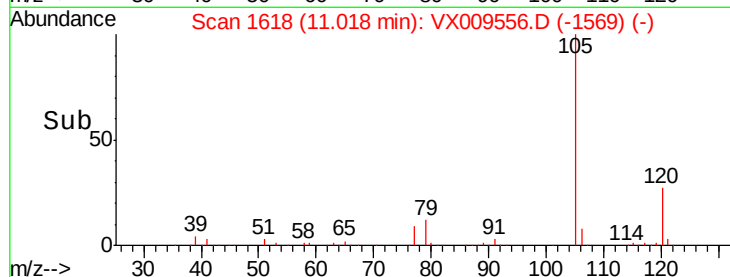
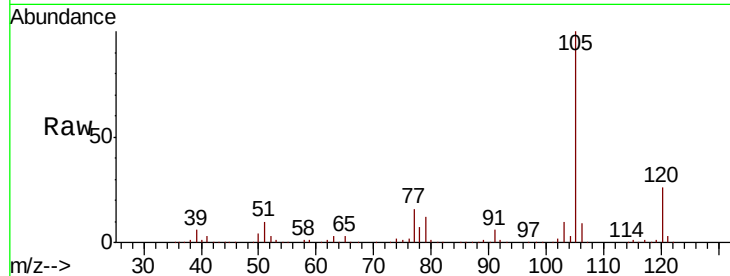




#73
Isopropylbenzene
Concen: 20.281 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

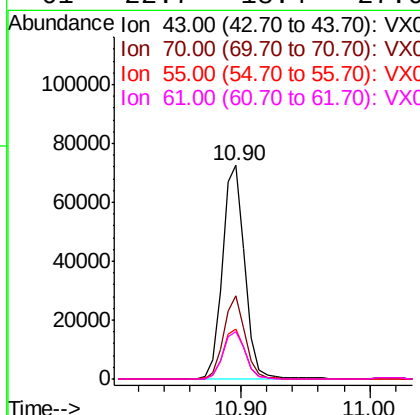
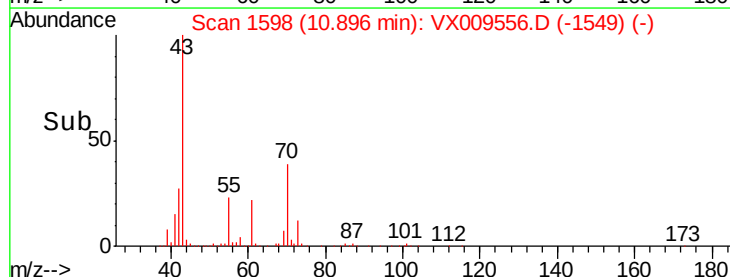
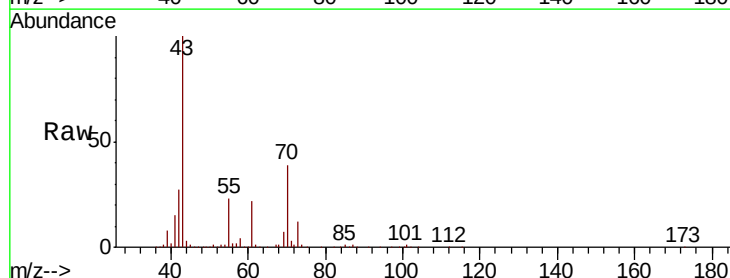
Instrument :
MSVOA_X
ClientSampled :
VX0514WBS01

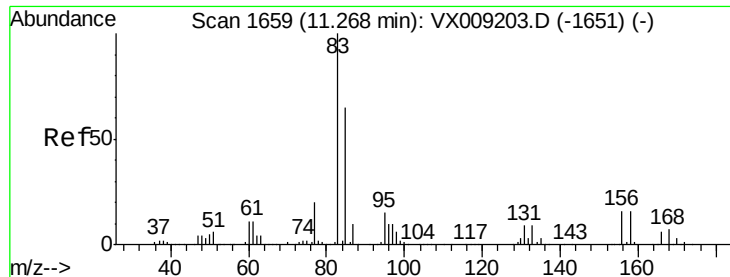
Tot Ion:105 Resp: 165214
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 18.634 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 43 Resp: 88499
Ion Ratio Lower Upper
43 100
70 37.4 30.0 45.0
55 23.6 17.9 26.9
61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.118 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

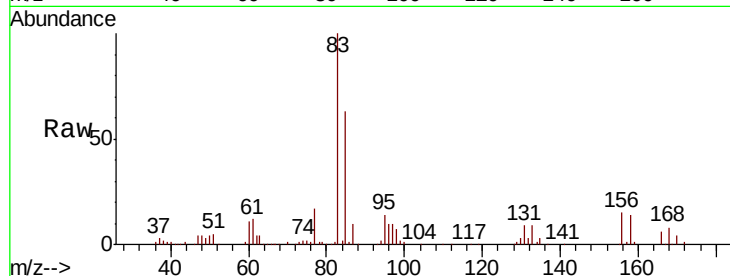
Tot Ion: 83 Resp: 58058

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

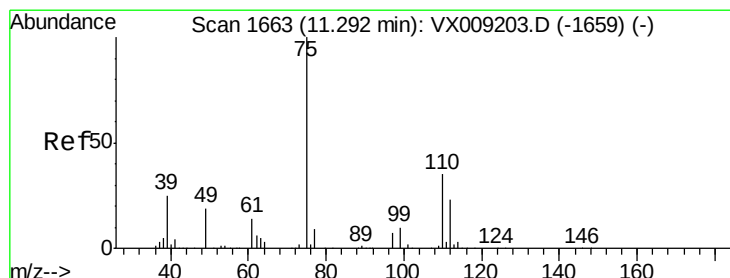
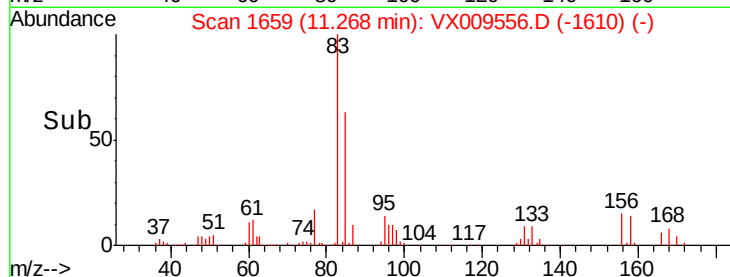
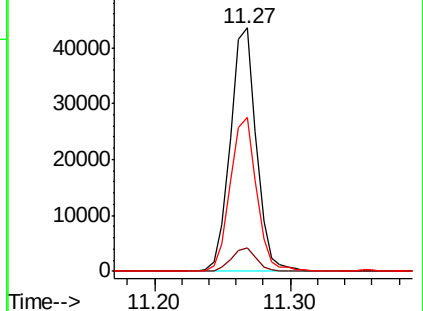
85 64.2 32.0 96.2



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: 25.234 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009556.D

