

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052419\
 Data File : VX009899.D
 Acq On : 24 May 2019 20:04
 Operator : JC/SP
 Sample : K3032-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

Quant Time: May 25 00:17:07 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	5.67	168	163001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122748	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112336	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	5.50	113	78474	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
50) Toluene-d8	8.71	98	322638	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	120240	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	63811	42.482	ug/l	99
3) Chloromethane	1.32	50	101042	49.271	ug/l	99
4) Vinyl Chloride	1.41	62	126313	63.165	ug/l	98
5) Bromomethane	1.64	94	51056	42.538	ug/l	96
6) Chloroethane	1.71	64	59867	46.629	ug/l	99
7) Trichlorofluoromethane	1.92	101	116220	47.812	ug/l	99
8) Diethyl Ether	2.19	74	54753	47.553	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69341	45.427	ug/l	100
10) Methyl Iodide	2.51	142	71328	41.116	ug/l	99
11) Tert butyl alcohol	3.06	59	122180	237.211	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75010	49.045	ug/l	98
13) Acrolein	2.29	56	105217	225.563	ug/l	100
14) Allyl chloride	2.73	41	179906	48.268	ug/l	99
15) Acrylonitrile	3.14	53	315292	250.354	ug/l	99
16) Acetone	2.45	43	312836	261.826	ug/l	97
17) Carbon Disulfide	2.57	76	207206	48.255	ug/l	99
18) Methyl Acetate	2.78	43	131792	46.381	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	283230	47.689	ug/l	99
20) Methylene Chloride	2.85	84	88513	45.753	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	317574	191.464	ug/l	97
22) Diisopropyl ether	3.85	45	353193	49.275	ug/l	95
23) Vinyl Acetate	3.82	43	1490717	242.870	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167537	47.381	ug/l	99
25) 2-Butanone	4.68	43	479110	258.041	ug/l	97
26) 2,2-Dichloropropane	4.59	77	100409	38.150	ug/l #	42
27) cis-1,2-Dichloroethene	4.60	96	817599	412.971	ug/l	92
28) Bromochloromethane	5.02	49	85774	60.855	ug/l	97
29) Tetrahydrofuran	5.13	42	315376	263.959	ug/l	96
30) Chloroform	5.21	83	153224	47.911	ug/l	98
31) Cyclohexane	5.58	56	160956	48.926	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	124989	46.949	ug/l	98
36) 1,1-Dichloropropene	5.80	75	116393	46.750	ug/l	99
37) Ethyl Acetate	4.84	43	164145	47.319	ug/l #	80
38) Carbon Tetrachloride	5.79	117	103876	45.921	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	140429	45.928	ug/l	96
40) Benzene	6.14	78	360871	46.835	ug/l	100
41) Methacrylonitrile	5.04	41	102166	49.477	ug/l	98
42) 1,2-Dichloroethane	6.19	62	133551	48.319	ug/l	98
43) Isopropyl Acetate	6.45	43	267567	48.222	ug/l	98
44) Trichloroethene	7.21	130	1989537	1068.074	ug/l	96
45) 1,2-Dichloropropane	7.51	63	103655	47.509	ug/l	97
46) Dibromomethane	7.66	93	58513	46.183	ug/l	100
47) Bromodichloromethane	7.90	83	118549	46.907	ug/l	98
48) Methyl methacrylate	7.77	41	142932	51.922	ug/l	97
49) 1,4-Dioxane	7.74	88	45427	813.714	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	949160	261.714	ug/l	98
52) Toluene	8.79	92	221144	47.215	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135947	47.645	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	147819	46.805	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	87705	45.899	ug/l	95
56) Ethyl methacrylate	9.18	69	167564	49.125	ug/l	95
57) 1,3-Dichloropropane	9.37	76	157478	46.832	ug/l	99
59) 2-Hexanone	9.49	43	733949	257.673	ug/l	97
60) Dibromochloromethane	9.58	129	88839	47.602	ug/l	100
61) 1,2-Dibromoethane	9.67	107	91884	47.636	ug/l	99
64) Tetrachloroethene	9.34	164	71763	42.269	ug/l	99
65) Chlorobenzene	10.14	112	228374	46.124	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	80871	45.053	ug/l	99
67) Ethyl Benzene	10.25	91	422116	46.324	ug/l	100
68) m/p-Xylenes	10.36	106	310138	93.138	ug/l	98
69) o-Xylene	10.70	106	150028	45.665	ug/l	98
70) Styrene	10.71	104	268014	46.935	ug/l	98
71) Bromoform	10.85	173	68938	47.259	ug/l #	99
73) Isopropylbenzene	11.02	105	402190	45.058	ug/l	99
74) N-amyl acetate	10.90	43	243385	46.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	154046	46.295	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178893	62.829	ug/l	82
77) Bromobenzene	11.26	156	100072	45.169	ug/l	98
78) n-propylbenzene	11.36	91	468758	45.984	ug/l	100
79) 2-Chlorotoluene	11.42	91	281712	44.793	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	341851	45.484	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48943	43.981	ug/l	95
82) 4-Chlorotoluene	11.51	91	326894	46.009	ug/l	98
83) tert-Butylbenzene	11.77	119	333032	45.550	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	344308	45.640	ug/l	100
85) sec-Butylbenzene	11.94	105	390920	45.099	ug/l	100
86) p-Isopropyltoluene	12.06	119	355092	45.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	177669	44.985	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	179119	44.984	ug/l	99
89) n-Butylbenzene	12.38	91	330359	46.904	ug/l	100
90) Hexachloroethane	12.60	117	60904	45.875	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	176441	43.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34581	46.327	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	126594	46.019	ug/l	98

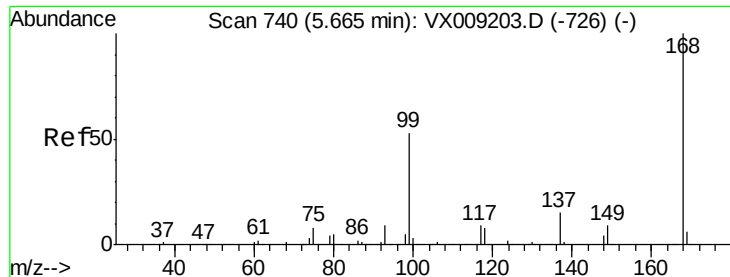
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63891	45.481	ug/l	99
95) Naphthalene	13.83	128	411610	45.991	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124493	44.645	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

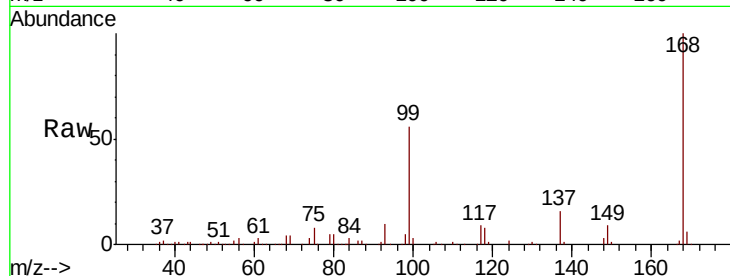
S32-0657MS

Tot Ion:168 Resp: 163001

Ion Ratio Lower Upper

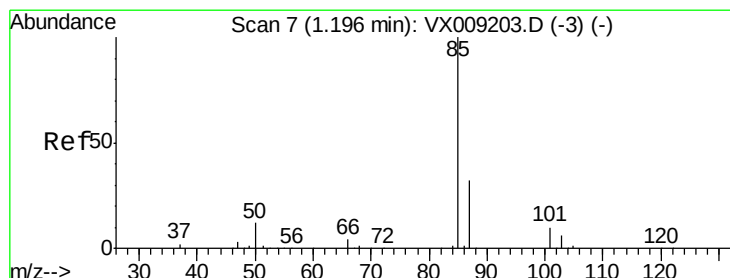
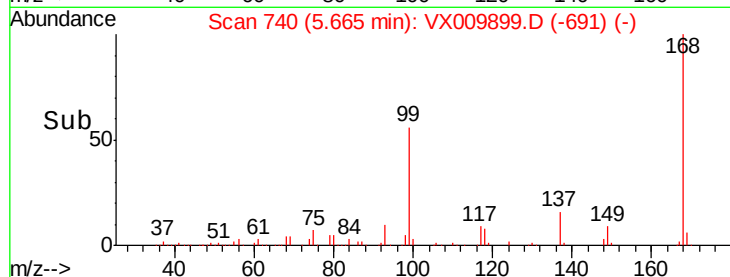
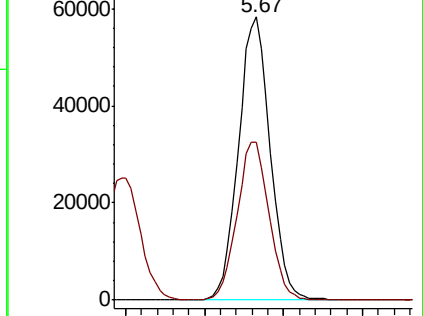
168 100

99 55.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.482 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009899.D

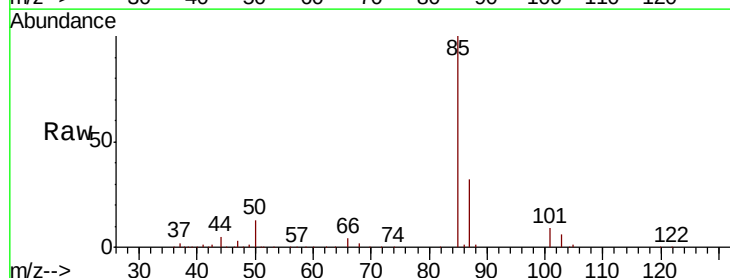
Acq: 24 May 2019 20:04

Tgt Ion: 85 Resp: 63811

Ion Ratio Lower Upper

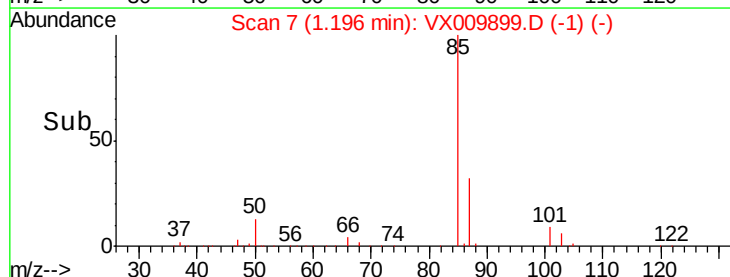
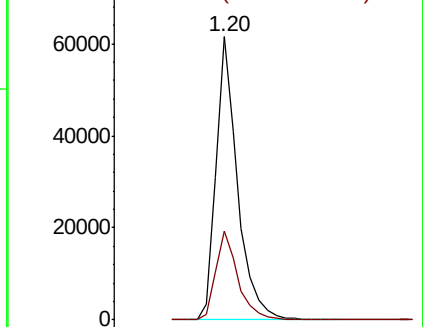
85 100

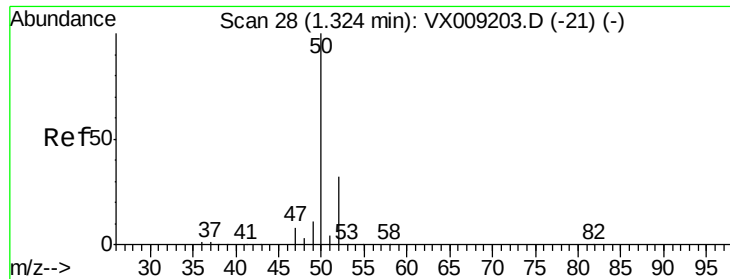
87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.271 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

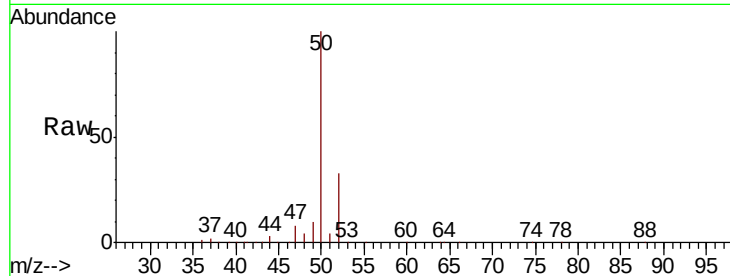
S32-0657MS

Tot Ion: 50 Resp: 101042

Ion Ratio Lower Upper

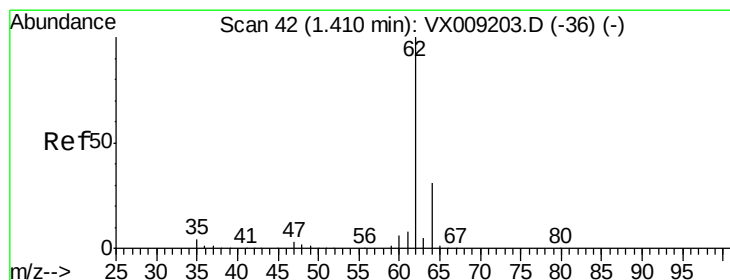
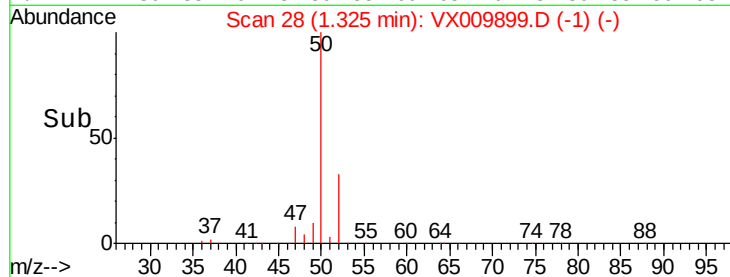
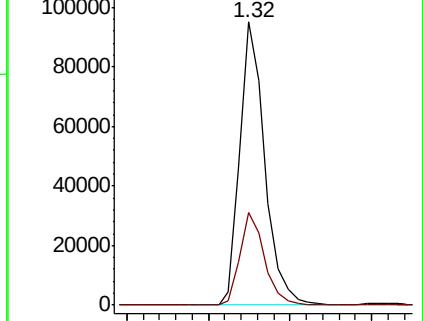
50 100

52 32.8 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: 63.165 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009899.D

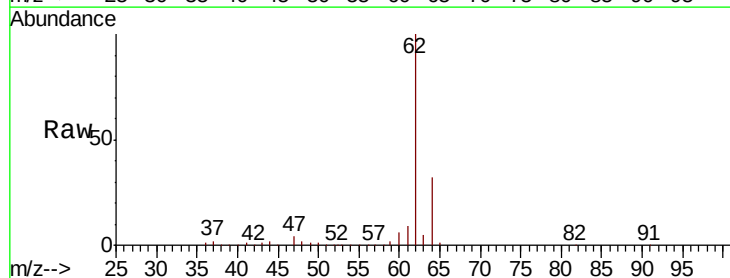
Acq: 24 May 2019 20:04

Tgt Ion: 62 Resp: 126313

Ion Ratio Lower Upper

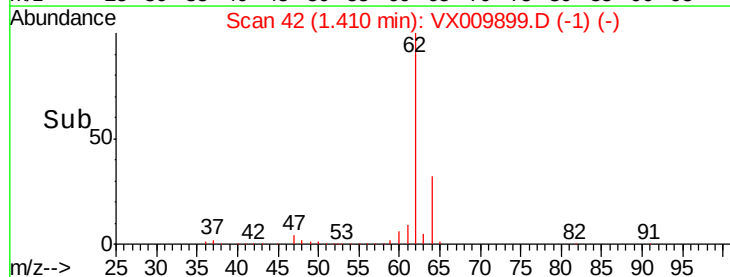
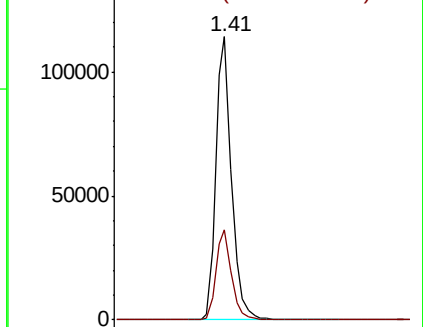
62 100

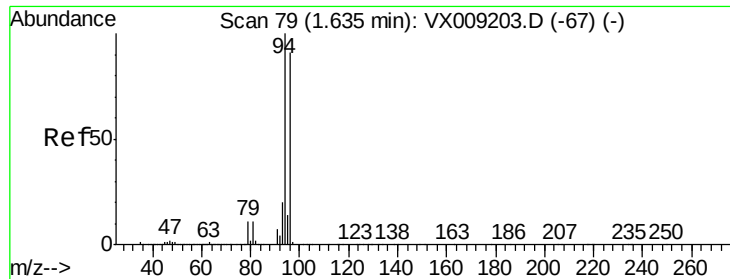
64 31.9 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.538 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

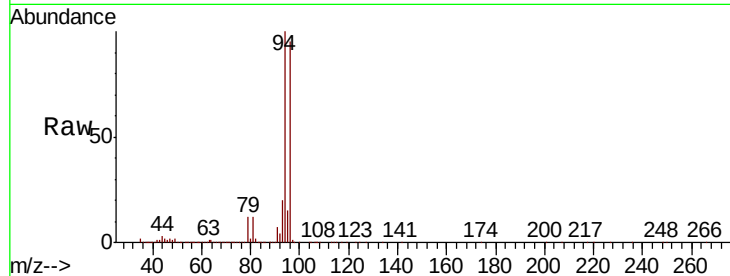
S32-0657MS

Tot Ion: 94 Resp: 51056

Ion Ratio Lower Upper

94 100

96 95.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

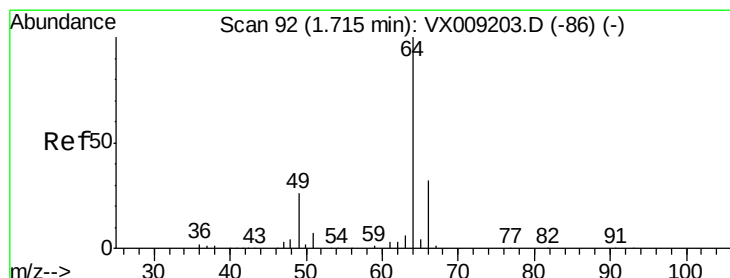
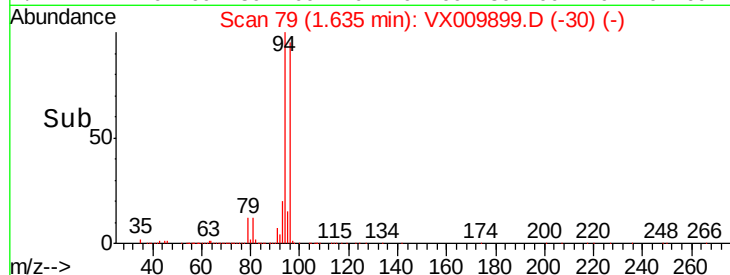
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 46.629 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009899.D

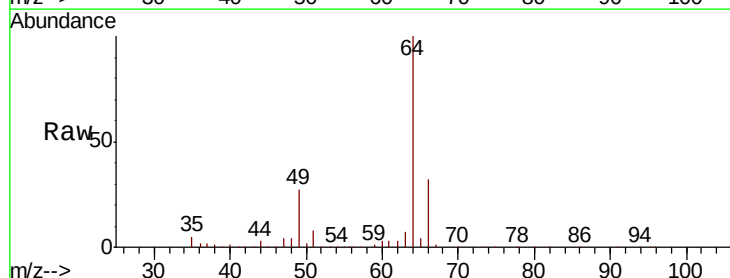
Acq: 24 May 2019 20:04

Tgt Ion: 64 Resp: 59867

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

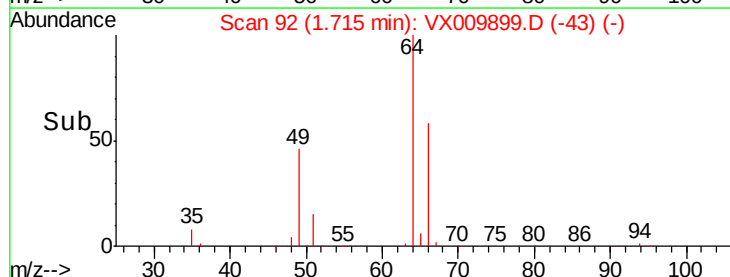
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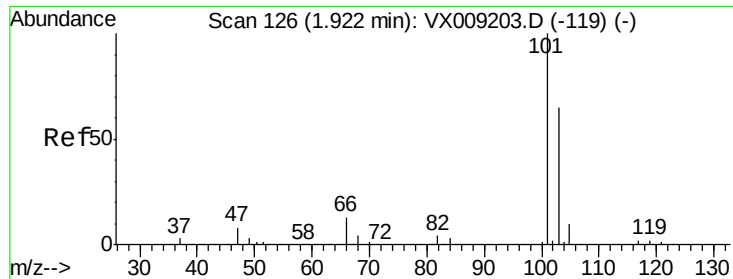
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10000

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Time-->



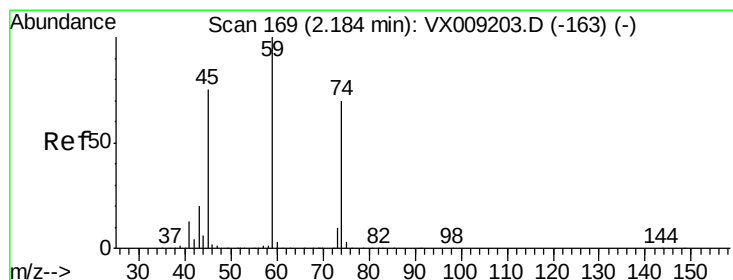
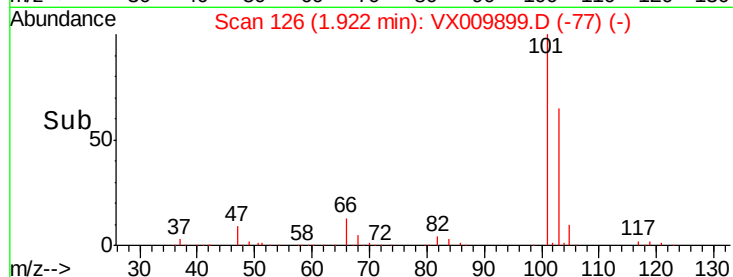
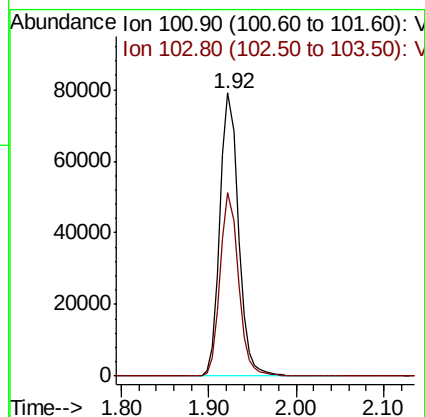
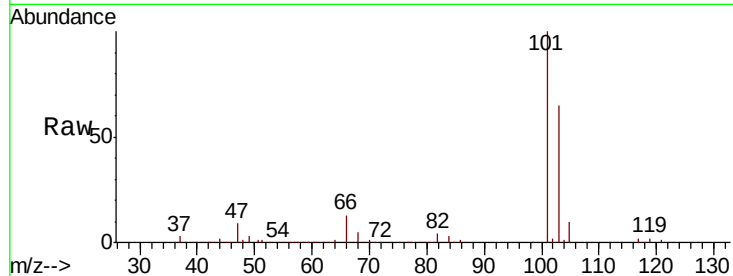


#7

Trichlorofluoromethane
 Concen: 47.812 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

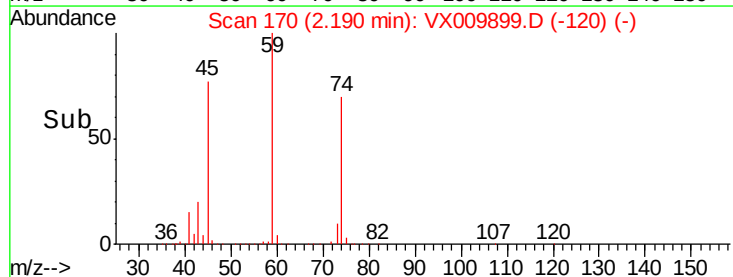
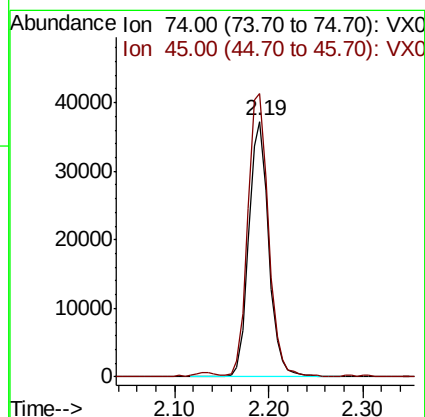
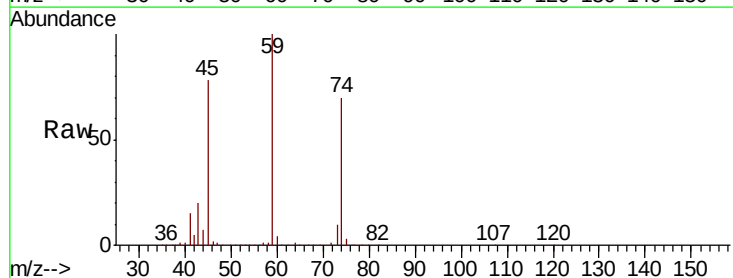
Tot Ion:101 Resp: 116220
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6

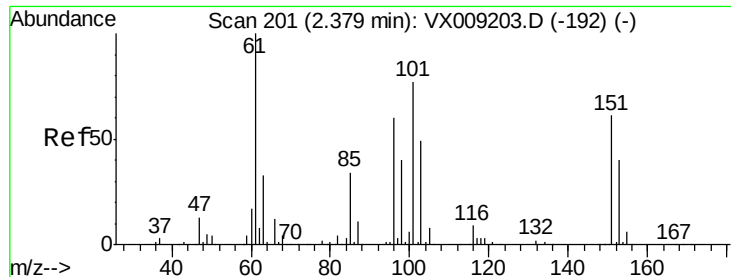


#8

Diethyl Ether
 Concen: 47.553 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 74 Resp: 54753
 Ion Ratio Lower Upper
 74 100
 45 114.1 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.427 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

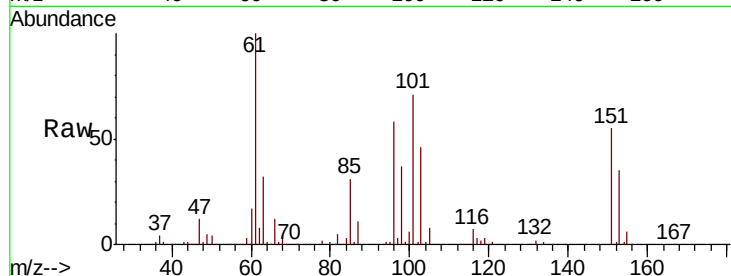
Tot Ion:101 Resp: 69341

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

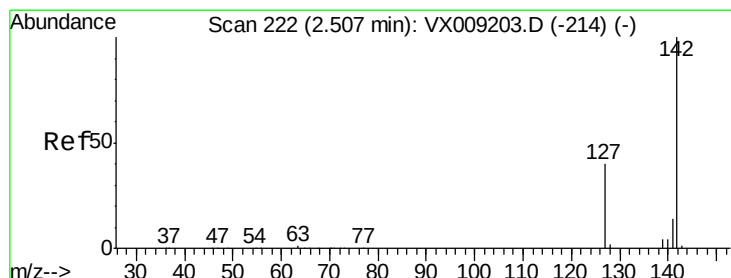
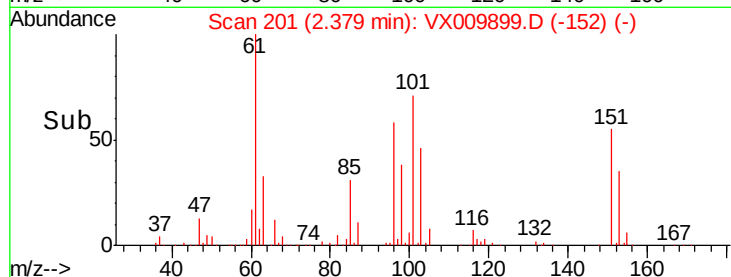
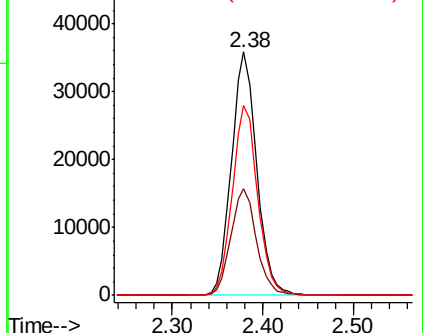
151 78.3 62.2 93.2



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: 41.116 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

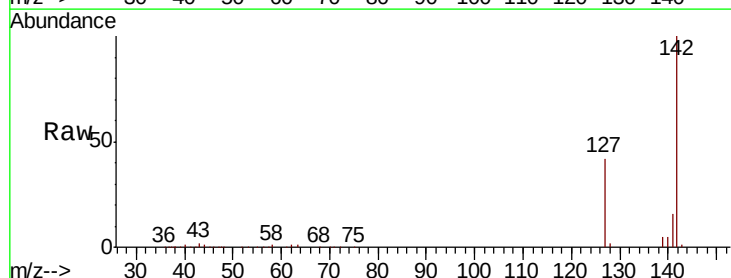
Tgt Ion:142 Resp: 71328

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

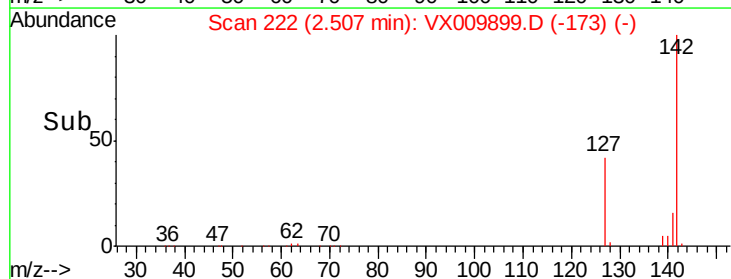
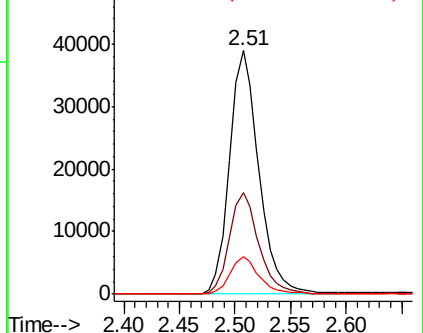
141 15.1 11.5 17.3

