

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009903.D
 Acq On : 28 May 2019 09:57
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 29 03:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162349	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	277269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	5211	2.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.74%	
35) Dibromofluoromethane	5.49	113	3313	1.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.84%	
50) Toluene-d8	8.71	98	9601	1.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.74%	
62) 4-Bromofluorobenzene	11.13	95	2766	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	1704	1.053	ug/l 97
3) Chloromethane	1.32	50	3334	1.555	ug/l 100
4) Vinyl Chloride	1.41	62	2515	1.216	ug/l 98
5) Bromomethane	1.64	94	2009	1.620	ug/l 97
6) Chloroethane	1.72	64	1874	1.434	ug/l 94
7) Trichlorofluoromethane	1.93	101	2716	1.097	ug/l 93
8) Diethyl Ether	2.19	74	1653	1.427	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1587	1.033	ug/l 91
10) Methyl Iodide	2.51	142	1309	0.804	ug/l # 95
11) Tert butyl alcohol	3.04	59	4657	8.965	ug/l # 94
12) 1,1-Dichloroethene	2.37	96	1765	1.147	ug/l 87
13) Acrolein	2.29	56	1222	2.700	ug/l 83
14) Allyl chloride	2.73	41	5025	1.332	ug/l 93
15) Acrylonitrile	3.14	53	8873	6.998	ug/l 98
16) Acetone	2.44	43	8695	7.178	ug/l # 88
17) Carbon Disulfide	2.57	76	5360	1.225	ug/l 95
18) Methyl Acetate	2.78	43	4527	1.587	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	7902	1.328	ug/l 92
20) Methylene Chloride	2.86	84	2687	1.386	ug/l 95
21) trans-1,2-Dichloroethene	3.16	96	2156	1.296	ug/l 96
22) Diisopropyl ether	3.85	45	9927	1.375	ug/l 99
23) Vinyl Acetate	3.81	43	40591	6.539	ug/l # 95
24) 1,1-Dichloroethane	3.69	63	4489	1.264	ug/l # 92
25) 2-Butanone	4.67	43	11892	6.331	ug/l 98
26) 2,2-Dichloropropane	4.58	77	3374	1.275	ug/l 90
27) cis-1,2-Dichloroethene	4.60	96	2543	1.284	ug/l 79
28) Bromochloromethane	5.01	49	2564	1.593	ug/l # 91
29) Tetrahydrofuran	5.13	42	8645	7.168	ug/l 99
30) Chloroform	5.20	83	4371	1.364	ug/l 96
31) Cyclohexane	5.58	56	3721	1.112	ug/l 91
32) 1,1,1-Trichloroethane	5.49	97	3126	1.169	ug/l # 48
36) 1,1-Dichloropropene	5.79	75	3168	1.215	ug/l 94
37) Ethyl Acetate	4.83	43	4613	1.261	ug/l # 91
38) Carbon Tetrachloride	5.78	117	2649	1.118	ug/l 94

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 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 29 03:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	3184	0.991	ug/l	95
40) Benzene	6.14	78	9889	1.228	ug/l	98
41) Methacrylonitrile	5.04	41	2616	1.208	ug/l #	93
42) 1,2-Dichloroethane	6.19	62	3989	1.375	ug/l	95
43) Isopropyl Acetate	6.44	43	7061	1.211	ug/l	97
44) Trichloroethene	7.21	130	2598	1.336	ug/l	86
45) 1,2-Dichloropropane	7.51	63	2848	1.249	ug/l	98
46) Dibromomethane	7.66	93	1720	1.300	ug/l	97
47) Bromodichloromethane	7.90	83	3325	1.262	ug/l #	87
48) Methyl methacrylate	7.77	41	3895	1.342	ug/l #	89
49) 1,4-Dioxane	7.74	88	1378	23.726	ug/l #	63
51) 4-Methyl-2-Pentanone	8.64	43	23256	6.086	ug/l	97
52) Toluene	8.78	92	5475	1.118	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	3483	1.162	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	3781	1.144	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2490	1.253	ug/l	97
56) Ethyl methacrylate	9.18	69	4025	1.127	ug/l	91
57) 1,3-Dichloropropane	9.37	76	4388	1.249	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.31	63	10182	5.428	ug/l	99
59) 2-Hexanone	9.49	43	17861	5.957	ug/l	98
60) Dibromochloromethane	9.58	129	2130	1.093	ug/l	93
61) 1,2-Dibromoethane	9.67	107	2421	1.205	ug/l	96
64) Tetrachloroethene	9.34	164	2158	1.220	ug/l	87
65) Chlorobenzene	10.13	112	6056	1.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	2045	1.096	ug/l #	65
67) Ethyl Benzene	10.25	91	10075	1.062	ug/l	99
68) m/p-Xylenes	10.36	106	7045	2.030	ug/l	96
69) o-Xylene	10.69	106	3677	1.075	ug/l	99
70) Styrene	10.71	104	5939	1.001	ug/l	98
71) Bromoform	10.85	173	1565	1.031	ug/l #	99
73) Isopropylbenzene	11.02	105	8656	1.012	ug/l	98
74) N-amyl acetate	10.90	43	5547	1.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	4289	1.352	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	4538	1.663	ug/l	85
77) Bromobenzene	11.25	156	2370	1.118	ug/l	96
78) n-propylbenzene	11.36	91	10026	1.025	ug/l	99
79) 2-Chlorotoluene	11.41	91	6779	1.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	7256	1.006	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1200	1.119	ug/l #	84
82) 4-Chlorotoluene	11.51	91	7489	1.097	ug/l	98
83) tert-Butylbenzene	11.77	119	6994	0.999	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	7661	1.058	ug/l	96
85) sec-Butylbenzene	11.94	105	7463	0.899	ug/l	98
86) p-Isopropyltoluene	12.06	119	7108	0.951	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	4339	1.149	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	4339	1.139	ug/l	98
89) n-Butylbenzene	12.38	91	6215	0.916	ug/l	97
90) Hexachloroethane	12.60	117	1375	1.082	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	4551	1.187	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1008	1.416	ug/l	86

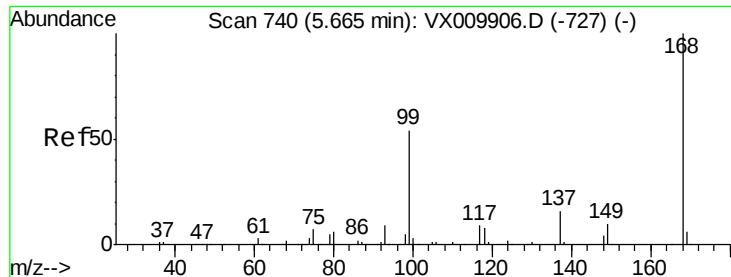
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009903.D
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Quant Title : SW846 8260
QLast Update : Wed May 29 03:39:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2963	1.127	ug/l	97
94) Hexachlorobutadiene	13.78	225	1338	0.994	ug/l	93
95) Naphthalene	13.83	128	8233	0.969	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	2820	1.060	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

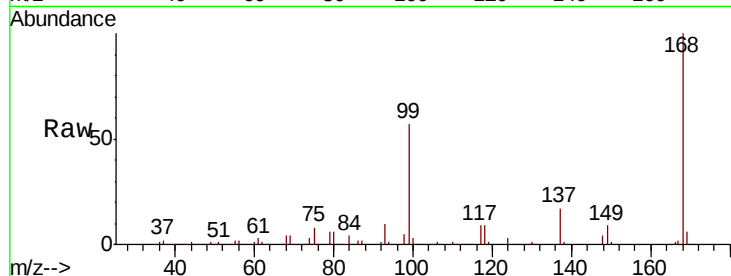
VSTDIC001

Tot Ion:168 Resp: 162349

Ion Ratio Lower Upper

168 100

99 56.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

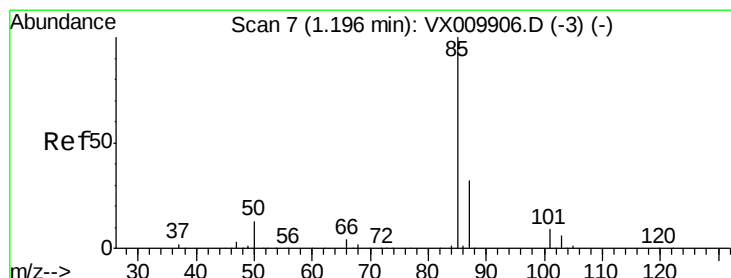
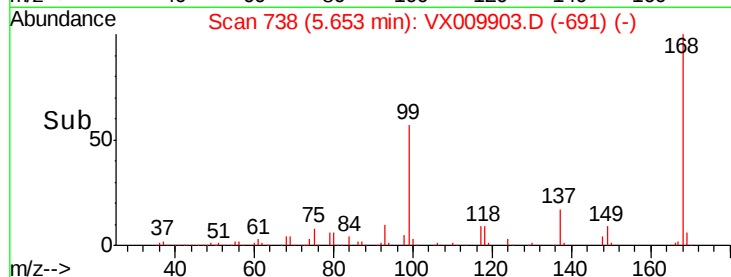
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.053 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009903.D

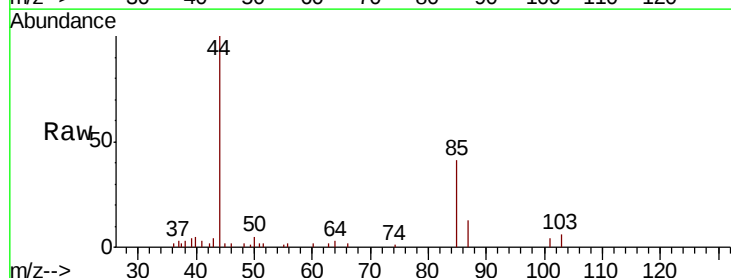
Acq: 28 May 2019 09:57

Tgt Ion: 85 Resp: 1704

Ion Ratio Lower Upper

85 100

87 30.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

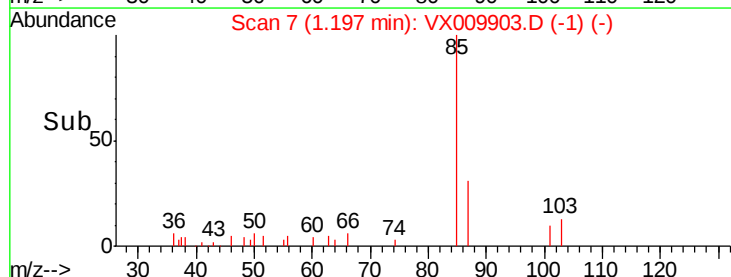
1500

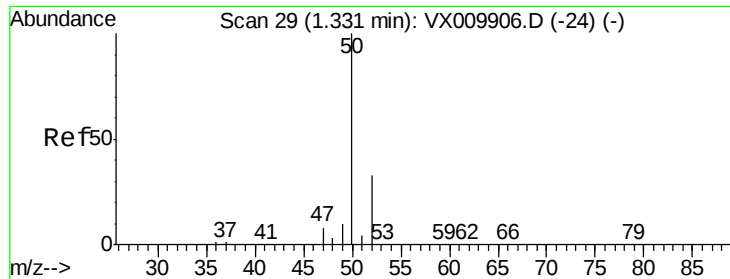
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.555 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