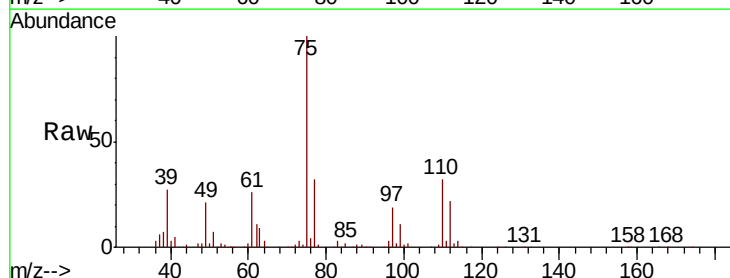
Acq: 14 May 2019 12:17

Tgt Ion: 75 Resp: 65571

Ion Ratio Lower Upper

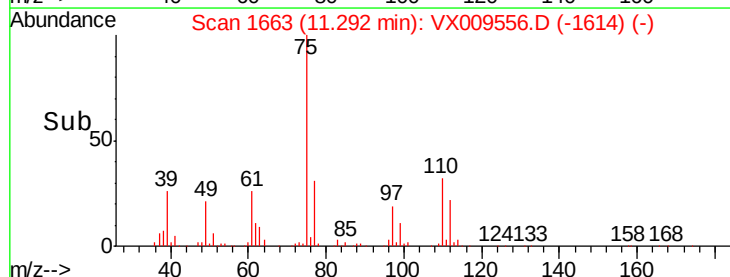
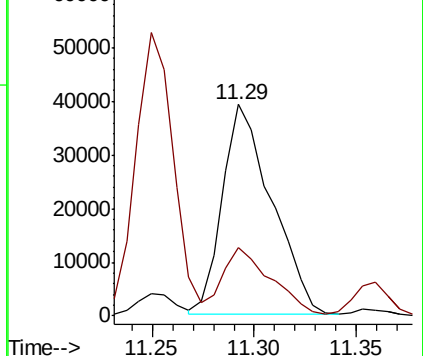
75 100

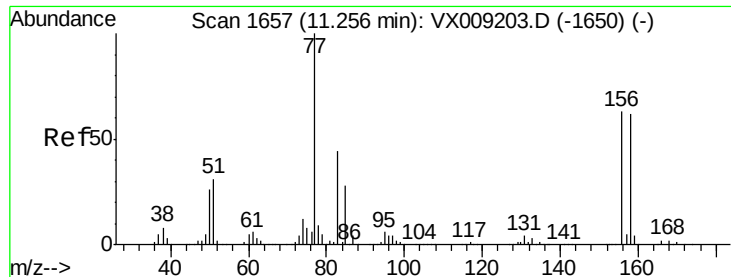
77 32.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.940 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

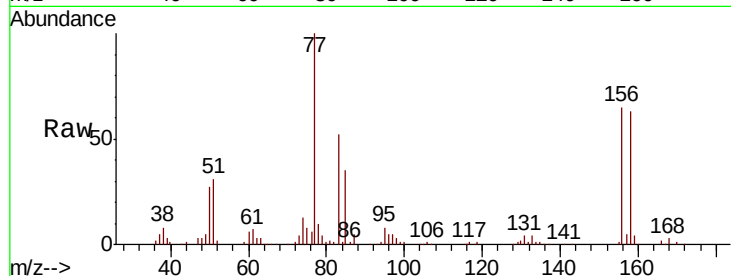
Tot Ion:156 Resp: 40318

Ion Ratio Lower Upper

156 100

77 168.5 84.8 254.3

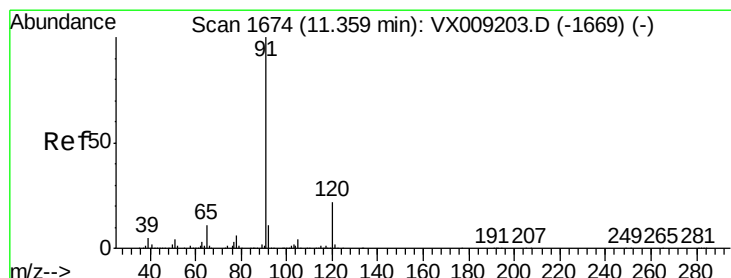
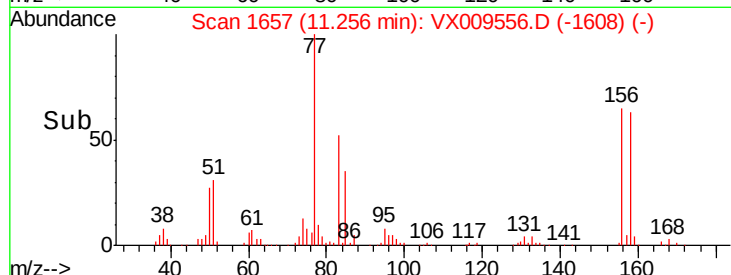
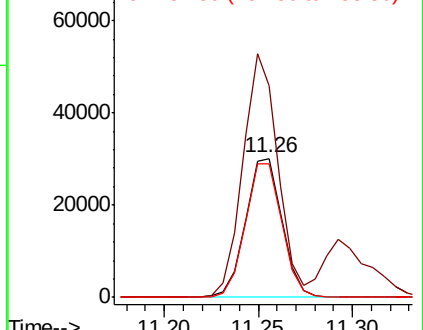
158 97.0 49.1 147.3



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: 20.412 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009556.D

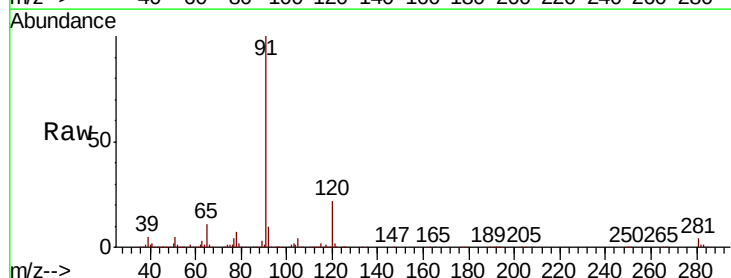
Acq: 14 May 2019 12:17

Tgt Ion: 91 Resp: 189905

Ion Ratio Lower Upper

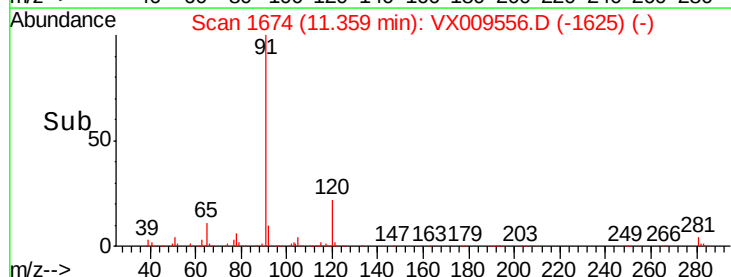
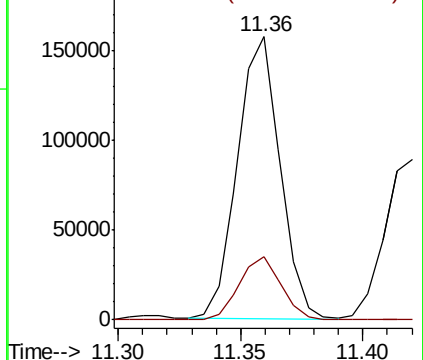
91 100

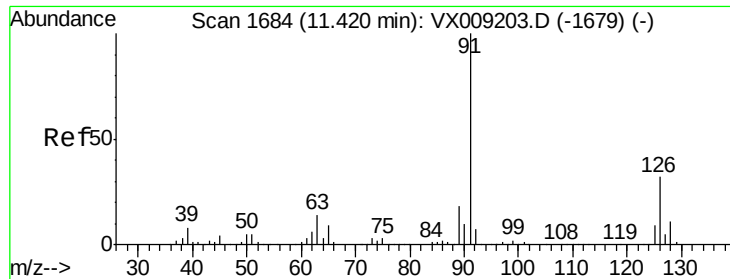
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.908 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