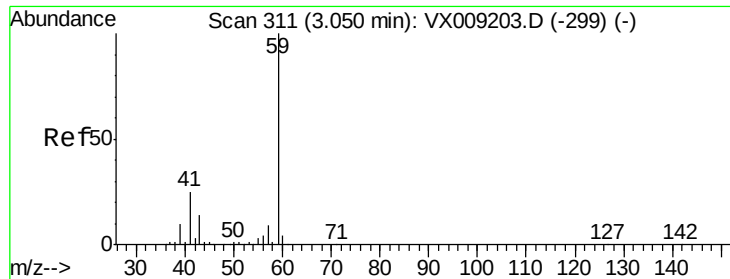


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

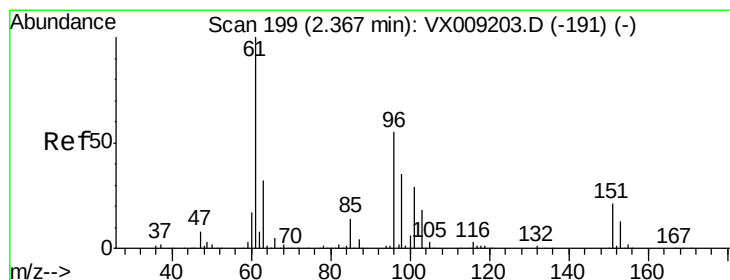
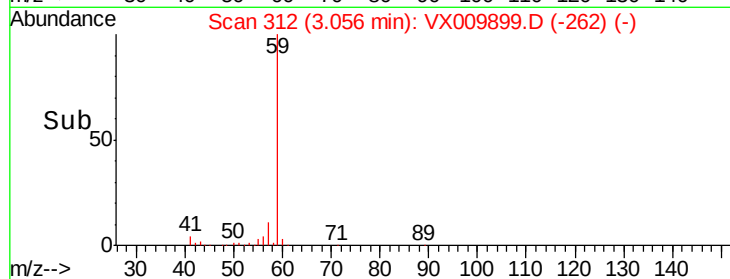
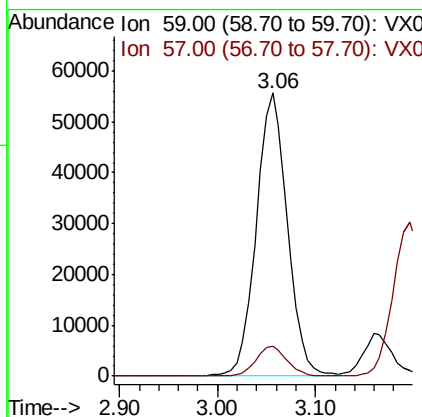
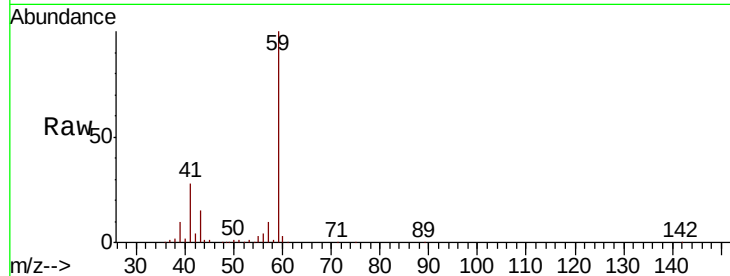




#11
Tert butyl alcohol
Concen: 237.211 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

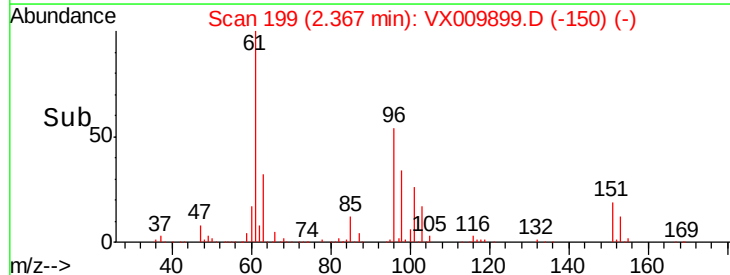
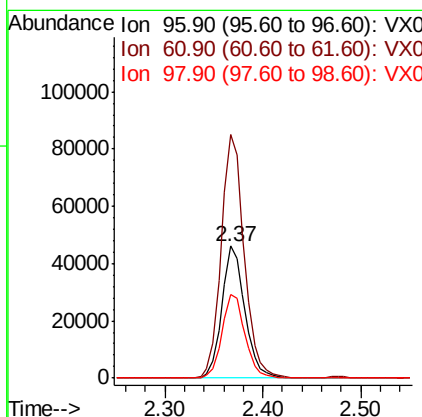
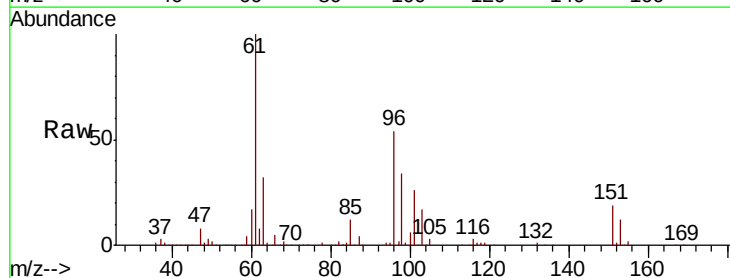
Instrument :
MSVOA_X
ClientSampleId :
S32-0657MS

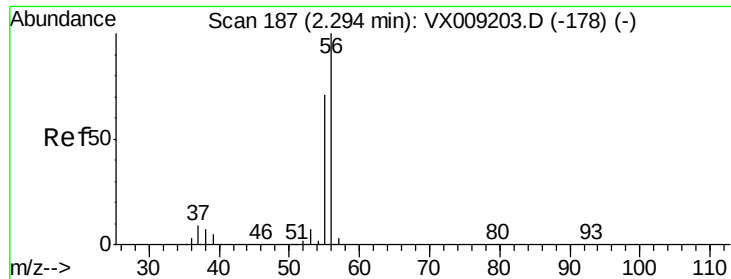
Tot Ion: 59 Resp: 122180
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.045 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion: 96 Resp: 75010
Ion Ratio Lower Upper
96 100
61 184.3 144.3 216.5
98 63.2 50.3 75.5

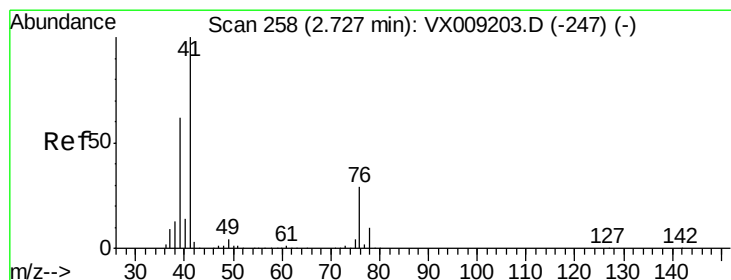
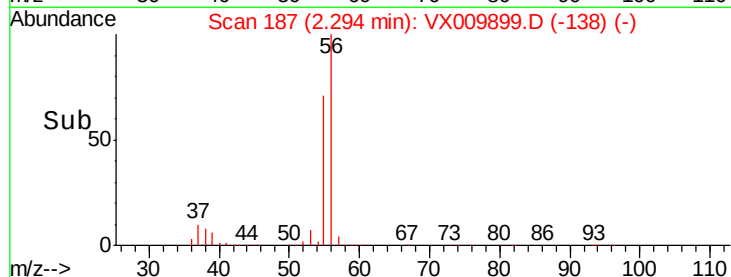
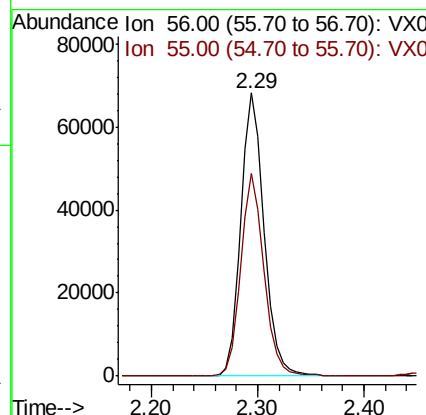
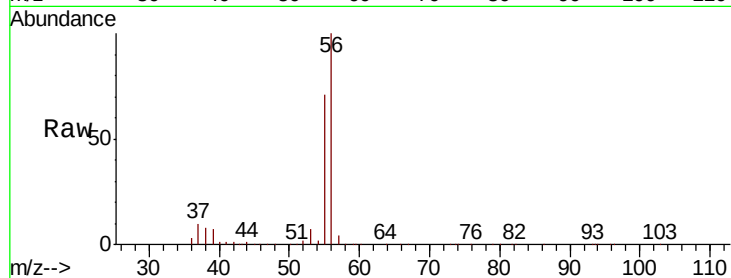




#13
 Acrolein
 Concen: 225.563 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

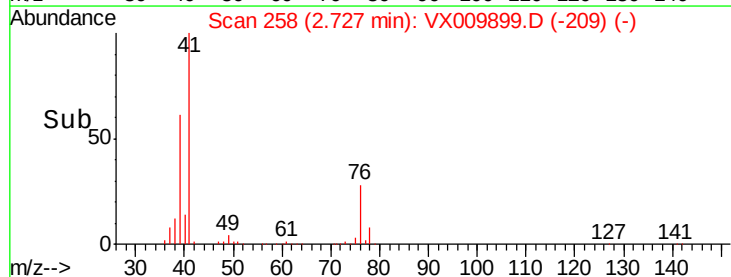
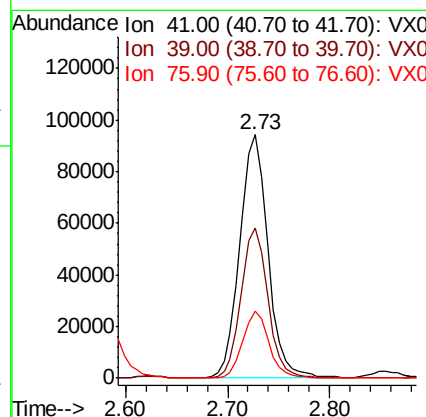
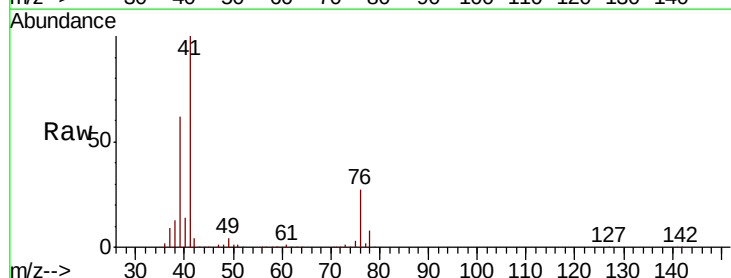
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

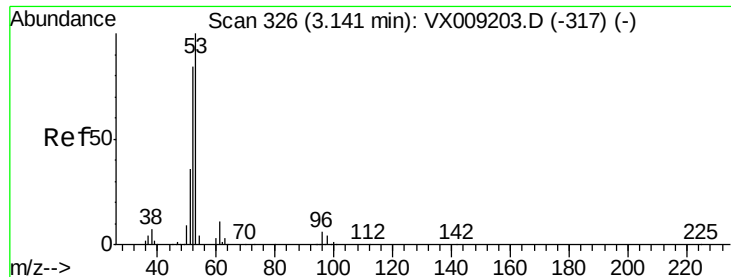
Tot Ion: 56 Resp: 105217
 Ion Ratio Lower Upper
 56 100
 55 70.6 56.6 85.0



#14
 Allyl chloride
 Concen: 48.268 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 41 Resp: 179906
 Ion Ratio Lower Upper
 41 100
 39 58.7 46.7 70.1
 76 25.6 21.8 32.8





#15

Acrylonitrile

Concen: 250.354 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

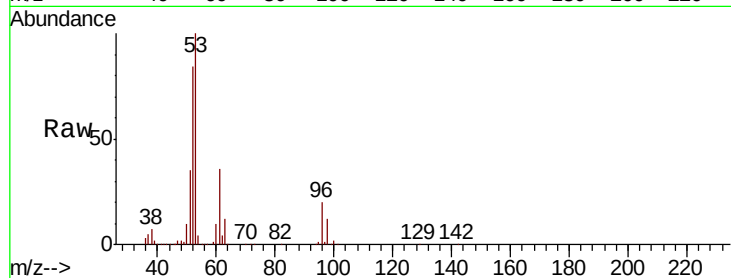
Tot Ion: 53 Resp: 315292

Ion Ratio Lower Upper

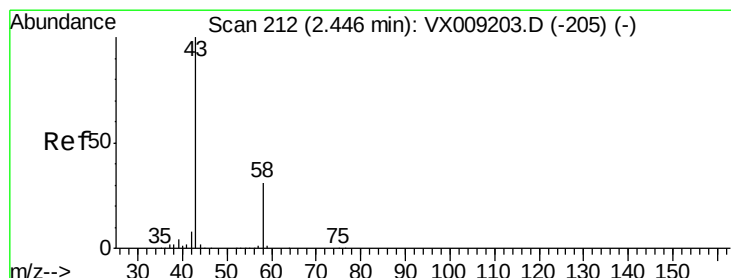
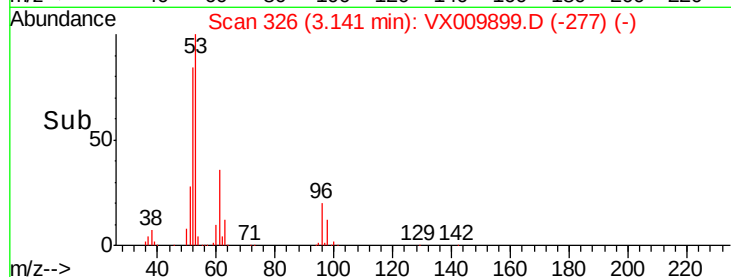
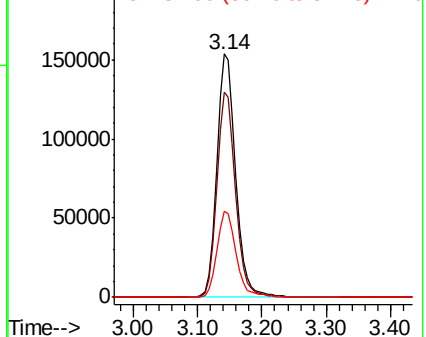
53 100

52 84.1 66.9 100.3

51 36.2 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: 261.826 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009899.D

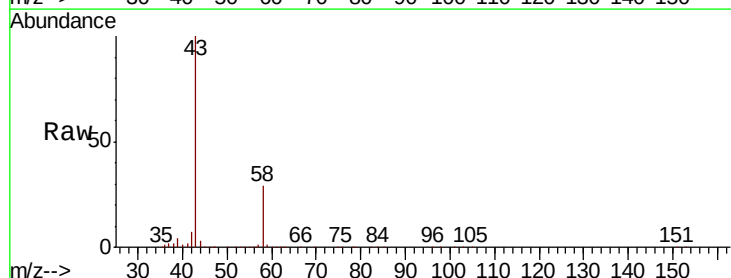
Acq: 24 May 2019 20:04

Tgt Ion: 43 Resp: 312836

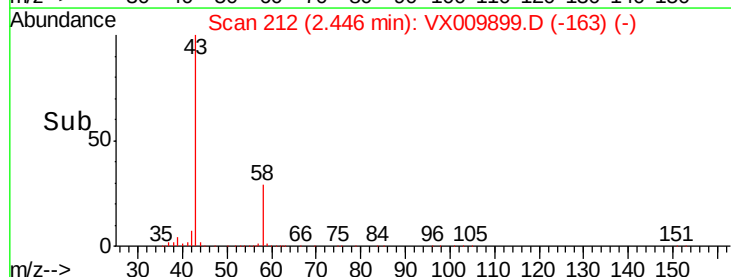
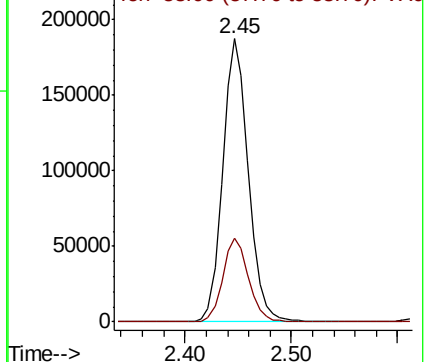
Ion Ratio Lower Upper

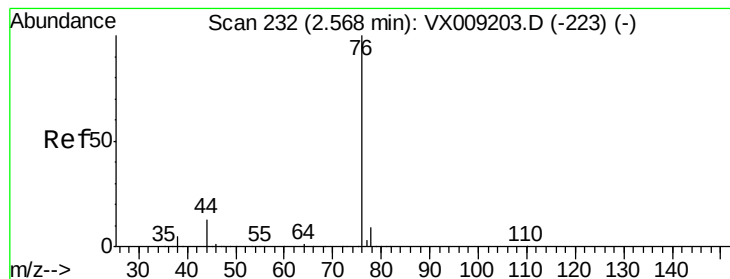
43 100

58 29.4 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: 48.255 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

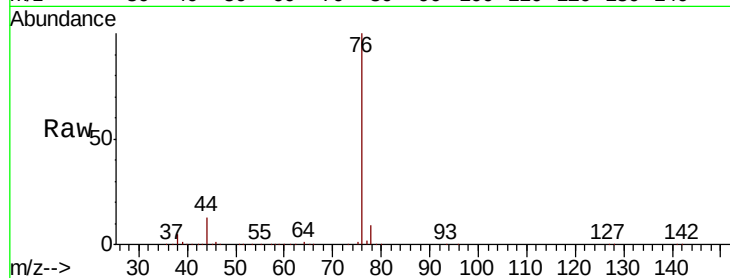
S32-0657MS

Tot Ion: 76 Resp: 207206

Ion Ratio Lower Upper

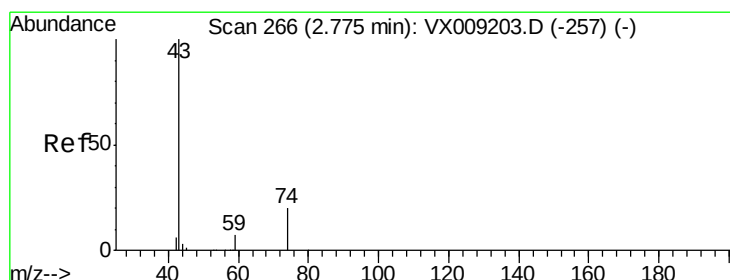
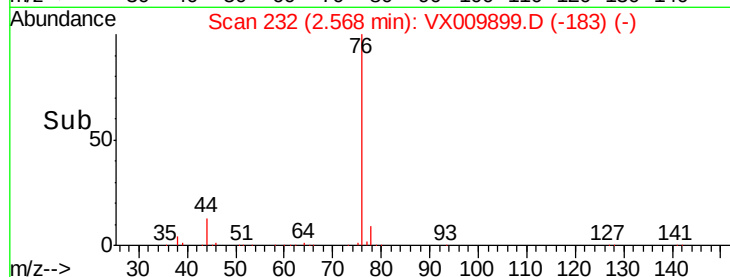
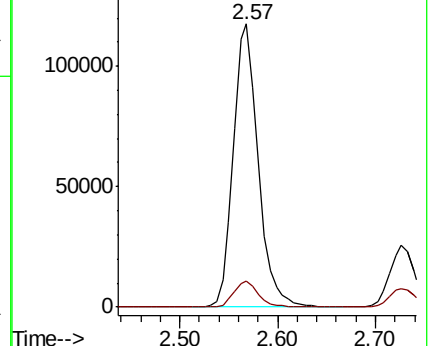
76 100

78 9.4 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: 46.381 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009899.D

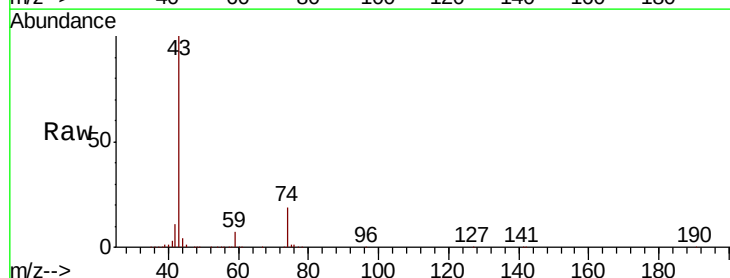
Acq: 24 May 2019 20:04

Tgt Ion: 43 Resp: 131792

Ion Ratio Lower Upper

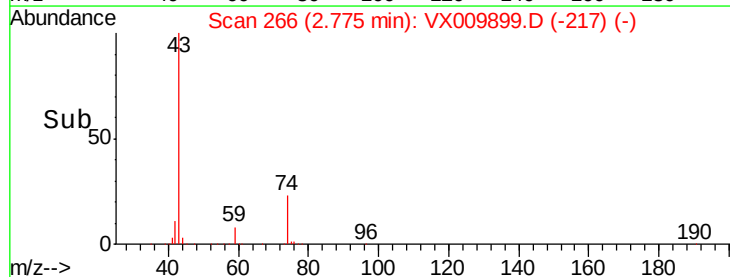
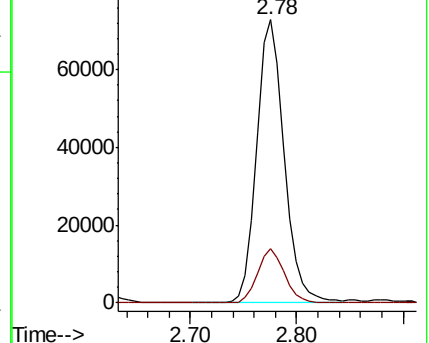
43 100

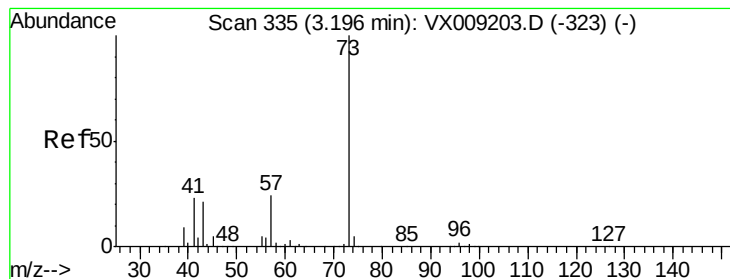
74 19.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



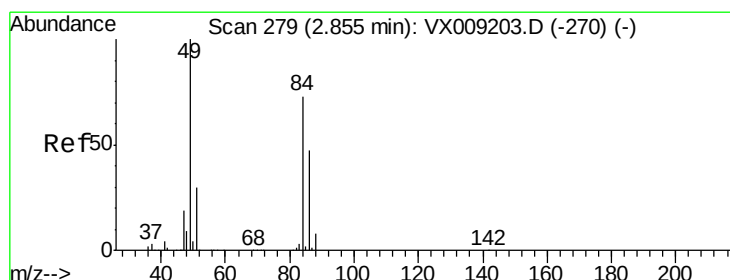
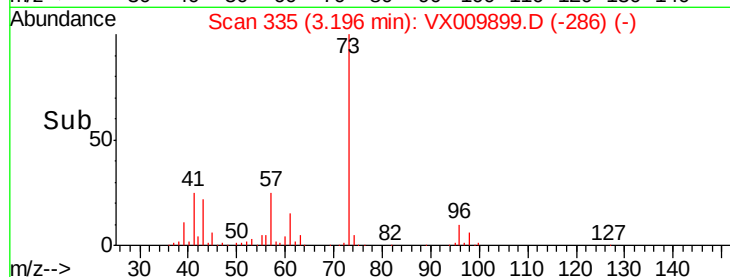
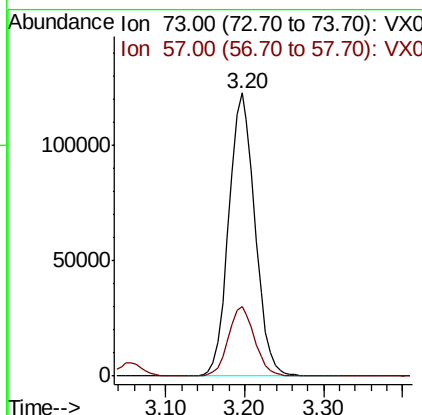
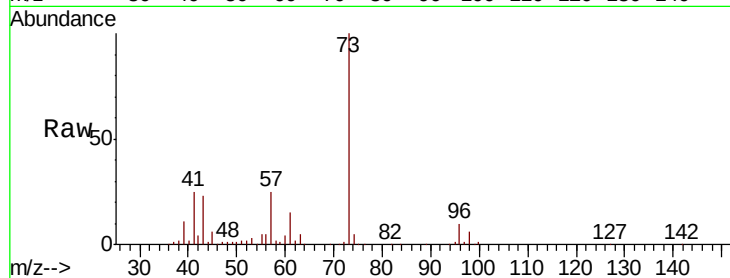


#19

Methyl tert-butyl Ether
 Concen: 47.689 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0657MS

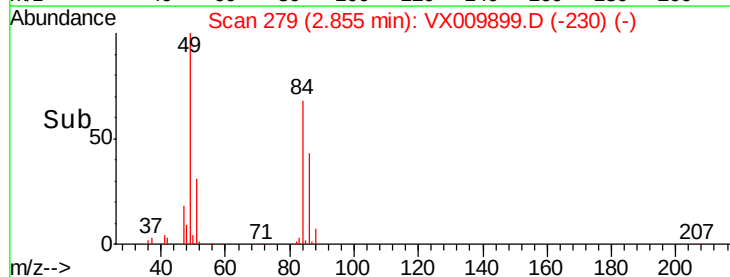
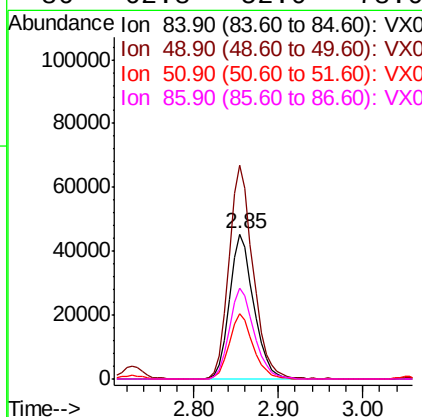
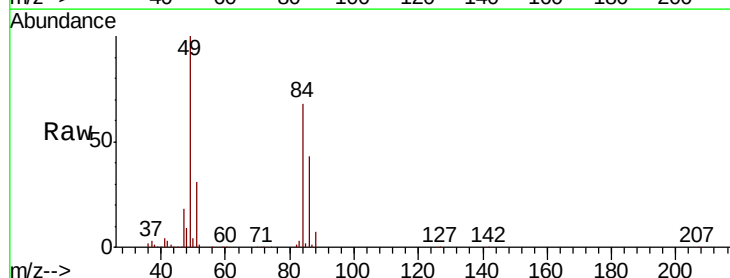
Tot Ion: 73 Resp: 283230
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.3 28.9

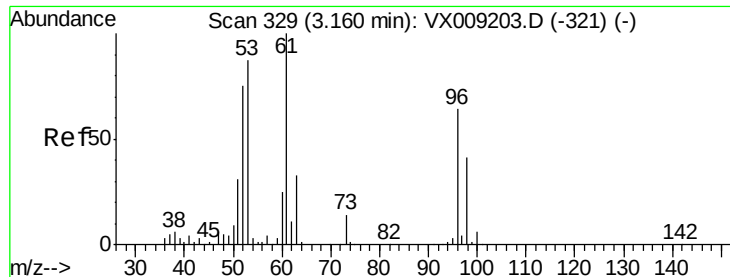


#20

Methylene Chloride
 Concen: 45.753 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 84 Resp: 88513
 Ion Ratio Lower Upper
 84 100
 49 147.2 109.9 164.9
 51 44.9 32.7 49.1
 86 62.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 191.464 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

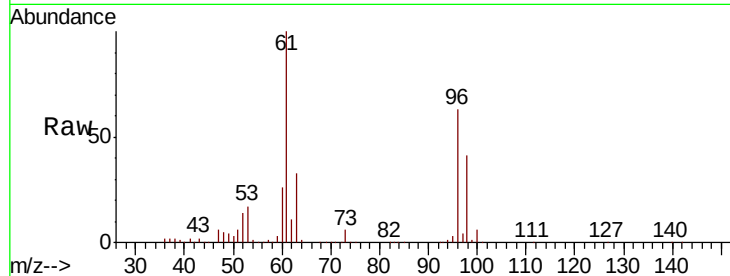
Tot Ion: 96 Resp: 317574

Ion Ratio Lower Upper

96 100

61 159.1 124.5 186.7

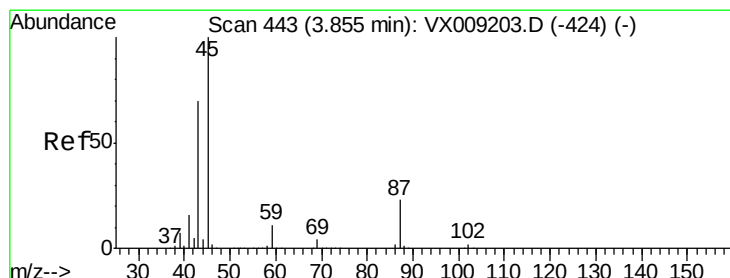
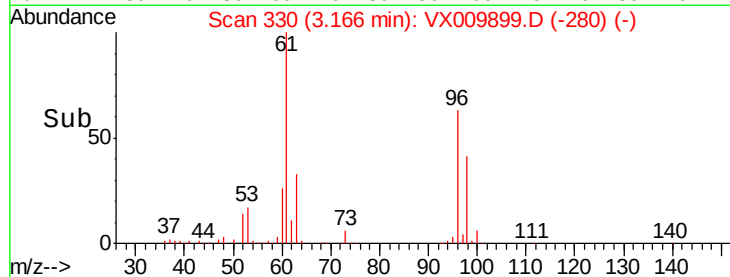
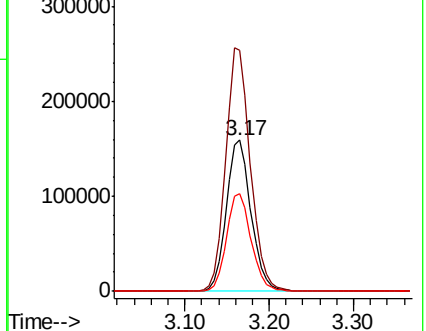
98 64.8 50.4 75.6



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: 49.275 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Tgt Ion: 45 Resp: 353193

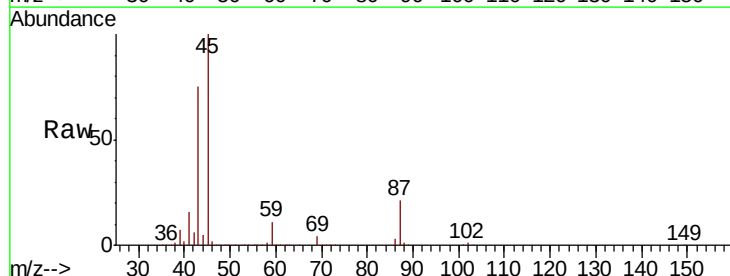
Ion Ratio Lower Upper

45 100

43 75.1 56.1 84.1

87 21.0 18.1 27.1

59 10.6 8.5 12.7

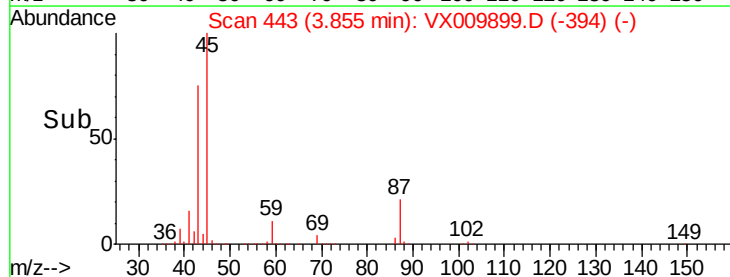
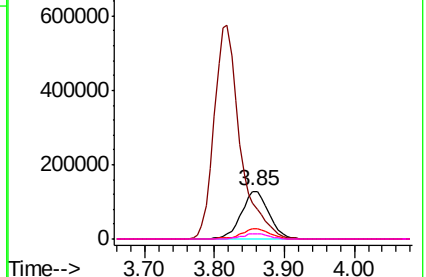


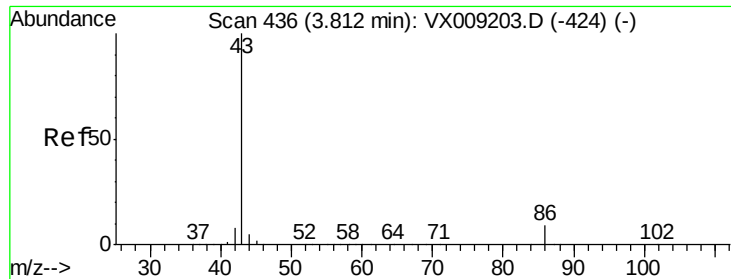
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 242.870 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

