

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009773.D
 Acq On : 22 May 2019 02:17
 Operator : JC/SP
 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

Quant Time: May 22 07:12:22 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	157125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110004	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	5.50	113	78970	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	326168	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	115010	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25472	17.592	ug/l	99
3) Chloromethane	1.32	50	38890	19.673	ug/l	97
4) Vinyl Chloride	1.41	62	38173	19.803	ug/l	100
5) Bromomethane	1.64	94	24708	21.355	ug/l	98
6) Chloroethane	1.72	64	24419	19.731	ug/l	100
7) Trichlorofluoromethane	1.93	101	46296	19.758	ug/l	98
8) Diethyl Ether	2.19	74	21767	19.612	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27211	18.493	ug/l	99
10) Methyl Iodide	2.51	142	23860	17.268	ug/l	97
11) Tert butyl alcohol	3.05	59	50220	101.148	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29183	19.795	ug/l	99
13) Acrolein	2.29	56	35200	78.283	ug/l	99
14) Allyl chloride	2.73	41	68037	18.937	ug/l	97
15) Acrylonitrile	3.14	53	119746	98.639	ug/l	99
16) Acetone	2.44	43	107339	93.196	ug/l	95
17) Carbon Disulfide	2.57	76	82525	19.938	ug/l	99
18) Methyl Acetate	2.78	43	51949	18.966	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	110322	19.270	ug/l	99
20) Methylene Chloride	2.85	84	35242	18.898	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30442	19.040	ug/l	99
22) Diisopropyl ether	3.85	45	136798	19.799	ug/l	95
23) Vinyl Acetate	3.81	43	602564	101.842	ug/l	99
24) 1,1-Dichloroethane	3.70	63	65901	19.334	ug/l	99
25) 2-Butanone	4.67	43	177054	98.925	ug/l	99
26) 2,2-Dichloropropane	4.59	77	35594	14.029	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	36333	19.038	ug/l	99
28) Bromochloromethane	5.01	49	31454	21.354	ug/l	98
29) Tetrahydrofuran	5.13	42	119611	103.854	ug/l	97
30) Chloroform	5.21	83	59707	19.368	ug/l	99
31) Cyclohexane	5.58	56	63473	20.016	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	49038	19.109	ug/l	98
36) 1,1-Dichloropropene	5.80	75	44894	18.653	ug/l	99
37) Ethyl Acetate	4.83	43	67507	20.131	ug/l	99
38) Carbon Tetrachloride	5.79	117	40498	18.520	ug/l	98

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 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

Quant Time: May 22 07:12:22 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)
39) Methylcyclohexane	7.46	83	54534	18.450	ug/l	97
40) Benzene	6.14	78	142496	19.130	ug/l	100
41) Methacrylonitrile	5.04	41	37551	18.812	ug/l	98
42) 1,2-Dichloroethane	6.19	62	53258	19.932	ug/l	98
43) Isopropyl Acetate	6.45	43	104631	19.506	ug/l	99
44) Trichloroethene	7.21	130	33221	18.449	ug/l	97
45) 1,2-Dichloropropane	7.51	63	40755	19.323	ug/l	99
46) Dibromomethane	7.66	93	22624	18.472	ug/l	98
47) Bromodichloromethane	7.90	83	45315	18.548	ug/l	96
48) Methyl methacrylate	7.77	41	53179	19.983	ug/l	97
49) 1,4-Dioxane	7.74	88	20792	385.264	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	348231	99.325	ug/l	99
52) Toluene	8.79	92	86133	19.023	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	50089	18.159	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	54867	17.971	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34277	18.556	ug/l	97
56) Ethyl methacrylate	9.18	69	61881	18.767	ug/l	97
57) 1,3-Dichloropropane	9.37	76	61429	18.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	161410	92.273	ug/l	100
59) 2-Hexanone	9.49	43	271499	98.600	ug/l	98
60) Dibromochloromethane	9.58	129	33048	18.318	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34829	18.679	ug/l	100
64) Tetrachloroethene	9.34	164	31096	19.553	ug/l	98
65) Chlorobenzene	10.13	112	86743	18.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	31785	18.904	ug/l	99
67) Ethyl Benzene	10.25	91	163129	19.112	ug/l	100
68) m/p-Xylenes	10.36	106	119118	38.190	ug/l	98
69) o-Xylene	10.69	106	58031	18.857	ug/l	99
70) Styrene	10.71	104	101579	18.991	ug/l	99
71) Bromoform	10.85	173	24403	17.859	ug/l #	99
73) Isopropylbenzene	11.02	105	155978	19.079	ug/l	100
74) N-amyl acetate	10.90	43	93814	19.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	57529	18.876	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64101	24.580	ug/l	83
77) Bromobenzene	11.26	156	38171	18.811	ug/l	98
78) n-propylbenzene	11.36	91	176839	18.940	ug/l	100
79) 2-Chlorotoluene	11.42	91	106526	18.493	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	131092	19.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16086	15.782	ug/l	88
82) 4-Chlorotoluene	11.51	91	122099	18.763	ug/l	99
83) tert-Butylbenzene	11.77	119	125174	18.692	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	131918	19.092	ug/l	99
85) sec-Butylbenzene	11.94	105	148089	18.653	ug/l	100
86) p-Isopropyltoluene	12.06	119	133687	18.731	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	66851	18.480	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	67786	18.587	ug/l	98
89) n-Butylbenzene	12.38	91	116027	17.986	ug/l	99
90) Hexachloroethane	12.60	117	22453	18.465	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	67736	18.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13636	19.945	ug/l	96

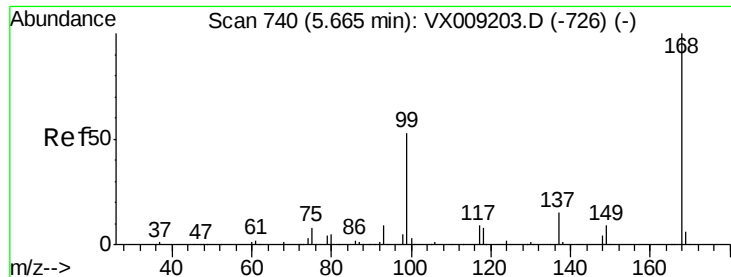
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
Data File : VX009773.D
Acq On : 22 May 2019 02:17
Operator : JC/SP
Sample : VX0521WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

Quant Time: May 22 07:12:22 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)
93) 1,2,4-Trichlorobenzene	13.65	180	47172	18.722	ug/l	99
94) Hexachlorobutadiene	13.78	225	23501	18.265	ug/l	98
95) Naphthalene	13.83	128	156329	19.071	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48653	19.050	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

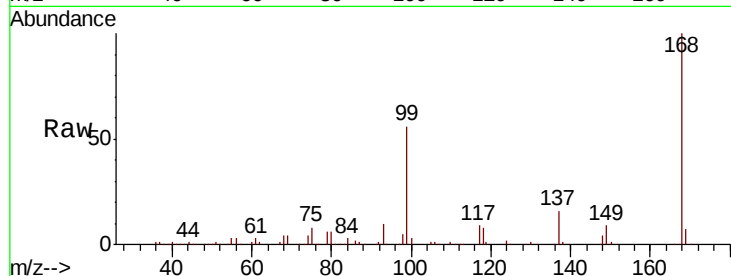
VX0521WBSD04

Tot Ion:168 Resp: 157125

Ion Ratio Lower Upper

168 100

99 55.8 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

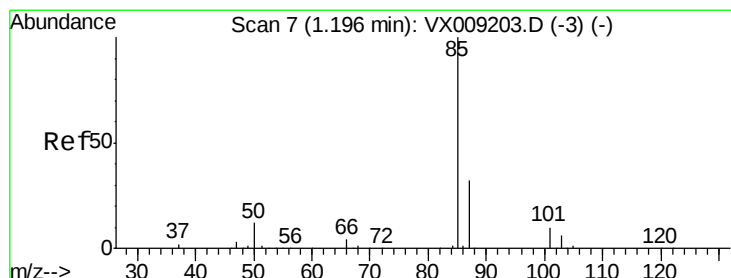
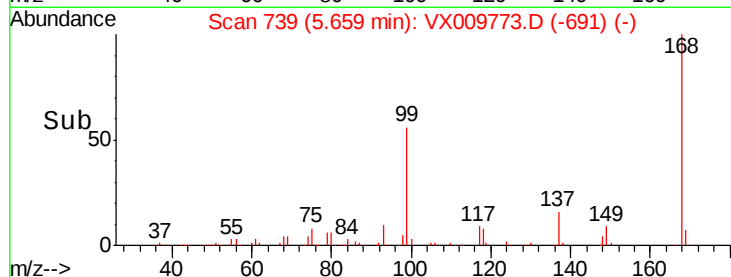
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.592 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009773.D

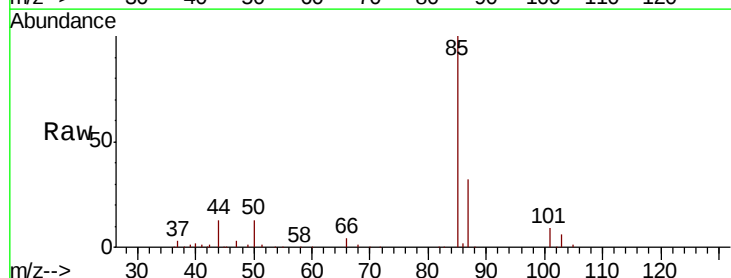
Acq: 22 May 2019 02:17

Tgt Ion: 85 Resp: 25472

Ion Ratio Lower Upper

85 100

87 31.7 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

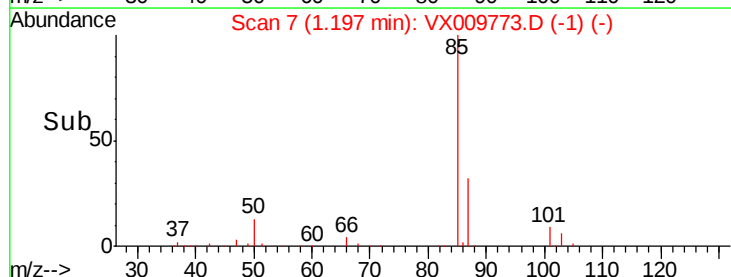
15000

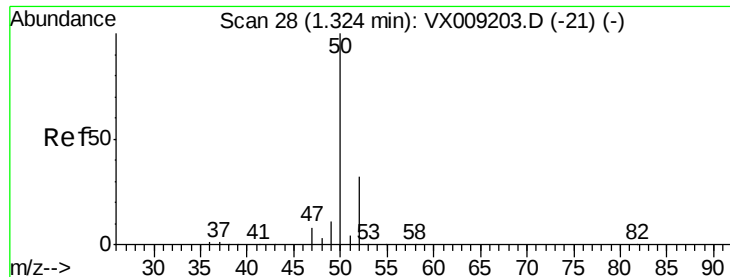
10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.673 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

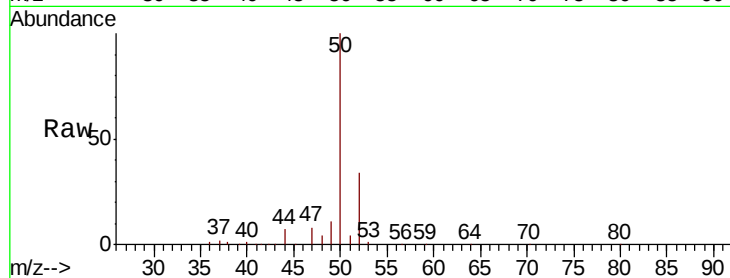
VX0521WBSD04

Tot Ion: 50 Resp: 38890

Ion Ratio Lower Upper

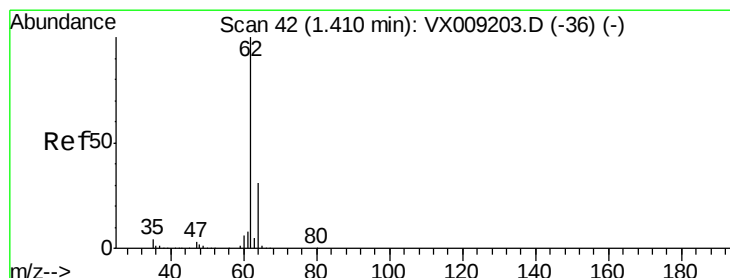
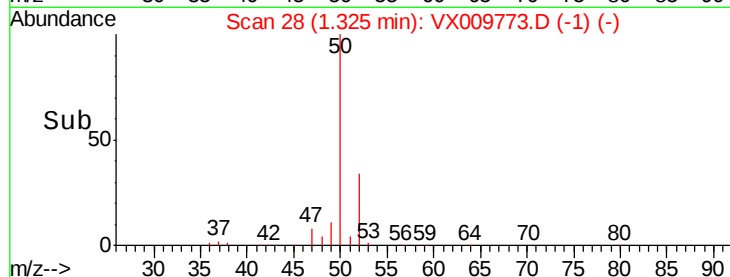
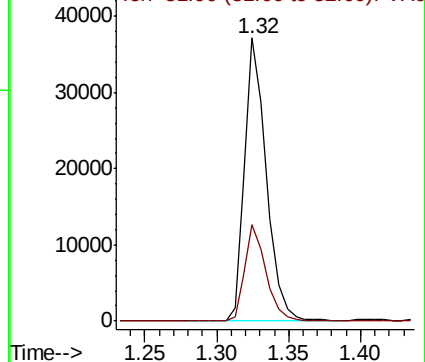
50 100

52 34.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.803 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009773.D

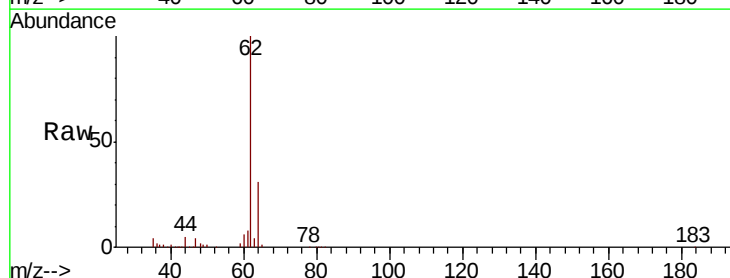
Acq: 22 May 2019 02:17

Tgt Ion: 62 Resp: 38173

Ion Ratio Lower Upper

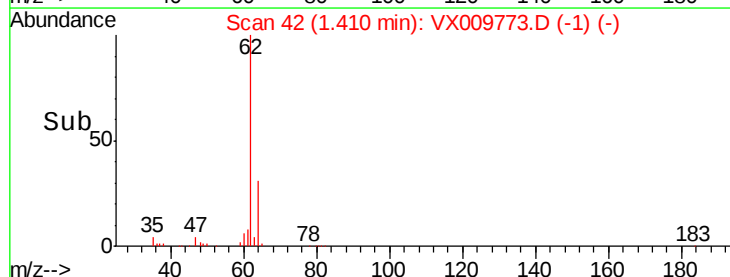
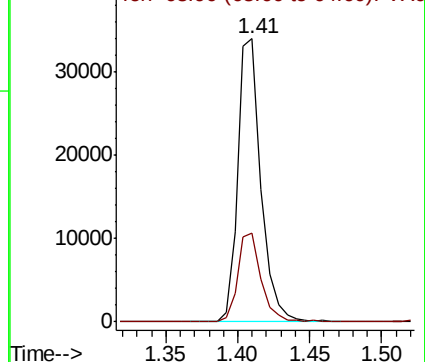
62 100

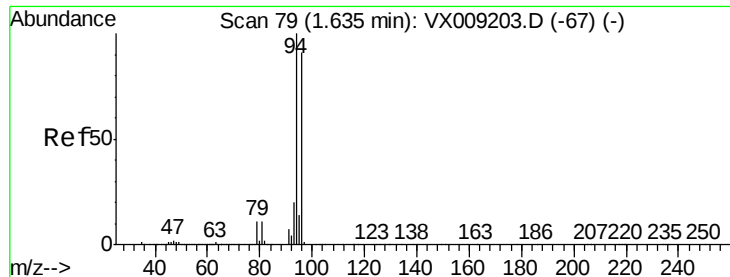
64 30.9 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.355 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

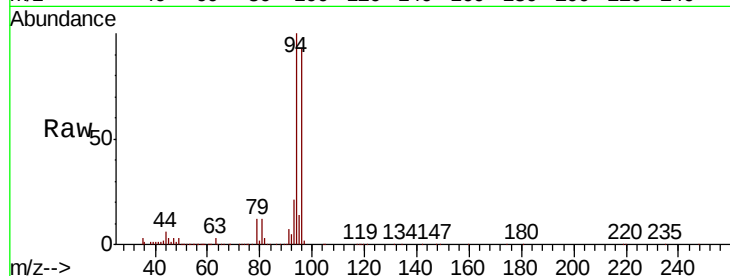
VX0521WBSD04

Tot Ion: 94 Resp: 24708

Ion Ratio Lower Upper

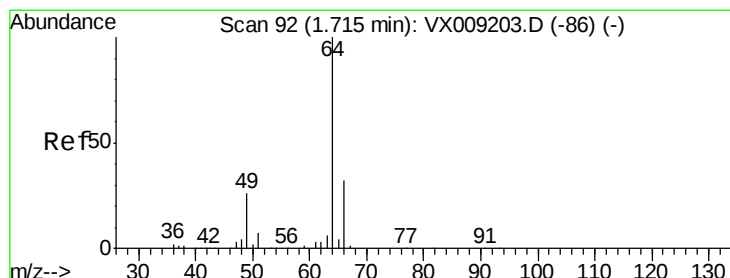
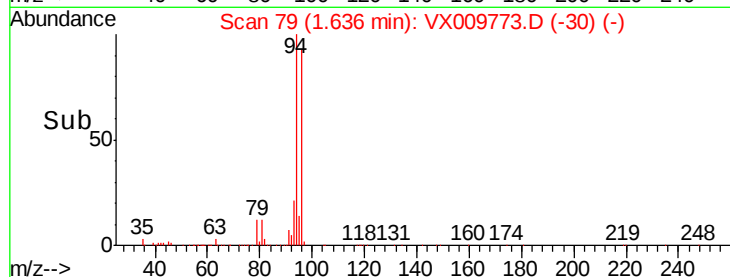
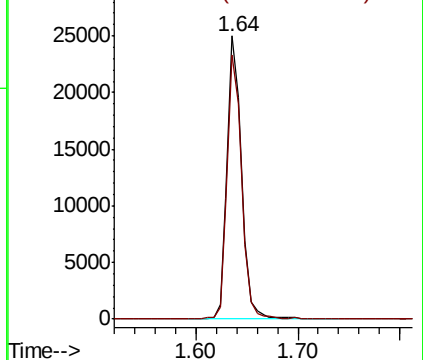
94 100

96 93.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.731 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009773.D

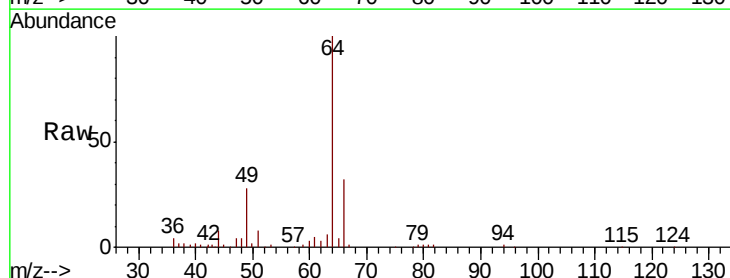
Acq: 22 May 2019 02:17

Tgt Ion: 64 Resp: 24419

Ion Ratio Lower Upper

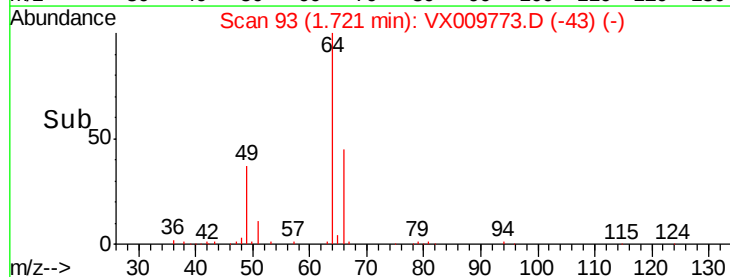
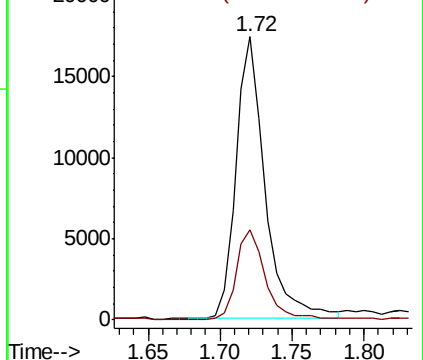
64 100

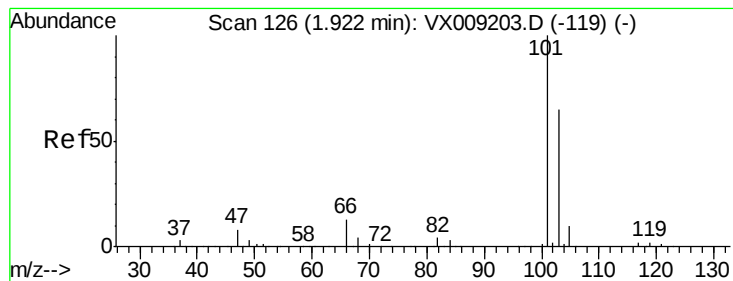
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



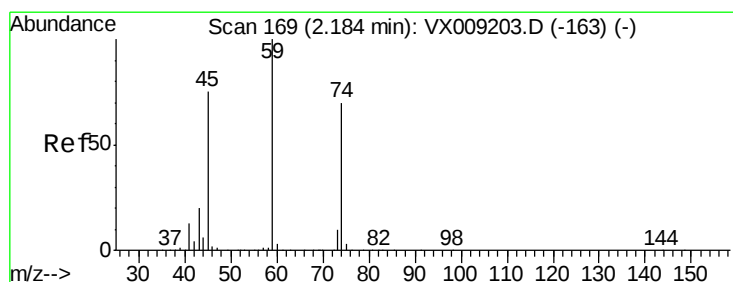
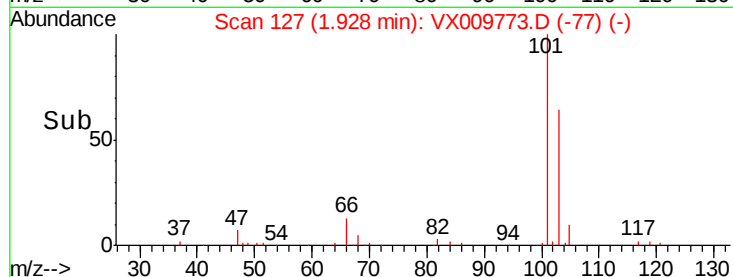
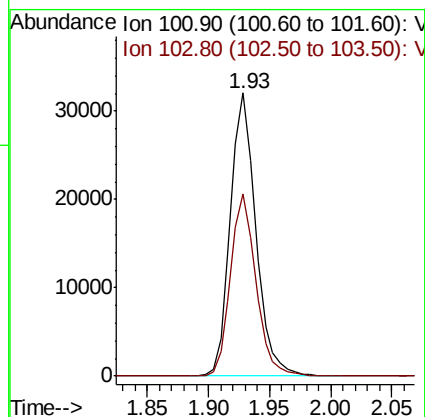
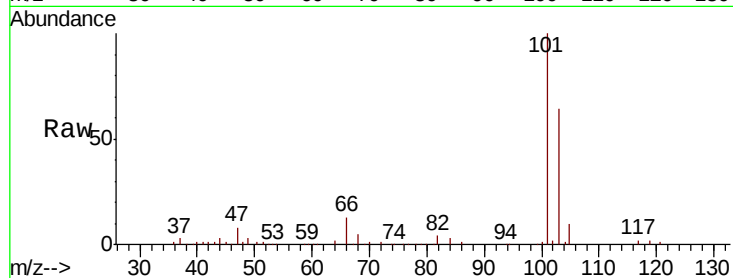


#7

Trichlorofluoromethane
Concen: 19.758 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

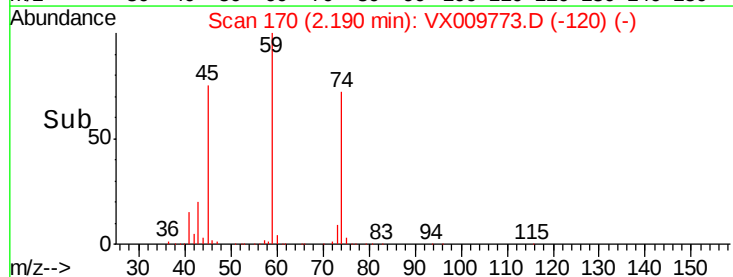
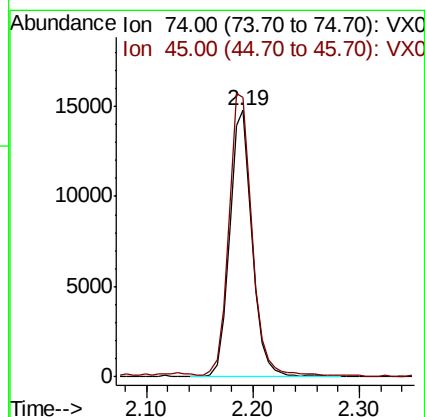
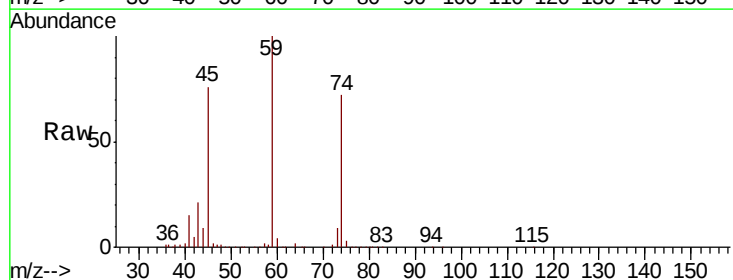
Tot Ion:101 Resp: 46296
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6



#8

Diethyl Ether
Concen: 19.612 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 74 Resp: 21767
Ion Ratio Lower Upper
74 100
45 108.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.493 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

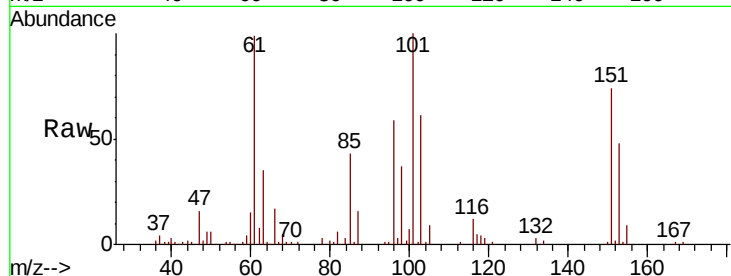
Tot Ion:101 Resp: 27211

Ion Ratio Lower Upper

101 100

85 45.6 35.7 53.5

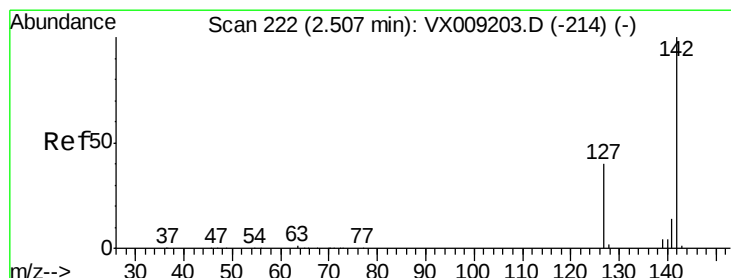
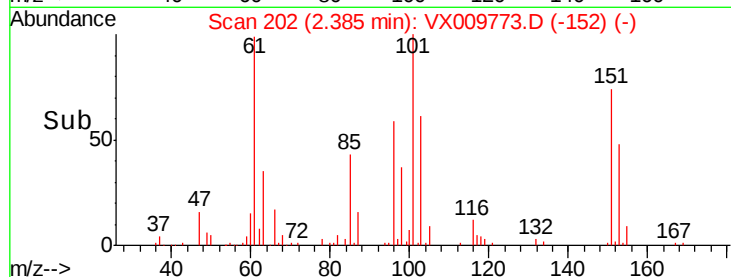
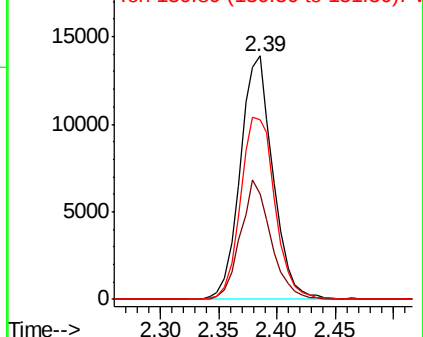
151 78.8 62.2 93.2



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: 17.268 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

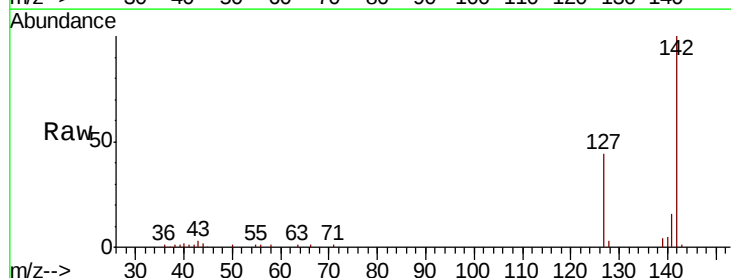
Tgt Ion:142 Resp: 23860

Ion Ratio Lower Upper

142 100

127 42.6 32.7 49.1

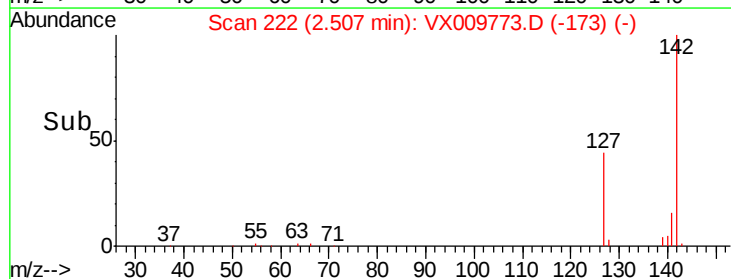
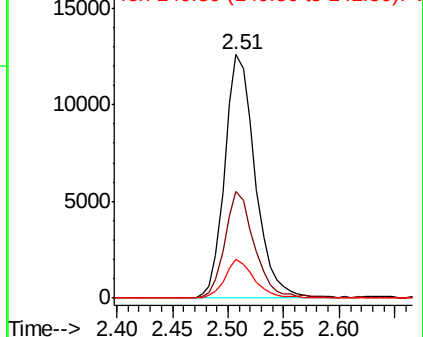
141 15.2 11.5 17.3

