

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009629.D
 Acq On : 17 May 2019 00:33
 Operator : JC/SP
 Sample : VX0516WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

Quant Time: May 17 06:43:18 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	157799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109447	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	80868	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	318034	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	117710	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25053	17.229	ug/l	99
3) Chloromethane	1.32	50	39519	19.906	ug/l	99
4) Vinyl Chloride	1.41	62	38615	19.947	ug/l	99
5) Bromomethane	1.64	94	23989	20.645	ug/l	96
6) Chloroethane	1.72	64	25258	20.322	ug/l	98
7) Trichlorofluoromethane	1.93	101	48665	20.680	ug/l	99
8) Diethyl Ether	2.19	74	23276	20.882	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29489	19.956	ug/l	99
10) Methyl Iodide	2.51	142	33536	22.332	ug/l	99
11) Tert butyl alcohol	3.05	59	57974	116.266	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30304	20.467	ug/l	96
13) Acrolein	2.29	56	25577	56.639	ug/l	99
14) Allyl chloride	2.73	41	70783	19.617	ug/l	98
15) Acrylonitrile	3.14	53	135625	111.242	ug/l	99
16) Acetone	2.45	43	121074	104.673	ug/l	97
17) Carbon Disulfide	2.57	76	78590	18.906	ug/l	100
18) Methyl Acetate	2.78	43	62391	22.681	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	122543	21.313	ug/l	99
20) Methylene Chloride	2.85	84	38548	20.583	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32335	20.137	ug/l	98
22) Diisopropyl ether	3.85	45	149248	21.508	ug/l	92
23) Vinyl Acetate	3.81	43	651414	109.628	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71668	20.936	ug/l	99
25) 2-Butanone	4.67	43	200636	111.622	ug/l	98
26) 2,2-Dichloropropane	4.58	77	36568	14.352	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	39492	20.605	ug/l	97
28) Bromochloromethane	5.02	49	28154	18.716	ug/l	99
29) Tetrahydrofuran	5.13	42	133618	115.521	ug/l	99
30) Chloroform	5.21	83	66946	21.623	ug/l	95
31) Cyclohexane	5.58	56	65187	20.468	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	53572	20.786	ug/l	99
36) 1,1-Dichloropropene	5.81	75	48356	19.944	ug/l	99
37) Ethyl Acetate	4.84	43	74367	22.014	ug/l	98
38) Carbon Tetrachloride	5.79	117	44698	20.290	ug/l	98

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 VX0516WBS02

Quant Time: May 17 06:43:18 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	56099	18.840	ug/l	99
40) Benzene	6.14	78	152893	20.375	ug/l	100
41) Methacrylonitrile	5.04	41	41463	20.619	ug/l	98
42) 1,2-Dichloroethane	6.20	62	57719	21.443	ug/l	100
43) Isopropyl Acetate	6.45	43	115475	21.370	ug/l	99
44) Trichloroethene	7.21	130	35981	19.835	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43669	20.552	ug/l	100
46) Dibromomethane	7.66	93	25075	20.322	ug/l	98
47) Bromodichloromethane	7.90	83	50588	20.554	ug/l	100
48) Methyl methacrylate	7.77	41	57960	21.620	ug/l	99
49) 1,4-Dioxane	7.74	88	24176	444.674	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	393330	111.364	ug/l	100
52) Toluene	8.79	92	94674	20.756	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53566	19.277	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59882	19.469	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	38497	20.687	ug/l	96
56) Ethyl methacrylate	9.18	69	68949	20.756	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68453	20.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	160201	90.909	ug/l	99
59) 2-Hexanone	9.49	43	307328	110.791	ug/l	98
60) Dibromochloromethane	9.58	129	37119	20.423	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39041	20.784	ug/l	99
64) Tetrachloroethene	9.34	164	33915	20.974	ug/l	97
65) Chlorobenzene	10.13	112	96691	20.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34936	20.434	ug/l	99
67) Ethyl Benzene	10.25	91	178278	20.542	ug/l	99
68) m/p-Xylenes	10.36	106	130806	41.244	ug/l	99
69) o-Xylene	10.69	106	64623	20.652	ug/l	100
70) Styrene	10.71	104	112016	20.596	ug/l	98
71) Bromoform	10.85	173	28149	20.260	ug/l #	100
73) Isopropylbenzene	11.02	105	173106	20.249	ug/l	99
74) N-amyl acetate	10.90	43	104842	21.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65168	20.449	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	72656	26.644	ug/l	82
77) Bromobenzene	11.26	156	42765	20.155	ug/l	99
78) n-propylbenzene	11.36	91	193391	19.809	ug/l	100
79) 2-Chlorotoluene	11.42	91	118652	19.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	145556	20.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18084	16.968	ug/l	91
82) 4-Chlorotoluene	11.51	91	134883	19.822	ug/l	100
83) tert-Butylbenzene	11.77	119	137990	19.707	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	145194	20.096	ug/l	99
85) sec-Butylbenzene	11.94	105	163564	19.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	147354	19.744	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75827	20.047	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75425	19.779	ug/l	99
89) n-Butylbenzene	12.38	91	128663	19.074	ug/l	100
90) Hexachloroethane	12.59	117	24261	19.081	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	78874	20.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15687	21.943	ug/l	98

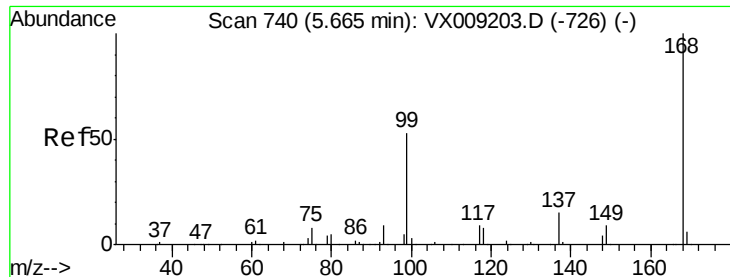
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51762	19.647	ug/l	99
94) Hexachlorobutadiene	13.78	225	26507	19.702	ug/l	99
95) Naphthalene	13.83	128	179859	20.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54534	20.420	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: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

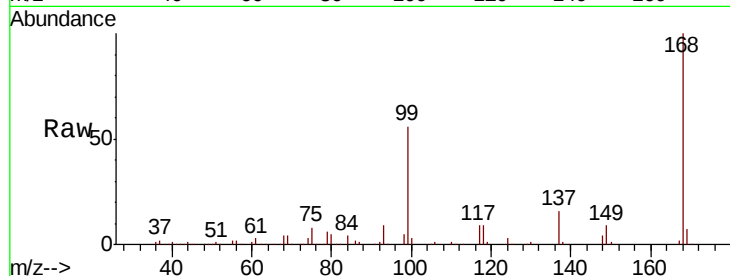
VX0516WBS02

Tot Ion:168 Resp: 157799

Ion Ratio Lower Upper

168 100

99 56.4 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

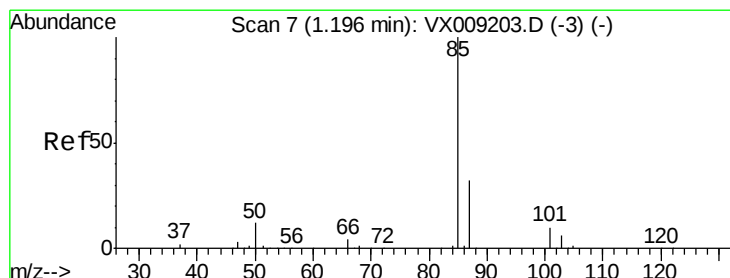
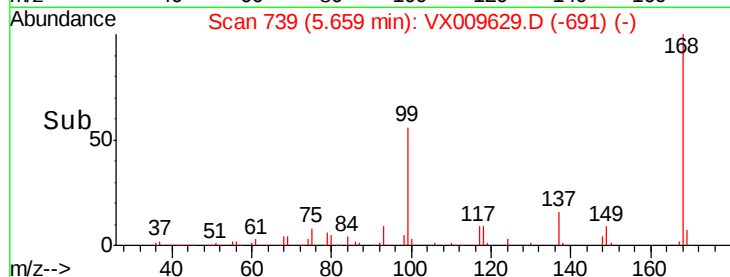
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.229 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009629.D

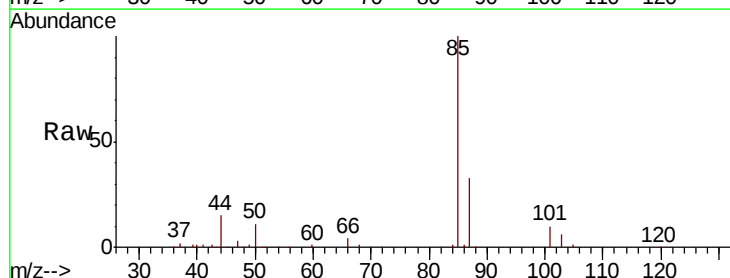
Acq: 17 May 2019 00:33

Tgt Ion: 85 Resp: 25053

Ion Ratio Lower Upper

85 100

87 32.7 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

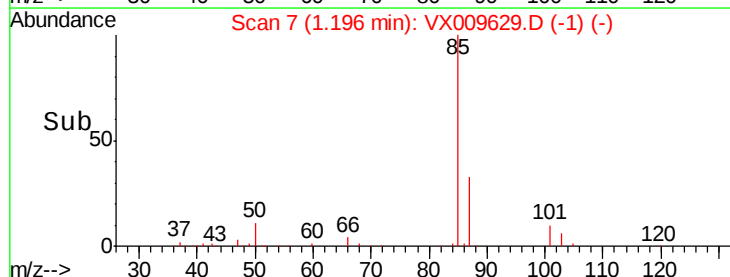
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.906 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

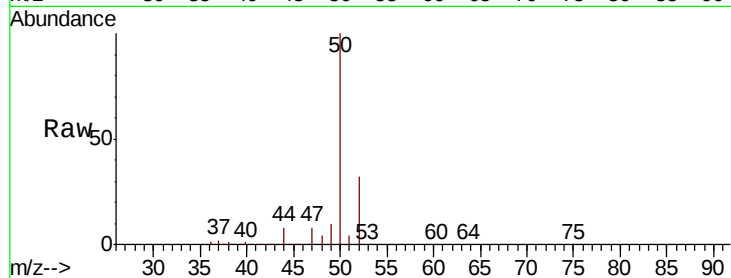
VX0516WBS02

Tot Ion: 50 Resp: 39519

Ion Ratio Lower Upper

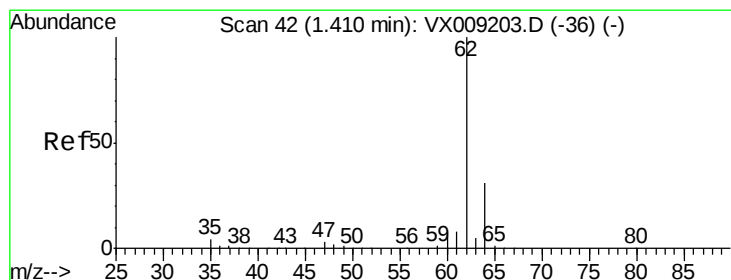
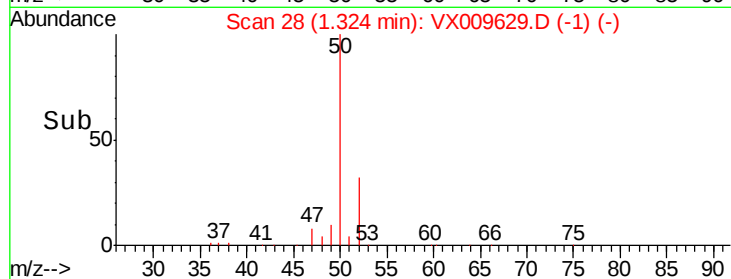
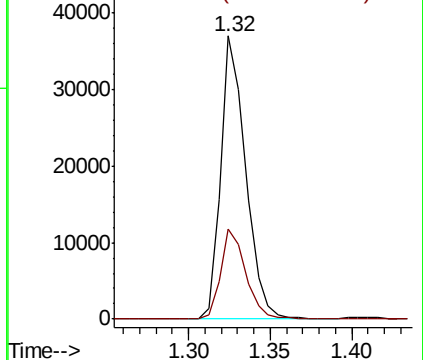
50 100

52 31.7 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: 19.947 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009629.D

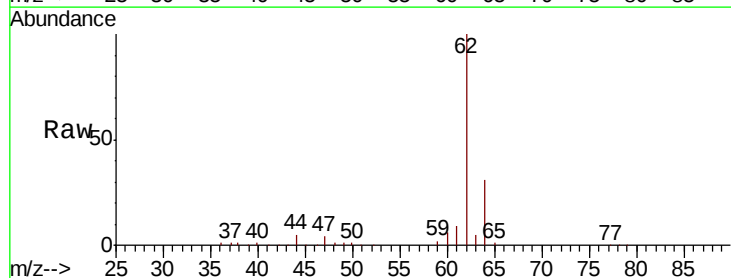
Acq: 17 May 2019 00:33

Tgt Ion: 62 Resp: 38615

Ion Ratio Lower Upper

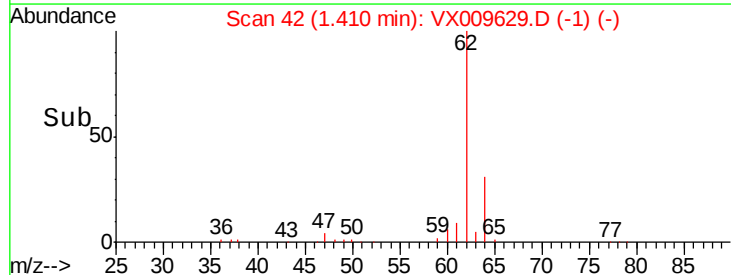
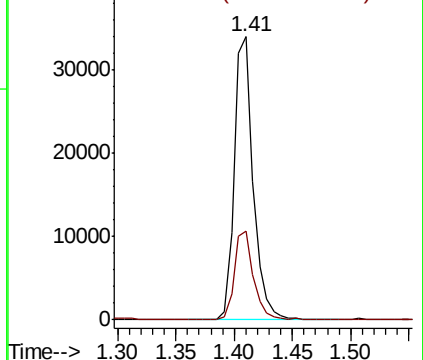
62 100

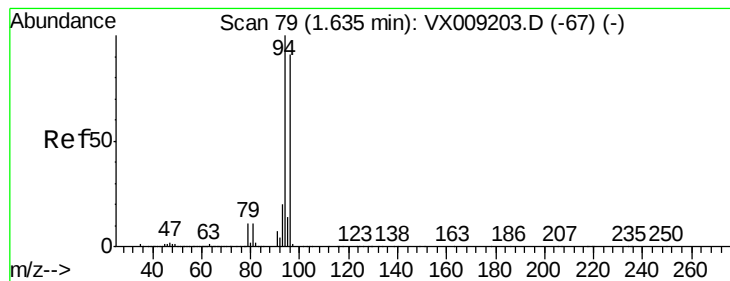
64 31.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.645 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

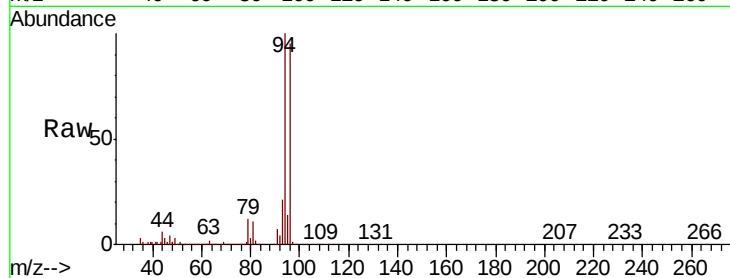
VX0516WBS02

Tot Ion: 94 Resp: 23989

Ion Ratio Lower Upper

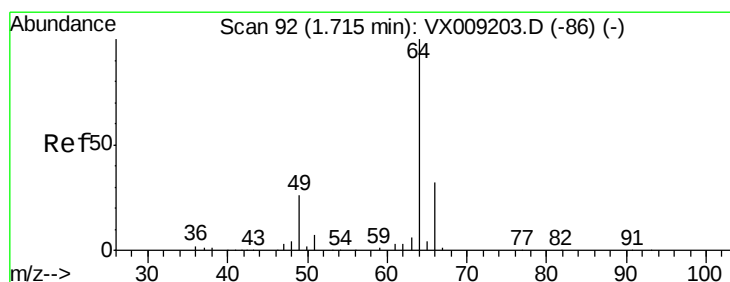
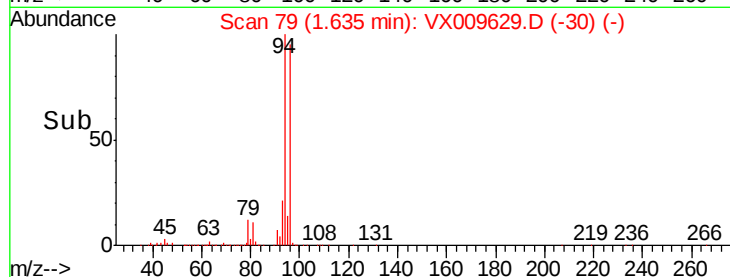
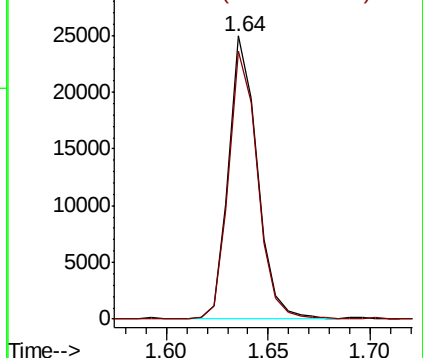
94 100

96 94.8 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: 20.322 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009629.D

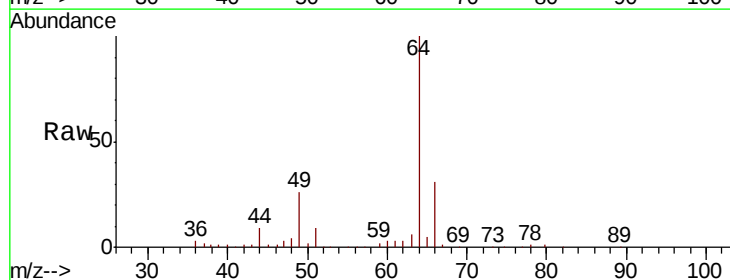
Acq: 17 May 2019 00:33

Tgt Ion: 64 Resp: 25258

Ion Ratio Lower Upper

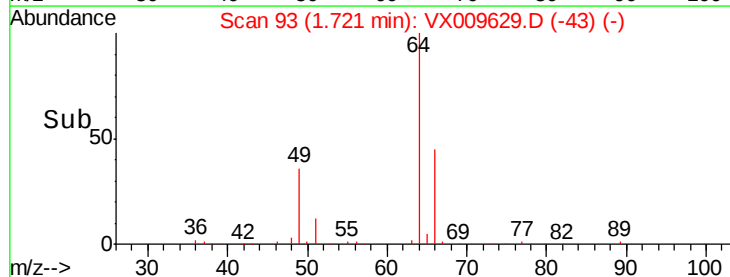
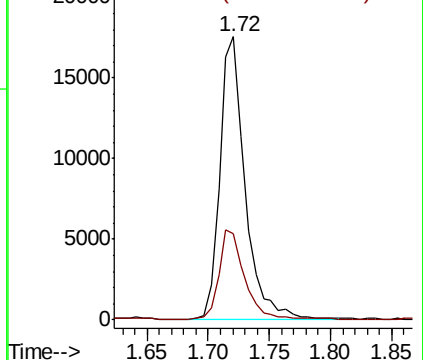
64 100

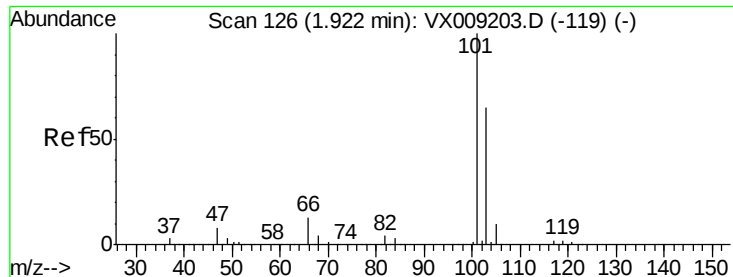
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



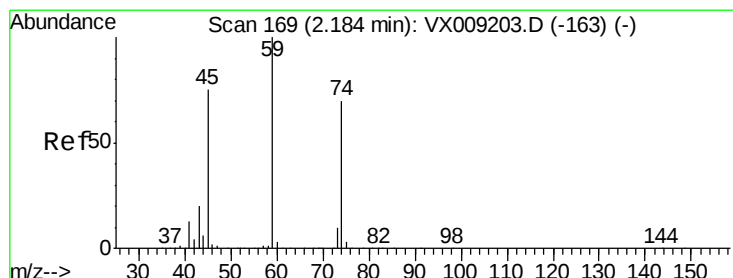
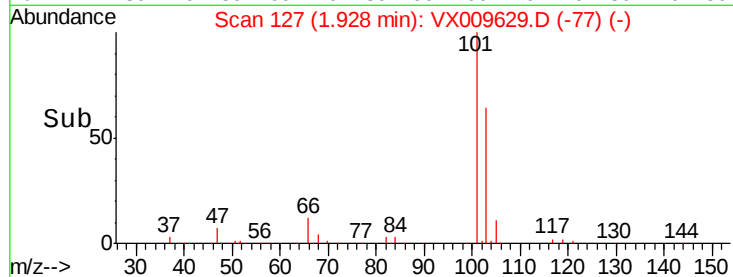
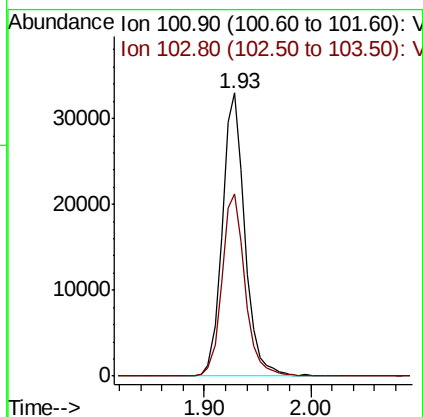
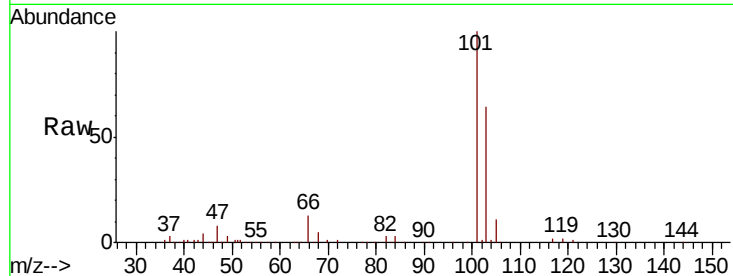


#7

Trichlorofluoromethane
 Concen: 20.680 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

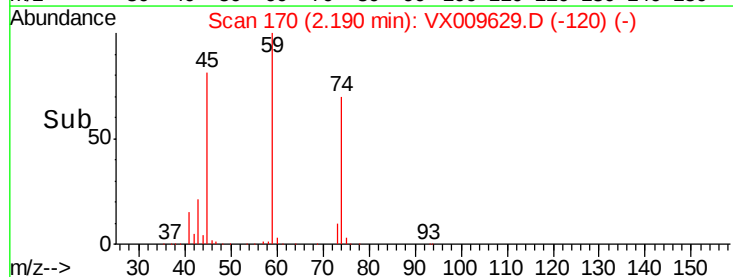
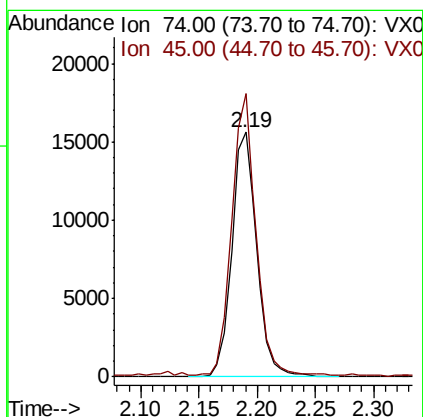
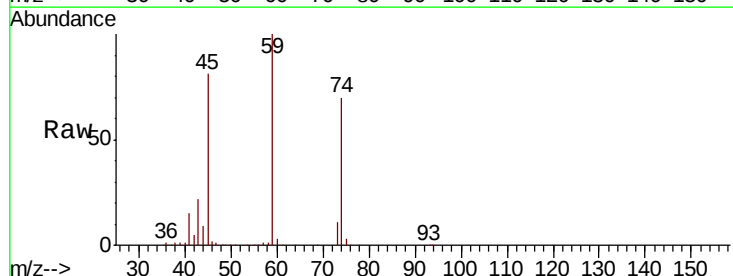
Tot Ion:101 Resp: 48665
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6



#8

Diethyl Ether
 Concen: 20.882 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion: 74 Resp: 23276
 Ion Ratio Lower Upper
 74 100
 45 109.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.956 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

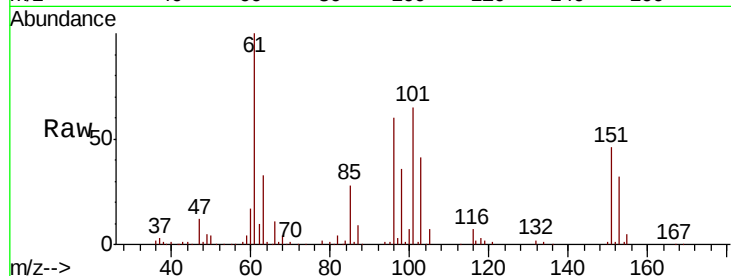
Tot Ion:101 Resp: 29489

Ion Ratio Lower Upper

101 100

85 43.9 35.7 53.5

151 78.2 62.2 93.2

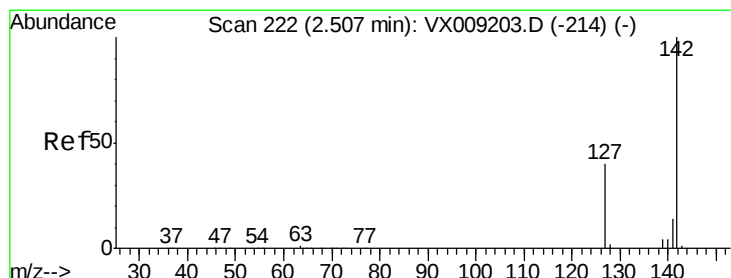
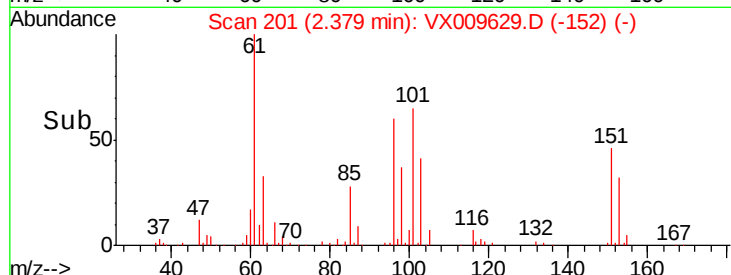
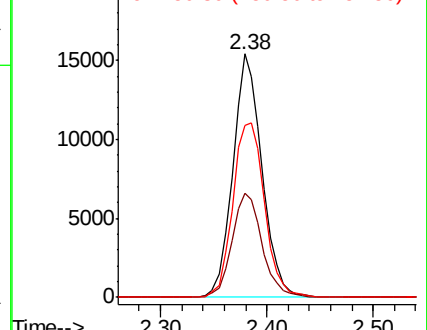


Abundance

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: 22.332 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

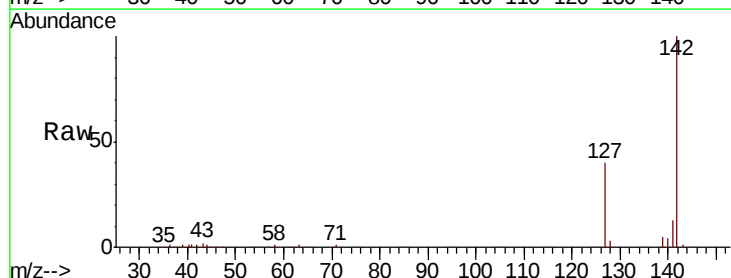
Tgt Ion:142 Resp: 33536

Ion Ratio Lower Upper

142 100

127 42.0 32.7 49.1

141 14.6 11.5 17.3

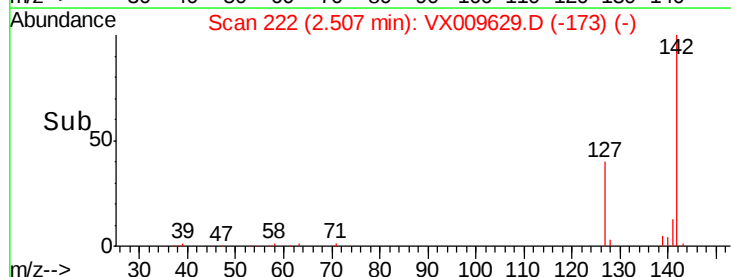
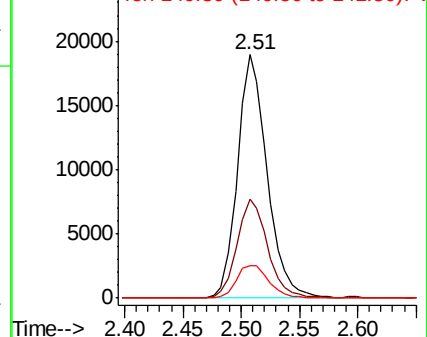