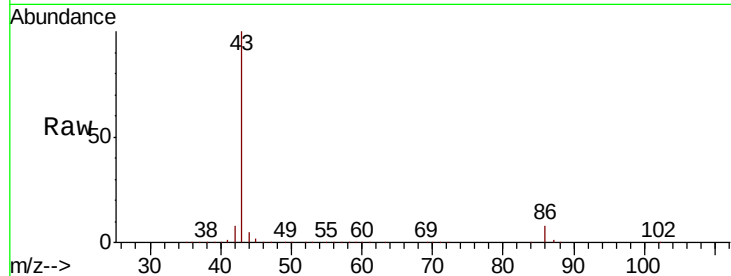
S32-0657MS

Tot Ion: 43 Resp: 1490717

Ion Ratio Lower Upper

43 100

86 8.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

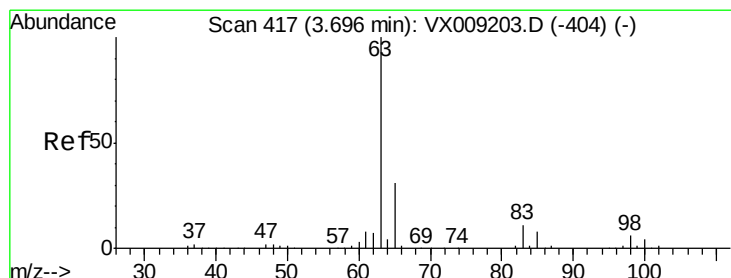
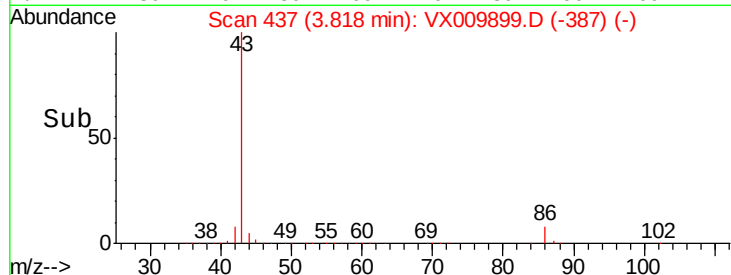
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.381 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

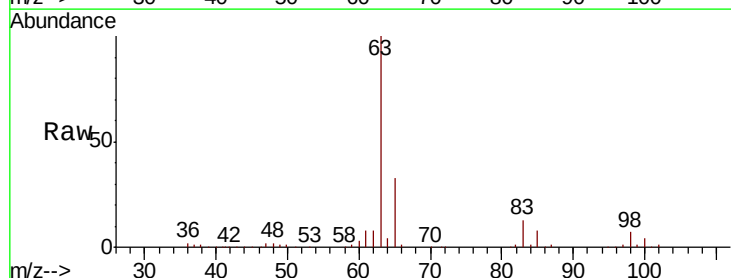
Tgt Ion: 63 Resp: 167537

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

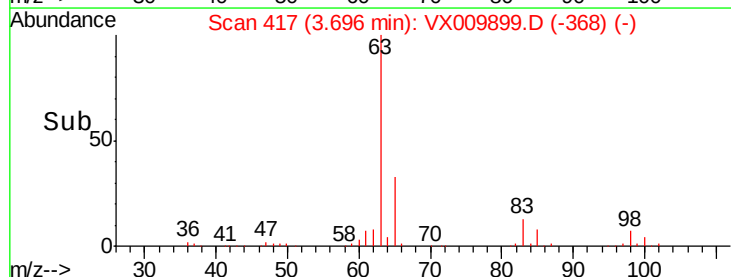
60000

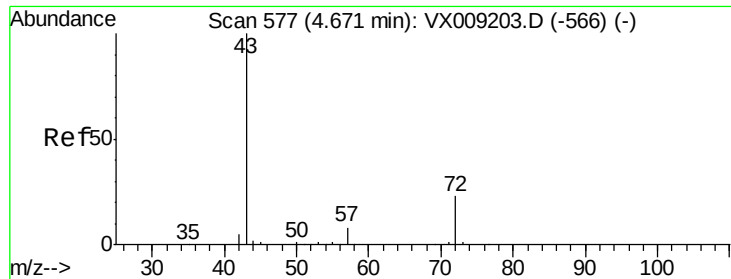
40000

20000

0

Time-->





#25

2-Butanone

Concen: 258.041 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

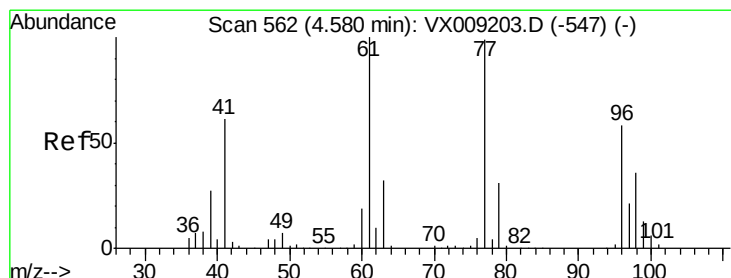
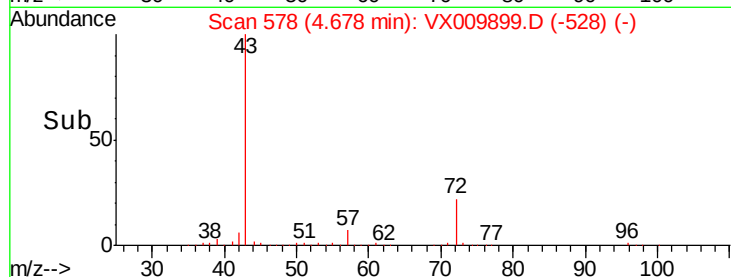
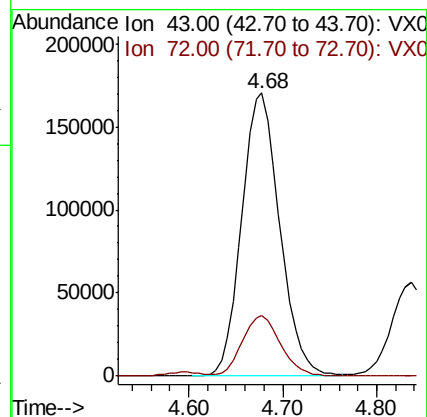
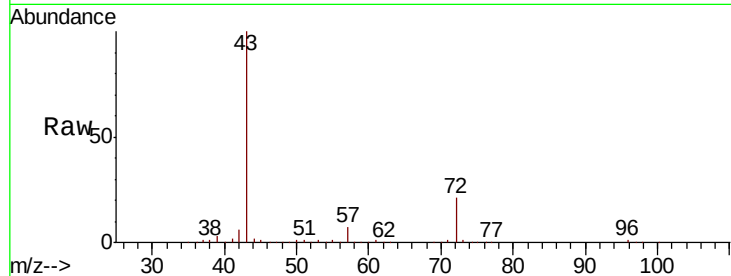
S32-0657MS

Tot Ion: 43 Resp: 479110

Ion Ratio Lower Upper

43 100

72 21.4 18.2 27.2



#26

2,2-Dichloropropane

Concen: 38.150 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009899.D

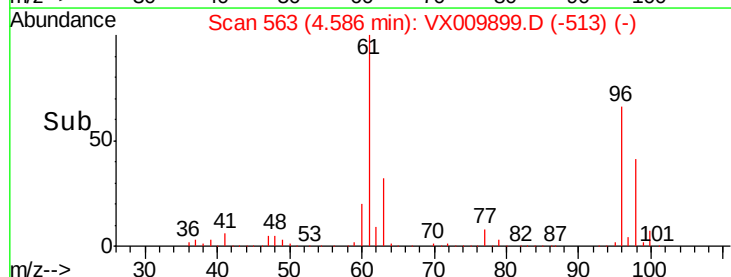
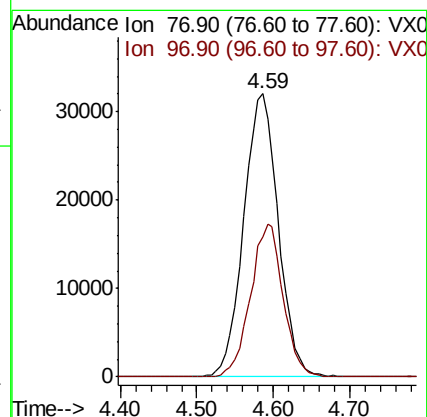
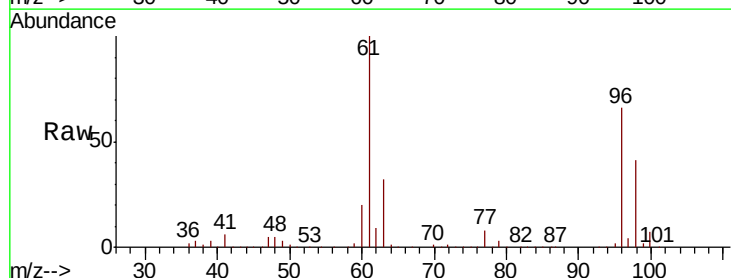
Acq: 24 May 2019 20:04

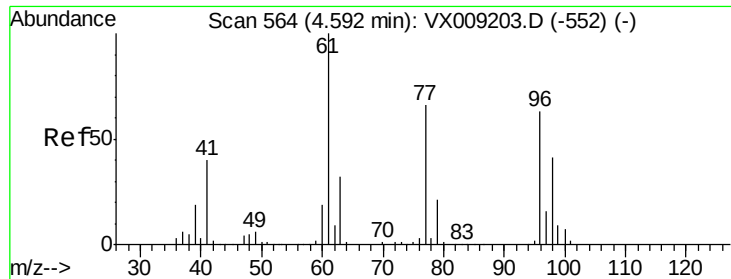
Tgt Ion: 77 Resp: 100409

Ion Ratio Lower Upper

77 100

97 51.1 11.5 34.4#



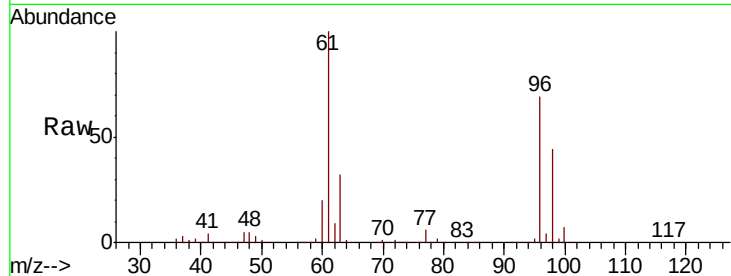


#27

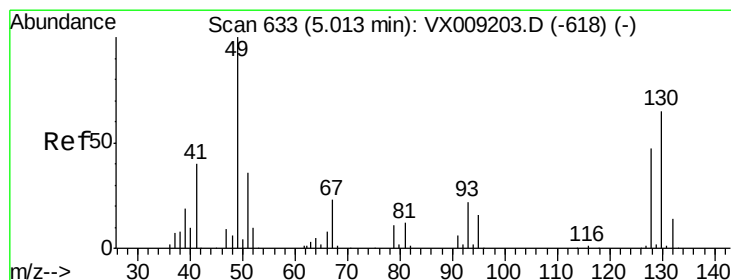
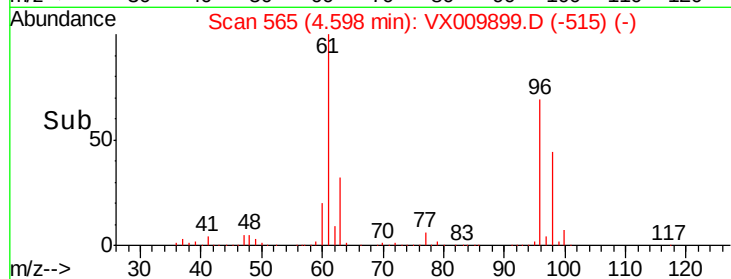
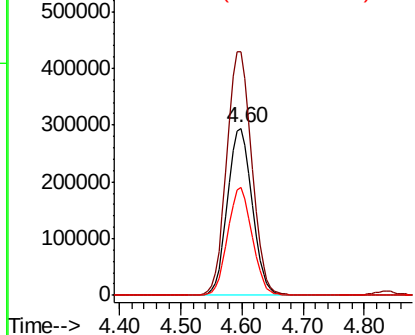
cis-1,2-Dichloroethene
Concen: 412.971 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S32-0657MS

Tot Ion	96	Resp	817599
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	324.0
98	64.0	0.0	130.4



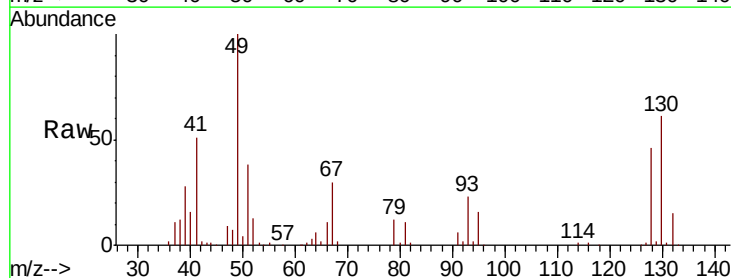
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



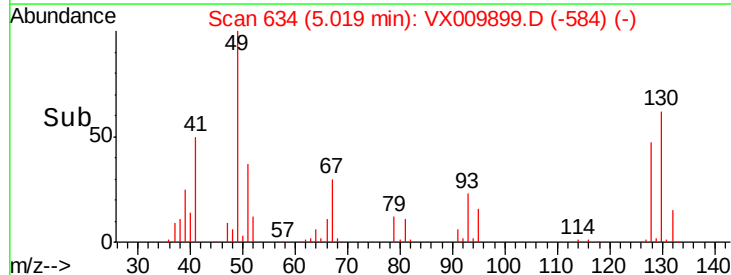
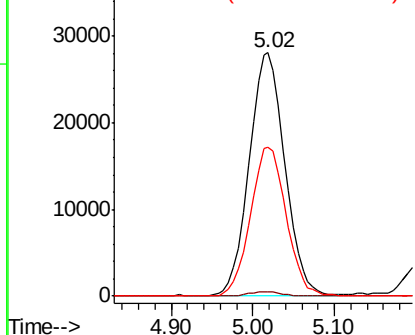
#28

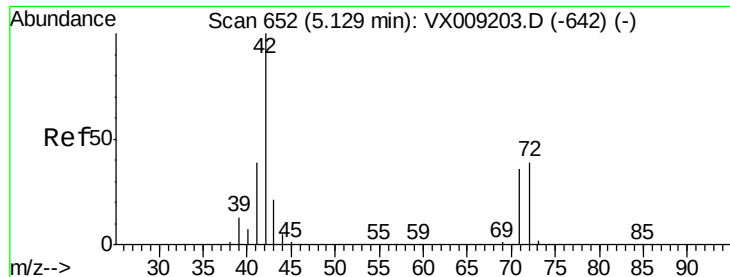
Bromochloromethane
Concen: 60.855 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion	49	Resp	85774
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	61.3	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

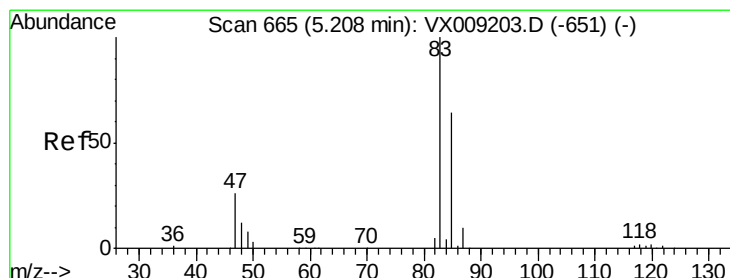
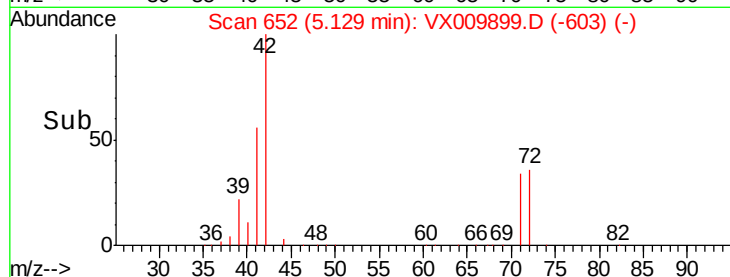
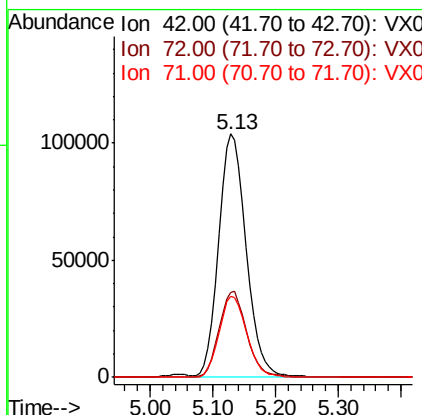
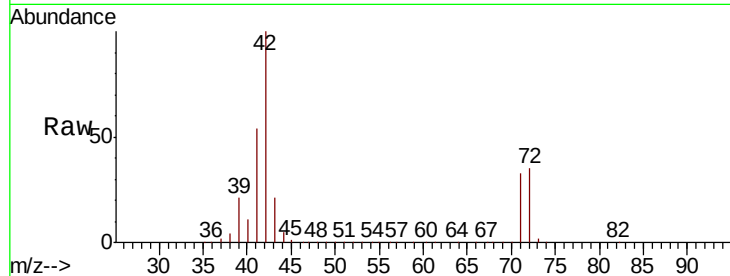




#29
Tetrahydrofuran
Concen: 263.959 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

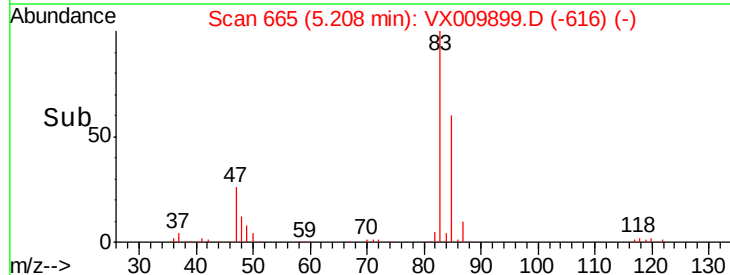
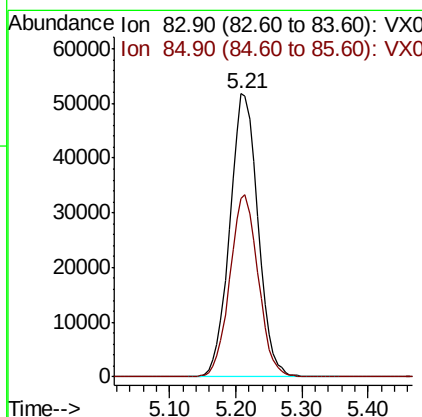
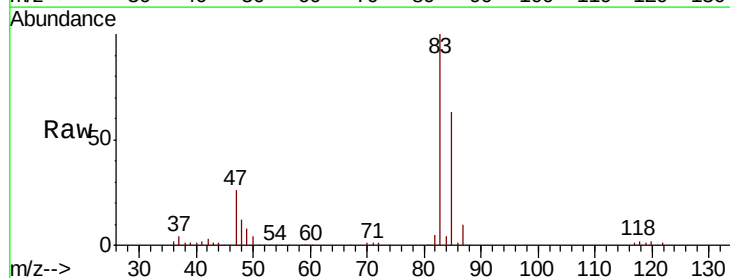
Instrument :
MSVOA_X
ClientSampled :
S32-0657MS

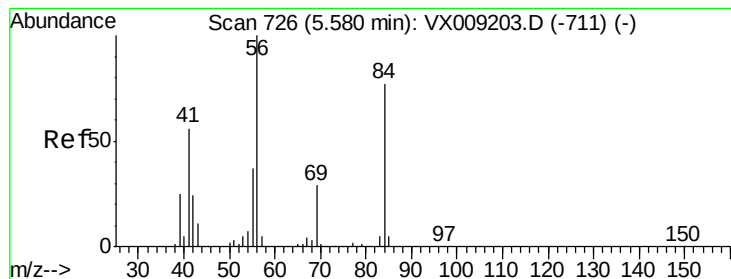
Tot Ion: 42 Resp: 315376
Ion Ratio Lower Upper
42 100
72 35.5 30.4 45.6
71 33.6 28.6 43.0



#30
Chloroform
Concen: 47.911 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion: 83 Resp: 153224
Ion Ratio Lower Upper
83 100
85 62.9 51.5 77.3





#31

Cyclohexane

Concen: 48.926 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

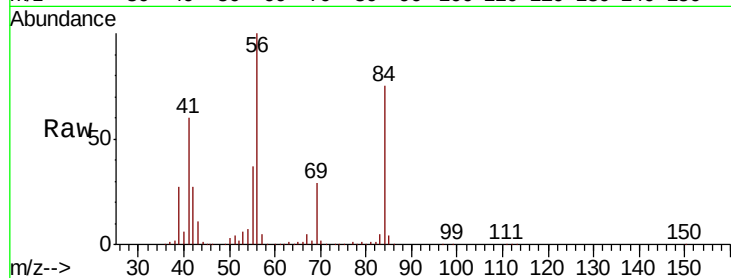
Tot Ion: 56 Resp: 160956

Ion Ratio Lower Upper

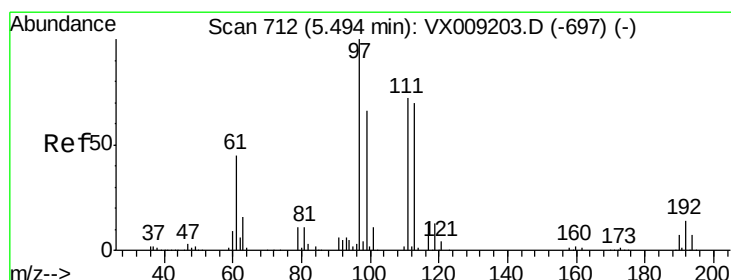
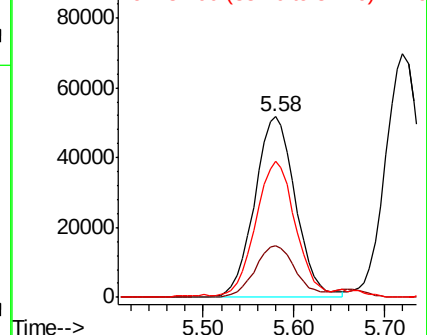
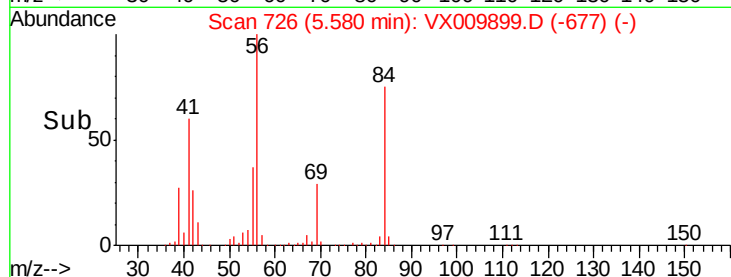
56 100

69 28.8 23.4 35.0

84 73.7 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 46.949 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

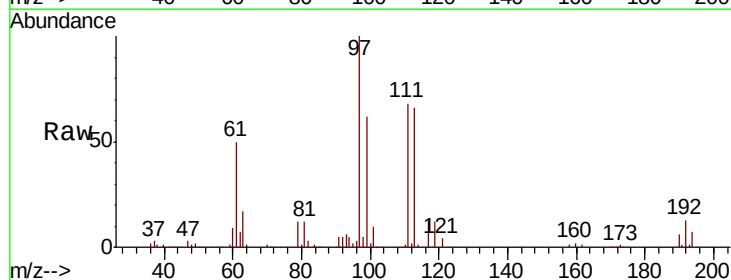
Tgt Ion: 97 Resp: 124989

Ion Ratio Lower Upper

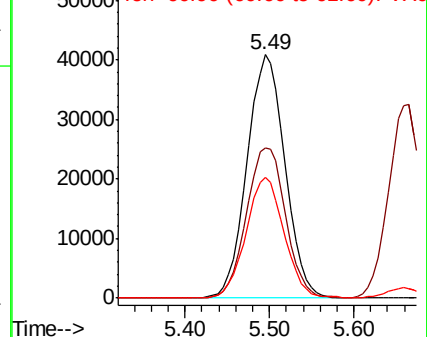
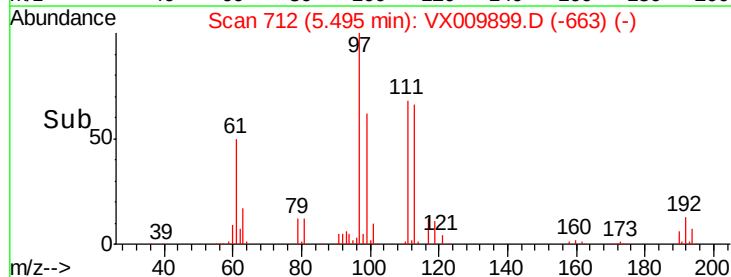
97 100

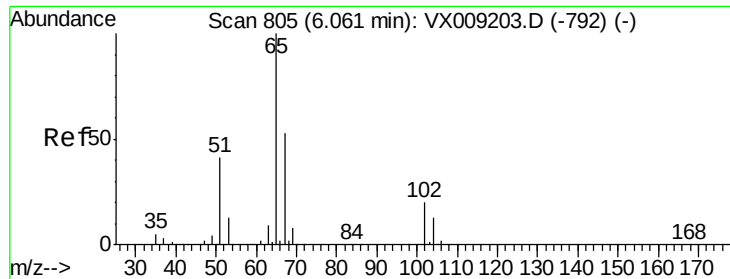
99 63.7 51.8 77.8

61 49.7 37.8 56.8



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

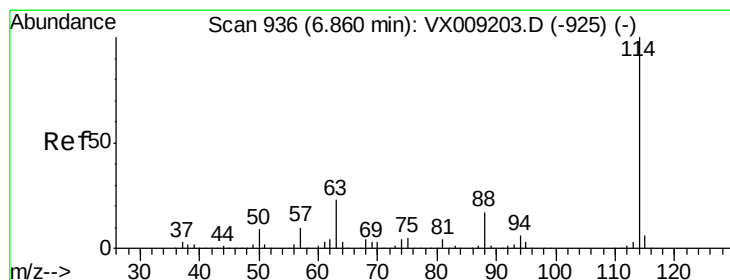
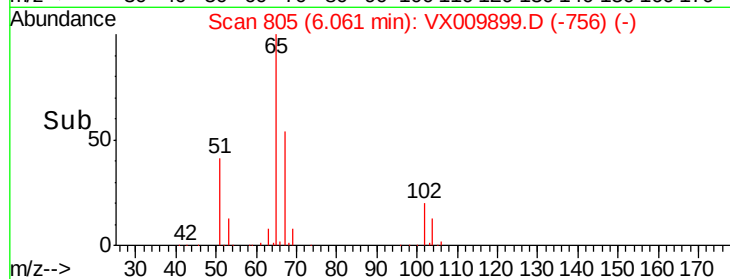
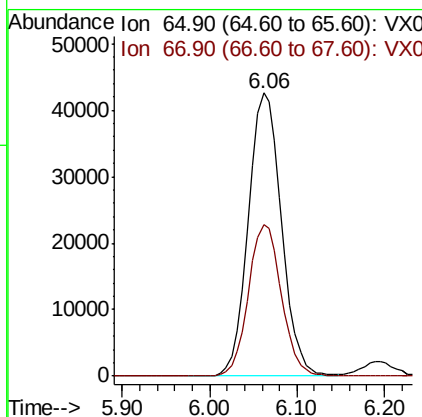
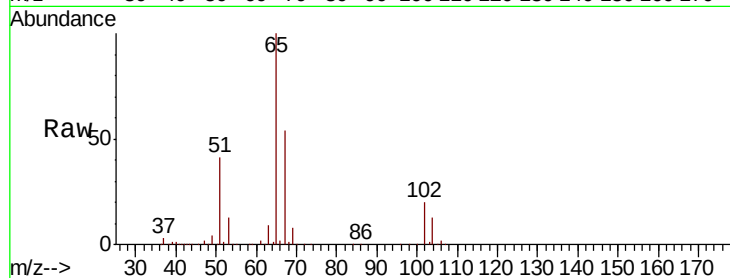




#33
 1,2-Dichloroethane-d4
 Concen: 50.485 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

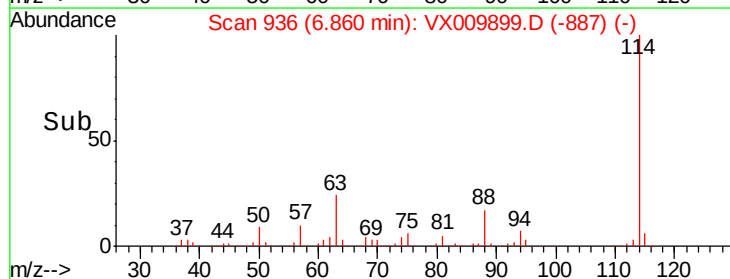
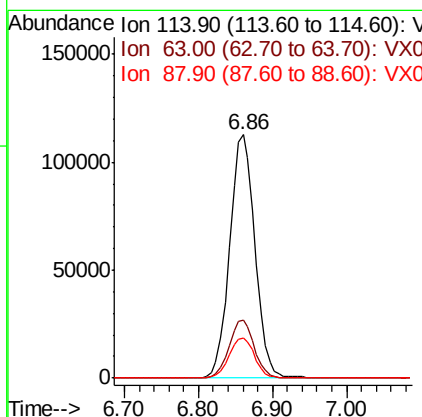
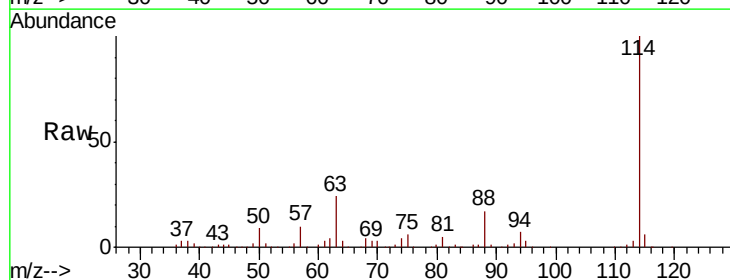
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

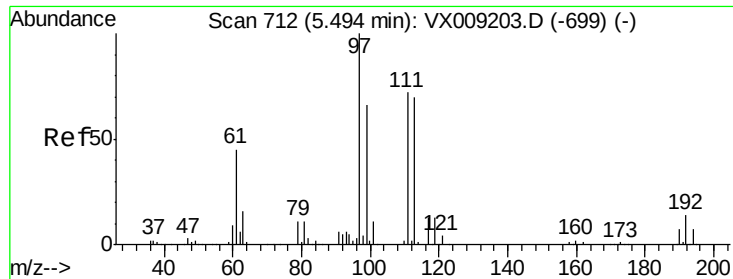
Tot Ion: 65 Resp: 112336
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 114 Resp: 267906
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.6
 88 16.6 0.0 33.2