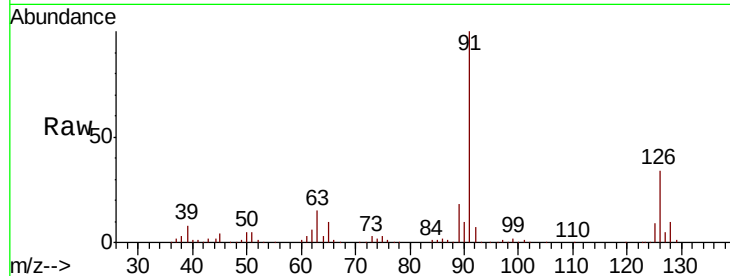
VX0514WBS01

Tot Ion: 91 Resp: 114267

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)

150000

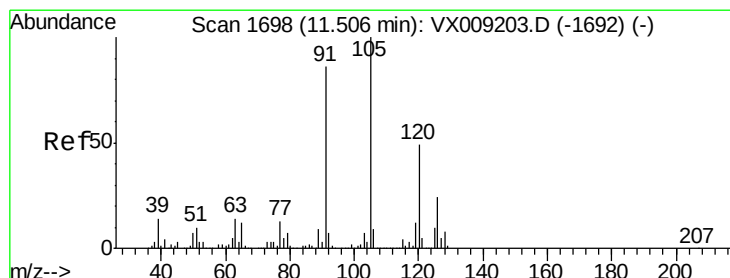
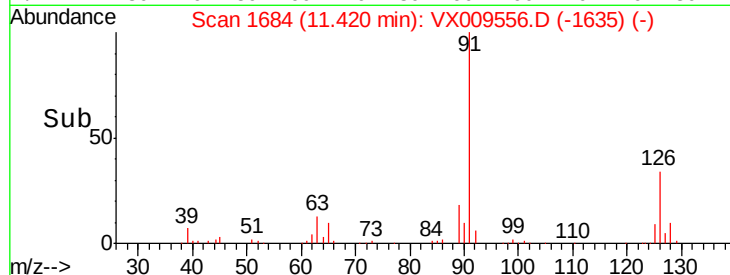
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.396 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009556.D

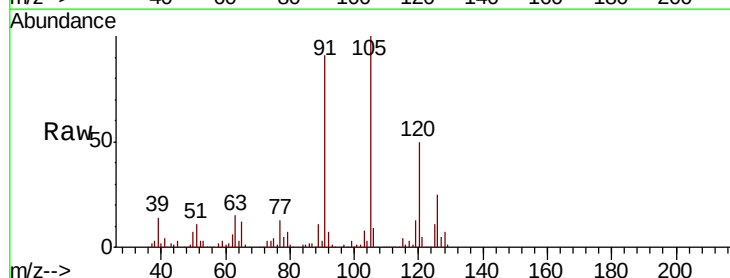
Acq: 14 May 2019 12:17

Tgt Ion:105 Resp: 139898

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)

120000

100000

80000

60000

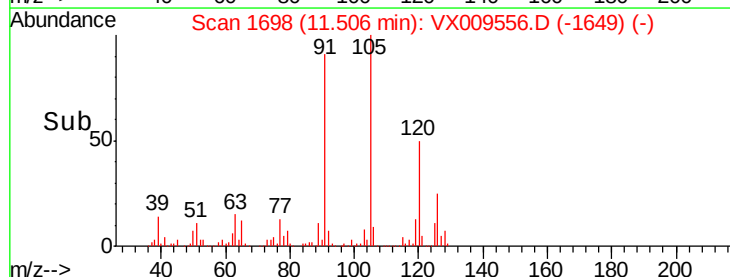
40000

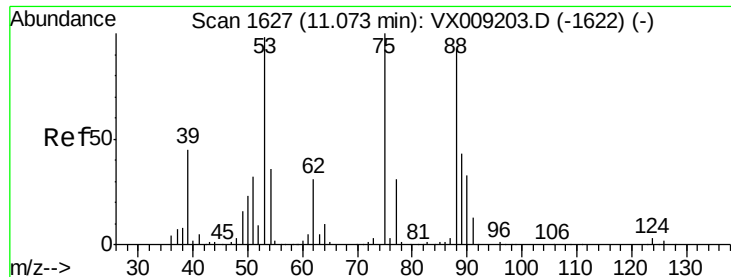
20000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60

Time-->

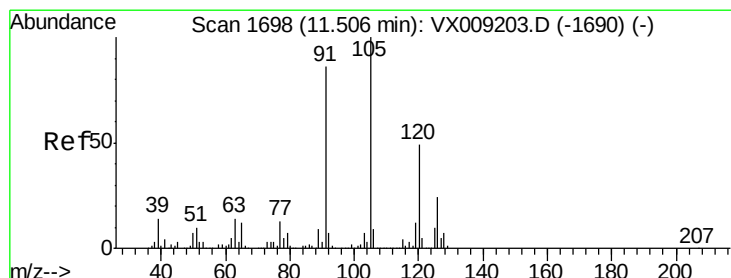
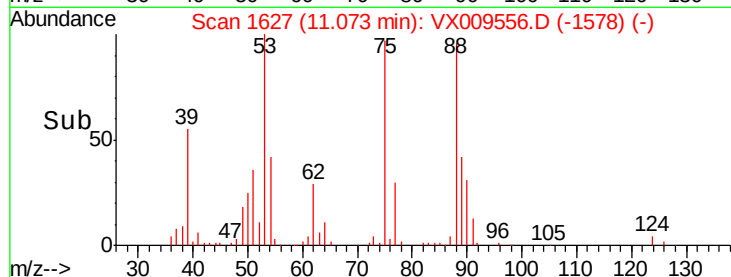
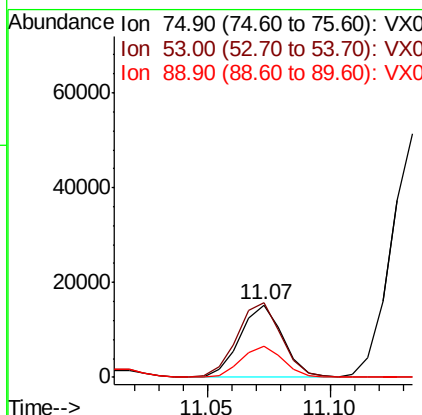
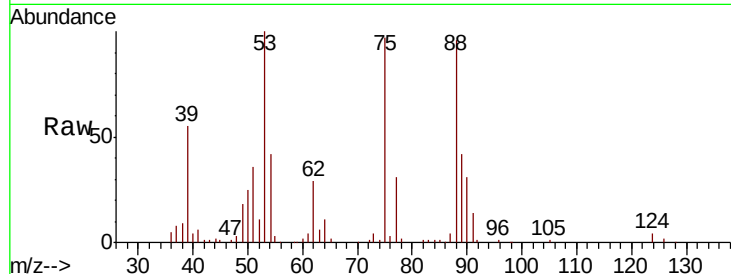




#81
trans-1,4-Dichloro-2-butene
Concen: 18.397 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