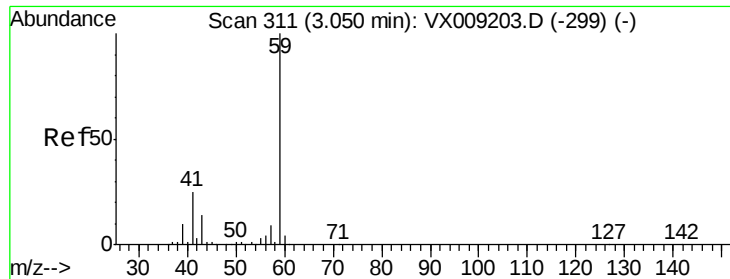
Abundance

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



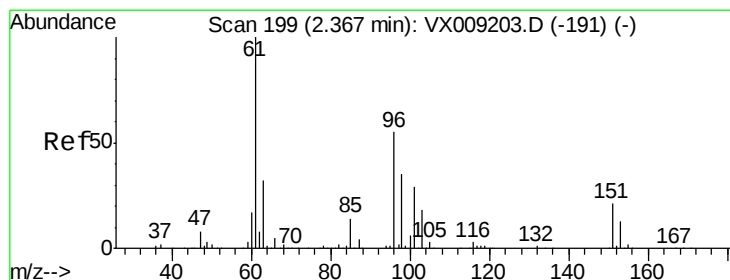
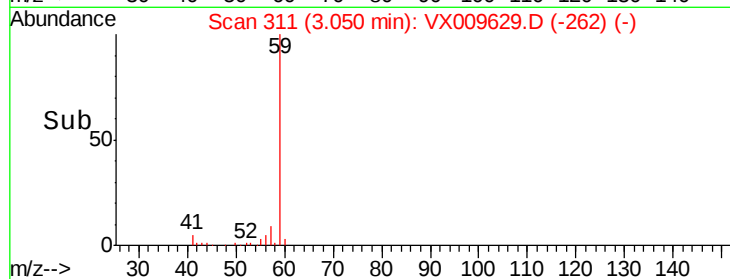
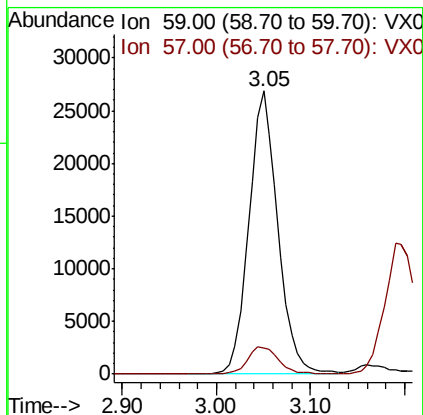
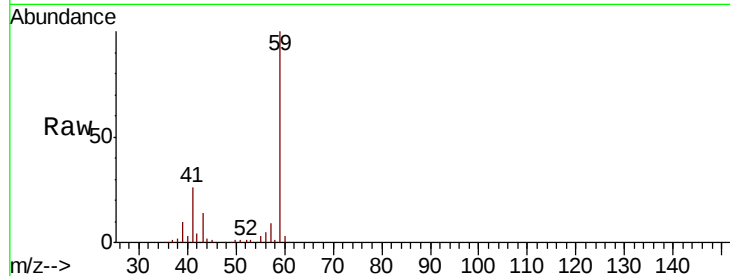


#11

Tert butyl alcohol
 Concen: 116.266 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

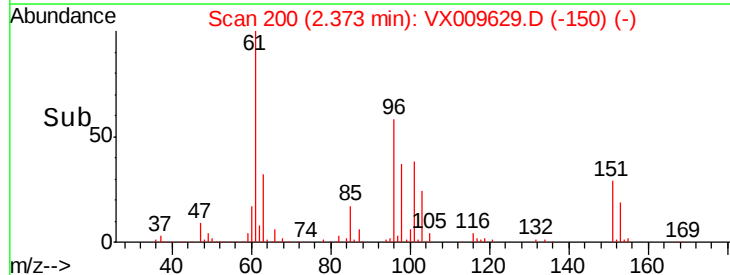
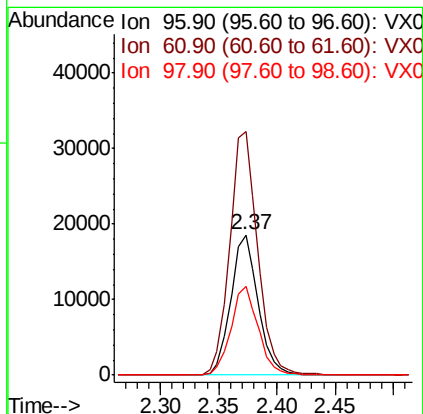
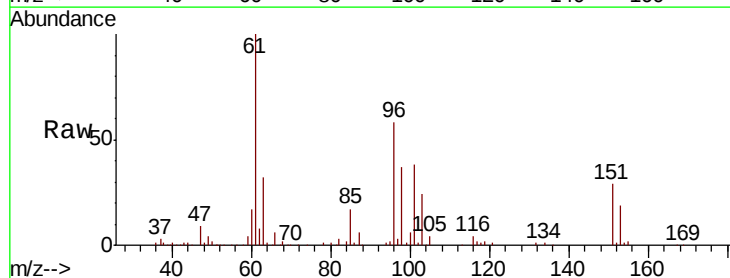
Tot Ion: 59 Resp: 57974
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

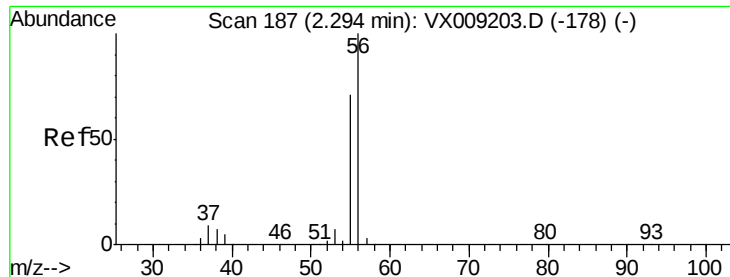


#12

1,1-Dichloroethene
 Concen: 20.467 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion: 96 Resp: 30304
 Ion Ratio Lower Upper
 96 100
 61 173.3 144.3 216.5
 98 63.3 50.3 75.5





#13

Acrolein

Concen: 56.639 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

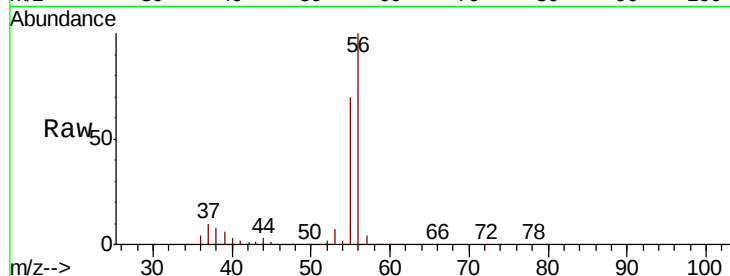
VX0516WBS02

Tot Ion: 56 Resp: 25577

Ion Ratio Lower Upper

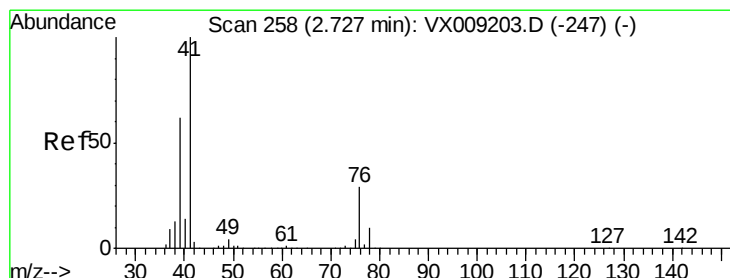
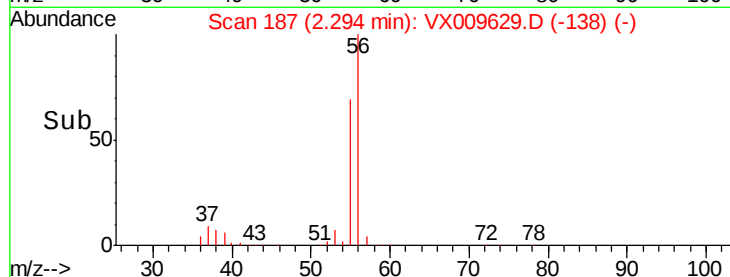
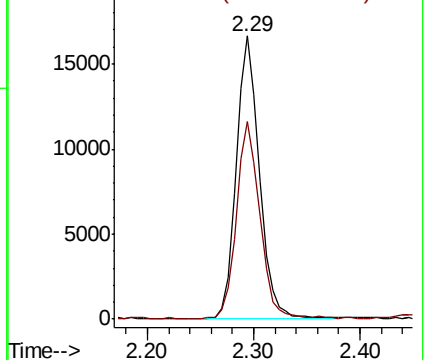
56 100

55 70.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.617 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

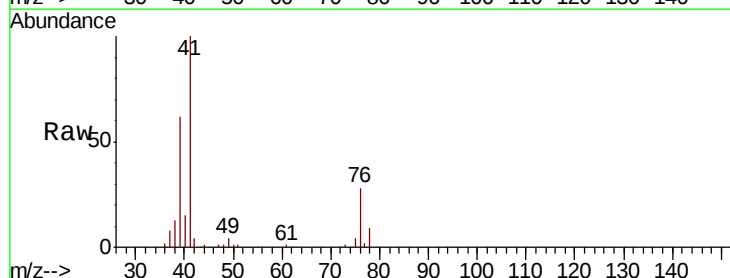
Tgt Ion: 41 Resp: 70783

Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

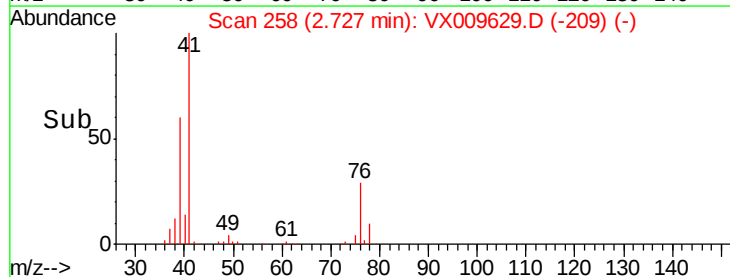
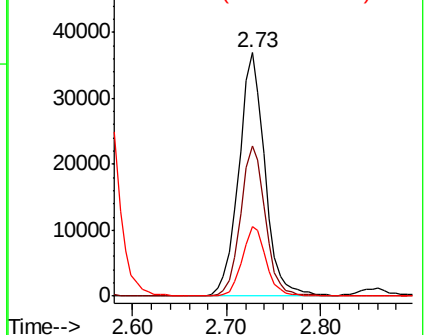
76 26.4 21.8 32.8



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





#15

Acrylonitrile

Concen: 111.242 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

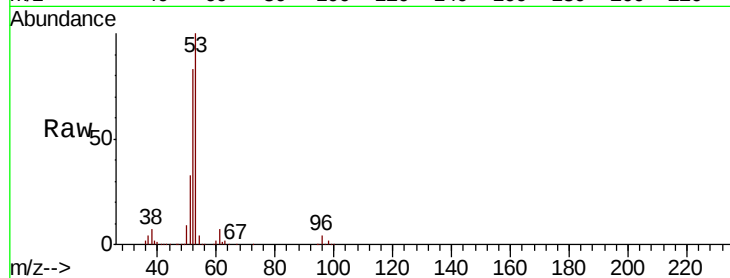
Tot Ion: 53 Resp: 135625

Ion Ratio Lower Upper

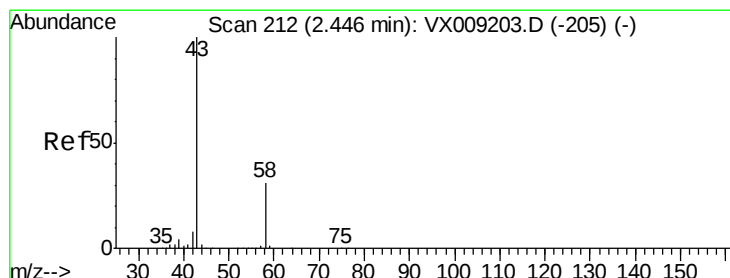
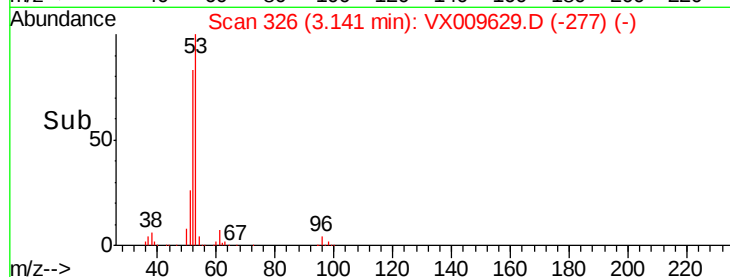
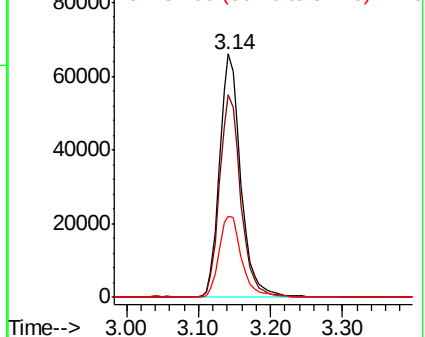
53 100

52 83.1 66.9 100.3

51 35.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.673 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009629.D

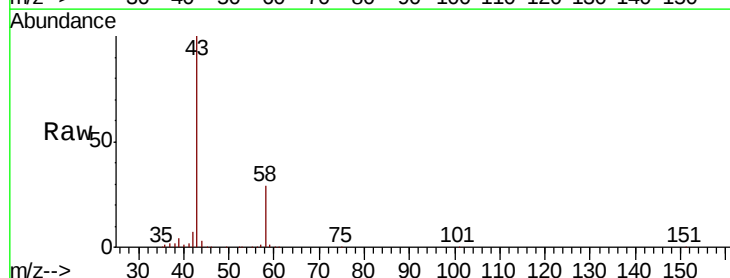
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 121074

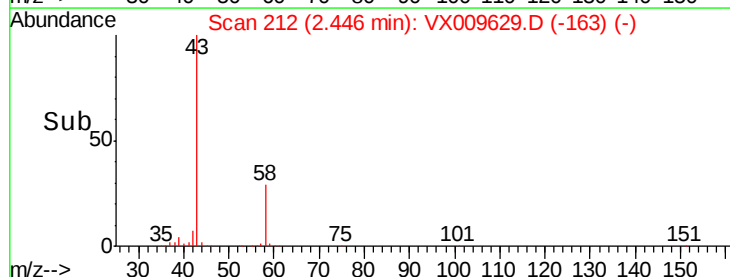
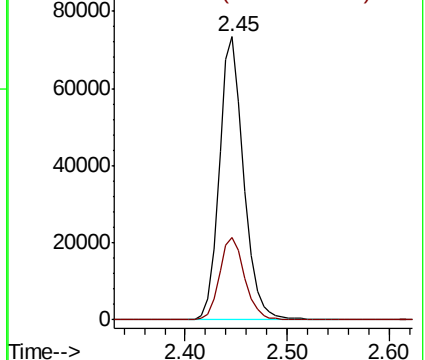
Ion Ratio Lower Upper

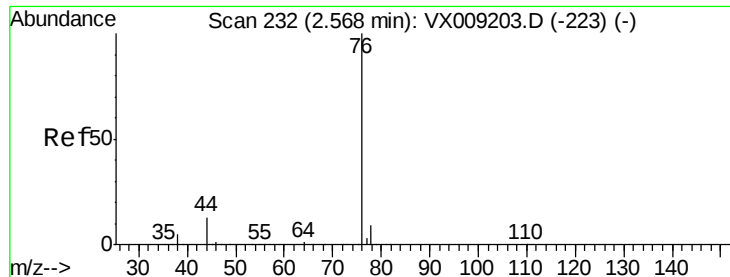
43 100

58 29.2 24.9 37.3



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





#17

Carbon Disulfide

Concen: 18.906 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

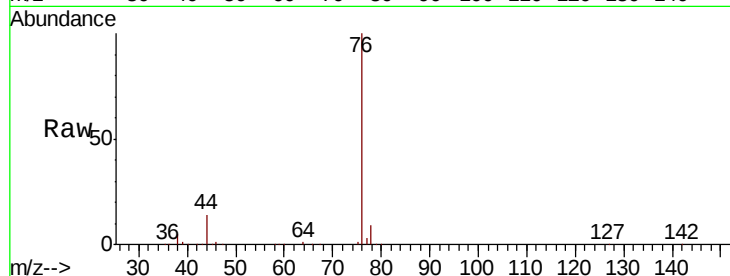
VX0516WBS02

Tot Ion: 76 Resp: 78590

Ion Ratio Lower Upper

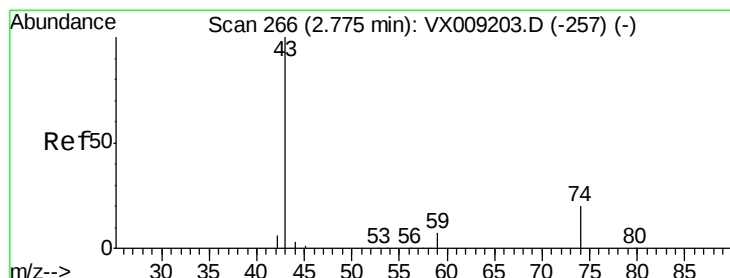
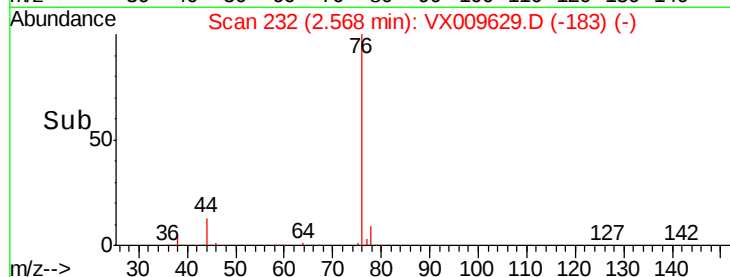
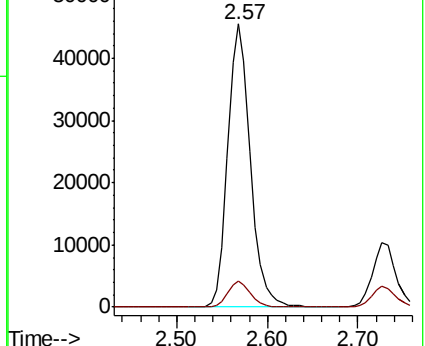
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.681 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009629.D

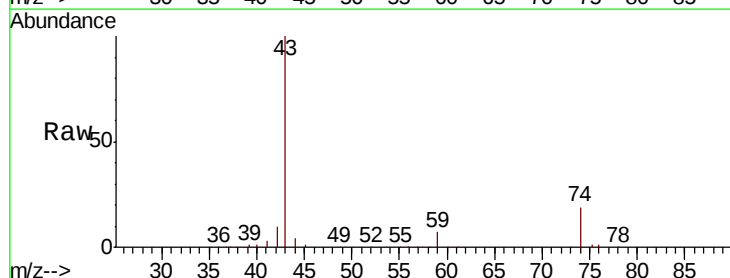
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 62391

Ion Ratio Lower Upper

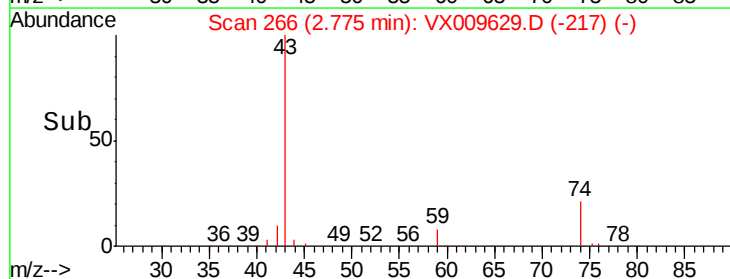
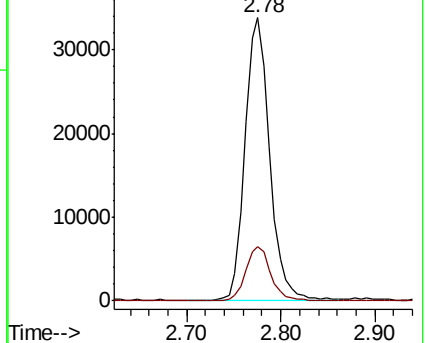
43 100

74 19.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

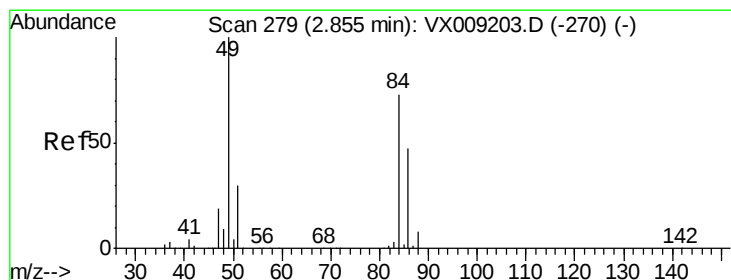
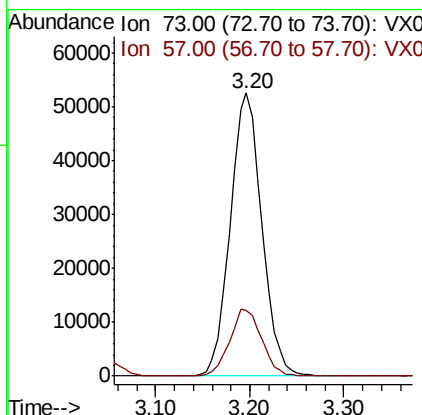
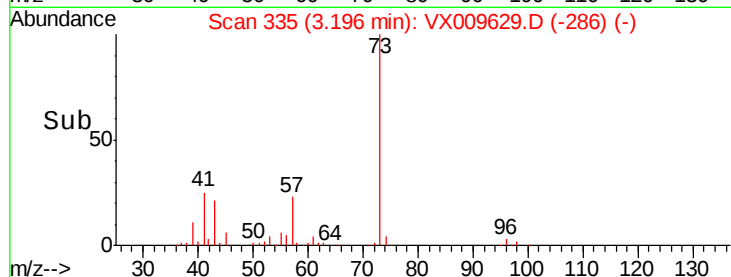
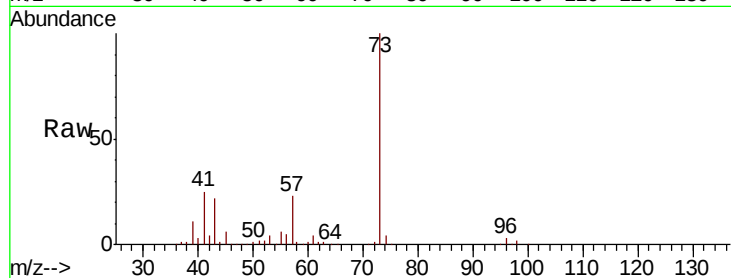




#19
Methyl tert-butyl Ether
Concen: 21.313 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

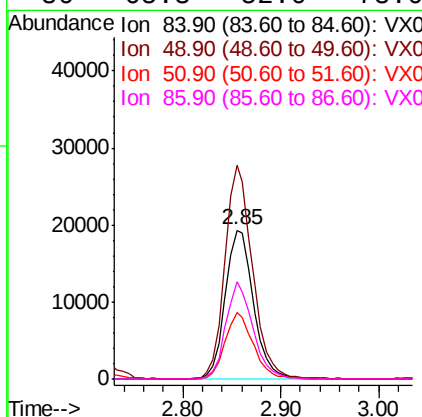
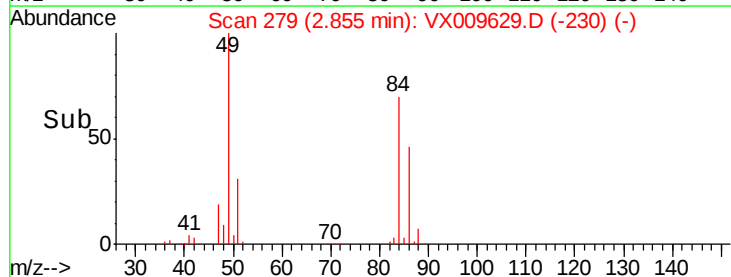
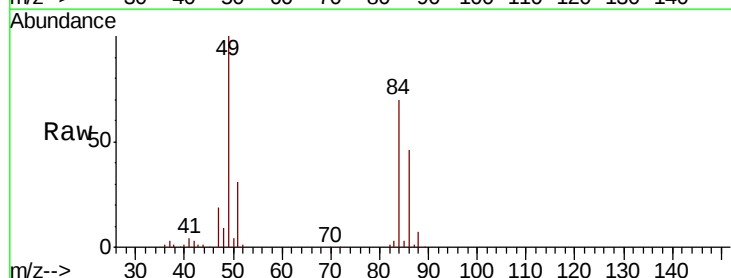
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

Tot Ion: 73 Resp: 122543
Ion Ratio Lower Upper
73 100
57 23.4 19.3 28.9



#20
Methylene Chloride
Concen: 20.583 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 84 Resp: 38548
Ion Ratio Lower Upper
84 100
49 143.0 109.9 164.9
51 44.2 32.7 49.1
86 65.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.137 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

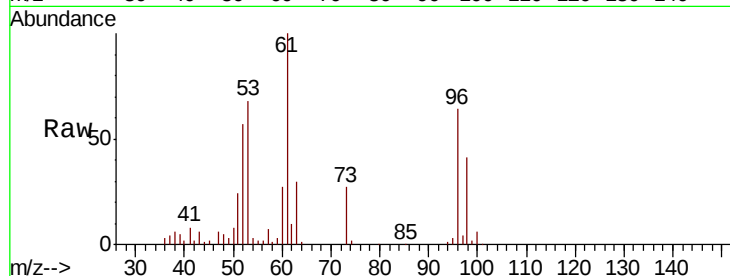
Tot Ion: 96 Resp: 32335

Ion Ratio Lower Upper

96 100

61 157.5 124.5 186.7

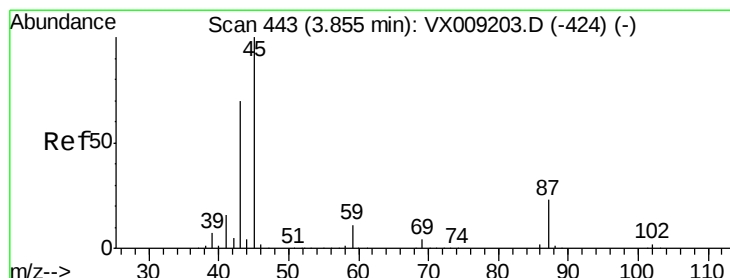
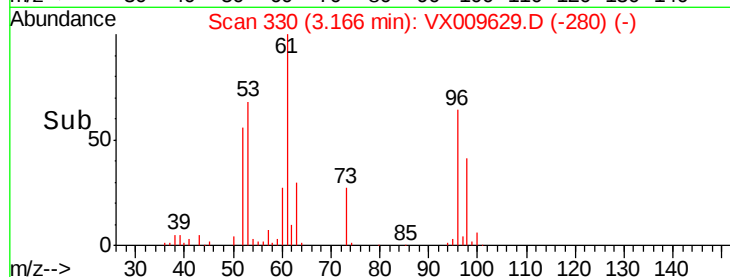
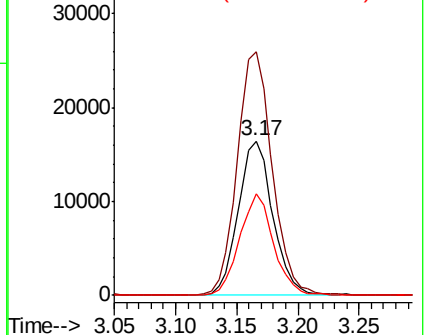
98 65.3 50.4 75.6



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: 21.508 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Tgt Ion: 45 Resp: 149248

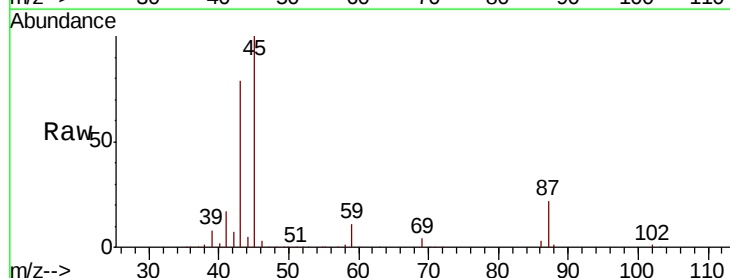
Ion Ratio Lower Upper

45 100

43 78.9 56.1 84.1

87 21.9 18.1 27.1

59 10.8 8.5 12.7

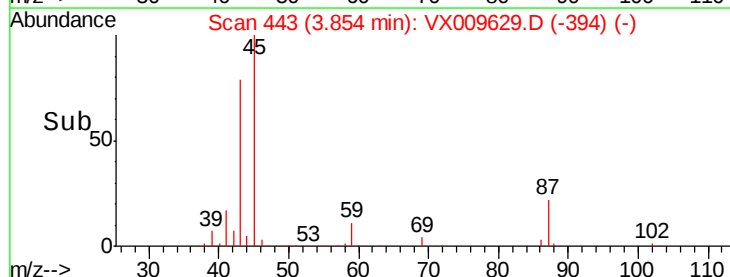
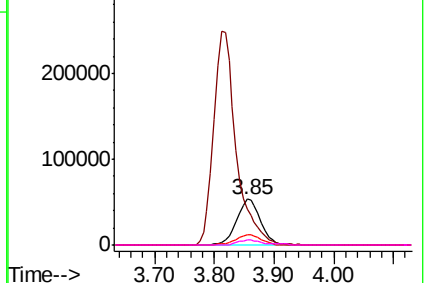


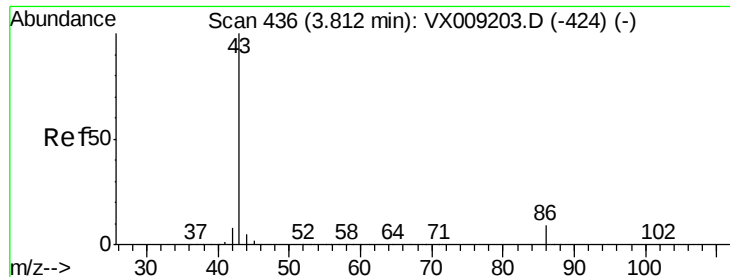
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 109.628 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