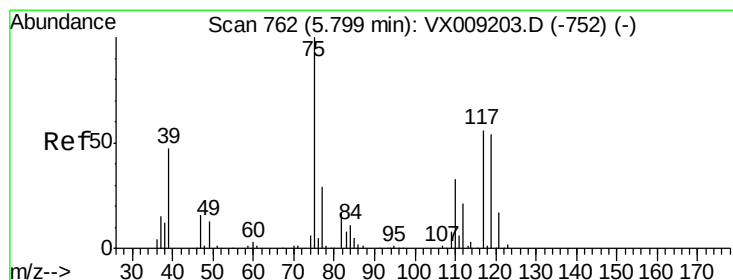
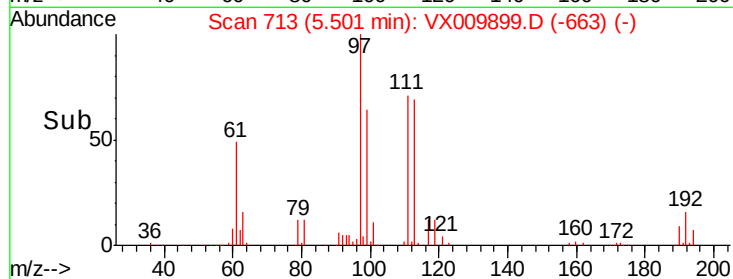
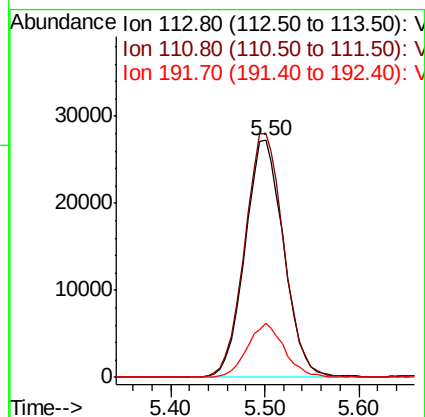
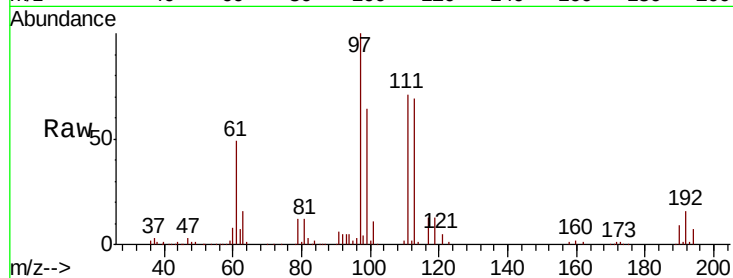




#35
 Dibromofluoromethane
 Concen: 46.595 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

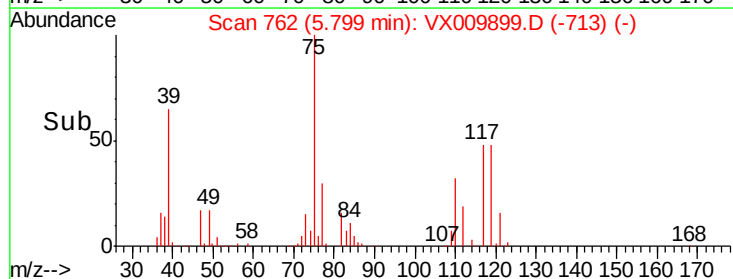
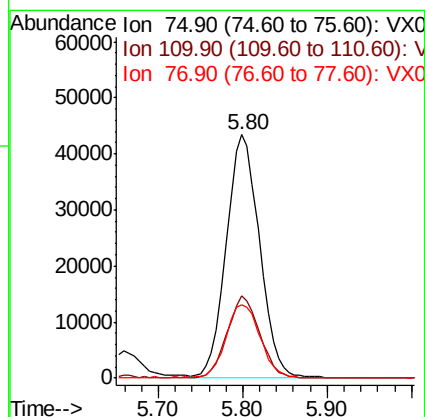
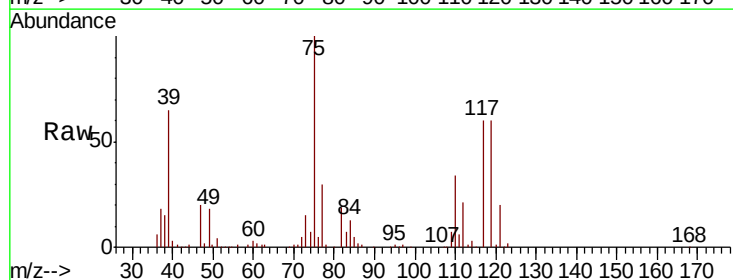
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

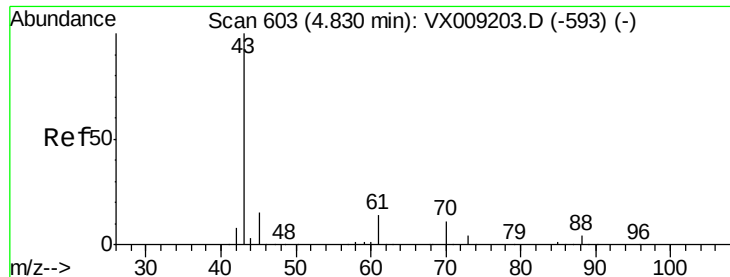
Tot Ion:113 Resp: 78474
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 46.750 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 75 Resp: 116393
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.9 50.6
 77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 47.319 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

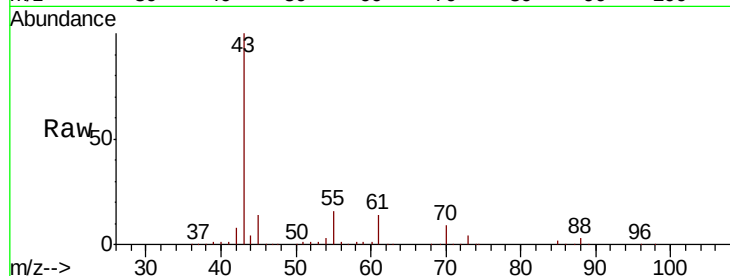
Tot Ion: 43 Resp: 164145

Ion Ratio Lower Upper

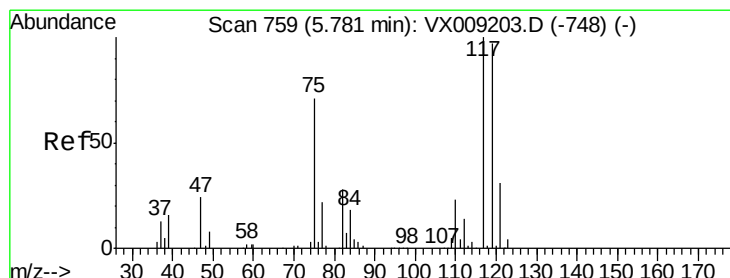
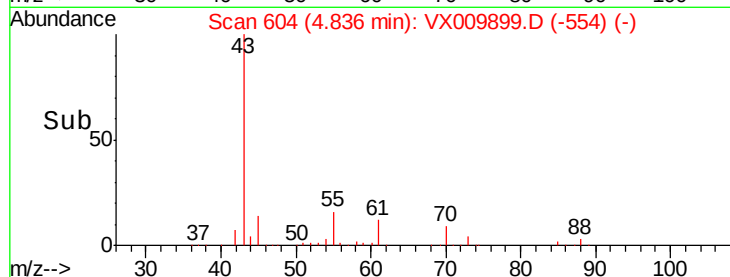
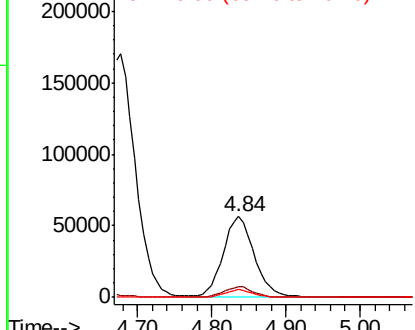
43 100

61 0.0 10.5 15.7#

70 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.921 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

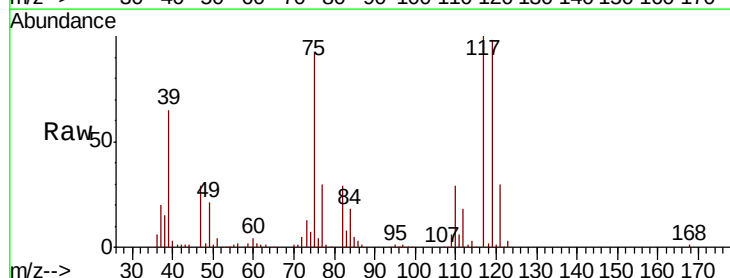
Tgt Ion: 117 Resp: 103876

Ion Ratio Lower Upper

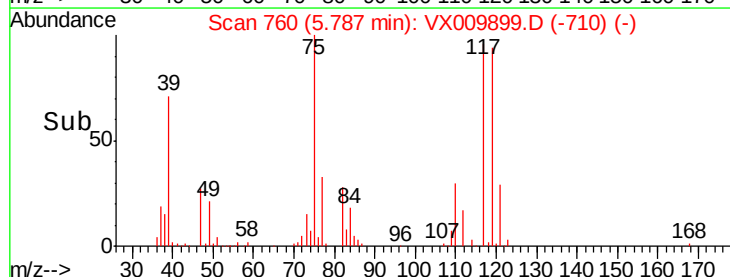
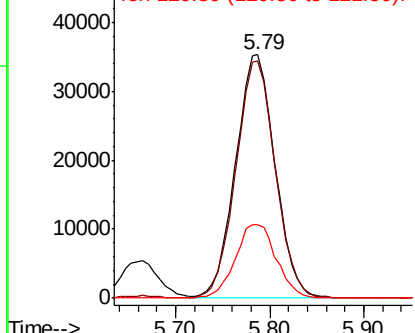
117 100

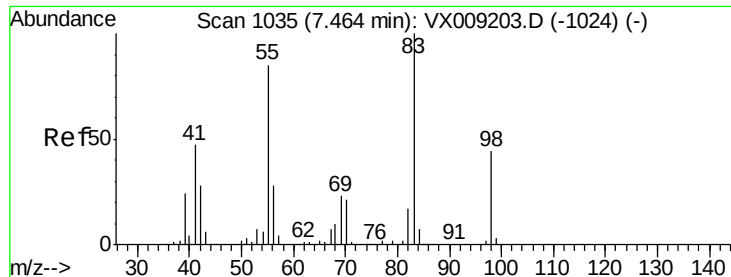
119 97.4 77.5 116.3

121 30.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

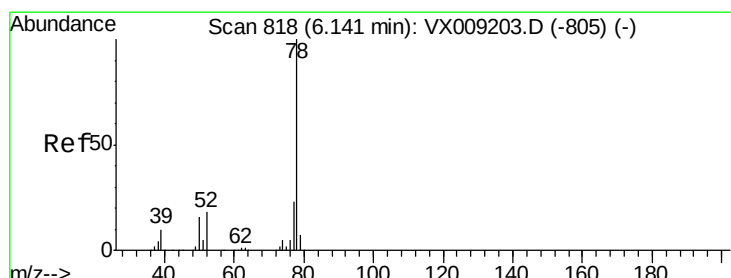
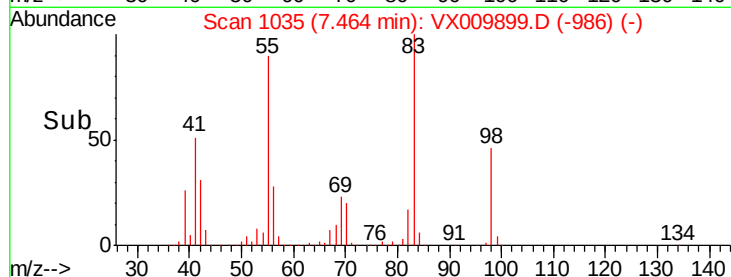
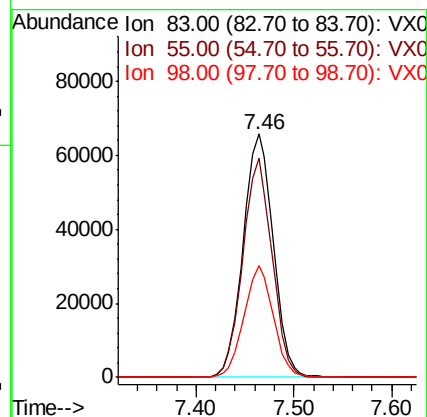
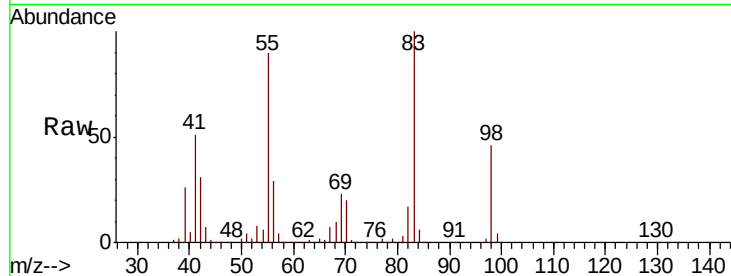




#39
Methylvlcyclohexane
Concen: 45.928 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

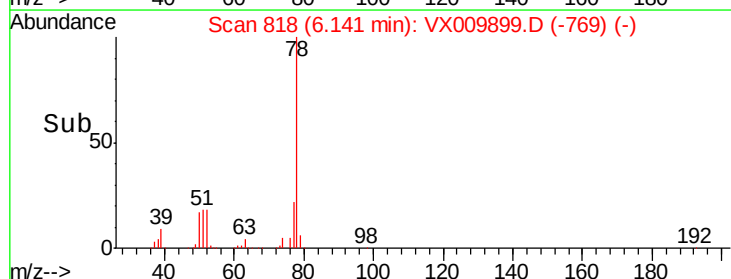
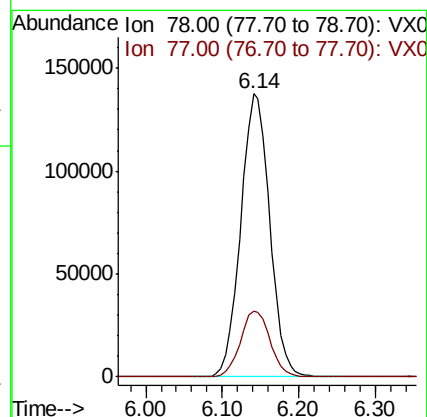
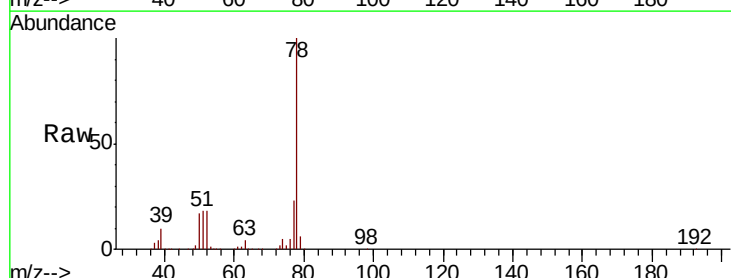
Instrument :
MSVOA_X
ClientSampleId :
S32-0657MS

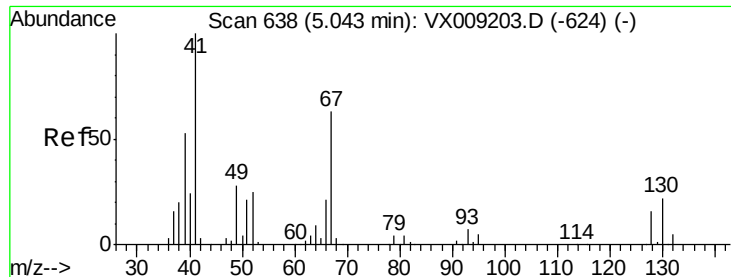
Tot Ion: 83 Resp: 140429
Ion Ratio Lower Upper
83 100
55 89.8 67.7 101.5
98 45.8 35.5 53.3



#40
Benzene
Concen: 46.835 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion: 78 Resp: 360871
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#41

Methacrylonitrile

Concen: 49.477 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

S32-0657MS

Tot Ion: 41 Resp: 102166

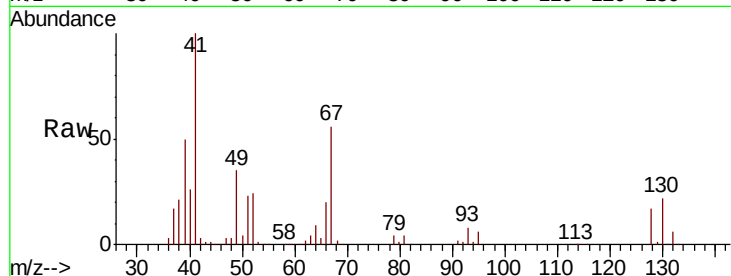
Ion Ratio Lower Upper

41 100

39 54.2 42.0 63.0

67 60.1 49.8 74.8

52 26.1 20.3 30.5

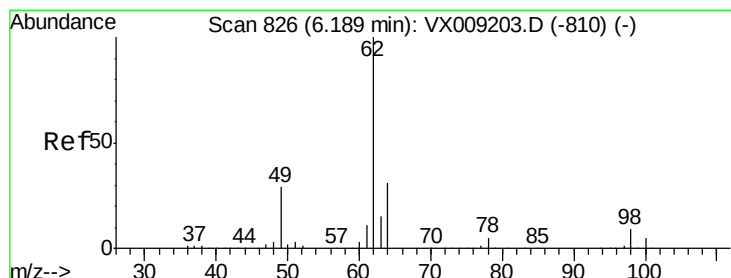
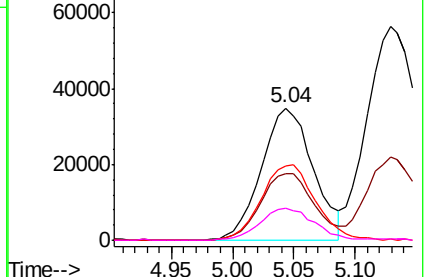
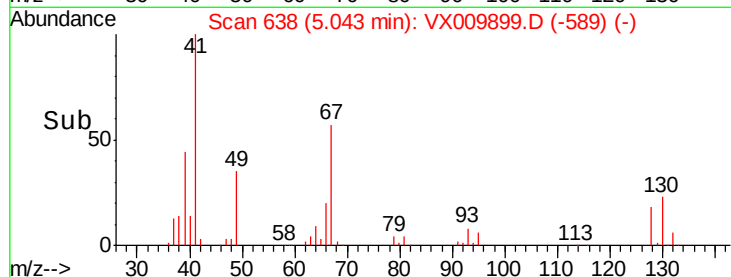


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.319 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009899.D

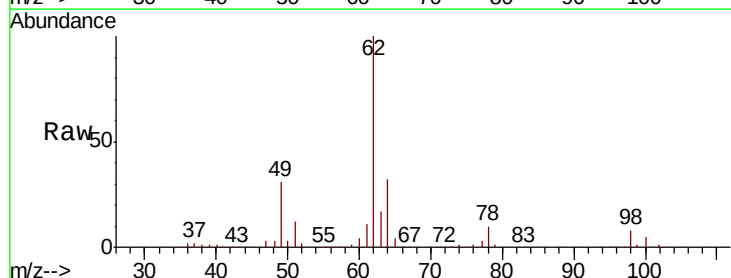
Acq: 24 May 2019 20:04

Tgt Ion: 62 Resp: 133551

Ion Ratio Lower Upper

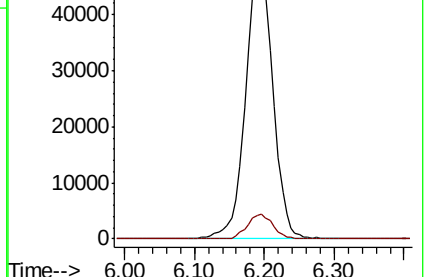
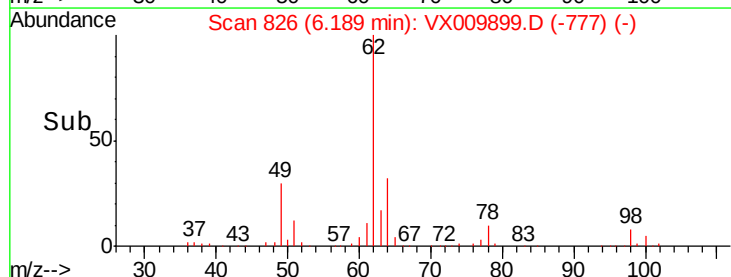
62 100

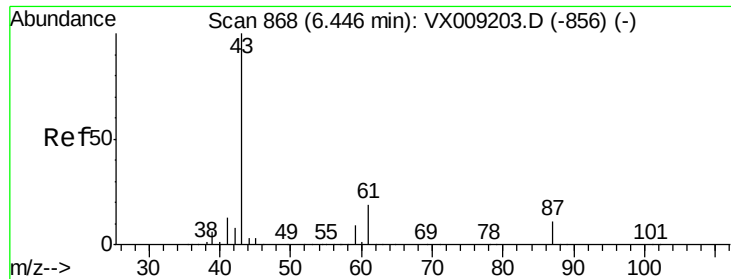
98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



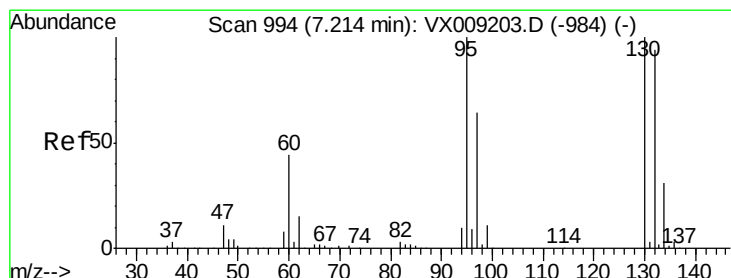
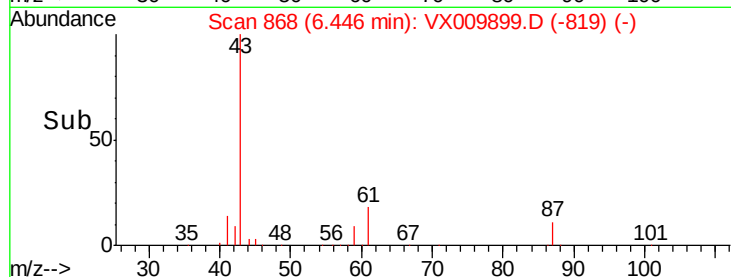
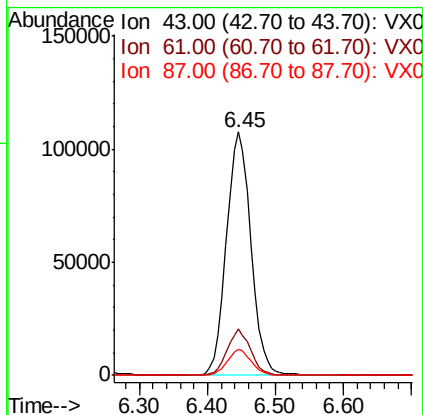
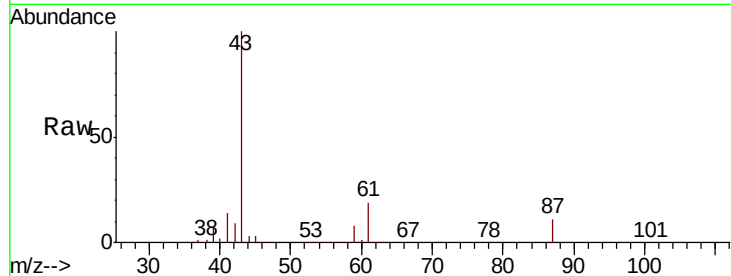


#43

Isopropyl Acetate
 Concen: 48.222 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

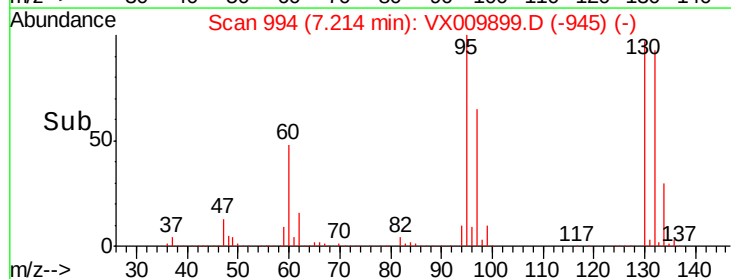
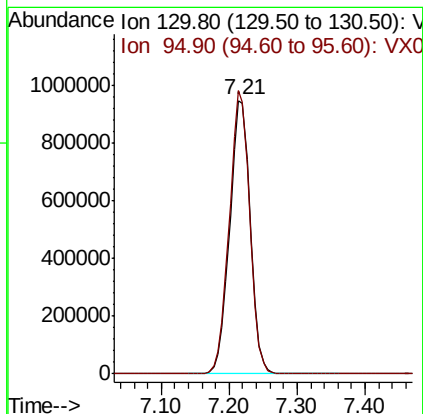
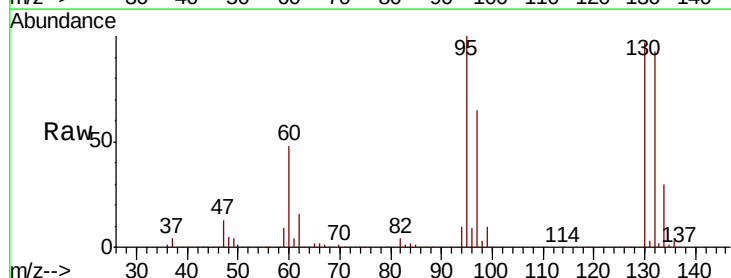
Tot Ion	43	Resp	267567
Ion Ratio	Lower	Upper	
43	100		
61	18.4	15.1	22.7
87	10.5	9.0	13.6

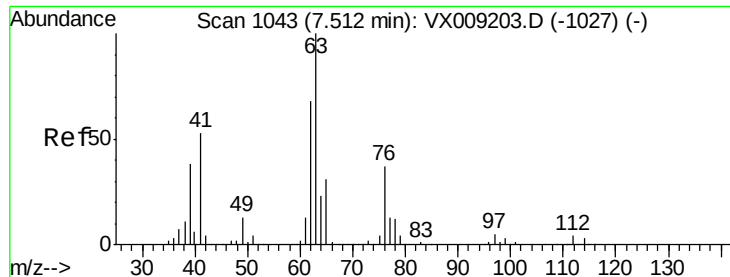


#44

Trichloroethene
 Concen: 1068.074 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion	130	Resp	1989537
Ion Ratio	Lower	Upper	
130	100		
95	103.5	0.0	199.2

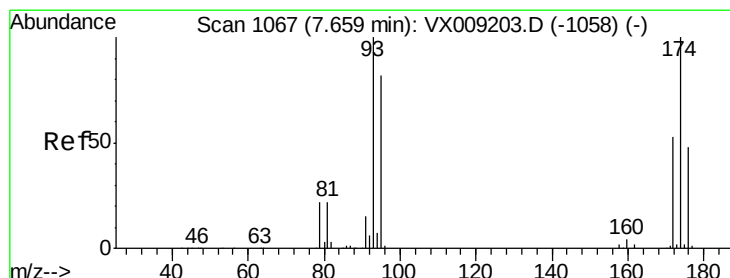
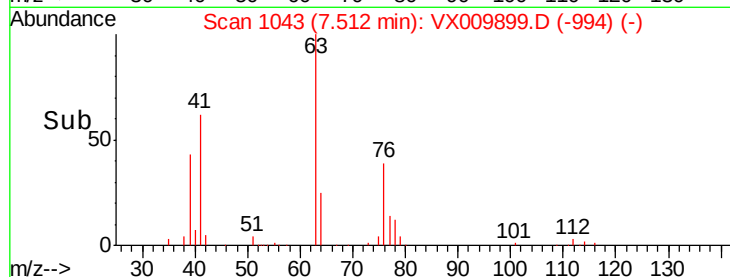
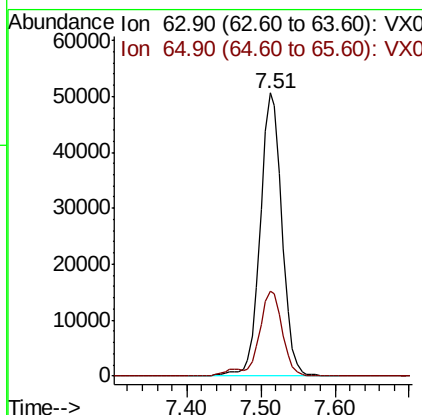
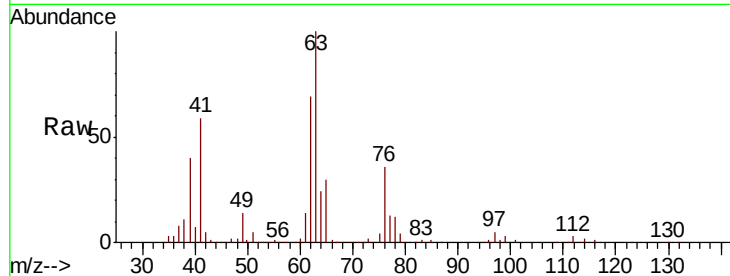




#45
 1,2-Dichloropropane
 Concen: 47.509 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

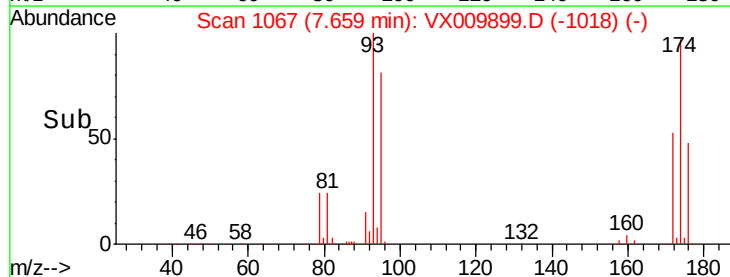
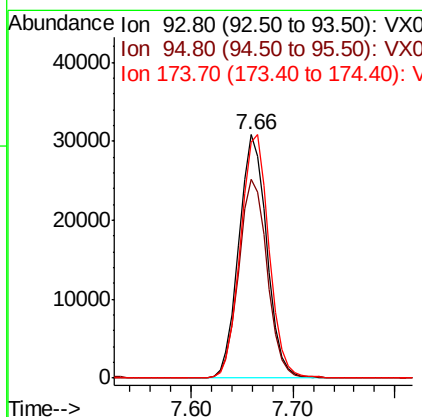
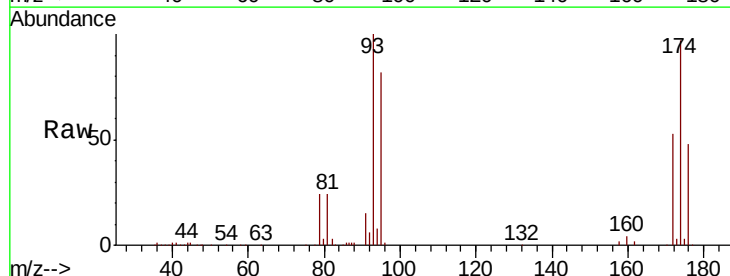
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

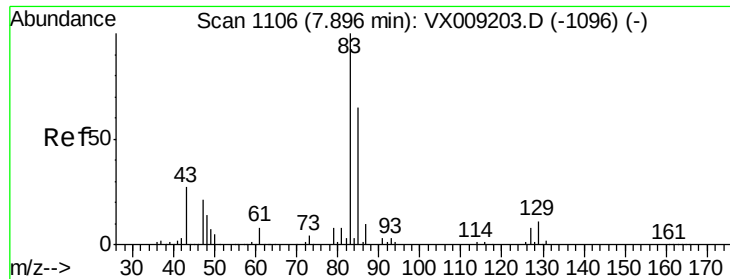
Tot Ion: 63 Resp: 103655
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 46.183 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 93 Resp: 58513
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 102.7 82.1 123.1