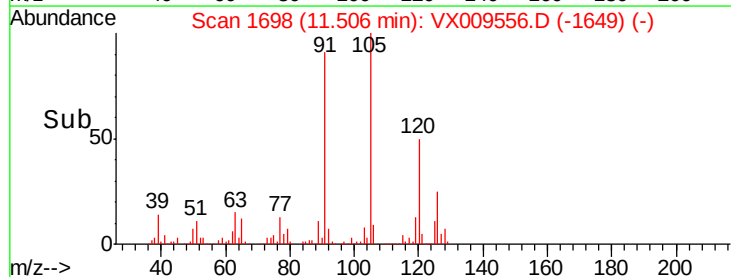
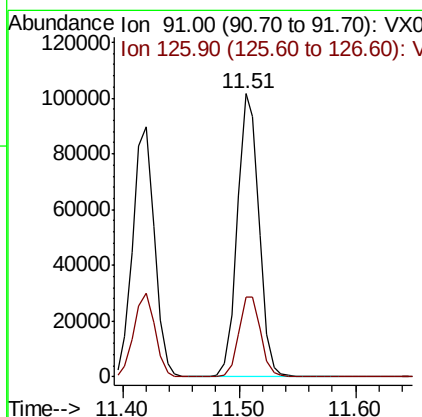
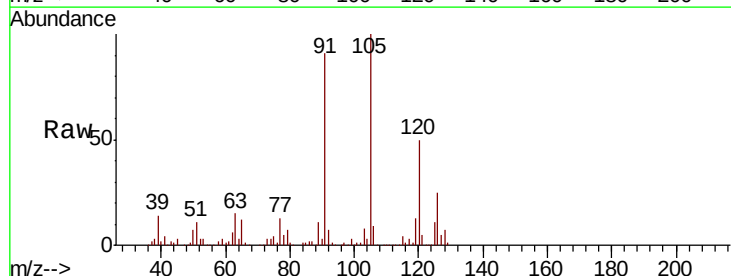
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

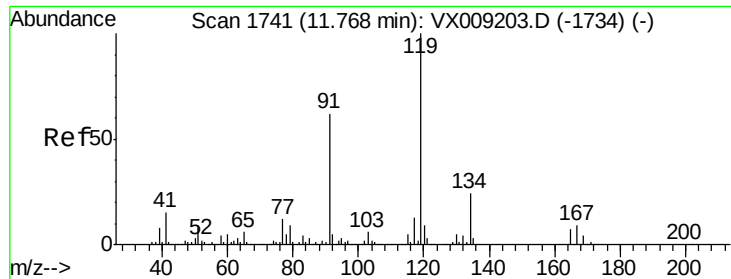
Tot Ion: 75 Resp: 18684
Ion Ratio Lower Upper
75 100
53 106.8 79.0 118.6
89 43.4 34.7 52.1



#82
4-Chlorotoluene
Concen: 20.245 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 91 Resp: 131275
Ion Ratio Lower Upper
91 100
126 28.7 14.5 43.6

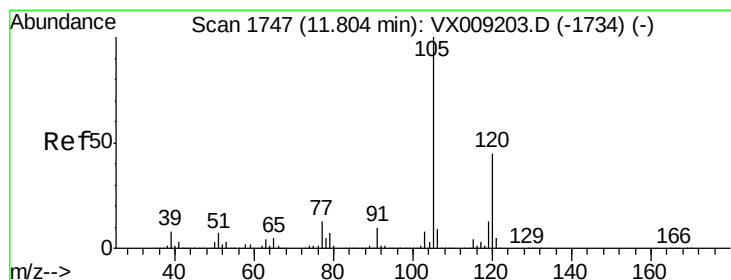
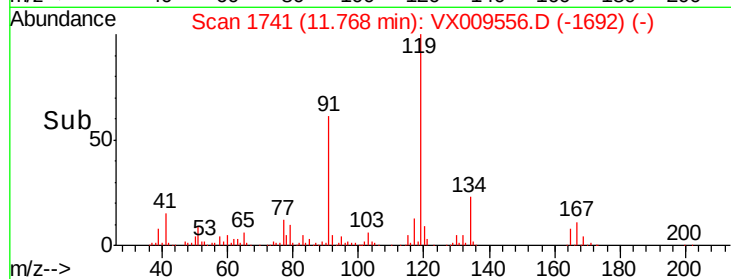
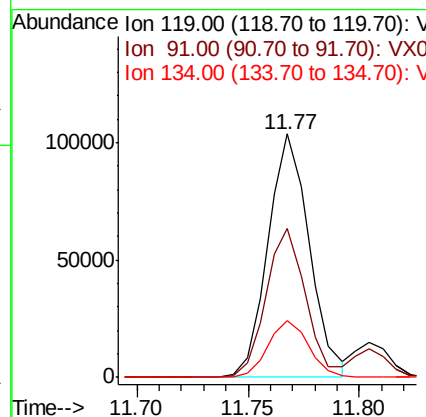
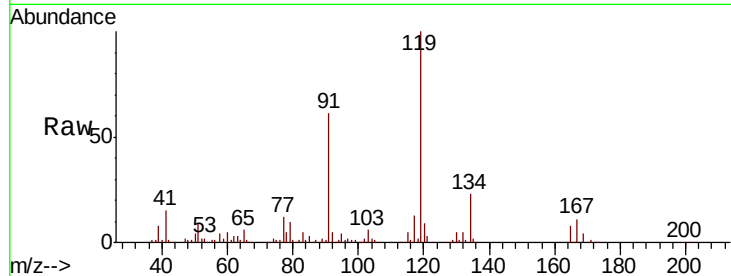




#83
 tert-Butylbenzene
 Concen: 20.049 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

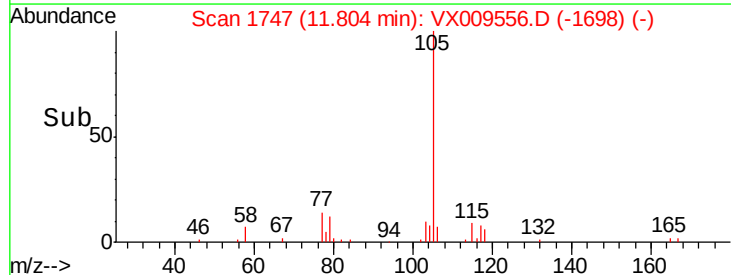
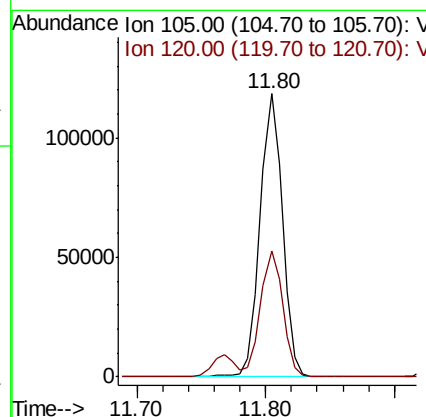
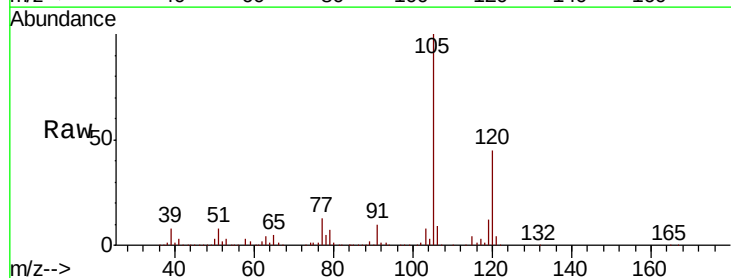
Instrument :
 MSVOA_X
 ClientSampled :
 VX0514WBS01