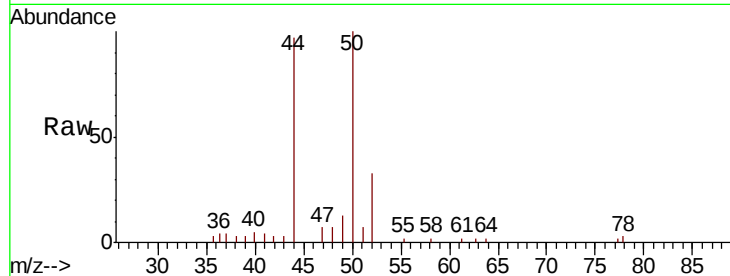
VSTDIC001

Tot Ion: 50 Resp: 3334

Ion Ratio Lower Upper

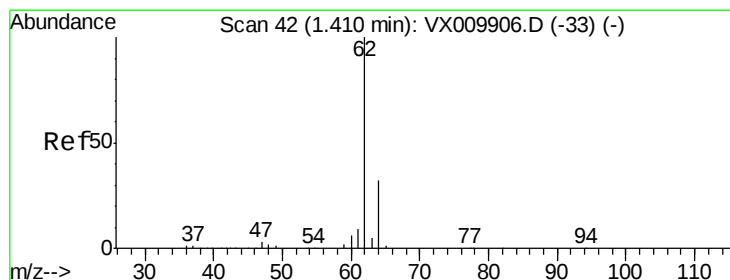
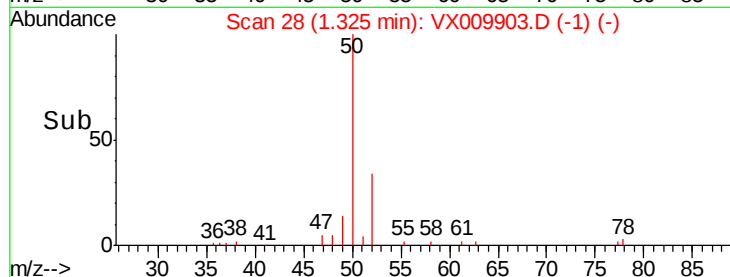
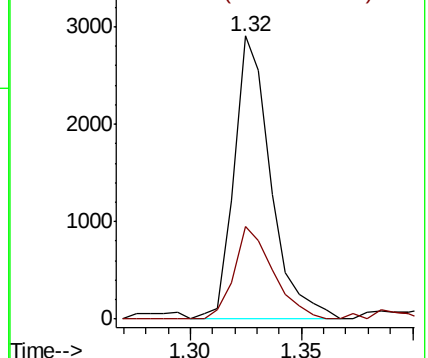
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.216 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009903.D

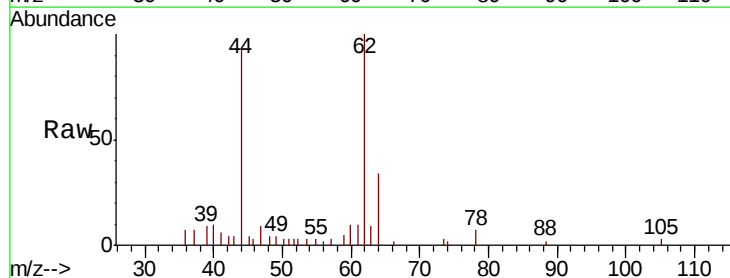
Acq: 28 May 2019 09:57

Tgt Ion: 62 Resp: 2515

Ion Ratio Lower Upper

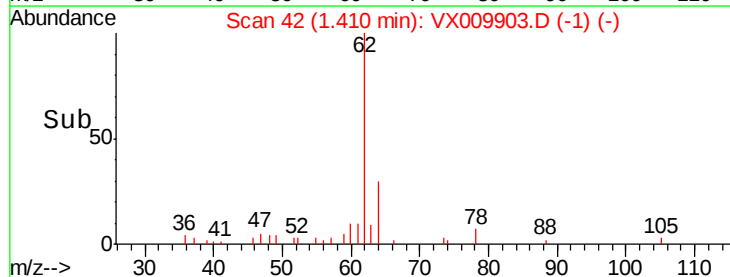
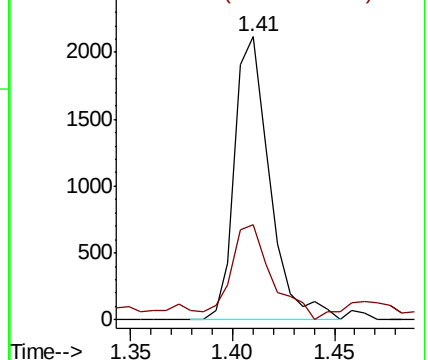
62 100

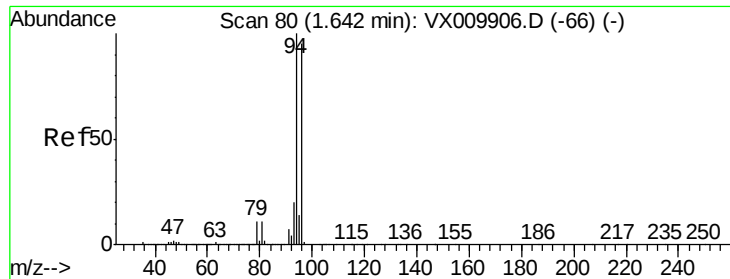
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.620 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

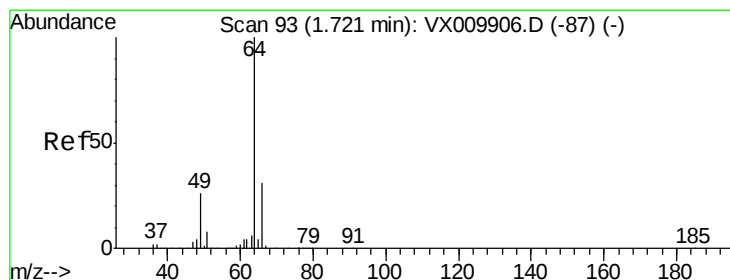
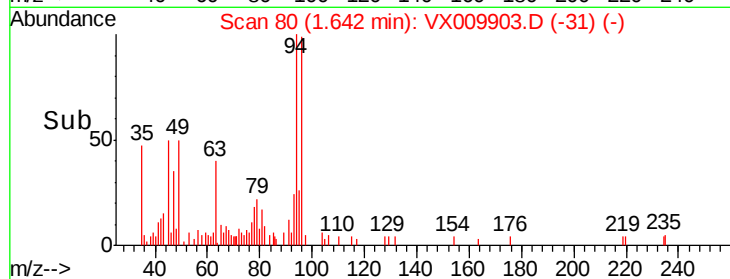
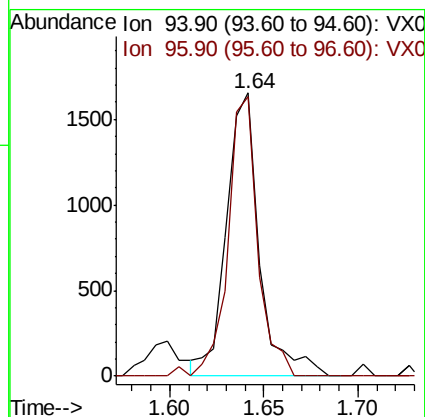
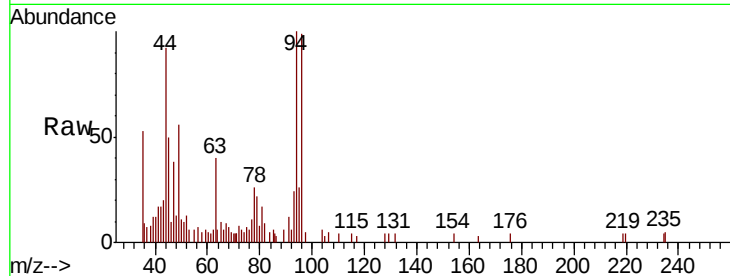
VSTDIC001

Tot Ion: 94 Resp: 2009

Ion Ratio Lower Upper

94 100

96 98.5 76.2 114.4



#6

Chloroethane

Concen: 1.434 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009903.D

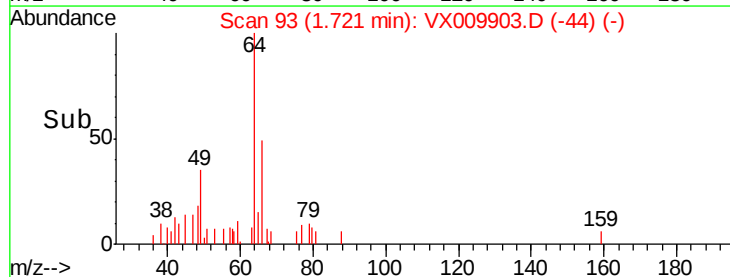
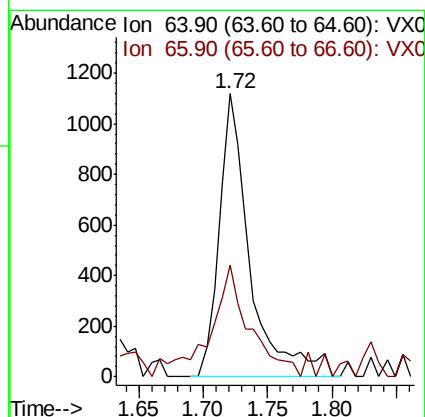
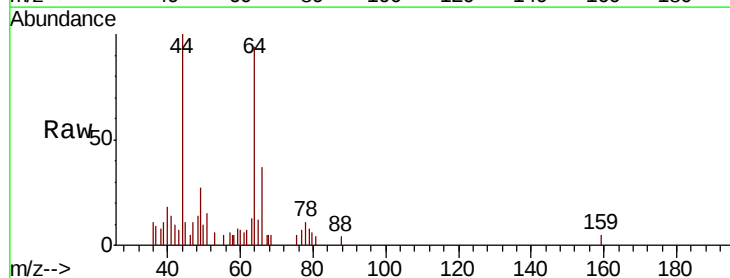
Acq: 28 May 2019 09:57

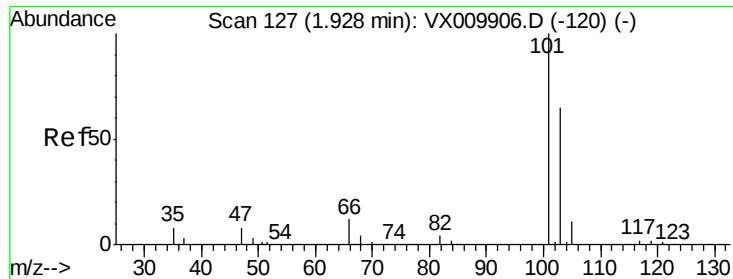
Tgt Ion: 64 Resp: 1874

Ion Ratio Lower Upper

64 100

66 34.8 25.1 37.7



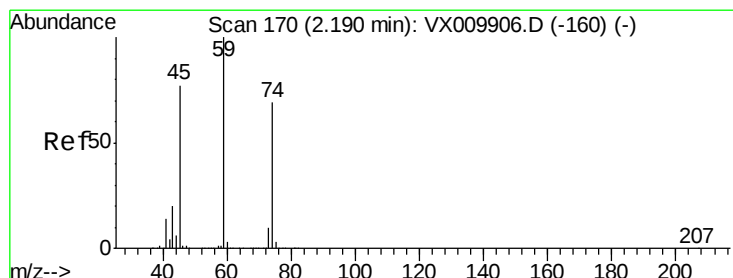
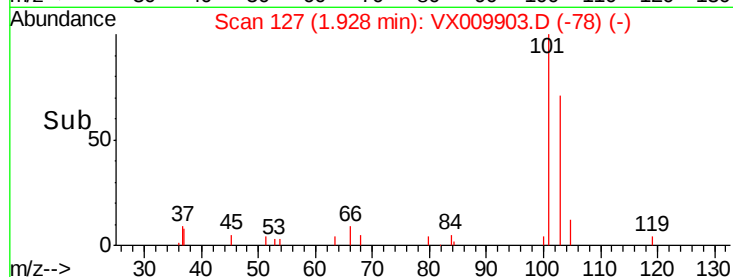
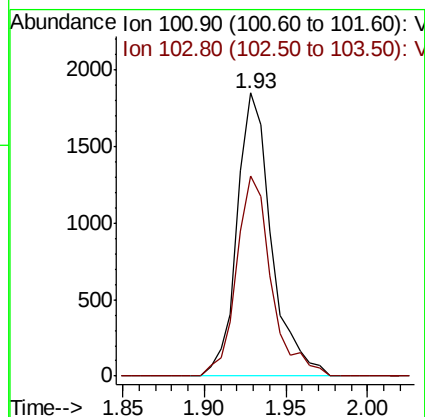
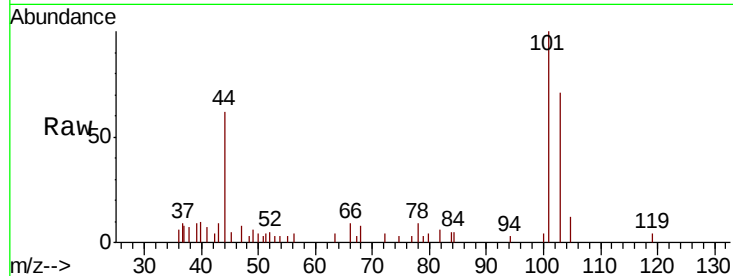