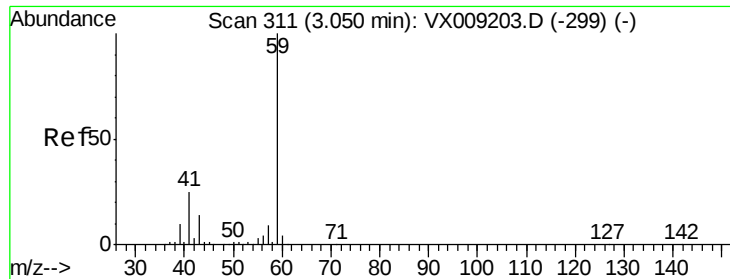


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

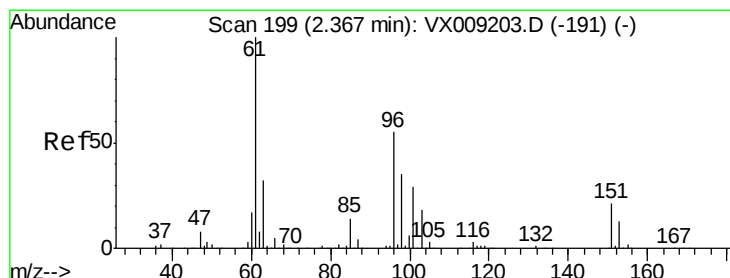
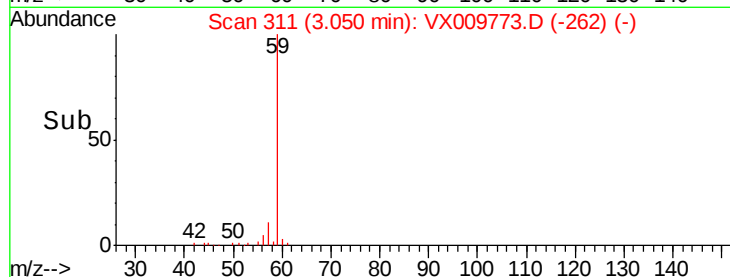
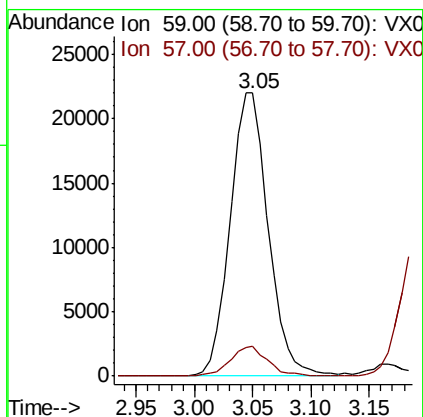
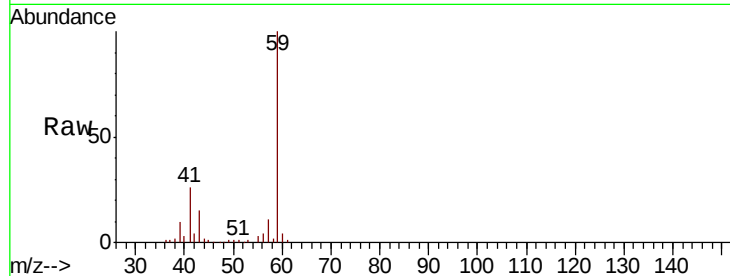




#11
Tert butyl alcohol
Concen: 101.148 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

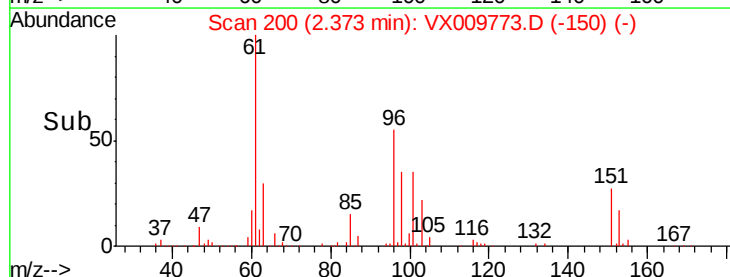
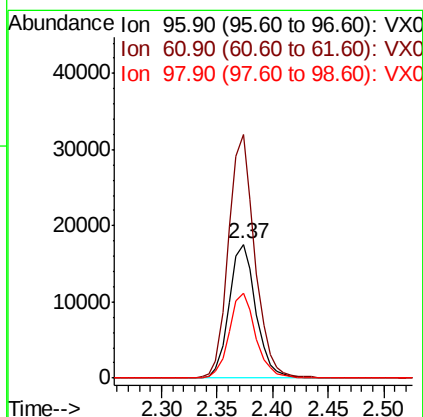
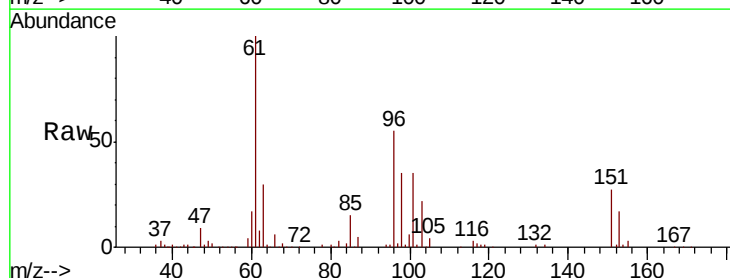
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

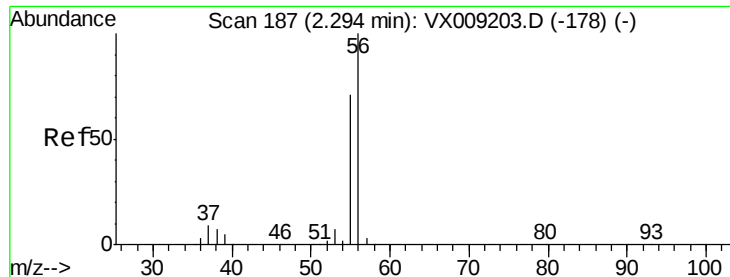
Tot Ion: 59 Resp: 50220
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.795 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 96 Resp: 29183
Ion Ratio Lower Upper
96 100
61 182.2 144.3 216.5
98 63.8 50.3 75.5





#13

Acrolein

Concen: 78.283 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

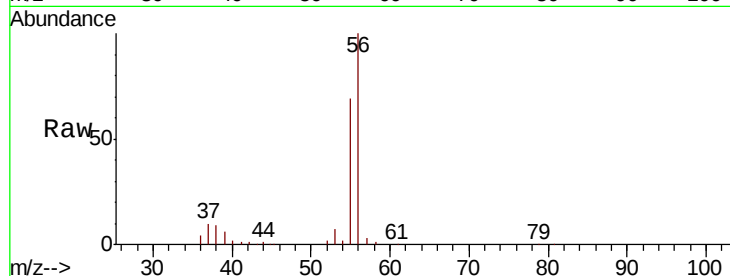
VX0521WBSD04

Tot Ion: 56 Resp: 35200

Ion Ratio Lower Upper

56 100

55 71.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

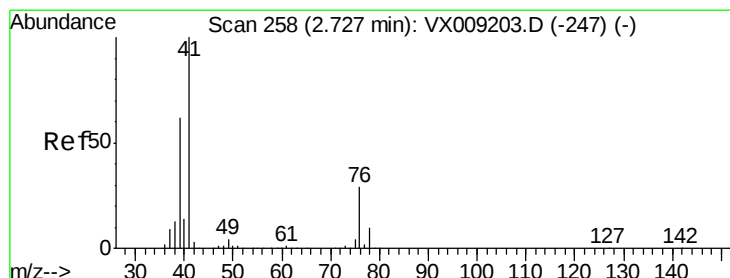
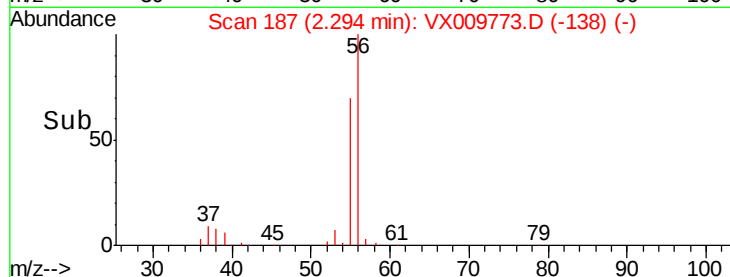
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.937 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

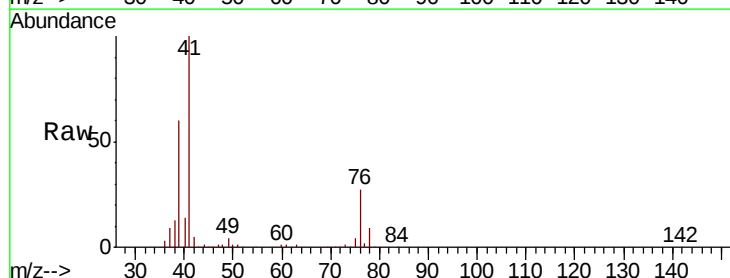
Tgt Ion: 41 Resp: 68037

Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 25.9 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

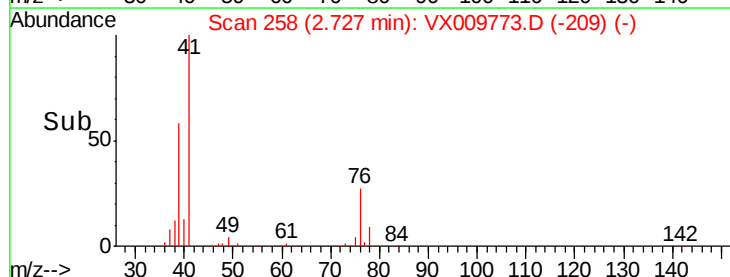
40000

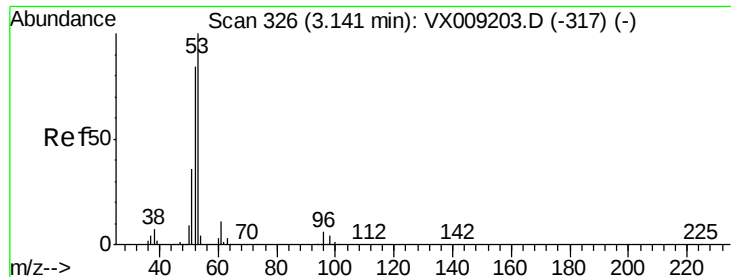
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.639 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

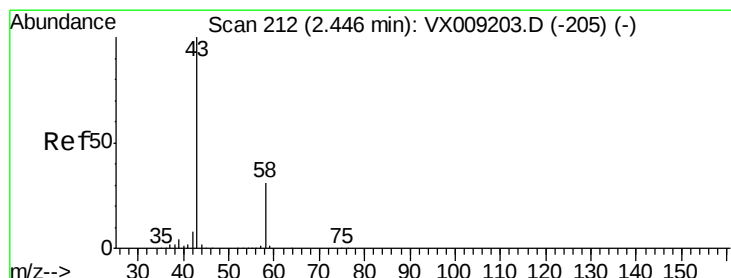
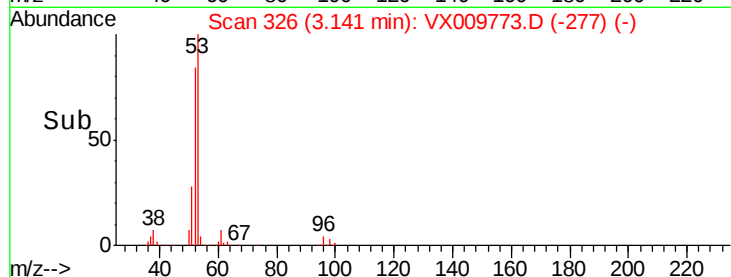
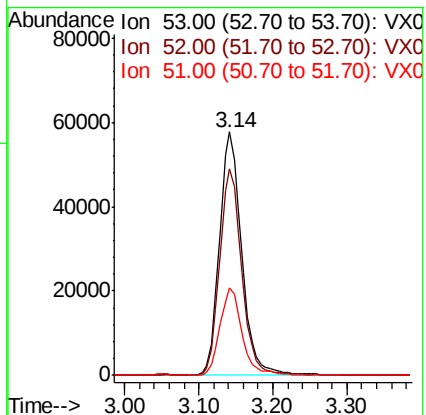
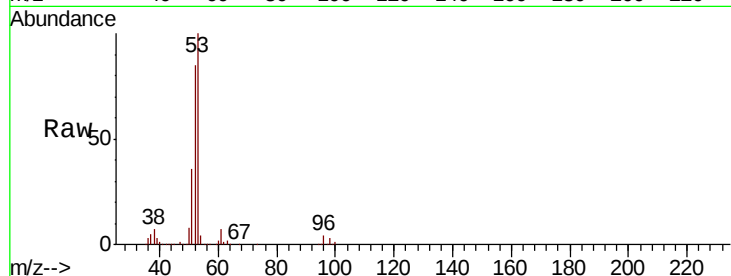
Tot Ion: 53 Resp: 119746

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

51 36.0 28.2 42.2



#16

Acetone

Concen: 93.196 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009773.D

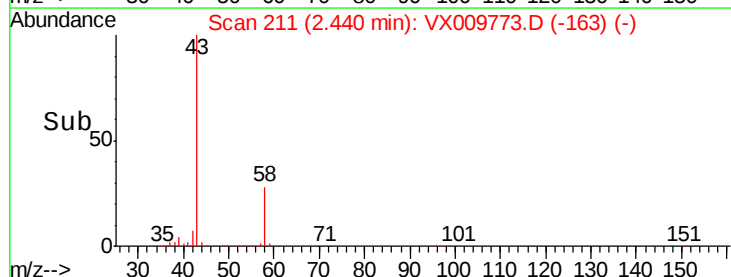
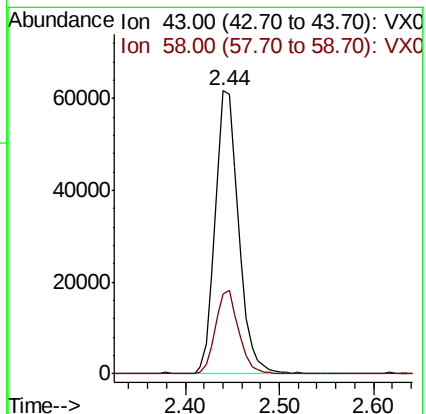
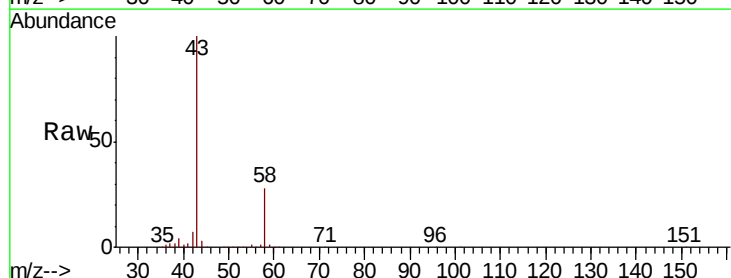
Acq: 22 May 2019 02:17

Tgt Ion: 43 Resp: 107339

Ion Ratio Lower Upper

43 100

58 28.3 24.9 37.3

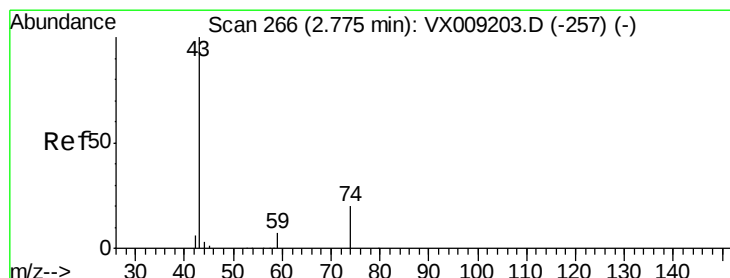
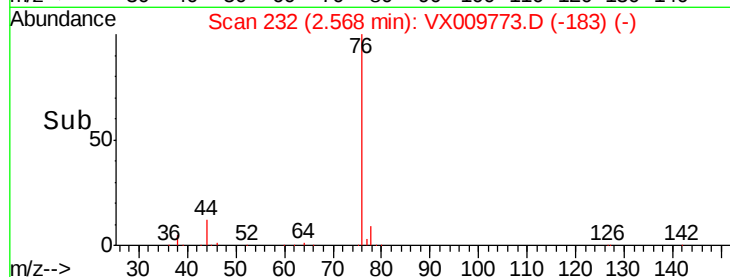
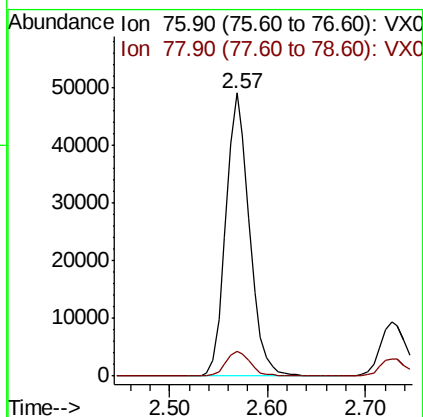
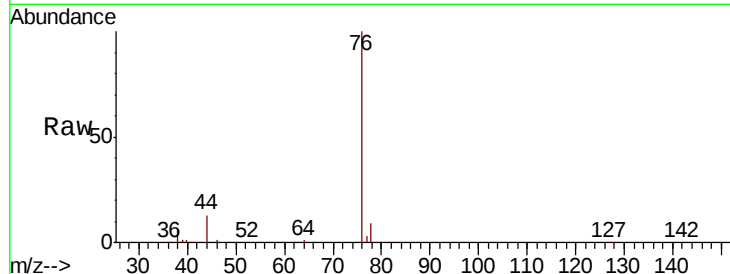




#17
Carbon Disulfide
Concen: 19.938 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

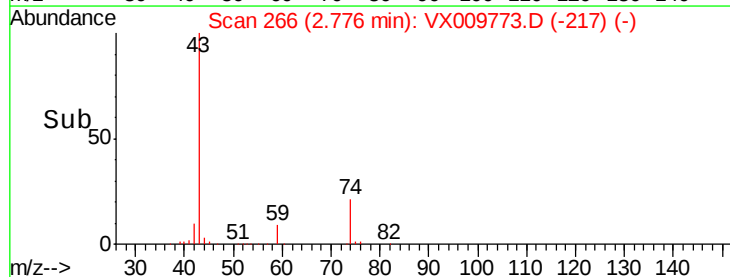
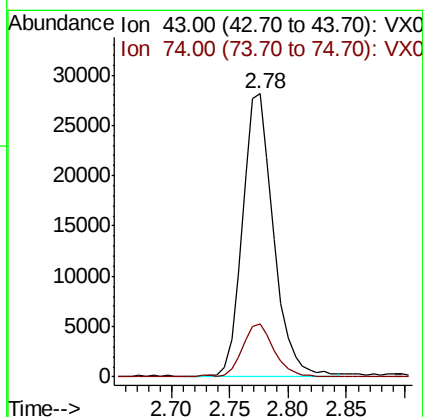
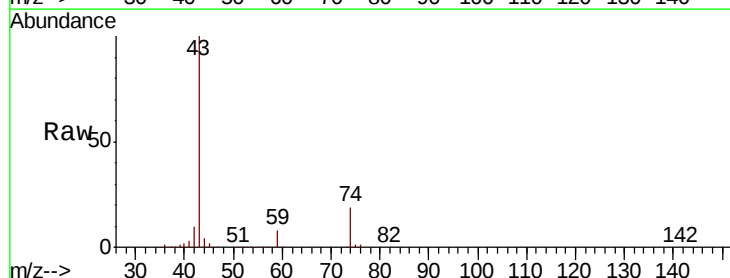
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

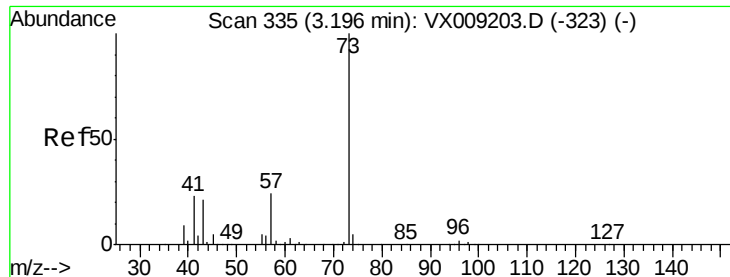
Tot Ion: 76 Resp: 82525
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.966 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 43 Resp: 51949
Ion Ratio Lower Upper
43 100
74 19.8 16.2 24.4



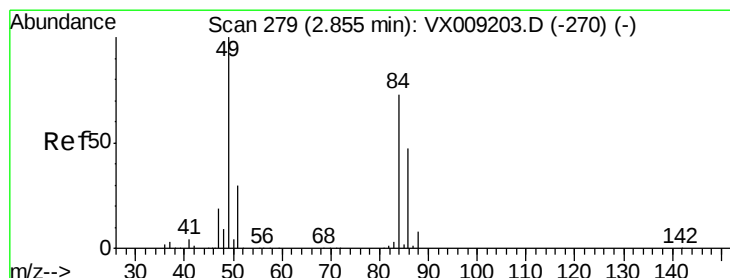
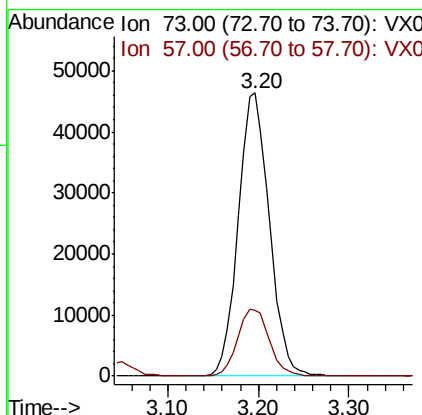
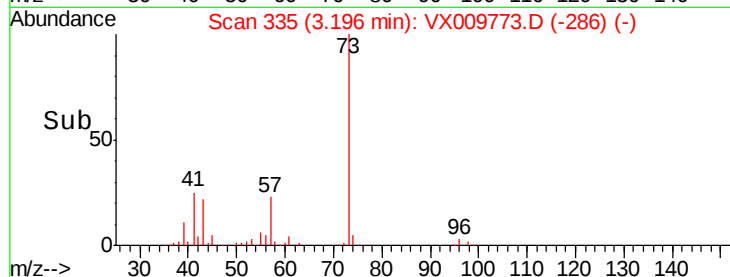
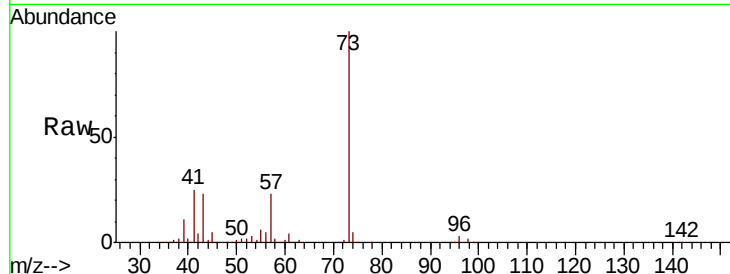


#19

Methyl tert-butyl Ether
 Concen: 19.270 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0521WBSD04

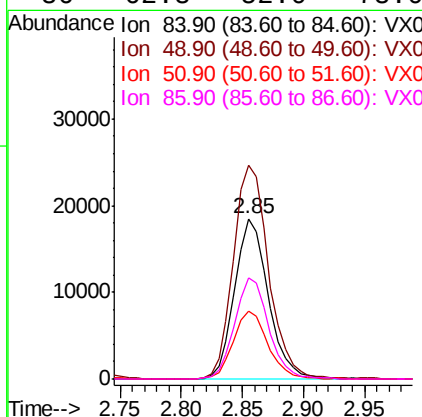
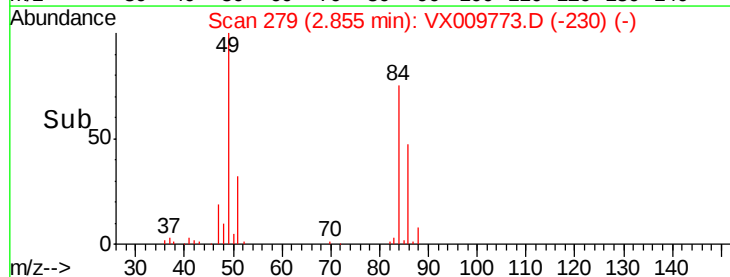
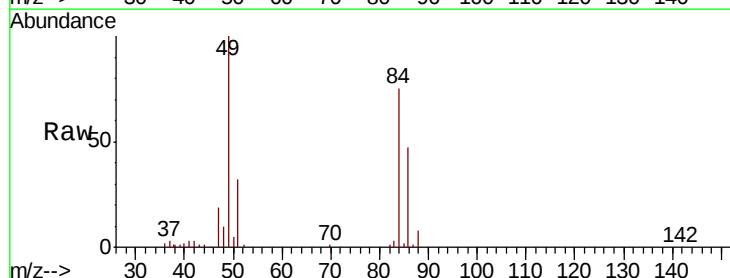
Tot Ion: 73 Resp: 110322
 Ion Ratio Lower Upper
 73 100
 57 23.5 19.3 28.9



#20

Methylene Chloride
 Concen: 18.898 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion: 84 Resp: 35242
 Ion Ratio Lower Upper
 84 100
 49 133.1 109.9 164.9
 51 41.8 32.7 49.1
 86 62.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.040 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

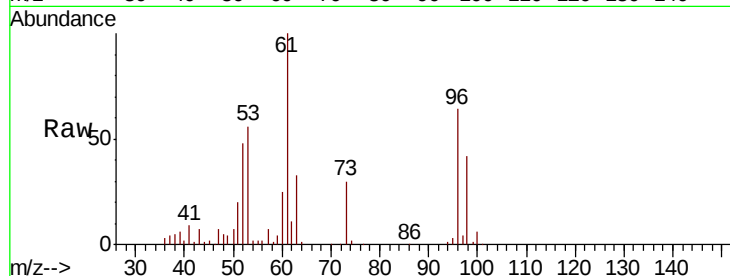
Tot Ion: 96 Resp: 30442

Ion Ratio Lower Upper

96 100

61 156.0 124.5 186.7

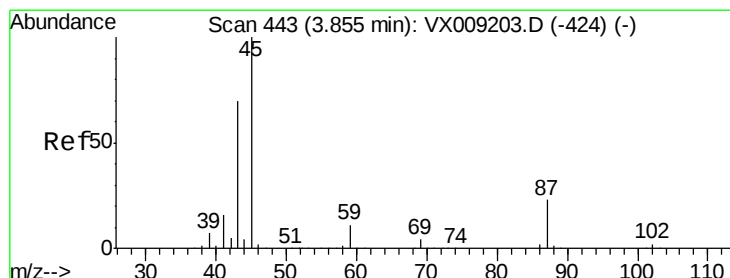
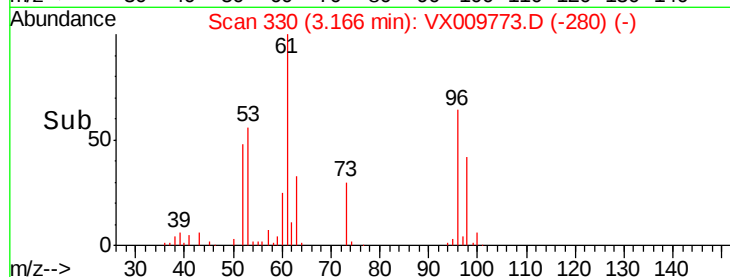
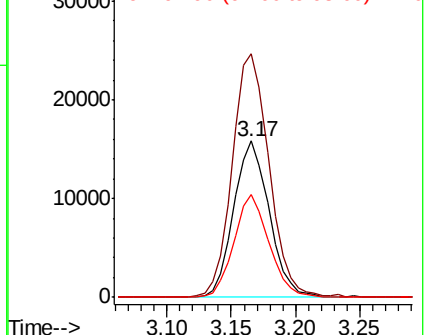
98 65.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.799 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Tgt Ion: 45 Resp: 136798

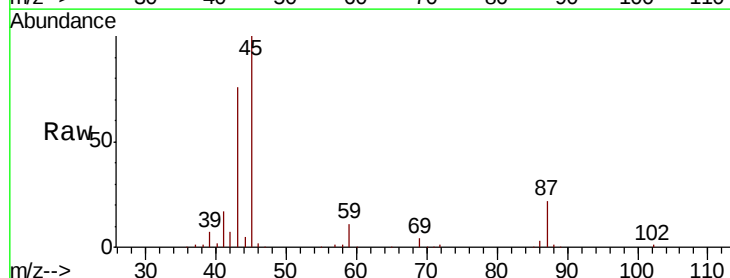
Ion Ratio Lower Upper

45 100

43 75.9 56.1 84.1

87 22.0 18.1 27.1

59 10.9 8.5 12.7

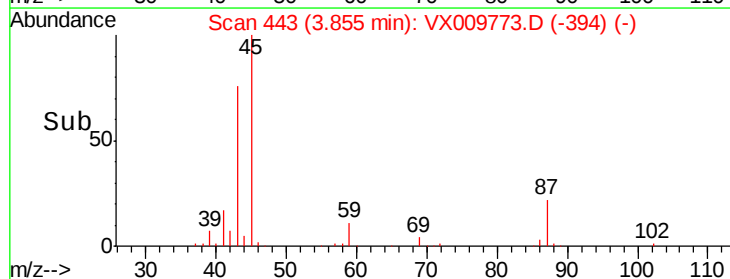
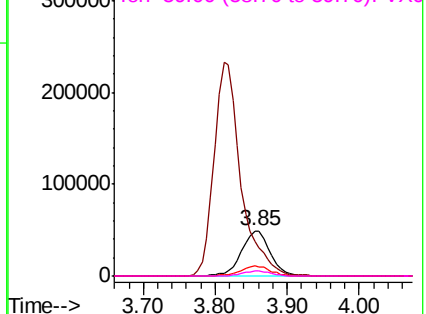


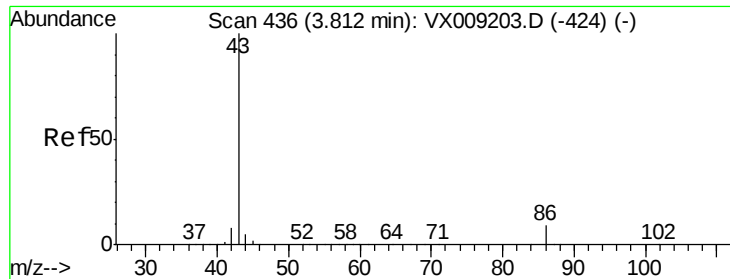
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.842 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleID :

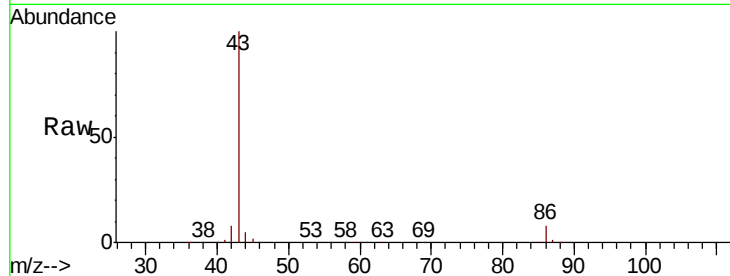
VX0521WBSD04

Tot Ion: 43 Resp: 602564

Ion Ratio Lower Upper

43 100

86 8.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

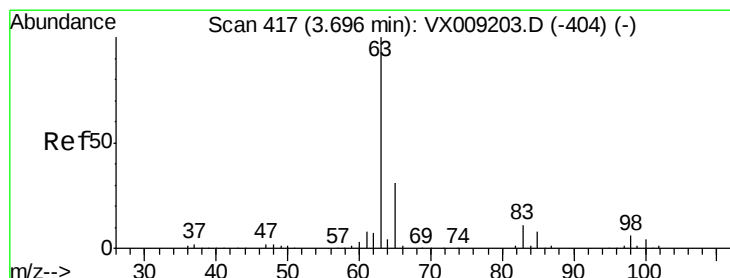
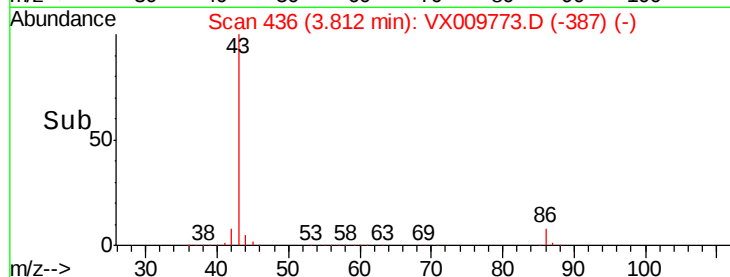
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.334 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

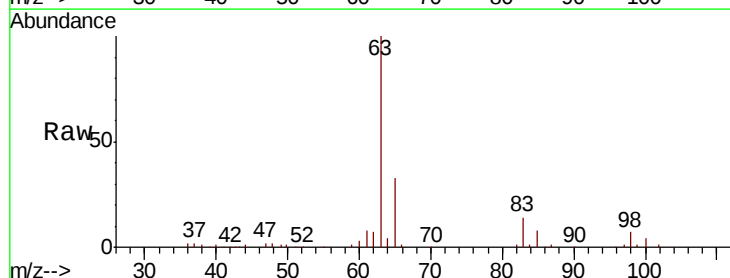
Tgt Ion: 63 Resp: 65901

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 4.0 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

30000

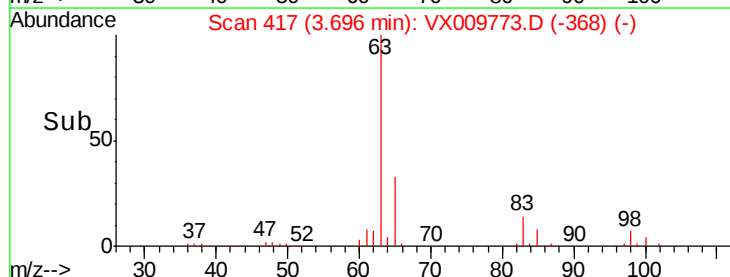
20000

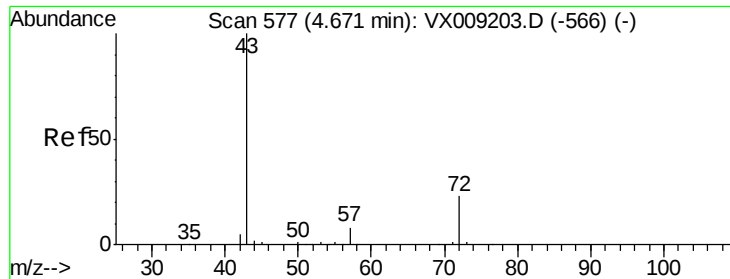
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 98.925 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

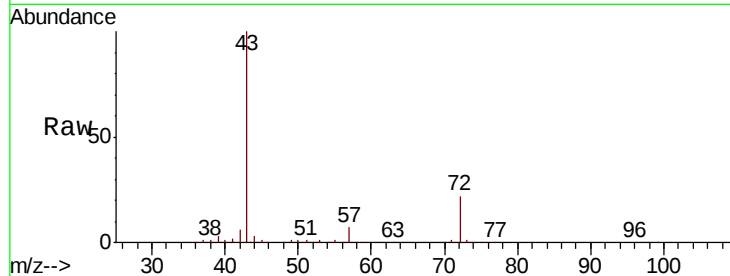
VX0521WBSD04

Tot Ion: 43 Resp: 177054

Ion Ratio Lower Upper

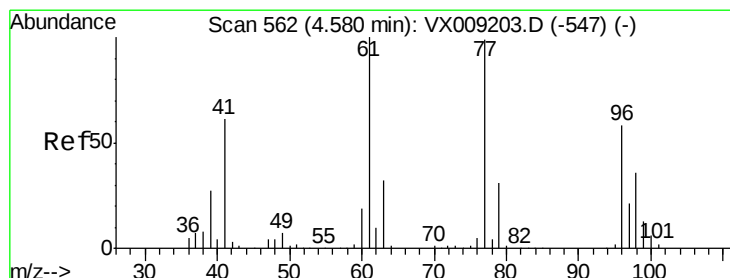
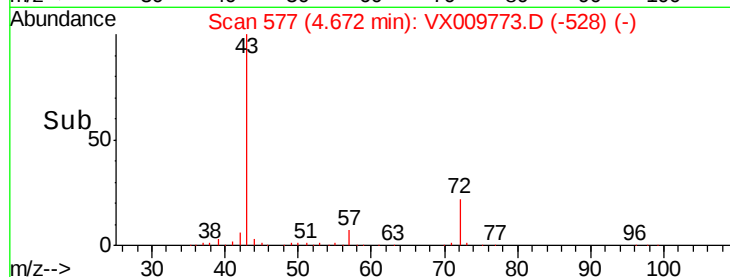
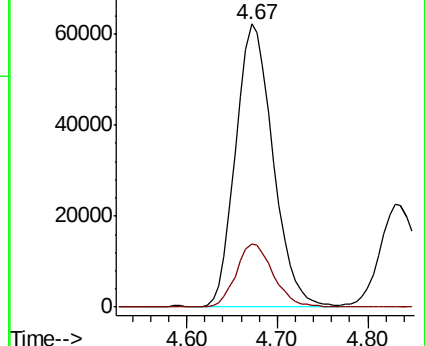
43 100

72 22.0 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: 14.029 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009773.D

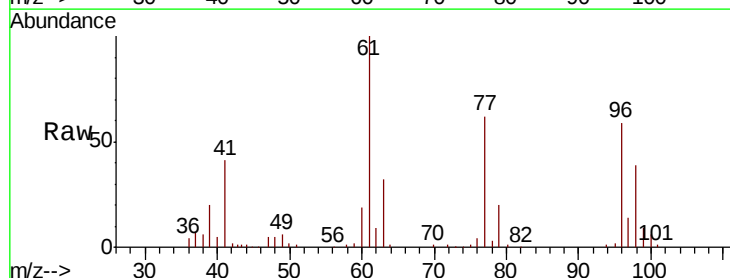
Acq: 22 May 2019 02:17

Tgt Ion: 77 Resp: 35594

Ion Ratio Lower Upper

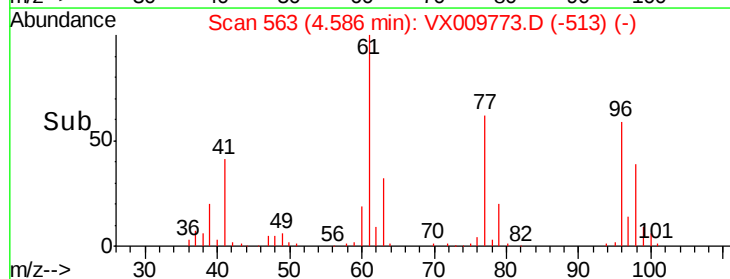
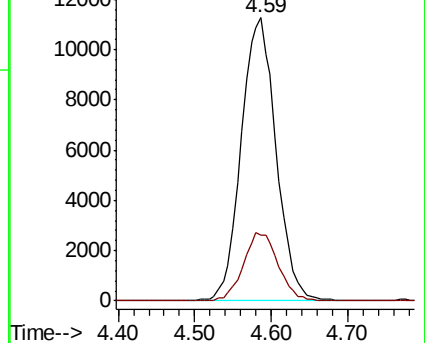
77 100

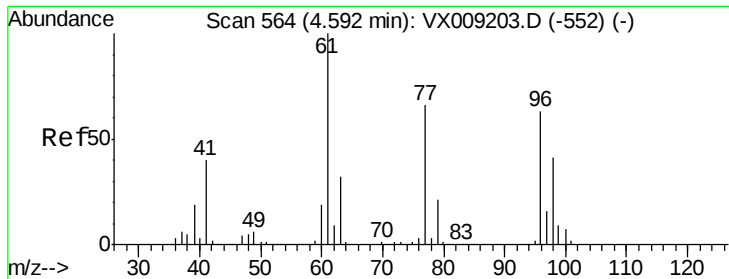
97 24.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



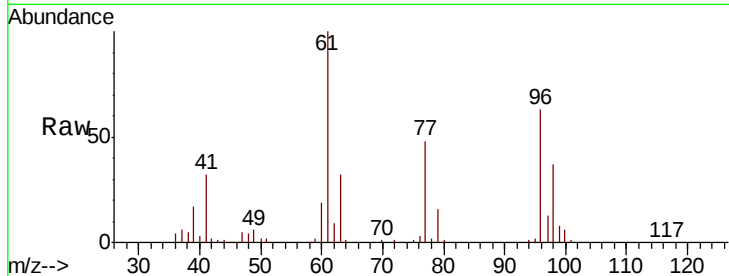


#27

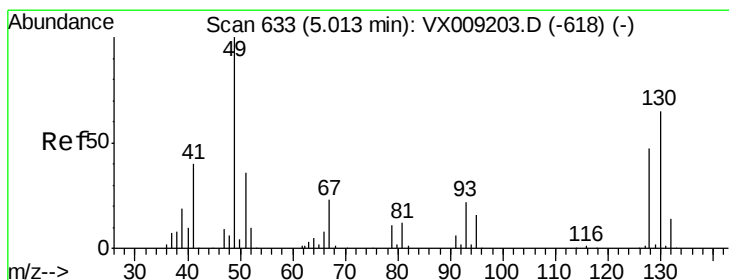
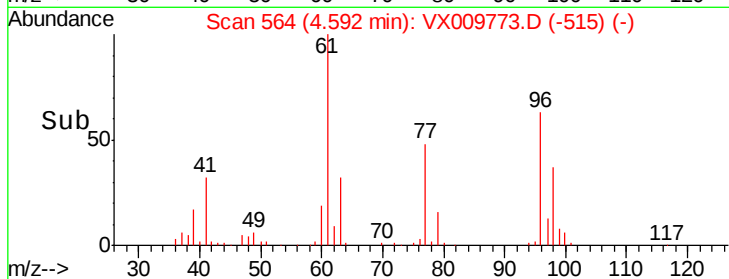
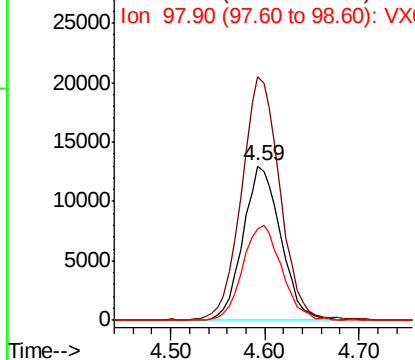
cis-1,2-Dichloroethene
 Concen: 19.038 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0521WBSD04

Tot Ion: 96 Resp: 36333
 Ion Ratio Lower Upper
 96 100
 61 161.2 0.0 324.0
 98 63.8 0.0 130.4



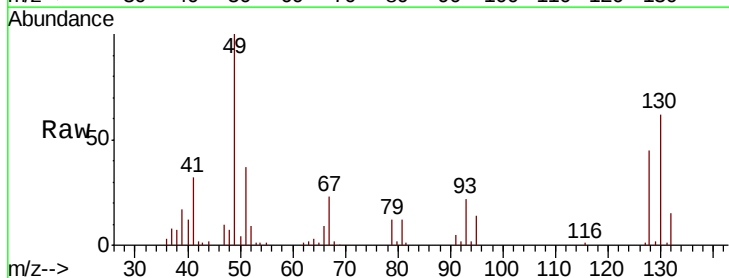
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



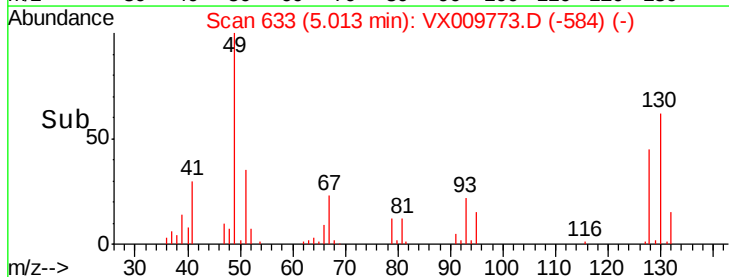
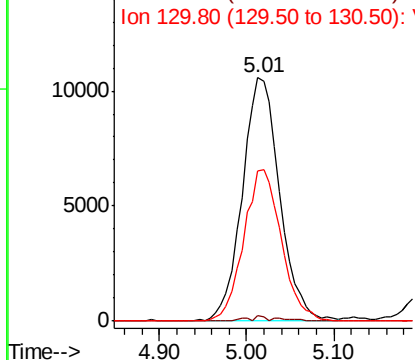
#28

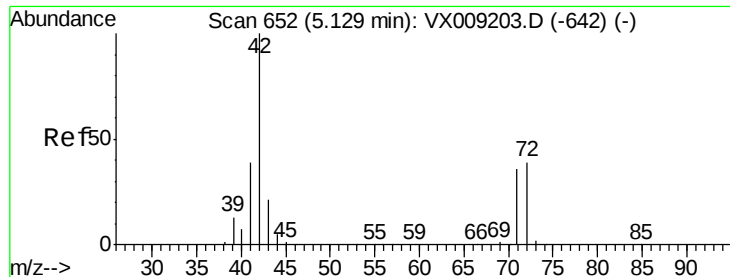
Bromochloromethane
 Concen: 21.354 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion: 49 Resp: 31454
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.8
 130 62.6 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

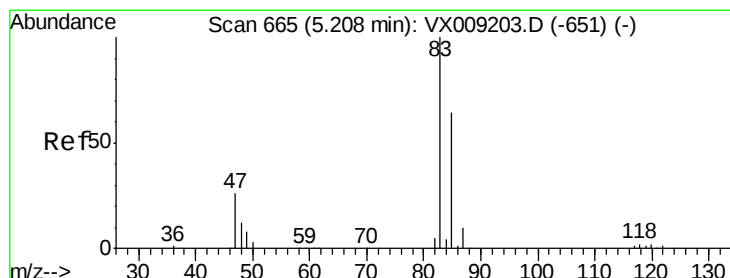
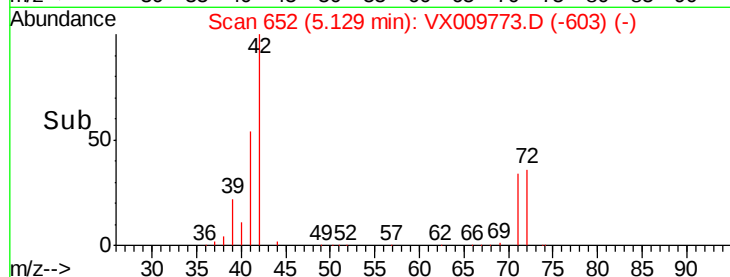
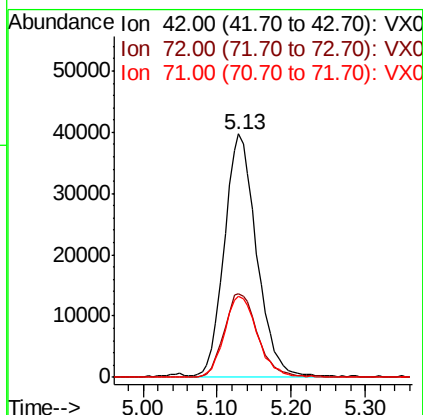
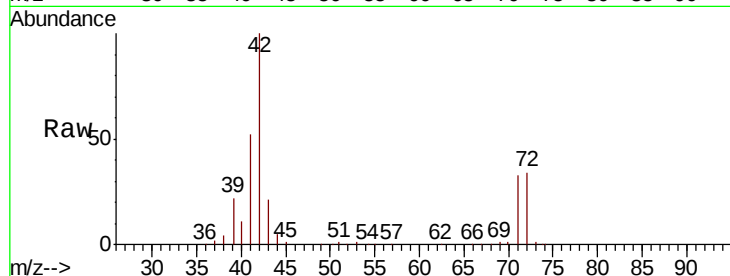




#29
Tetrahydrofuran
Concen: 103.854 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

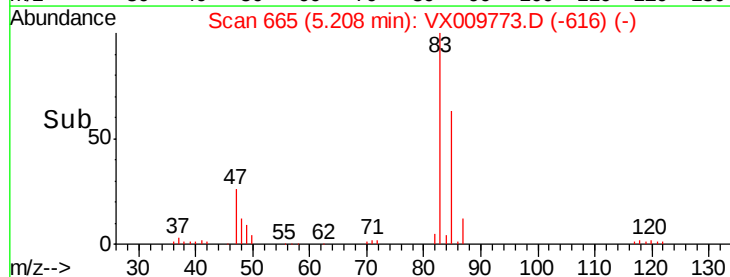
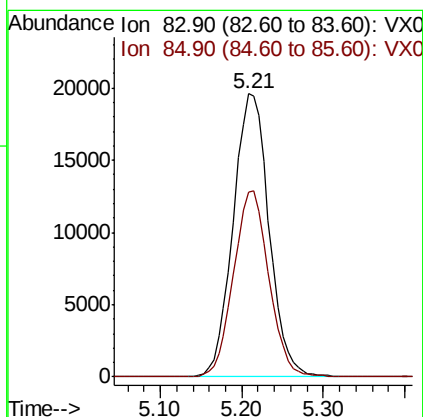
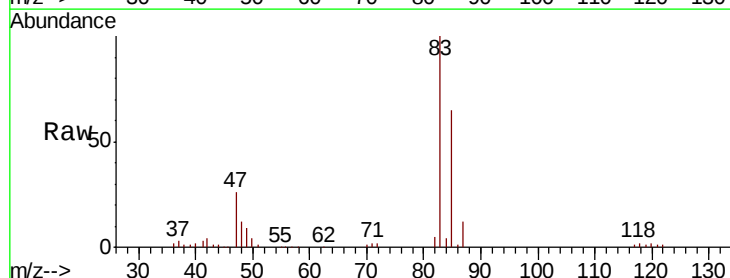
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

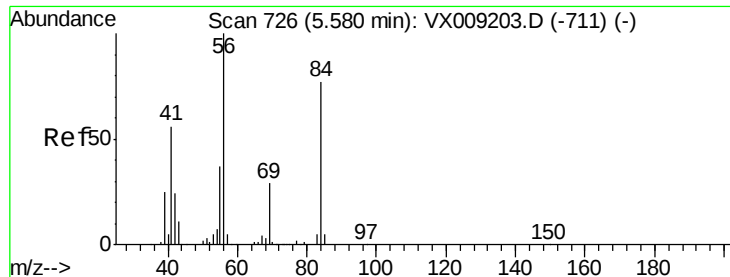
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.1	30.4	45.6
71	34.4	28.6	43.0



#30
Chloroform
Concen: 19.368 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3

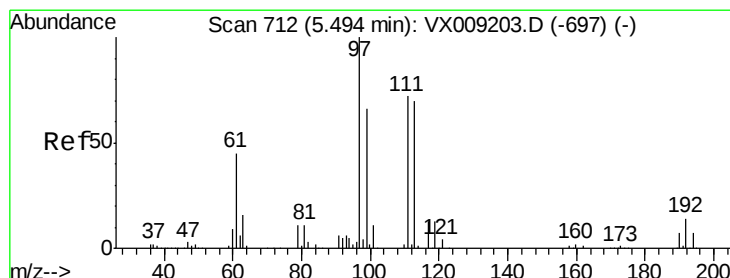
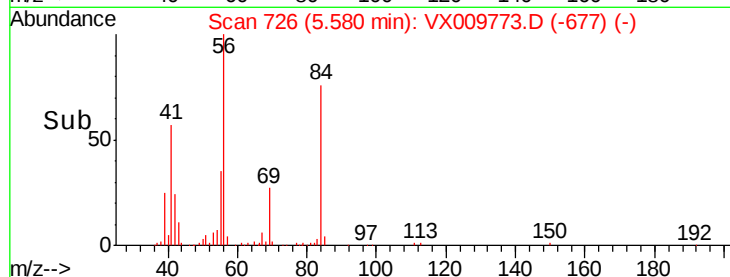
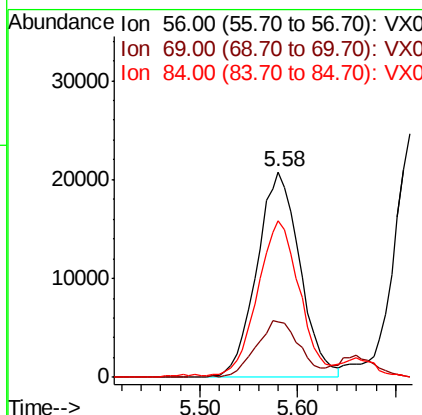
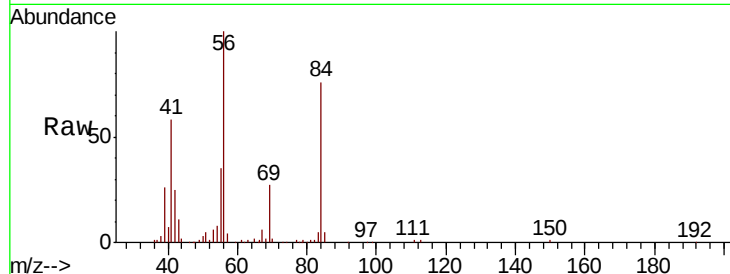




#31
Cyclohexane
Concen: 20.016 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

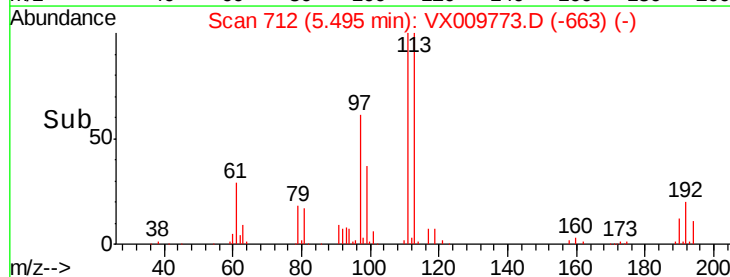
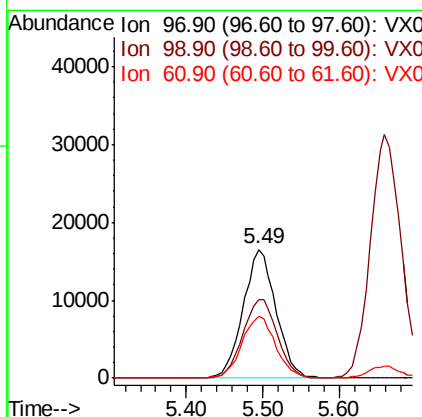
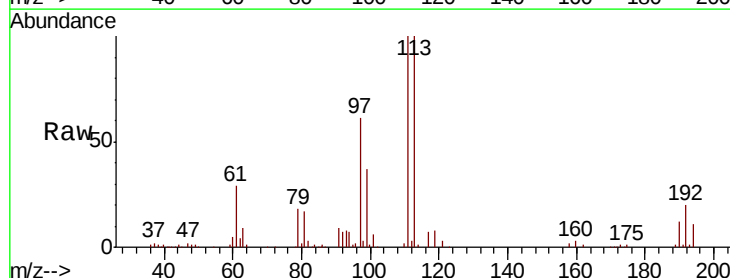
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

Tot Ion: 56 Resp: 63473
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.0
84 74.8 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 19.109 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 97 Resp: 49038
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 50.0 37.8 56.8

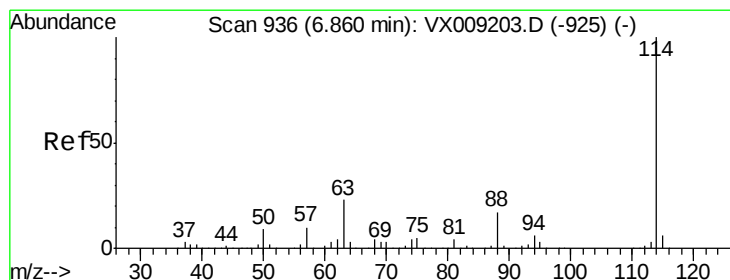
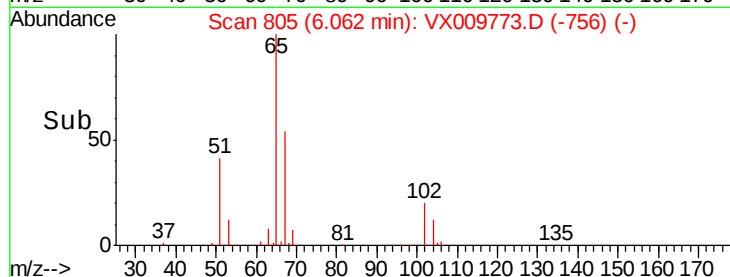
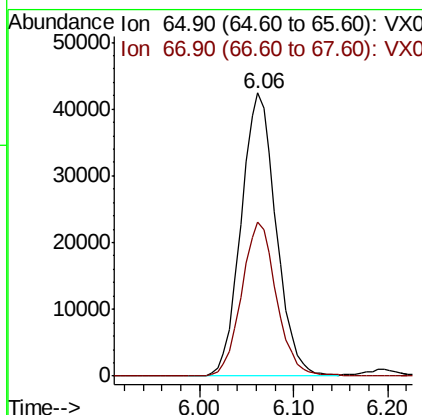
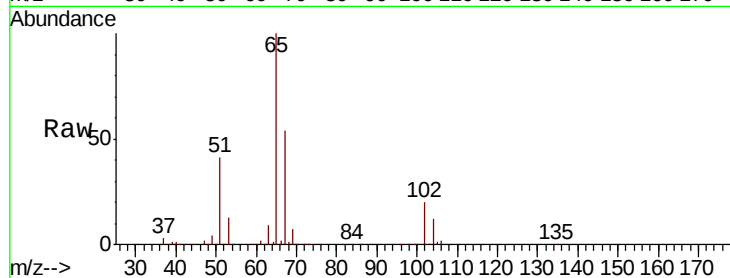




#33
 1,2-Dichloroethane-d4
 Concen: 51.285 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

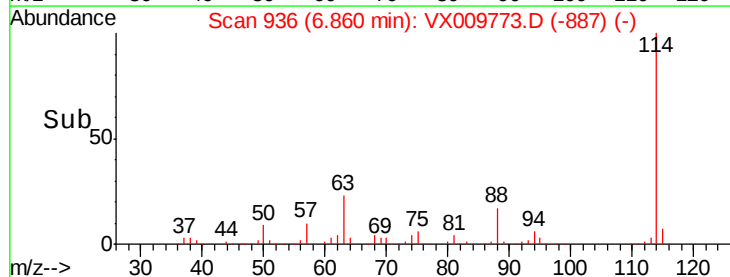
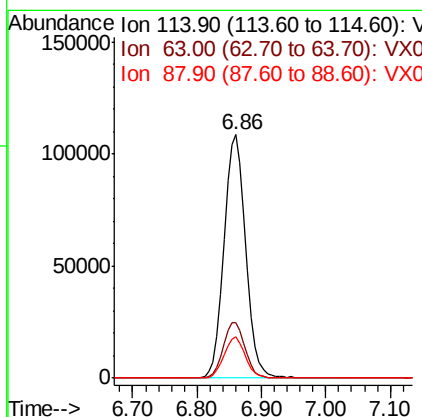
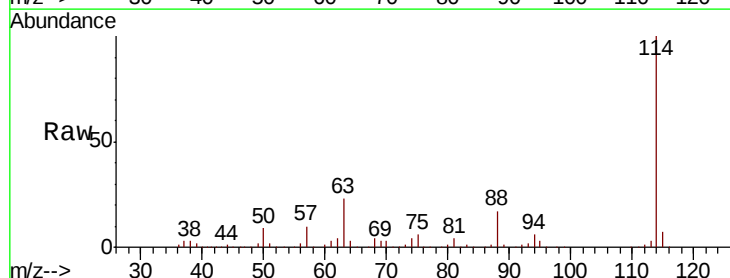
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

Tot Ion: 65 Resp: 110004
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion: 114 Resp: 258987
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.8 0.0 33.2

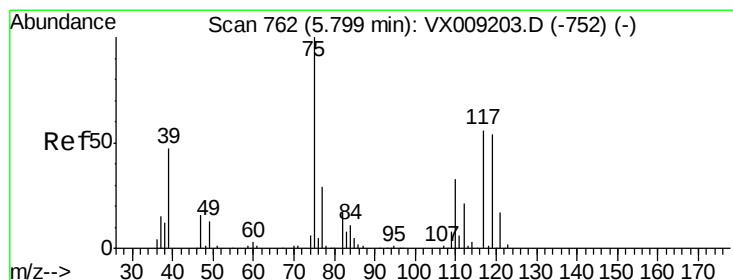
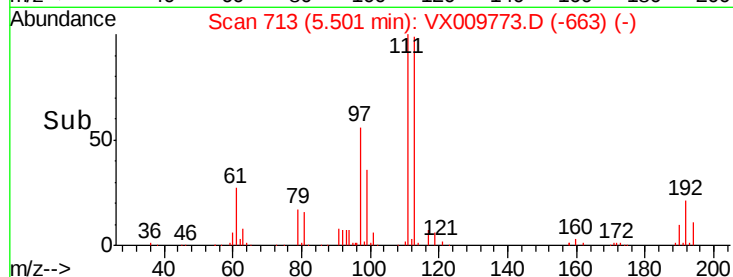
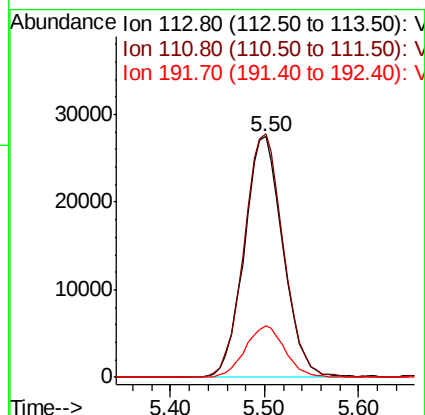
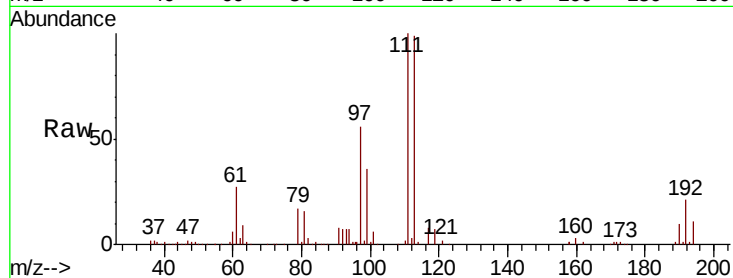