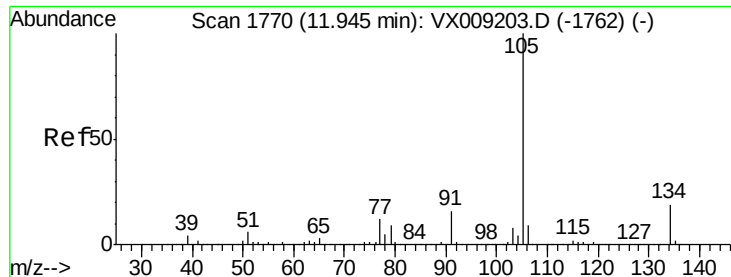
Tot Ion:119 Resp: 133779
 Ion Ratio Lower Upper
 119 100
 91 59.0 29.5 88.5
 134 22.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.535 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion:105 Resp: 141378
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.459 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

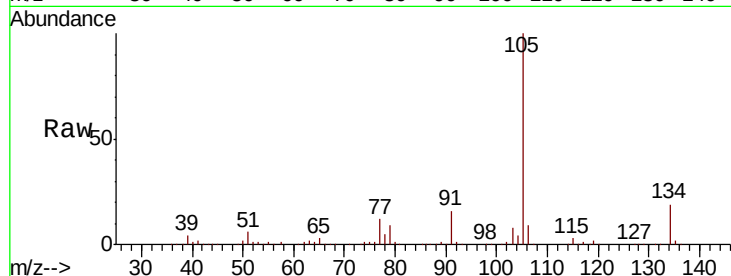
VX0514WBS01

Tot Ion:105 Resp: 161846

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

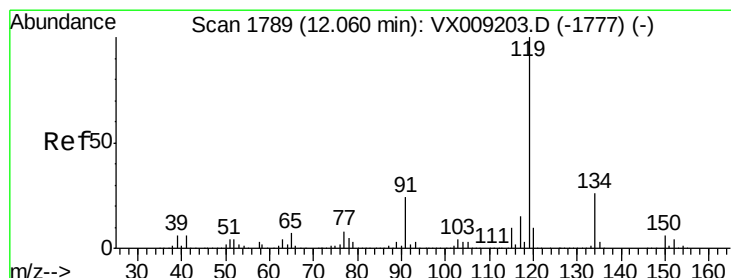
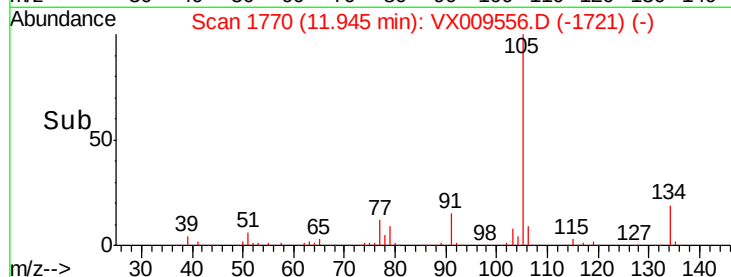
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.590 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

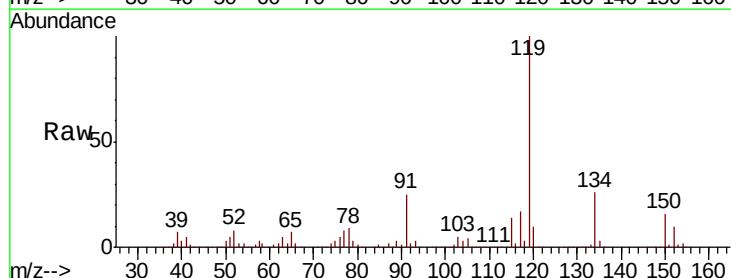
Tgt Ion:119 Resp: 146431

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.3 11.8 35.4



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

12.06

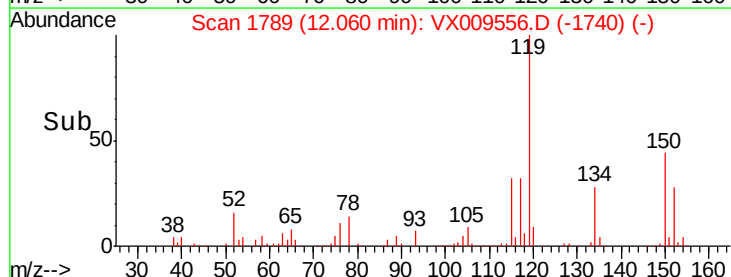
150000

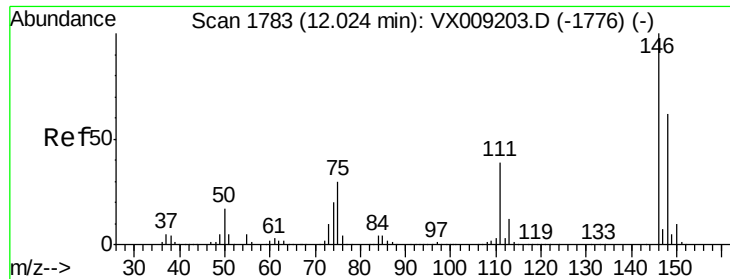
100000

50000

0

Time-->

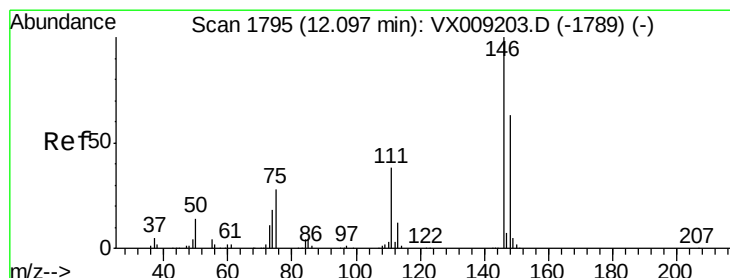
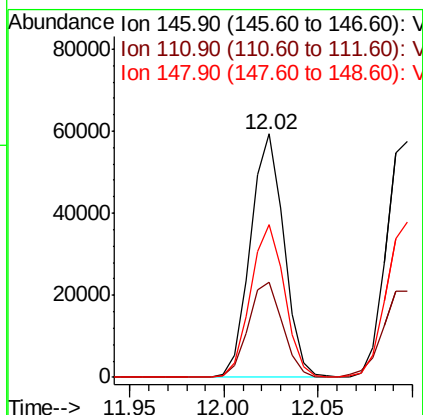
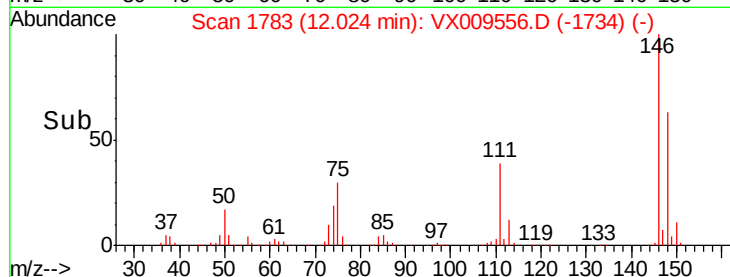
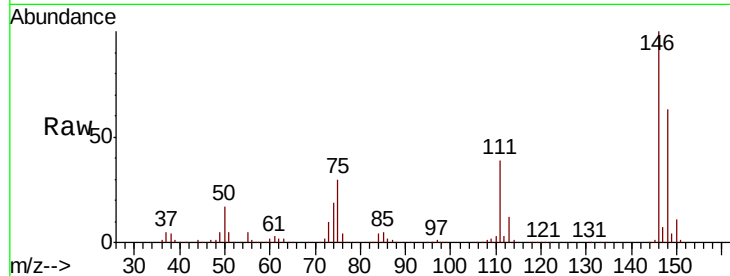




#87
 1,3-Dichlorobenzene
 Concen: 20.292 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