#7

Trichlorofluoromethane
 Concen: 1.097 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

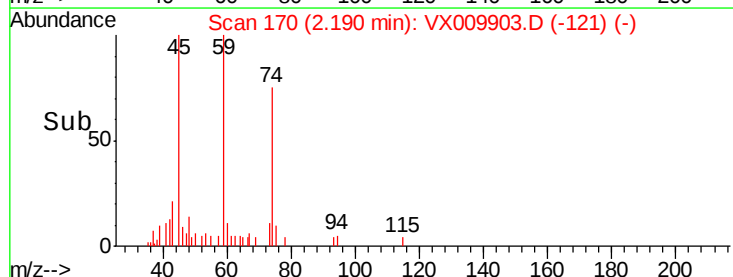
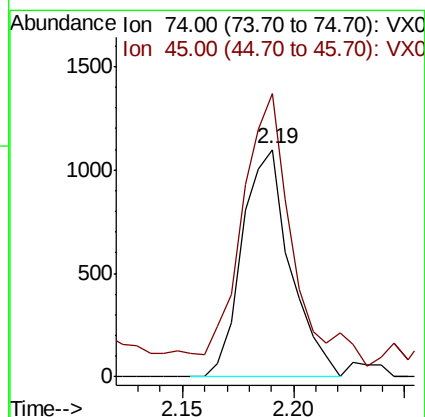
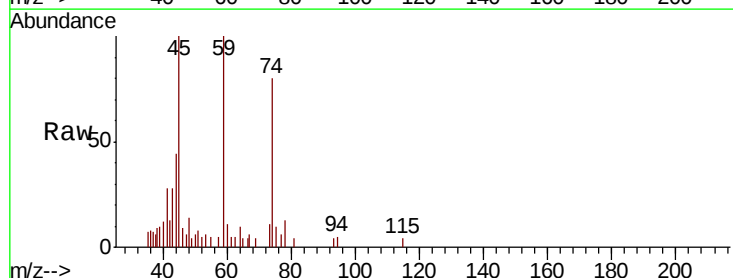
Tot Ion:101 Resp: 2716
 Ion Ratio Lower Upper
 101 100
 103 70.8 52.2 78.4

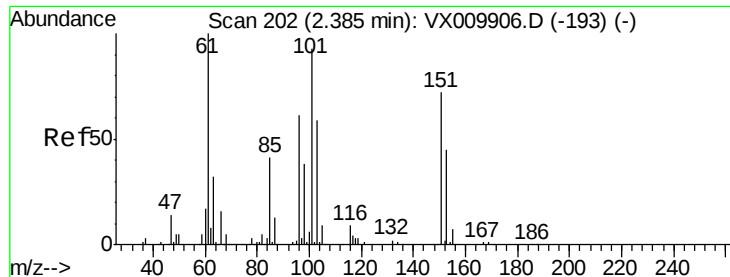


#8

Diethyl Ether
 Concen: 1.427 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion: 74 Resp: 1653
 Ion Ratio Lower Upper
 74 100
 45 123.5 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.033 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

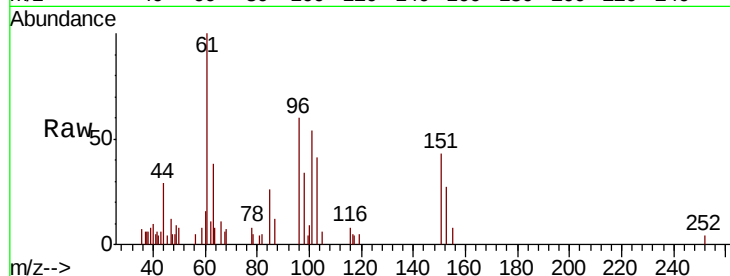
Tot Ion:101 Resp: 1587

Ion Ratio Lower Upper

101 100

85 50.3 35.2 52.8

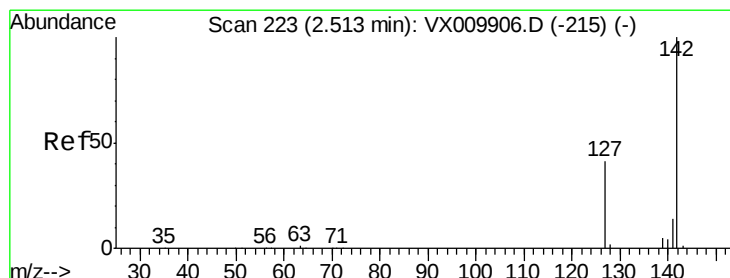
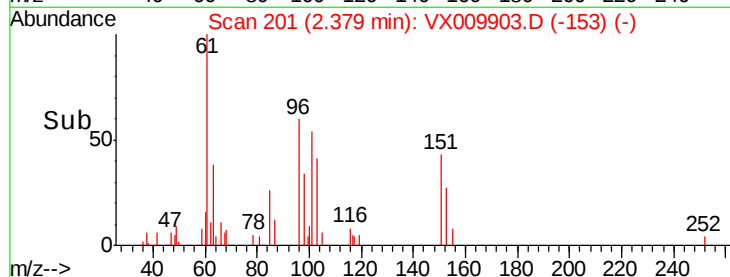
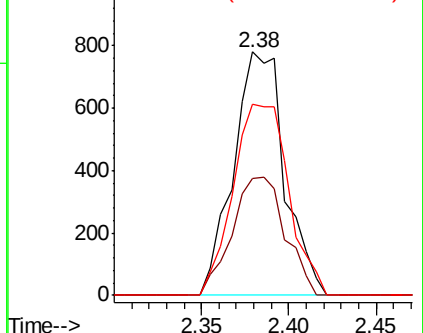
151 85.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.804 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

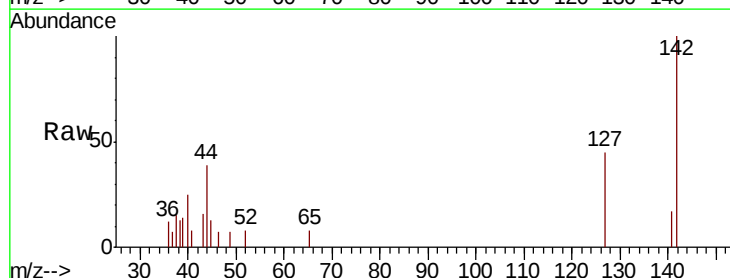
Tgt Ion:142 Resp: 1309

Ion Ratio Lower Upper

142 100

127 43.7 33.0 49.4

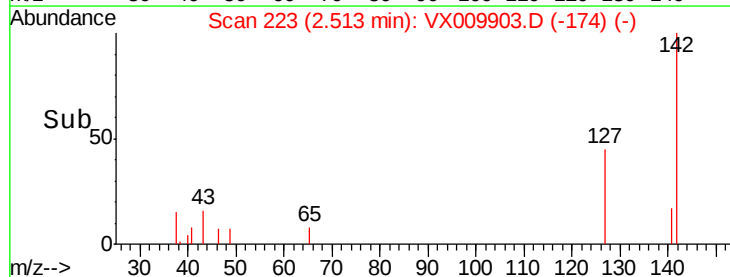
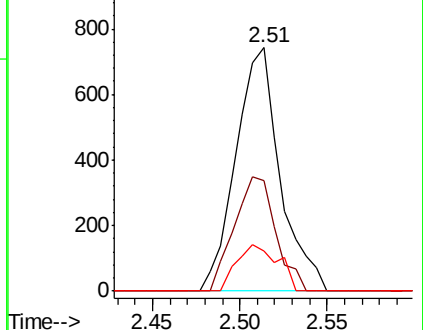
141 17.9 11.4 17.0#

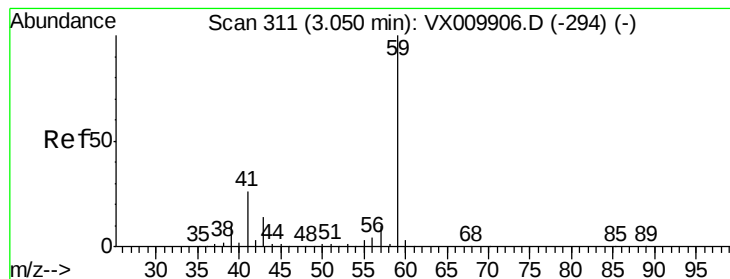


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



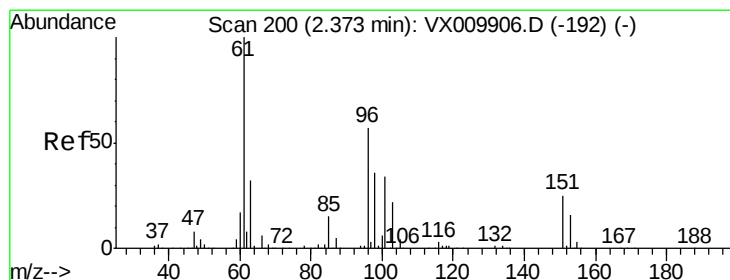
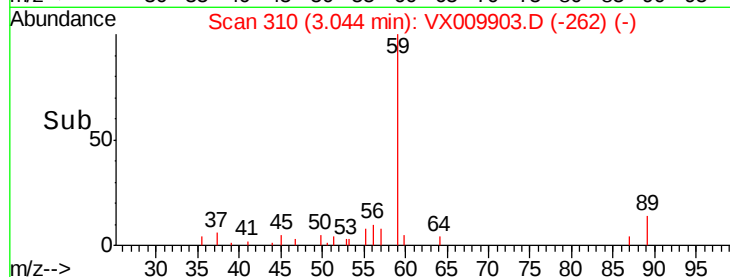
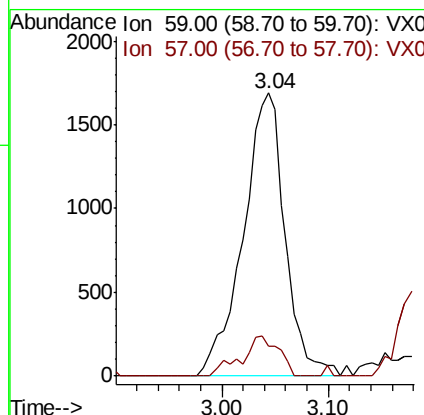
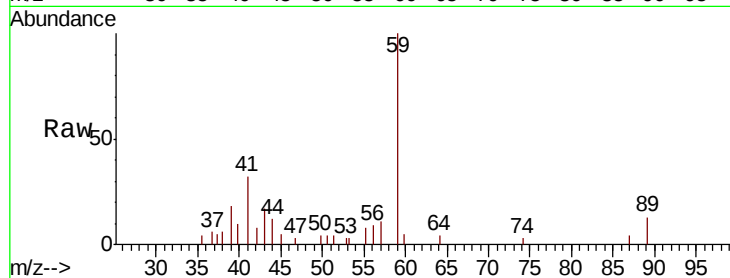


#11

Tert butyl alcohol
 Concen: 8.965 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