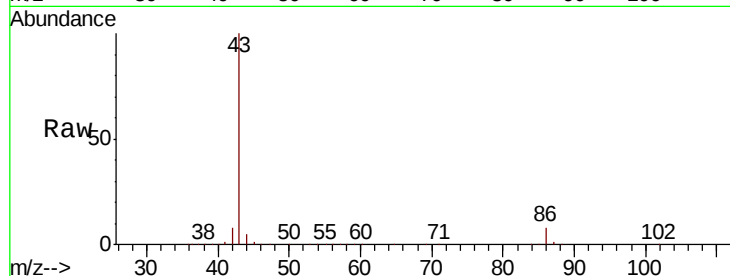
VX0516WBS02

Tot Ion: 43 Resp: 651414

Ion Ratio Lower Upper

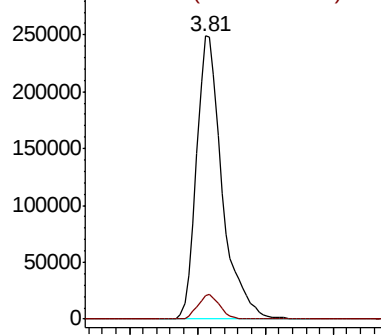
43 100

86 8.4 6.9 10.3

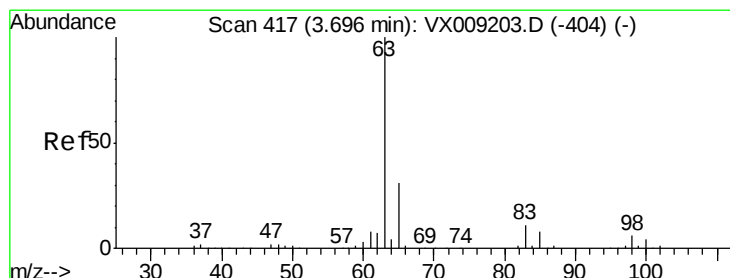
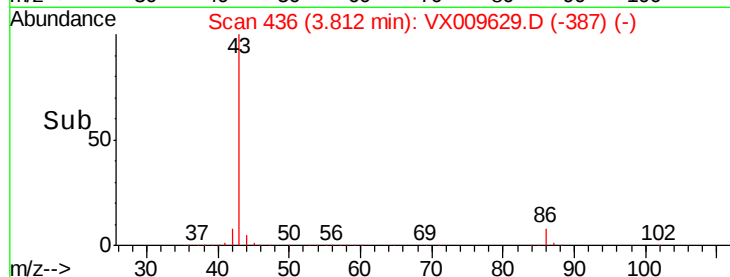


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 20.936 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

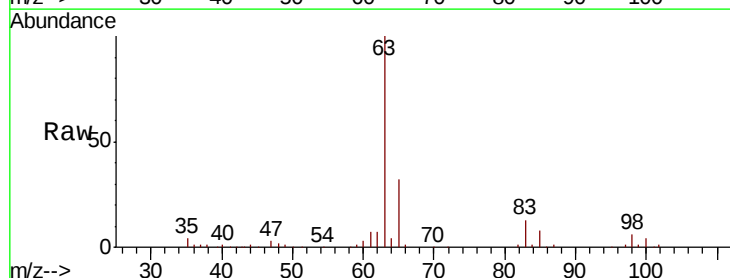
Tgt Ion: 63 Resp: 71668

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

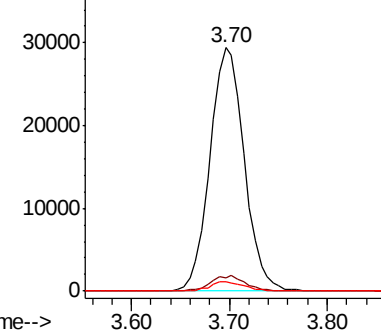
100 3.7 2.0 6.0



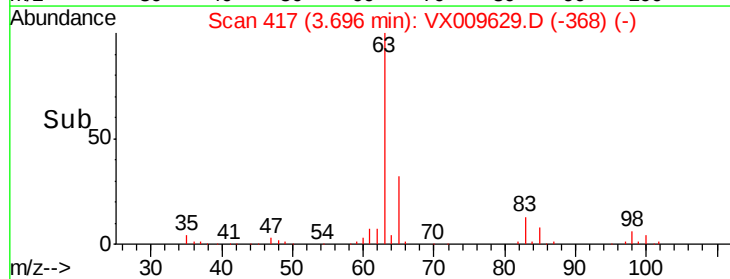
Abundance Ion 62.90 (62.60 to 63.60): VX0

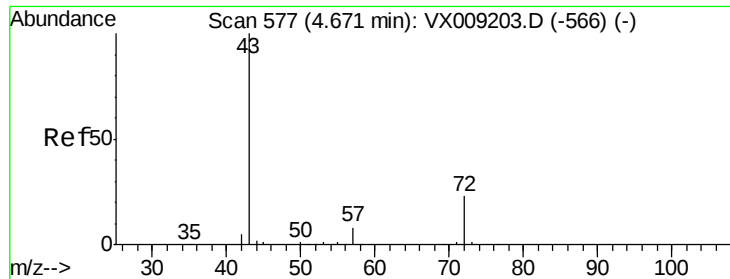
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 111.622 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

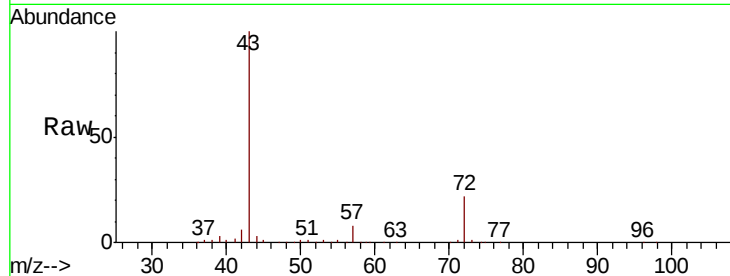
VX0516WBS02

Tot Ion: 43 Resp: 200636

Ion Ratio Lower Upper

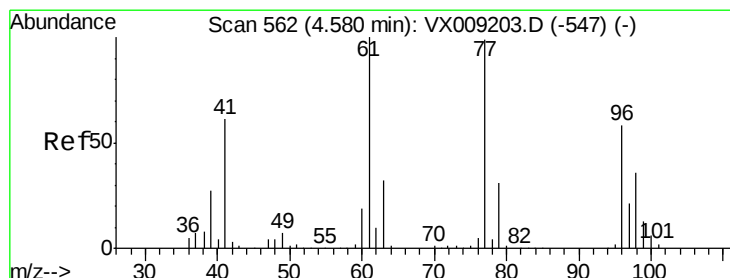
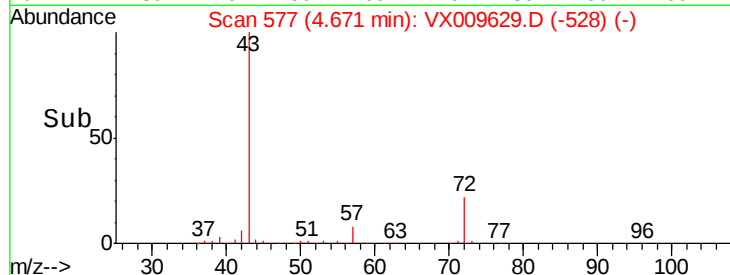
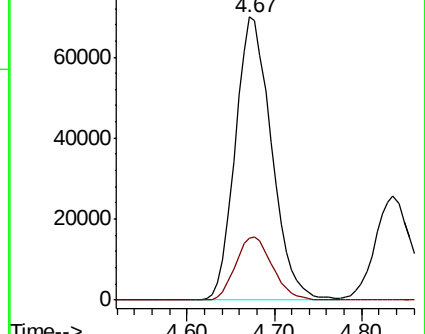
43 100

72 21.7 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: 14.352 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009629.D

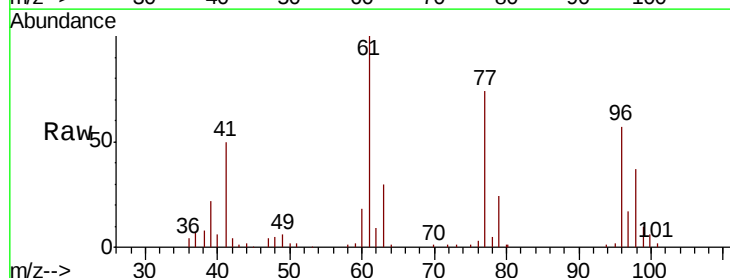
Acq: 17 May 2019 00:33

Tgt Ion: 77 Resp: 36568

Ion Ratio Lower Upper

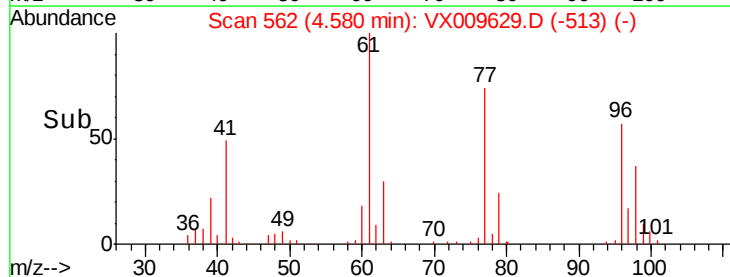
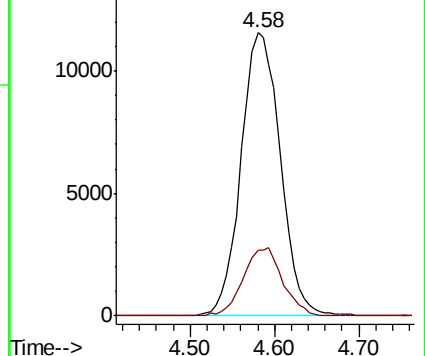
77 100

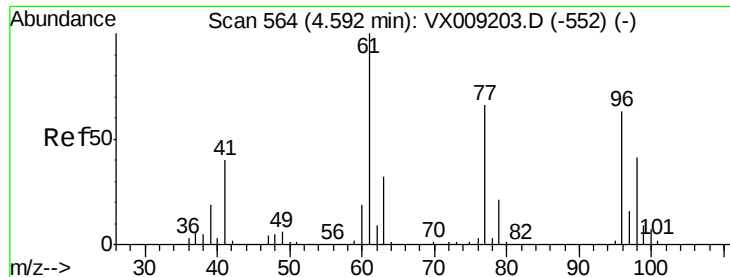
97 24.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



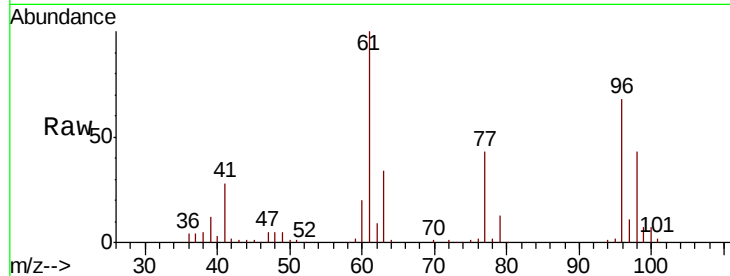


#27

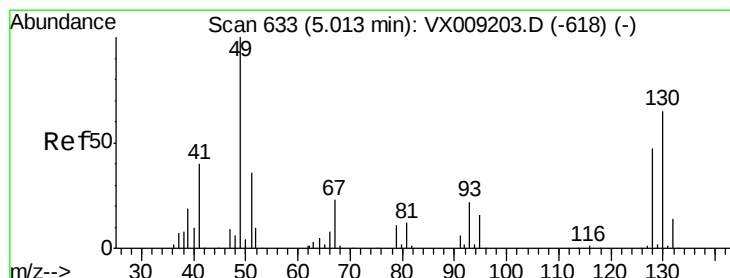
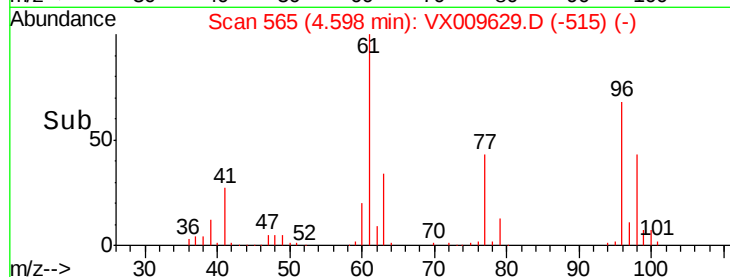
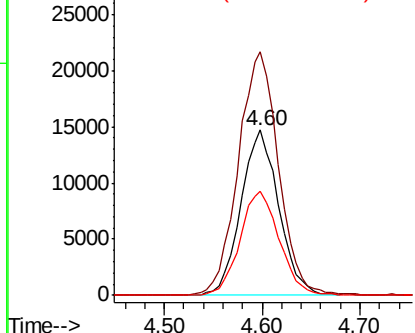
cis-1,2-Dichloroethene
Concen: 20.605 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

Tot Ion: 96 Resp: 39492
Ion Ratio Lower Upper
96 100
61 156.7 0.0 324.0
98 65.5 0.0 130.4



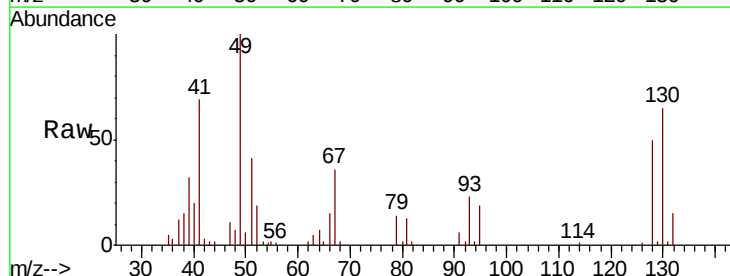
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



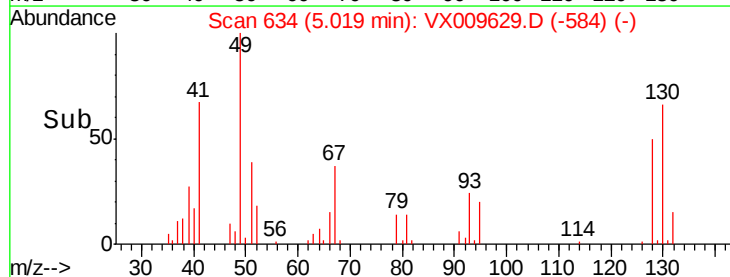
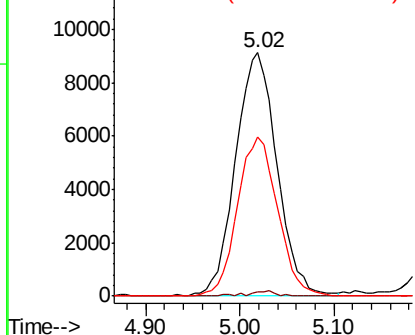
#28

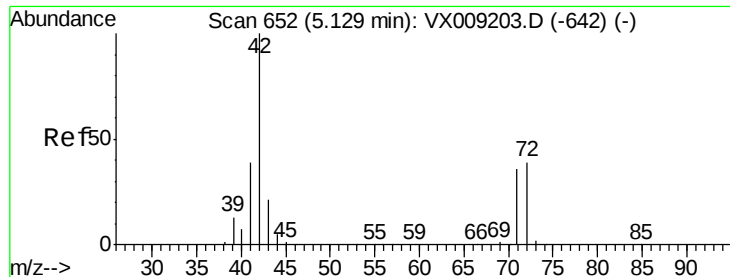
Bromochloromethane
Concen: 18.716 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 49 Resp: 28154
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.8
130 63.3 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

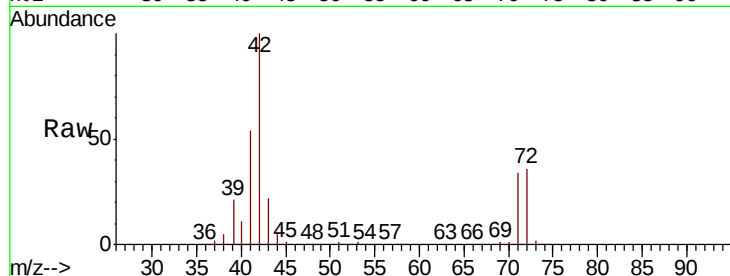




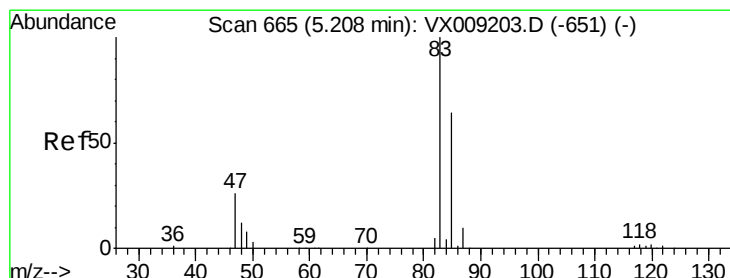
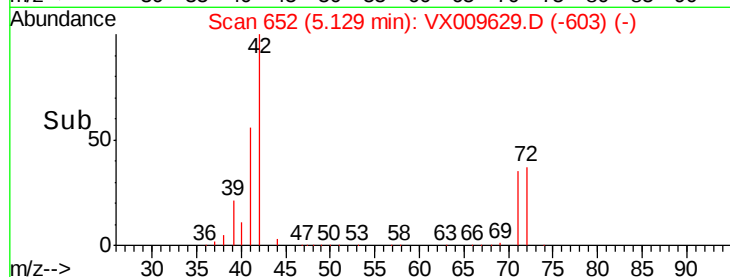
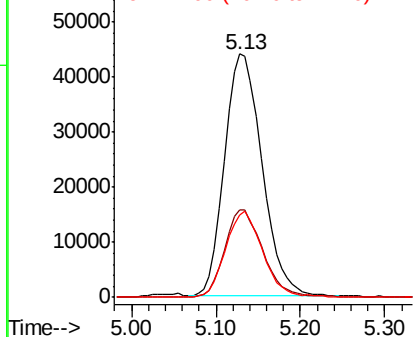
#29
Tetrahydrofuran
Concen: 115.521 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

Tot Ion: 42 Resp: 133618
Ion Ratio Lower Upper
42 100
72 36.9 30.4 45.6
71 35.1 28.6 43.0

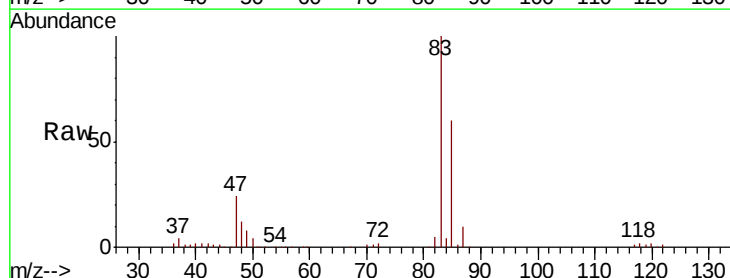


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

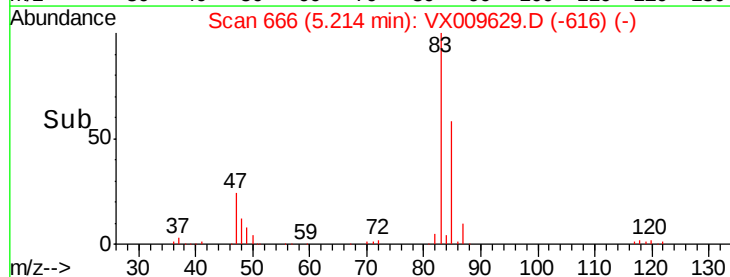
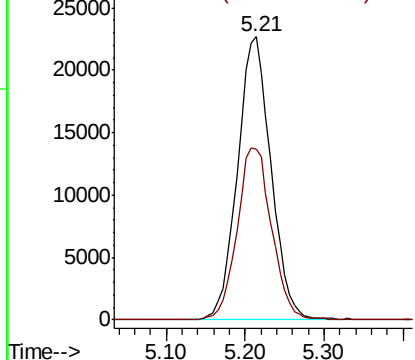


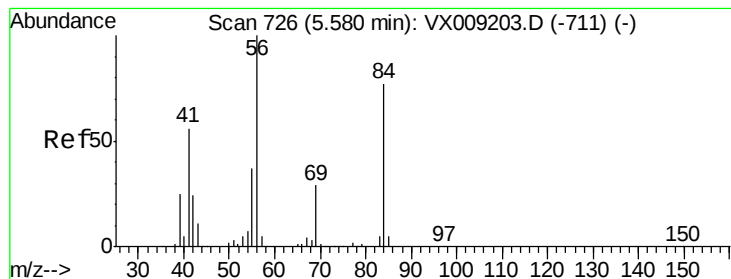
#30
Chloroform
Concen: 21.623 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 83 Resp: 66946
Ion Ratio Lower Upper
83 100
85 60.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.468 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

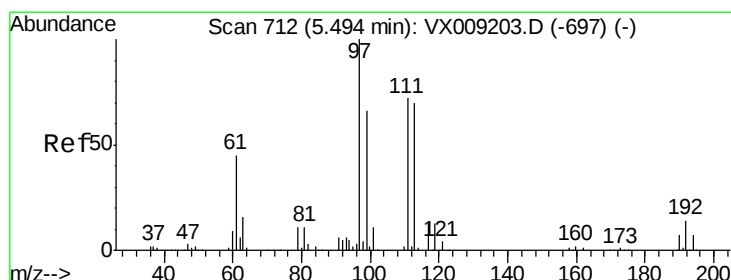
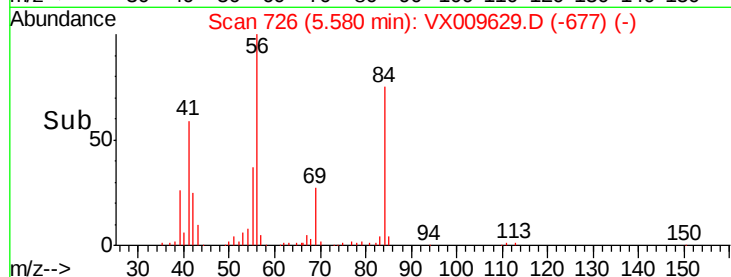
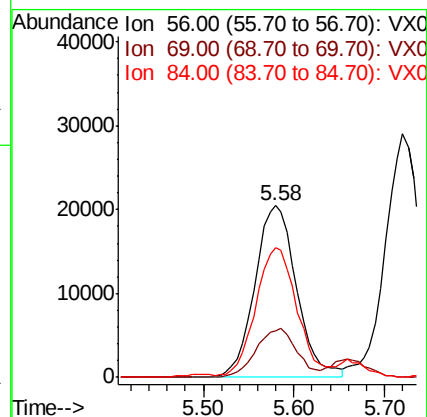
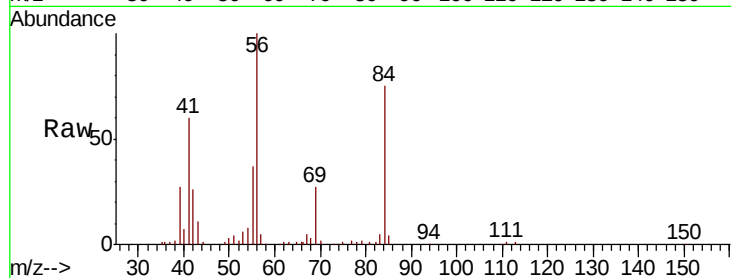
Tot Ion: 56 Resp: 65187

Ion Ratio Lower Upper

56 100

69 26.9 23.4 35.0

84 74.0 61.9 92.9



#32

1,1,1-Trichloroethane

Concen: 20.786 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

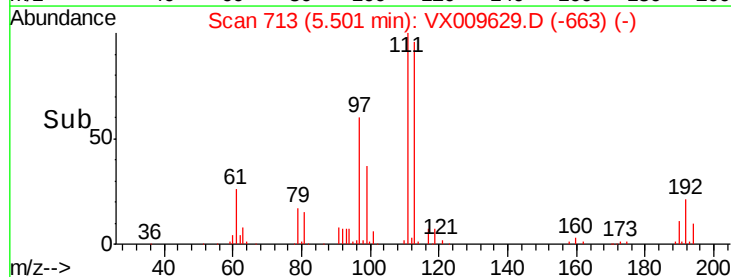
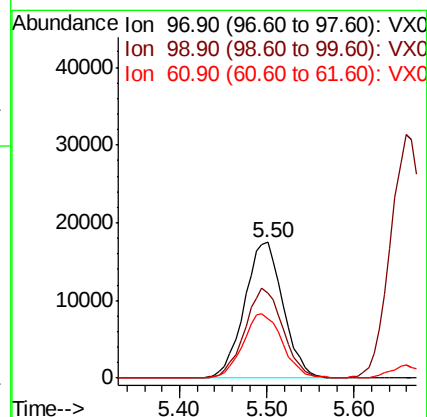
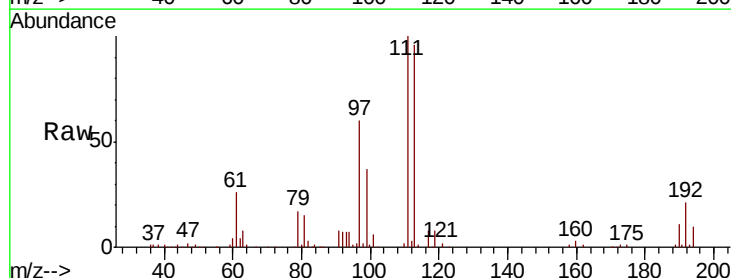
Tgt Ion: 97 Resp: 53572

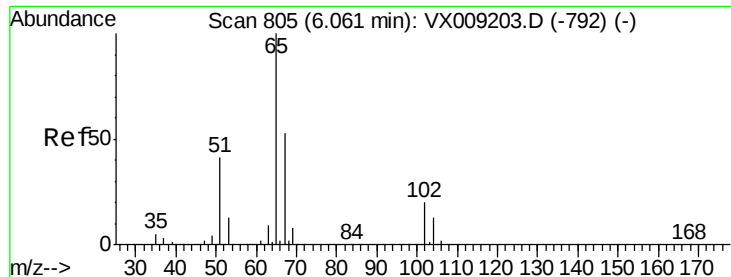
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 48.7 37.8 56.8

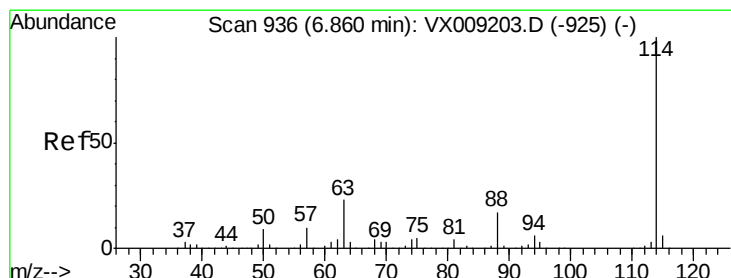
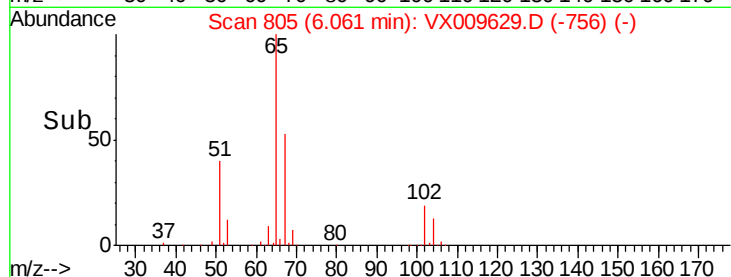
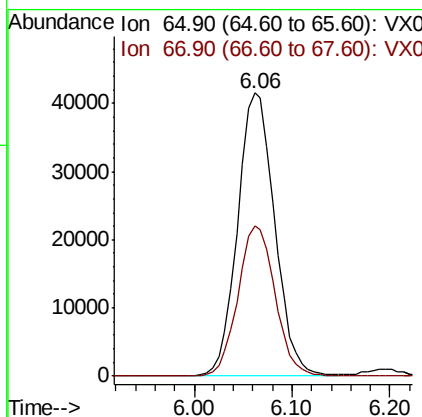
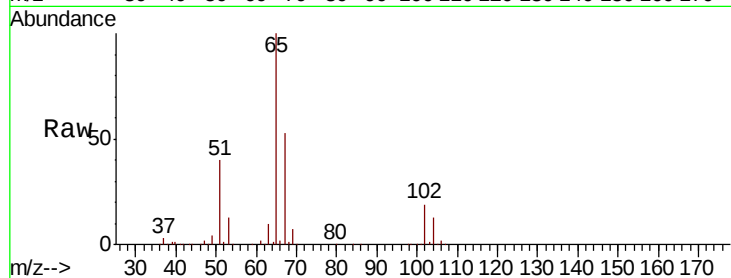




#33
 1,2-Dichloroethane-d4
 Concen: 50.808 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

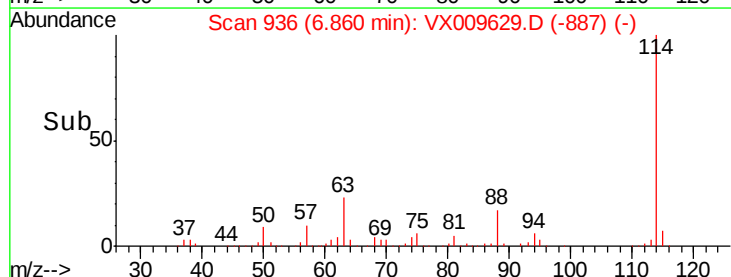
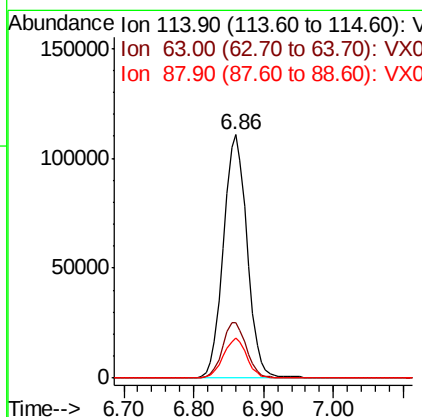
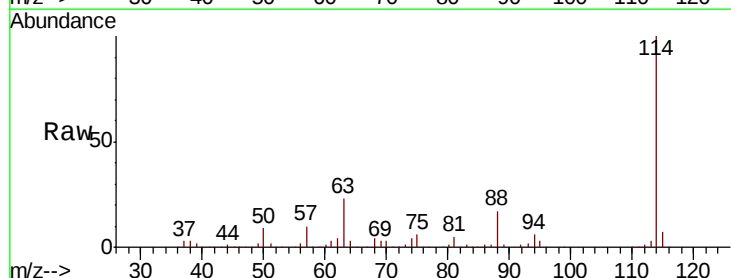
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

Tot Ion: 65 Resp: 109447
 Ion Ratio Lower Upper
 65 100
 67 53.2 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: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion: 114 Resp: 260905
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.305 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