#35
 Dibromofluoromethane
 Concen: 48.505 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

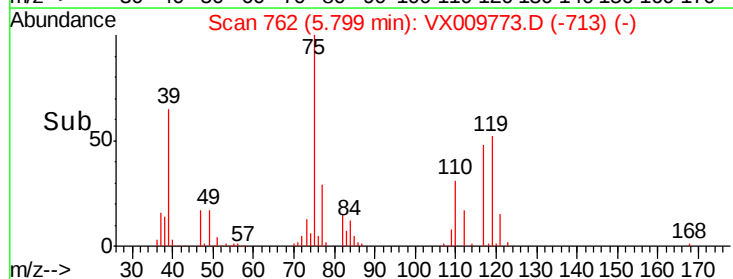
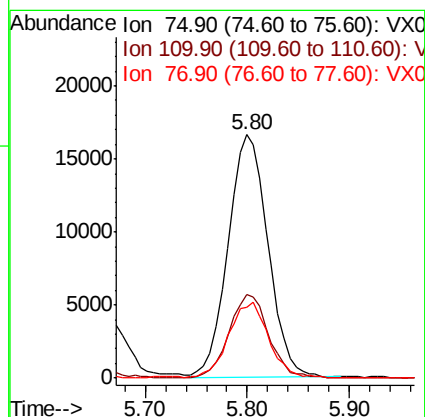
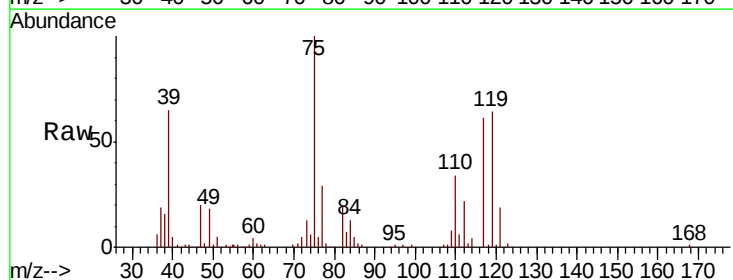
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

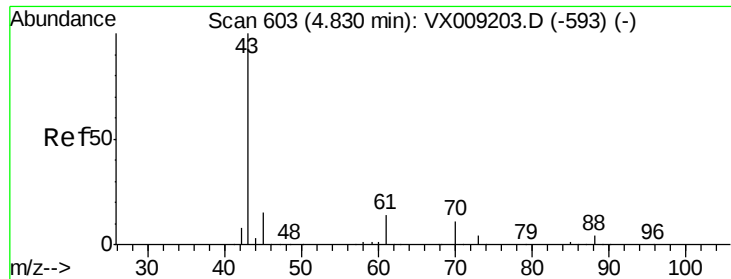
Tot Ion:113 Resp: 78970
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.653 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion: 75 Resp: 44894
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 31.6 24.8 37.2

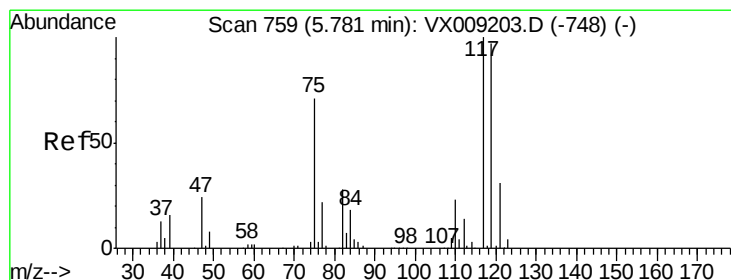
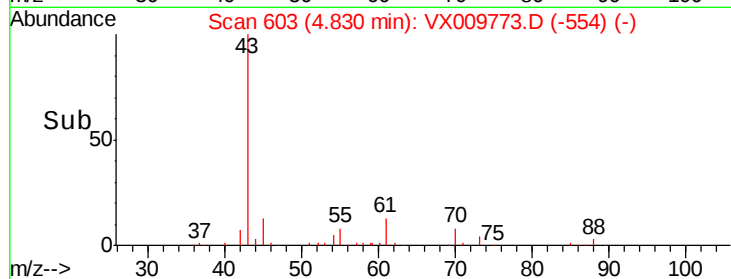
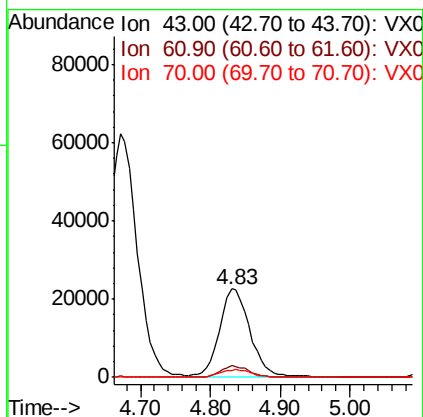
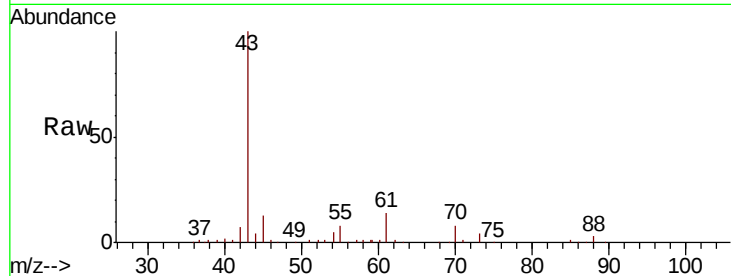




#37
Ethyl Acetate
Concen: 20.131 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

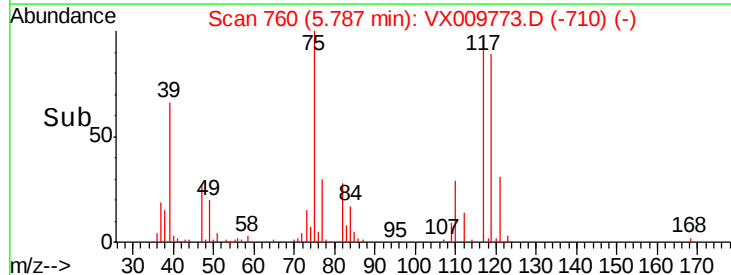
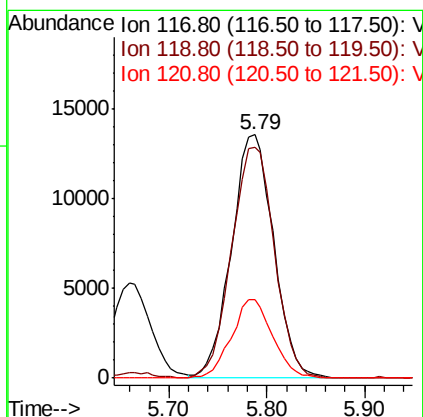
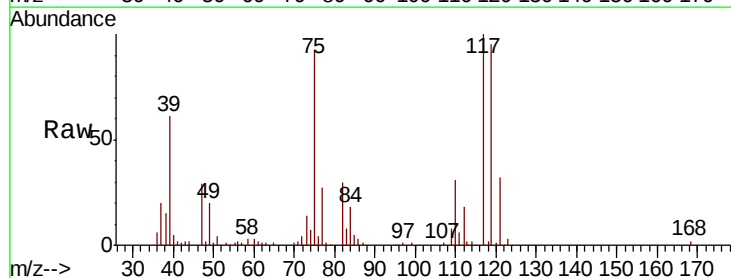
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

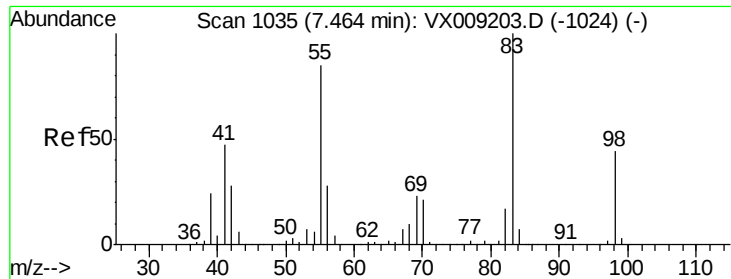
Tot Ion: 43 Resp: 67507
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.520 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 117 Resp: 40498
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
121 32.1 24.7 37.1

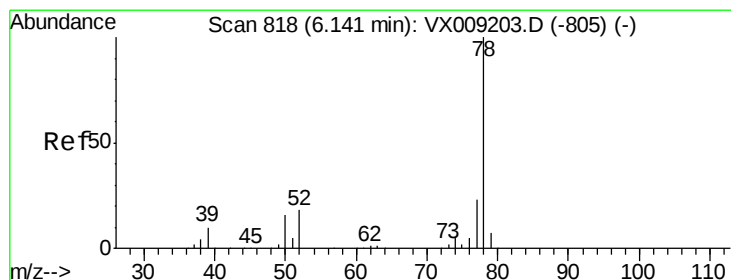
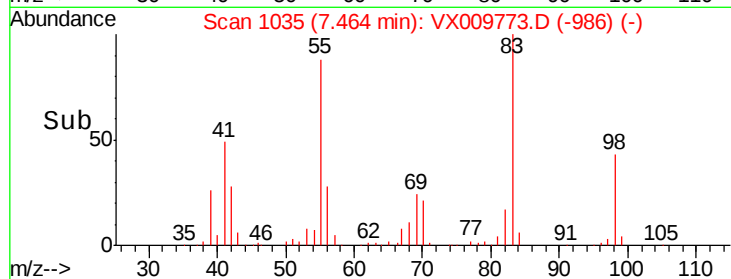
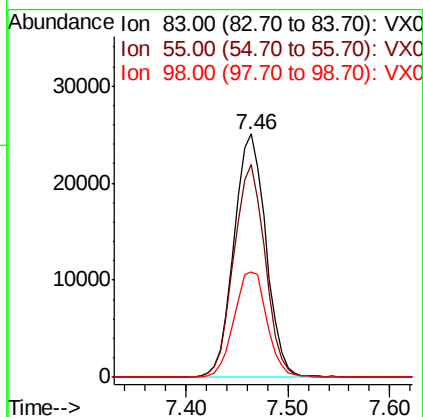
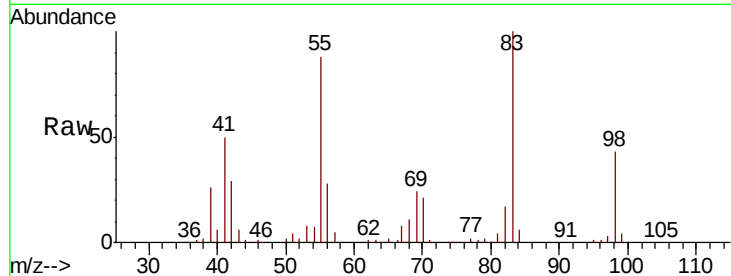




#39
Methvlcvclohexane
Concen: 18.450 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

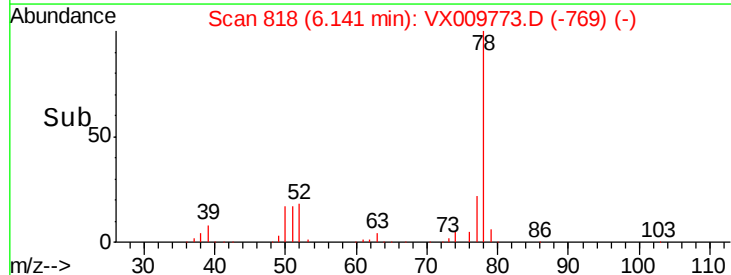
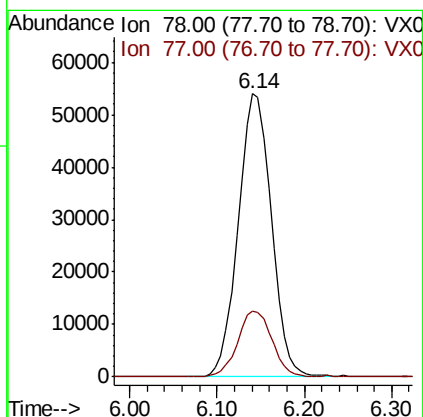
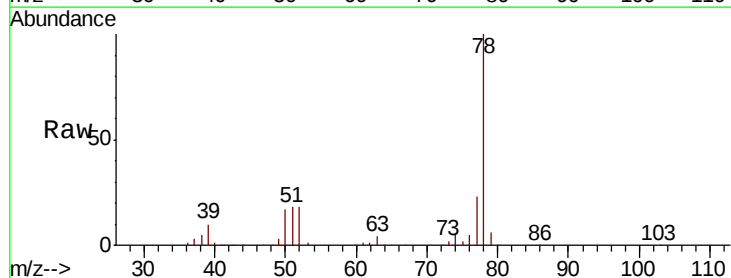
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

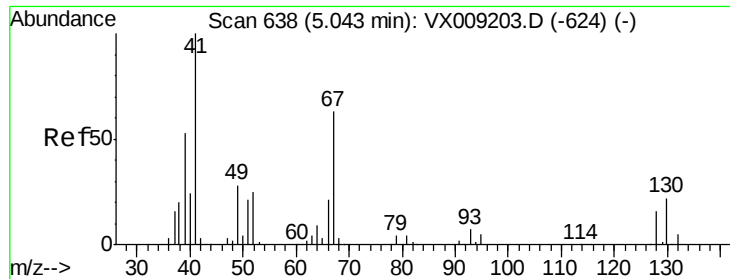
Tot Ion: 83 Resp: 54534
Ion Ratio Lower Upper
83 100
55 87.6 67.7 101.5
98 43.1 35.5 53.3



#40
Benzene
Concen: 19.130 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 78 Resp: 142496
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#41

Methacrylonitrile

Concen: 18.812 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

Tot Ion: 41 Resp: 37551

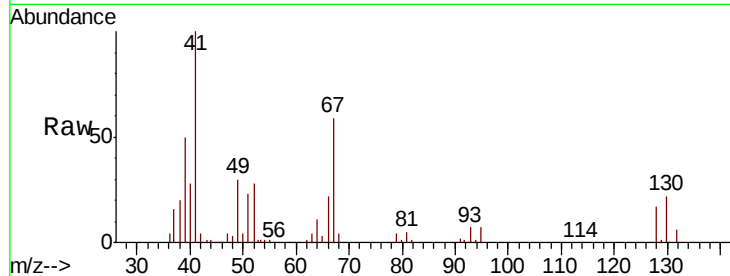
Ion Ratio Lower Upper

41 100

39 52.4 42.0 63.0

67 61.6 49.8 74.8

52 28.9 20.3 30.5

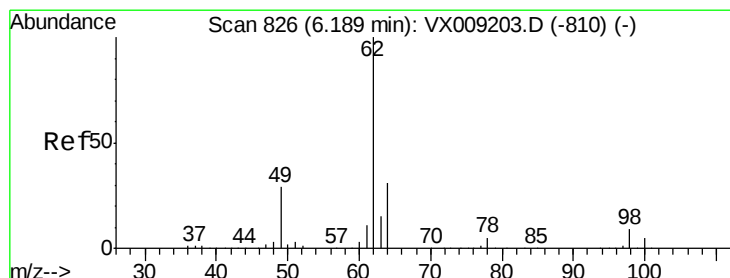
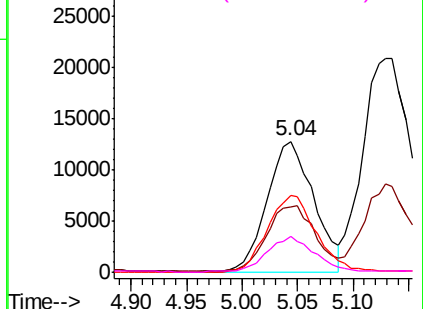
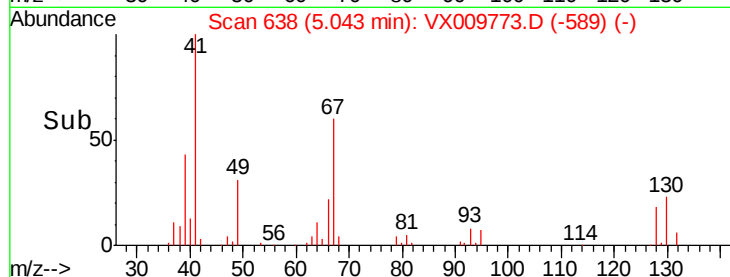


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.932 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009773.D

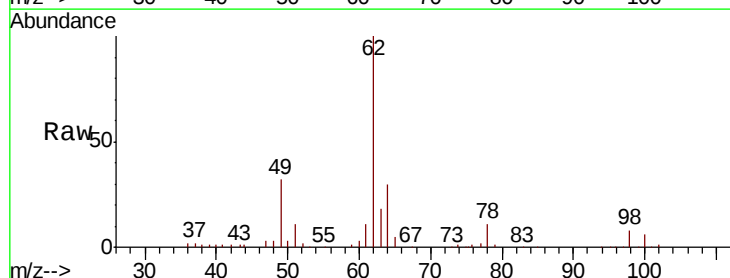
Acq: 22 May 2019 02:17

Tgt Ion: 62 Resp: 53258

Ion Ratio Lower Upper

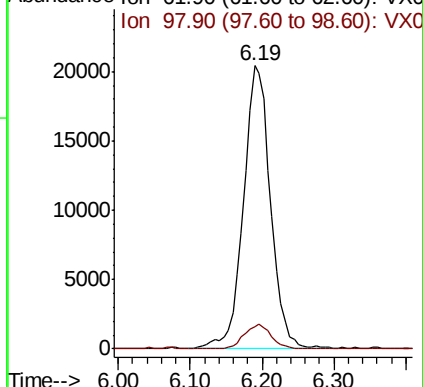
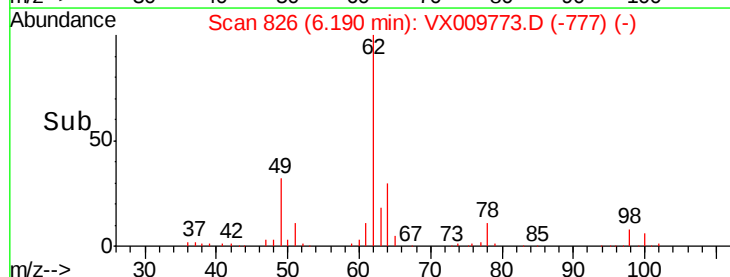
62 100

98 8.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



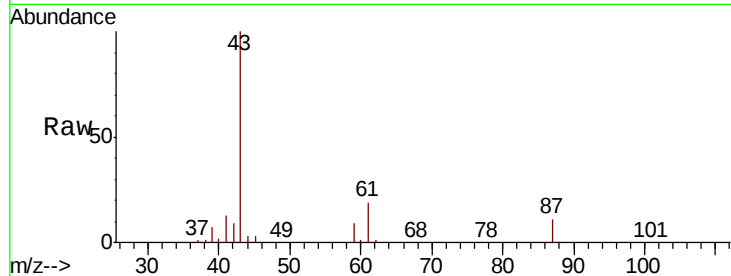


#43

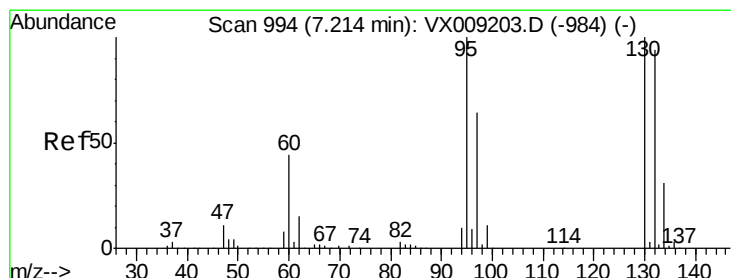
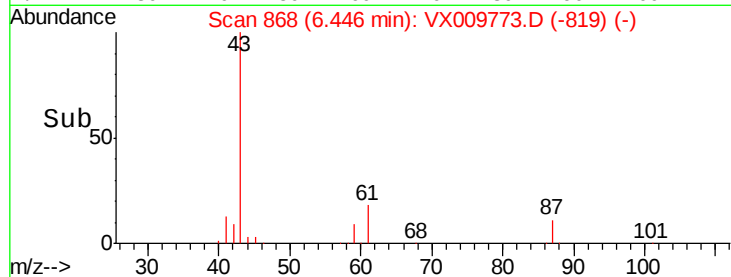
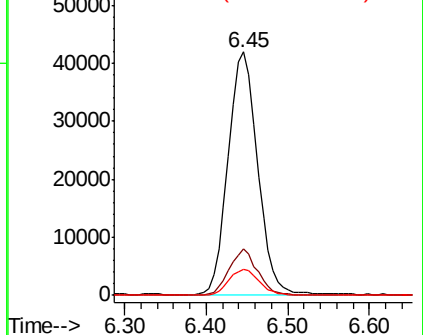
Isopropyl Acetate
 Concen: 19.506 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0521WBSD04

Tot Ion: 43 Resp: 104631
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.1 22.7
 87 11.1 9.0 13.6



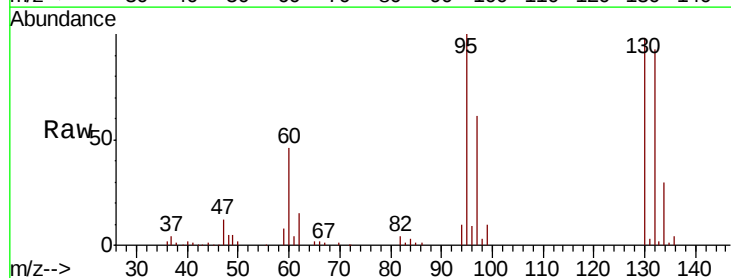
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



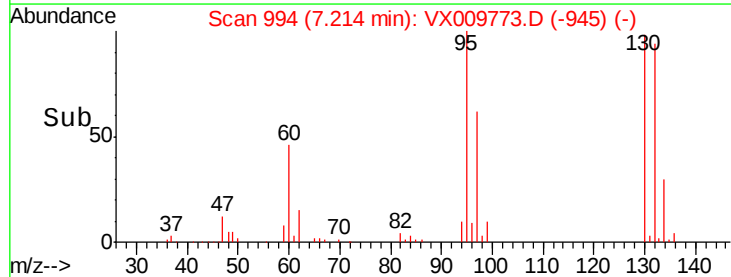
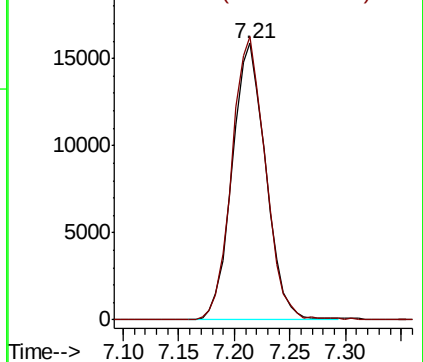
#44

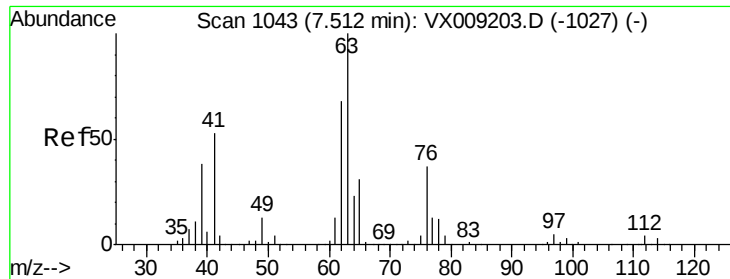
Trichloroethene
 Concen: 18.449 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion:130 Resp: 33221
 Ion Ratio Lower Upper
 130 100
 95 102.4 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: 19.323 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

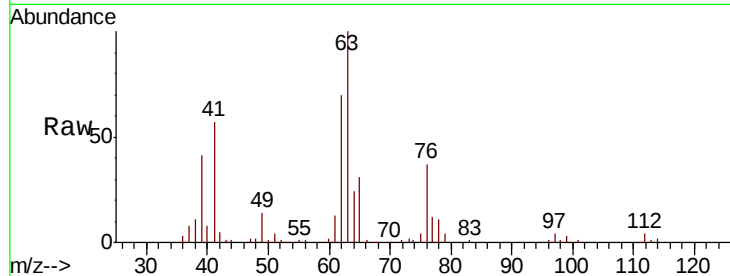
VX0521WBSD04

Tot Ion: 63 Resp: 40755

Ion Ratio Lower Upper

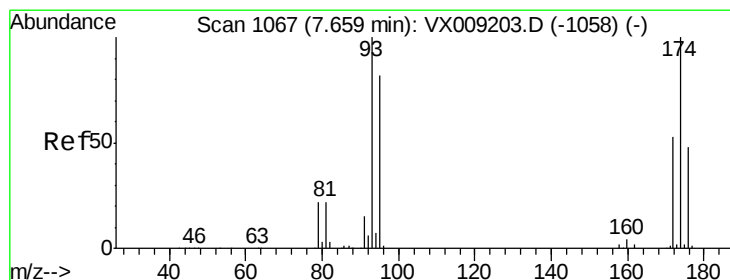
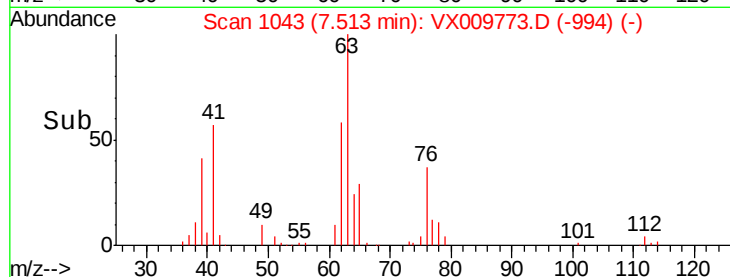
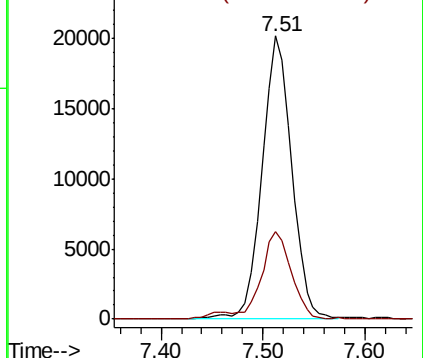
63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.472 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

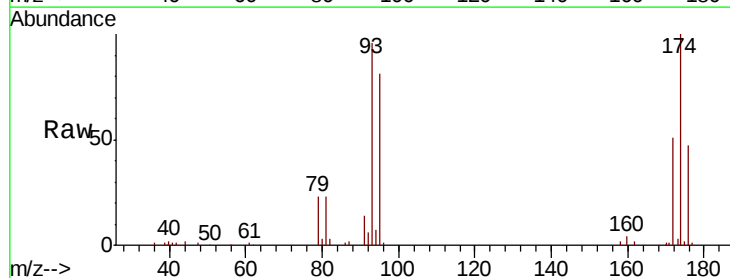
Tgt Ion: 93 Resp: 22624

Ion Ratio Lower Upper

93 100

95 85.9 66.5 99.7

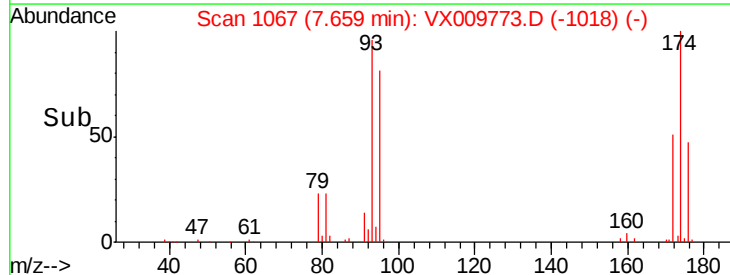
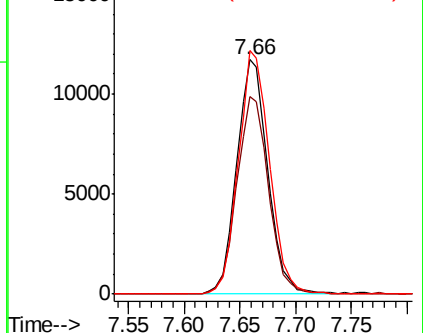
174 104.3 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.548 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

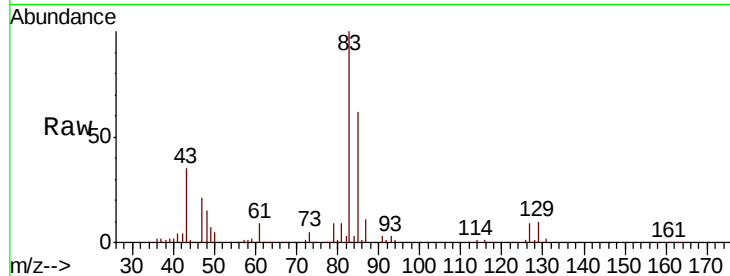
Tot Ion: 83 Resp: 45315

Ion Ratio Lower Upper

83 100

85 62.2 52.4 78.6

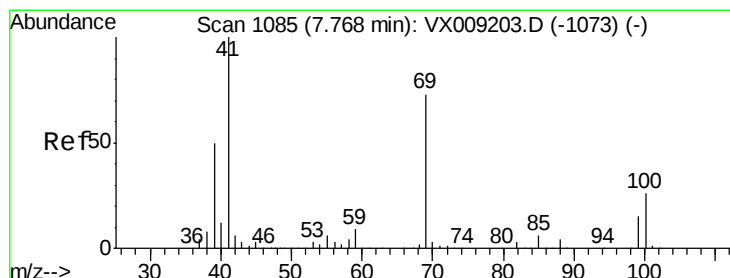
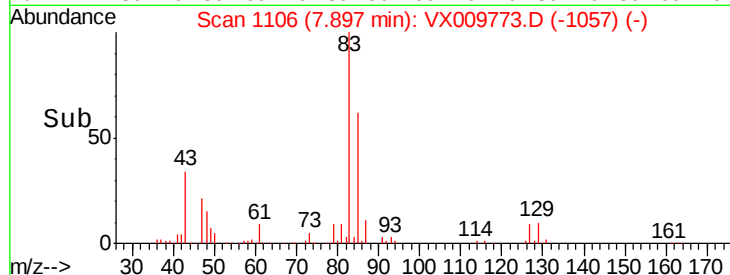
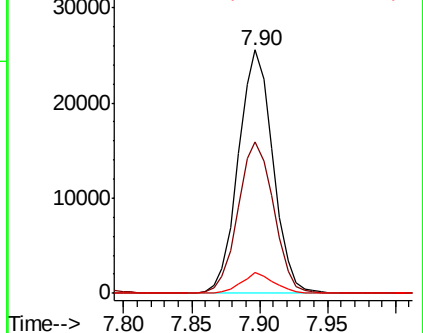
127 8.6 6.6 10.0