#47

Bromodichloromethane

Concen: 46.907 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

S32-0657MS

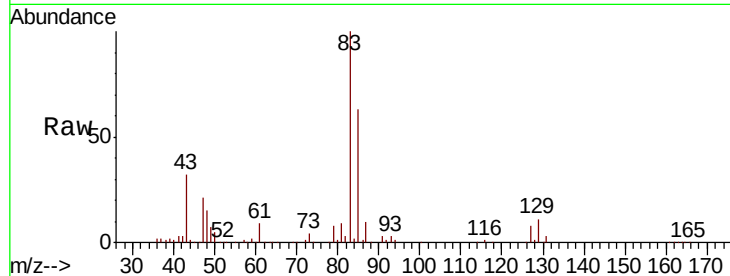
Tot Ion: 83 Resp: 118549

Ion Ratio Lower Upper

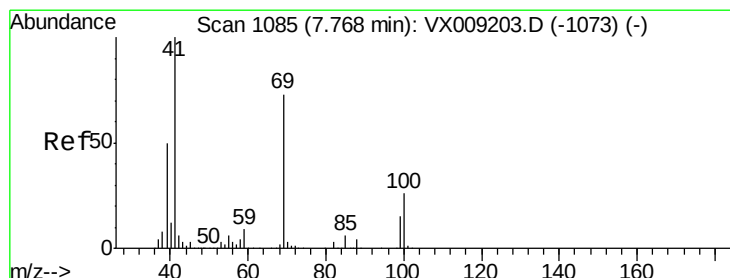
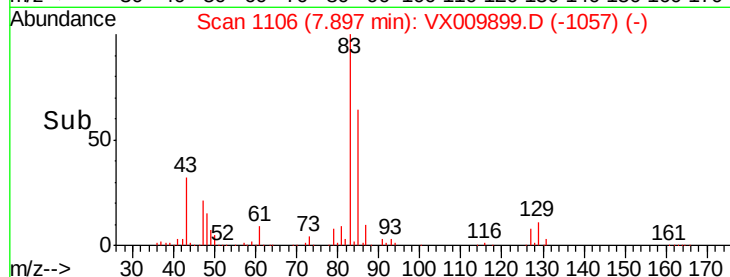
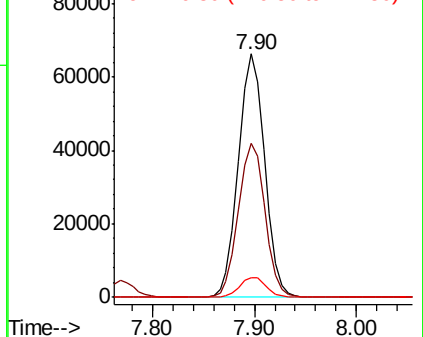
83 100

85 63.5 52.4 78.6

127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.922 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

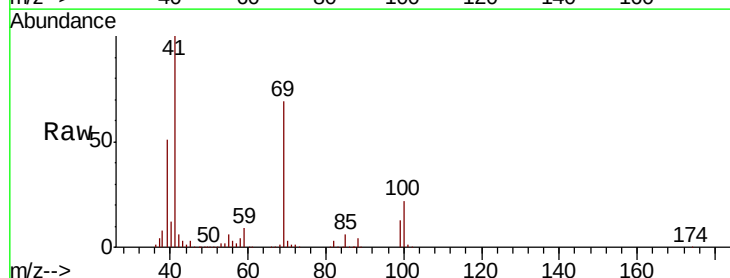
Tgt Ion: 41 Resp: 142932

Ion Ratio Lower Upper

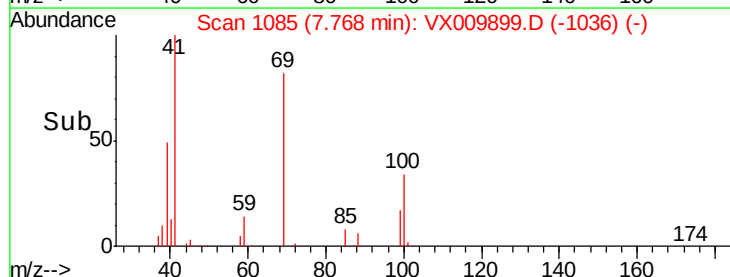
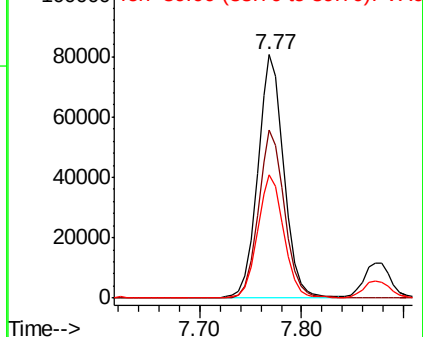
41 100

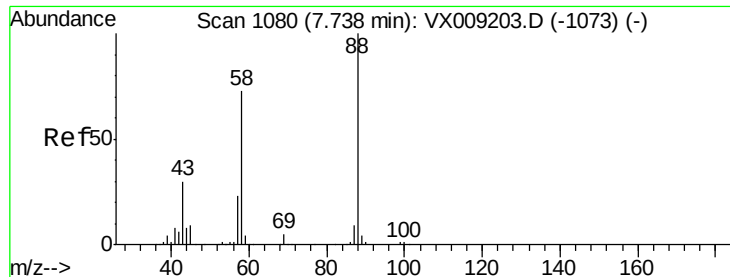
69 69.7 59.1 88.7

39 51.2 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

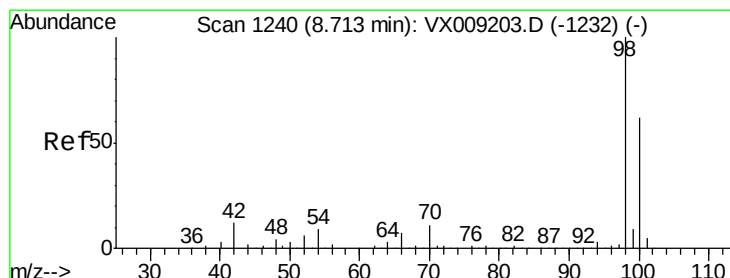
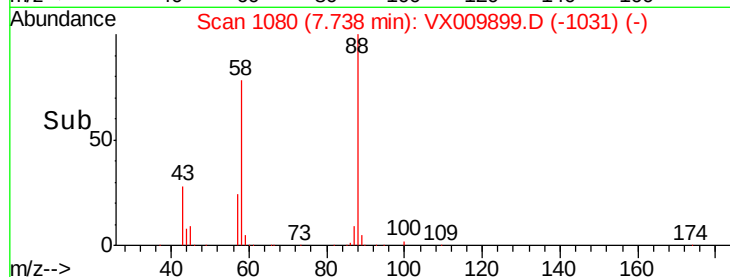
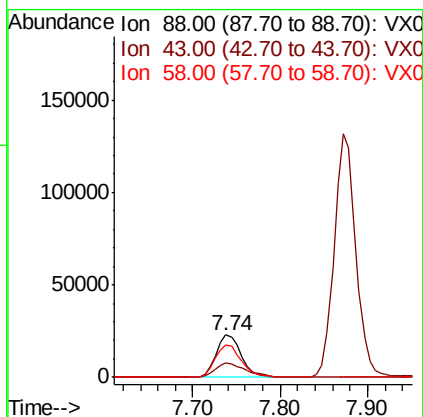
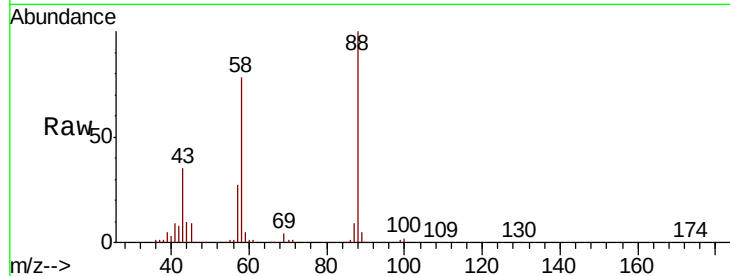




#49
 1,4-Dioxane
 Concen: 813.714 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

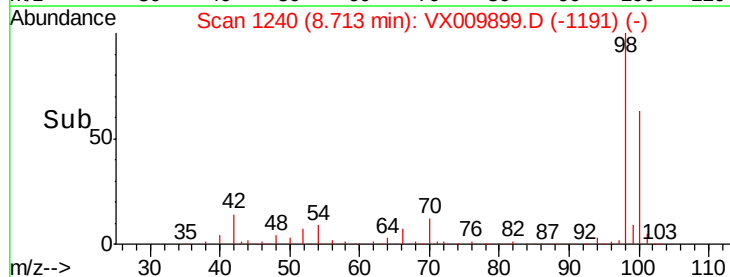
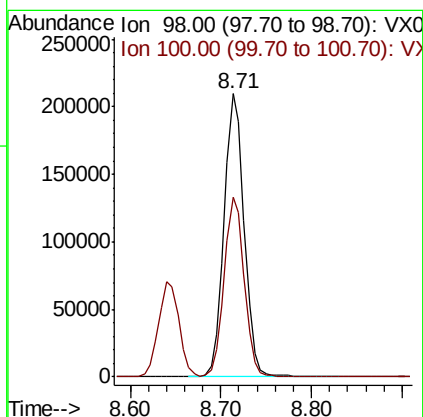
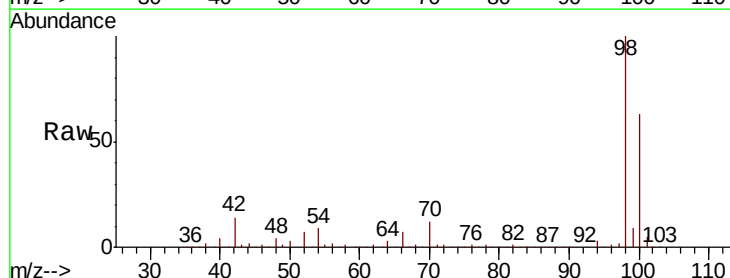
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

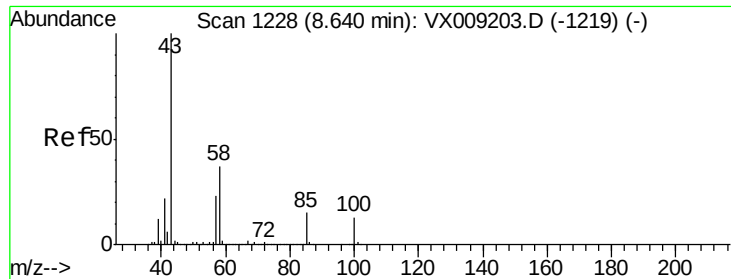
Tot Ion: 88 Resp: 45427
 Ion Ratio Lower Upper
 88 100
 43 39.7 28.6 42.8
 58 79.9 61.7 92.5



#50
 Toluene-d8
 Concen: 47.451 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 98 Resp: 322638
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8

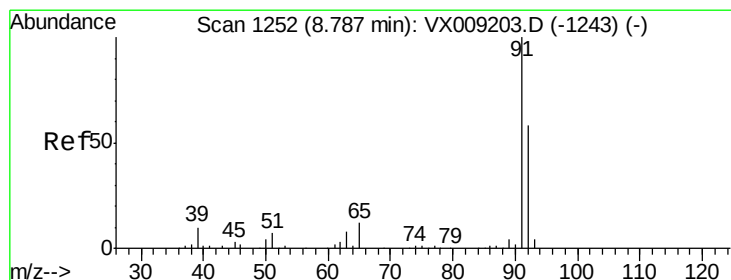
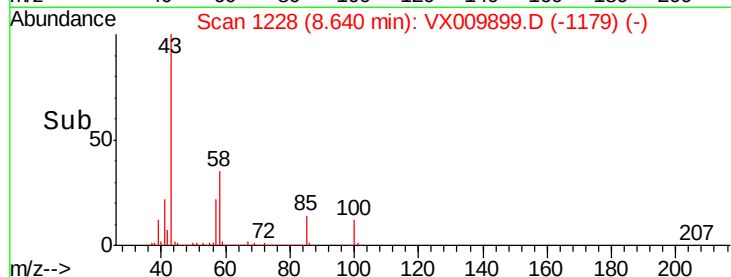
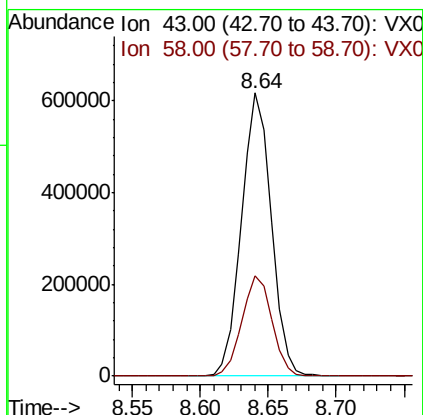
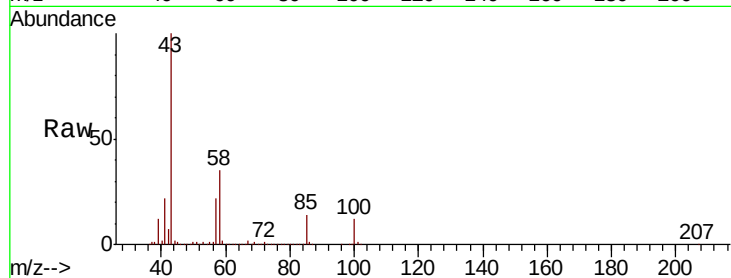




#51
 4-Methyl-2-Pentanone
 Concen: 261.714 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

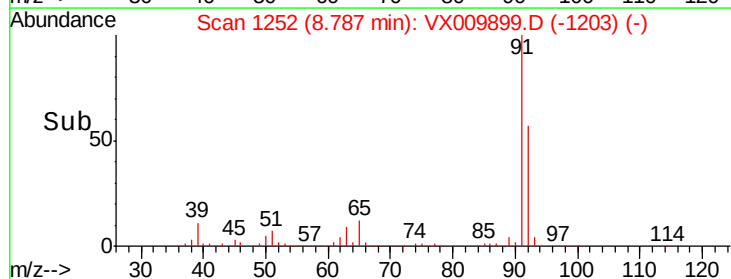
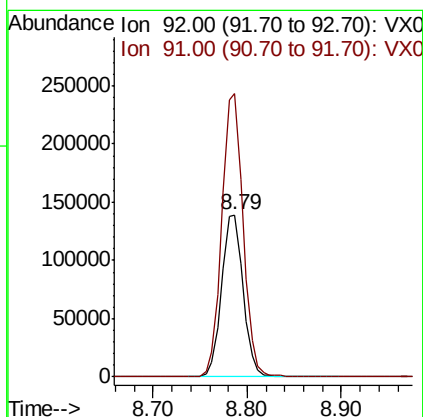
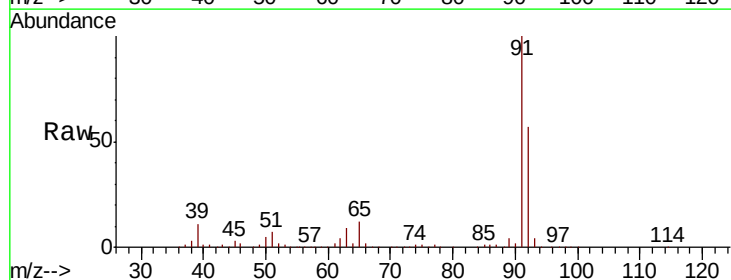
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

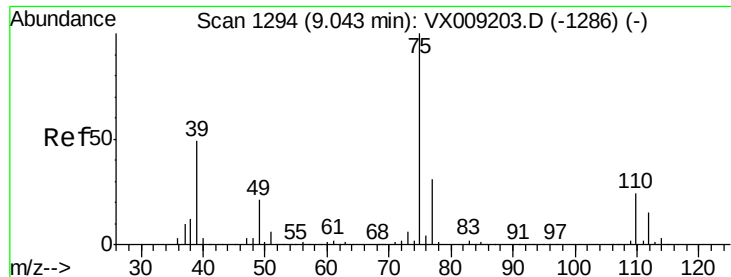
Tot Ion: 43 Resp: 949160
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.5 44.3



#52
 Toluene
 Concen: 47.215 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 92 Resp: 221144
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.8 208.2

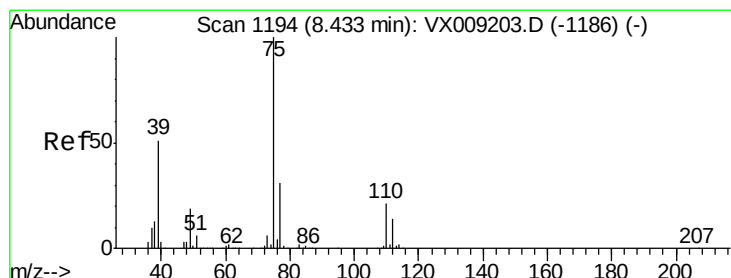
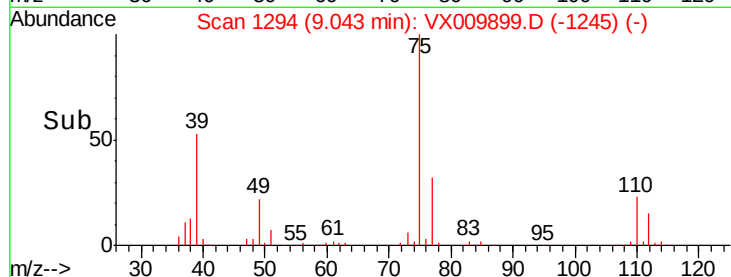
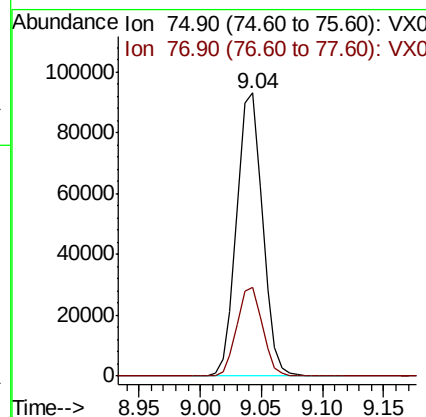
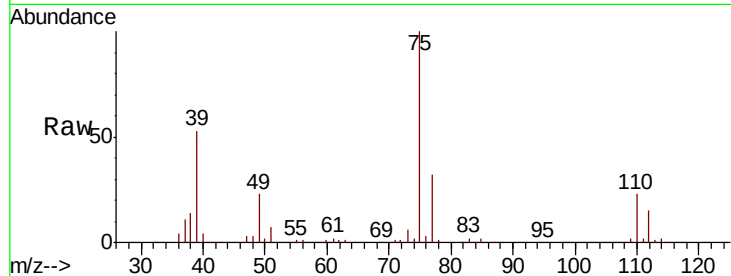




#53
t-1,3-Dichloropropene
Concen: 47.645 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

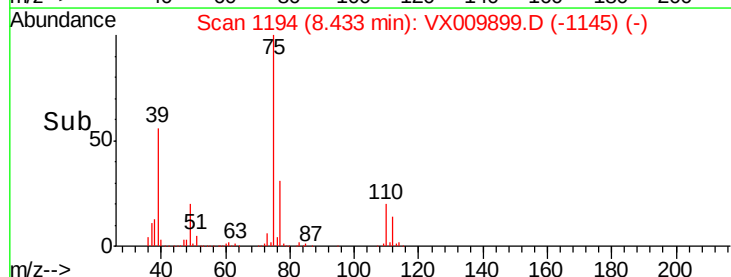
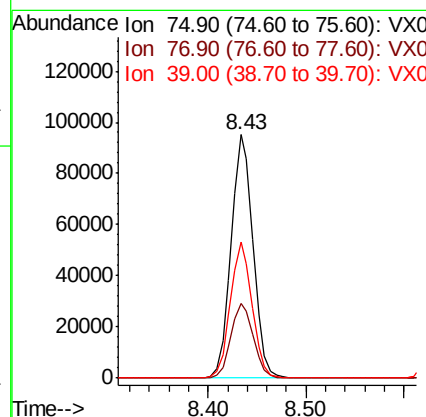
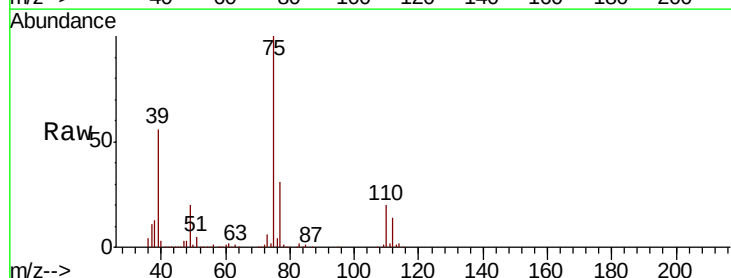
Instrument :
MSVOA_X
ClientSampled :
S32-0657MS

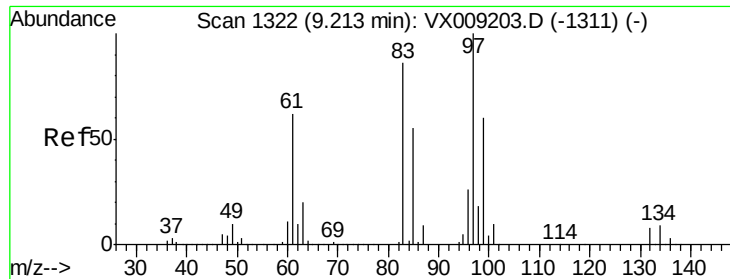
Tot Ion: 75 Resp: 135947
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 46.805 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion: 75 Resp: 147819
Ion Ratio Lower Upper
75 100
77 30.8 24.6 36.8
39 55.8 40.6 60.8

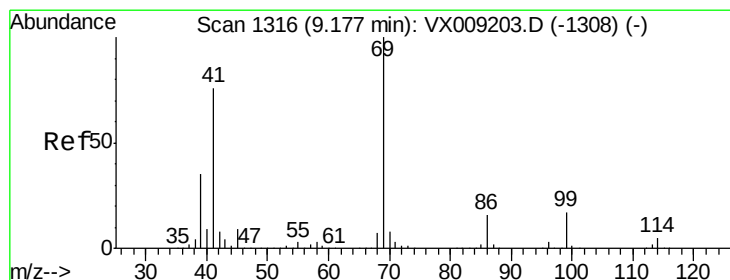
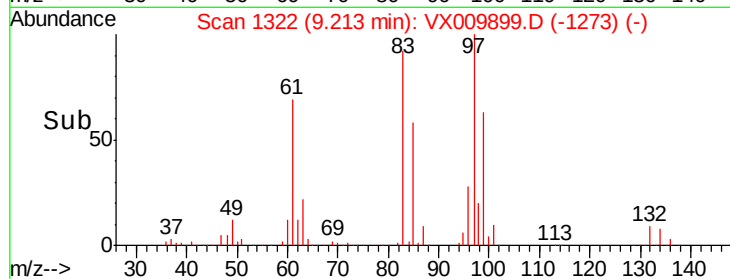
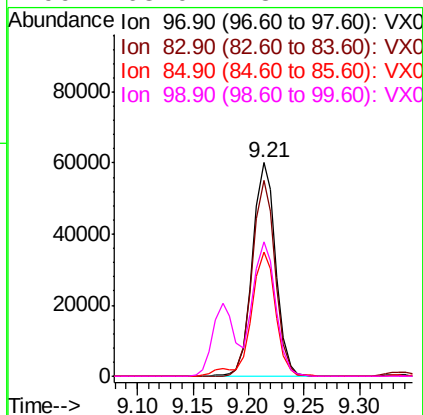
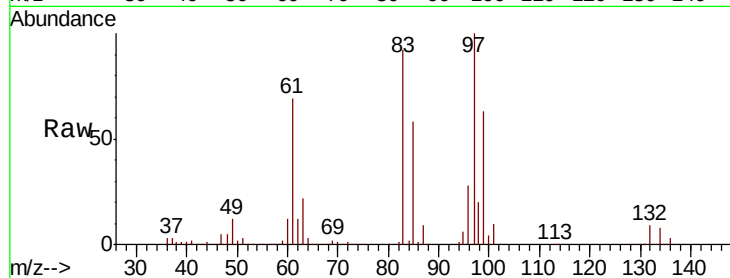




#55
 1,1,2-Trichloroethane
 Concen: 45.899 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

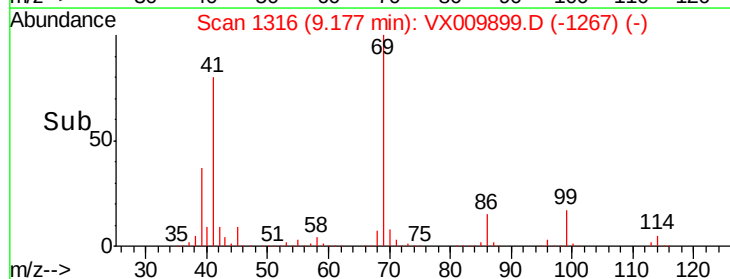
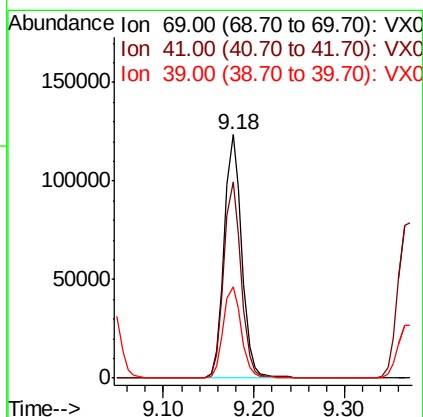
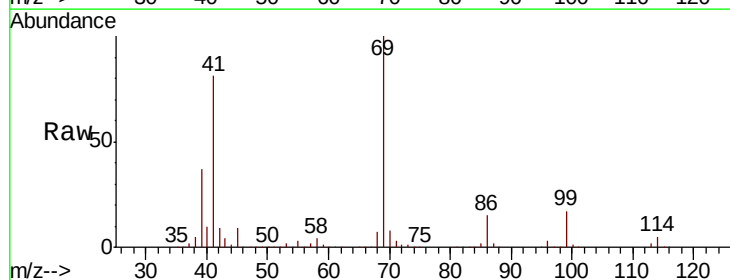
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0657MS

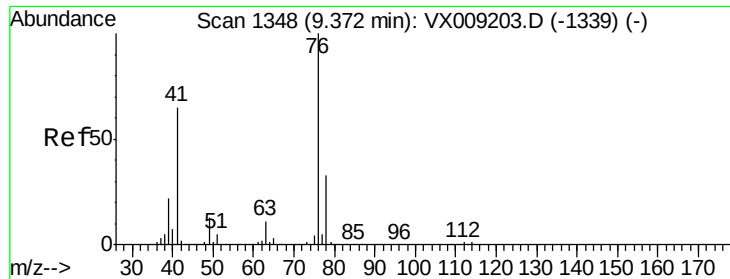
Tot Ion:	97	Resp:	87705
Ion	Ratio	Lower	Upper
97	100		
83	91.6	68.9	103.3
85	58.3	43.8	65.6
99	63.0	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 49.125 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion:	69	Resp:	167564
Ion	Ratio	Lower	Upper
69	100		
41	79.8	60.6	90.8
39	38.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 46.832 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

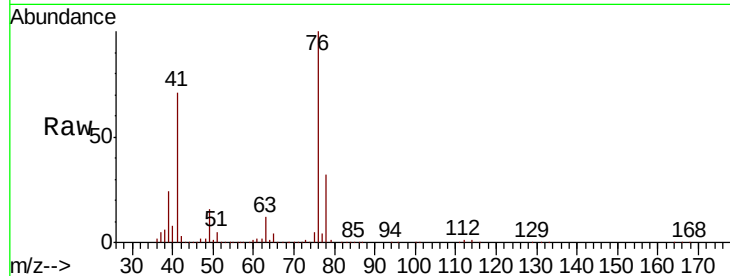
S32-0657MS

Tot Ion: 76 Resp: 157478

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

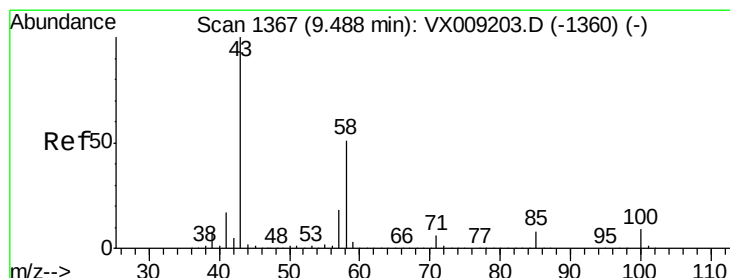
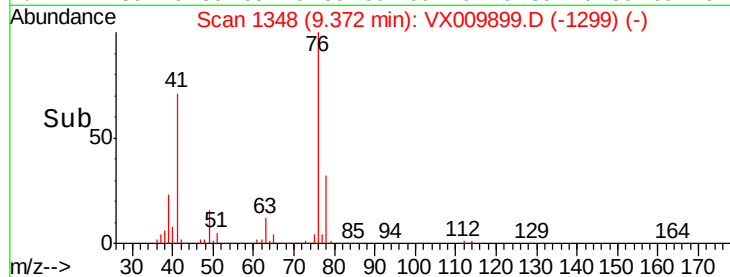
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 257.673 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX009899.D

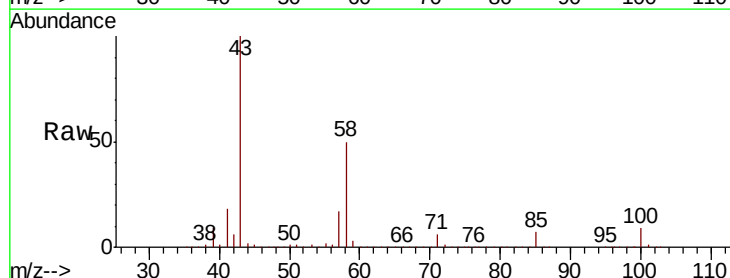
Acq: 24 May 2019 20:04

Tgt Ion: 43 Resp: 733949

Ion Ratio Lower Upper

43 100

58 49.9 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

500000

400000

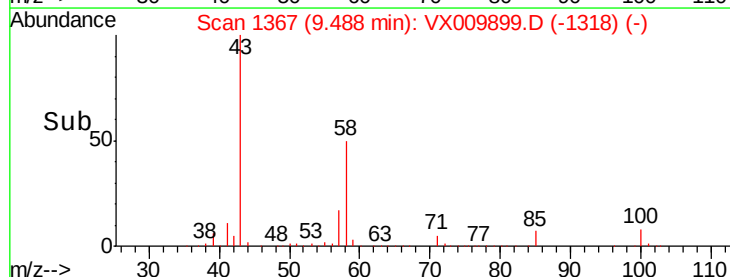
300000

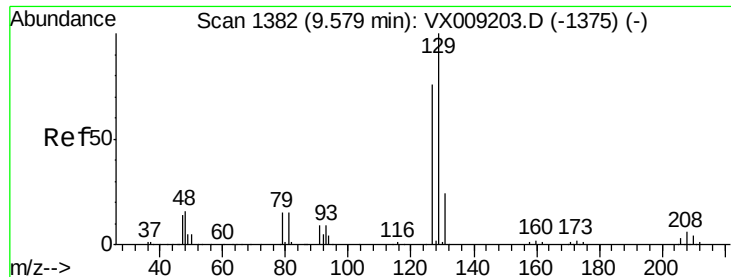
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 47.602 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