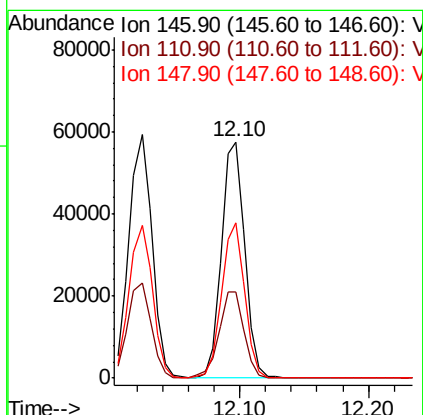
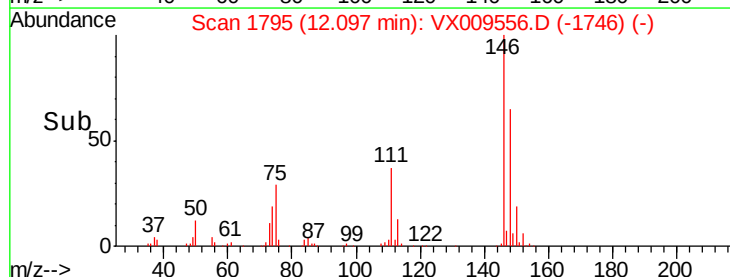
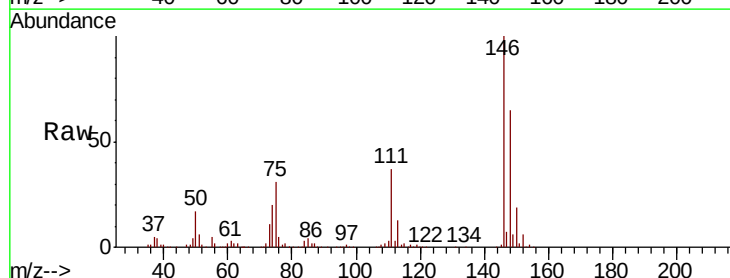
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

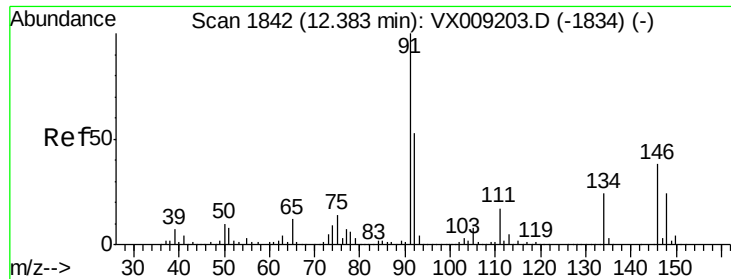
Tot Ion:146 Resp: 73143
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.240 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion:146 Resp: 73553
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 64.9 31.8 95.3

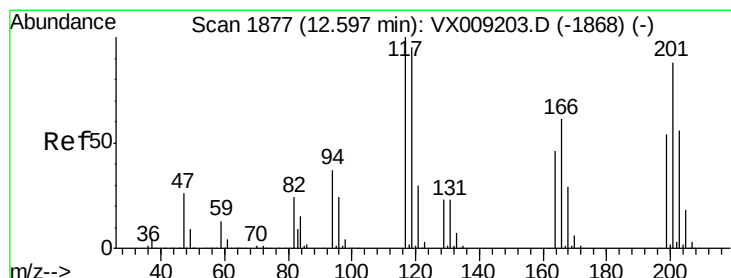
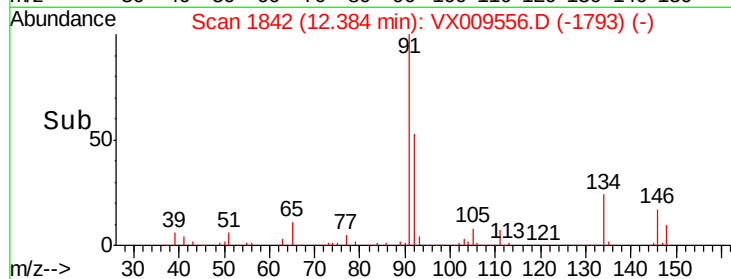
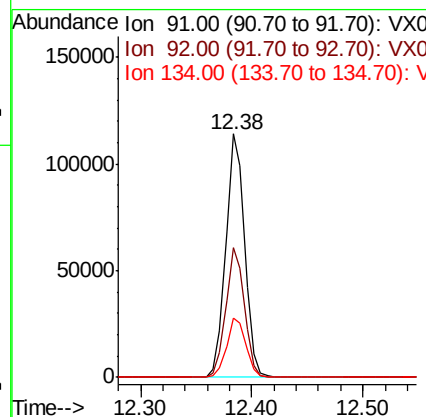
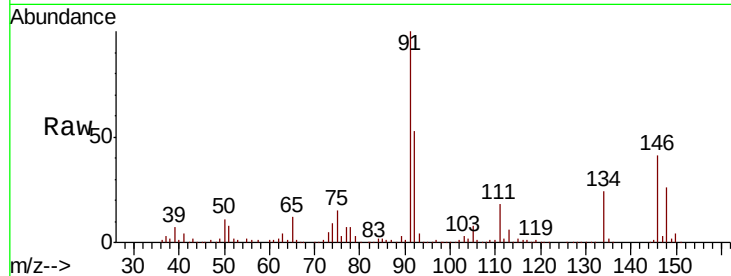




#89
n-Butylbenzene
Concen: 20.759 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

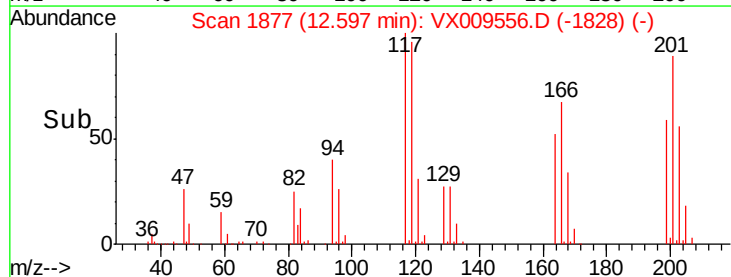
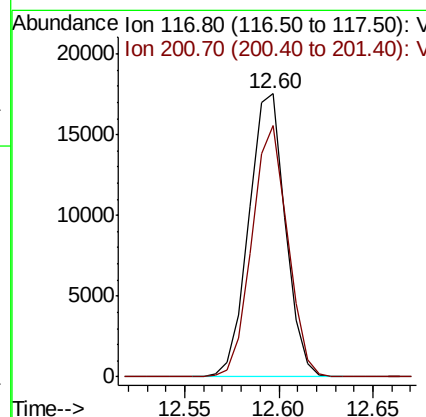
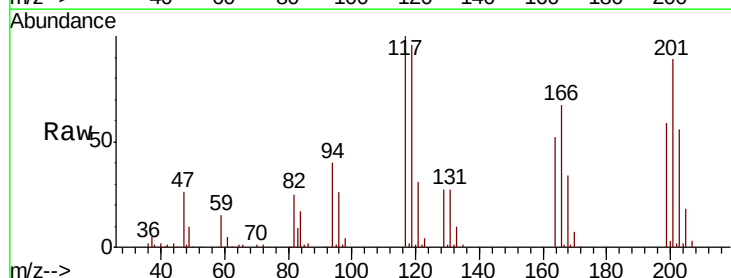
Instrument :
MSVOA_X
ClientSampled :
VX0514WBS01