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: 19.983 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

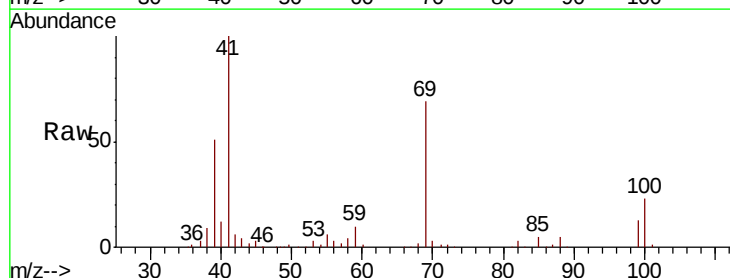
Tgt Ion: 41 Resp: 53179

Ion Ratio Lower Upper

41 100

69 70.8 59.1 88.7

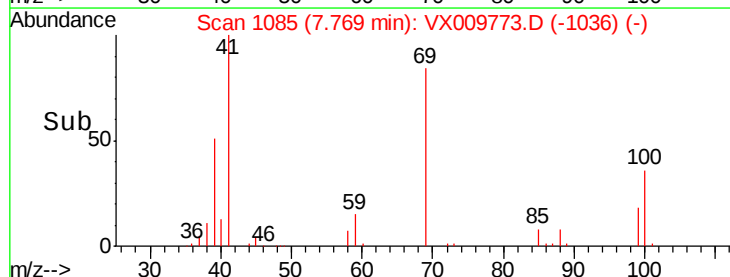
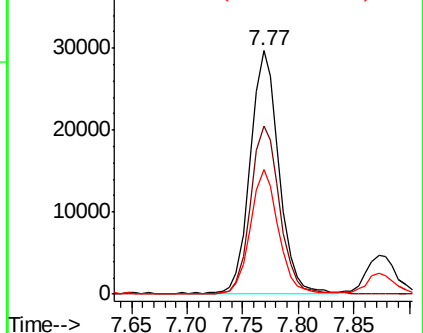
39 49.6 40.4 60.6

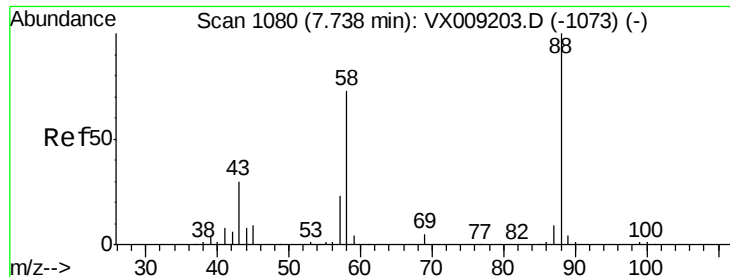


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 385.264 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

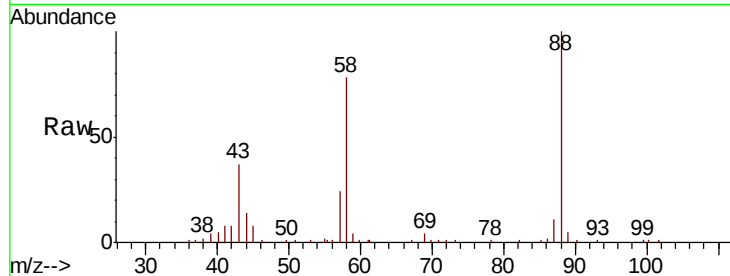
Tot Ion: 88 Resp: 20792

Ion Ratio Lower Upper

88 100

43 39.8 28.6 42.8

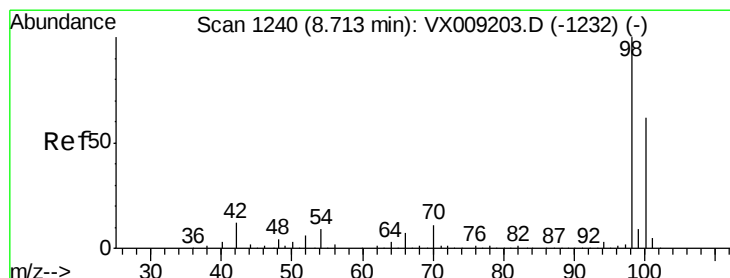
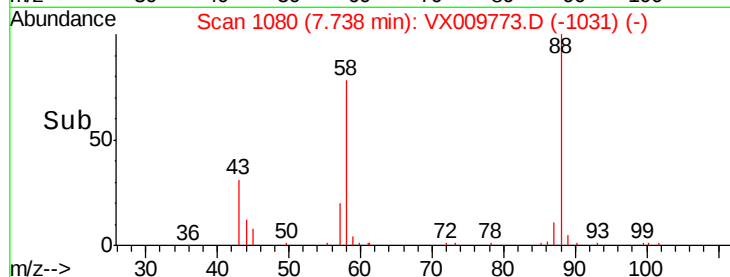
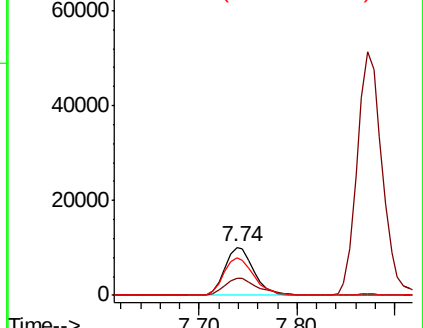
58 81.7 61.7 92.5



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: 49.622 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009773.D

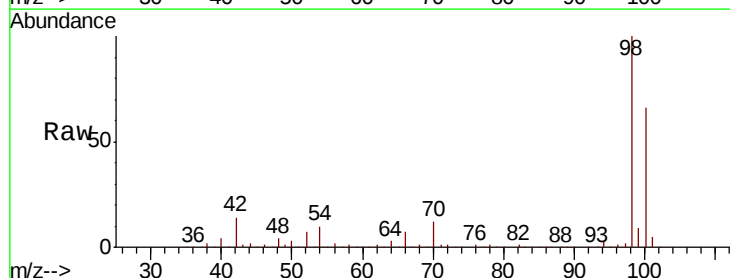
Acq: 22 May 2019 02:17

Tgt Ion: 98 Resp: 326168

Ion Ratio Lower Upper

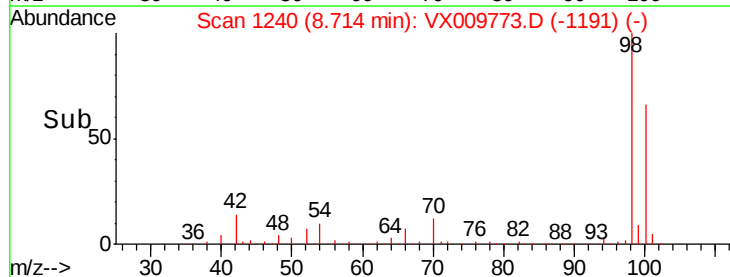
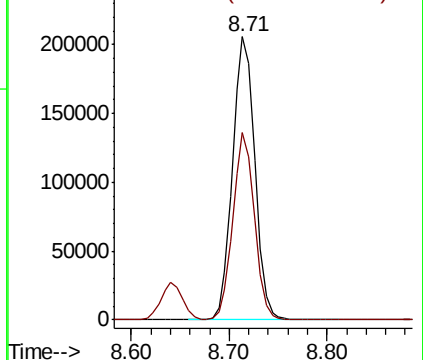
98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 99.325 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

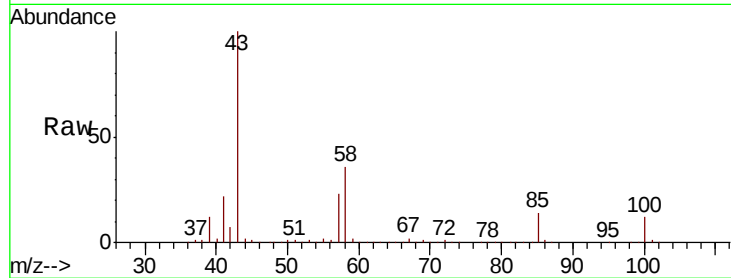
VX0521WBSD04

Tot Ion: 43 Resp: 348231

Ion Ratio Lower Upper

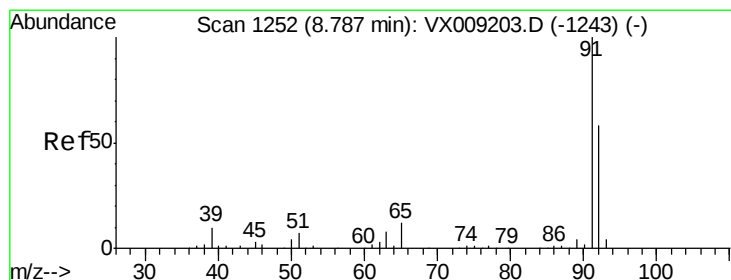
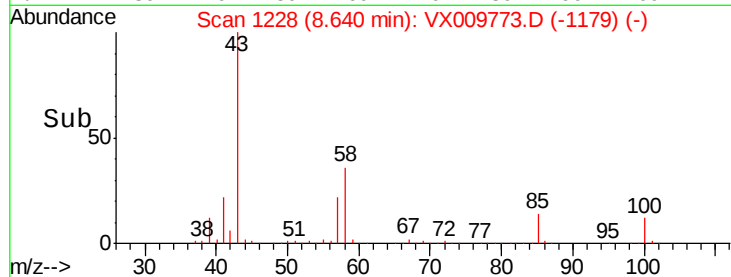
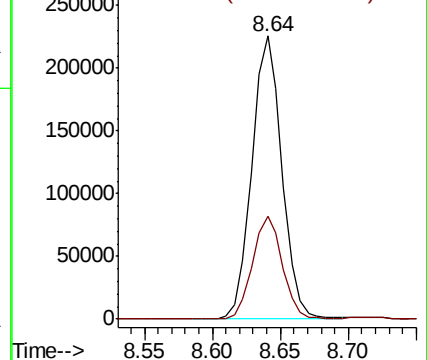
43 100

58 36.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.023 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009773.D

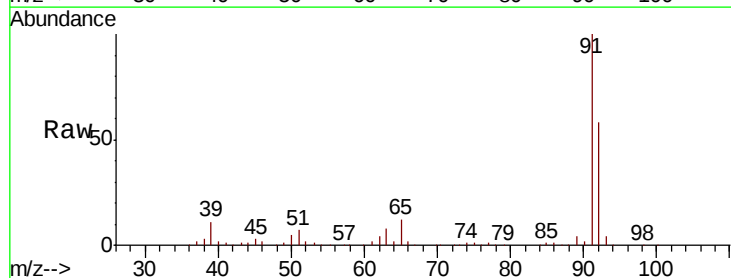
Acq: 22 May 2019 02:17

Tgt Ion: 92 Resp: 86133

Ion Ratio Lower Upper

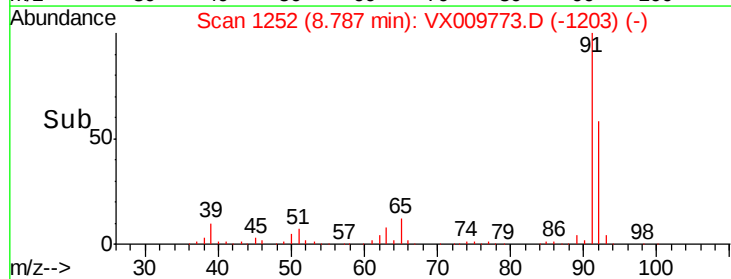
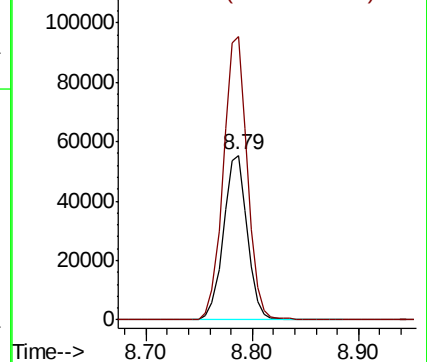
92 100

91 173.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

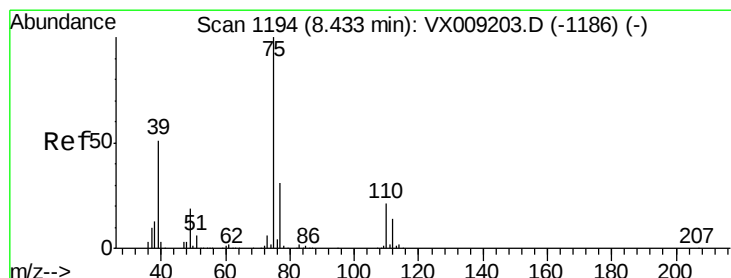
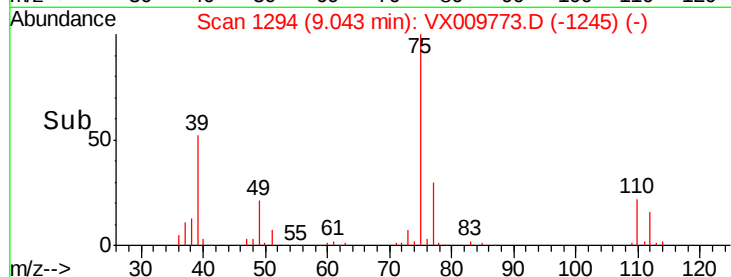
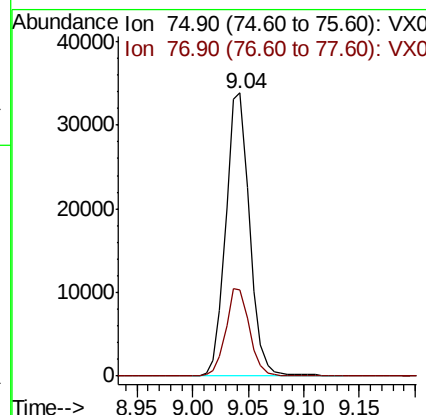
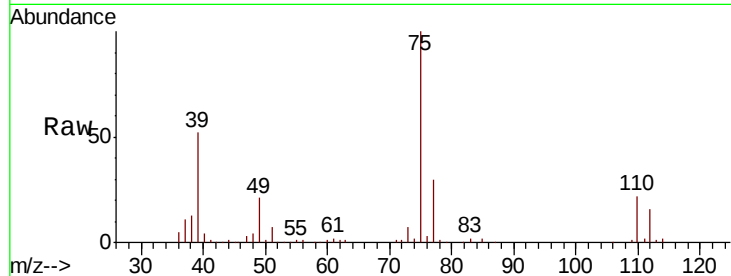




#53
 t-1,3-Dichloropropene
 Concen: 18.159 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

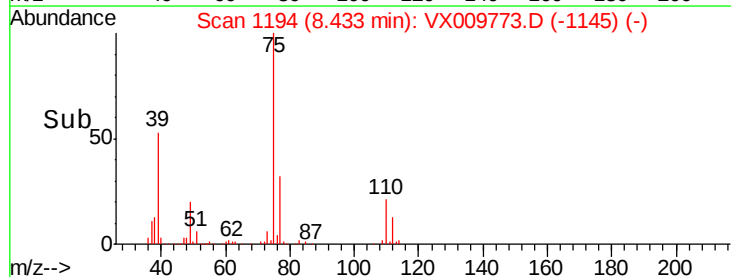
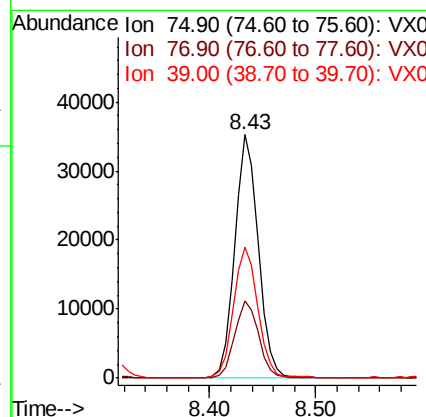
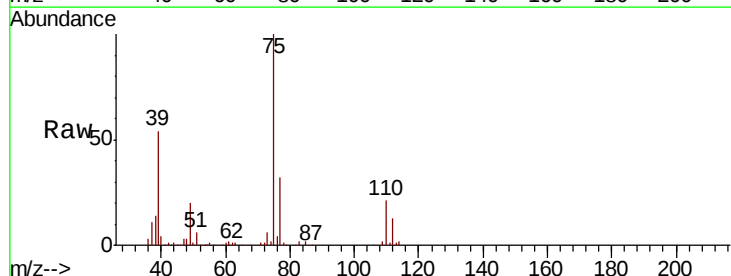
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

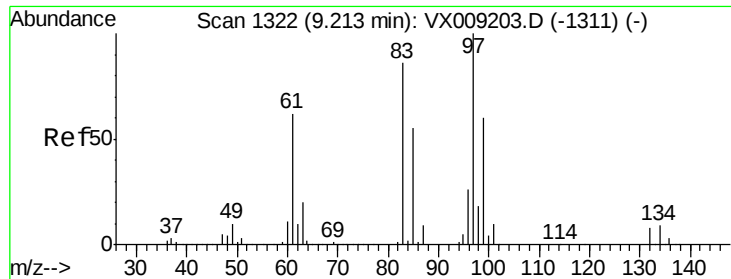
Tot Ion: 75 Resp: 50089
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.971 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion: 75 Resp: 54867
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8
 39 53.5 40.6 60.8

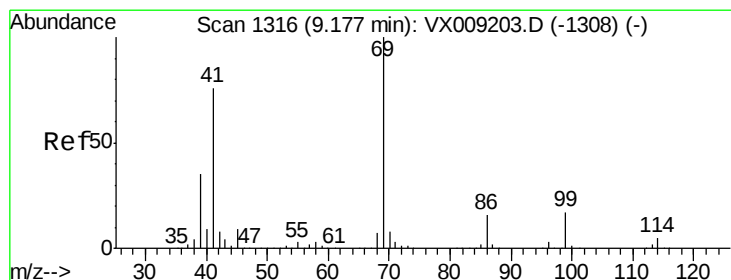
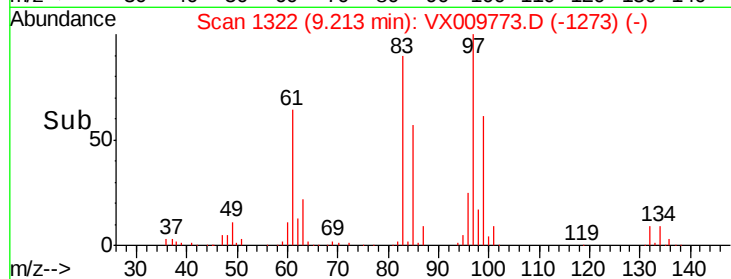
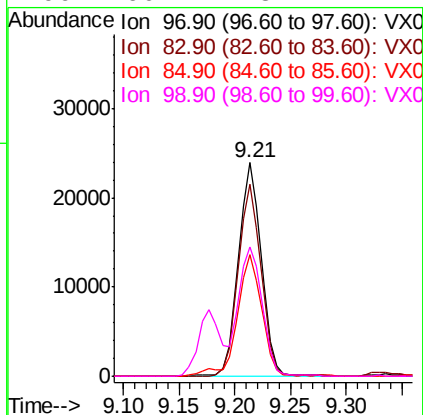
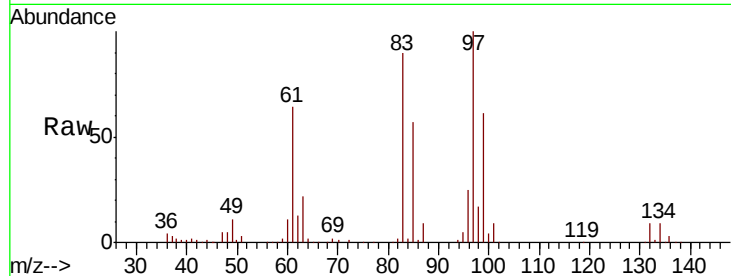




#55
 1,1,2-Trichloroethane
 Concen: 18.556 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

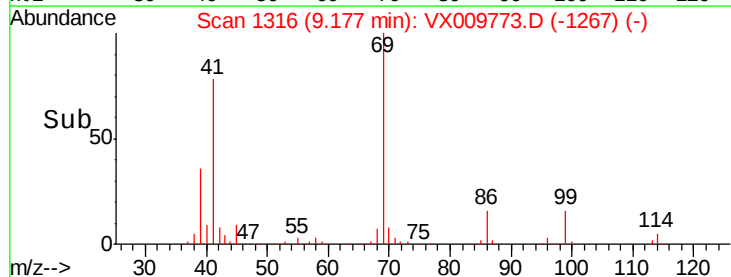
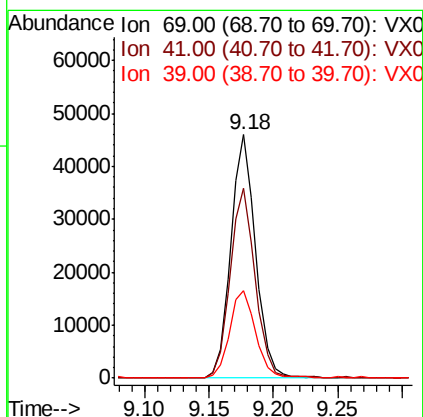
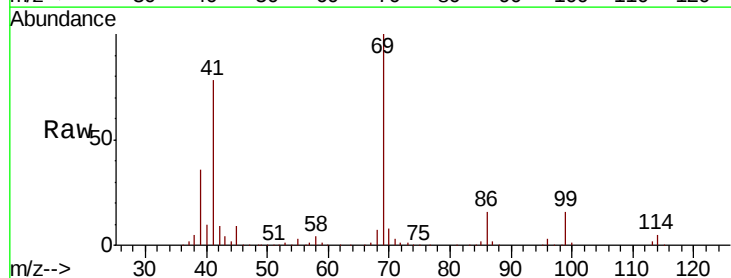
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

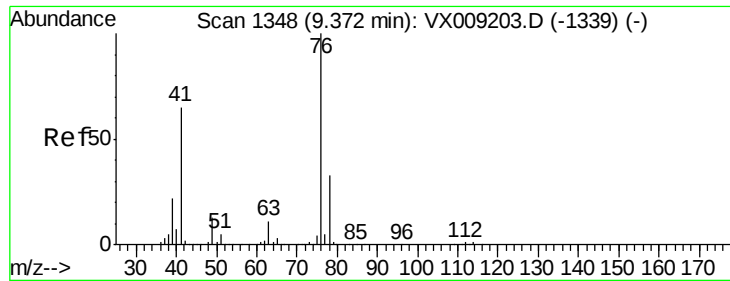
Tot Ion:	97	Resp:	34277
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.9	103.3
85	57.1	43.8	65.6
99	60.7	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 18.767 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion:	69	Resp:	61881
Ion	Ratio	Lower	Upper
69	100		
41	78.4	60.6	90.8
39	37.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.897 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

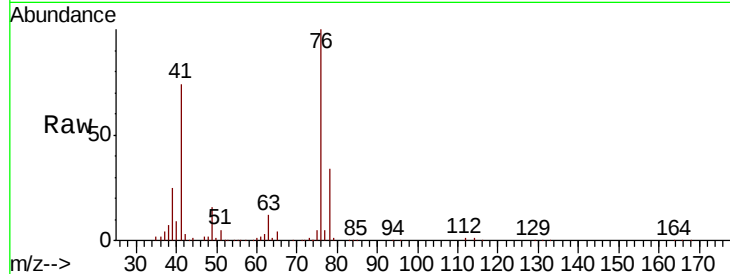
VX0521WBSD04

Tot Ion: 76 Resp: 61429

Ion Ratio Lower Upper

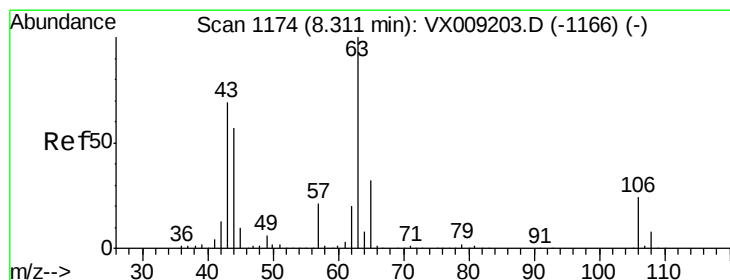
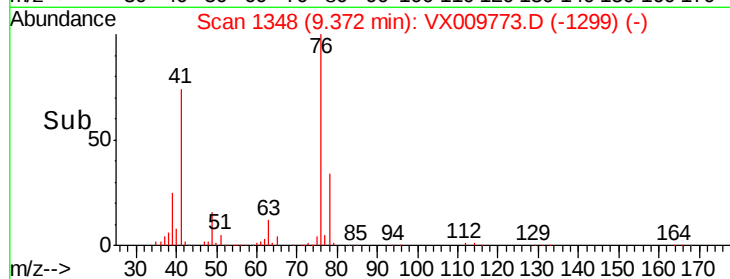
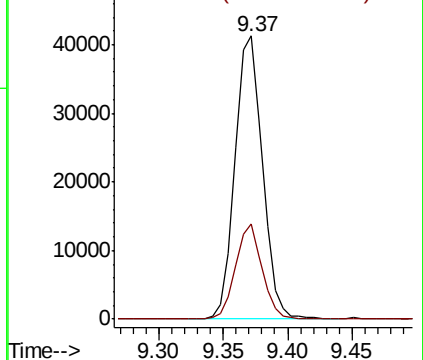
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.273 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009773.D

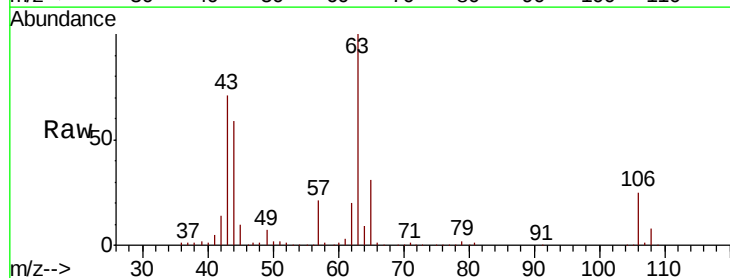
Acq: 22 May 2019 02:17

Tgt Ion: 63 Resp: 161410

Ion Ratio Lower Upper

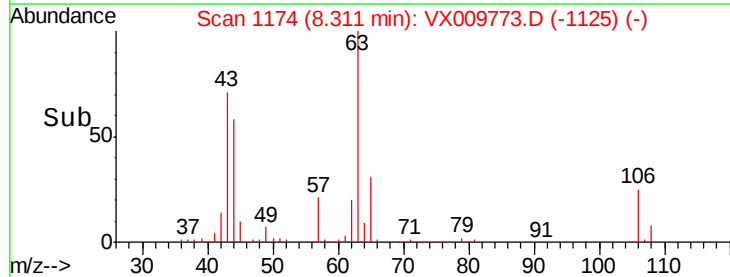
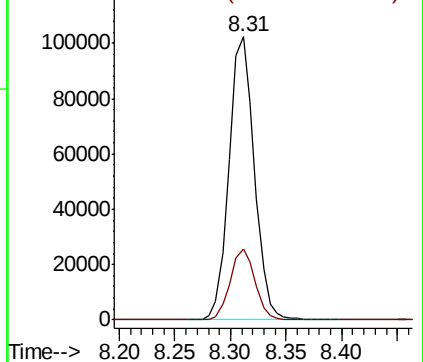
63 100

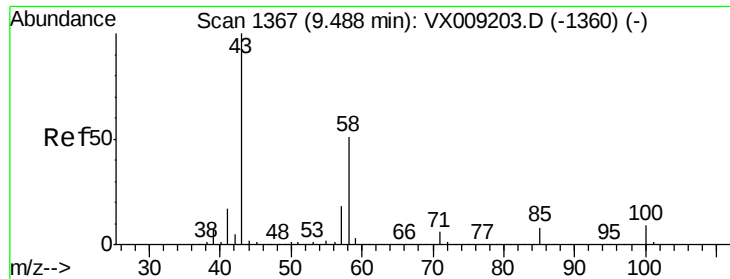
106 24.6 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

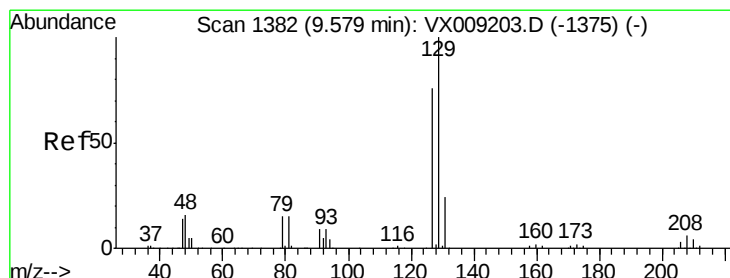
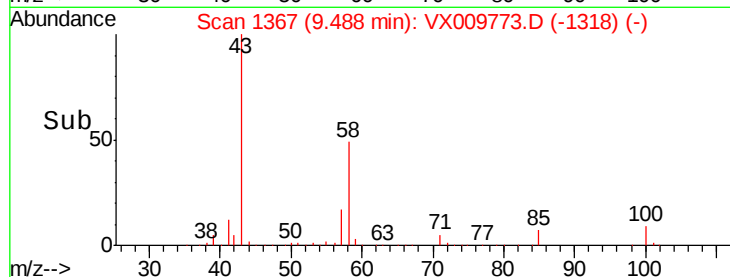
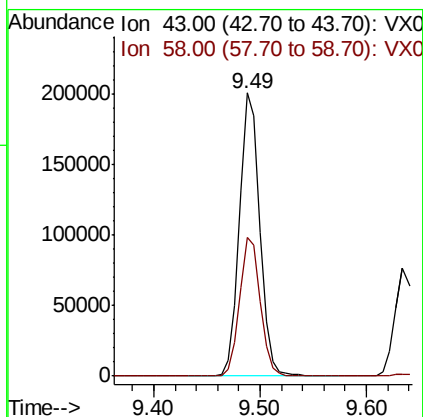
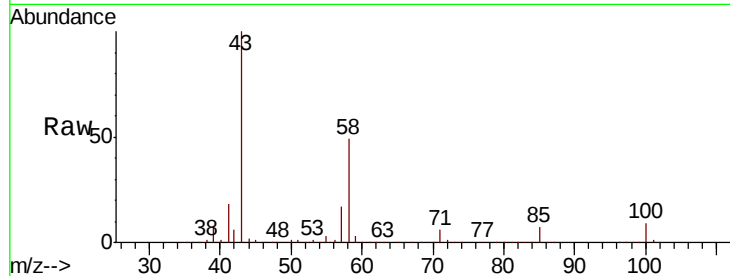