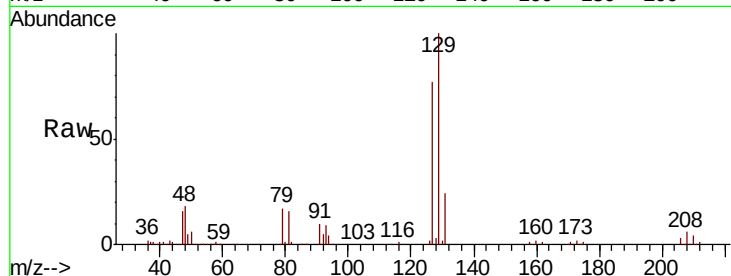
S32-0657MS

Tot Ion:129 Resp: 88839

Ion Ratio Lower Upper

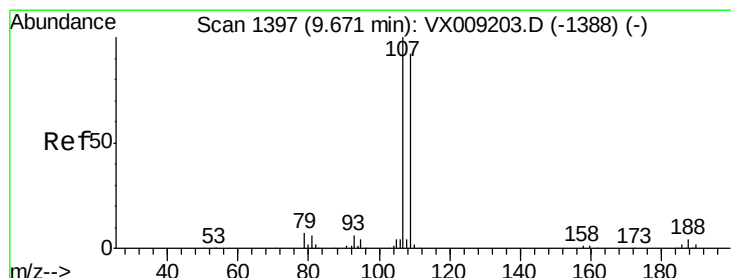
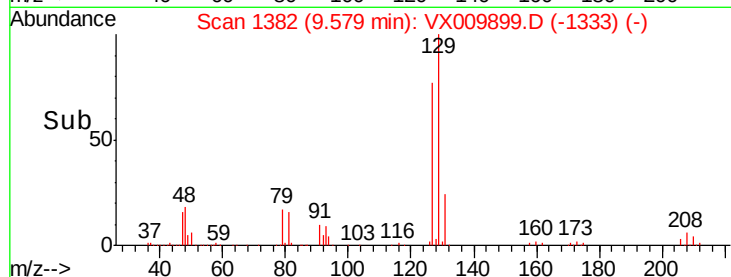
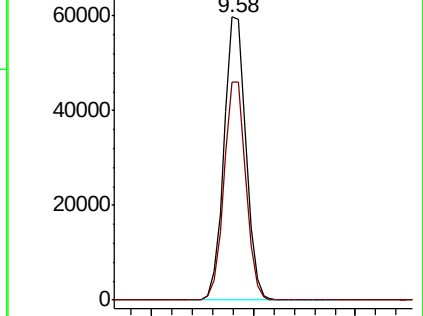
129 100

127 76.8 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 47.636 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009899.D

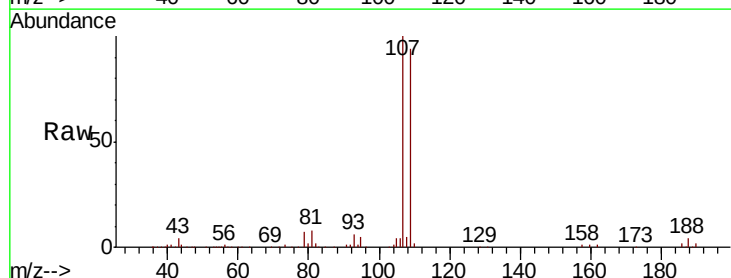
Acq: 24 May 2019 20:04

Tgt Ion:107 Resp: 91884

Ion Ratio Lower Upper

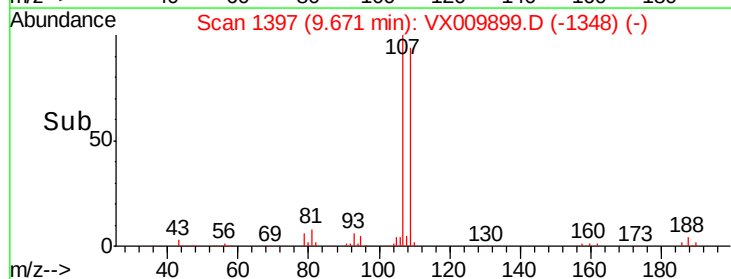
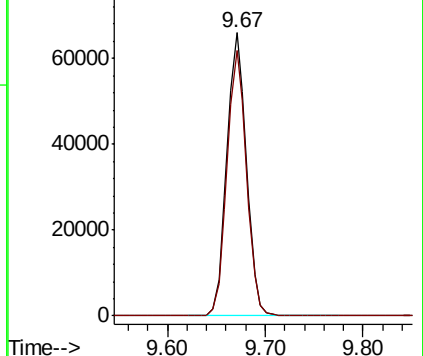
107 100

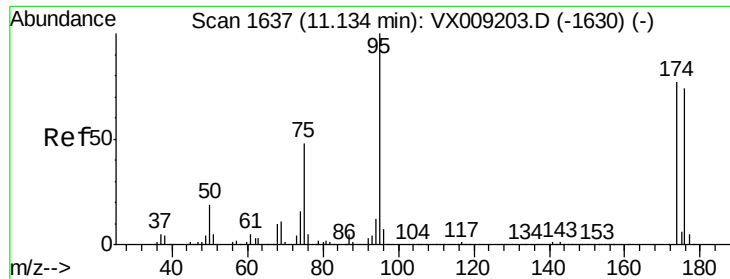
109 93.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

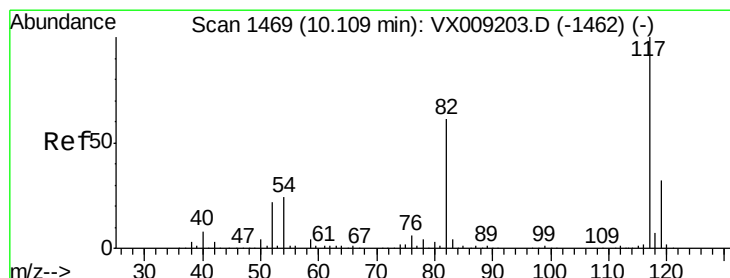
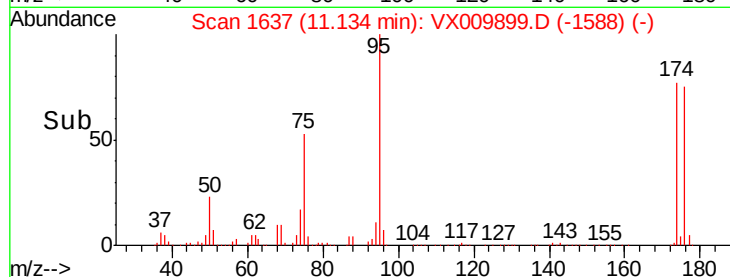
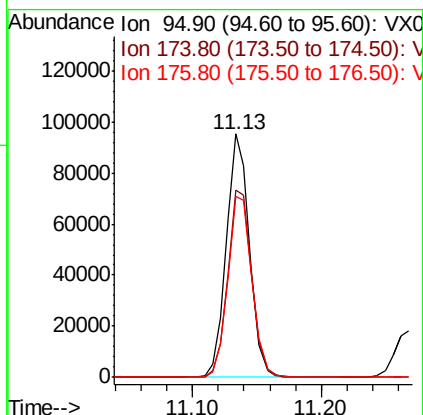
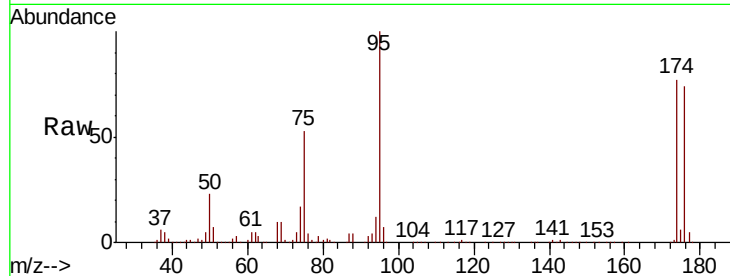




#62
4-Bromofluorobenzene
Concen: 48.668 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

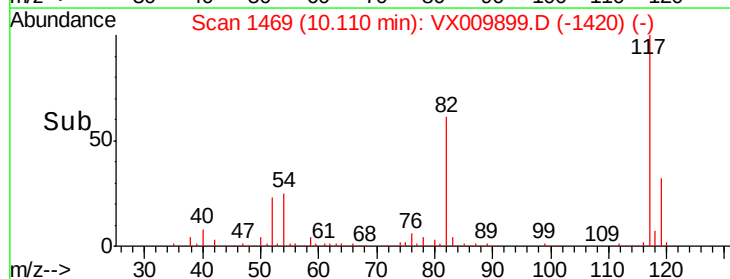
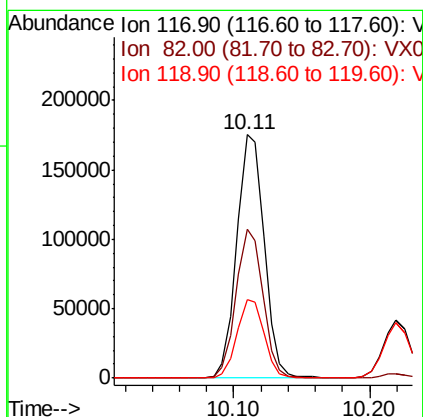
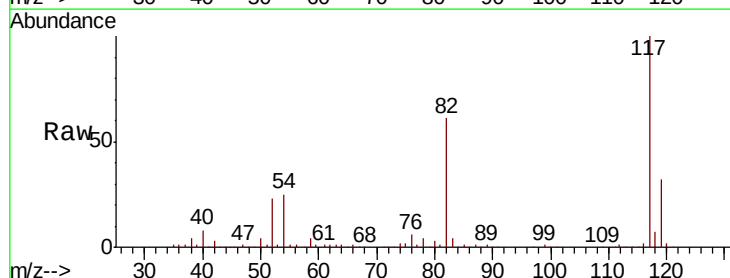
Instrument :
MSVOA_X
ClientSampleId :
S32-0657MS

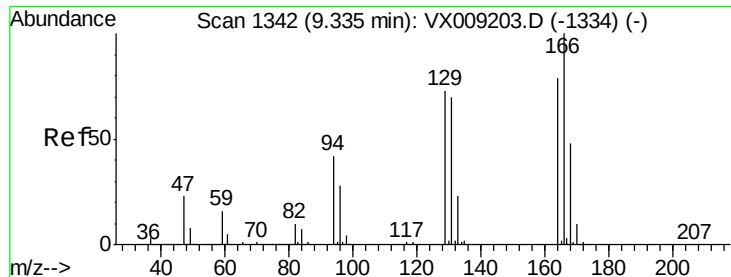
Tot Ion: 95 Resp: 120240
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.6
176 77.7 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion: 117 Resp: 247507
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 32.2 25.8 38.6

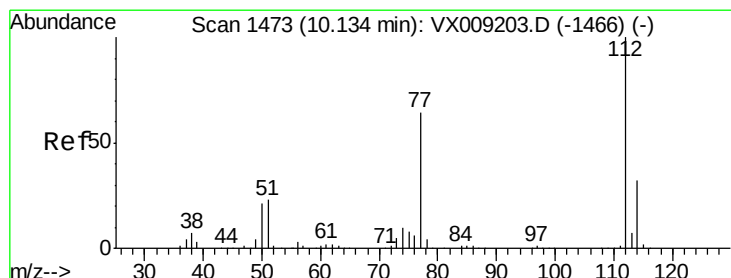
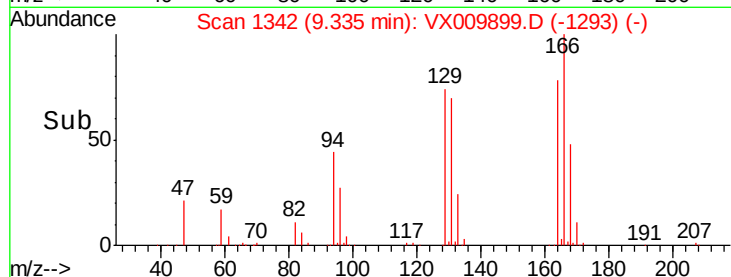
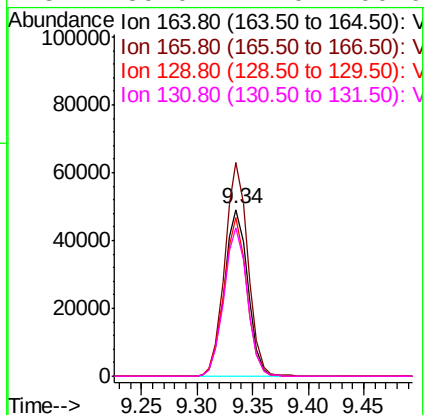
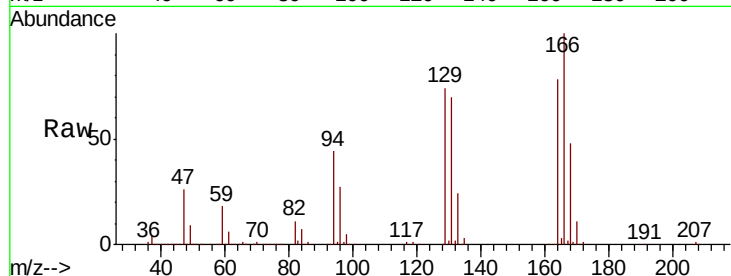




#64
Tetrachloroethene
Concen: 42.269 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

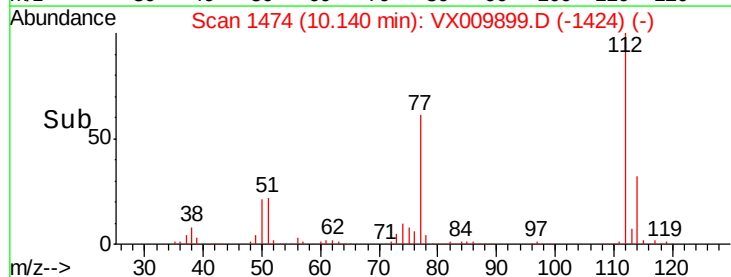
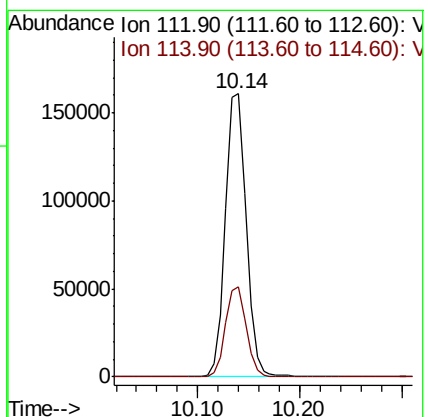
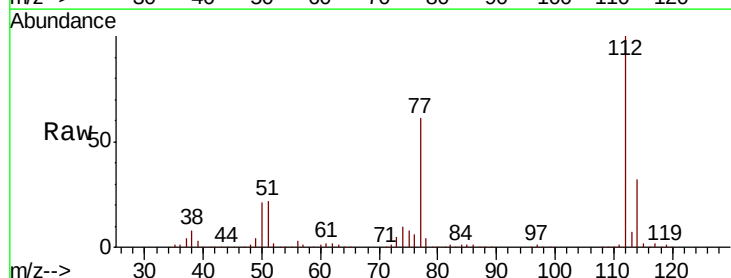
Instrument :
MSVOA_X
ClientSampleId :
S32-0657MS

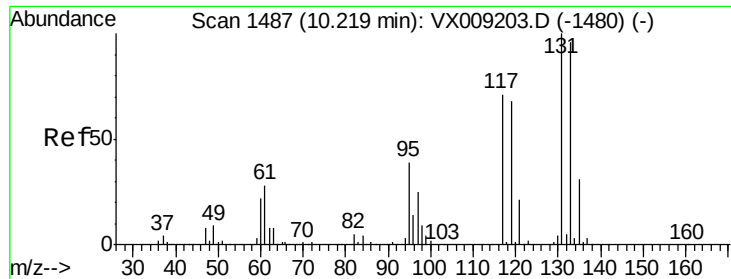
Tot Ion:164 Resp: 71763
Ion Ratio Lower Upper
164 100
166 128.0 101.2 151.8
129 94.8 74.3 111.5
131 89.0 71.0 106.6



#65
Chlorobenzene
Concen: 46.124 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion:112 Resp: 228374
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

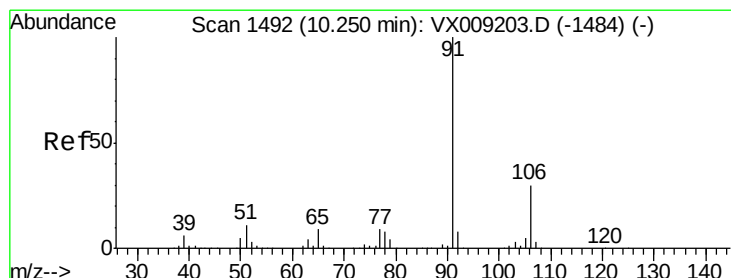
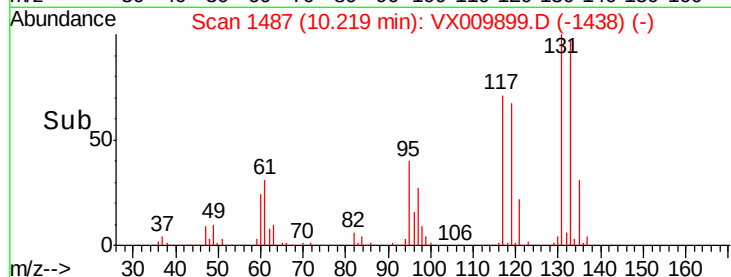
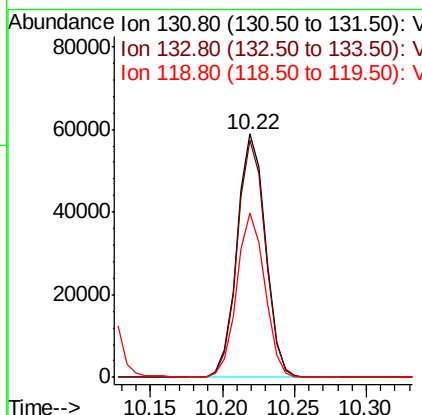
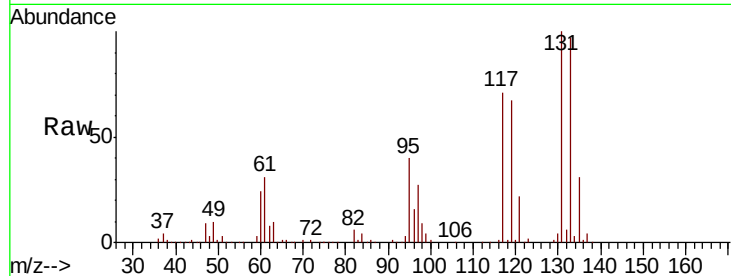




#66
 1,1,1,2-Tetrachloroethane
 Concen: 45.053 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

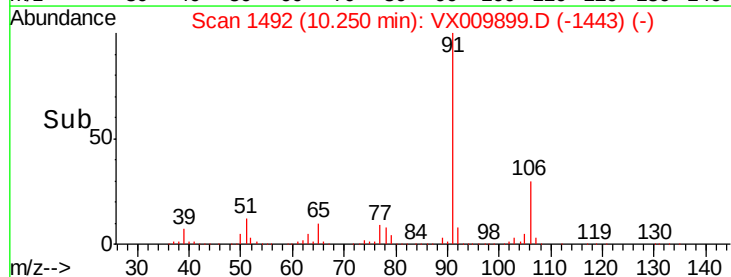
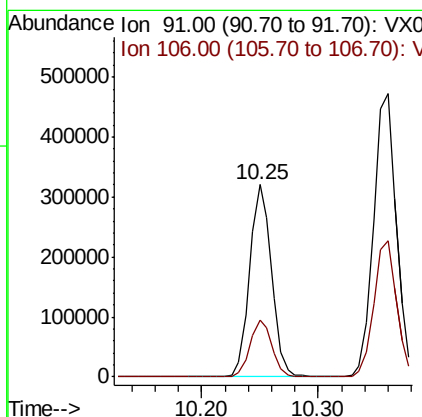
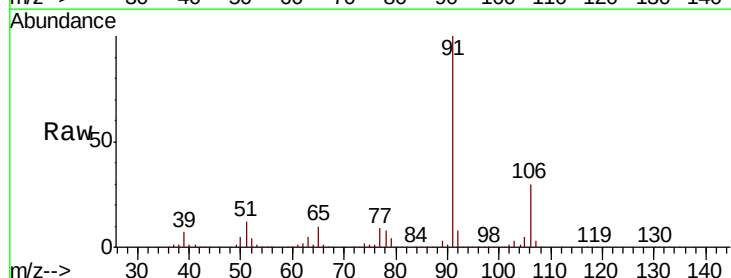
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

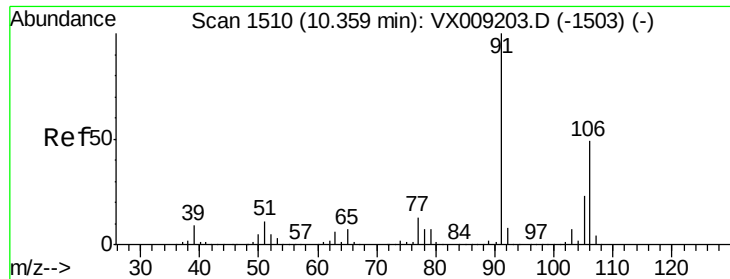
Tot Ion:131 Resp: 80871
 Ion Ratio Lower Upper
 131 100
 133 96.8 47.7 143.1
 119 67.2 33.5 100.4



#67
 Ethyl Benzene
 Concen: 46.324 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 91 Resp: 422116
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.0 36.0

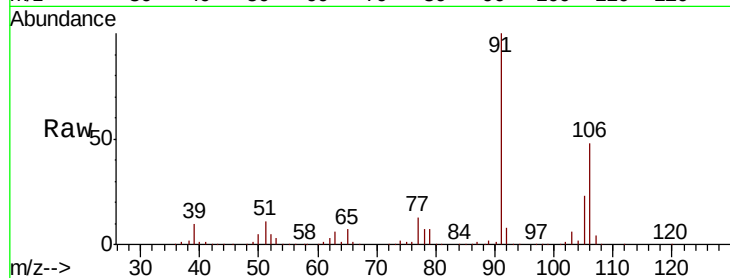




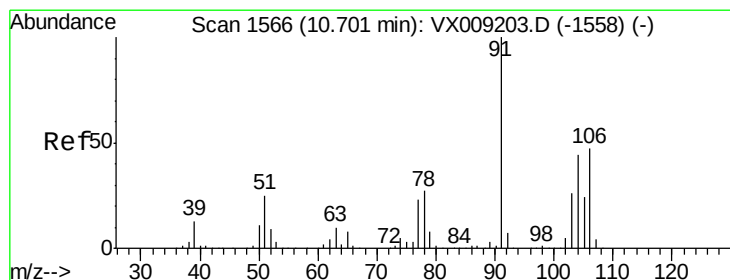
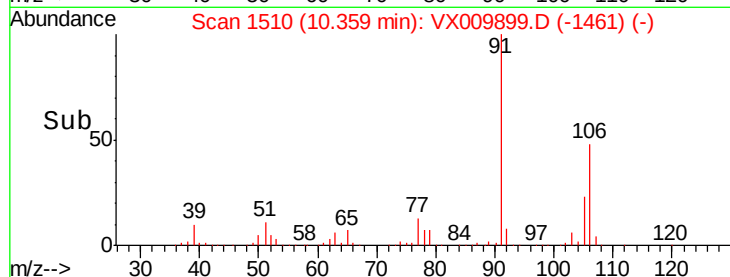
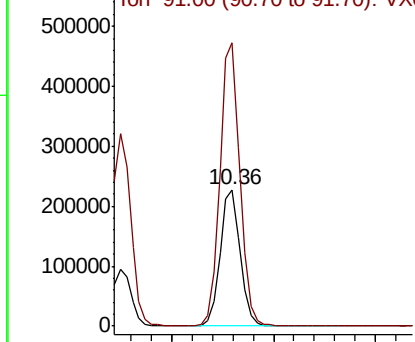
#68
m/p-Xylenes
Concen: 93.138 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Instrument :
MSVOA_X
ClientSampled :
S32-0657MS

Tot Ion:106 Resp: 310138
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0

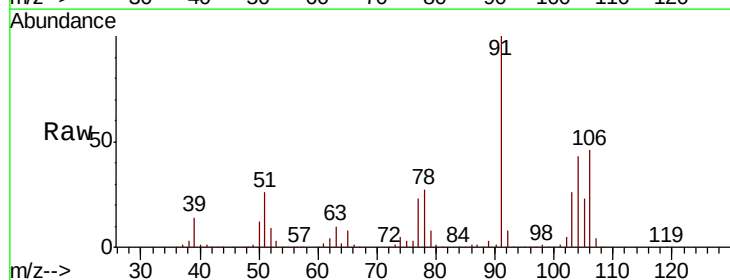


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

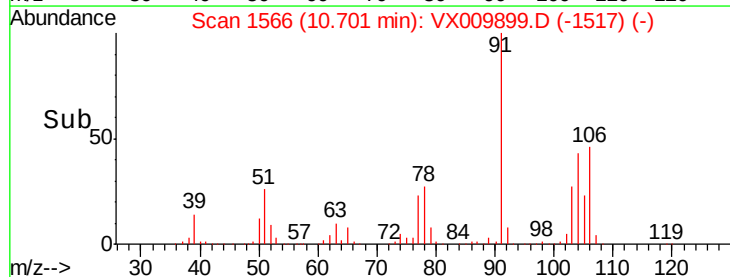
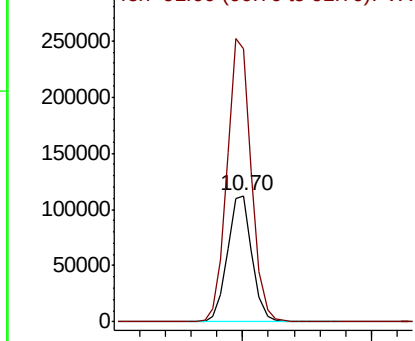


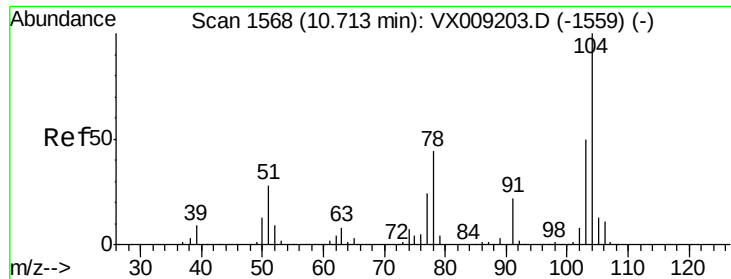
#69
o-Xylene
Concen: 45.665 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion:106 Resp: 150028
Ion Ratio Lower Upper
106 100
91 221.7 109.5 328.4



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

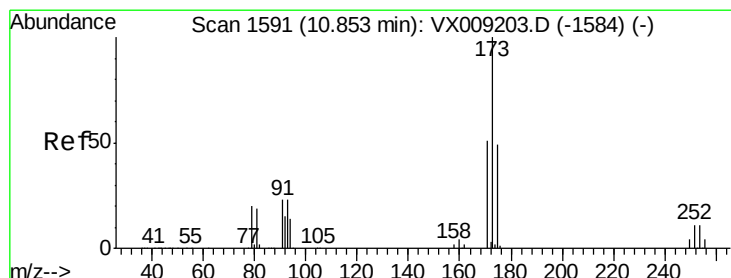
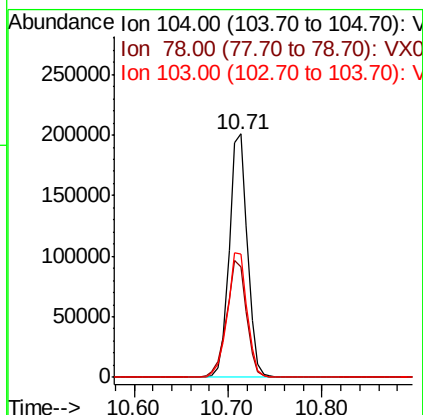
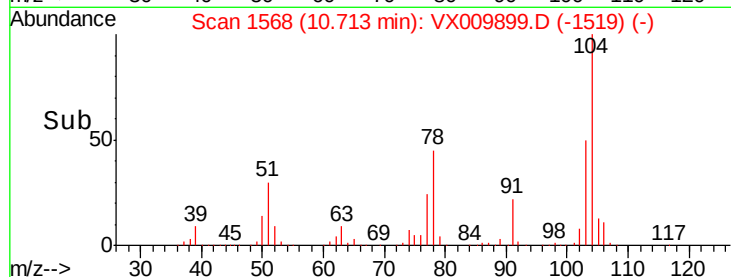
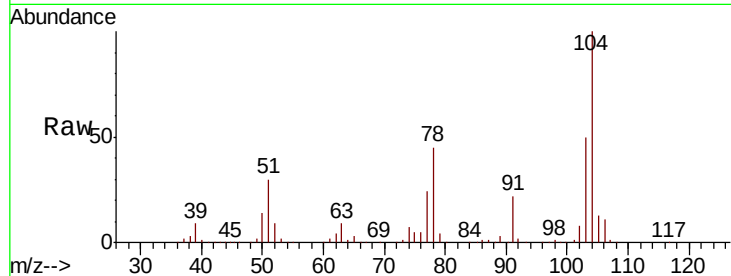




#70
Stvrene
Concen: 46.935 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

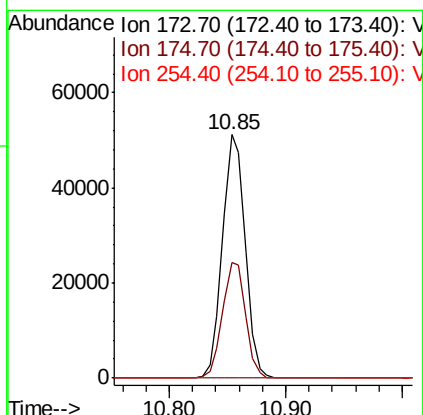
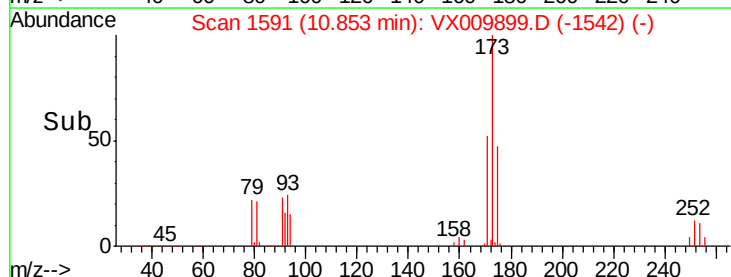
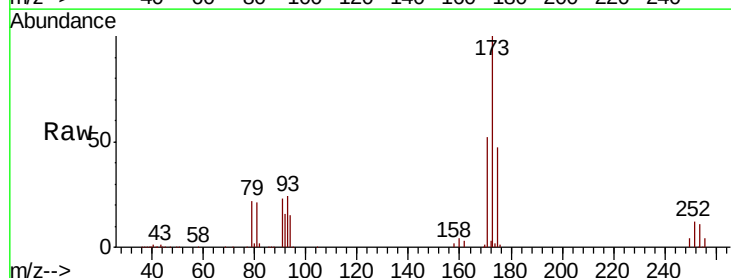
Instrument :
MSVOA_X
ClientSampled :
S32-0657MS

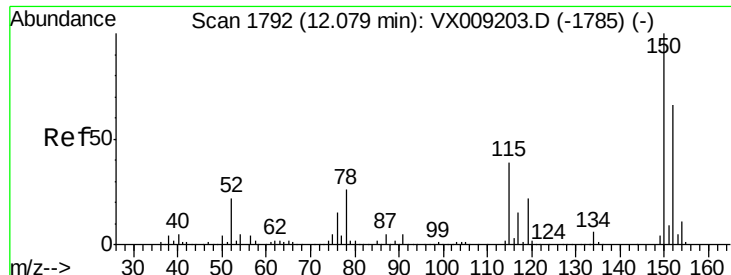
Tot Ion:104 Resp: 268014
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.4
103 55.4 43.8 65.6



#71
Bromoform
Concen: 47.259 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion:173 Resp: 68938
Ion Ratio Lower Upper
173 100
175 48.3 24.5 73.5
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