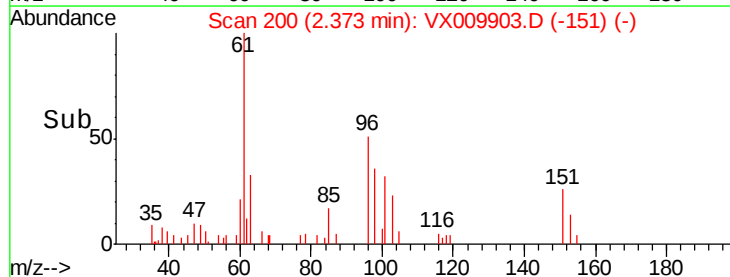
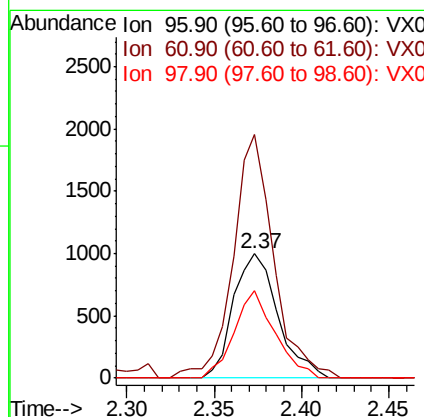
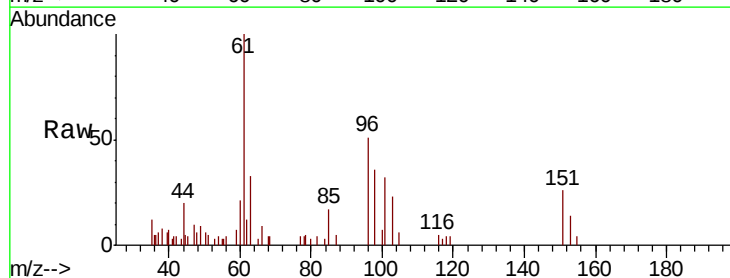
Tot Ion: 59 Resp: 4657
 Ion Ratio Lower Upper
 59 100
 57 12.5 8.2 12.2#

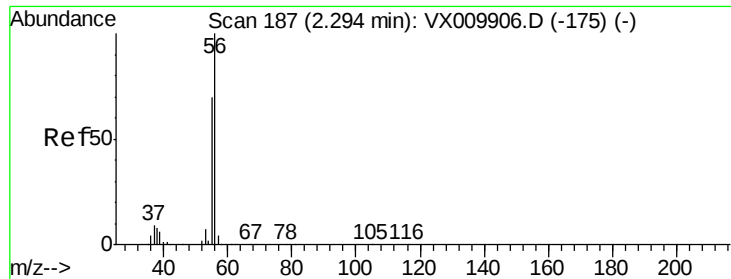


#12

1,1-Dichloroethene
 Concen: 1.147 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion: 96 Resp: 1765
 Ion Ratio Lower Upper
 96 100
 61 195.6 140.7 211.1
 98 70.2 50.1 75.1





#13

Acrolein

Concen: 2.700 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

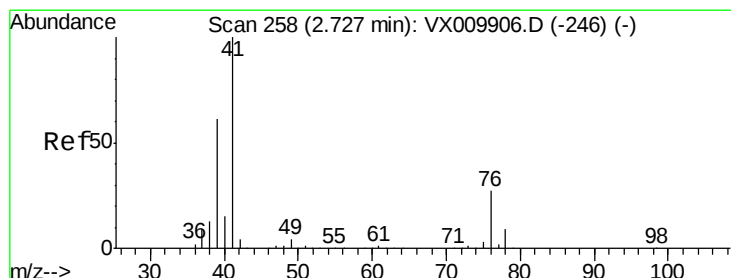
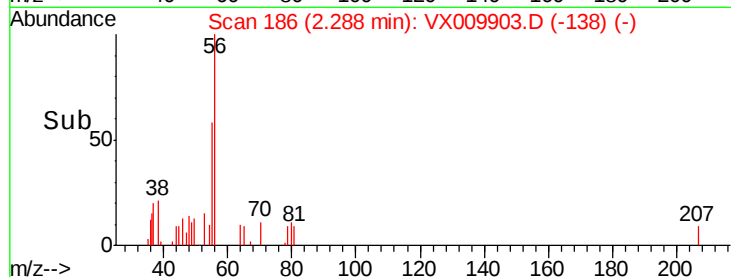
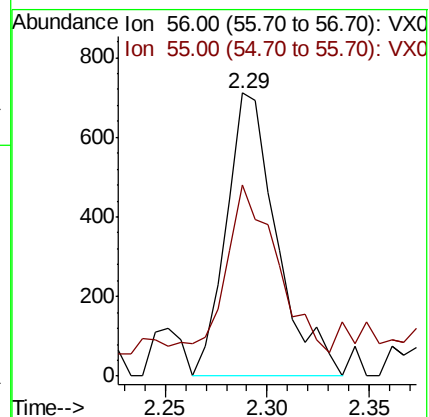
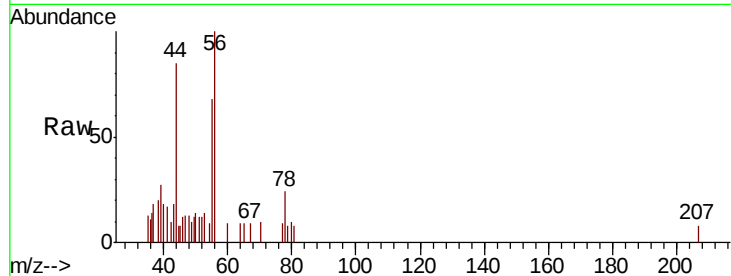
VSTDIC001

Tot Ion: 56 Resp: 1222

Ion Ratio Lower Upper

56 100

55 57.0 57.0 85.4



#14

Allyl chloride

Concen: 1.332 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

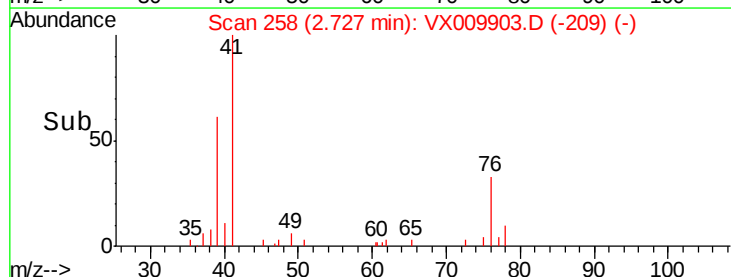
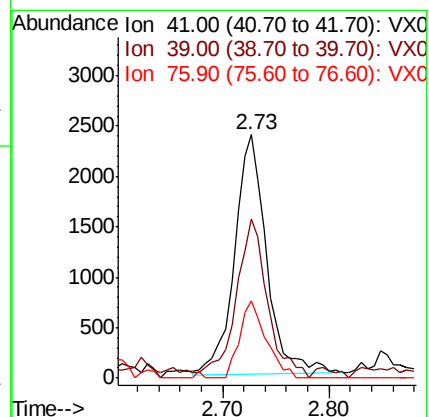
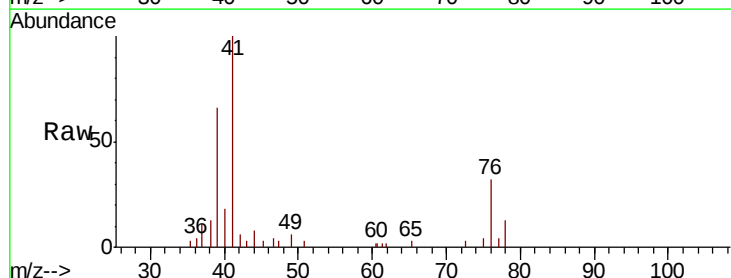
Tgt Ion: 41 Resp: 5025

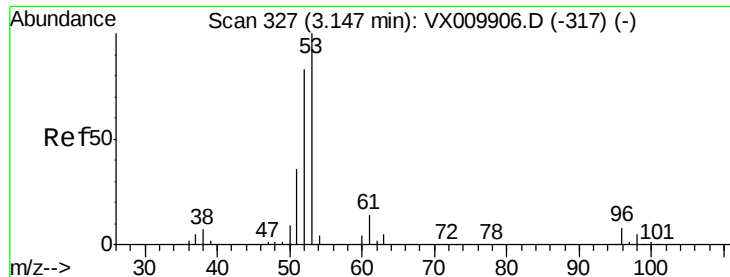
Ion Ratio Lower Upper

41 100

39 65.5 46.7 70.1

76 26.6 21.0 31.4





#15

Acrylonitrile

Concen: 6.998 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

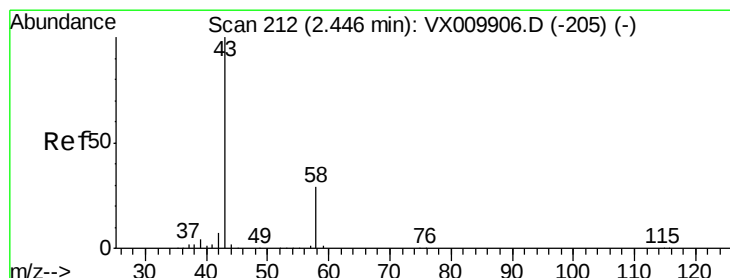
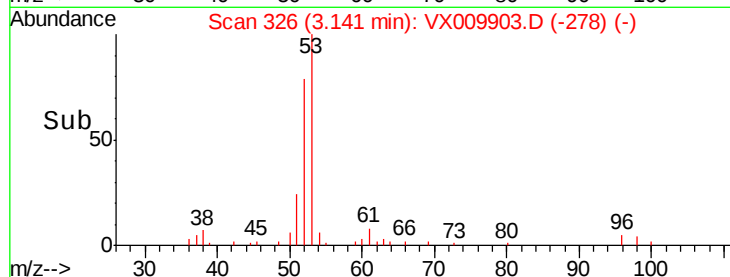
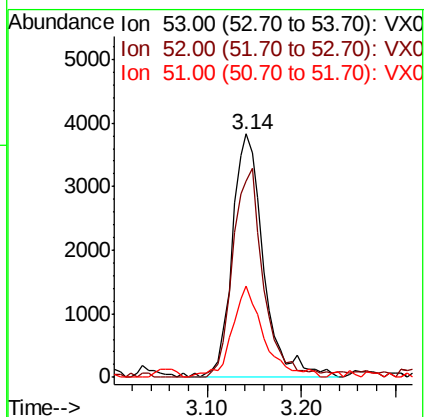
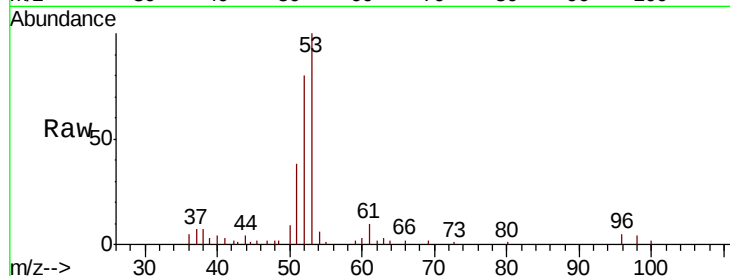
Tot Ion: 53 Resp: 8873