#59
2-Hexanone
Concen: 98.600 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

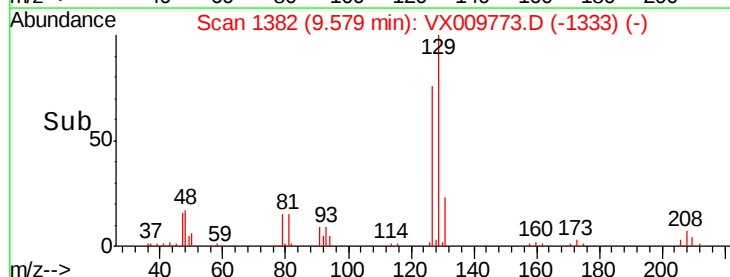
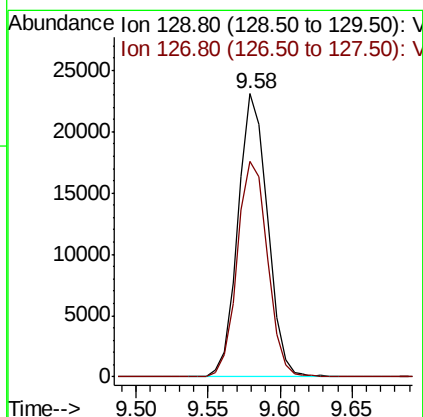
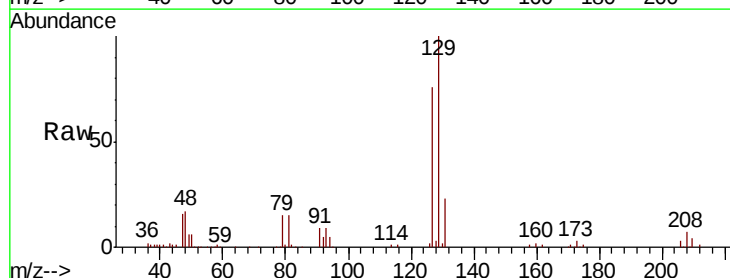
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

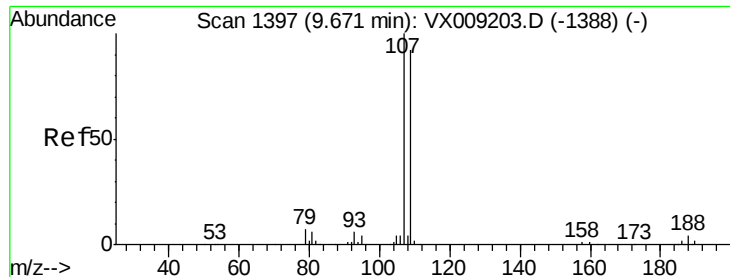
Tot Ion: 43 Resp: 271499
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7



#60
Dibromochloromethane
Concen: 18.318 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 129 Resp: 33048
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.679 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

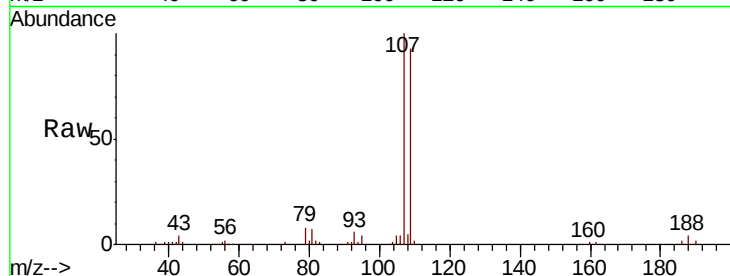
VX0521WBSD04

Tot Ion:107 Resp: 34829

Ion Ratio Lower Upper

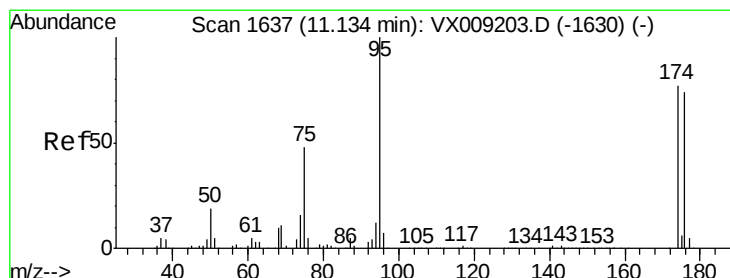
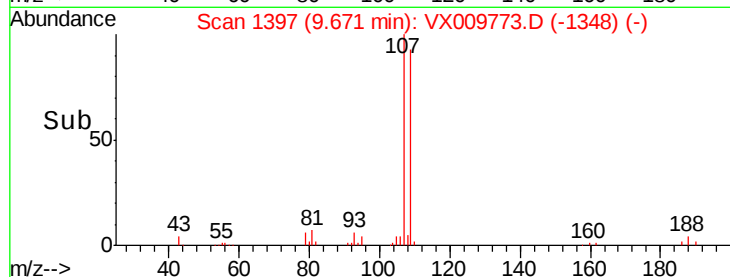
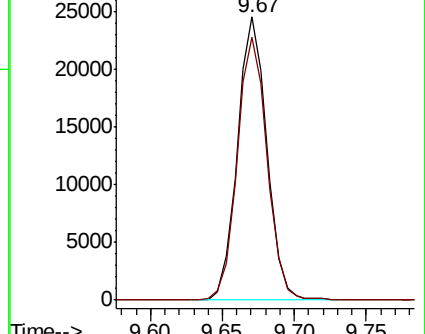
107 100

109 94.1 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: 48.154 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

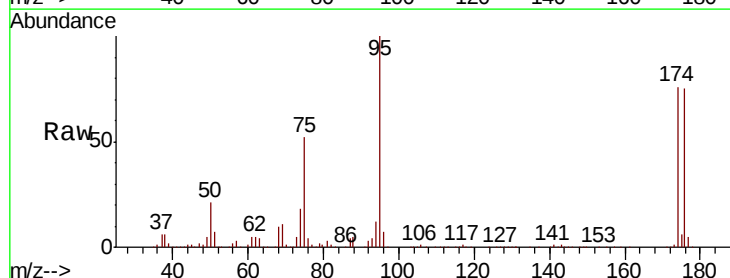
Tgt Ion: 95 Resp: 115010

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

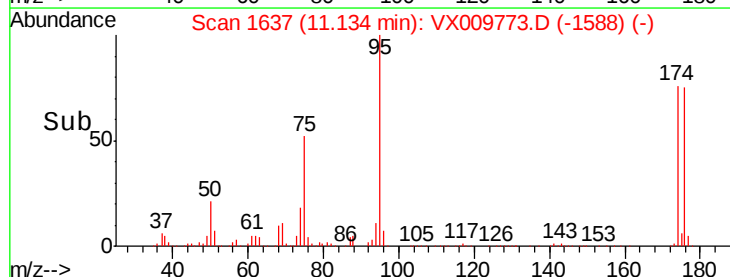
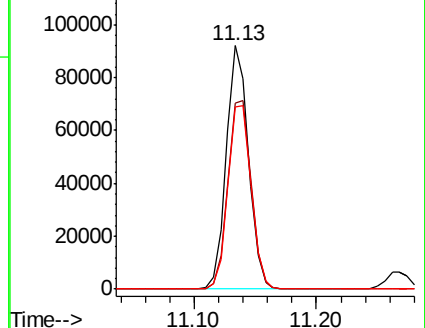
176 79.3 0.0 159.2

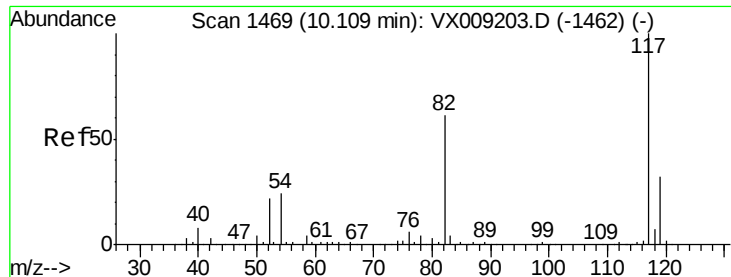


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

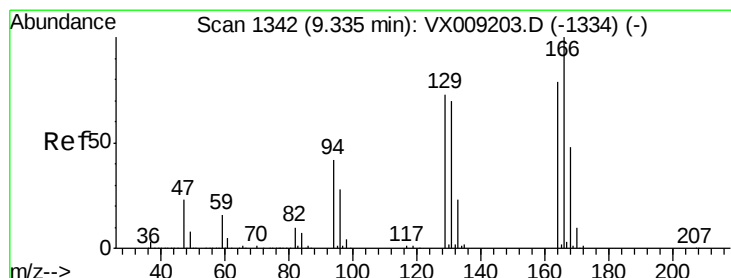
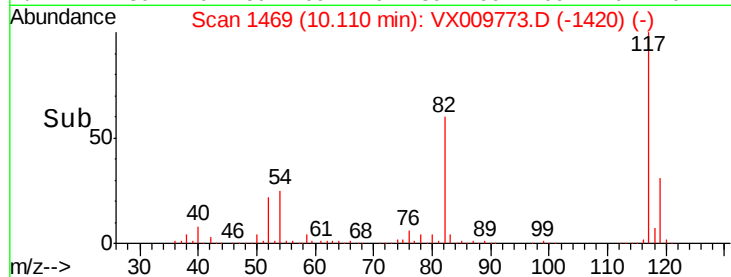
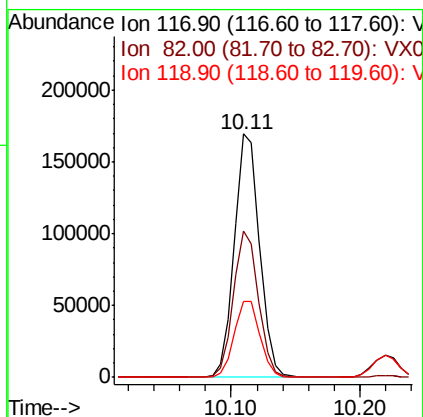
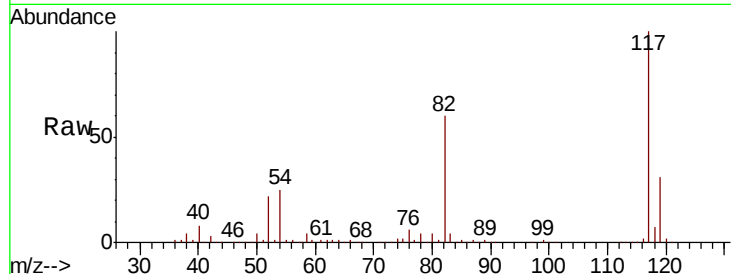




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

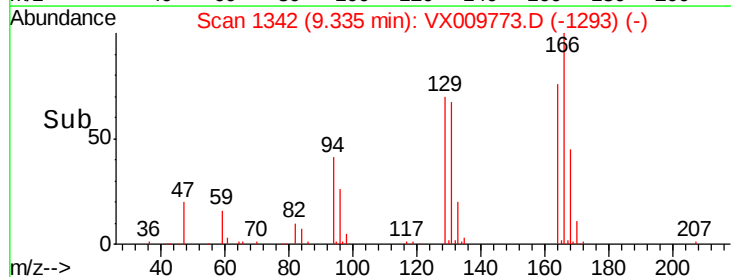
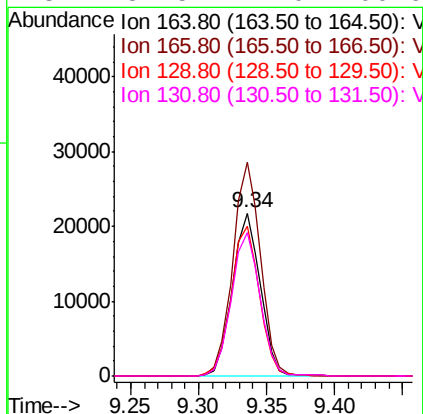
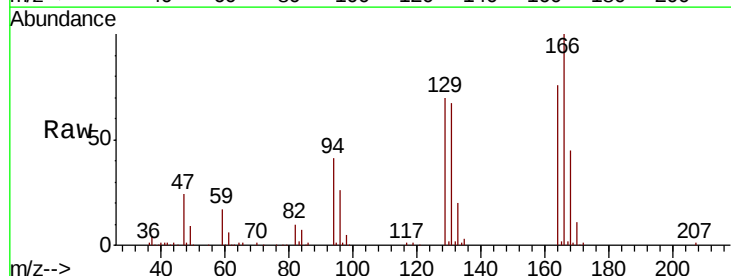
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

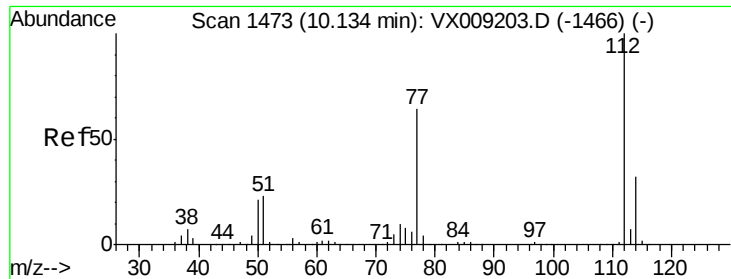
Tot Ion:117 Resp: 231842
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 19.553 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion:164 Resp: 31096
Ion Ratio Lower Upper
164 100
166 131.0 101.2 151.8
129 92.0 74.3 111.5
131 87.5 71.0 106.6

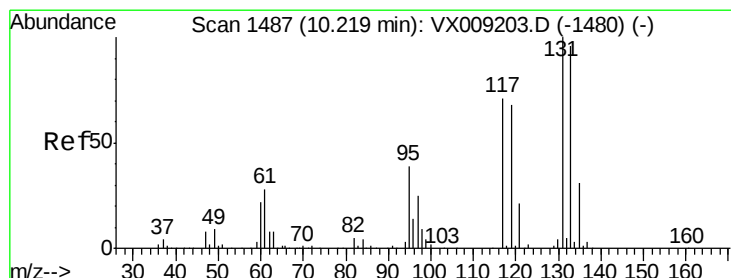
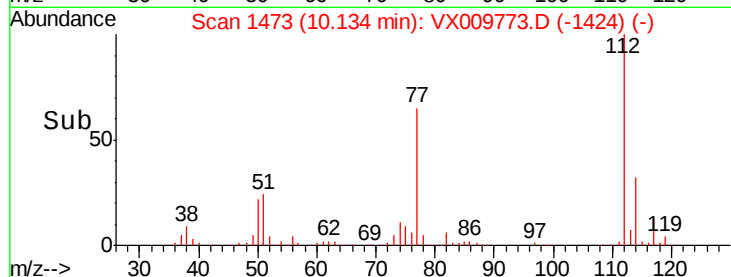
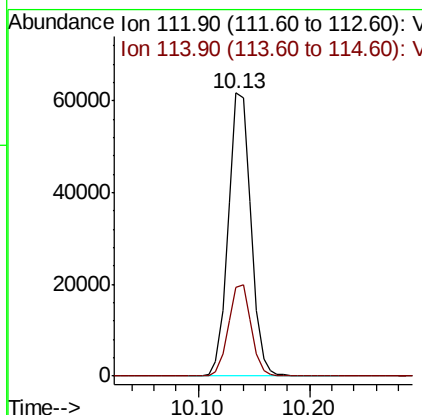
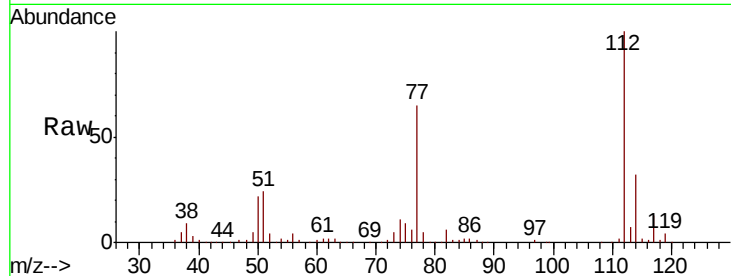




#65
Chlorobenzene
Concen: 18.703 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

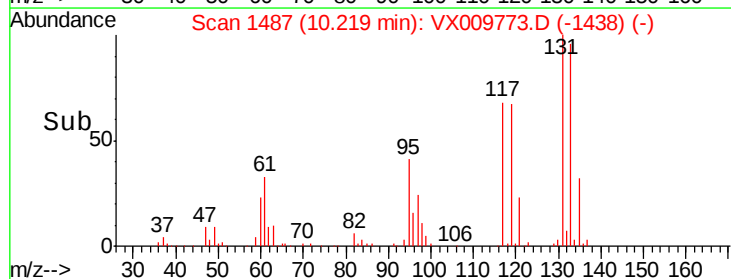
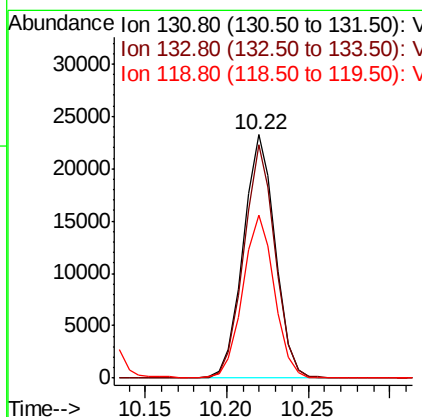
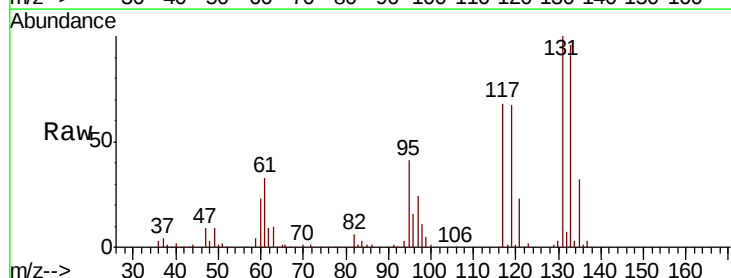
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

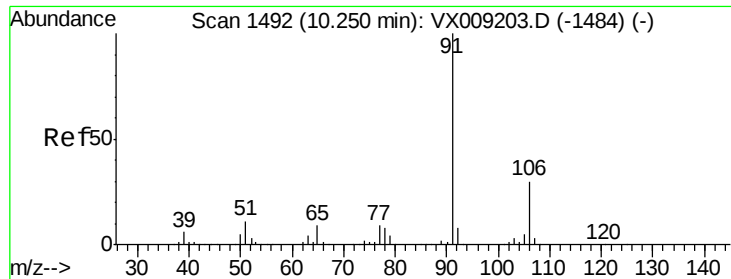
Tot Ion:112 Resp: 86743
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.904 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion:131 Resp: 31785
Ion Ratio Lower Upper
131 100
133 93.7 47.7 143.1
119 65.9 33.5 100.4

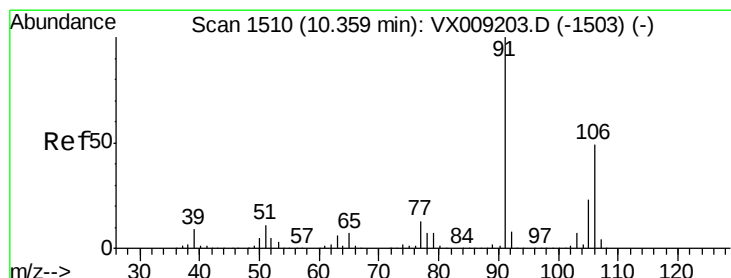
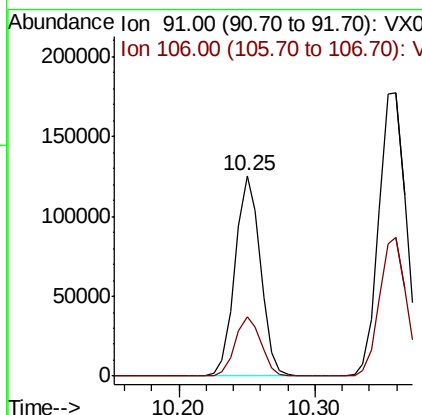
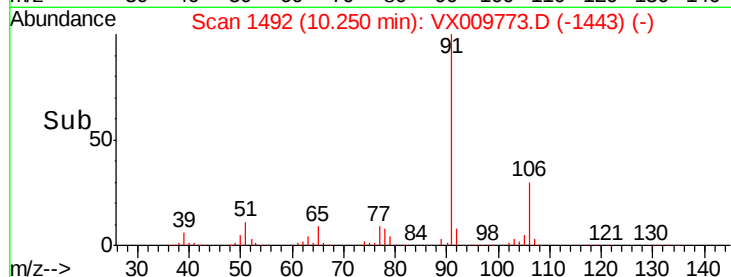
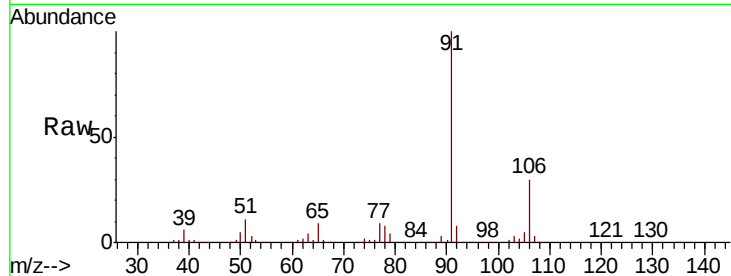




#67
Ethyl Benzene
Concen: 19.112 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

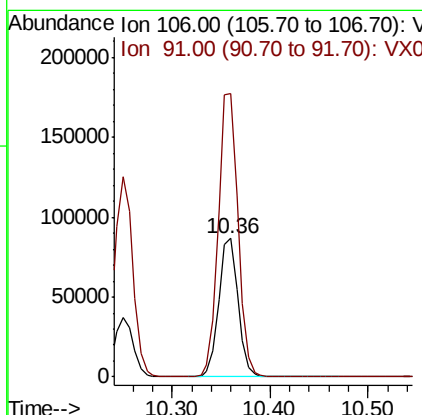
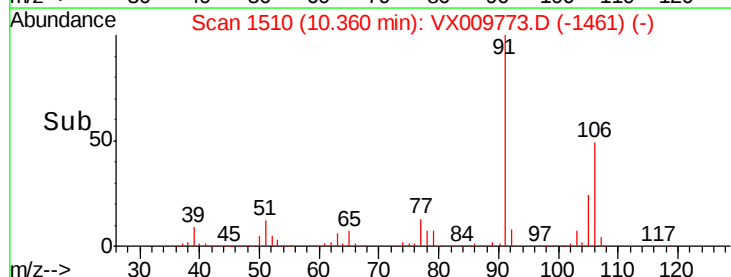
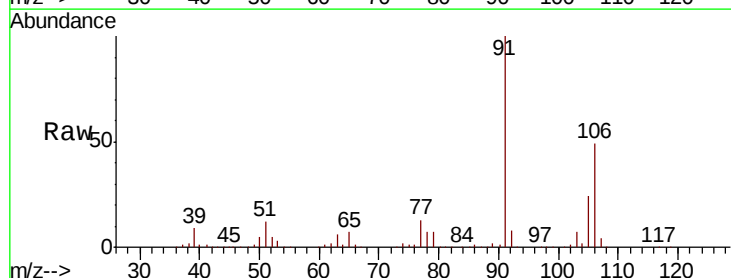
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

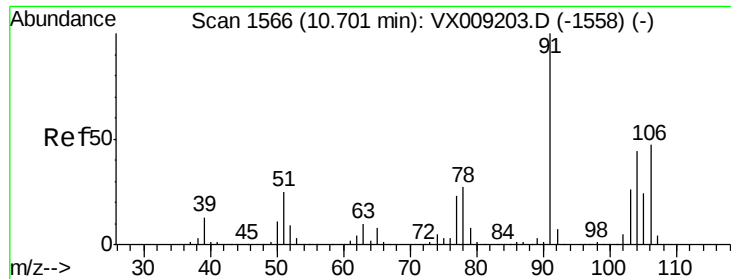
Tot Ion: 91 Resp: 163129
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 38.190 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion: 106 Resp: 119118
Ion Ratio Lower Upper
106 100
91 208.8 164.0 246.0

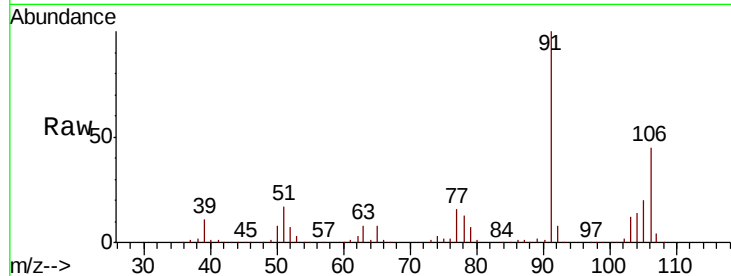




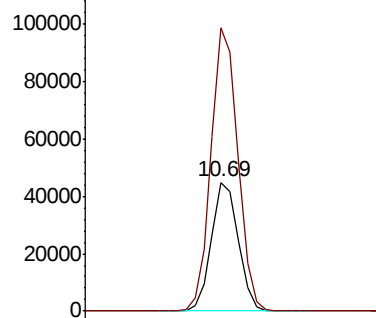
#69
o-Xylene
Concen: 18.857 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

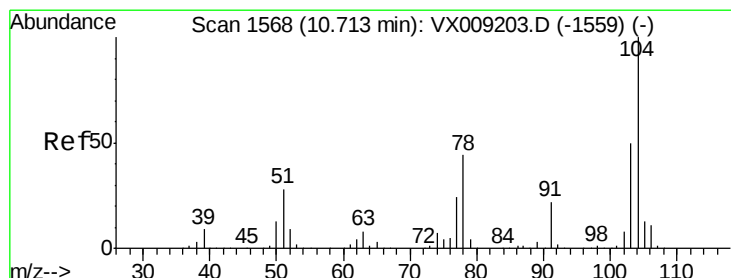
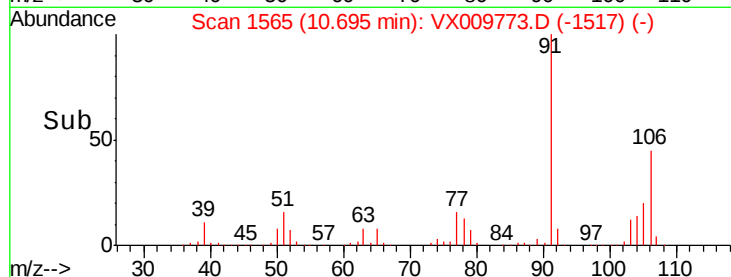
Tot Ion:106 Resp: 58031
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.4



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

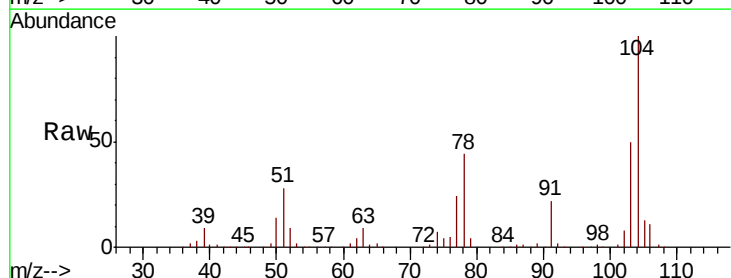


Time-->

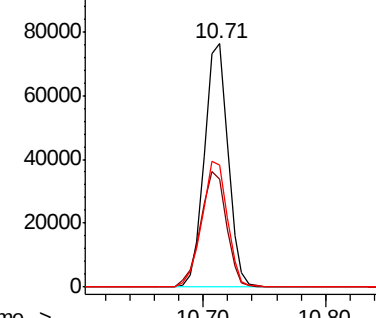


#70
Styrene
Concen: 18.991 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

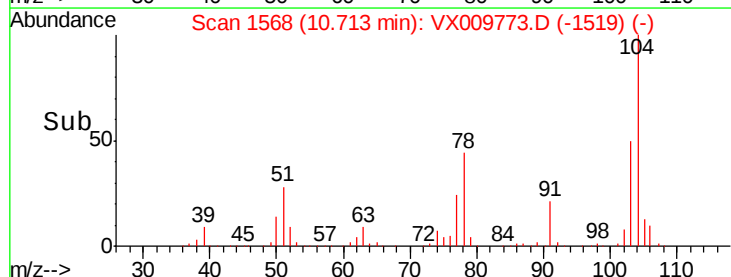
Tgt Ion:104 Resp: 101579
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.8 43.8 65.6

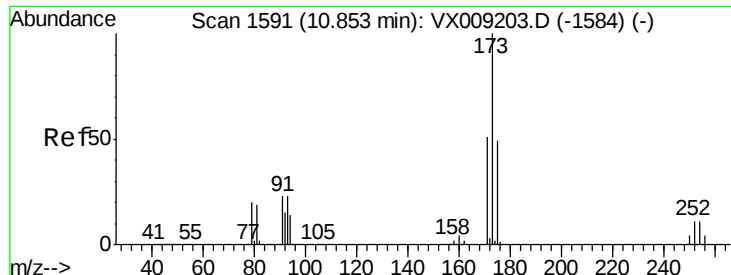


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 17.859 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