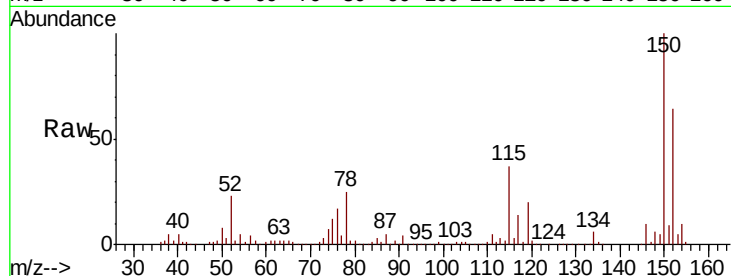
Tot Ion:152 Resp: 122748

Ion Ratio Lower Upper

152 100

115 79.2 41.2 123.6

150 170.4 0.0 346.4

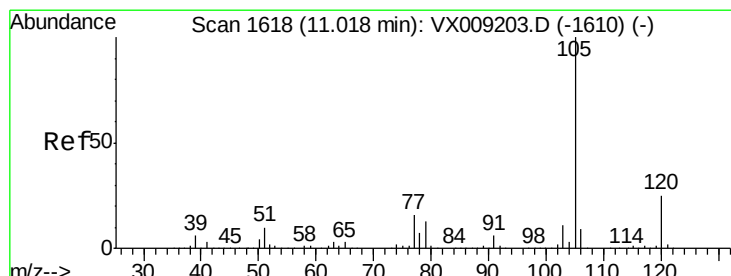
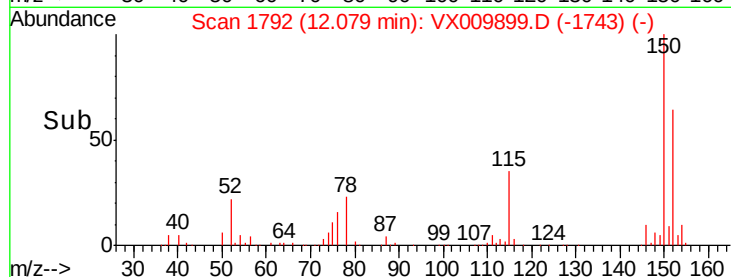
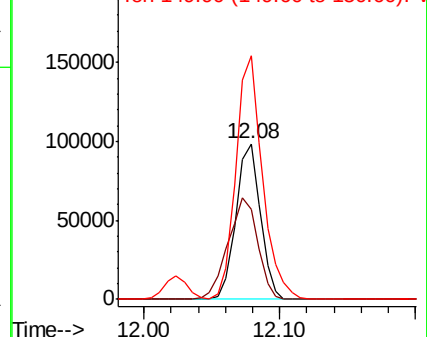


Abundance

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: 45.058 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009899.D

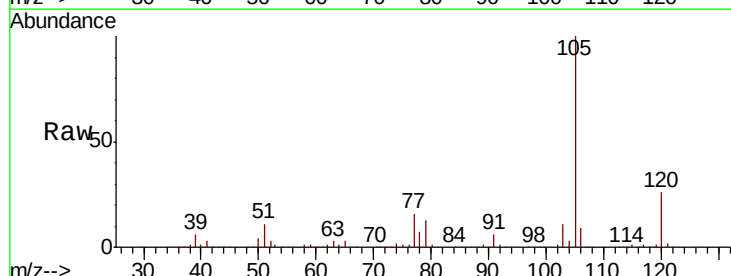
Acq: 24 May 2019 20:04

Tgt Ion:105 Resp: 402190

Ion Ratio Lower Upper

105 100

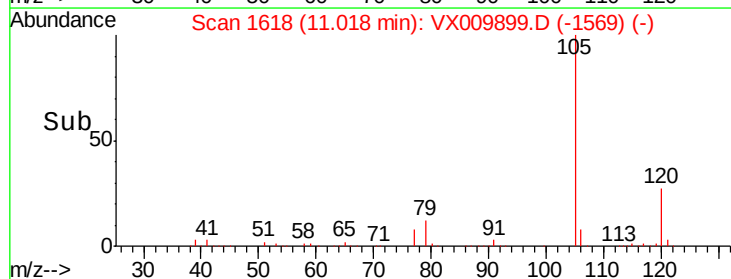
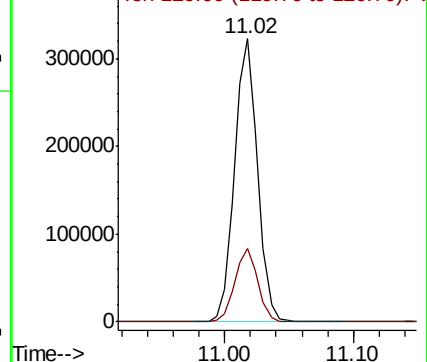
120 25.8 12.8 38.3

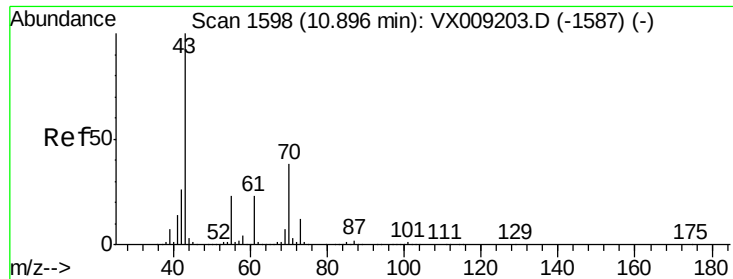


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

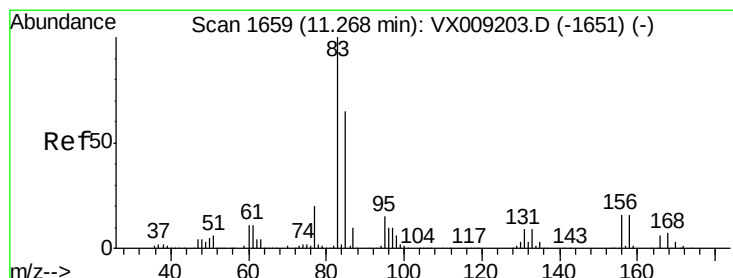
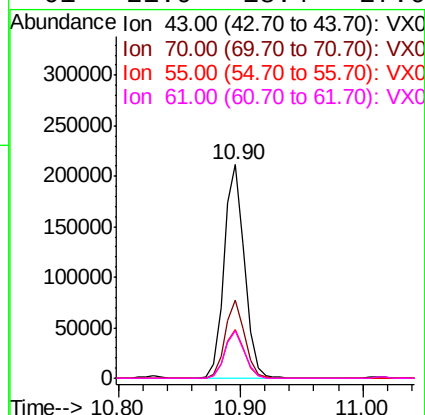
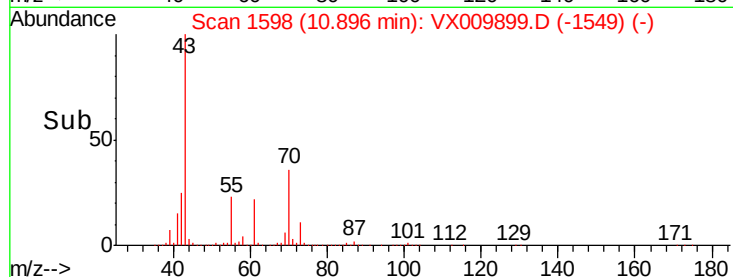
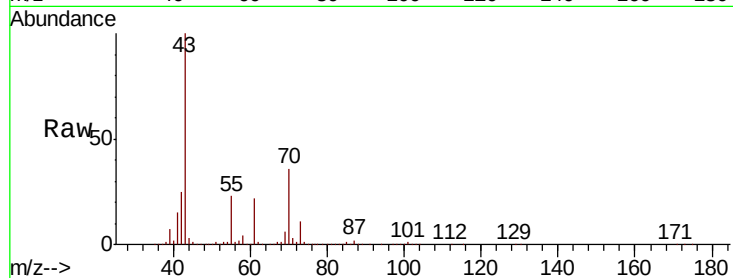




#74
N-amvl acetate
Concen: 46.769 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

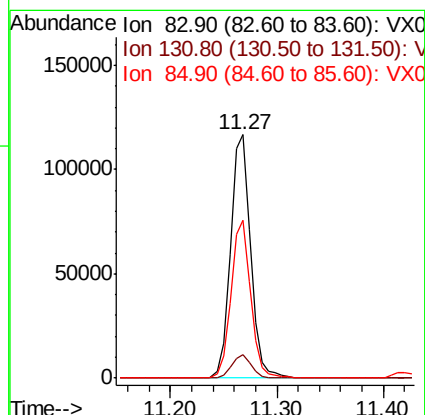
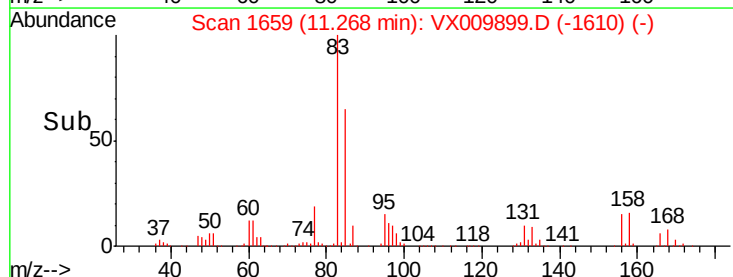
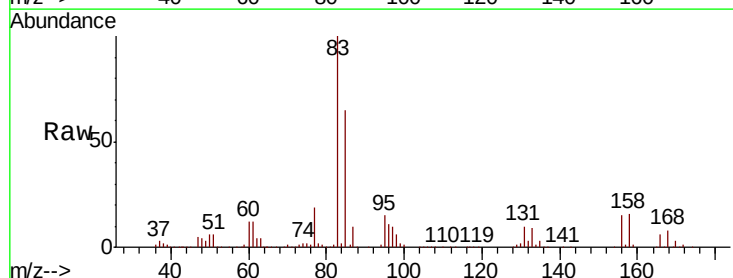
Instrument :
MSVOA_X
ClientSampleId :
S32-0657MS

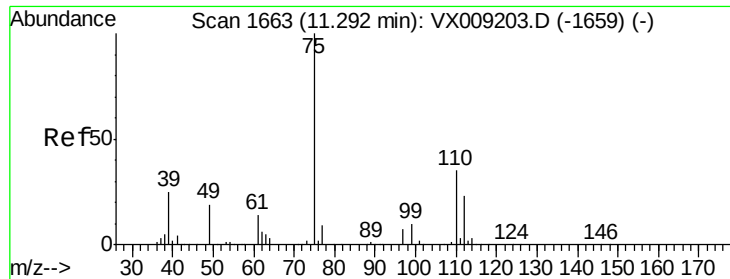
Tot Ion:	43	Resp:	243385
Ion	Ratio	Lower	Upper
43	100		
70	35.4	30.0	45.0
55	22.5	17.9	26.9
61	21.9	18.4	27.6



#75
1,1,2,2-Tetrachloroethane
Concen: 46.295 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion:	83	Resp:	154046
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	63.6	32.0	96.2





#76

1,2,3-Trichloropropane

Concen: 62.829 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

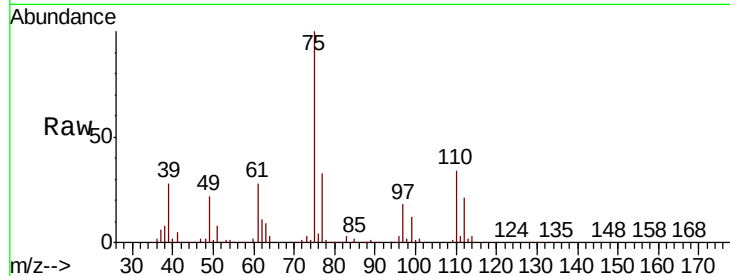
S32-0657MS

Tot Ion: 75 Resp: 178893

Ion Ratio Lower Upper

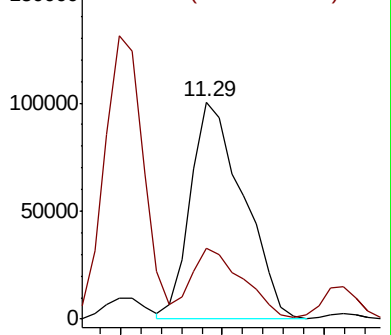
75 100

77 32.2 22.1 66.1

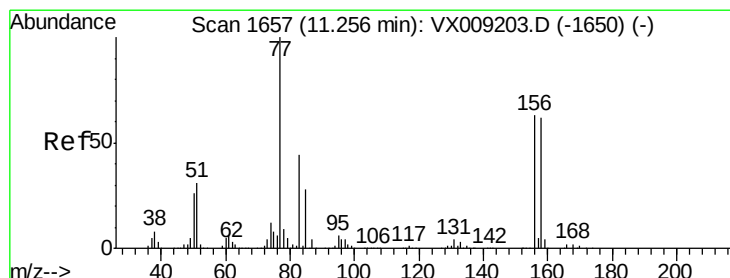
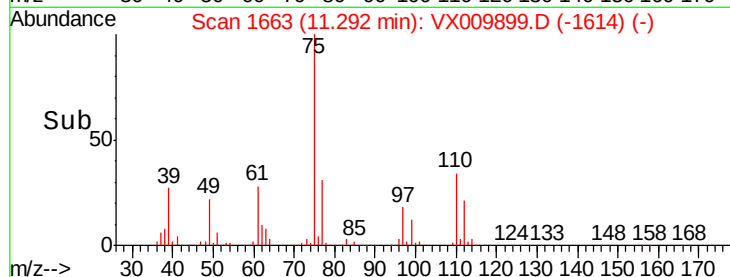


Abundance Ion 74.90 (74.60 to 75.60): VX009203.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX009203.D (-1659) (-)



Time-->



#77

Bromobenzene

Concen: 45.169 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

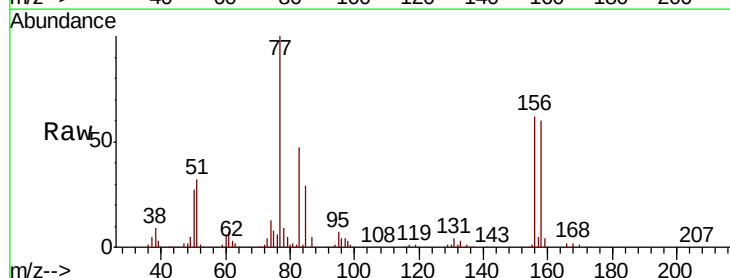
Tgt Ion: 156 Resp: 100072

Ion Ratio Lower Upper

156 100

77 173.9 84.8 254.3

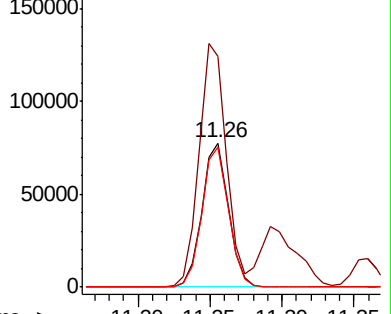
158 97.4 49.1 147.3



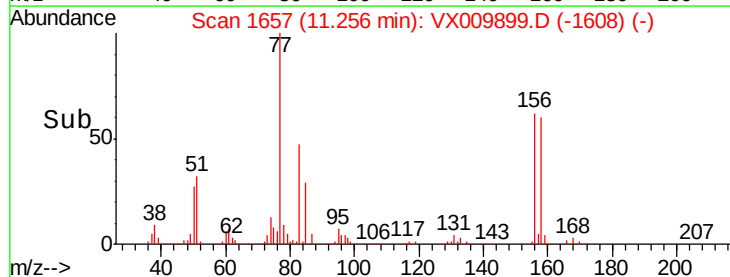
Abundance Ion 155.80 (155.50 to 156.50): VX009203.D (-1650) (-)

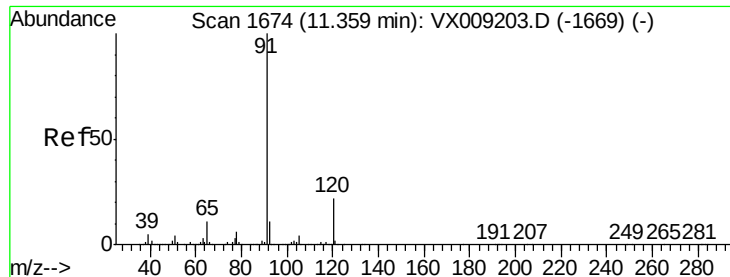
Ion 77.00 (76.70 to 77.70): VX009203.D (-1650) (-)

Ion 157.80 (157.50 to 158.50): VX009203.D (-1650) (-)



Time-->





#78

n-propylbenzene

Concen: 45.984 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

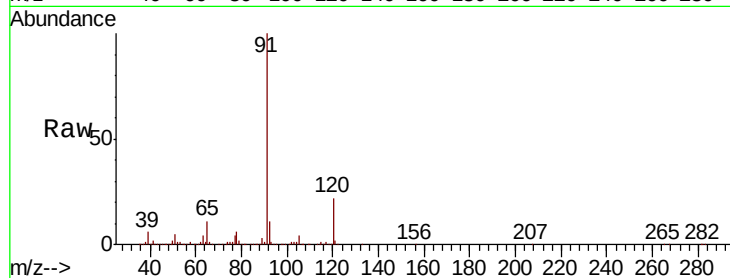
S32-0657MS

Tot Ion: 91 Resp: 468758

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

400000

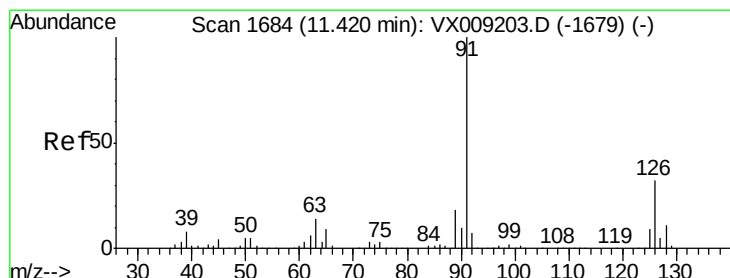
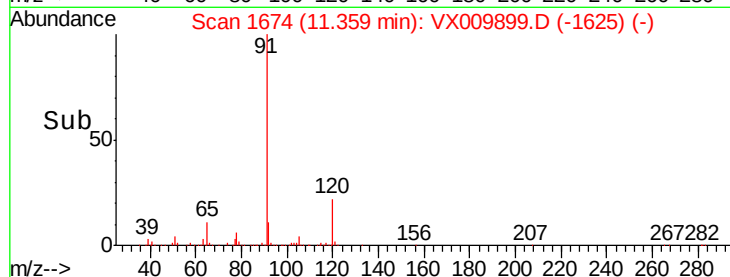
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 44.793 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009899.D

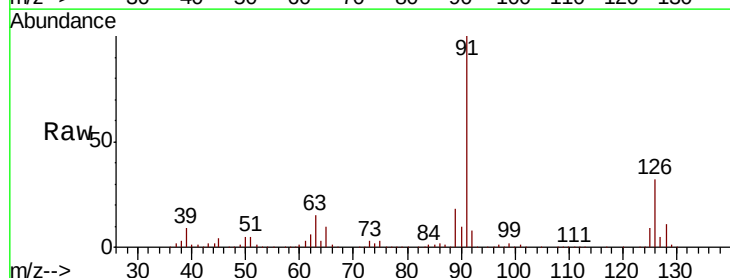
Acq: 24 May 2019 20:04

Tgt Ion: 91 Resp: 281712

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

400000

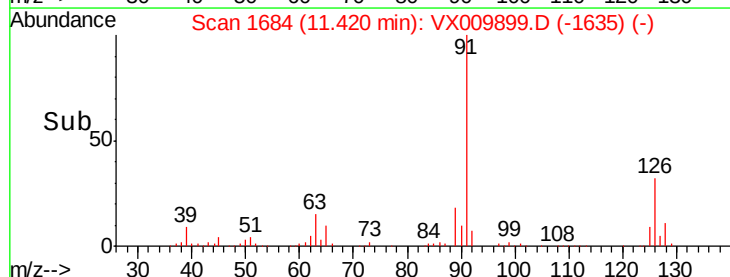
300000

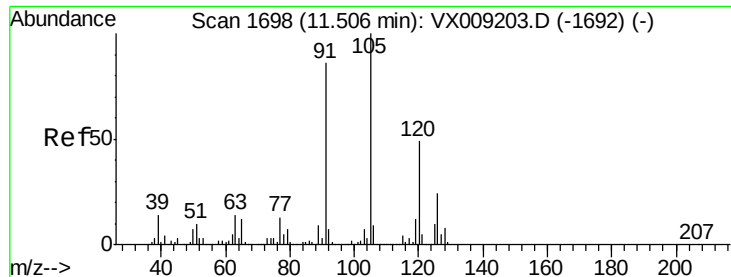
200000

100000

0

Time--> 11.40 11.45

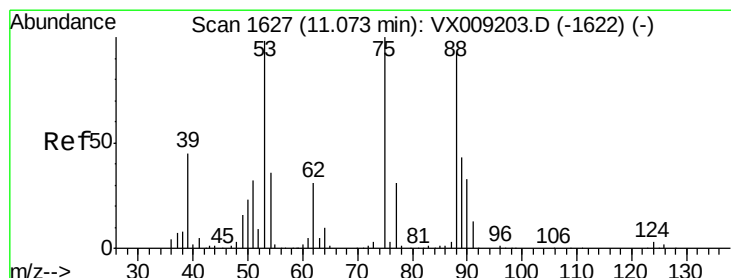
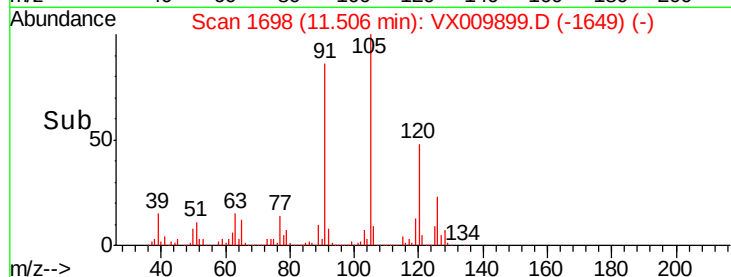
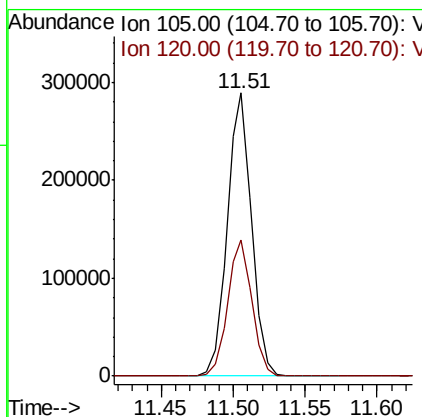
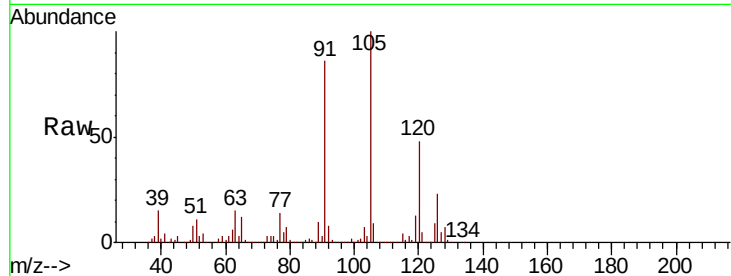




#80
 1,3,5-Trimethylbenzene
 Concen: 45.484 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

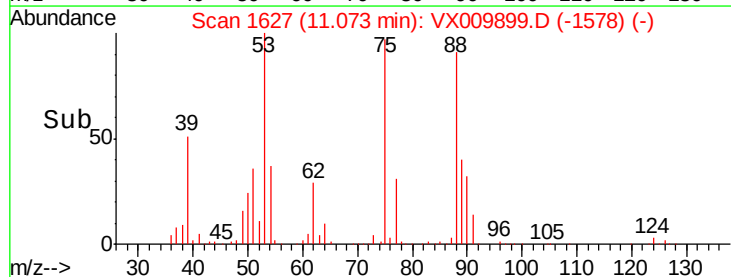
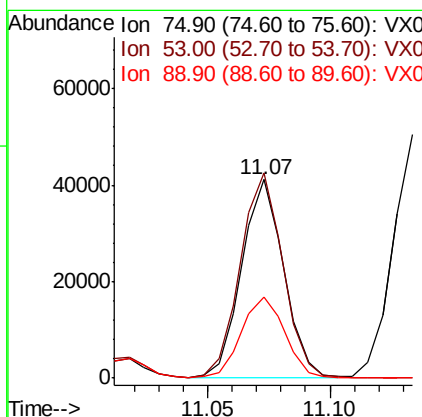
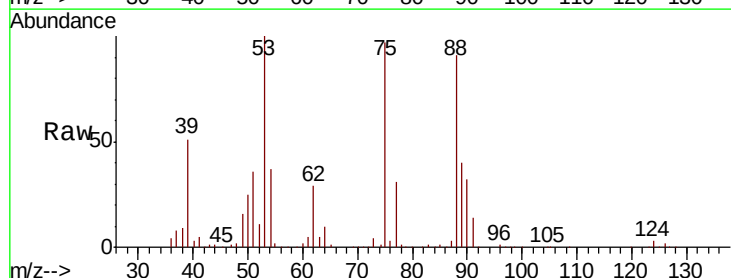
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

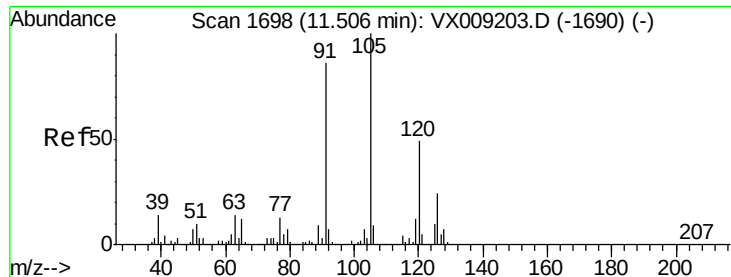
Tot Ion:105 Resp: 341851
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.981 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion: 75 Resp: 48943
 Ion Ratio Lower Upper
 75 100
 53 104.9 79.0 118.6
 89 42.8 34.7 52.1

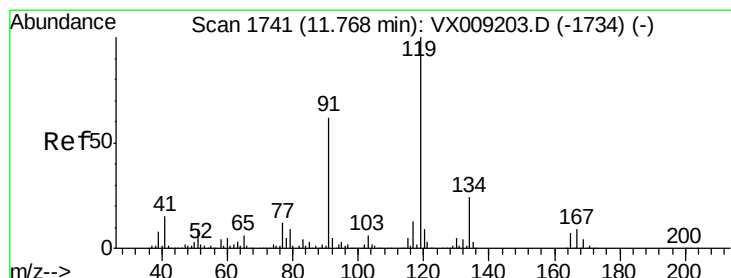
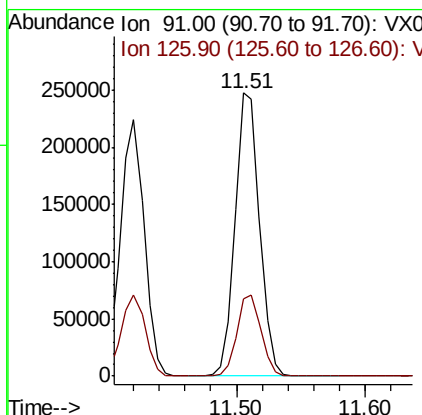
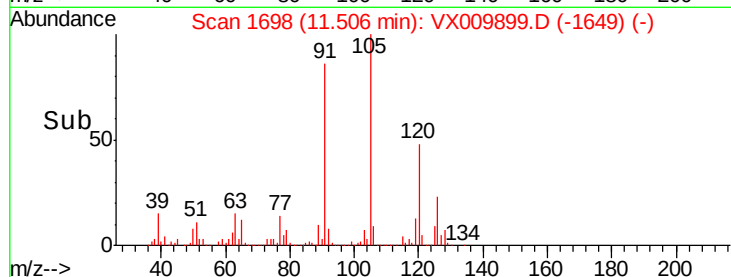
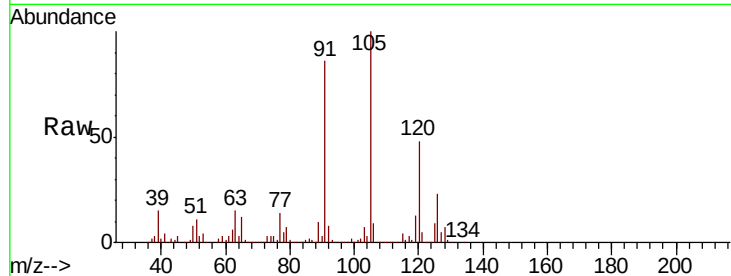




#82
4-Chlorotoluene
Concen: 46.009 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

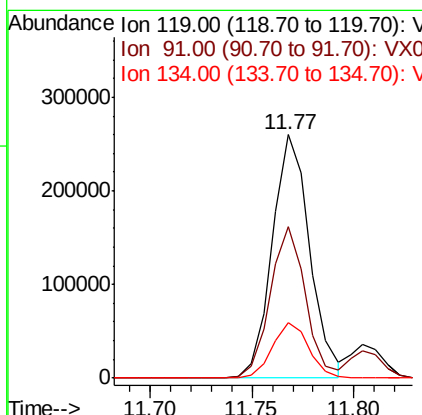
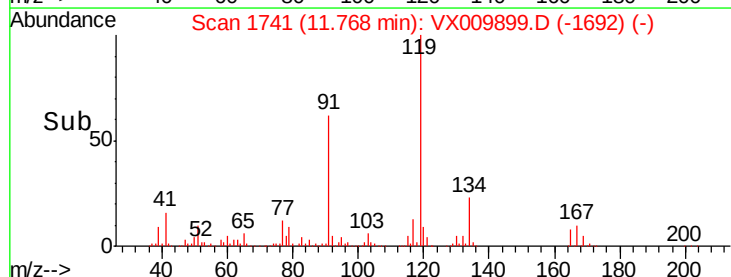
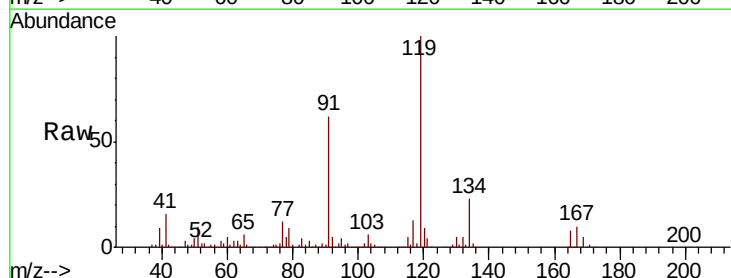
Instrument :
MSVOA_X
ClientSampled :
S32-0657MS

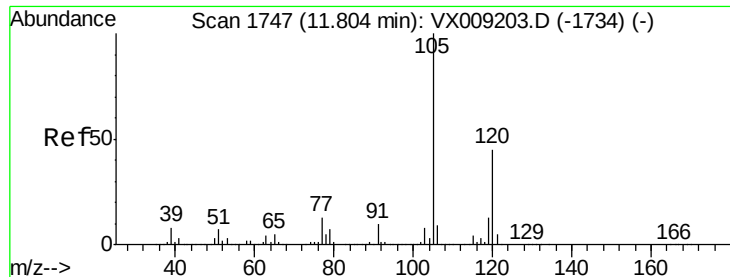
Tot Ion: 91 Resp: 326894
Ion Ratio Lower Upper
91 100
126 28.2 14.5 43.6



#83
tert-Butylbenzene
Concen: 45.550 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009899.D
Acq: 24 May 2019 20:04

Tgt Ion: 119 Resp: 333032
Ion Ratio Lower Upper
119 100
91 59.0 29.5 88.5
134 22.0 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 45.640 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