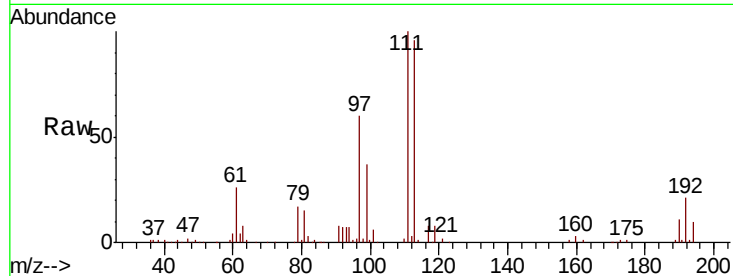
Tot Ion:113 Resp: 80868

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 21.5 17.0 25.6

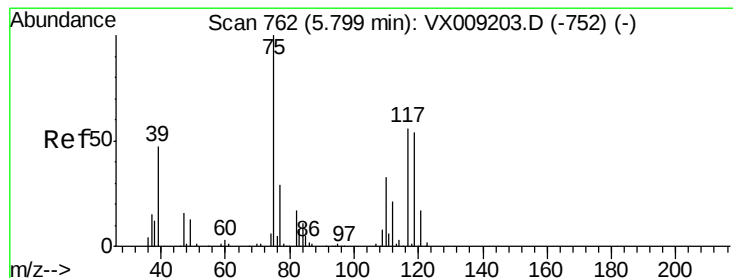
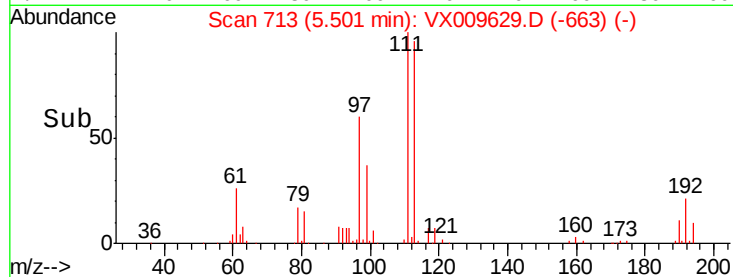
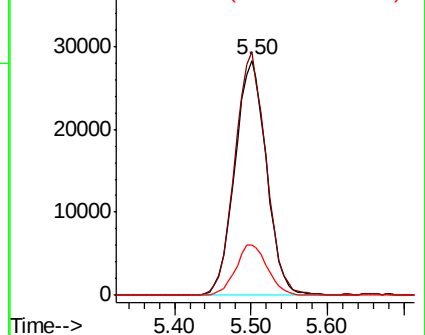


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.944 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

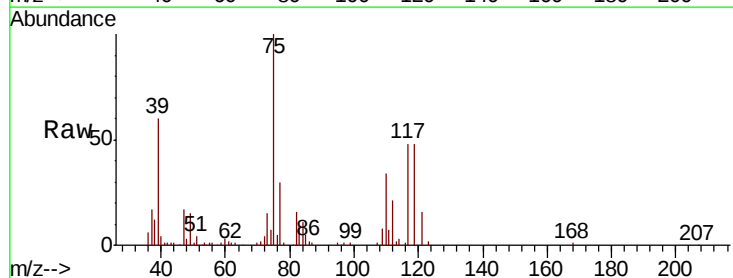
Tgt Ion: 75 Resp: 48356

Ion Ratio Lower Upper

75 100

110 34.0 16.9 50.6

77 31.5 24.8 37.2

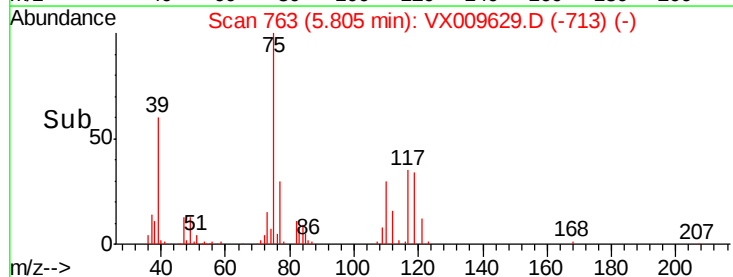
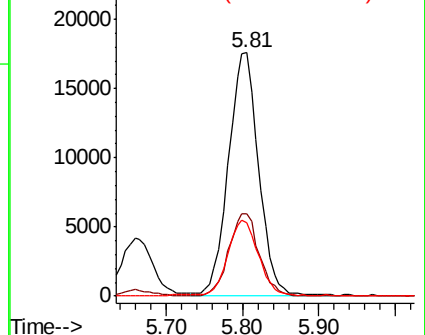


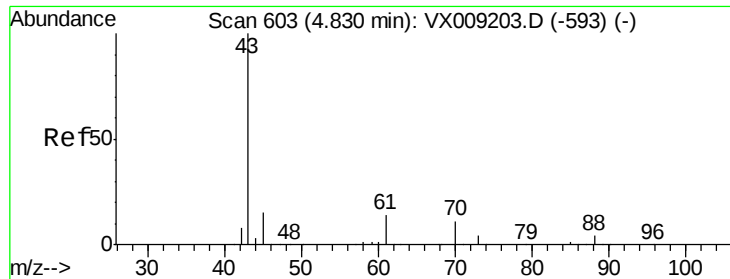
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

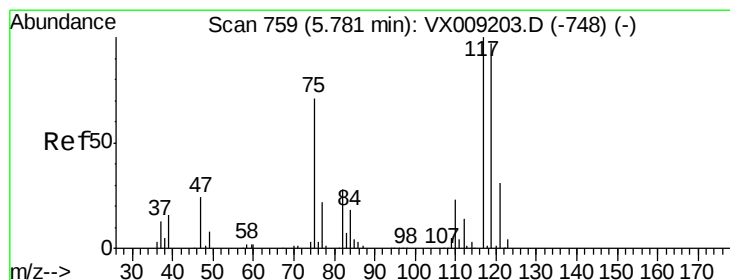
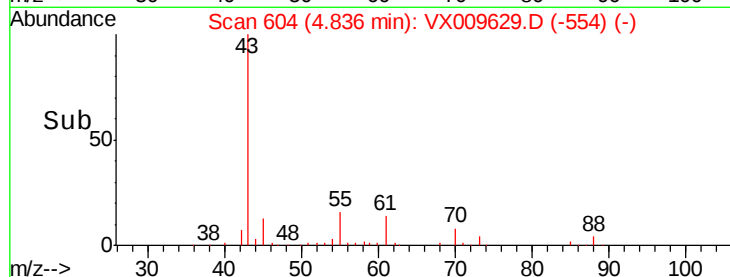
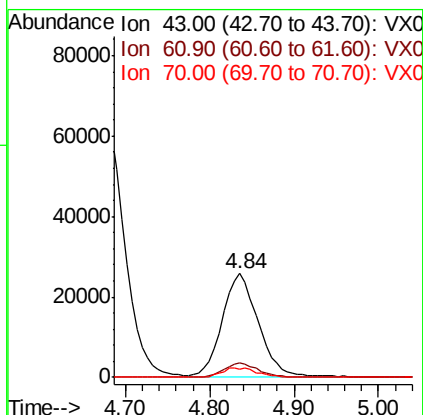
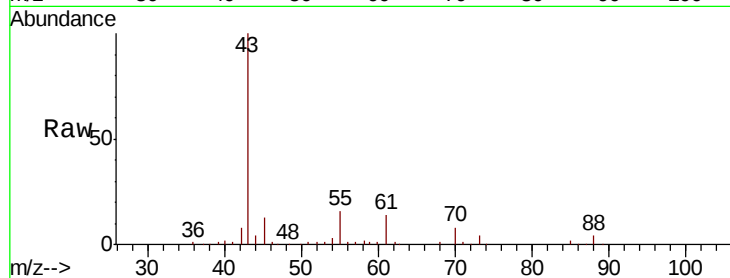




#37
Ethyl Acetate
Concen: 22.014 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

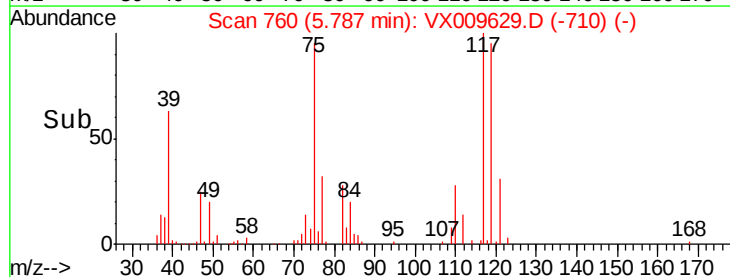
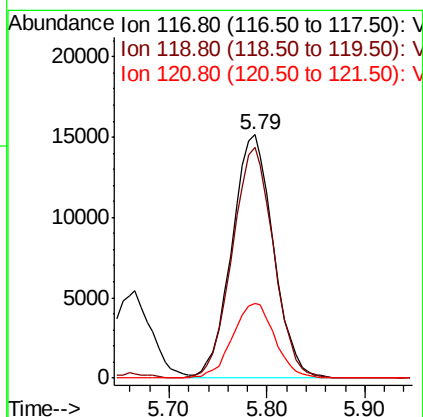
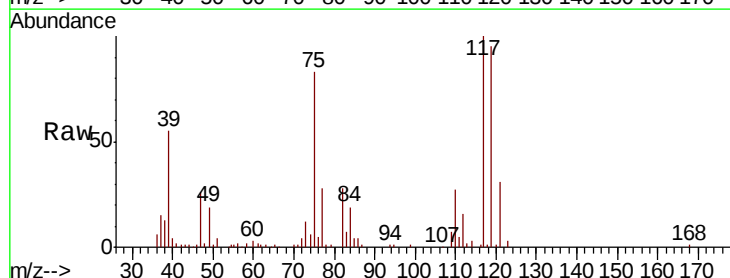
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

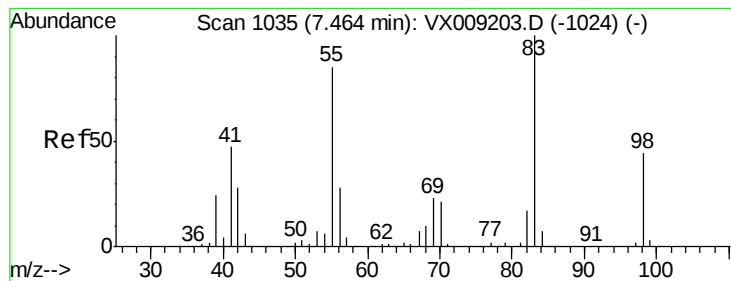
Tot Ion: 43 Resp: 74367
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.290 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 117 Resp: 44698
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3
121 30.7 24.7 37.1





#39

Methvlcvclohexane

Concen: 18.840 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

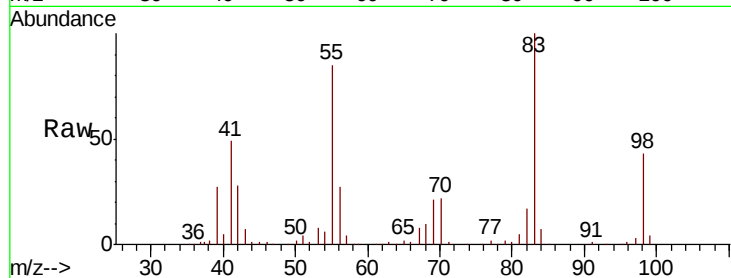
Tot Ion: 83 Resp: 56099

Ion Ratio Lower Upper

83 100

55 84.4 67.7 101.5

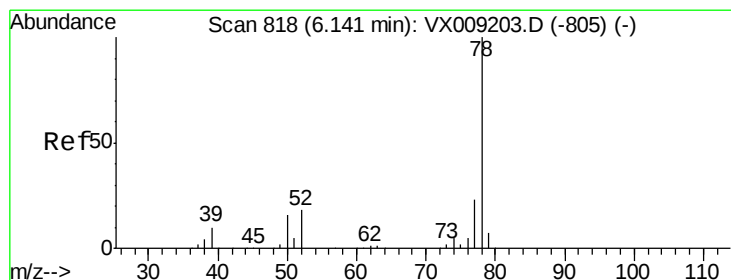
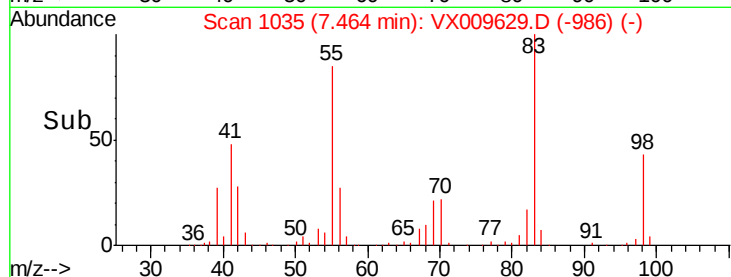
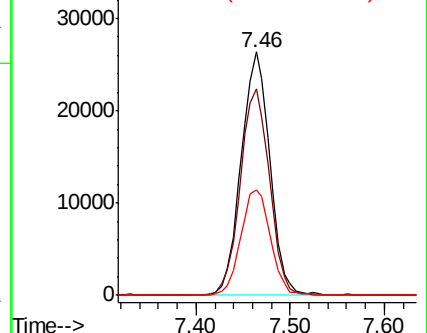
98 43.3 35.5 53.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.375 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009629.D

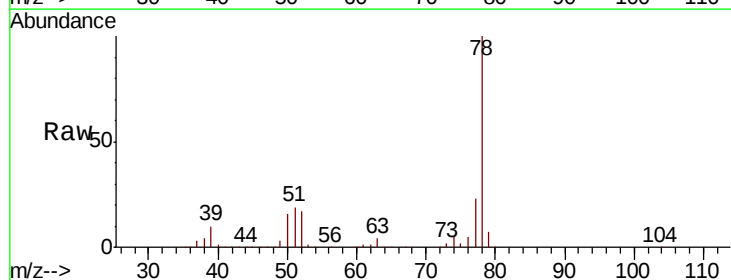
Acq: 17 May 2019 00:33

Tgt Ion: 78 Resp: 152893

Ion Ratio Lower Upper

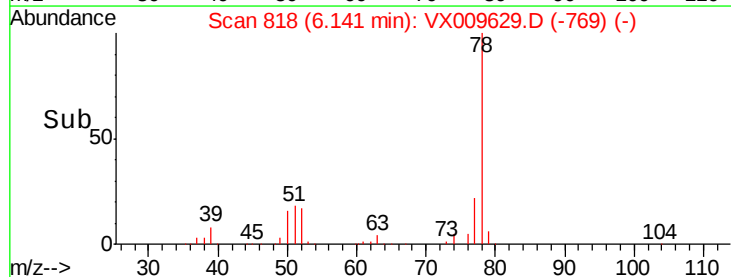
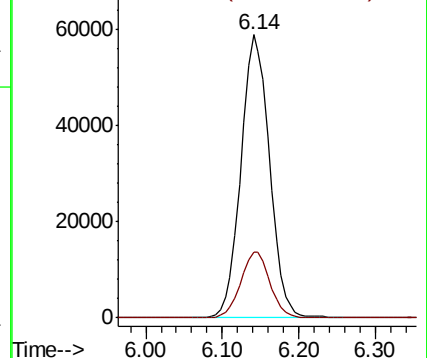
78 100

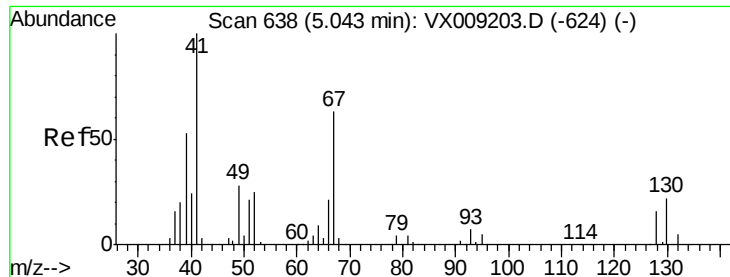
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.619 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

Tot Ion: 41 Resp: 41463

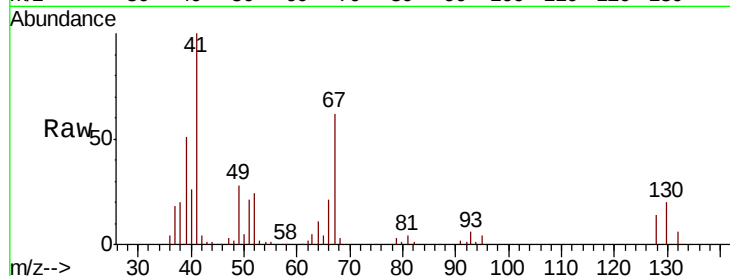
Ion Ratio Lower Upper

41 100

39 52.8 42.0 63.0

67 63.9 49.8 74.8

52 27.7 20.3 30.5

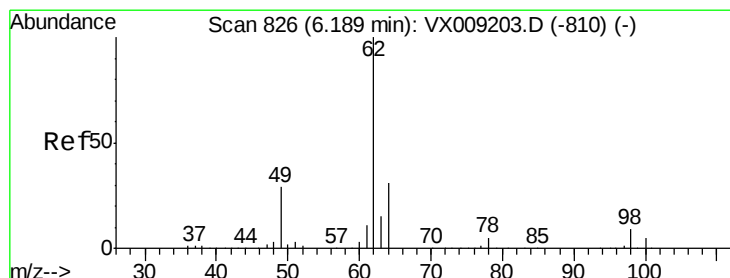
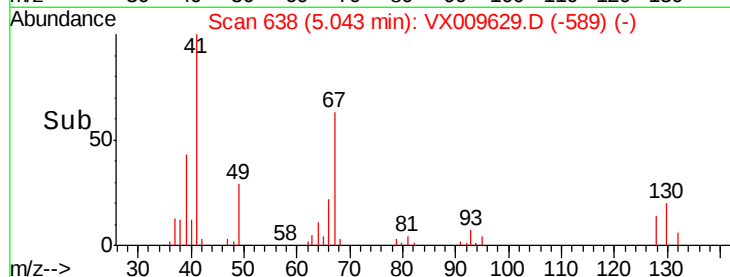
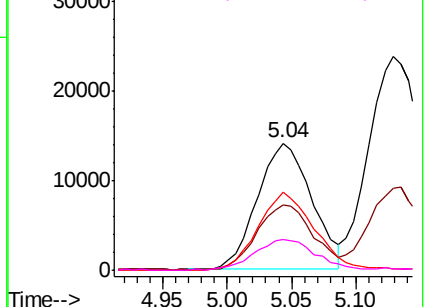


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.443 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009629.D

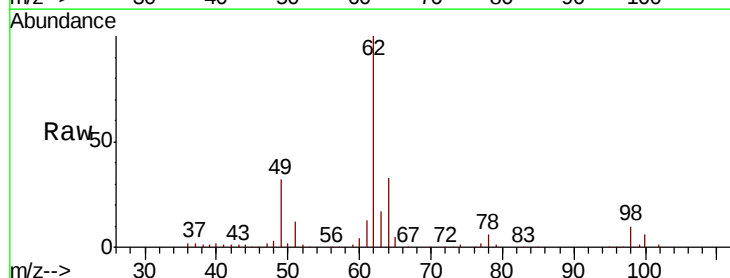
Acq: 17 May 2019 00:33

Tgt Ion: 62 Resp: 57719

Ion Ratio Lower Upper

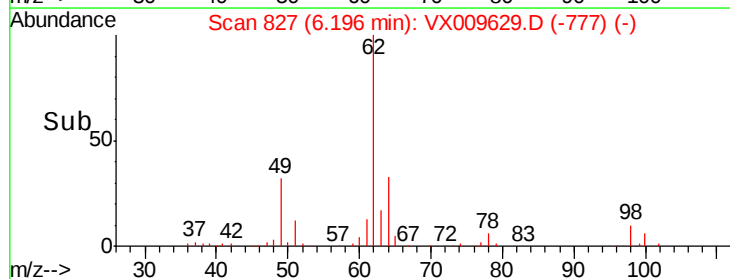
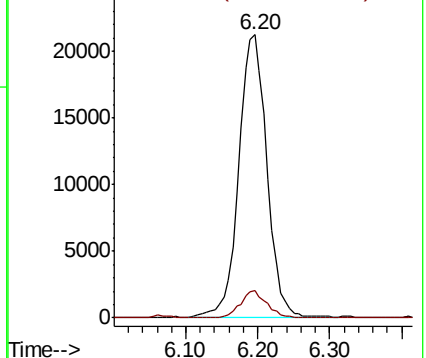
62 100

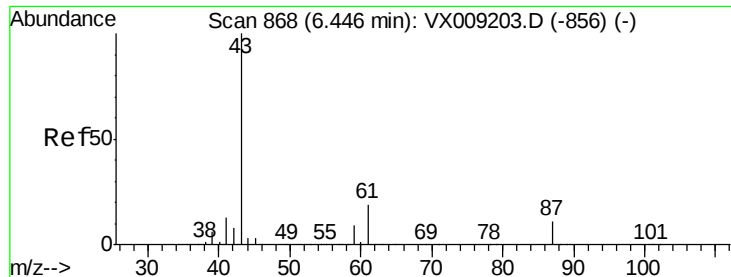
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.370 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

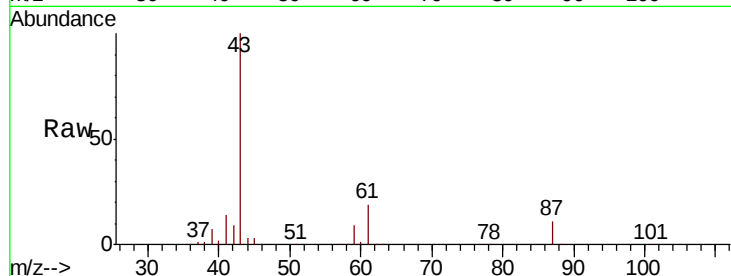
Tot Ion: 43 Resp: 115475

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

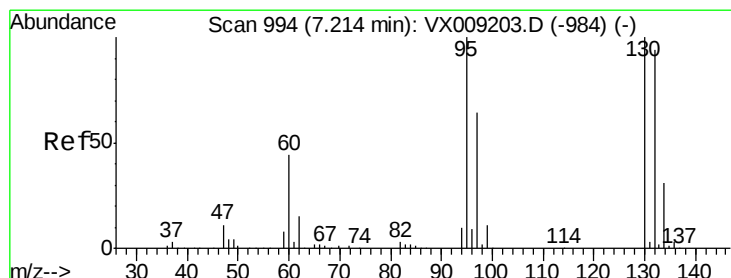
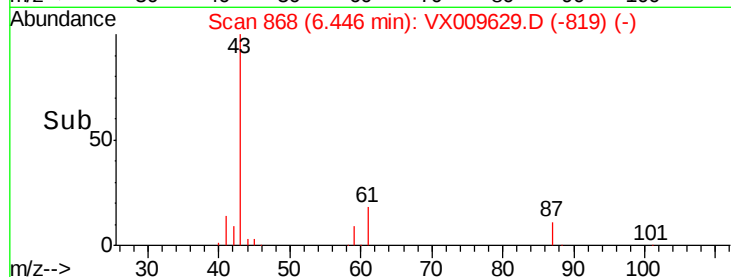
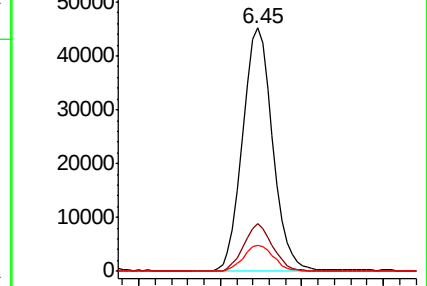
87 10.8 9.0 13.6



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: 19.835 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009629.D

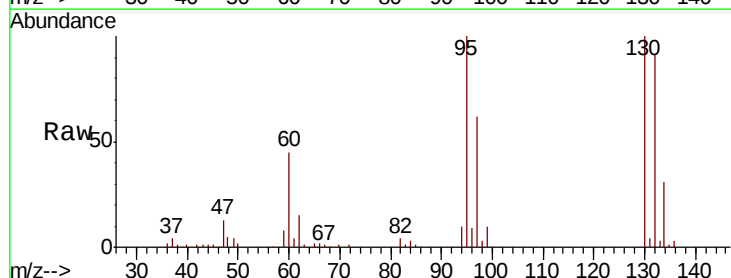
Acq: 17 May 2019 00:33

Tgt Ion:130 Resp: 35981

Ion Ratio Lower Upper

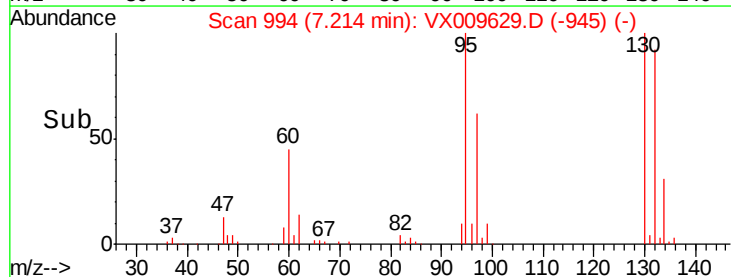
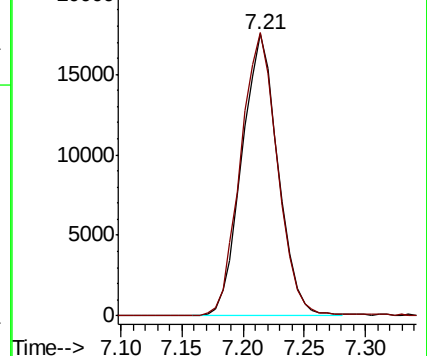
130 100

95 100.4 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: 20.552 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

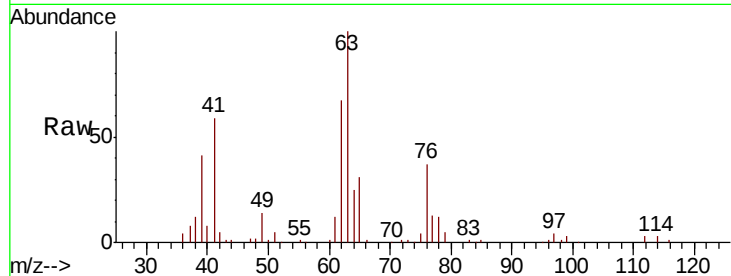
VX0516WBS02

Tot Ion: 63 Resp: 43669

Ion Ratio Lower Upper

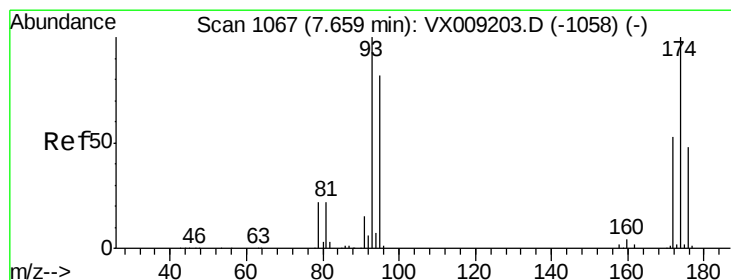
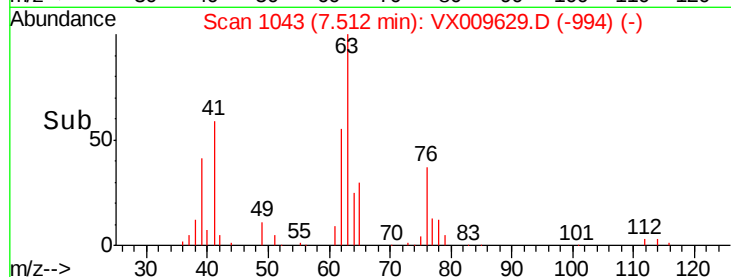
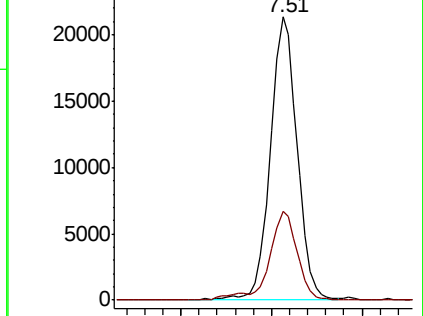
63 100

65 31.3 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: 20.322 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

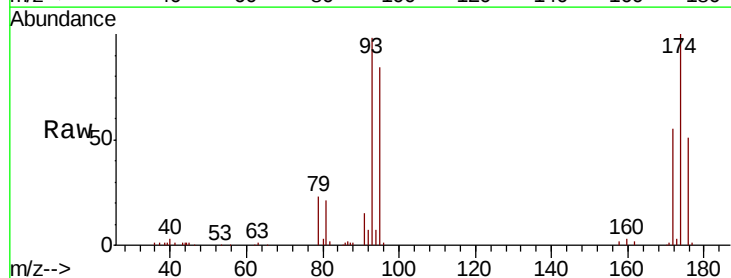
Tgt Ion: 93 Resp: 25075

Ion Ratio Lower Upper

93 100

95 84.6 66.5 99.7

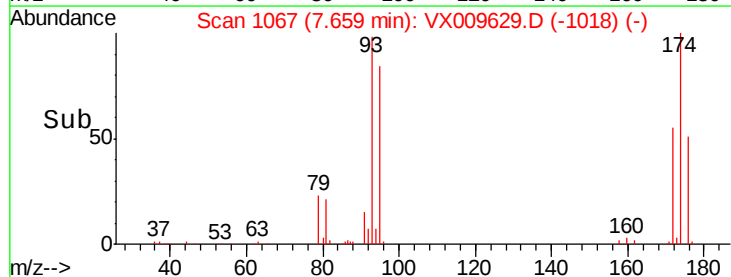
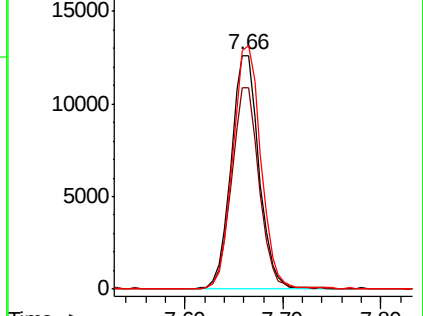
174 104.3 82.1 123.1