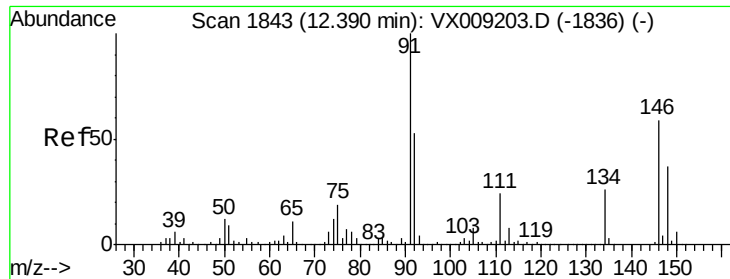
Tot Ion: 91 Resp: 133439
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.6 12.4 37.2



#90
Hexachloroethane
Concen: 19.412 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009556.D
Acq: 14 May 2019 12:17

Tgt Ion: 117 Resp: 23520
Ion Ratio Lower Upper
117 100
201 87.1 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 19.850 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

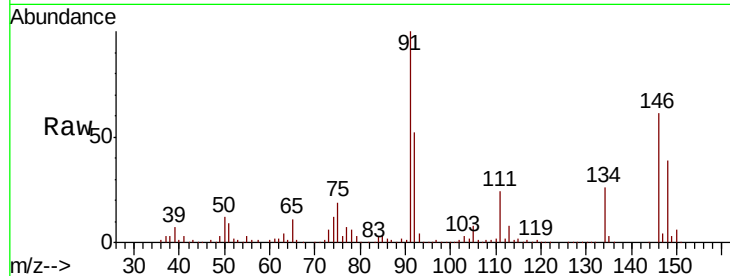
Tot Ion:146 Resp: 72874

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.4

148 65.1 31.9 95.9

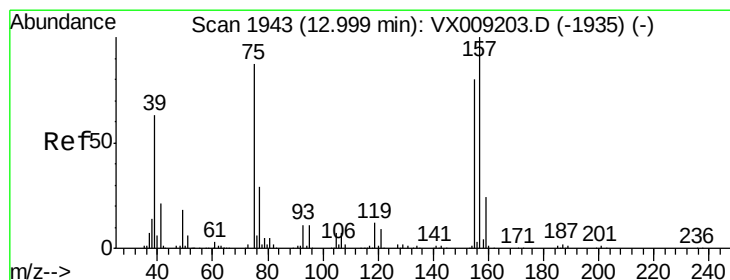
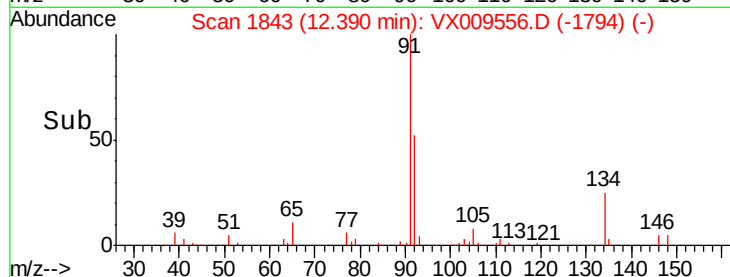
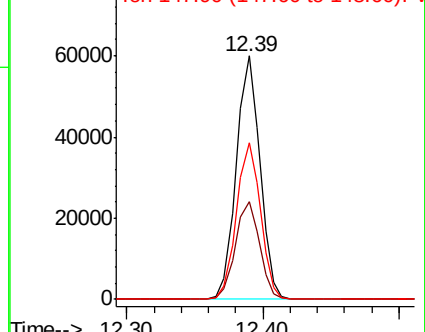


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.970 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

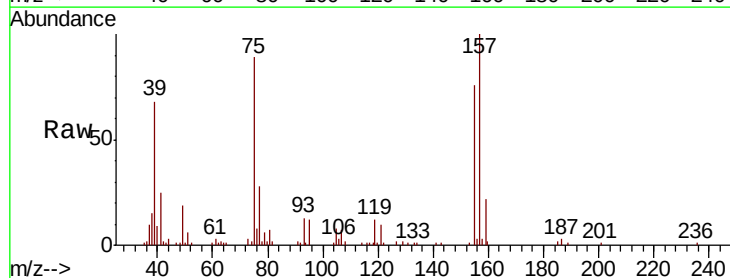
Tgt Ion: 75 Resp: 12242

Ion Ratio Lower Upper

75 100

155 87.1 42.0 126.0

157 108.0 53.2 159.6

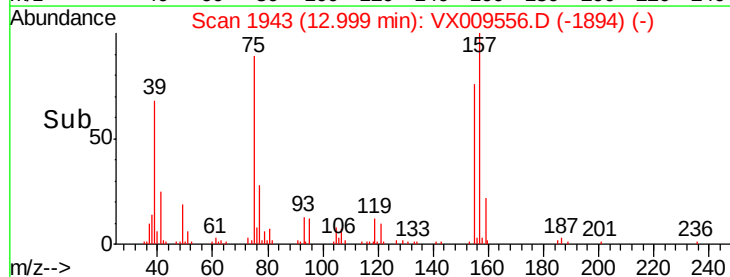
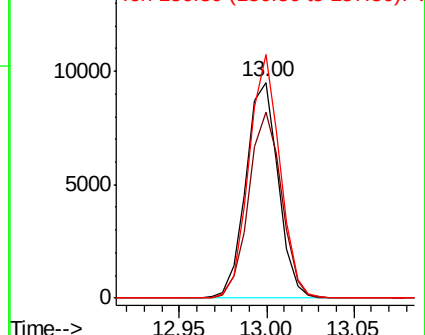


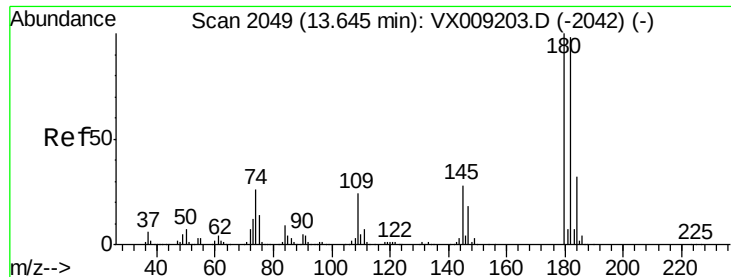
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

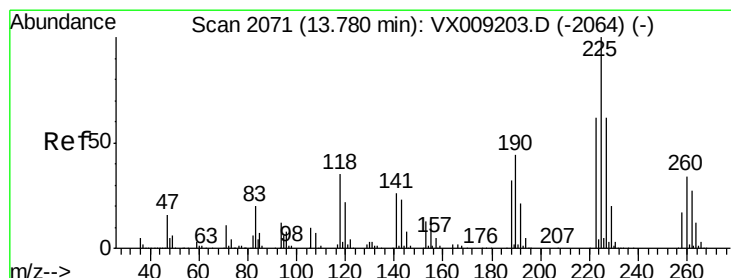
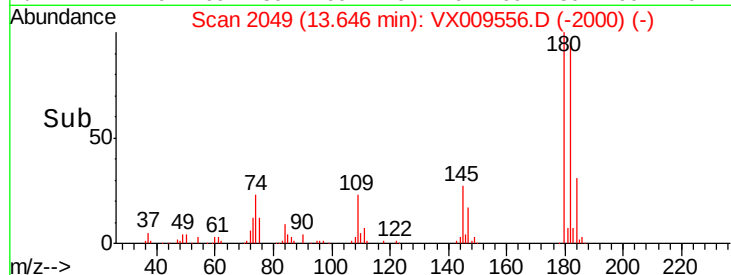
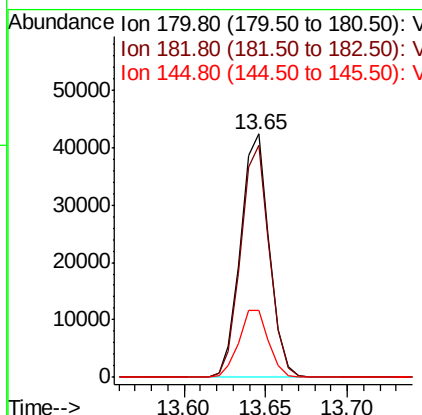
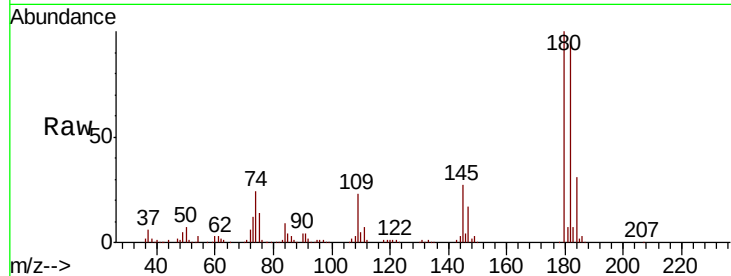