Ion Ratio Lower Upper

53 100

52 85.0 66.7 100.1

51 38.2 28.8 43.2



#16

Acetone

Concen: 7.178 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009903.D

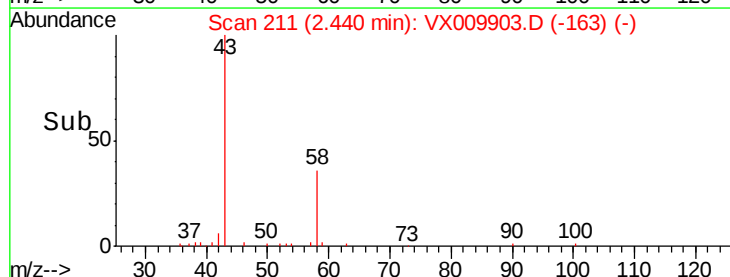
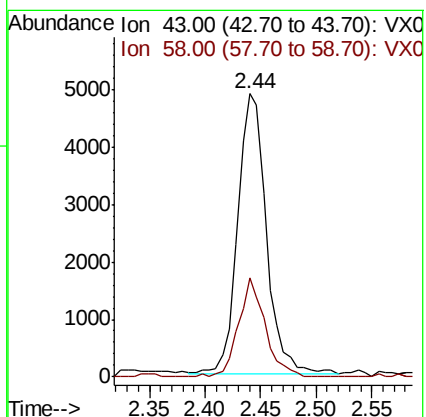
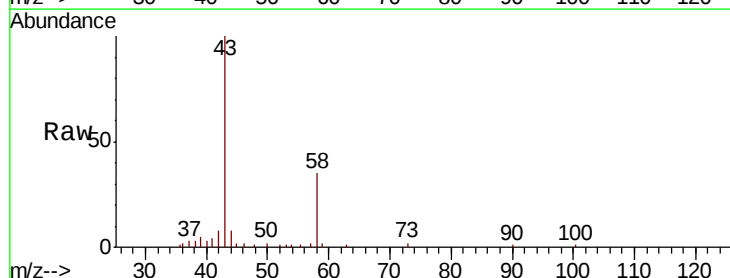
Acq: 28 May 2019 09:57

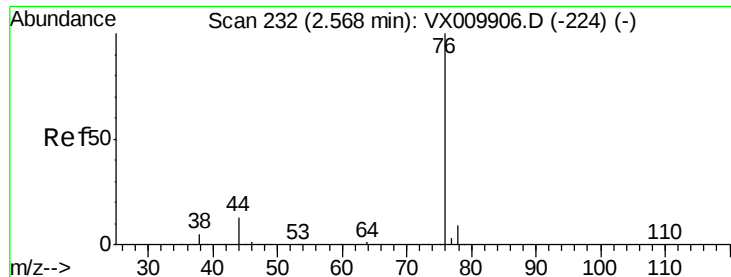
Tgt Ion: 43 Resp: 8695

Ion Ratio Lower Upper

43 100

58 35.4 23.2 34.8#





#17

Carbon Disulfide

Concen: 1.225 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

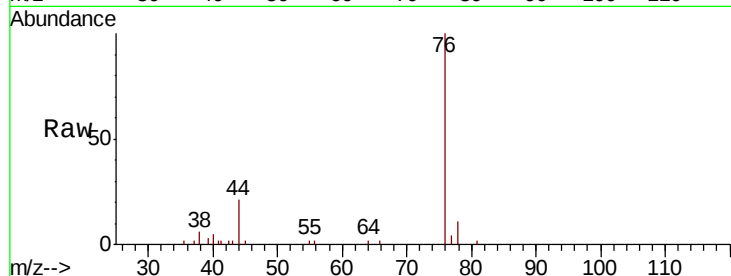
VSTDIC001

Tot Ion: 76 Resp: 5360

Ion Ratio Lower Upper

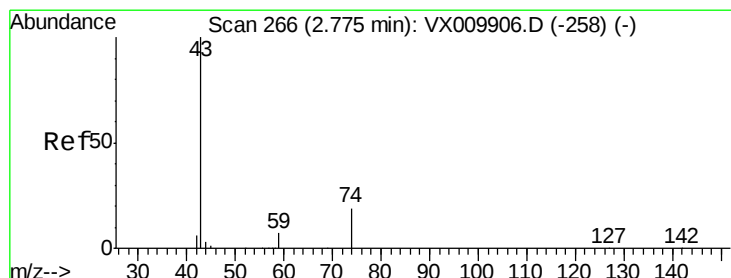
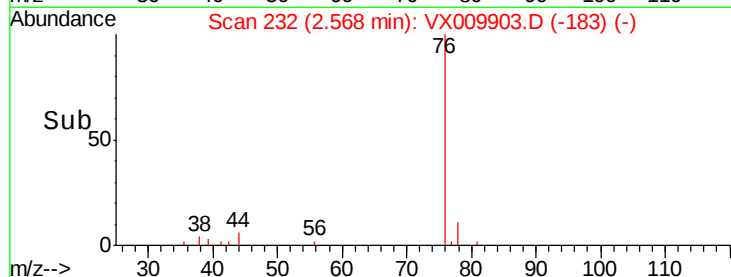
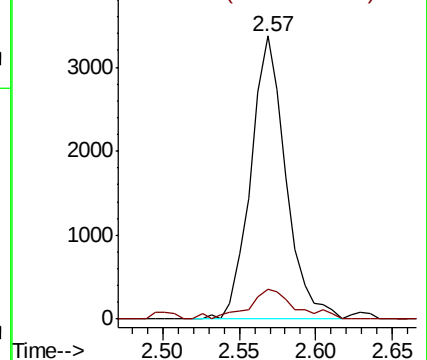
76 100

78 10.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.587 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009903.D

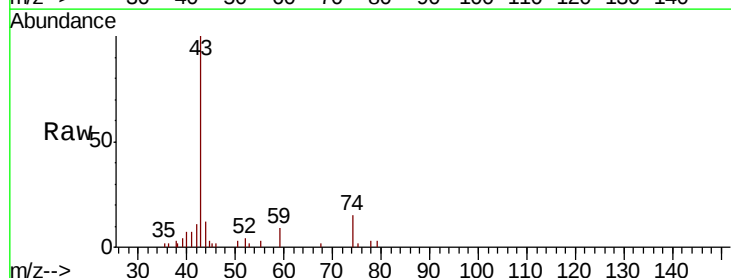
Acq: 28 May 2019 09:57

Tgt Ion: 43 Resp: 4527

Ion Ratio Lower Upper

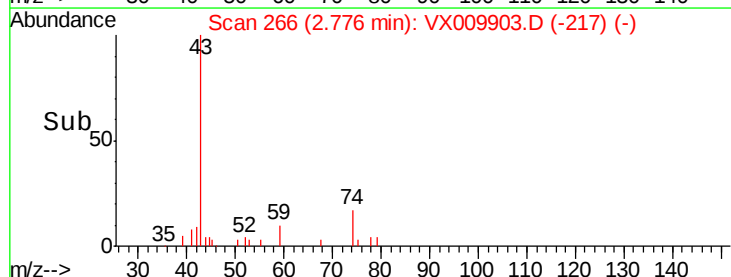
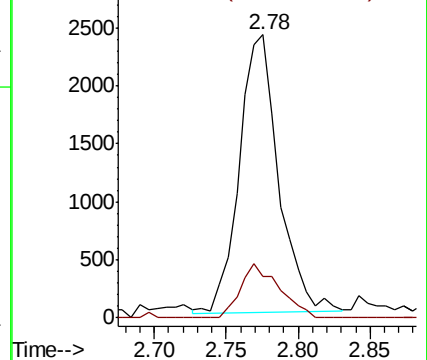
43 100

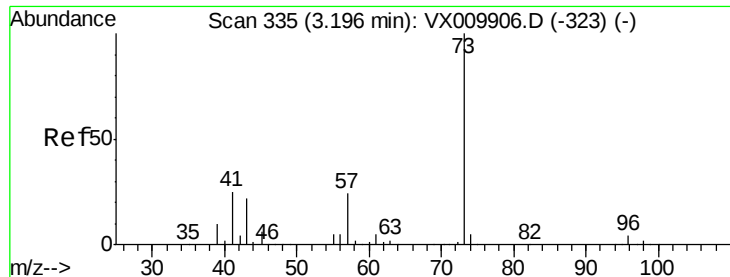
74 19.3 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

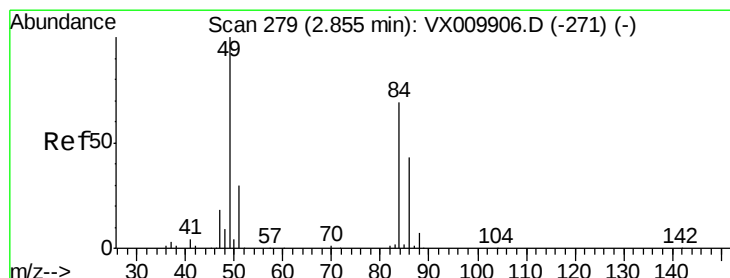
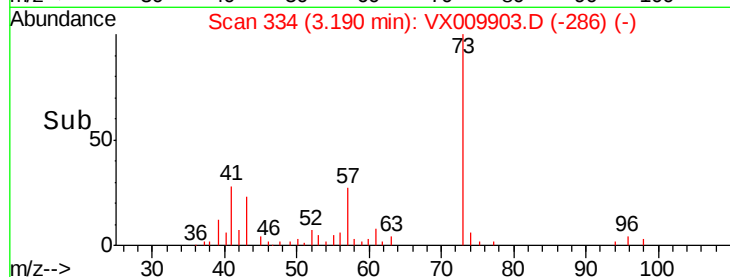
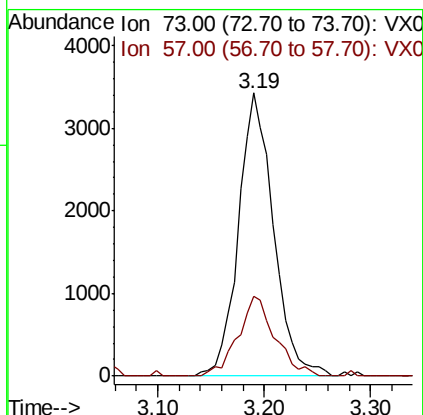
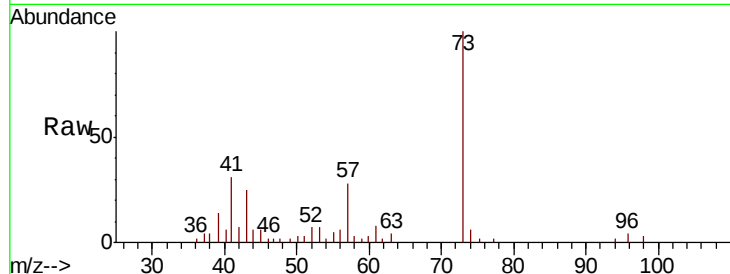




#19
Methyl tert-butyl Ether
Concen: 1.328 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

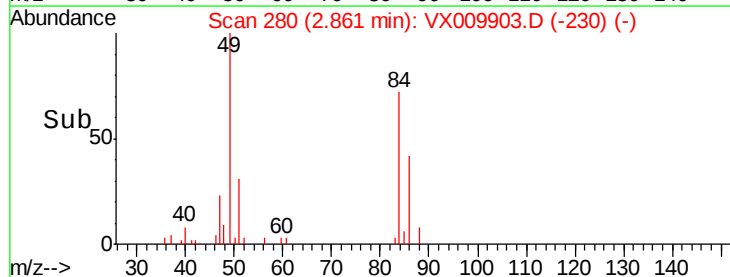
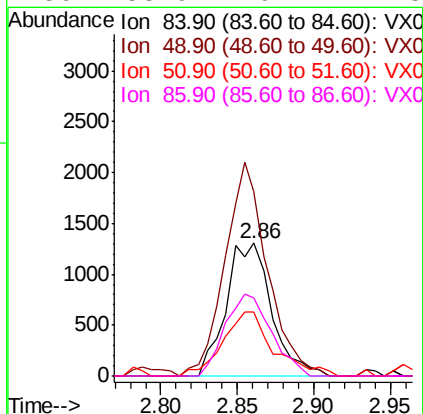
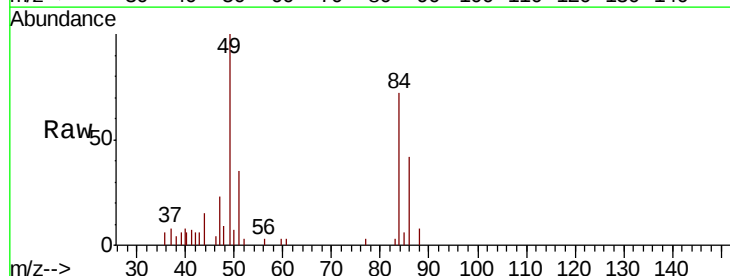
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