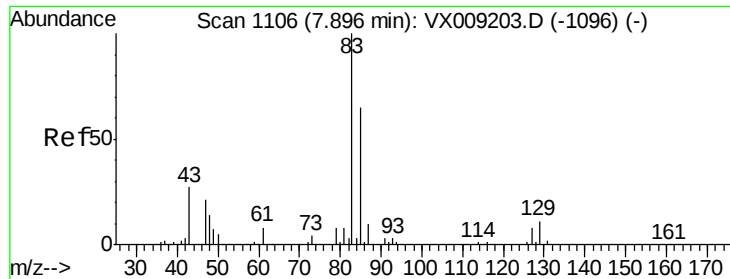


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

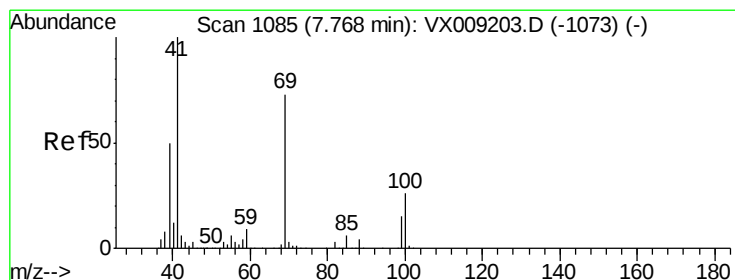
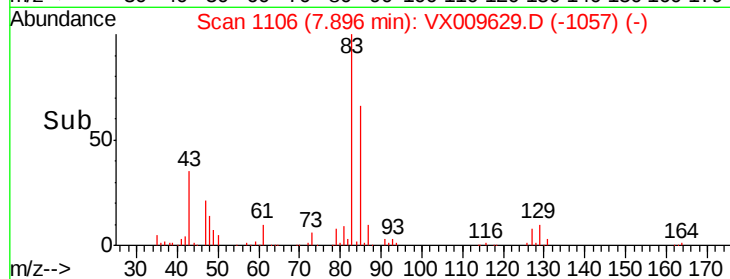
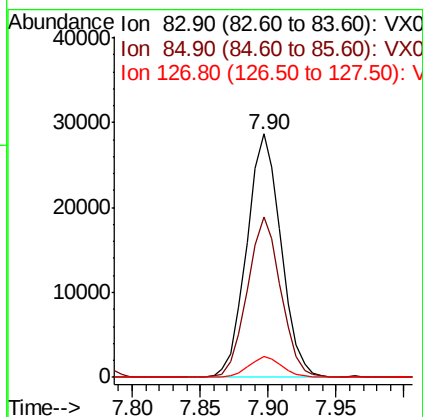
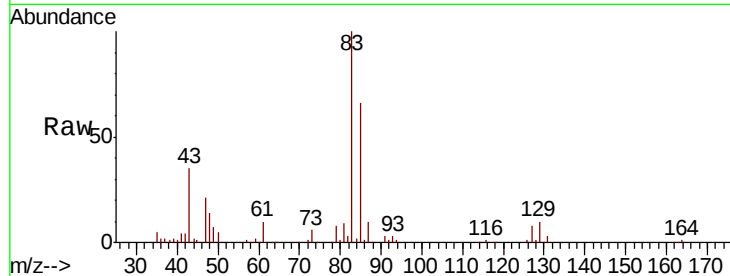




#47
 Bromodichloromethane
 Concen: 20.554 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

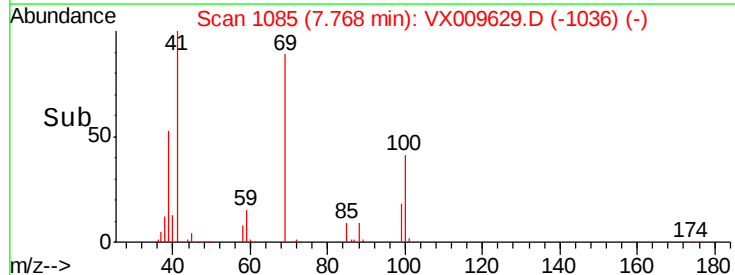
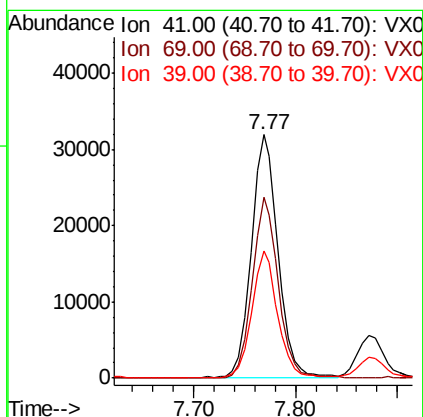
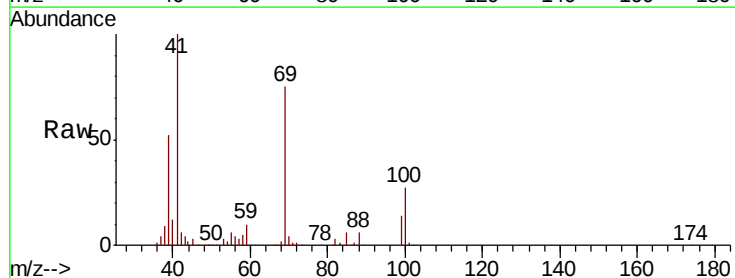
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

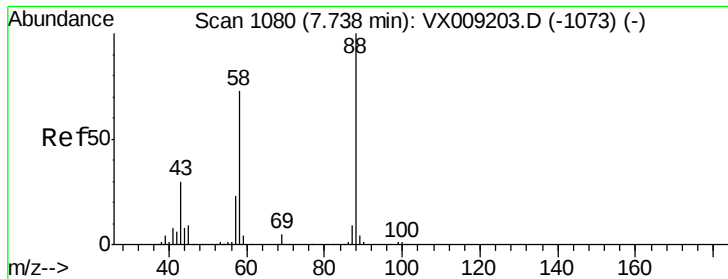
Tot Ion: 83 Resp: 50588
 Ion Ratio Lower Upper
 83 100
 85 65.9 52.4 78.6
 127 8.4 6.6 10.0



#48
 Methyl methacrylate
 Concen: 21.620 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion: 41 Resp: 57960
 Ion Ratio Lower Upper
 41 100
 69 73.2 59.1 88.7
 39 50.6 40.4 60.6

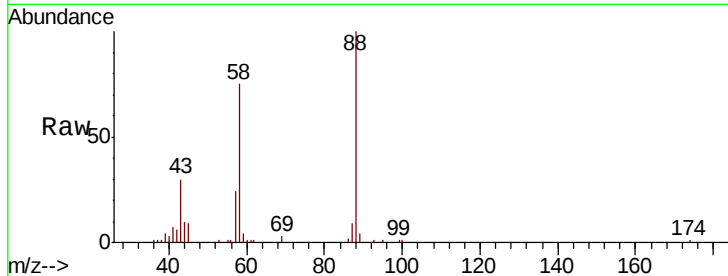




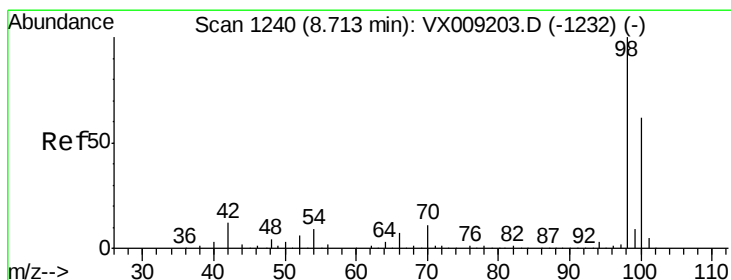
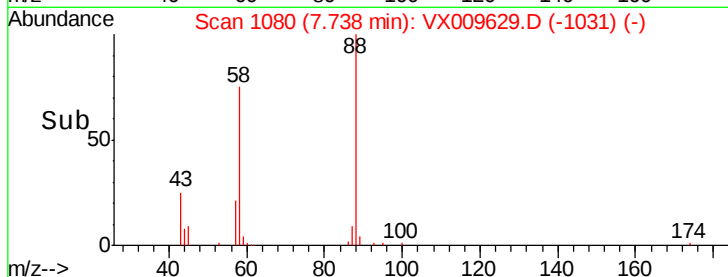
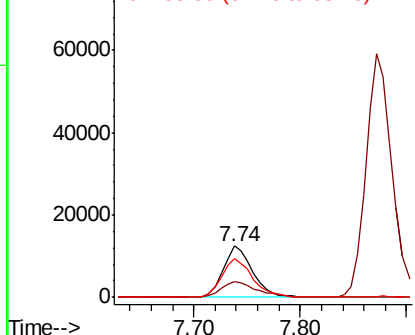
#49
1,4-Dioxane
Concen: 444.674 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

Tot Ion: 88 Resp: 24176
Ion Ratio Lower Upper
88 100
43 35.8 28.6 42.8
58 79.3 61.7 92.5

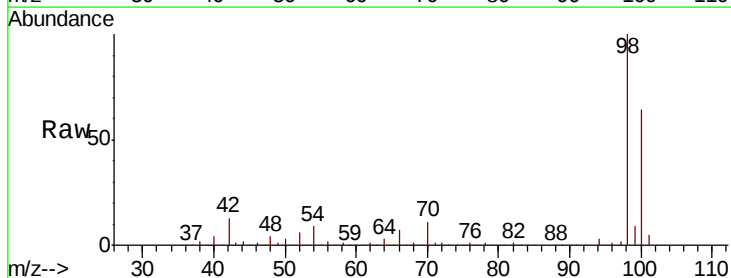


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

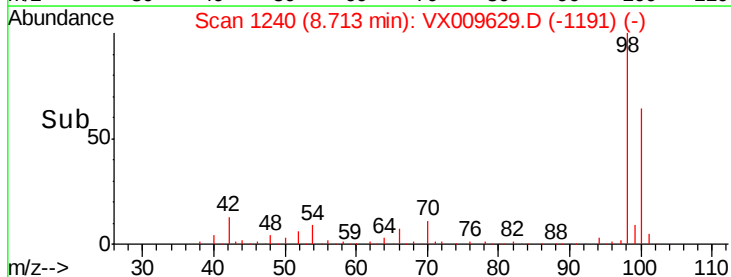
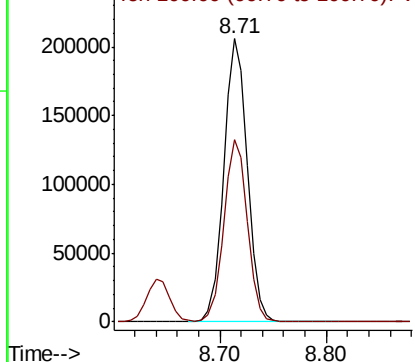


#50
Toluene-d8
Concen: 48.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 98 Resp: 318034
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 111.364 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampled :

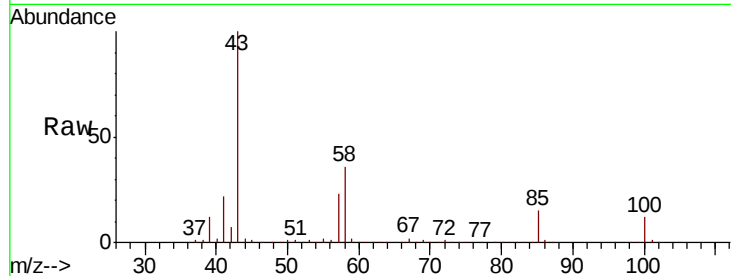
VX0516WBS02

Tot Ion: 43 Resp: 393330

Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

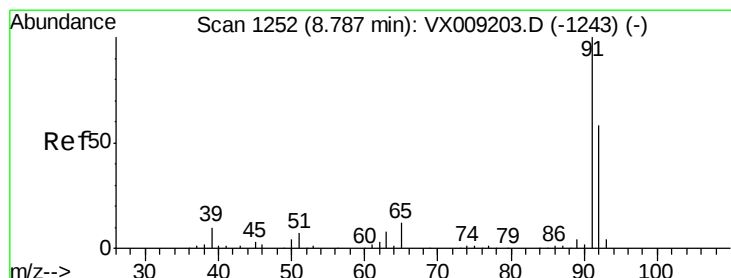
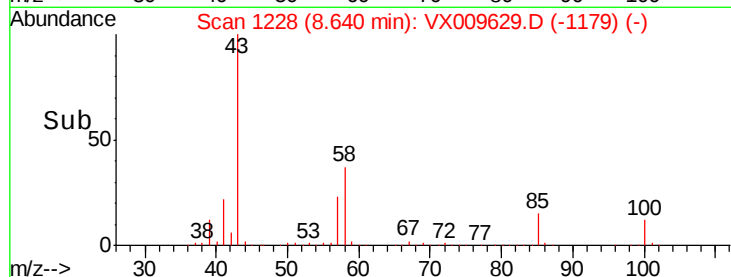
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.756 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009629.D

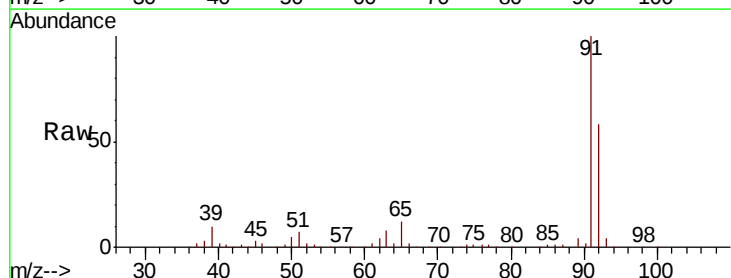
Acq: 17 May 2019 00:33

Tgt Ion: 92 Resp: 94674

Ion Ratio Lower Upper

92 100

91 170.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

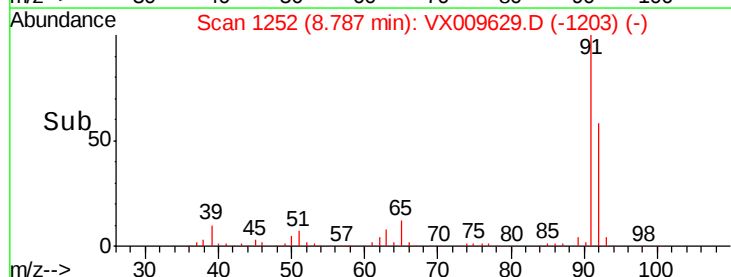
60000

40000

20000

0

Time-->

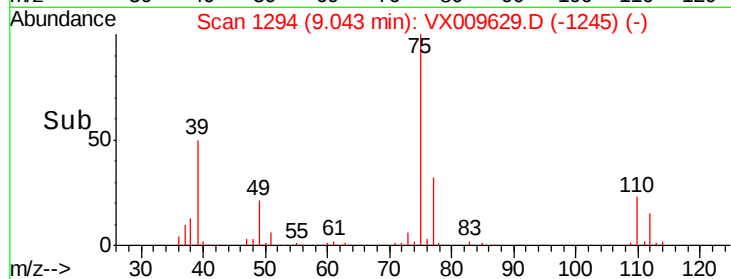
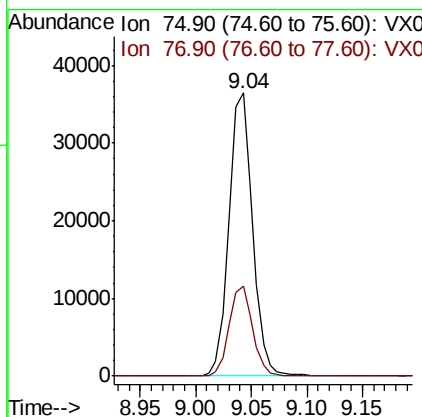
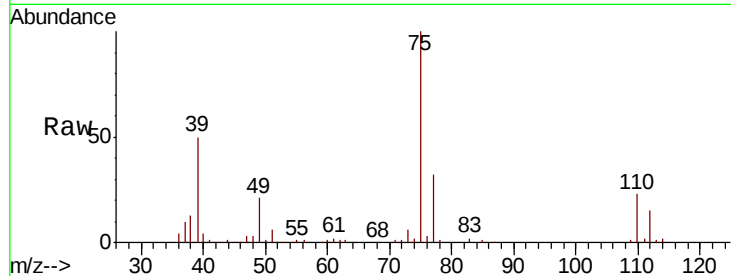




#53
t-1,3-Dichloropropene
Concen: 19.277 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

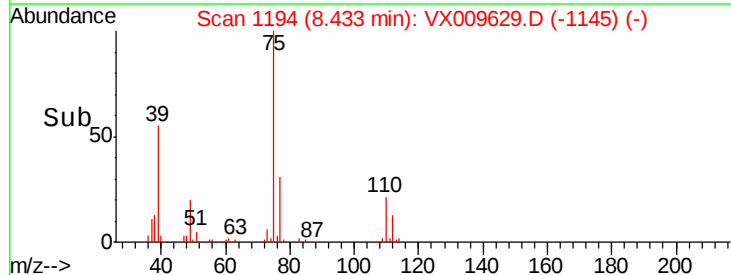
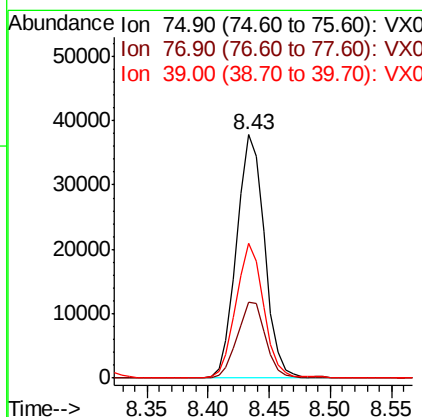
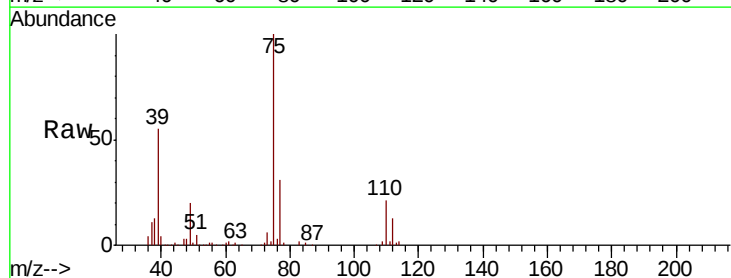
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

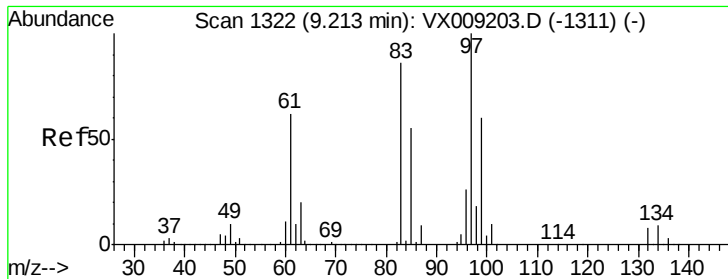
Tot Ion: 75 Resp: 53566
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 59882
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 55.2 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 20.687 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampled :

VX0516WBS02

Tot Ion: 97 Resp: 38497

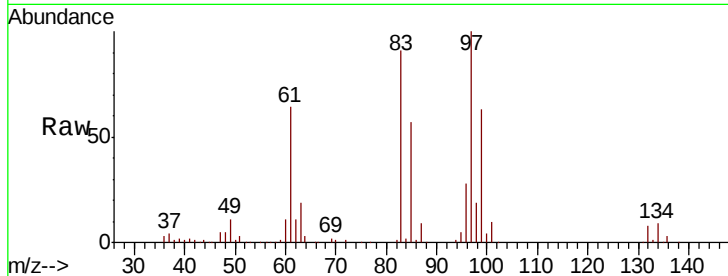
Ion Ratio Lower Upper

97 100

83 90.5 68.9 103.3

85 56.7 43.8 65.6

99 63.4 48.2 72.2

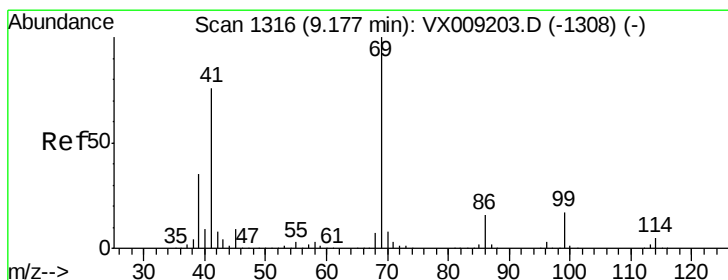
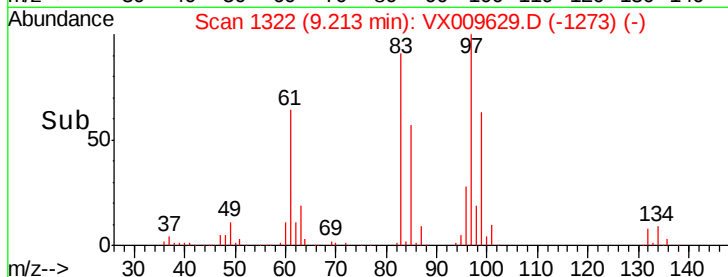
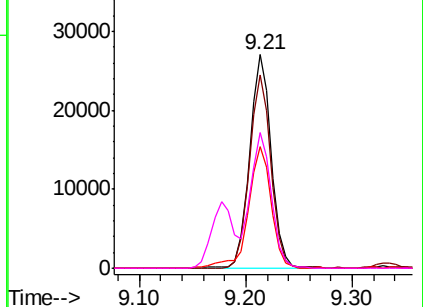


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.756 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

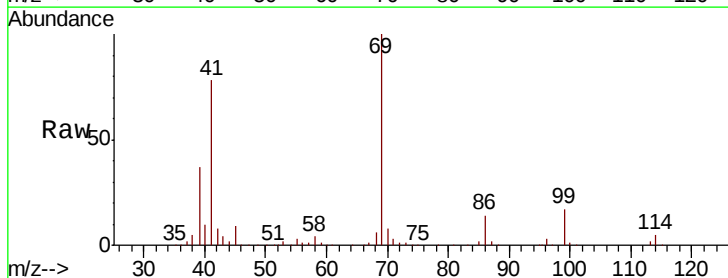
Tgt Ion: 69 Resp: 68949

Ion Ratio Lower Upper

69 100

41 76.9 60.6 90.8

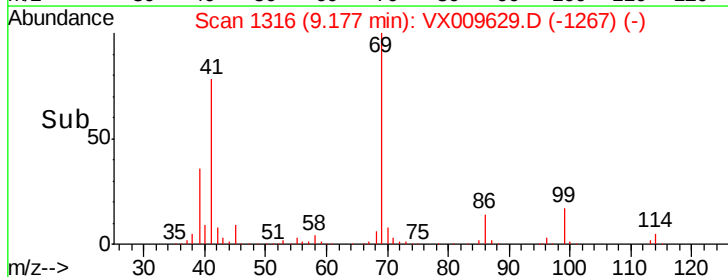
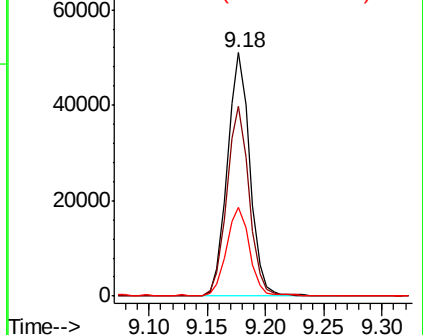
39 36.4 28.2 42.4

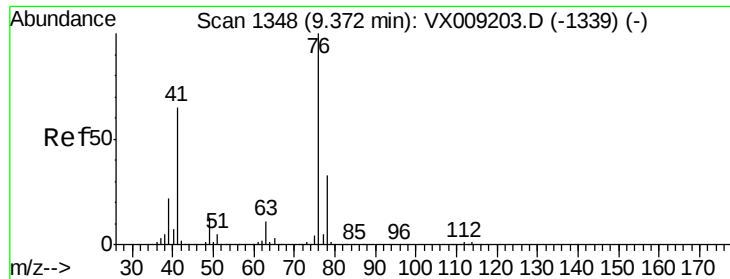


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.903 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

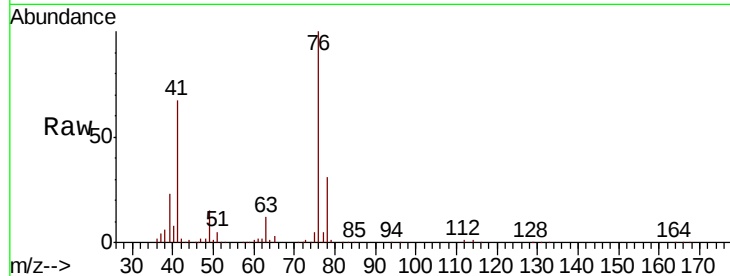
VX0516WBS02

Tot Ion: 76 Resp: 68453

Ion Ratio Lower Upper

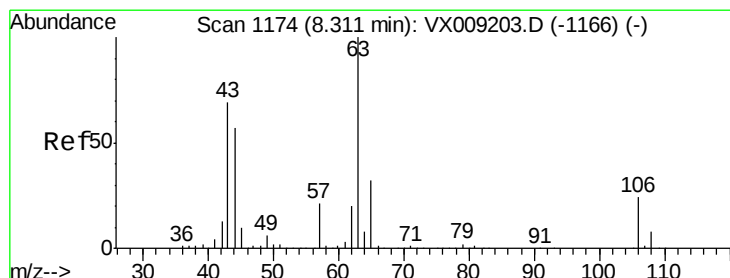
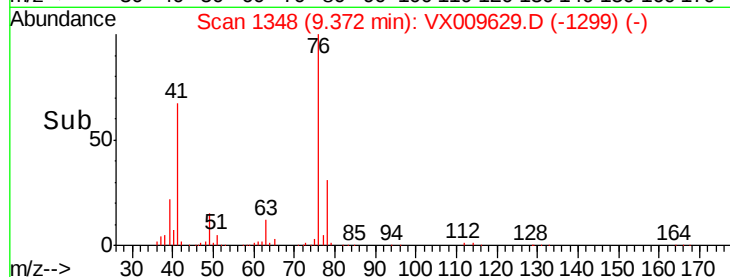
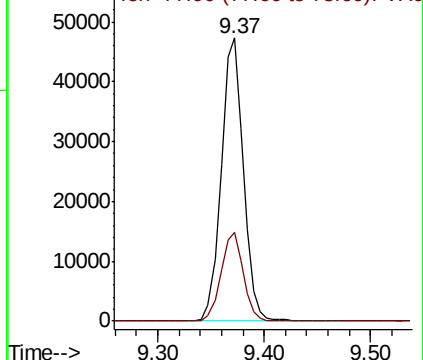
76 100

78 31.6 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: 90.909 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009629.D

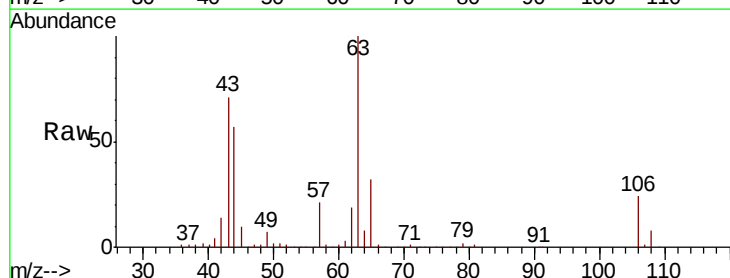
Acq: 17 May 2019 00:33

Tgt Ion: 63 Resp: 160201

Ion Ratio Lower Upper

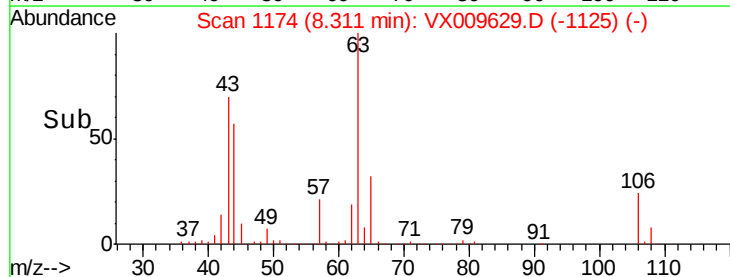
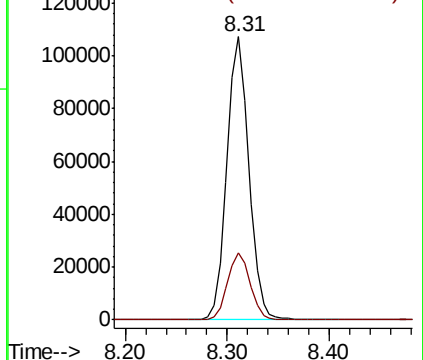
63 100

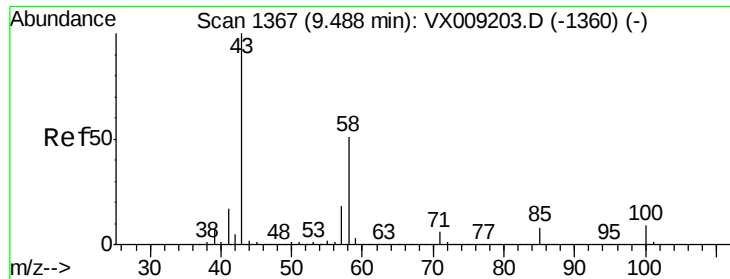
106 24.3 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

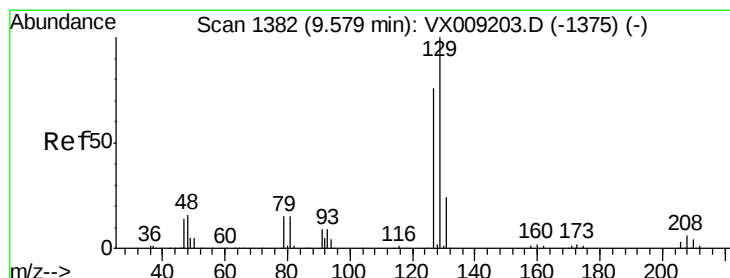
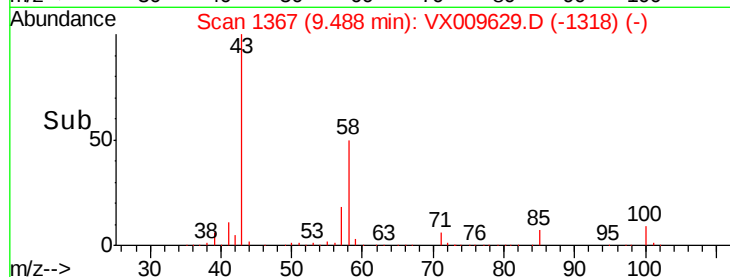
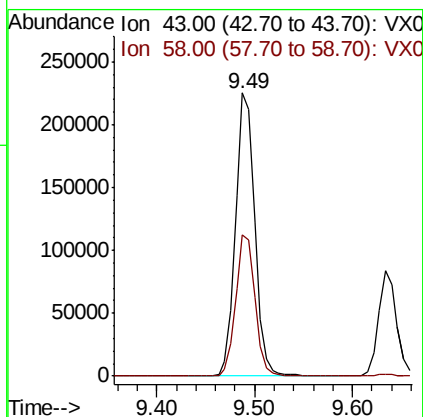
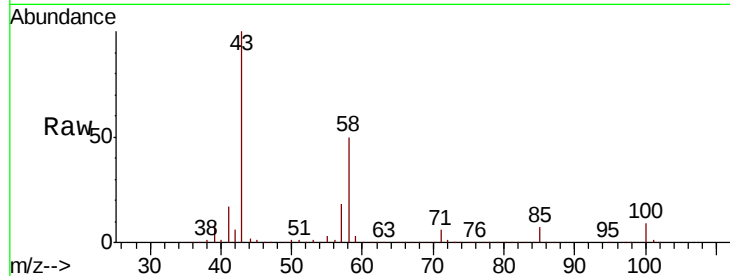




#59
2-Hexanone
Concen: 110.791 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