#93
 1,2,4-Trichlorobenzene
 Concen: 20.689 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

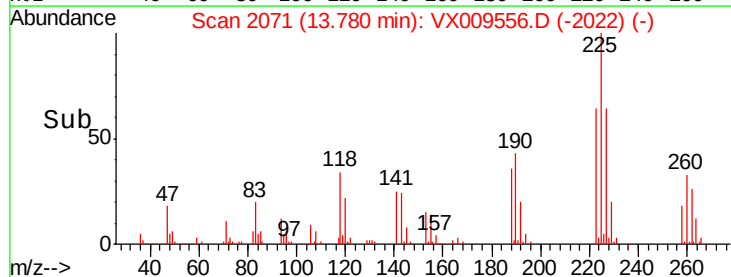
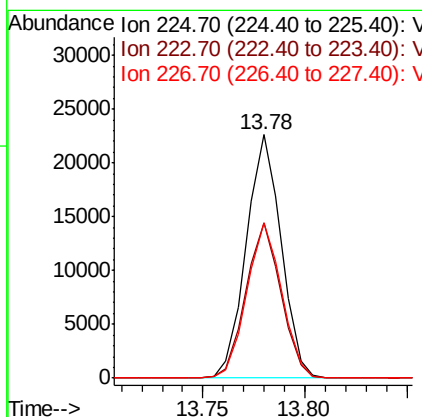
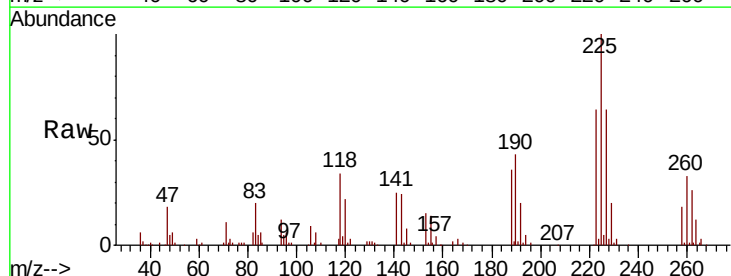
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

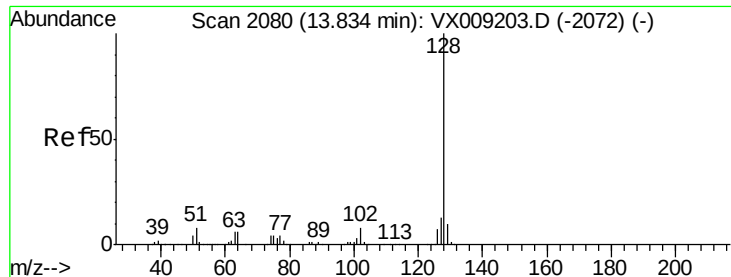
Tot Ion:180 Resp: 51941
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.4 145.2
 145 28.8 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 21.004 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009556.D
 Acq: 14 May 2019 12:17

Tgt Ion:225 Resp: 26928
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.8
 227 63.8 31.8 95.3





#95

Naphthalene

Concen: 19.708 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

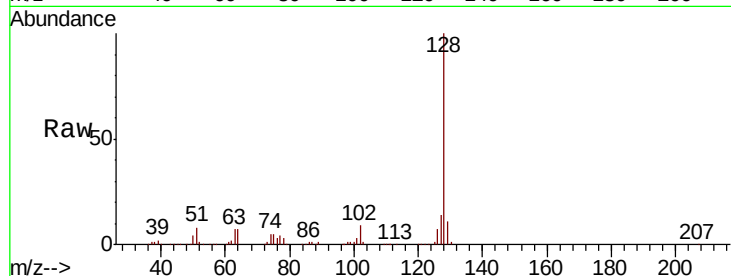
Tot Ion:128 Resp: 160974

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

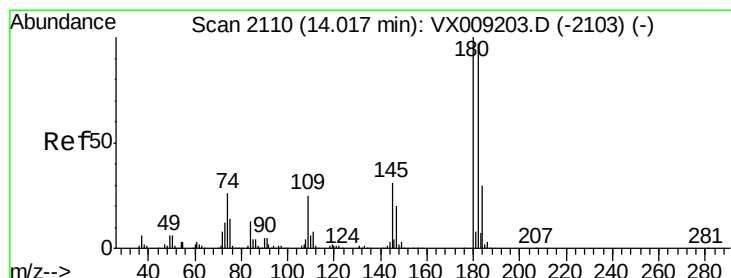
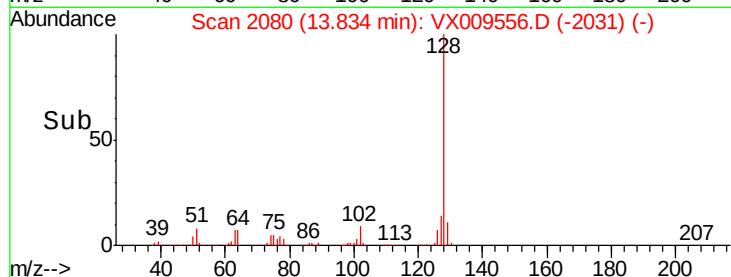
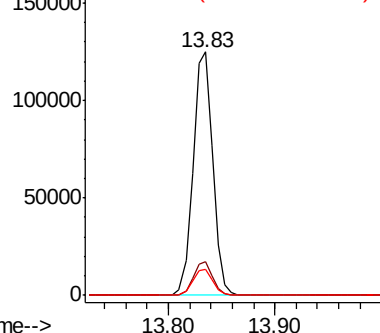
129 10.8 8.6 13.0



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: 20.831 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009556.D

Acq: 14 May 2019 12:17

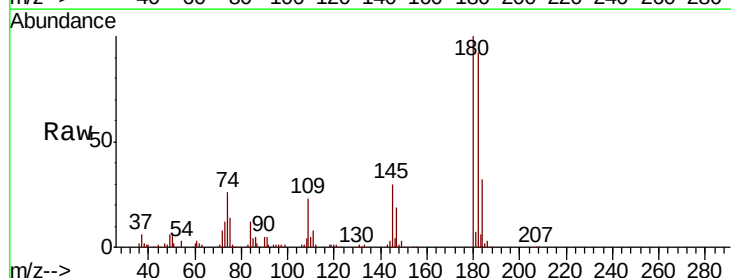
Tgt Ion:180 Resp: 53011

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.4

145 30.9 15.4 46.4



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