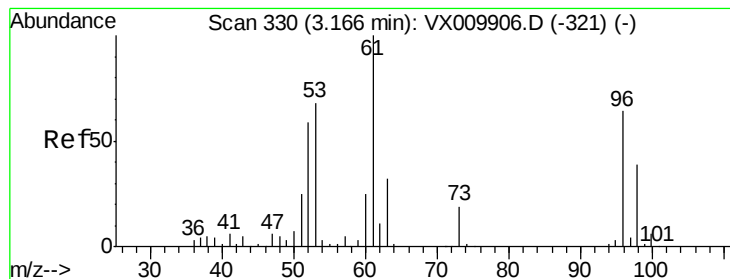
Tot Ion: 73 Resp: 7902
Ion Ratio Lower Upper
73 100
57 28.2 19.4 29.2



#20
Methylene Chloride
Concen: 1.386 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 84 Resp: 2687
Ion Ratio Lower Upper
84 100
49 139.4 115.8 173.6
51 48.5 34.4 51.6
86 58.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 1.296 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

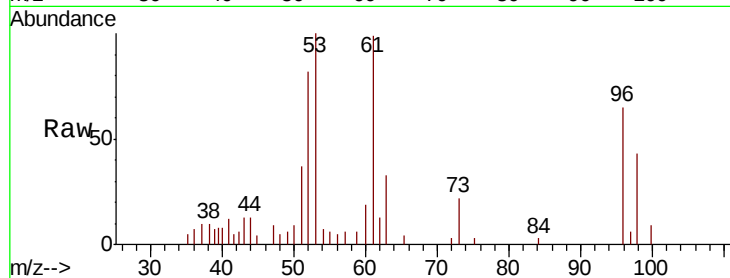
Tot Ion: 96 Resp: 2156

Ion Ratio Lower Upper

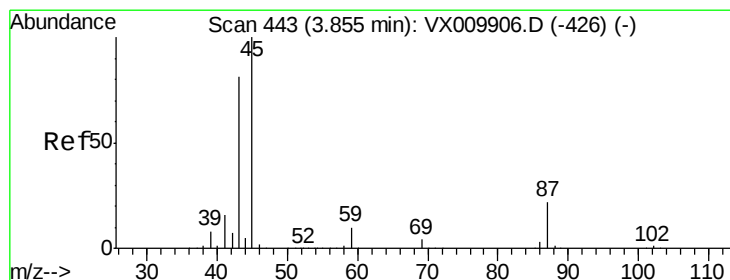
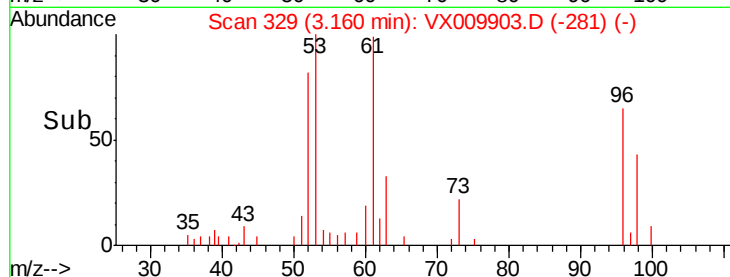
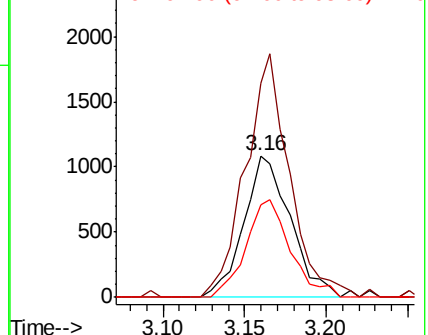
96 100

61 151.6 125.7 188.5

98 65.2 49.0 73.6



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: 1.375 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Tgt Ion: 45 Resp: 9927

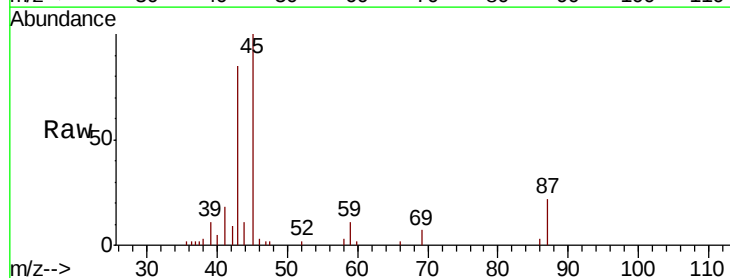
Ion Ratio Lower Upper

45 100

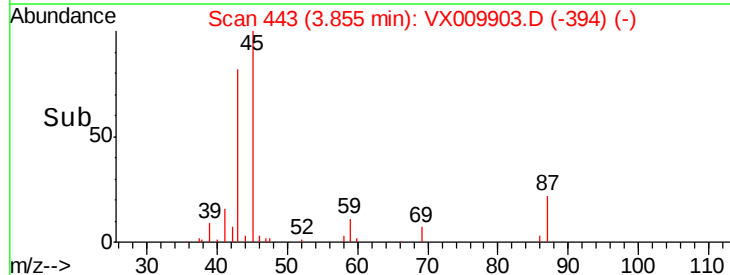
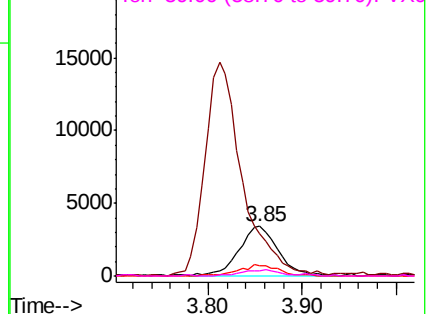
43 80.8 65.0 97.4

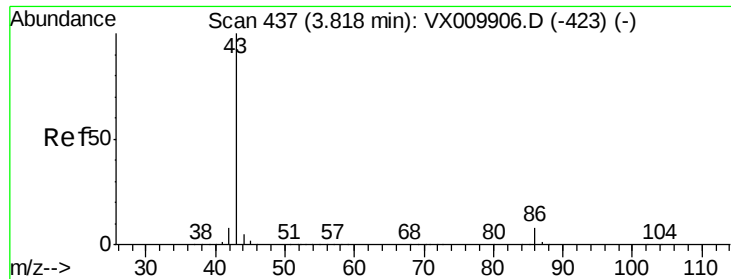
87 21.6 17.3 25.9

59 10.9 8.1 12.1



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: 6.539 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

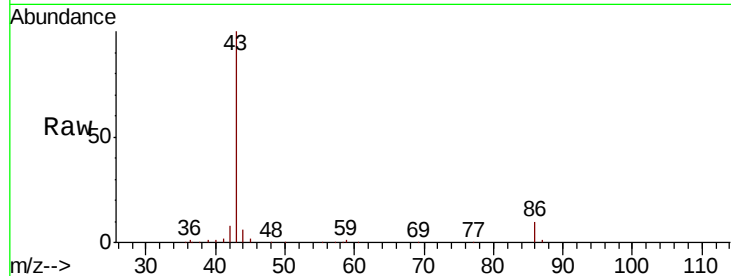
VSTDIC001

Tot Ion: 43 Resp: 40591

Ion Ratio Lower Upper

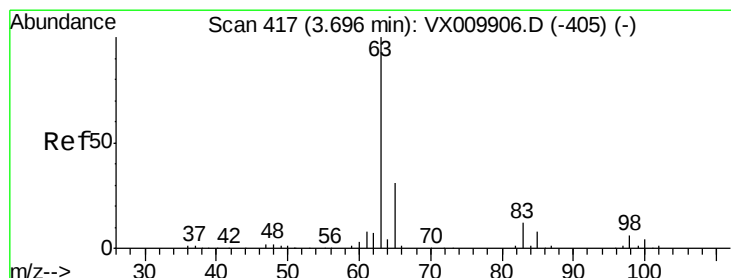
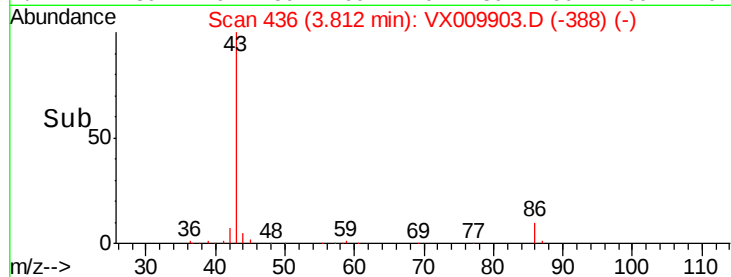
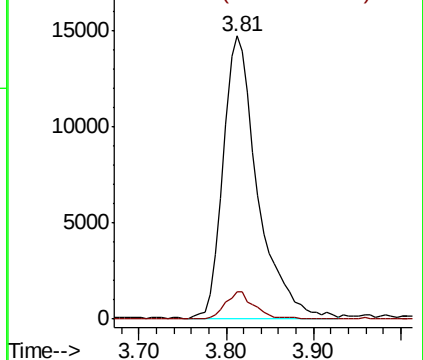
43 100

86 9.8 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.264 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

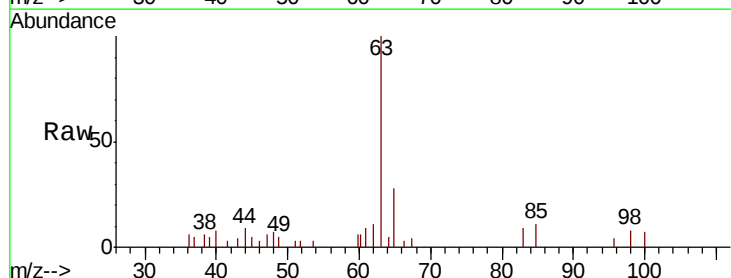
Tgt Ion: 63 Resp: 4489

Ion Ratio Lower Upper

63 100

98 7.8 2.9 8.8

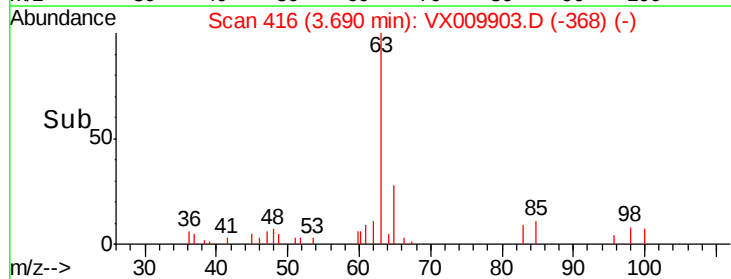
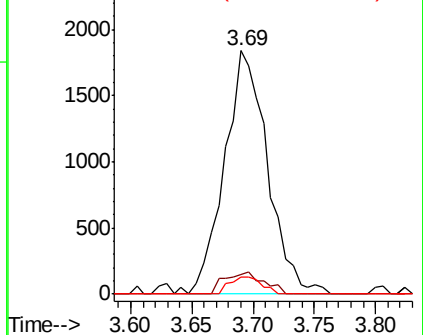
100 7.2 1.8 5.4#

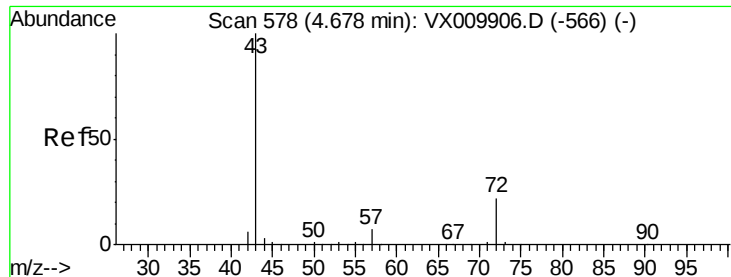


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 6.331 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