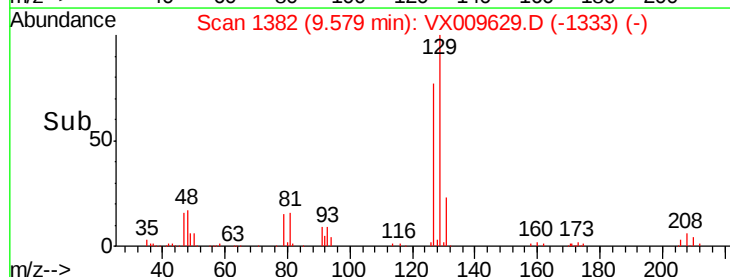
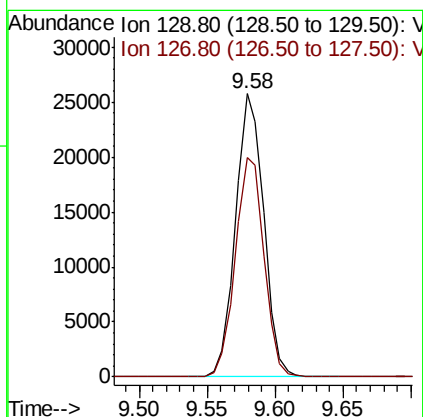
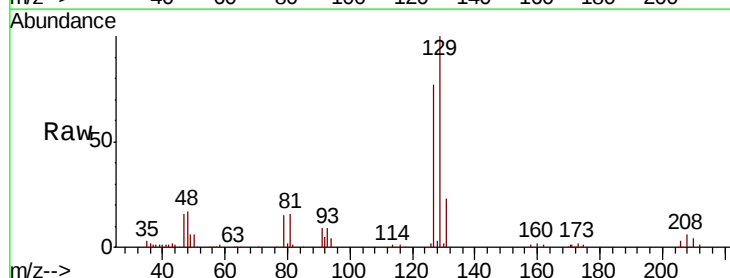
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

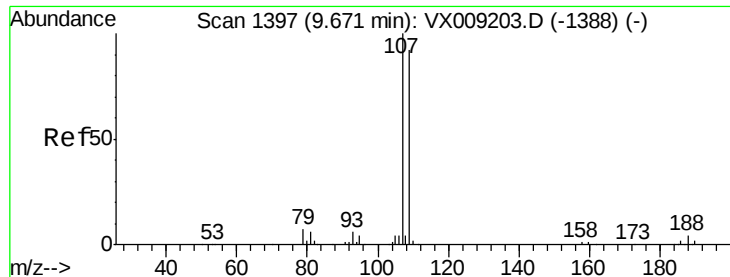
Tot Ion: 43 Resp: 307328
Ion Ratio Lower Upper
43 100
58 50.3 25.9 77.7



#60
Dibromochloromethane
Concen: 20.423 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 129 Resp: 37119
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.784 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

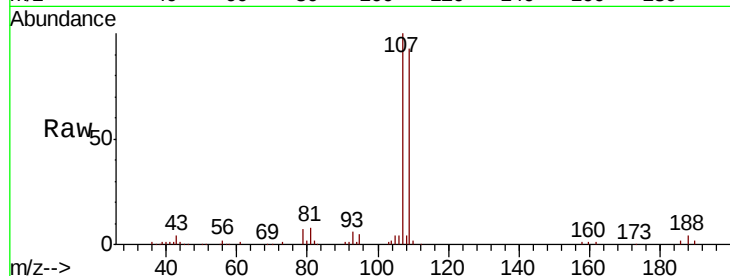
VX0516WBS02

Tot Ion:107 Resp: 39041

Ion Ratio Lower Upper

107 100

109 95.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

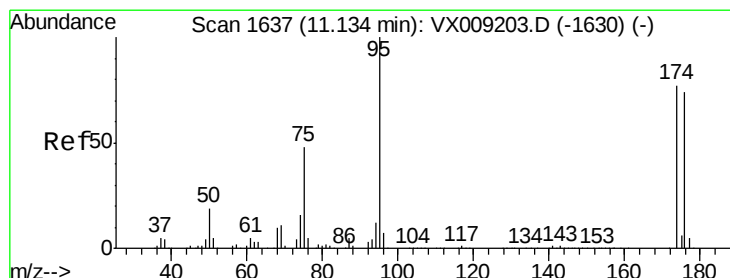
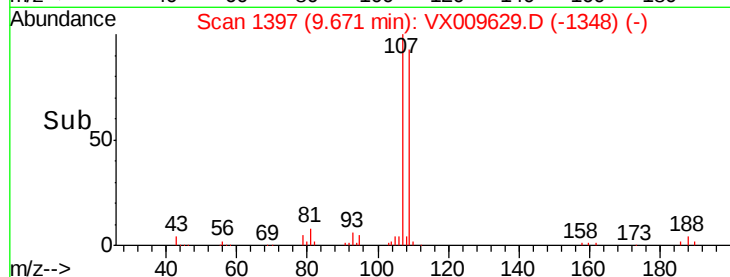
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.922 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

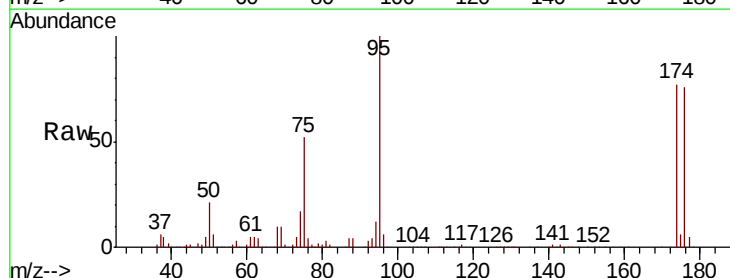
Tgt Ion: 95 Resp: 117710

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

176 79.6 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

11.13

120000

100000

80000

60000

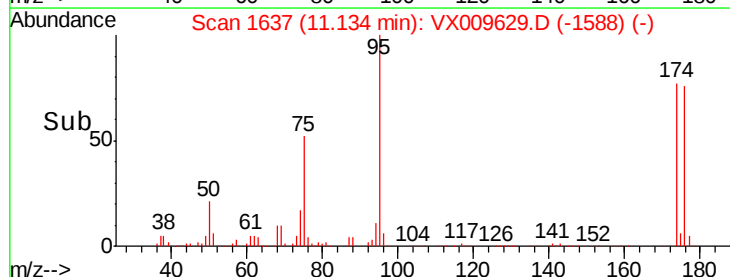
40000

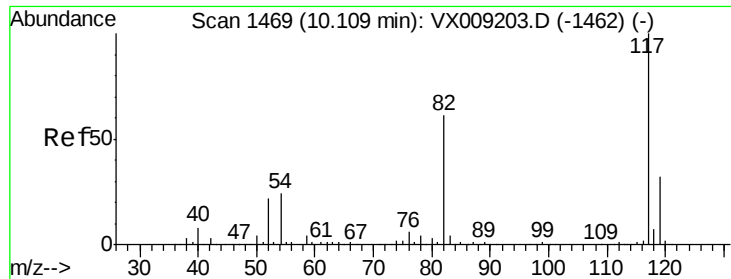
20000

0

11.05 11.10 11.15 11.20

Time-->

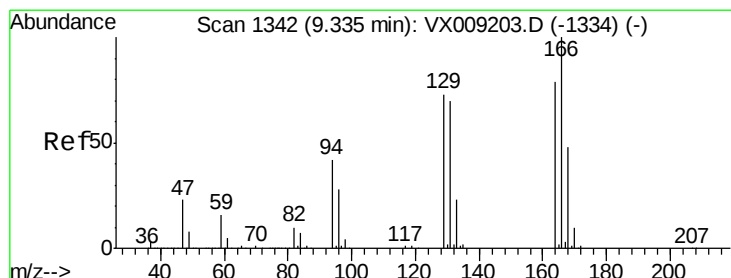
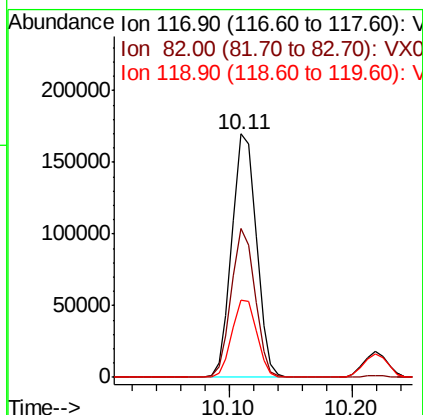
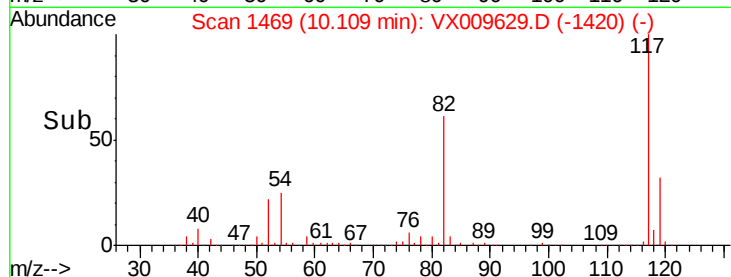
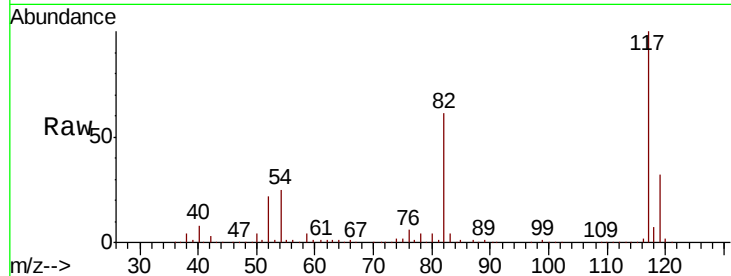




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

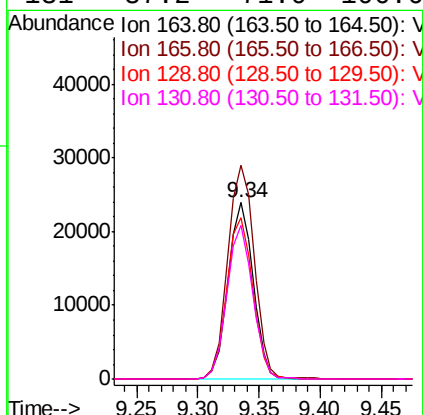
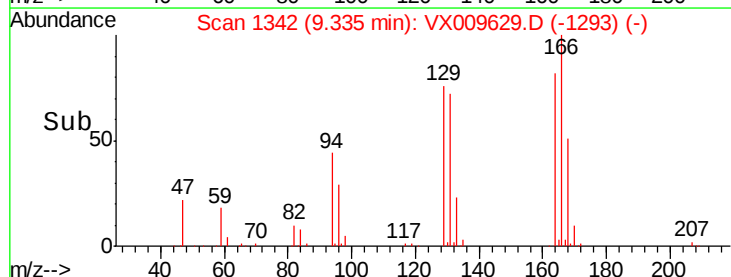
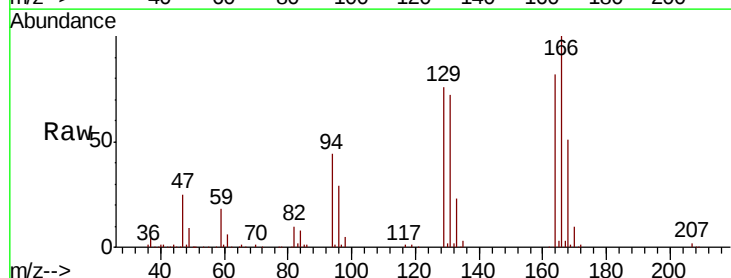
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

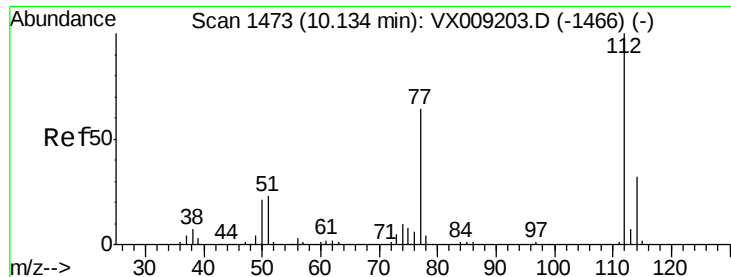
Tot Ion:117 Resp: 235735
Ion Ratio Lower Upper
117 100
82 61.1 48.8 73.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 20.974 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:164 Resp: 33915
Ion Ratio Lower Upper
164 100
166 121.2 101.2 151.8
129 91.6 74.3 111.5
131 87.2 71.0 106.6

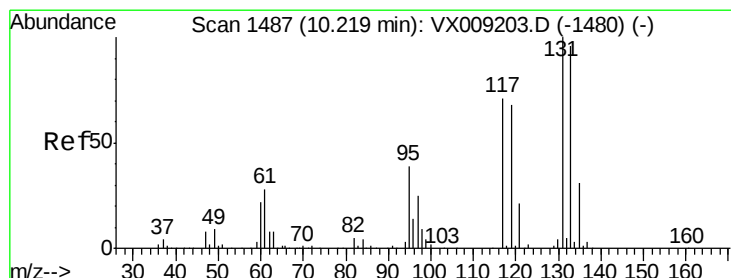
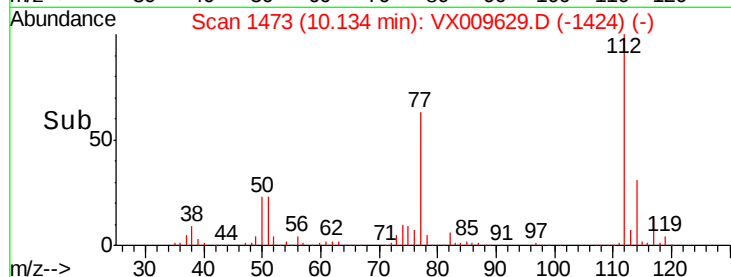
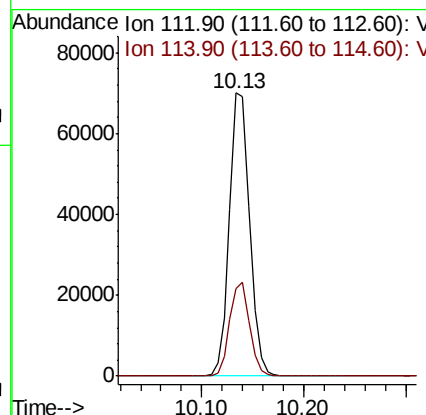
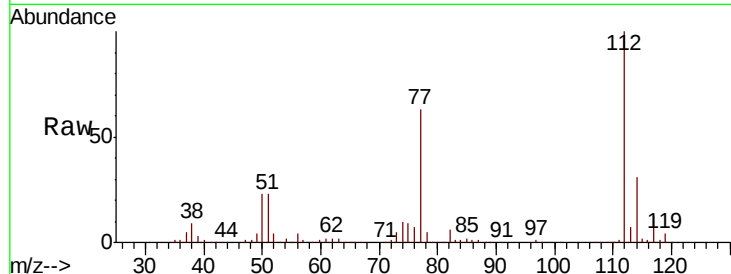




#65
Chlorobenzene
Concen: 20.504 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

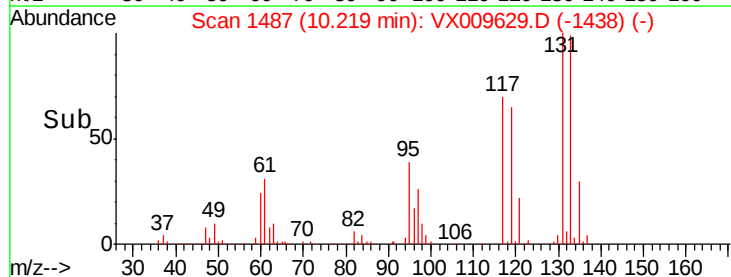
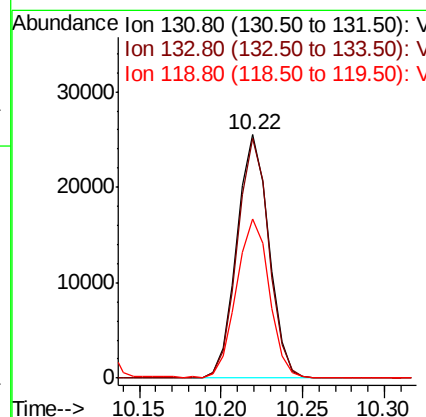
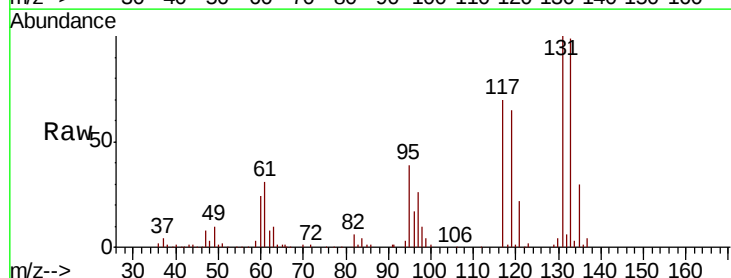
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

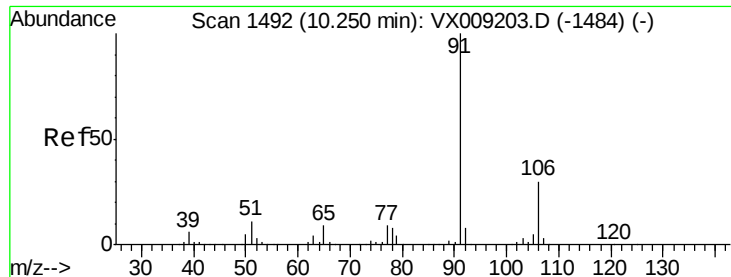
Tot Ion:112 Resp: 96691
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.434 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:131 Resp: 34936
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 67.1 33.5 100.4

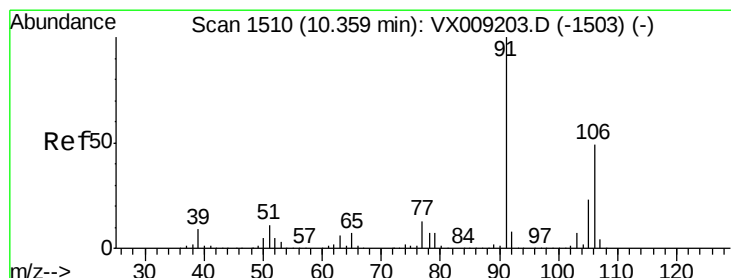
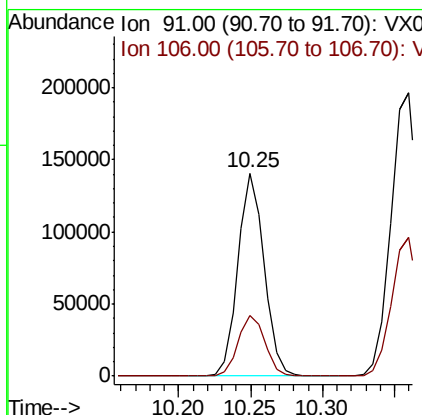
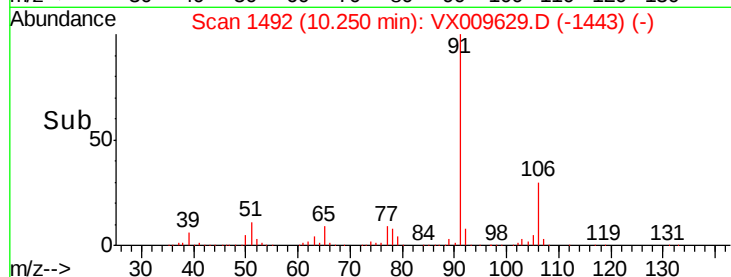
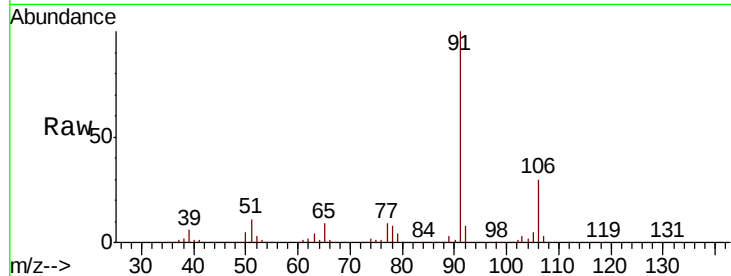




#67
Ethyl Benzene
Concen: 20.542 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

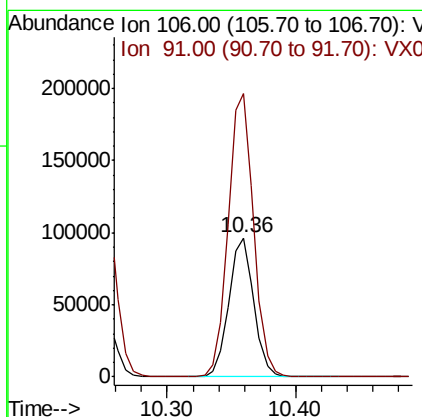
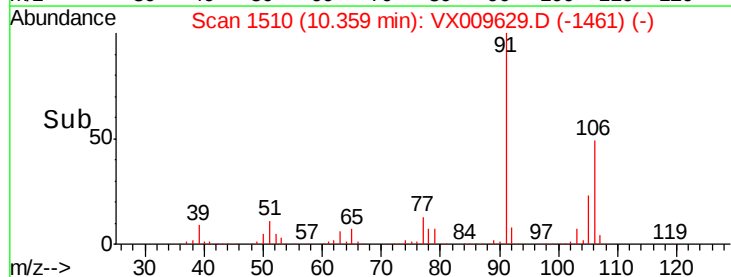
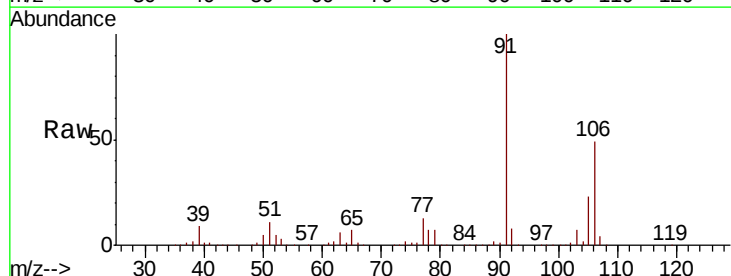
Instrument :
MSVOA_X
ClientSampled :
VX0516WBS02

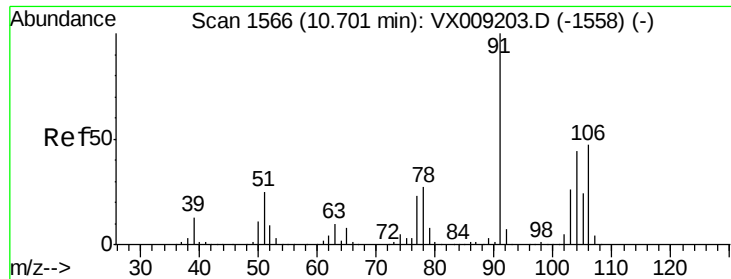
Tot Ion: 91 Resp: 178278
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



#68
m/p-Xylenes
Concen: 41.244 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:106 Resp: 130806
Ion Ratio Lower Upper
106 100
91 206.9 164.0 246.0

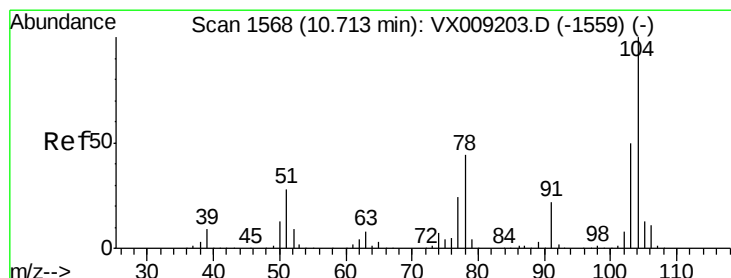
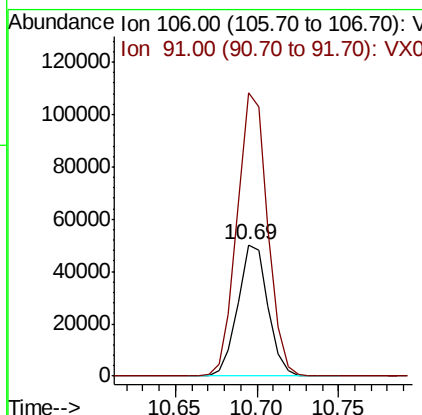
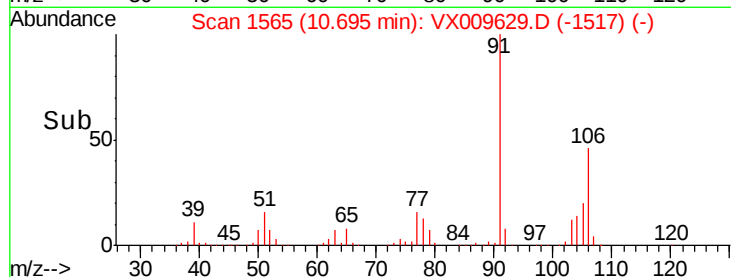
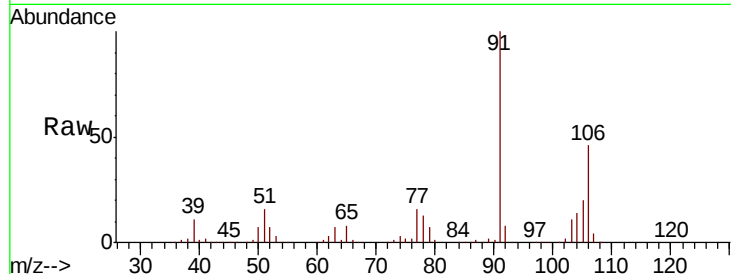




#69
o-Xylene
Concen: 20.652 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

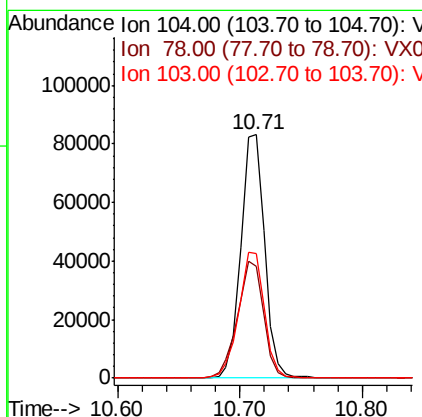
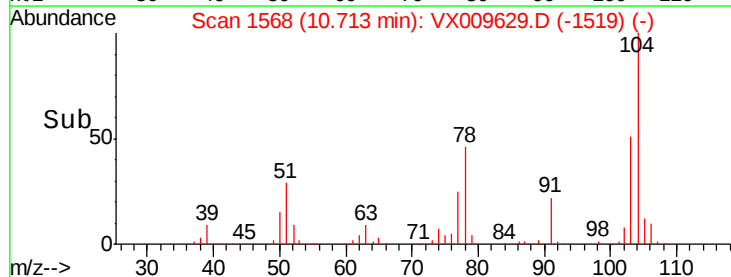
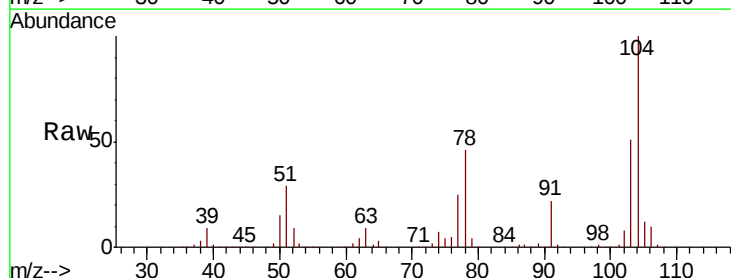
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

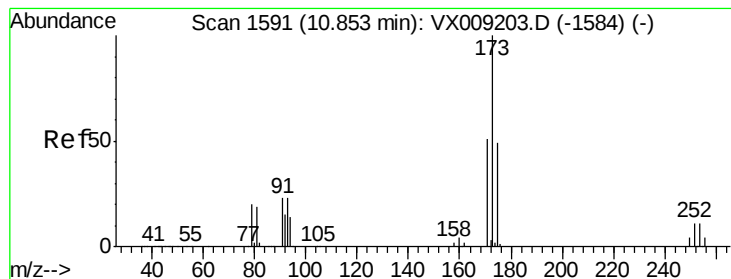
Tot Ion:106 Resp: 64623
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.4



#70
Styrene
Concen: 20.596 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:104 Resp: 112016
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 55.6 43.8 65.6





#71

Bromoform

Concen: 20.260 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

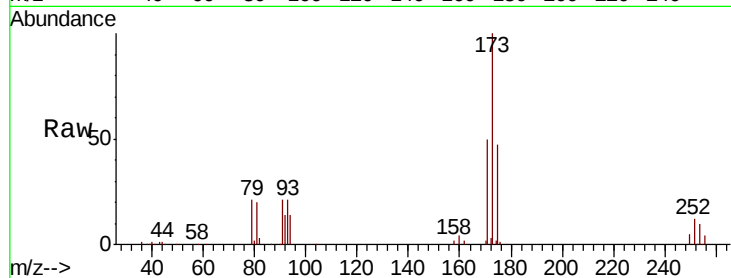
Tot Ion:173 Resp: 28149

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

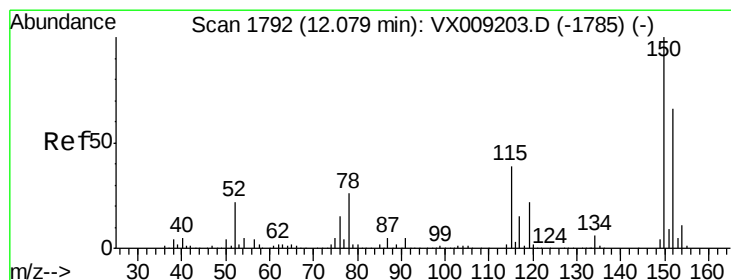
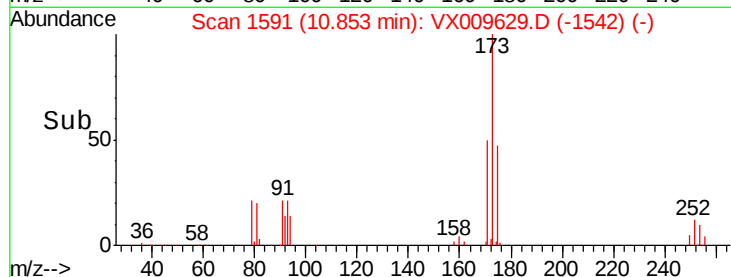
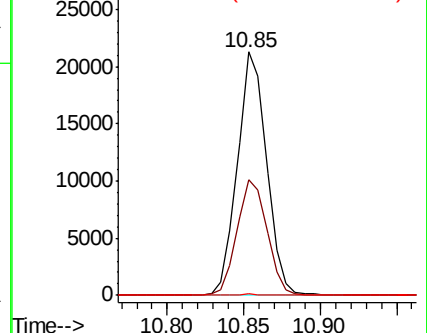
254 0.1 0.1 0.1#