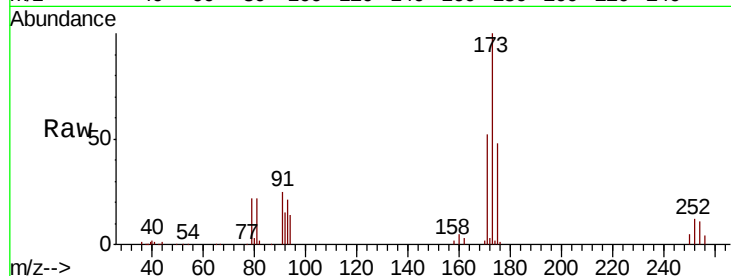
Tot Ion:173 Resp: 24403

Ion Ratio Lower Upper

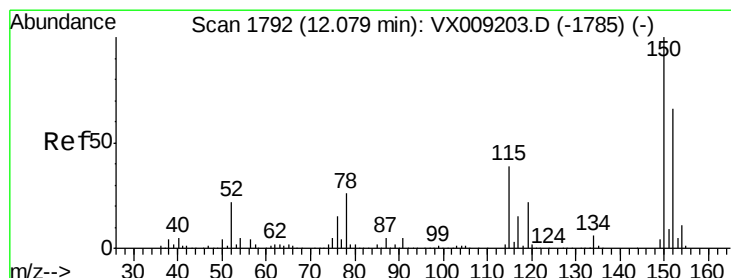
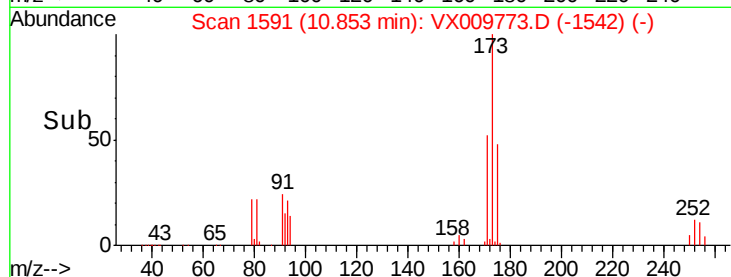
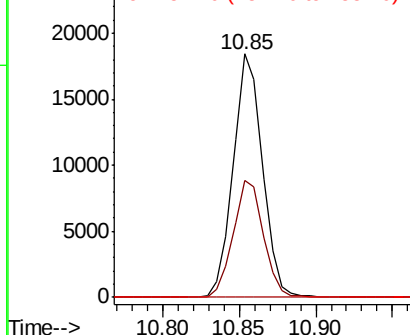
173 100

175 49.5 24.5 73.5

254 0.1 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: VX009773.D

Acq: 22 May 2019 02:17

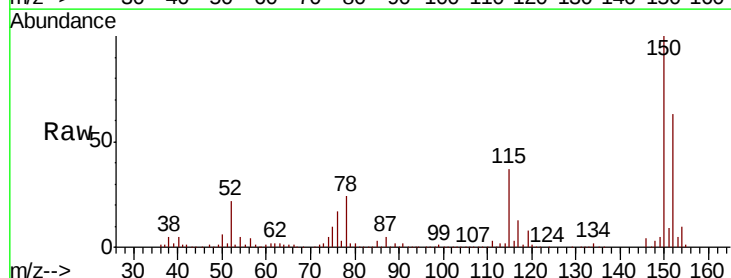
Tgt Ion:152 Resp: 112426

Ion Ratio Lower Upper

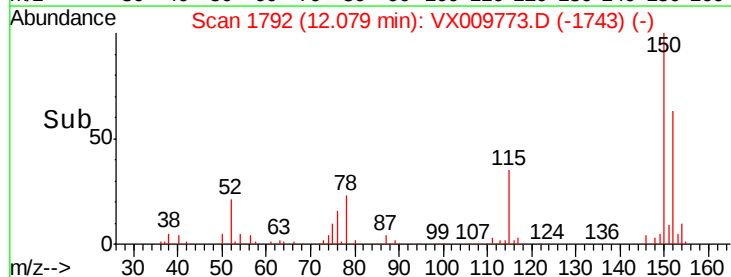
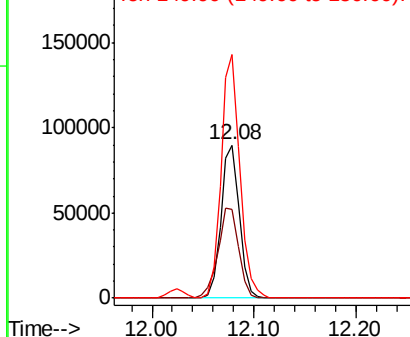
152 100

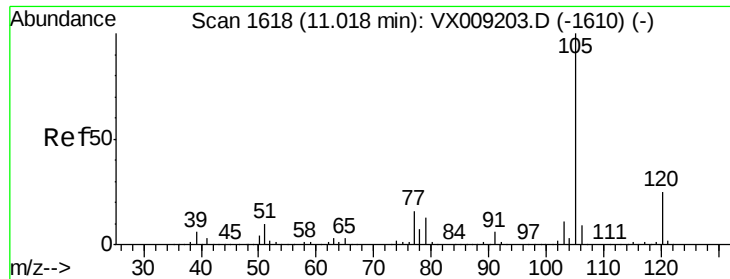
115 67.0 41.2 123.6

150 163.0 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: 19.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

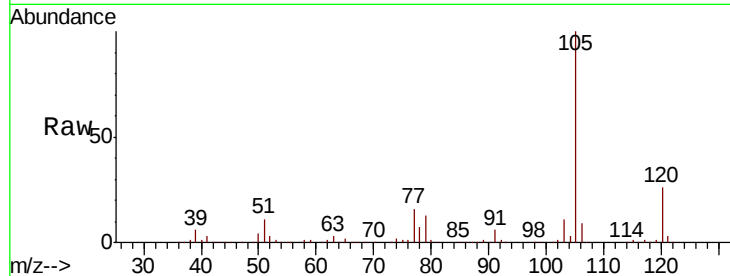
VX0521WBSD04

Tot Ion:105 Resp: 155978

Ion Ratio Lower Upper

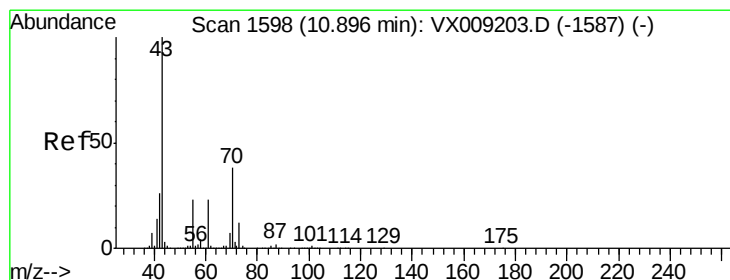
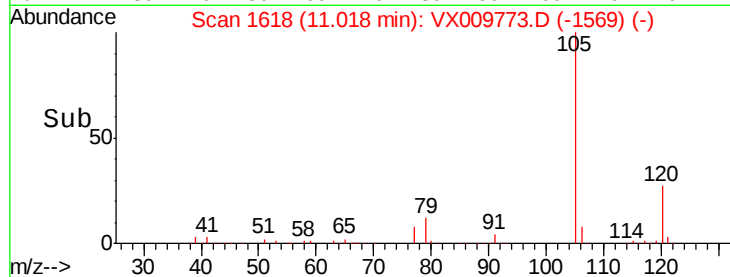
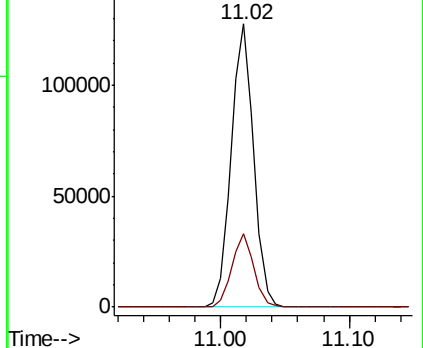
105 100

120 25.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.682 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Tgt Ion: 43 Resp: 93814

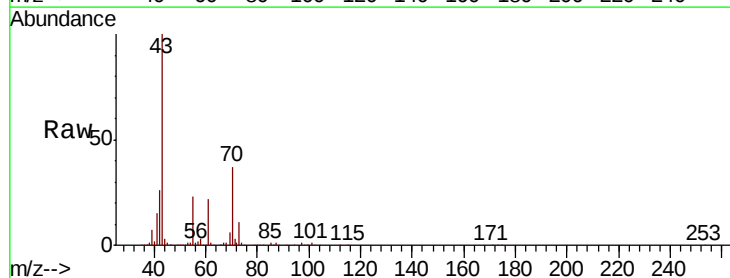
Ion Ratio Lower Upper

43 100

70 35.8 30.0 45.0

55 22.8 17.9 26.9

61 22.0 18.4 27.6

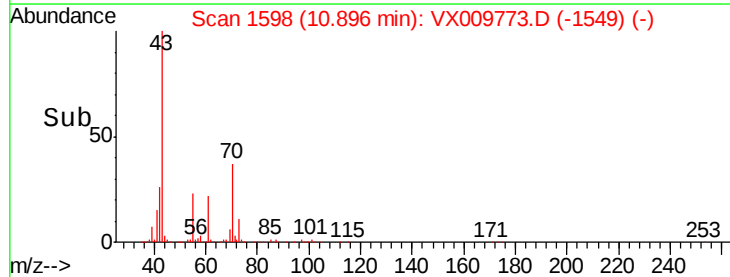
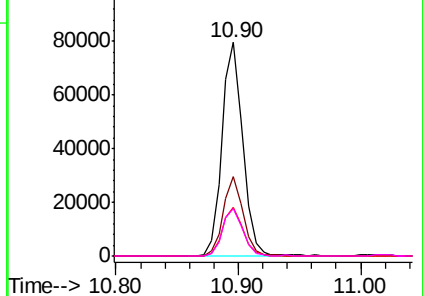


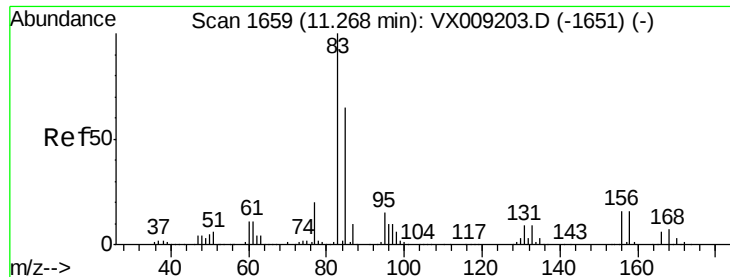
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.876 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

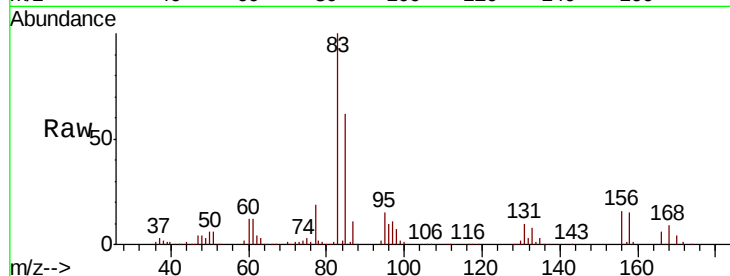
Tot Ion: 83 Resp: 57529

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.6	13.8
85	63.7	32.0	96.2

83 100

131 9.8 4.6 13.8

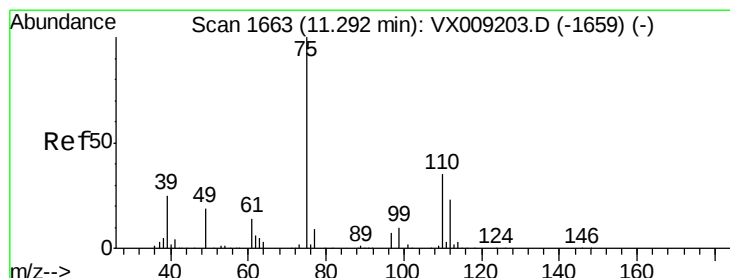
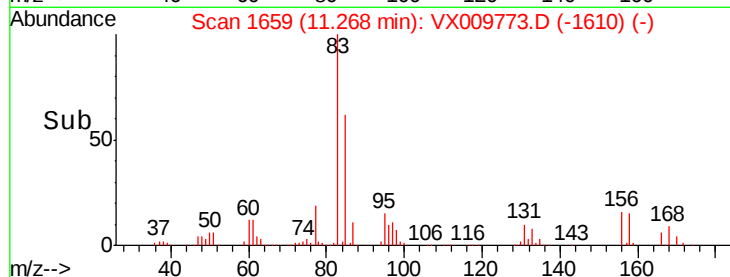
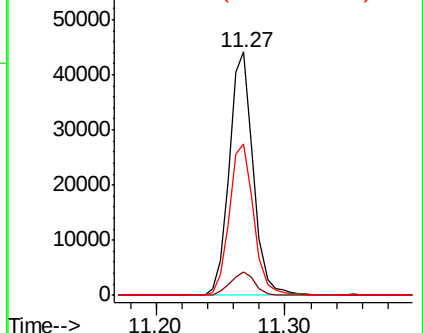
85 63.7 32.0 96.2



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: 24.580 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009773.D

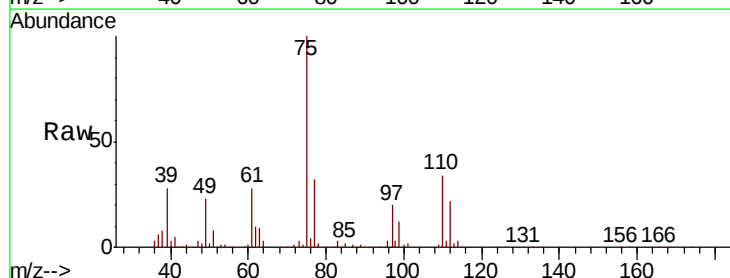
Acq: 22 May 2019 02:17

Tgt Ion: 75 Resp: 64101

Ion	Ratio	Lower	Upper
75	100		
77	33.0	22.1	66.1

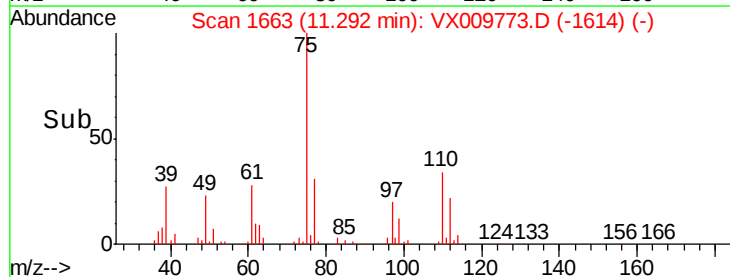
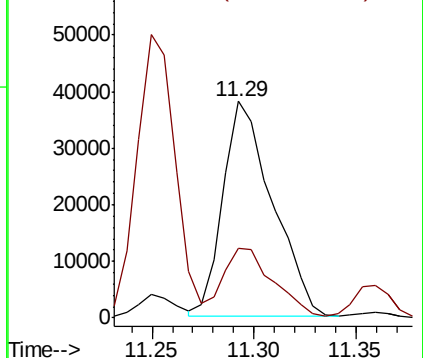
75 100

77 33.0 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: 18.811 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

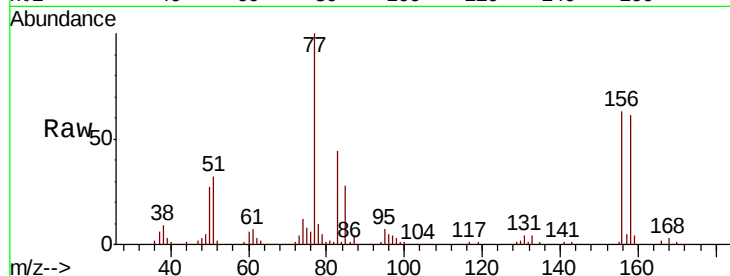
Tot Ion:156 Resp: 38171

Ion Ratio Lower Upper

156 100

77 171.6 84.8 254.3

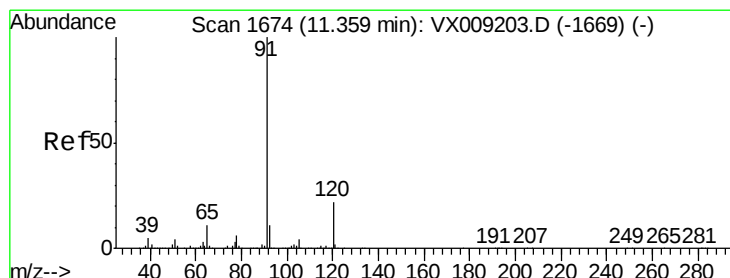
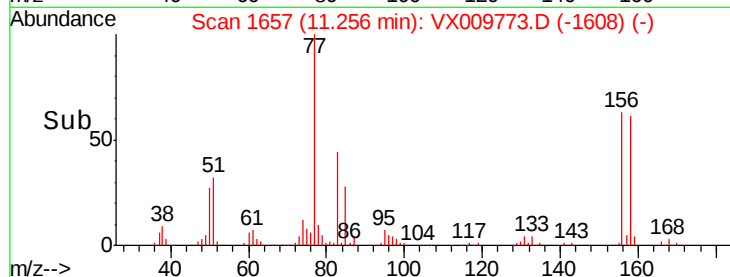
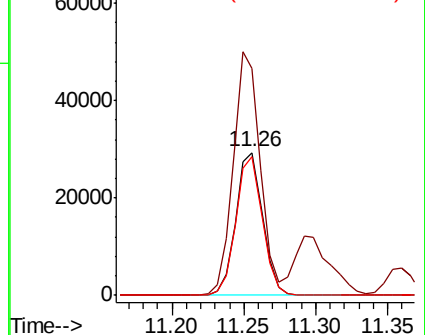
158 96.7 49.1 147.3



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: 18.940 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009773.D

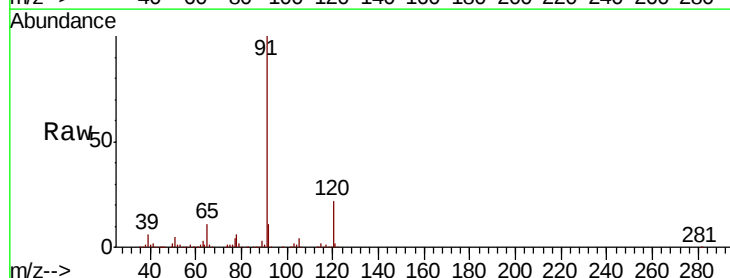
Acq: 22 May 2019 02:17

Tgt Ion: 91 Resp: 176839

Ion Ratio Lower Upper

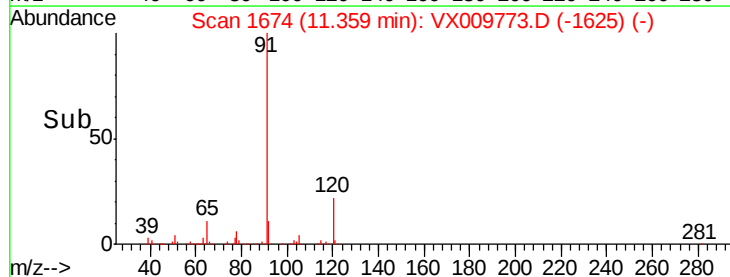
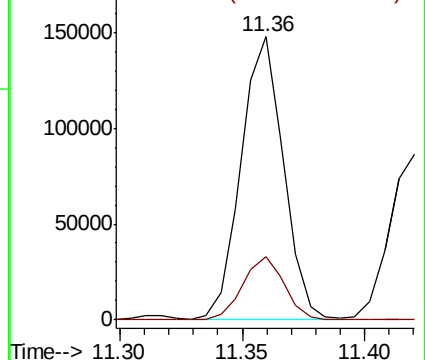
91 100

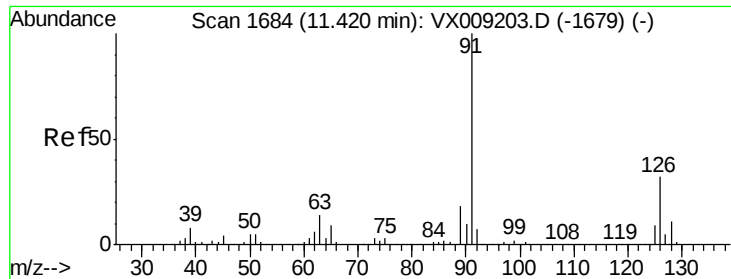
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

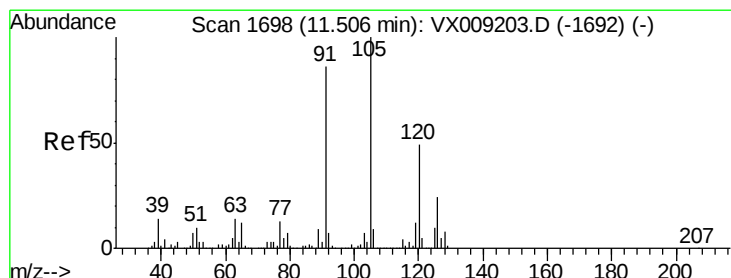
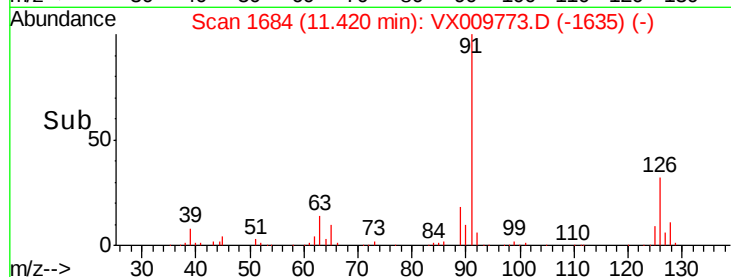
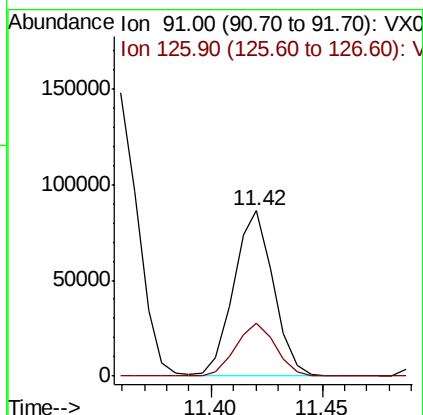
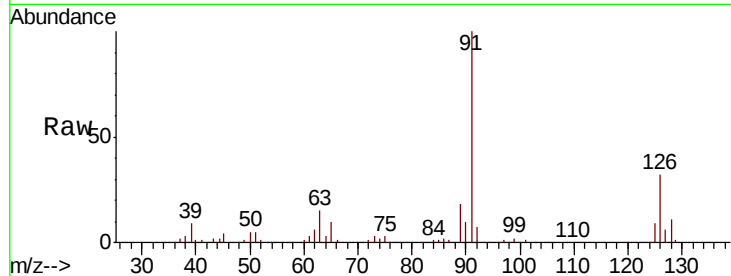




#79
2-Chlorotoluene
Concen: 18.493 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

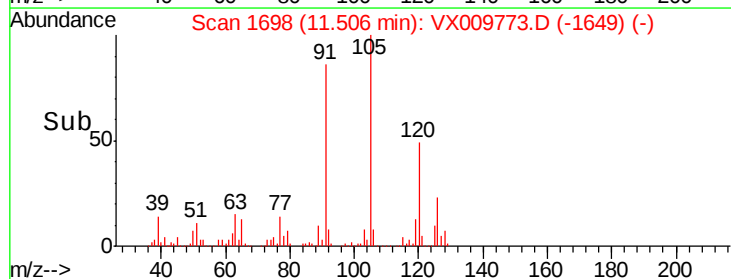
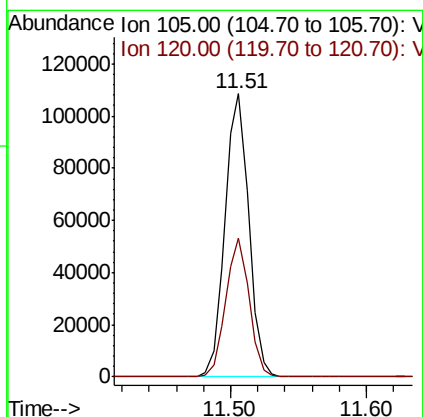
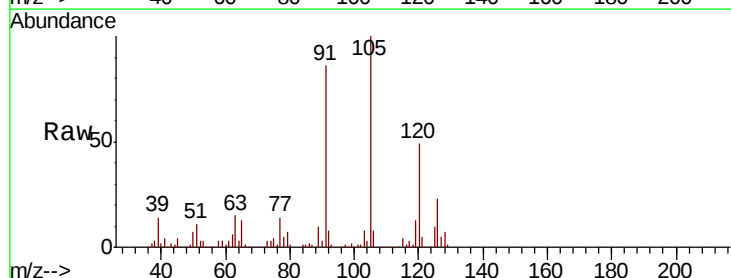
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

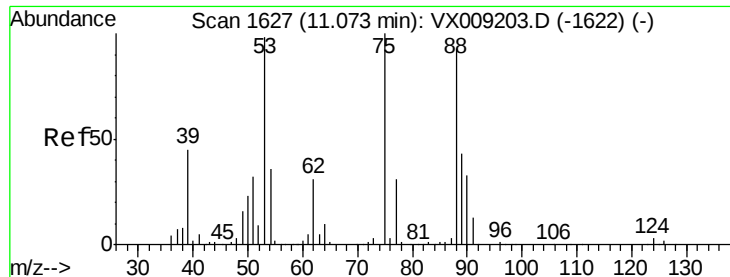
Tot Ion: 91 Resp: 106526
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 19.044 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion:105 Resp: 131092
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 15.782 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBSD04

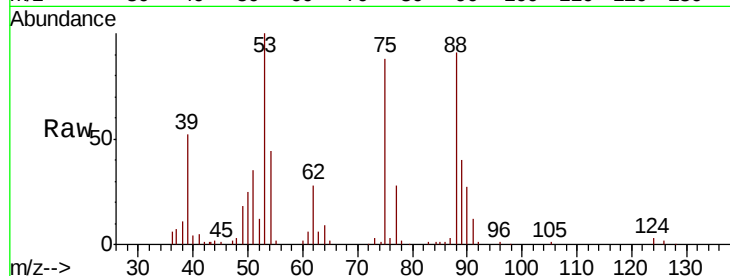
Tot Ion: 75 Resp: 16086

Ion Ratio Lower Upper

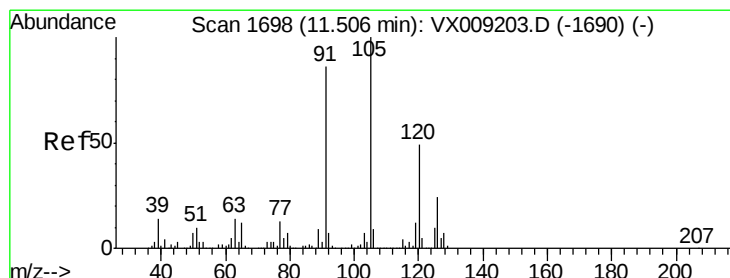
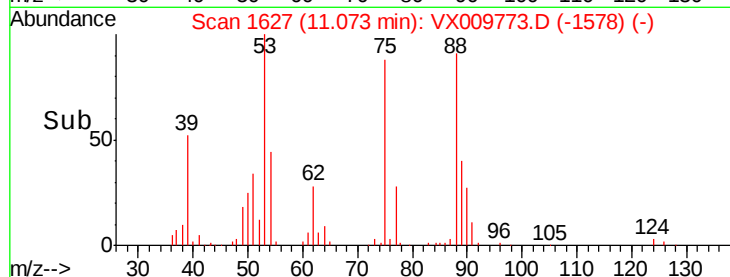
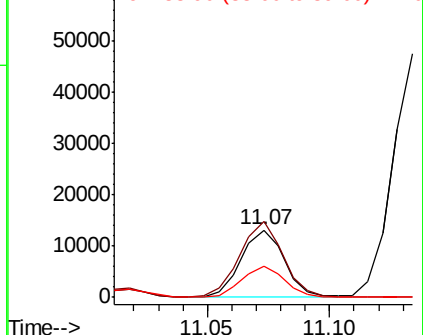
75 100

53 113.3 79.0 118.6

89 46.5 34.7 52.1



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



#82

4-Chlorotoluene

Concen: 18.763 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009773.D

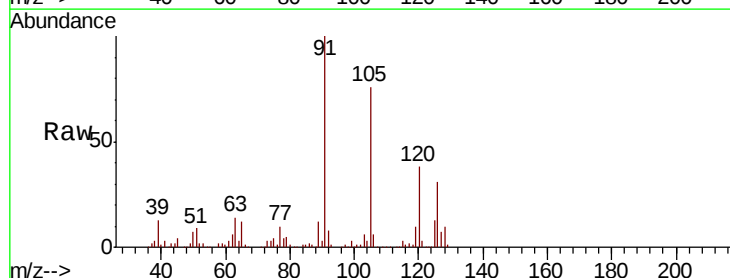
Acq: 22 May 2019 02:17

Tgt Ion: 91 Resp: 122099

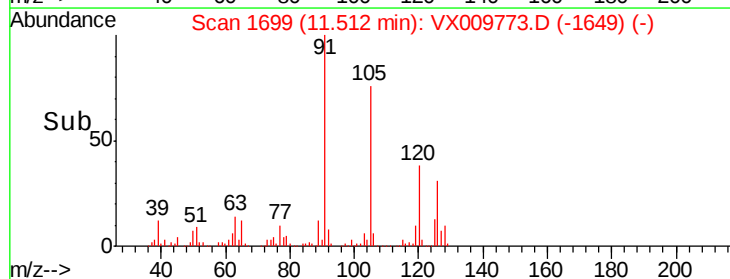
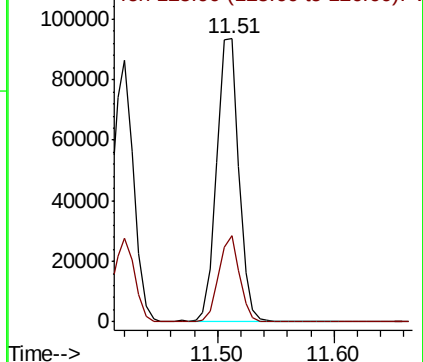
Ion Ratio Lower Upper