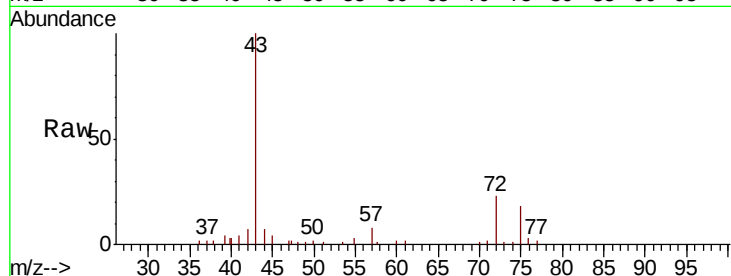
VSTDIC001

Tot Ion: 43 Resp: 11892

Ion Ratio Lower Upper

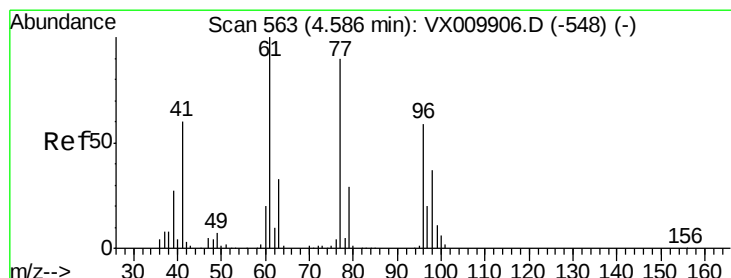
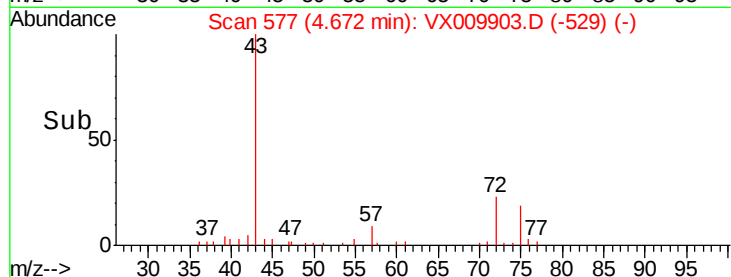
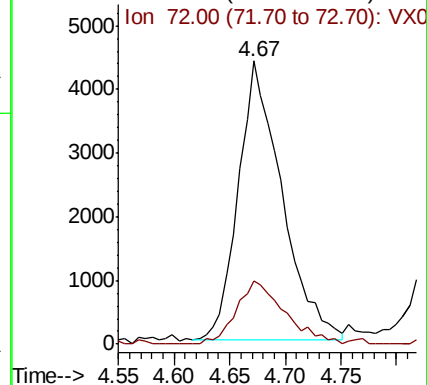
43 100

72 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX009903.D (-529) (-)

Ion 72.00 (71.70 to 72.70): VX009903.D (-529) (-)



#26

2,2-Dichloropropane

Concen: 1.275 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009903.D

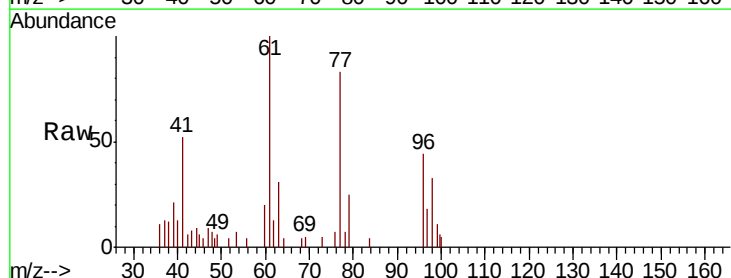
Acq: 28 May 2019 09:57

Tgt Ion: 77 Resp: 3374

Ion Ratio Lower Upper

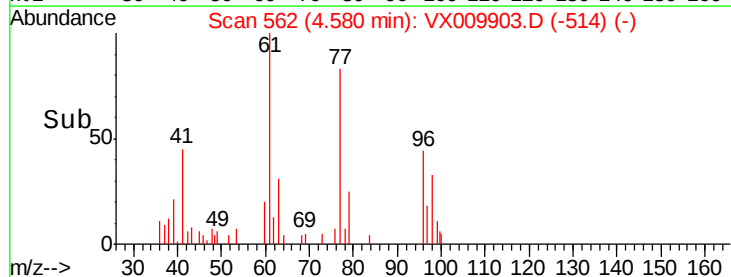
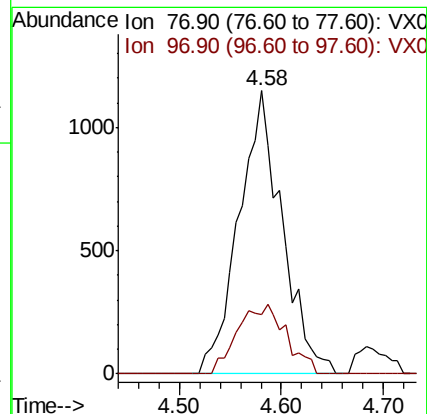
77 100

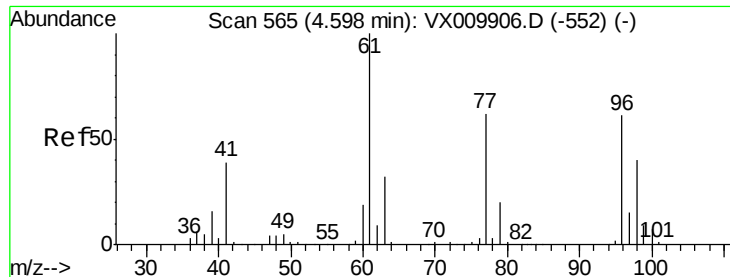
97 27.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX009903.D (-514) (-)

Ion 96.90 (96.60 to 97.60): VX009903.D (-514) (-)



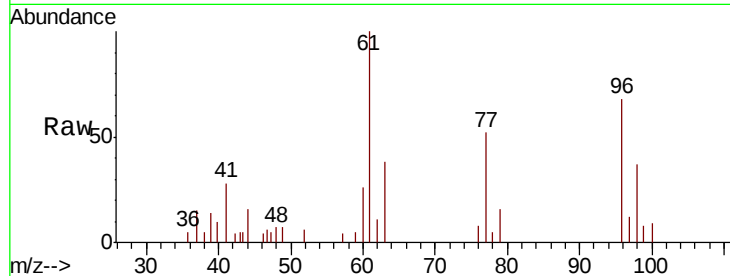


#27

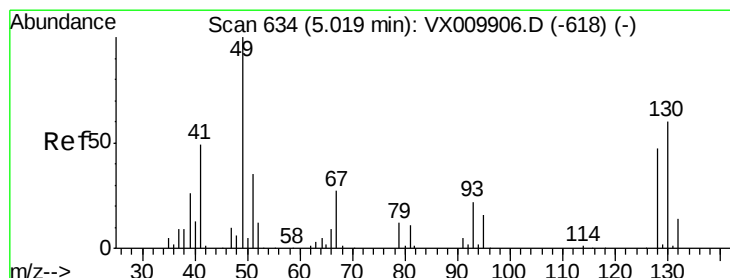
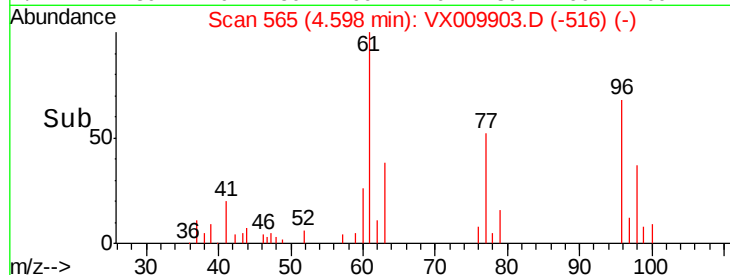
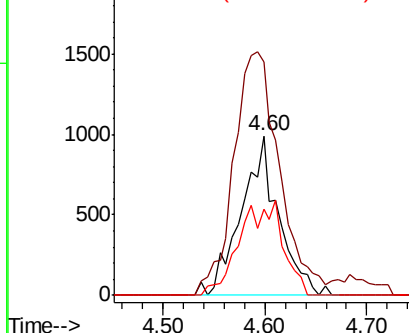
cis-1,2-Dichloroethene
Concen: 1.284 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 2543
Ion Ratio Lower Upper
96 100
61 185.4 0.0 334.0
98 33.5 0.0 131.6



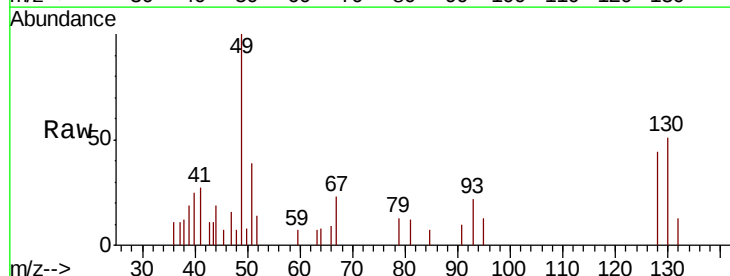
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



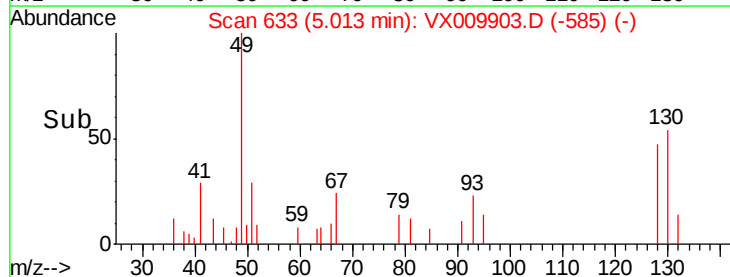
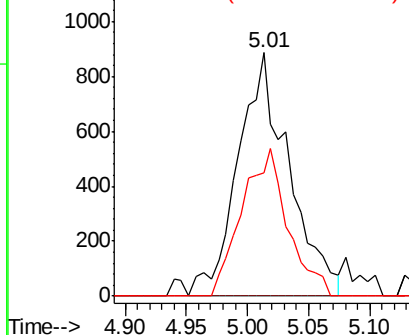
#28

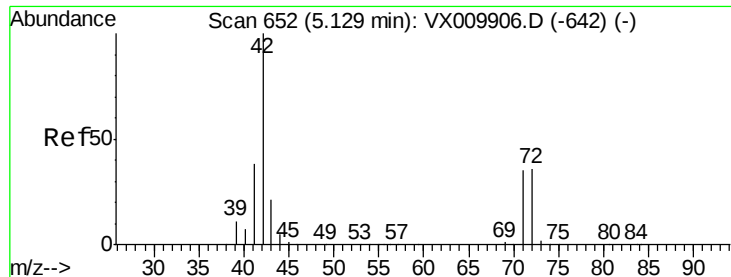
Bromochloromethane
Concen: 1.593 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 49 Resp: 2564
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 54.8 49.4 74.2



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: 7.168 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