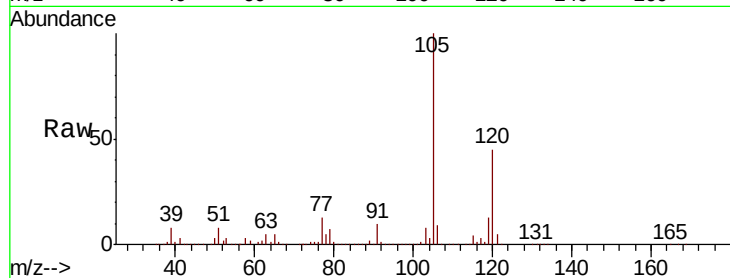
S32-0657MS

Tot Ion:105 Resp: 344308

Ion Ratio Lower Upper

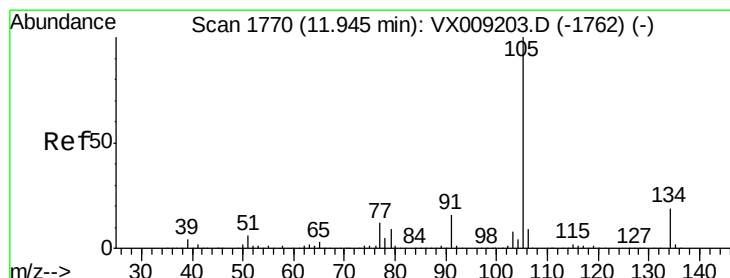
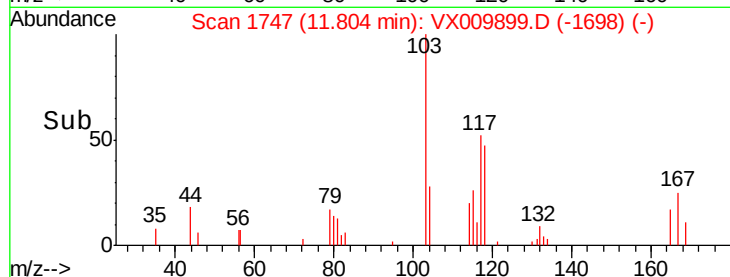
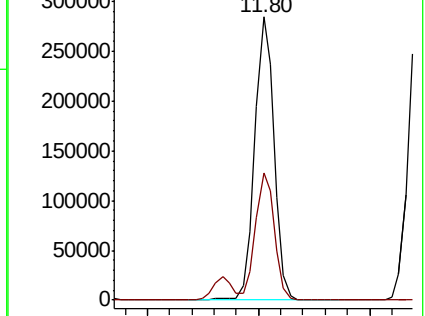
105 100

120 43.9 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 45.099 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009899.D

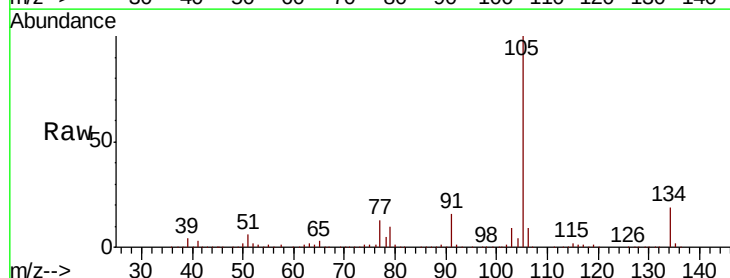
Acq: 24 May 2019 20:04

Tgt Ion:105 Resp: 390920

Ion Ratio Lower Upper

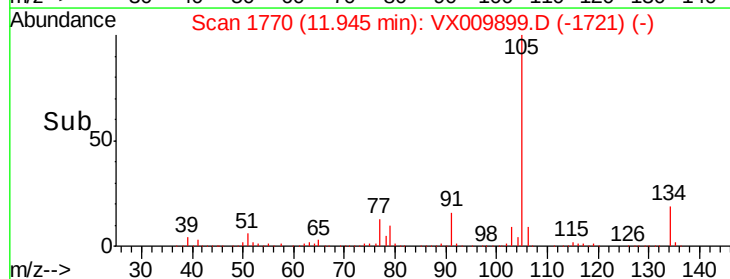
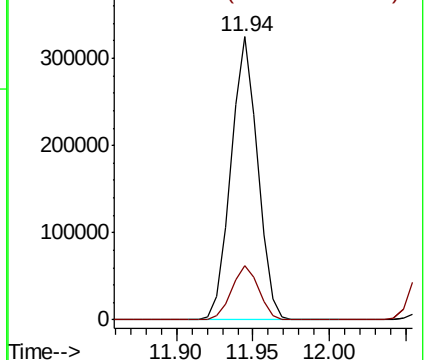
105 100

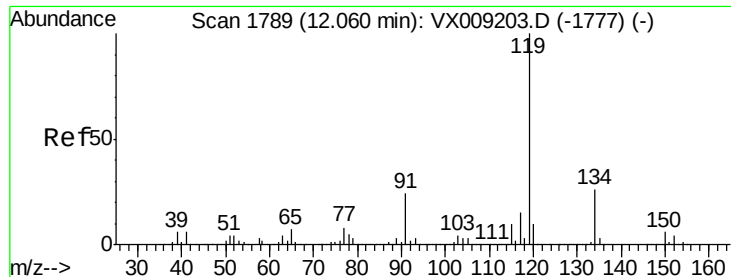
134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 45.568 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0657MS

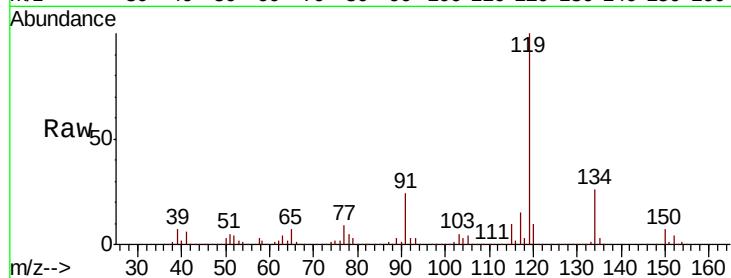
Tot Ion:119 Resp: 355092

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

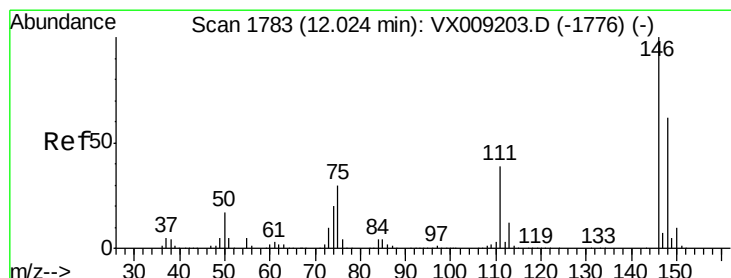
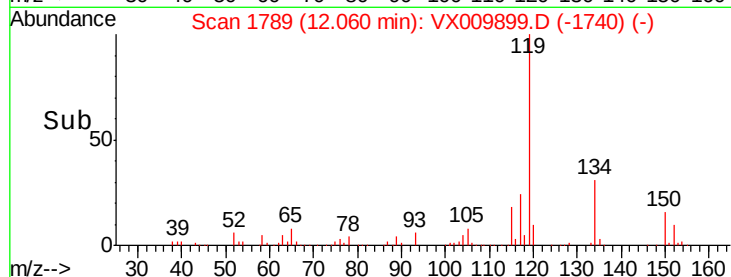
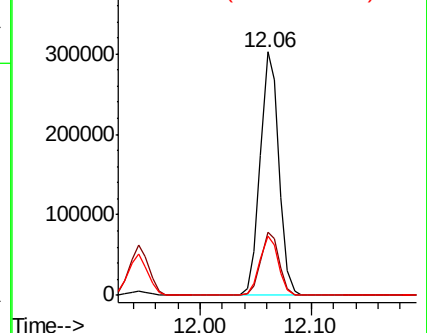
91 24.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



#87

1,3-Dichlorobenzene

Concen: 44.985 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

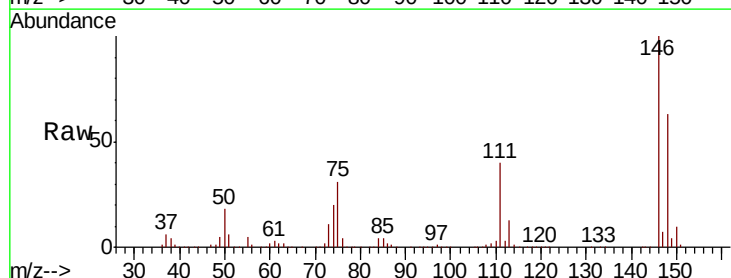
Tgt Ion:146 Resp: 177669

Ion Ratio Lower Upper

146 100

111 40.7 20.0 59.9

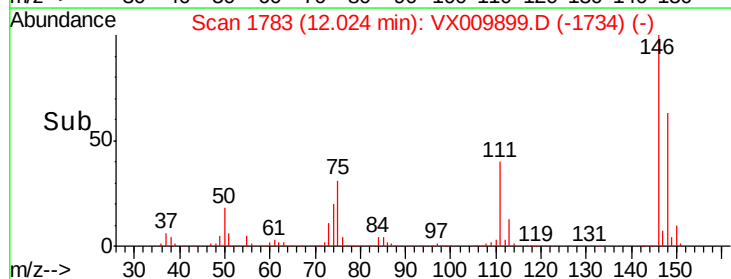
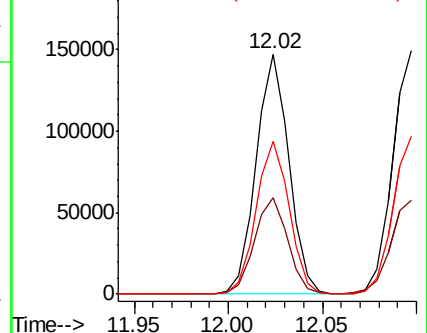
148 64.2 31.8 95.3

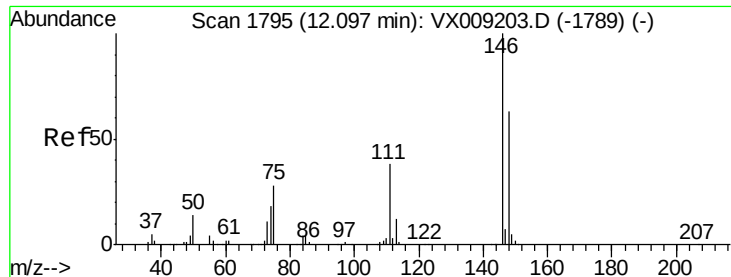


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

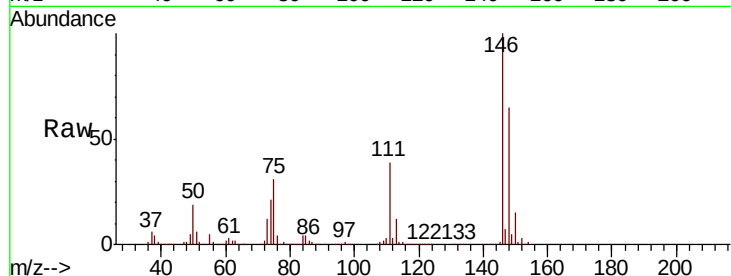




#88
 1,4-Dichlorobenzene
 Concen: 44.984 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	64.4	31.8	95.3

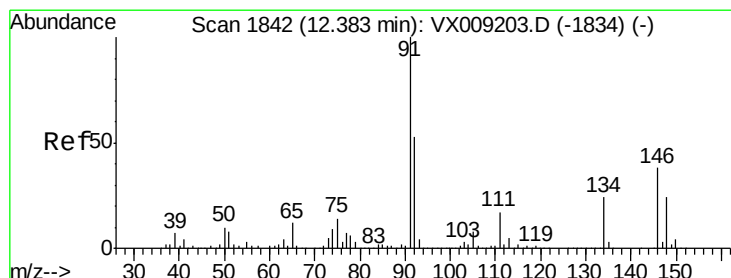
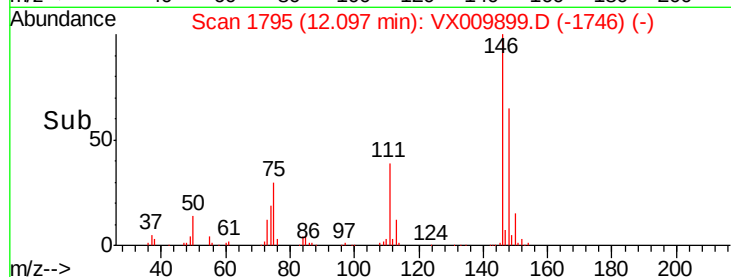
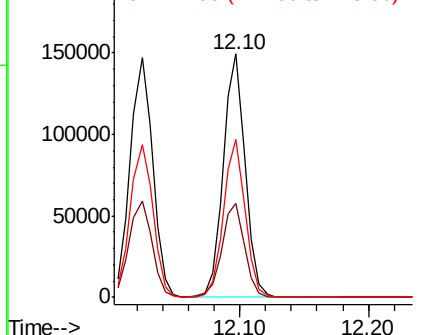


Abundance

Ion 145.90 (145.60 to 146.60): V

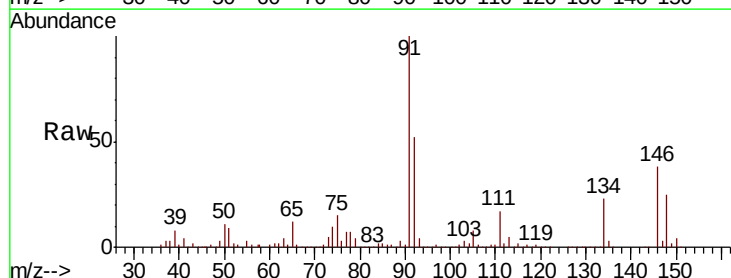
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89
 n-Butylbenzene
 Concen: 46.904 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	24.4	12.4	37.2

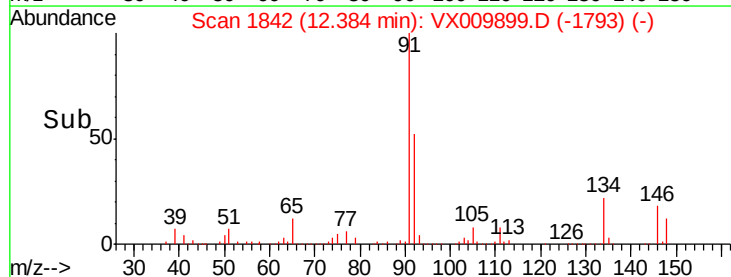
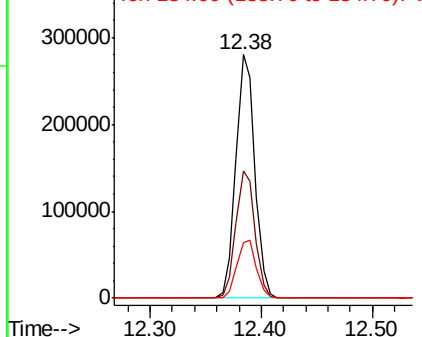


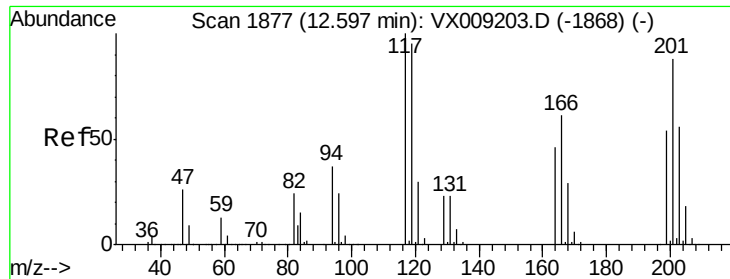
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 45.875 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

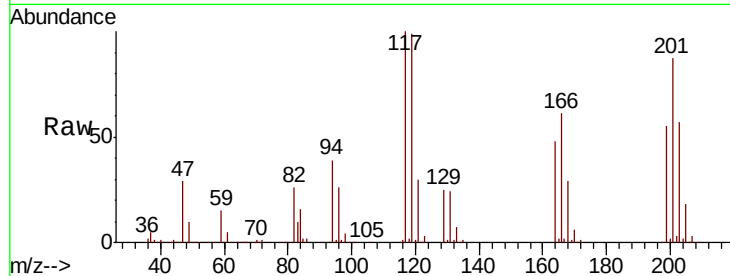
S32-0657MS

Tot Ion:117 Resp: 60904

Ion Ratio Lower Upper

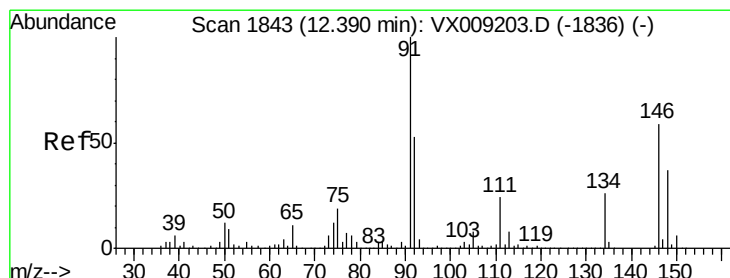
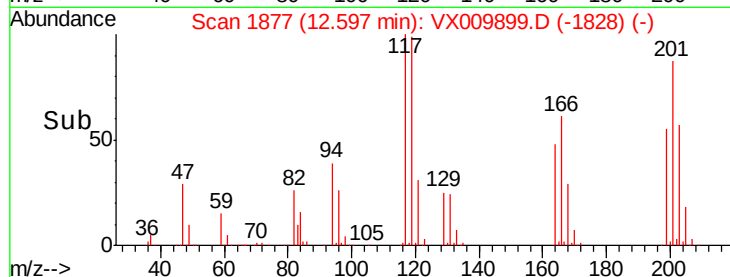
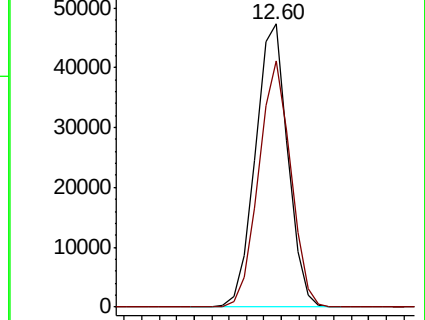
117 100

201 85.8 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 43.861 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

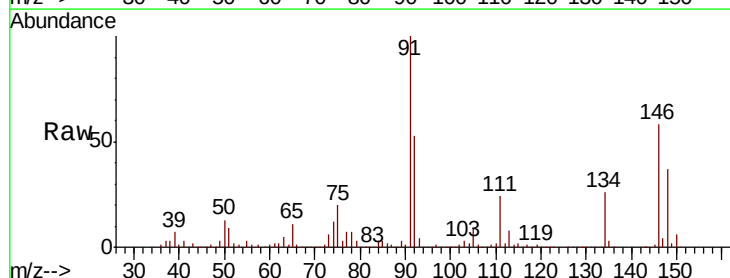
Tgt Ion:146 Resp: 176441

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.4

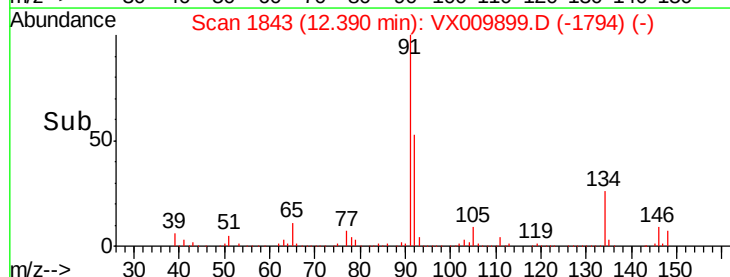
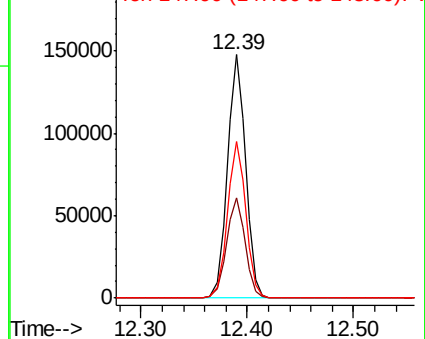
148 64.6 31.9 95.9

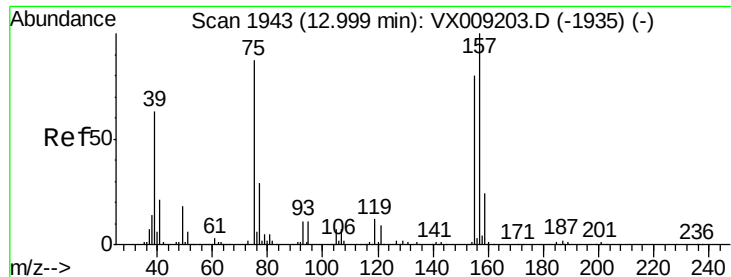


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.327 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

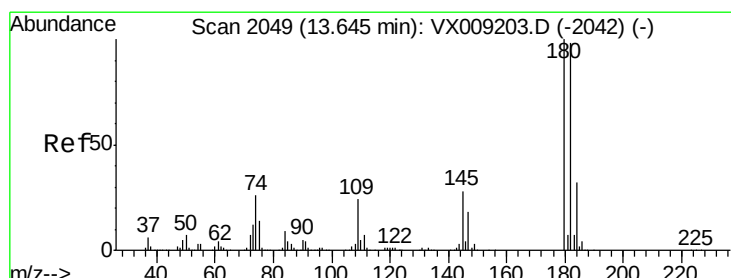
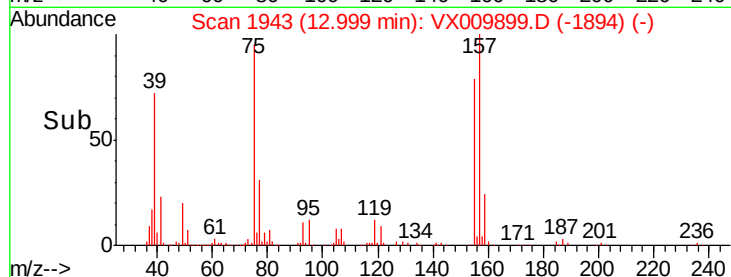
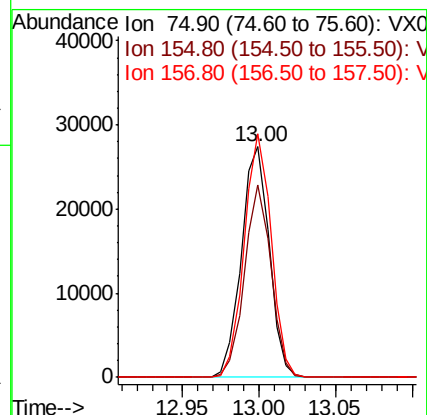
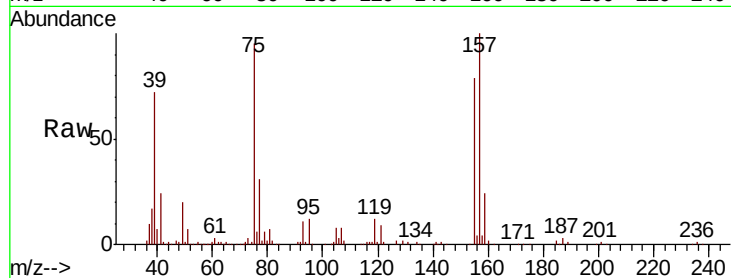
MSVOA_X

ClientSampleId :

S32-0657MS

Tot Ion: 75 Resp: 34581

Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.0	126.0
157	102.5	53.2	159.6



#93

1,2,4-Trichlorobenzene

Concen: 46.019 ug/l

RT: 13.65 min Scan# 2049

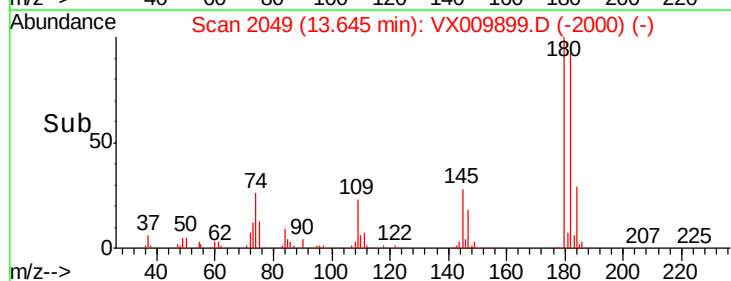
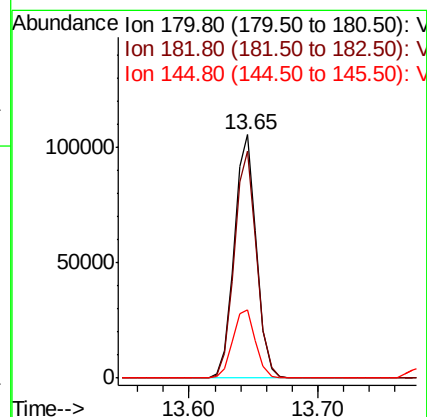
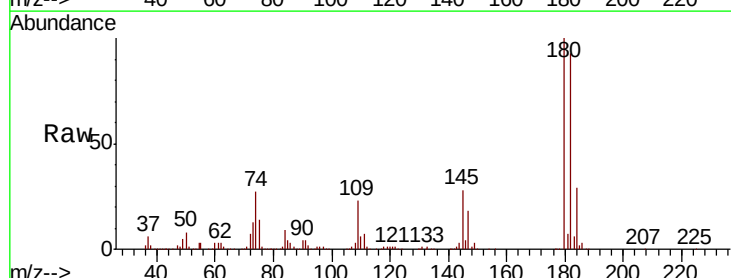
Delta R.T. 0.00 min

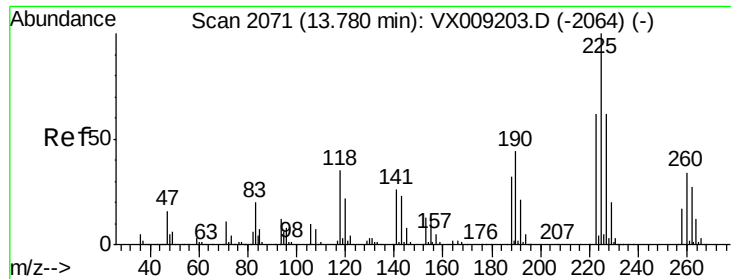
Lab File: VX009899.D

Acq: 24 May 2019 20:04

Tgt Ion: 180 Resp: 126594

Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.4	145.2
145	29.1	14.6	43.8





#94

Hexachlorobutadiene

Concen: 45.481 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Instrument :

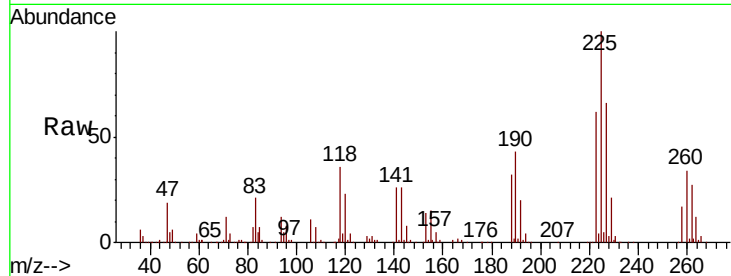
MSVOA_X

ClientSampleId :

S32-0657MS

Tot Ion:225 Resp: 63891

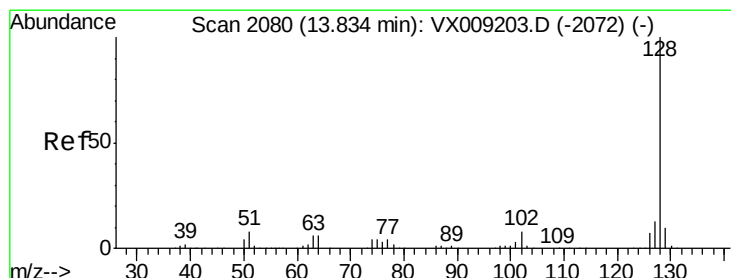
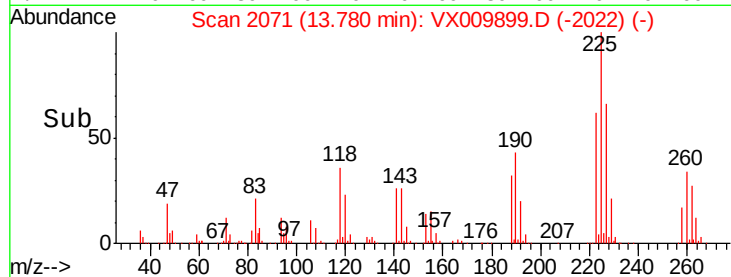
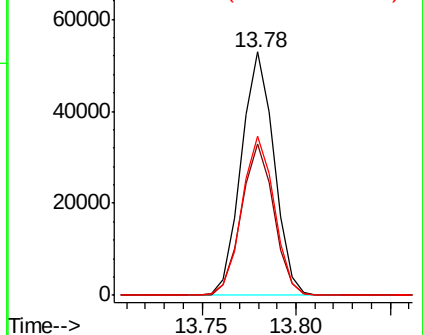
Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	93.8
227	64.8	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 45.991 ug/l

RT: 13.83 min Scan# 2080

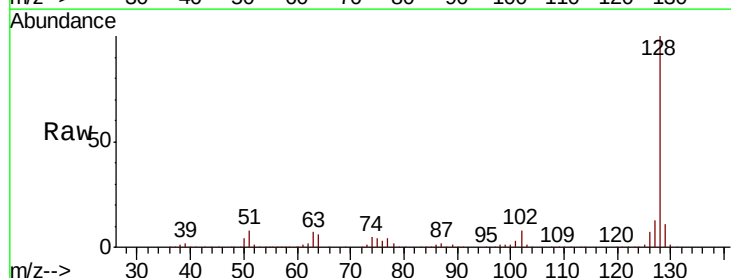
Delta R.T. 0.00 min

Lab File: VX009899.D

Acq: 24 May 2019 20:04

Tgt Ion:128 Resp: 411610

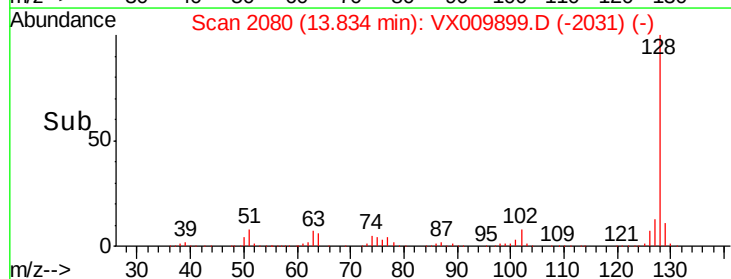
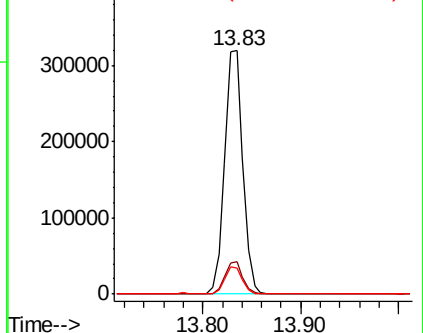
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

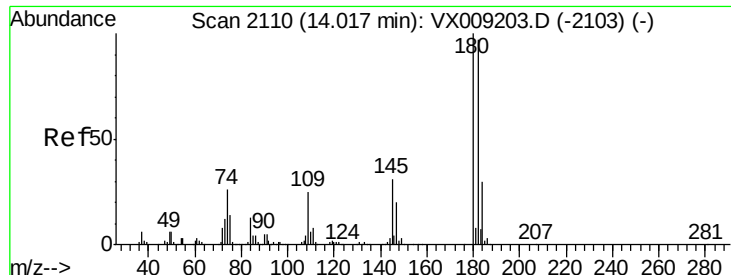


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

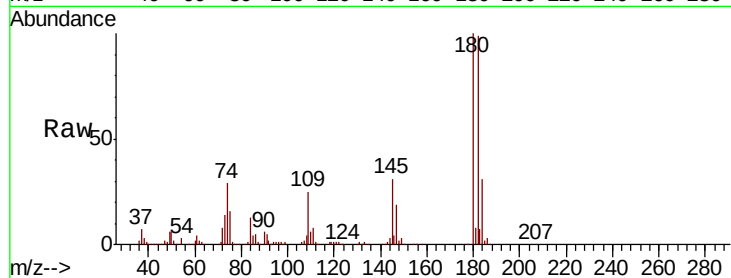




#96
 1,2,3-Trichlorobenzene
 Concen: 44.645 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009899.D
 Acq: 24 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	30.7	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