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: VX009629.D

Acq: 17 May 2019 00:33

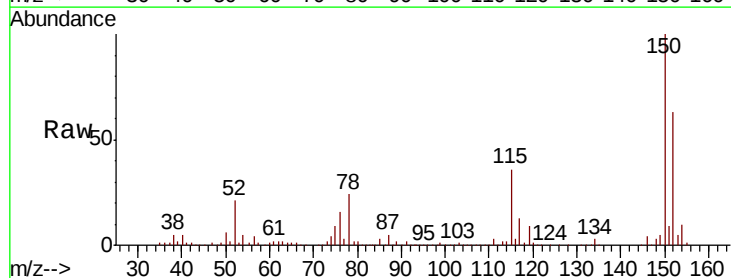
Tgt Ion:152 Resp: 117558

Ion Ratio Lower Upper

152 100

115 66.9 41.2 123.6

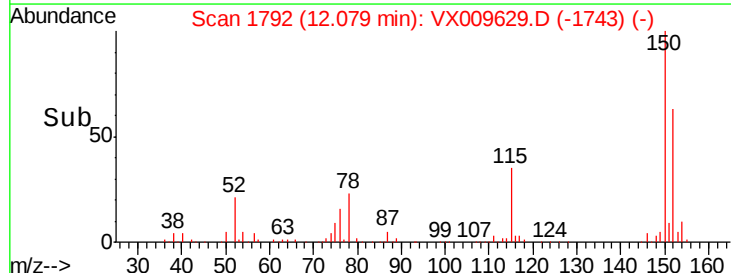
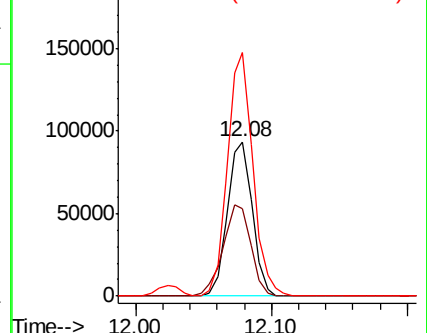
150 162.1 0.0 346.4

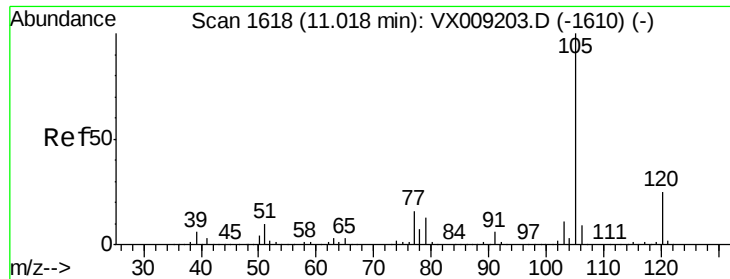


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.249 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

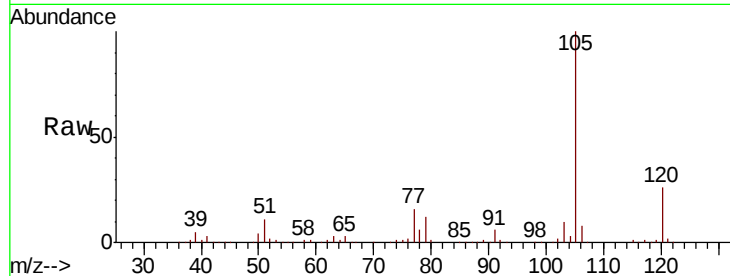
VX0516WBS02

Tot Ion:105 Resp: 173106

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

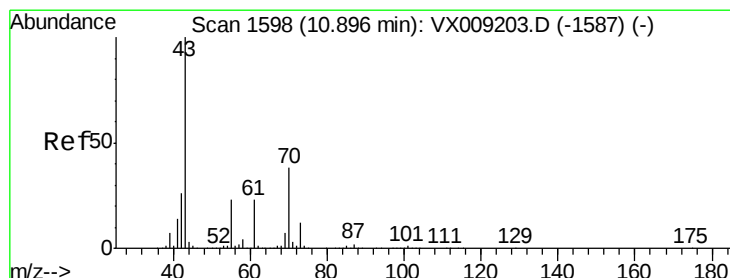
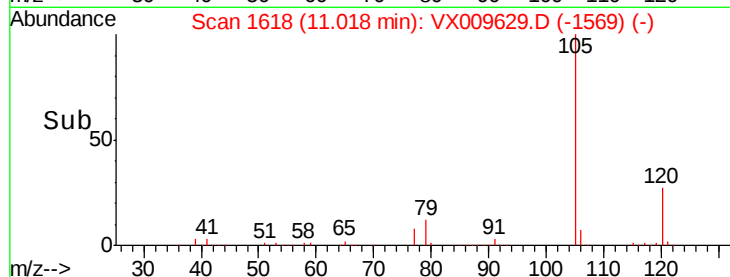
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.036 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 104842

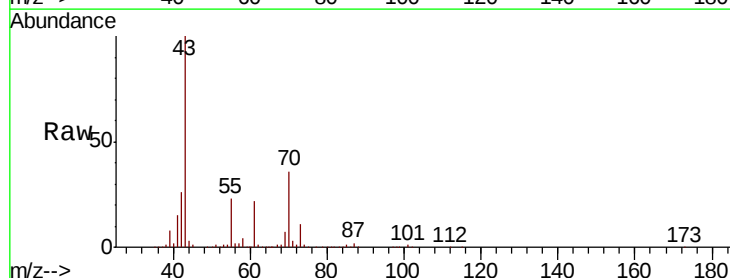
Ion Ratio Lower Upper

43 100

70 36.5 30.0 45.0

55 23.2 17.9 26.9

61 21.5 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

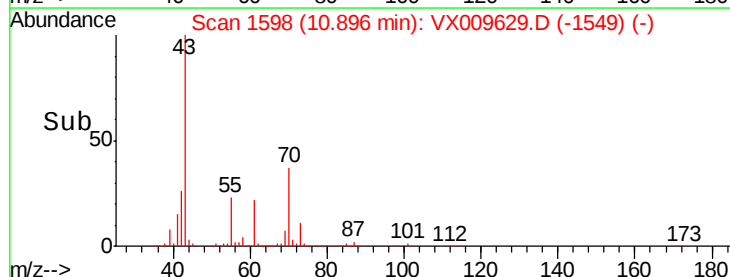
10.90

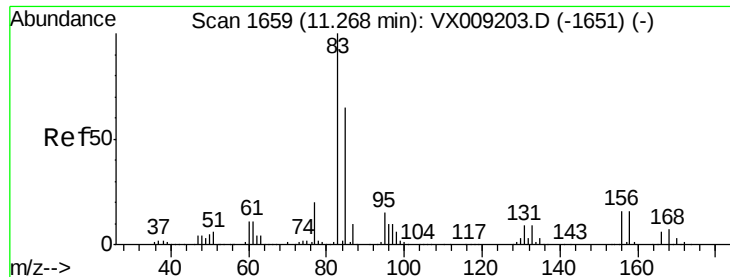
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.449 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

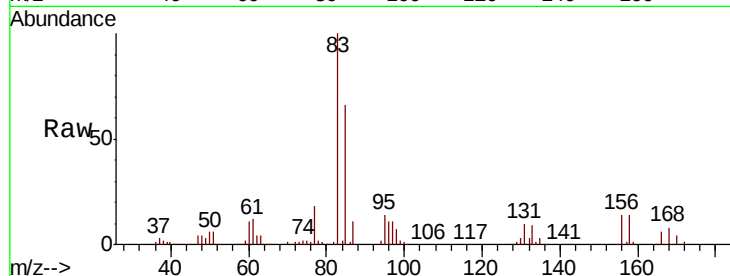
Tot Ion: 83 Resp: 65168

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

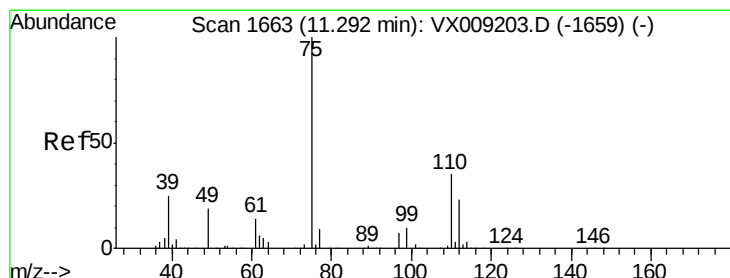
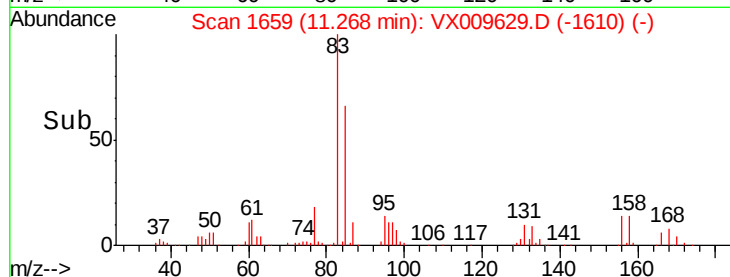
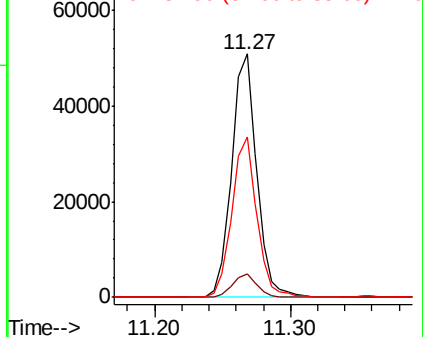
85 65.6 32.0 96.2



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: 26.644 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009629.D

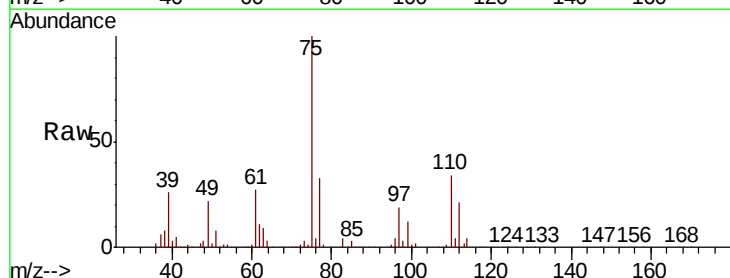
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 72656

Ion Ratio Lower Upper

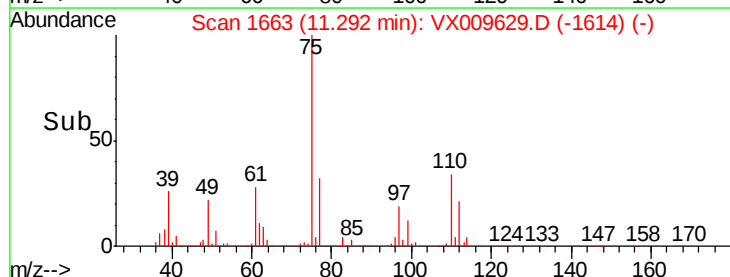
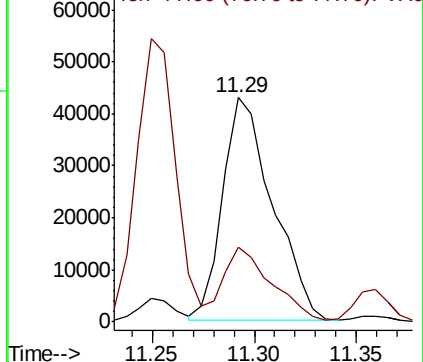
75 100

77 32.5 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: 20.155 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

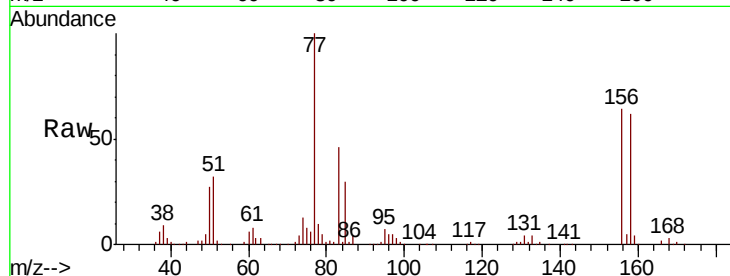
Tot Ion:156 Resp: 42765

Ion Ratio Lower Upper

156 100

77 168.7 84.8 254.3

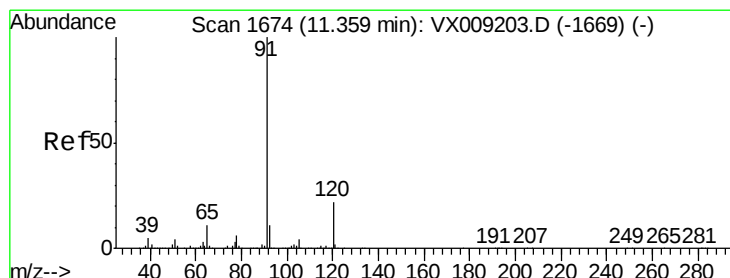
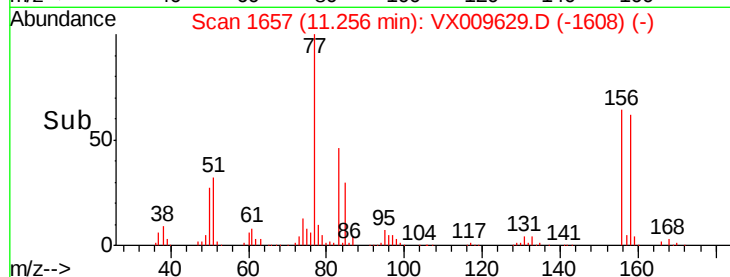
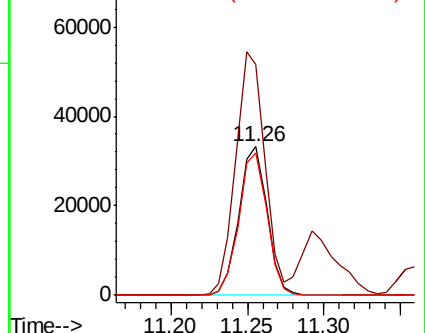
158 96.1 49.1 147.3



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: 19.809 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009629.D

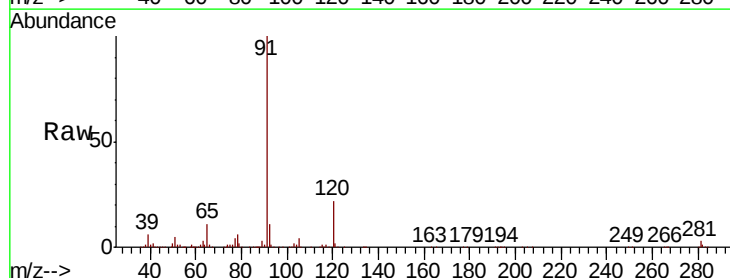
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 193391

Ion Ratio Lower Upper

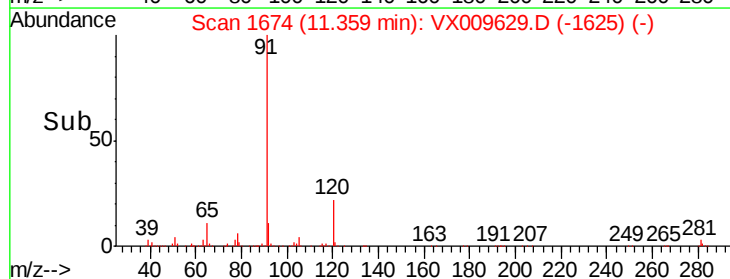
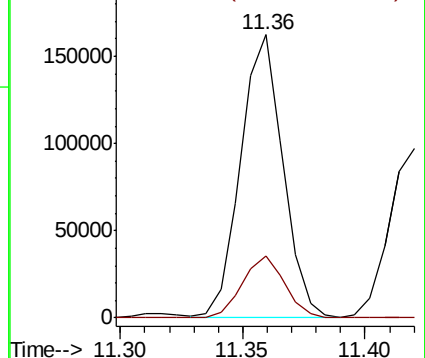
91 100

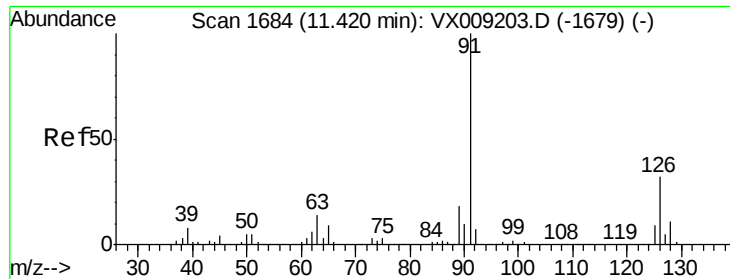
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.699 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

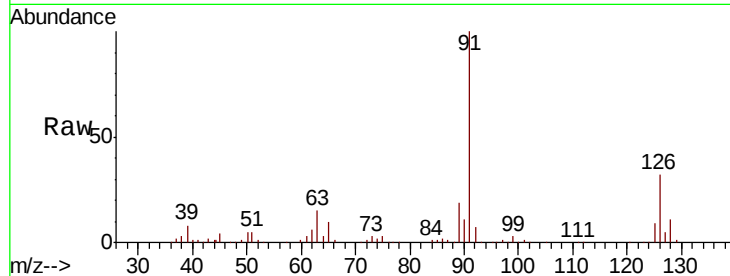
VX0516WBS02

Tot Ion: 91 Resp: 118652

Ion Ratio Lower Upper

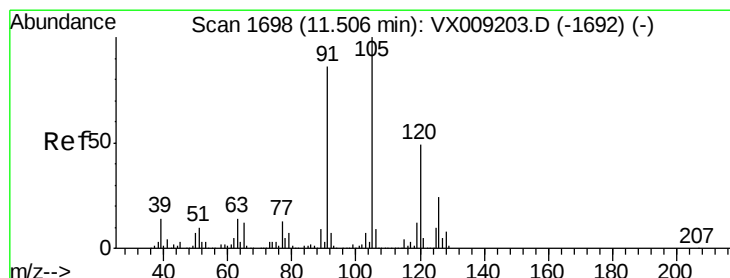
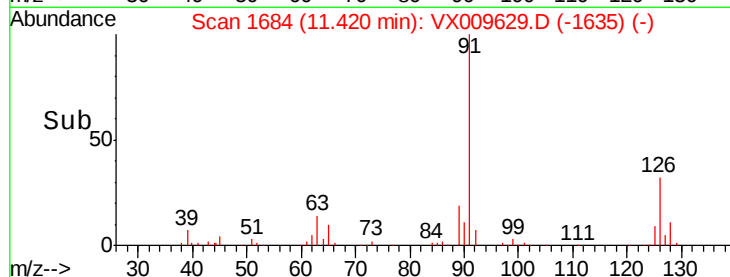
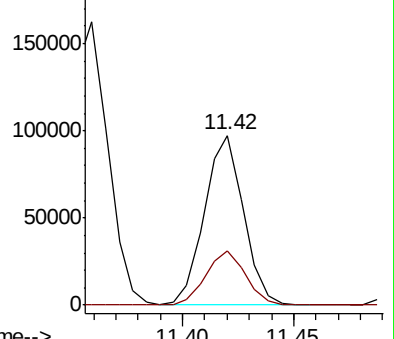
91 100

126 32.4 16.3 48.9



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

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



#80

1,3,5-Trimethylbenzene

Concen: 20.222 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009629.D

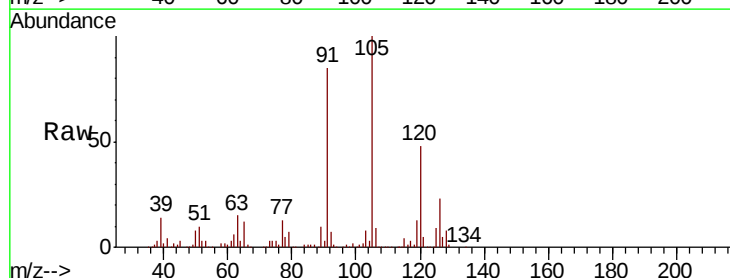
Acq: 17 May 2019 00:33

Tgt Ion:105 Resp: 145556

Ion Ratio Lower Upper

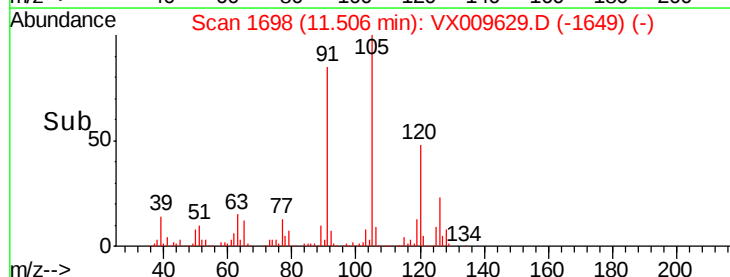
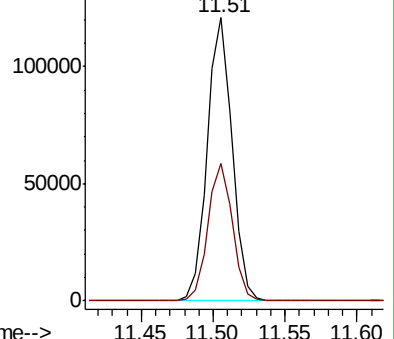
105 100

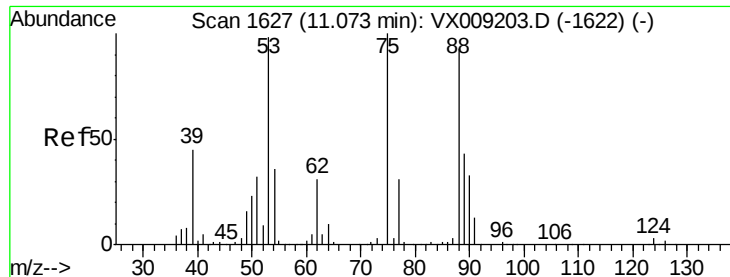
120 47.8 24.3 72.9



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.968 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

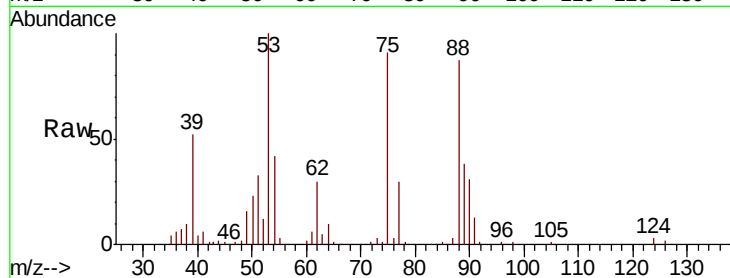
Tot Ion: 75 Resp: 18084

Ion Ratio Lower Upper

75 100

53 111.0 79.0 118.6

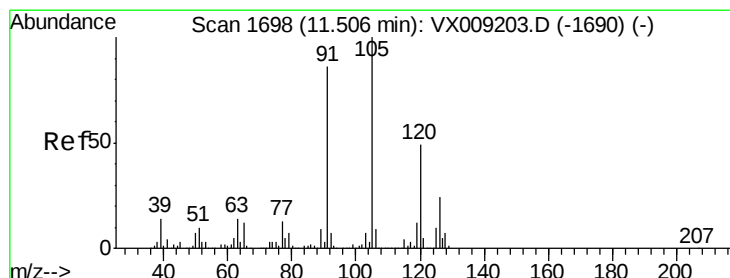
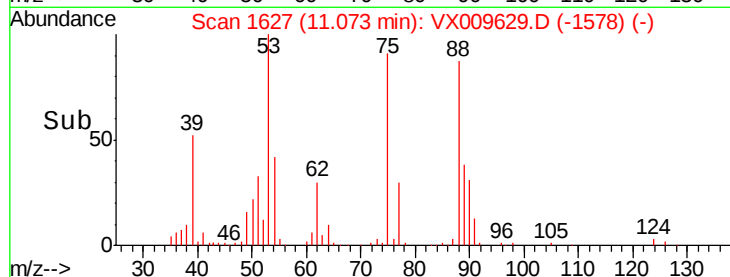
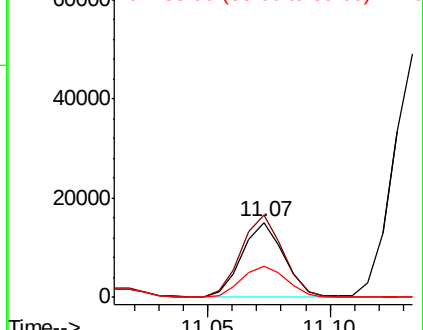
89 44.6 34.7 52.1



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: 19.822 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009629.D

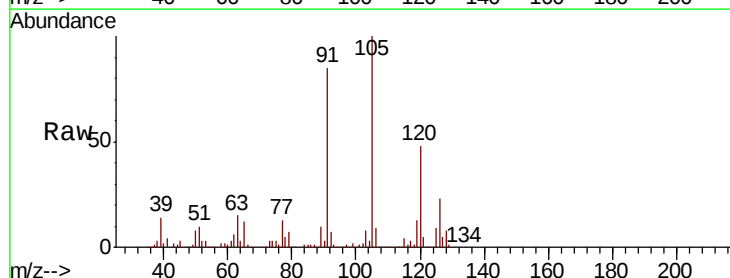
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 134883

Ion Ratio Lower Upper

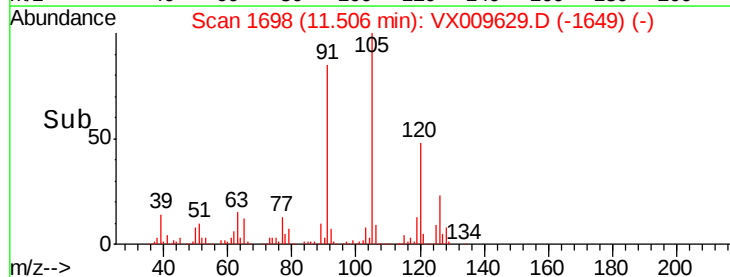
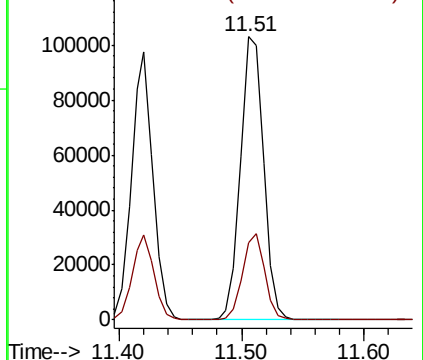
91 100

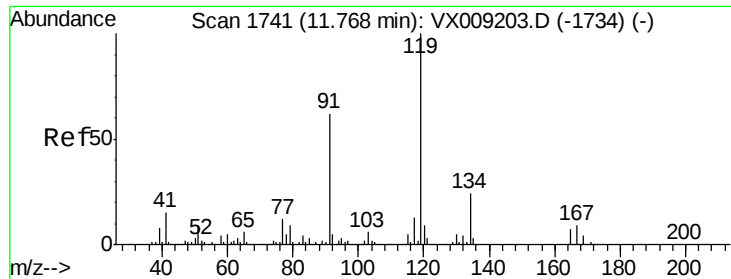
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

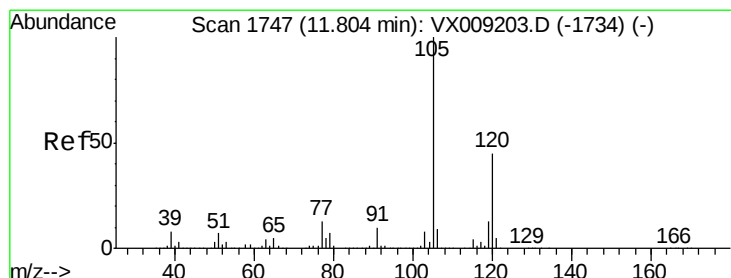
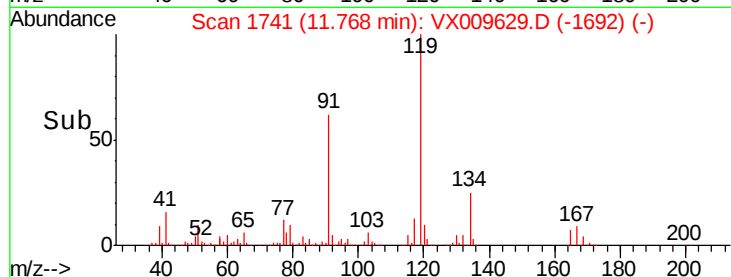
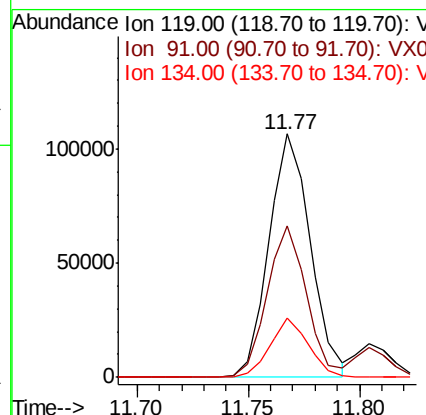
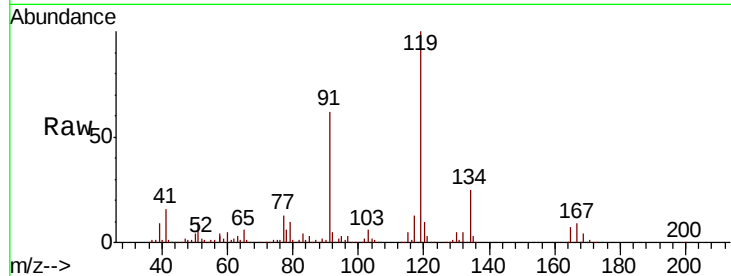




#83
 tert-Butylbenzene
 Concen: 19.707 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