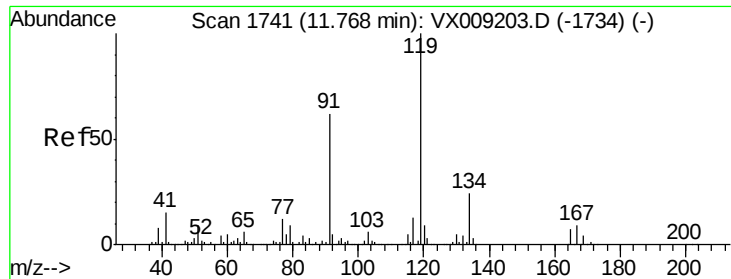
91 100

126 28.5 14.5 43.6



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

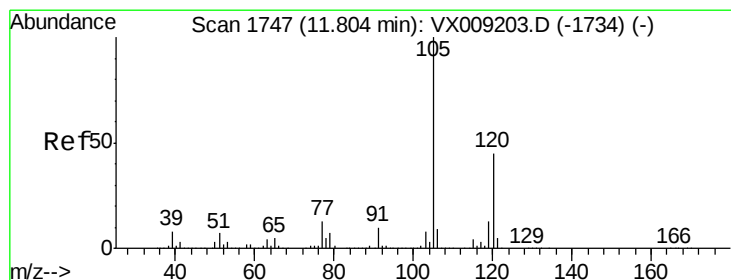
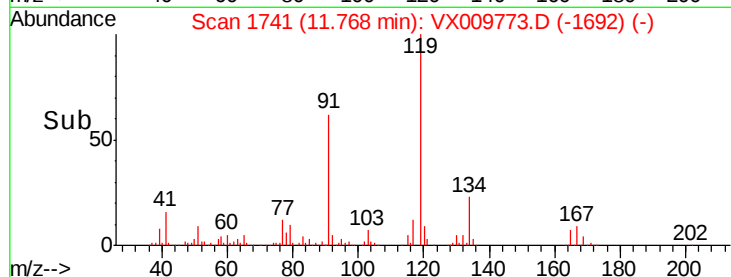
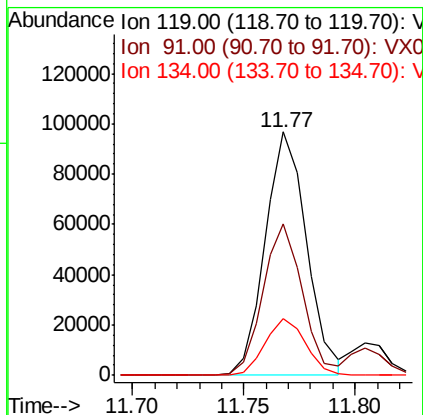
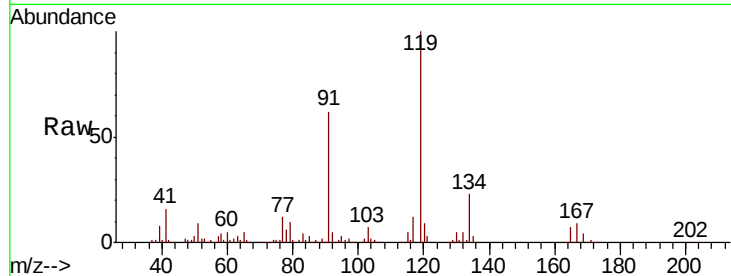




#83
tert-Butylbenzene
Concen: 18.692 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

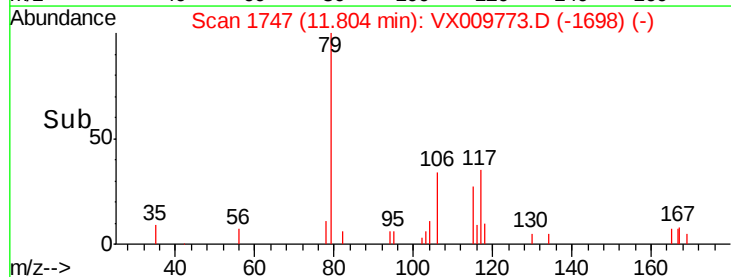
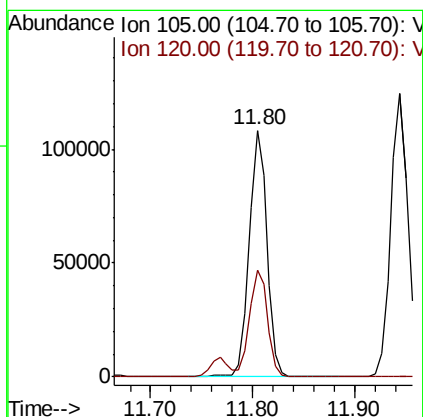
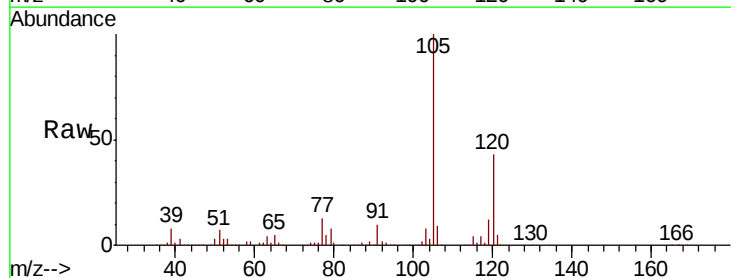
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

Tot Ion:119 Resp: 125174
Ion Ratio Lower Upper
119 100
91 59.6 29.5 88.5
134 22.7 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 19.092 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion:105 Resp: 131918
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.653 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleID :

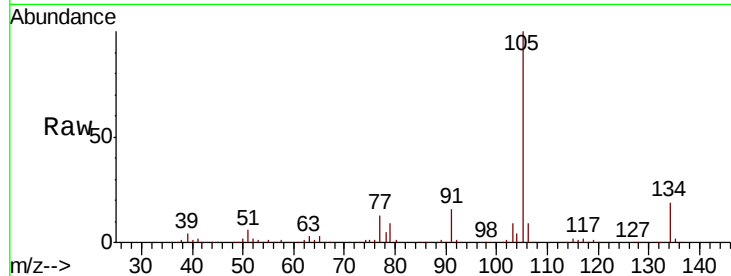
VX0521WBSD04

Tot Ion:105 Resp: 148089

Ion Ratio Lower Upper

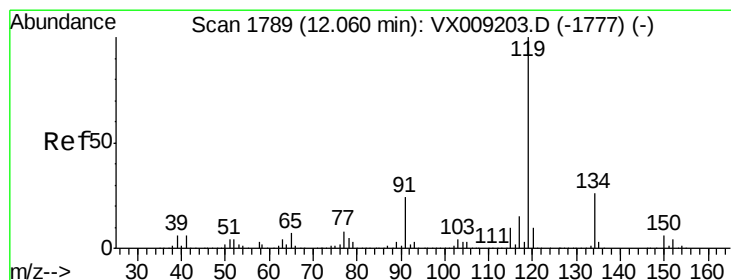
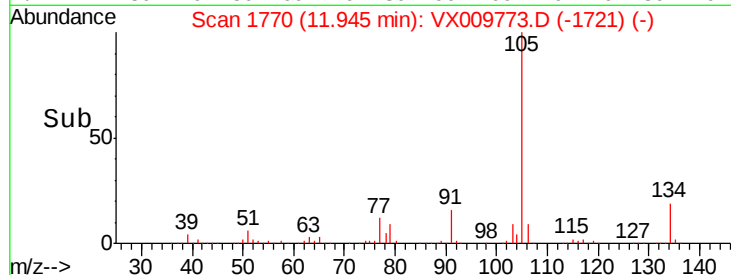
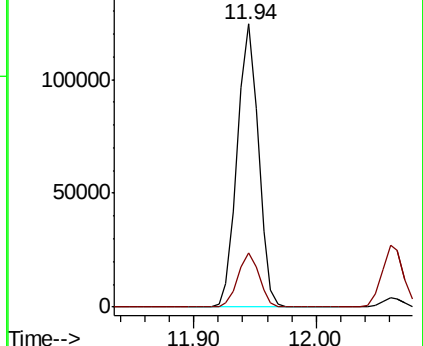
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.731 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

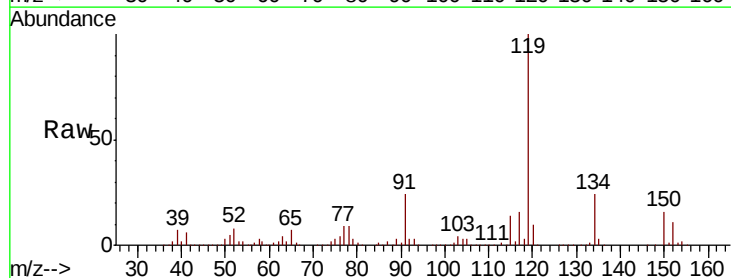
Tgt Ion:119 Resp: 133687

Ion Ratio Lower Upper

119 100

134 25.0 12.9 38.7

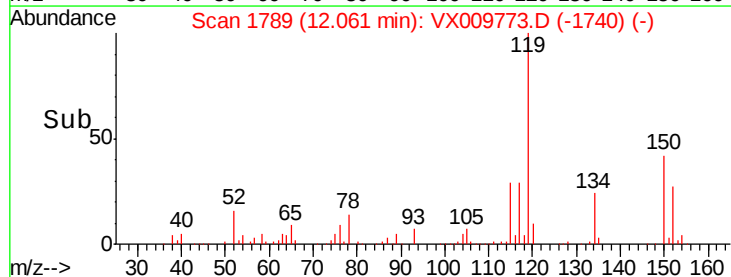
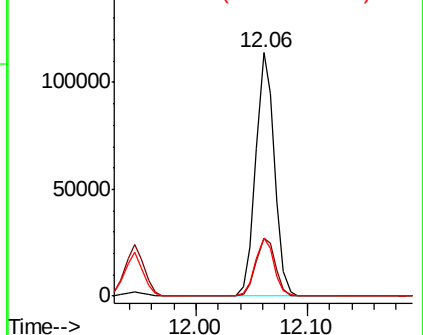
91 24.0 11.8 35.4



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

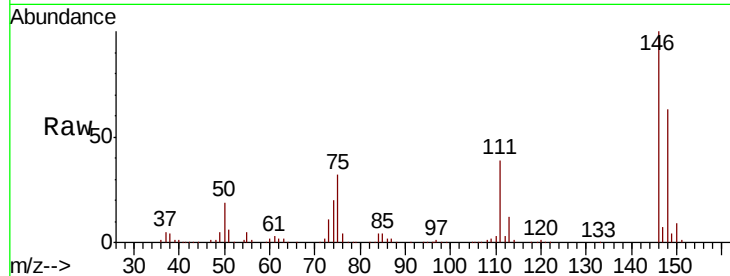




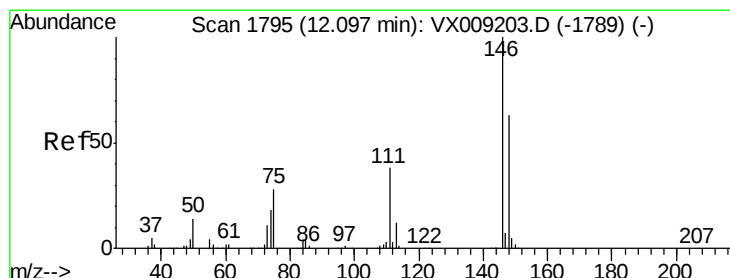
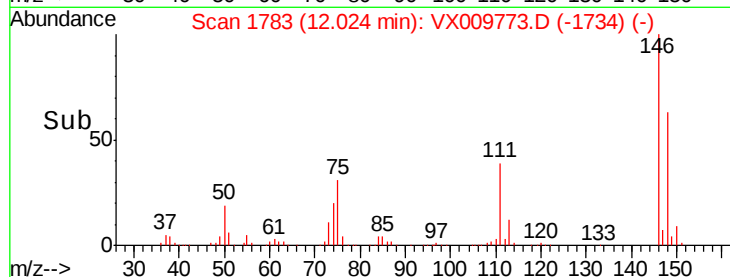
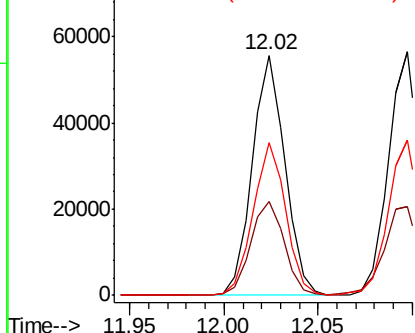
#87
 1,3-Dichlorobenzene
 Concen: 18.480 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

Tot Ion:146 Resp: 66851
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 63.4 31.8 95.3

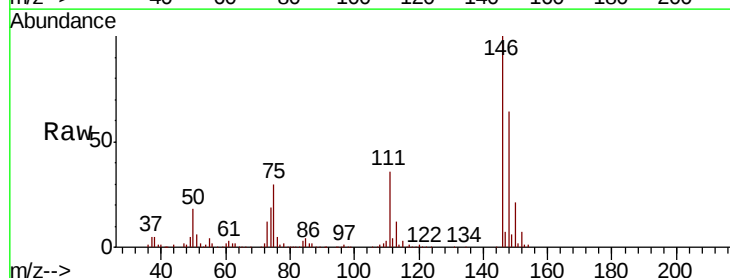


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

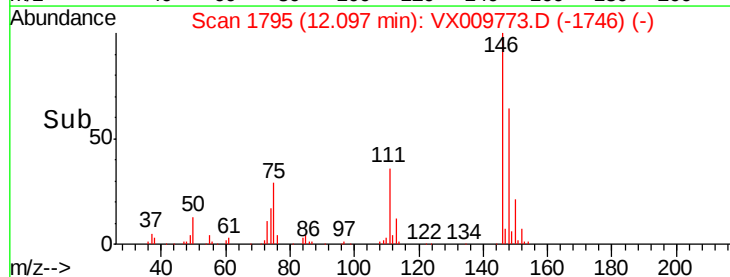
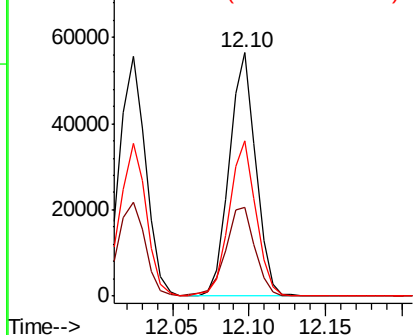


#88
 1,4-Dichlorobenzene
 Concen: 18.587 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion:146 Resp: 67786
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 64.5 31.8 95.3



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





#89

n-Butylbenzene

Concen: 17.986 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009773.D

Acq: 22 May 2019 02:17

Instrument :

MSVOA_X

ClientSampled :

VX0521WBSD04

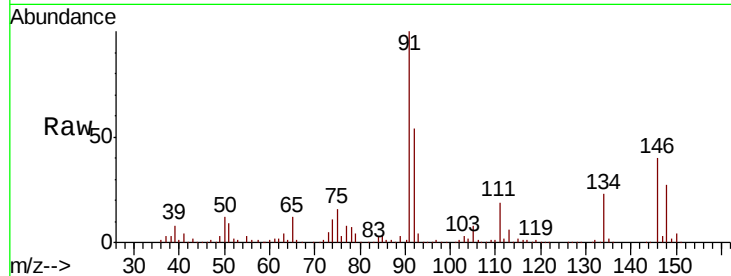
Tot Ion: 91 Resp: 116027

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

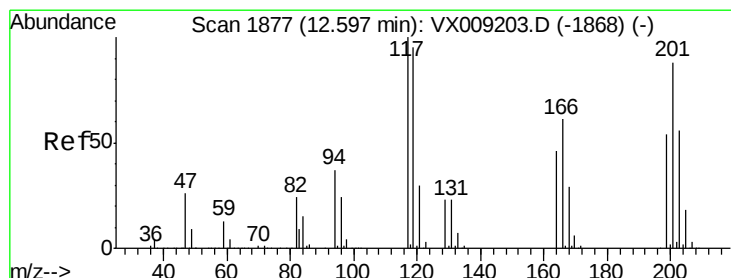
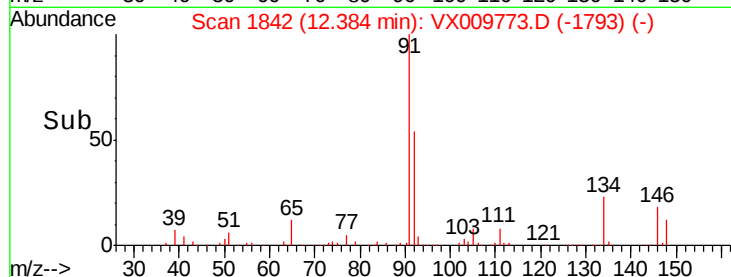
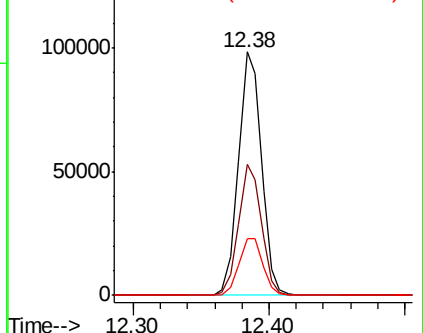
134 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.465 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009773.D

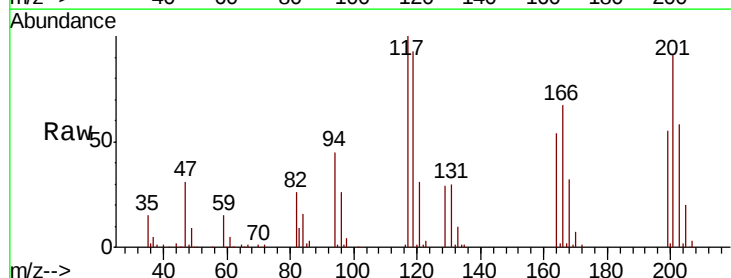
Acq: 22 May 2019 02:17

Tgt Ion: 117 Resp: 22453

Ion Ratio Lower Upper

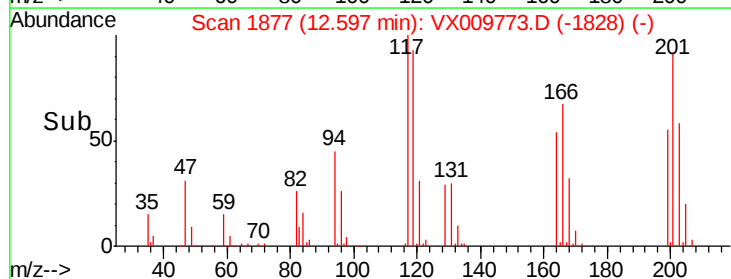
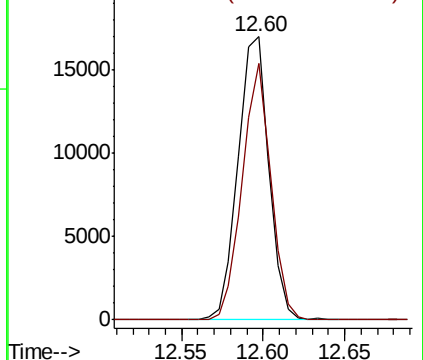
117 100

201 84.3 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

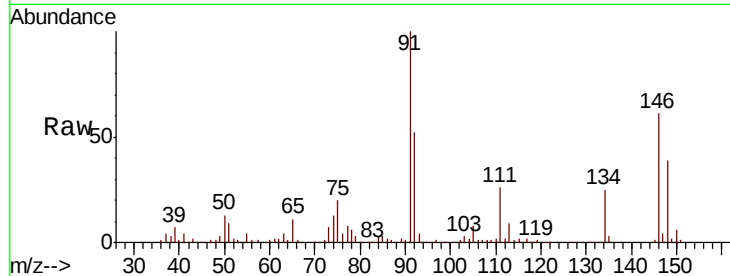




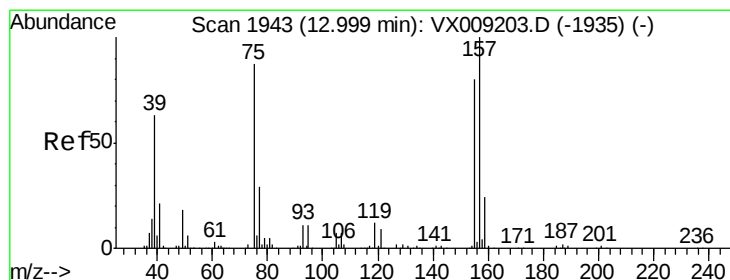
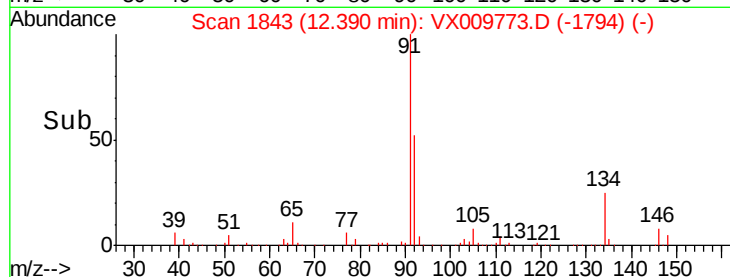
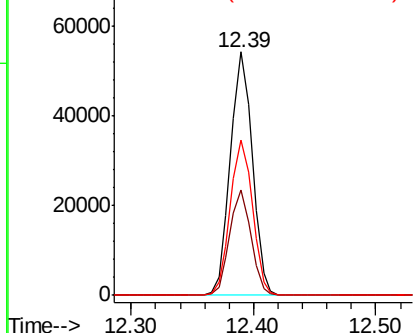
#91
 1,2-Dichlorobenzene
 Concen: 18.384 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

Tot Ion:146 Resp: 67736
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.4
 148 64.4 31.9 95.9

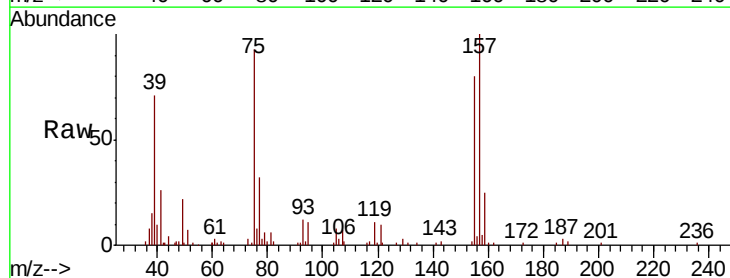


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

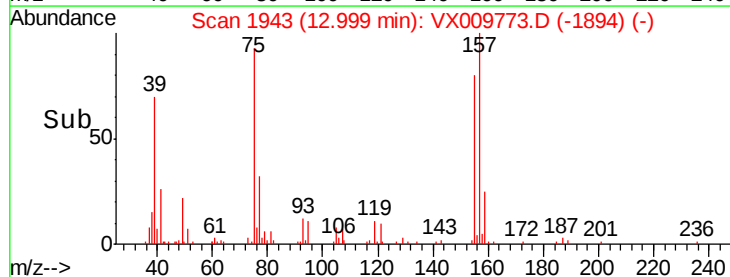
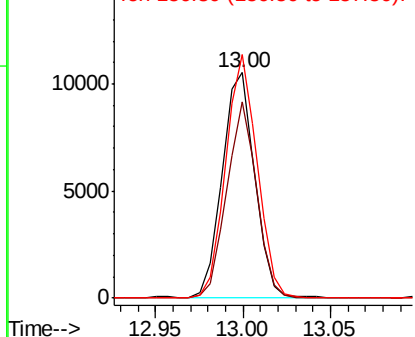


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.945 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion: 75 Resp: 13636
 Ion Ratio Lower Upper
 75 100
 155 79.7 42.0 126.0
 157 103.7 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

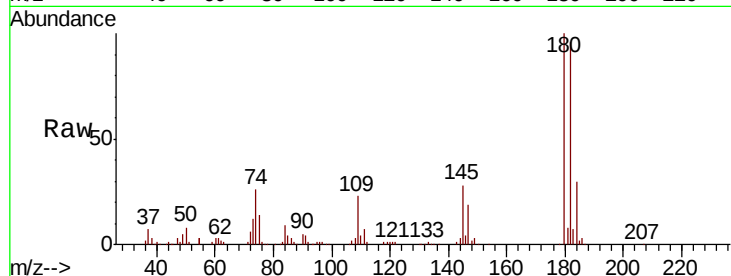




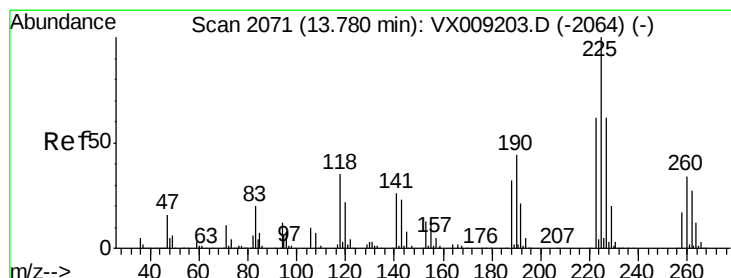
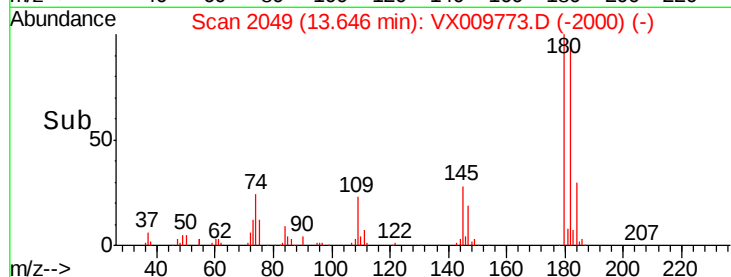
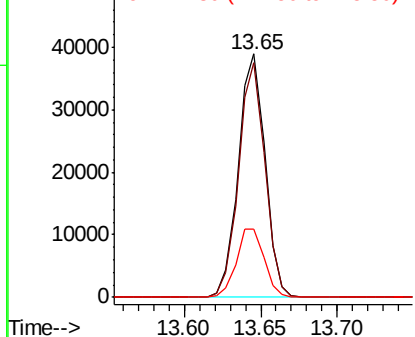
#93
 1,2,4-Trichlorobenzene
 Concen: 18.722 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD04

Tot Ion:180 Resp: 47172
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.4 145.2
 145 29.2 14.6 43.8

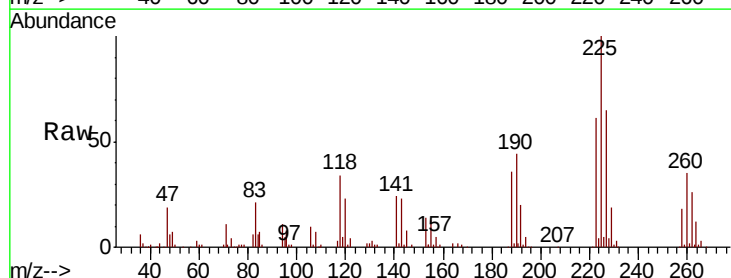


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

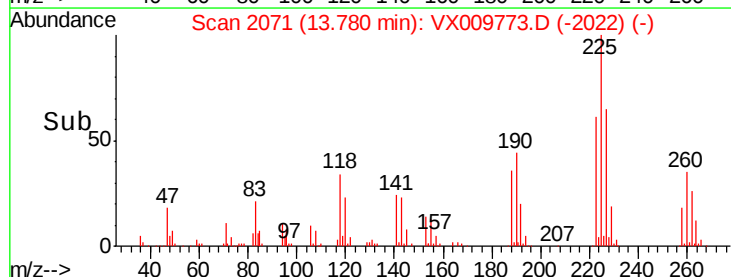
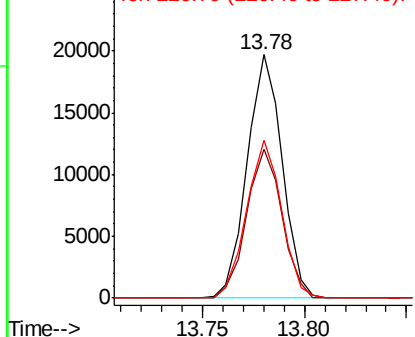


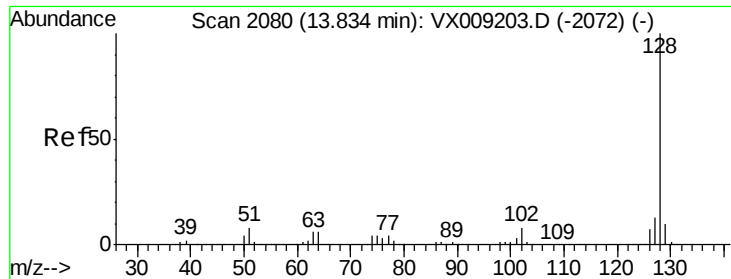
#94
 Hexachlorobutadiene
 Concen: 18.265 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009773.D
 Acq: 22 May 2019 02:17

Tgt Ion:225 Resp: 23501
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 65.1 31.8 95.3



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

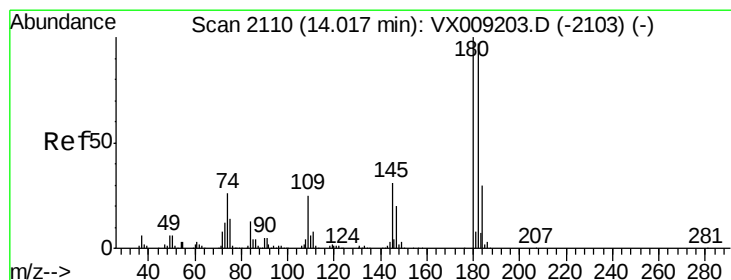
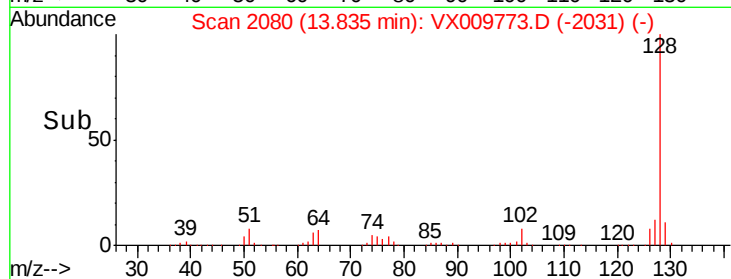
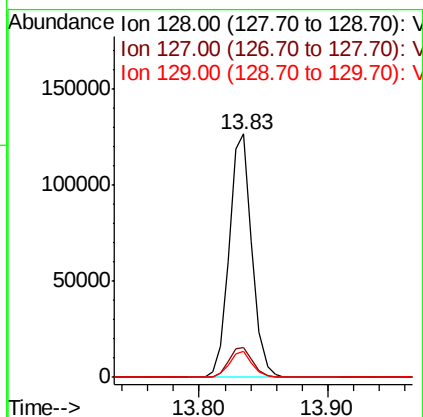
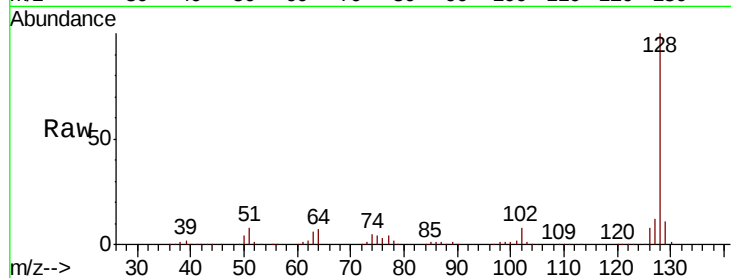




#95
Naphthalene
Concen: 19.071 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD04

Tot Ion:128 Resp: 156329
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.050 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009773.D
Acq: 22 May 2019 02:17

Tgt Ion:180 Resp: 48653
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 30.3 15.4 46.4