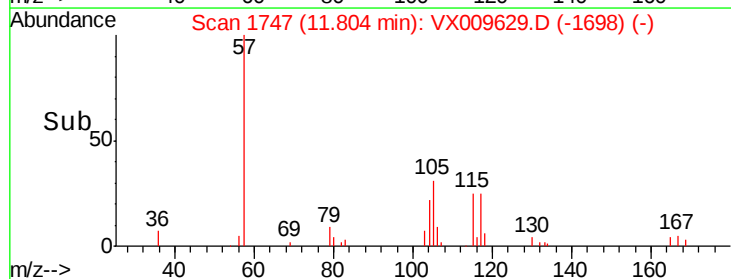
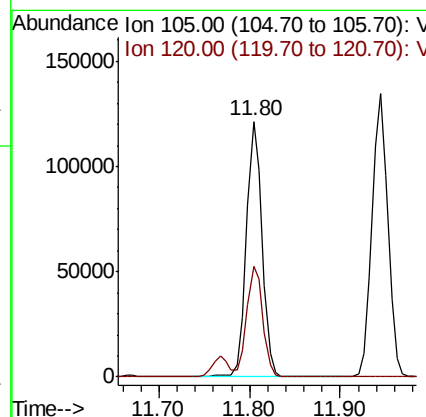
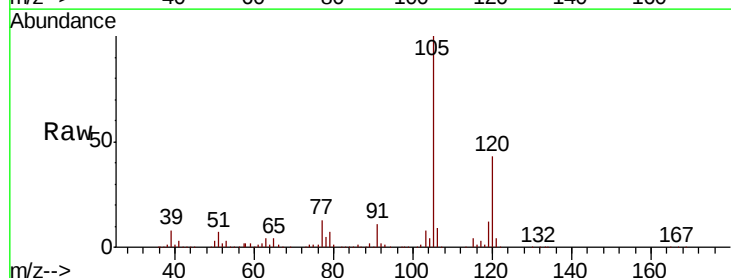
Instrument :
 MSVOA_X
 ClientSampled :
 VX0516WBS02

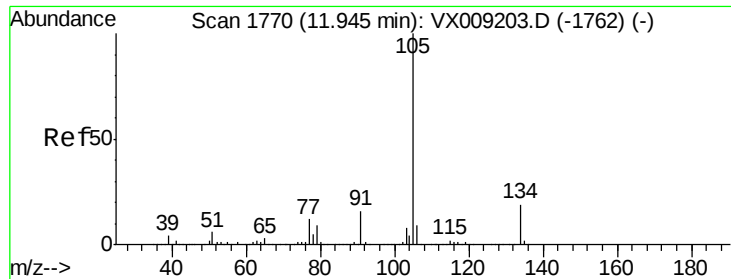
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.5	88.5
134	22.6	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.096 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.0	66.0





#85

sec-Butylbenzene

Concen: 19.703 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

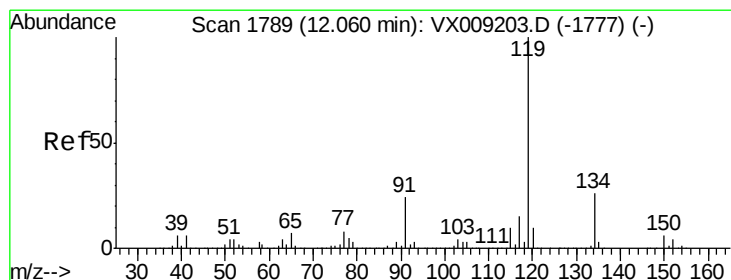
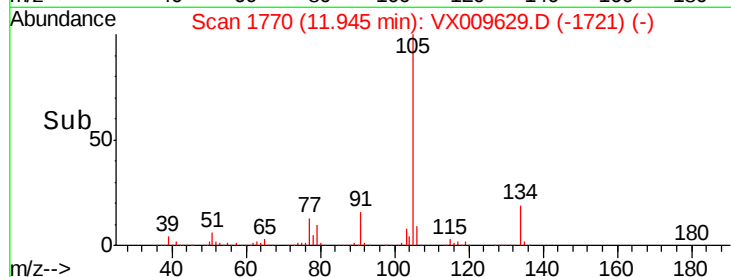
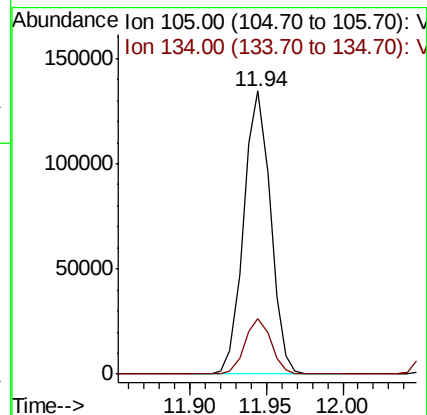
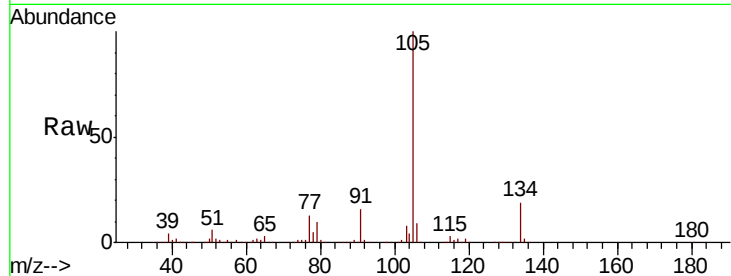
VX0516WBS02

Tot Ion:105 Resp: 163564

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.744 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

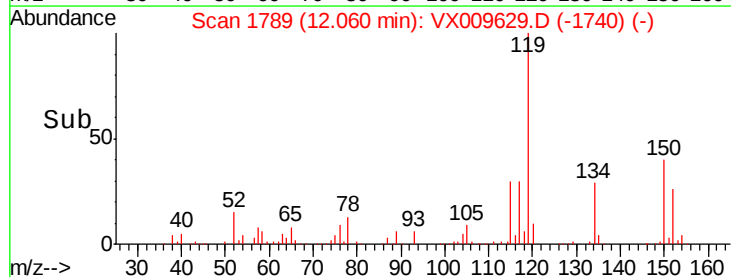
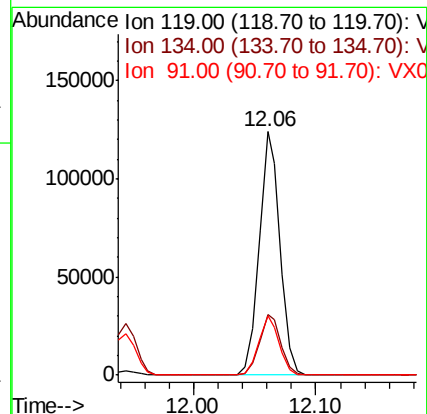
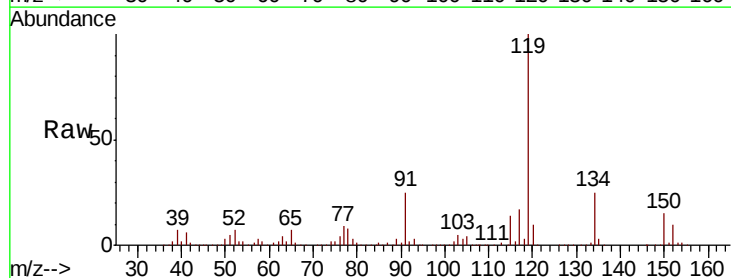
Tgt Ion:119 Resp: 147354

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.0 11.8 35.4

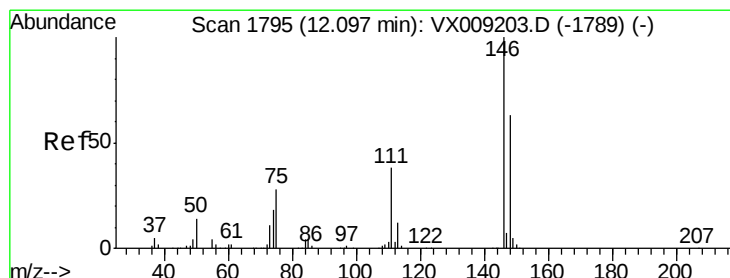
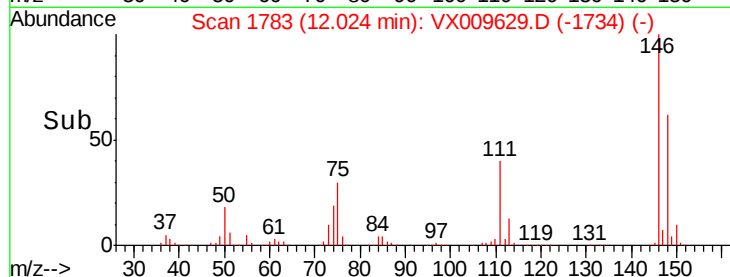
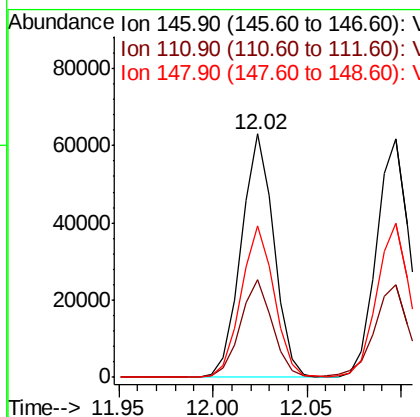
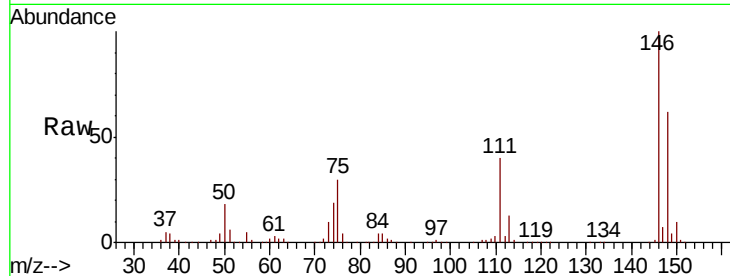




#87
 1,3-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

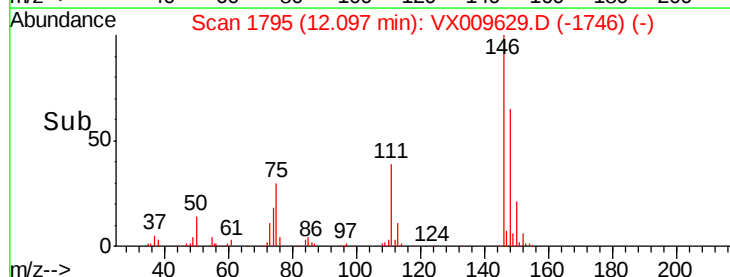
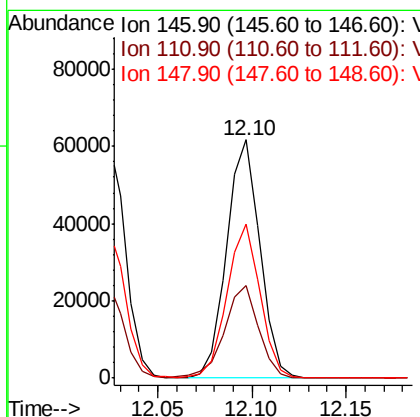
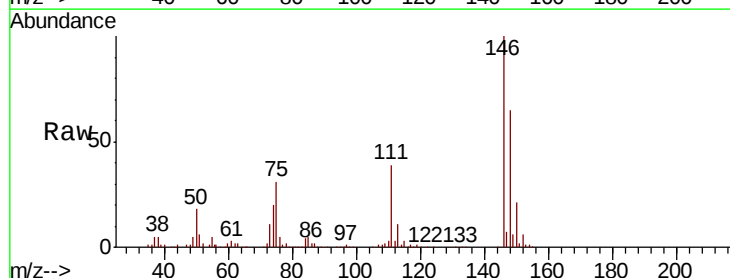
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

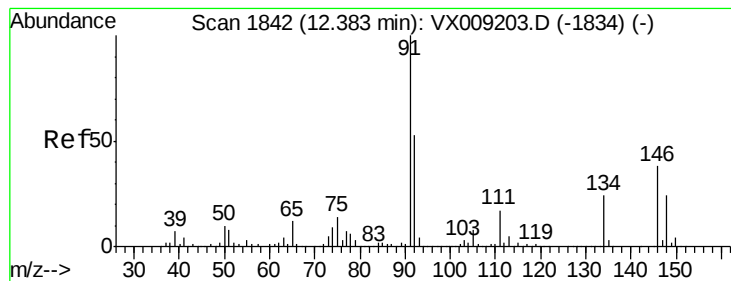
Tot Ion:146 Resp: 75827
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 62.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.779 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion:146 Resp: 75425
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.6 58.8
 148 63.8 31.8 95.3





#89

n-Butylbenzene

Concen: 19.074 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009629.D

Acq: 17 May 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBS02

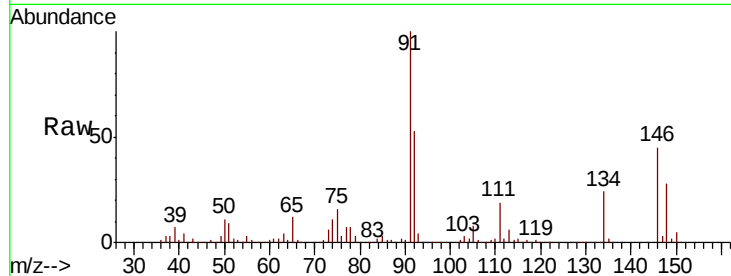
Tot Ion: 91 Resp: 128663

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 24.7 12.4 37.2

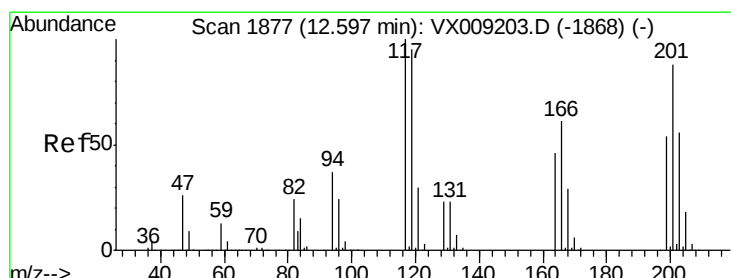
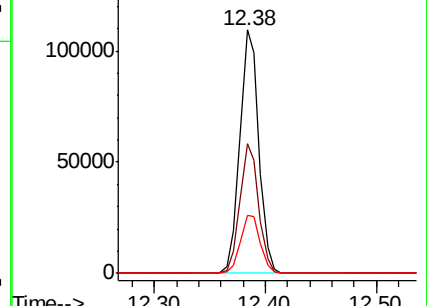
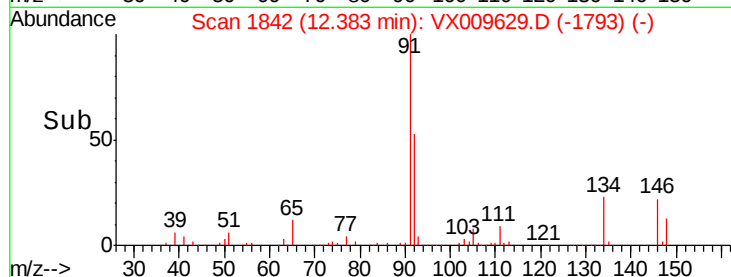


Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX009203.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX009203.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 19.081 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009629.D

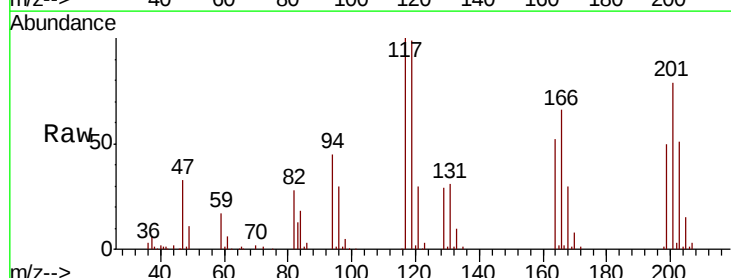
Acq: 17 May 2019 00:33

Tgt Ion: 117 Resp: 24261

Ion Ratio Lower Upper

117 100

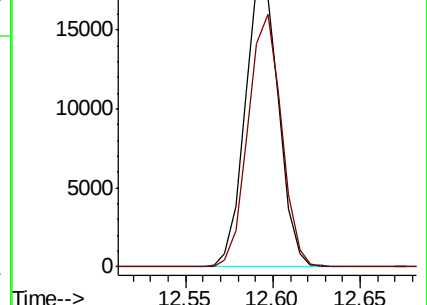
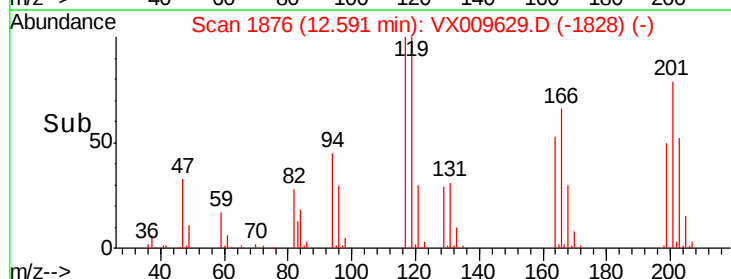
201 87.3 42.3 126.9

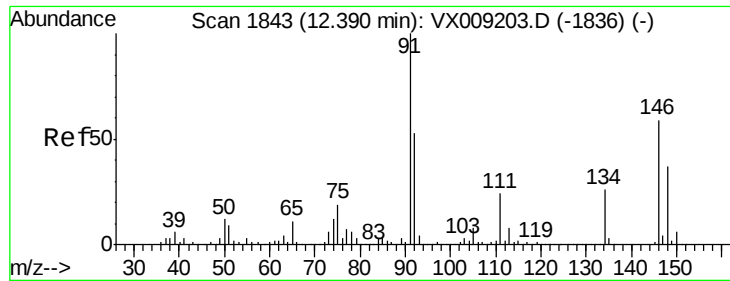


Abundance Ion 116.80 (116.50 to 117.50): VX009203.D (-1868) (-)

Ion 200.70 (200.40 to 201.40): VX009203.D (-1868) (-)

Time-->

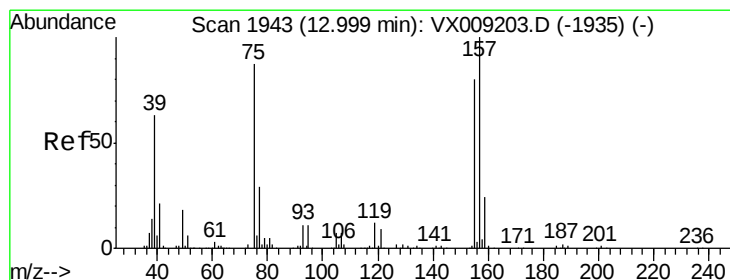
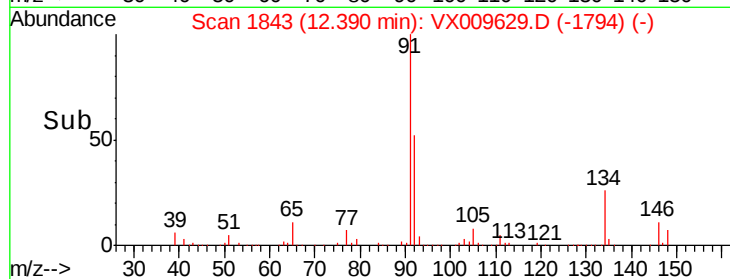
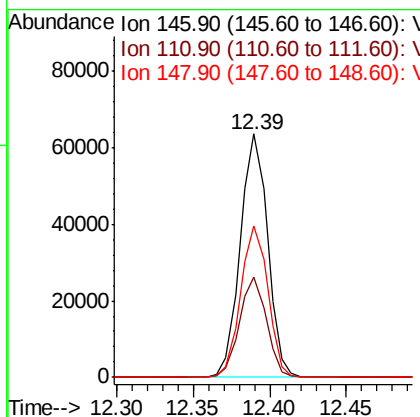
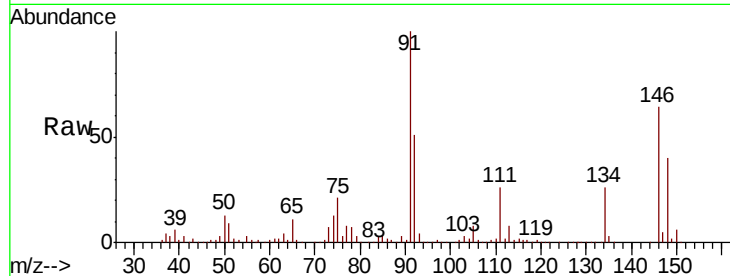




#91
 1,2-Dichlorobenzene
 Concen: 20.473 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

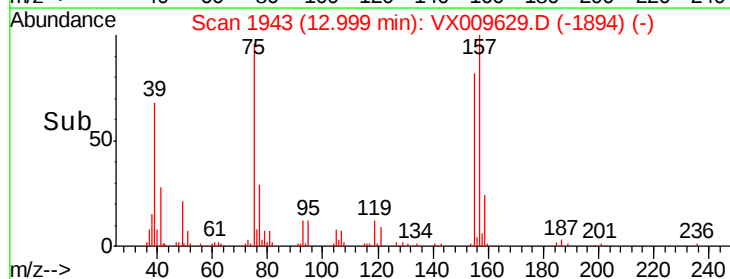
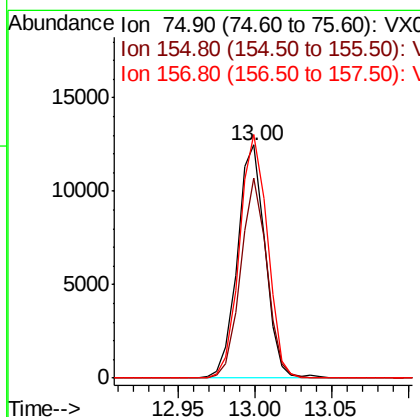
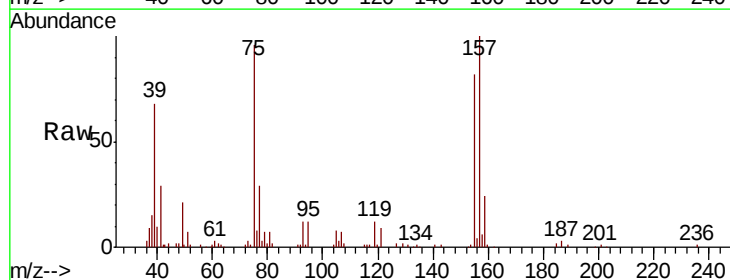
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

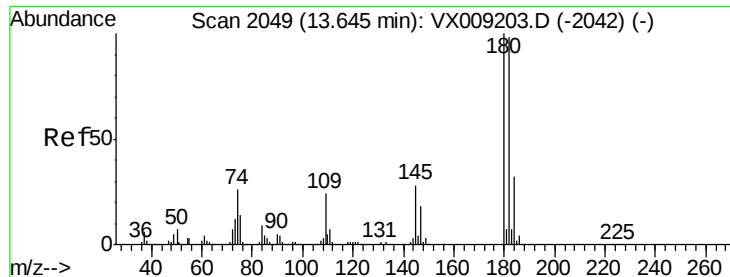
Tot Ion:146 Resp: 78874
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.4
 148 62.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.943 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 15687
 Ion Ratio Lower Upper
 75 100
 155 80.9 42.0 126.0
 157 105.2 53.2 159.6

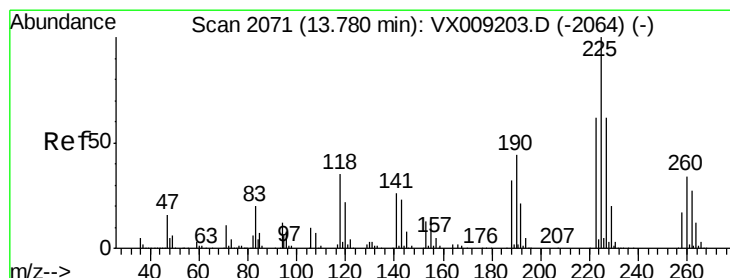
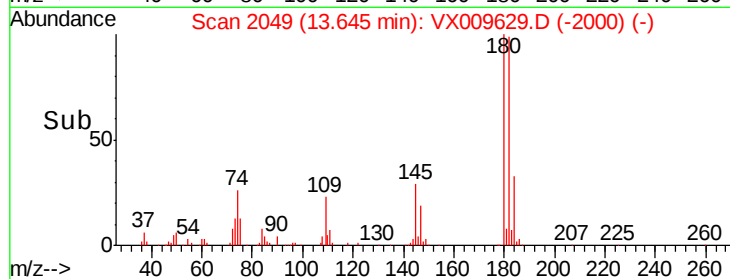
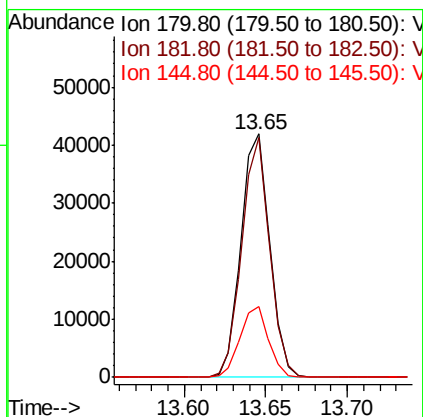
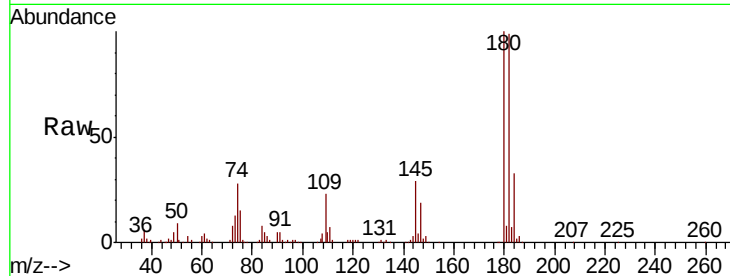




#93
 1,2,4-Trichlorobenzene
 Concen: 19.647 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

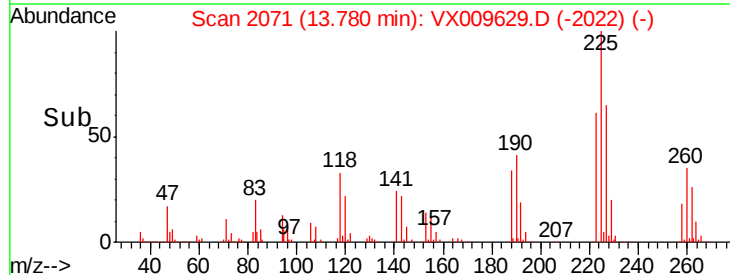
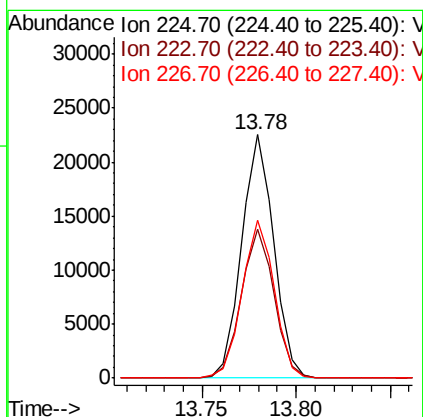
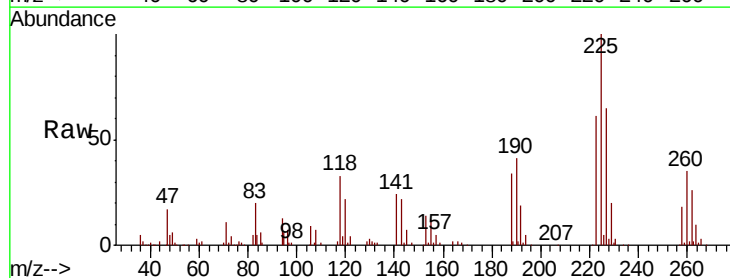
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

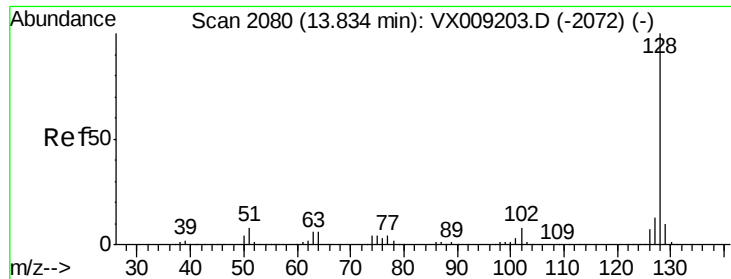
Tot Ion:180 Resp: 51762
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.2
 145 28.8 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 19.702 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009629.D
 Acq: 17 May 2019 00:33

Tgt Ion:225 Resp: 26507
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 65.0 31.8 95.3

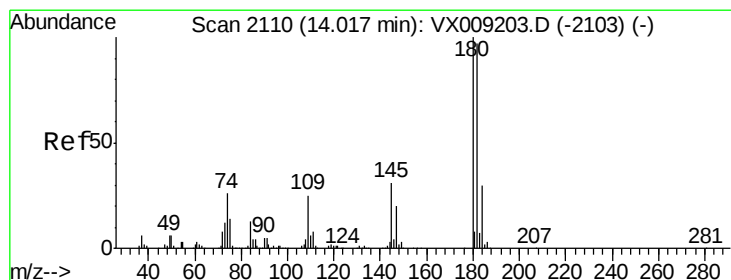
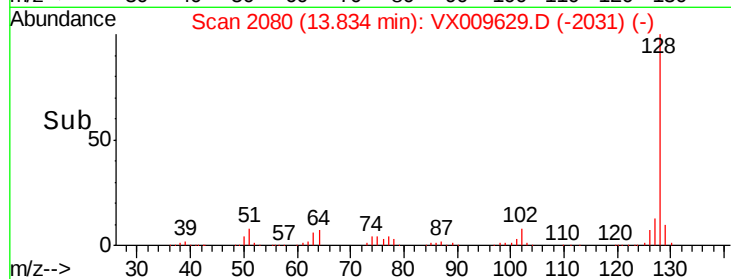
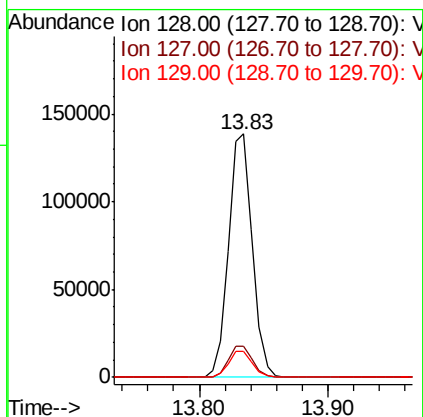
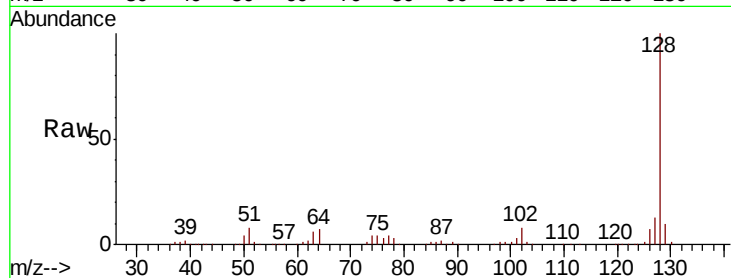




#95
Naphthalene
Concen: 20.984 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

Tot Ion:128 Resp: 179859
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.420 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:180 Resp: 54534
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.4
145 31.3 15.4 46.4