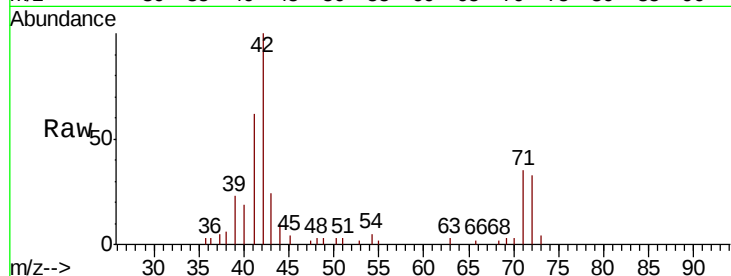
Tot Ion: 42 Resp: 8645

Ion Ratio Lower Upper

42 100

72 37.7 29.2 43.8

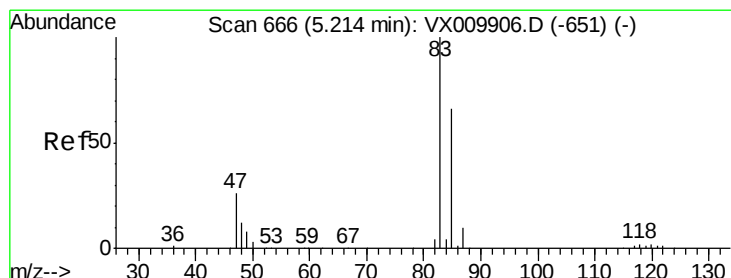
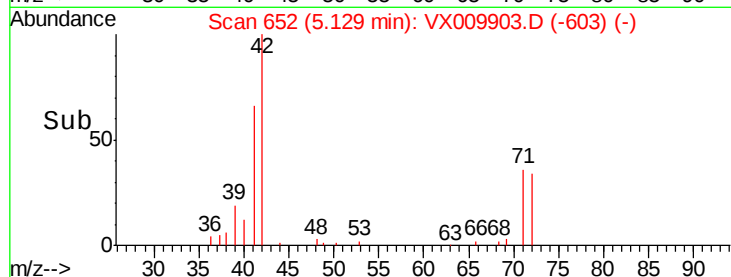
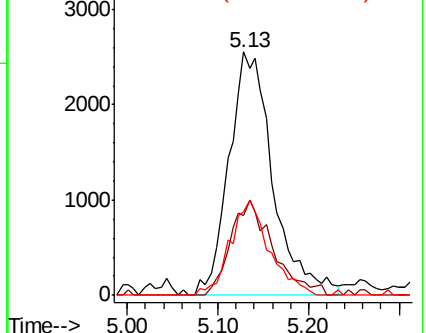
71 34.8 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.364 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX009903.D

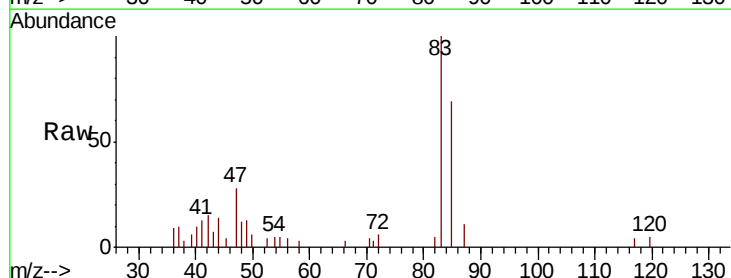
Acq: 28 May 2019 09:57

Tgt Ion: 83 Resp: 4371

Ion Ratio Lower Upper

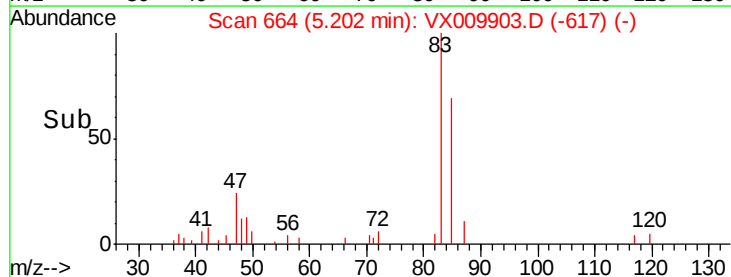
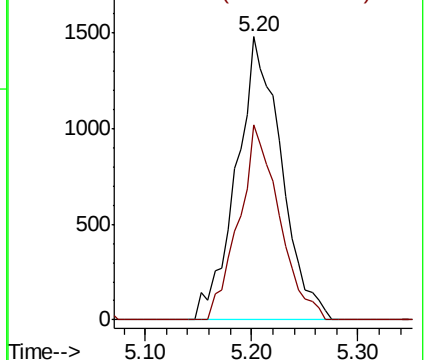
83 100

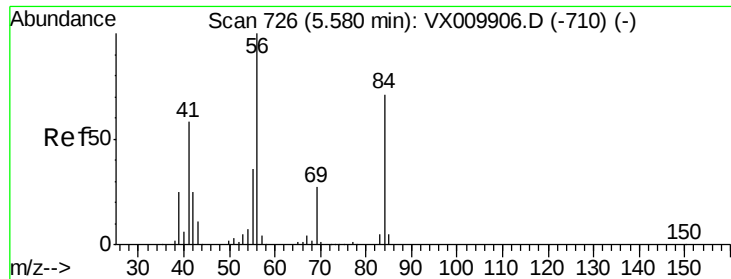
85 68.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

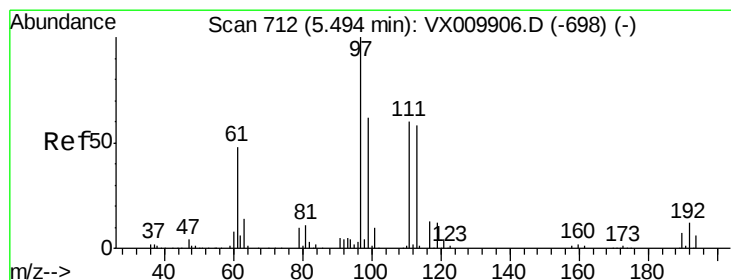
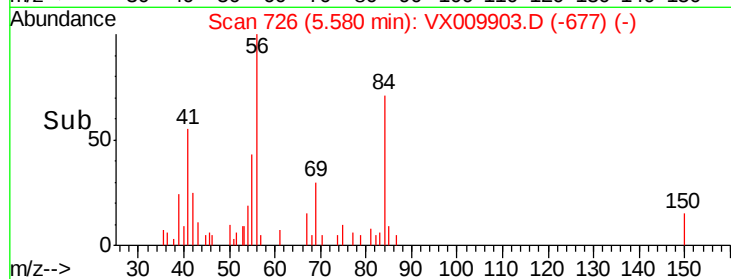
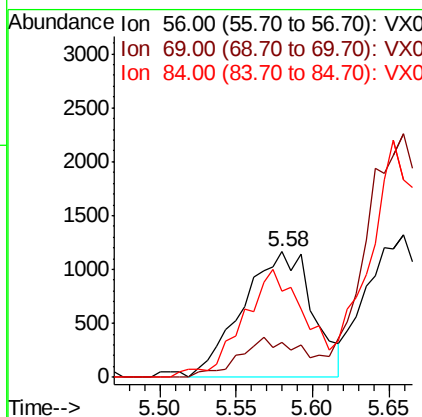
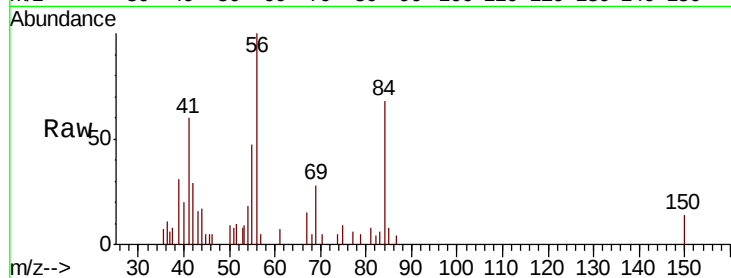




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

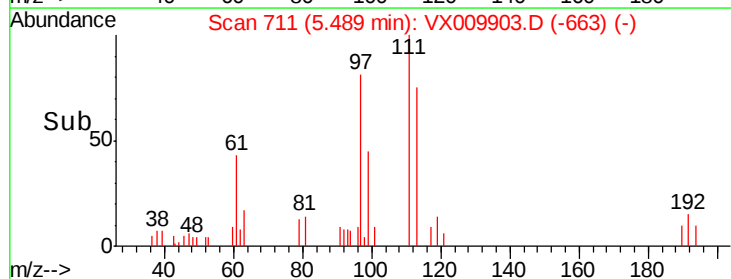
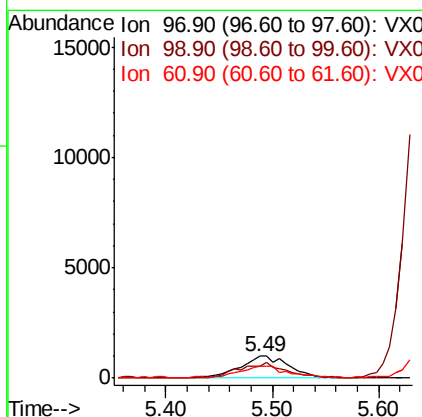
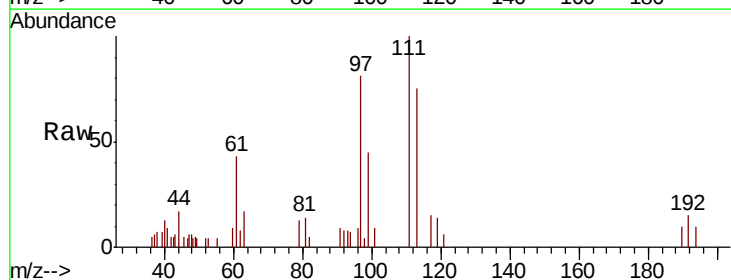
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

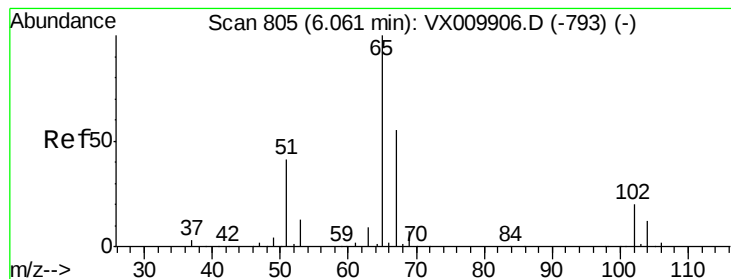
Tot Ion: 56 Resp: 3721
Ion Ratio Lower Upper
56 100
69 28.3 21.6 32.4
84 61.7 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 1.169 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 97 Resp: 3126
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 56.9 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 2.372 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

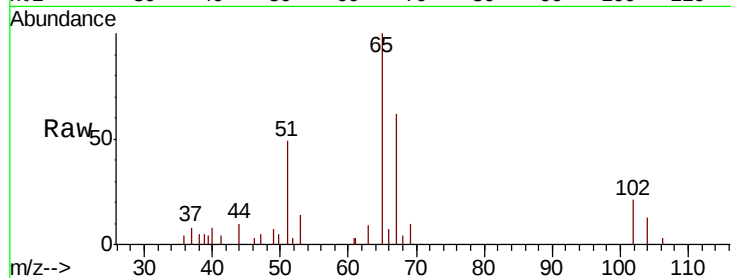
VSTDIC001

Tot Ion: 65 Resp: 5211

Ion Ratio Lower Upper

65 100

67 59.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

2000

1500

1000

500

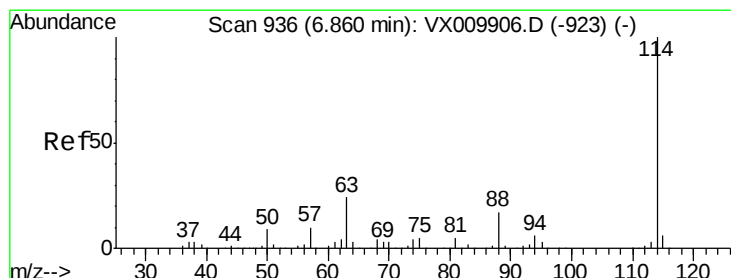
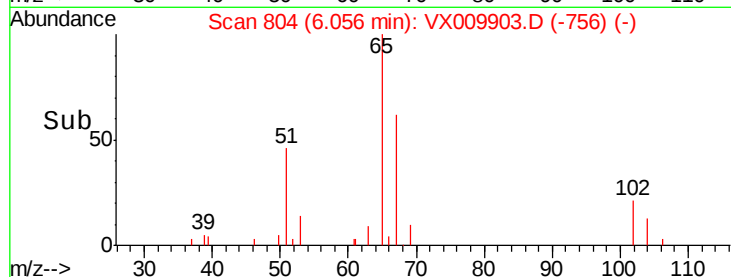
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

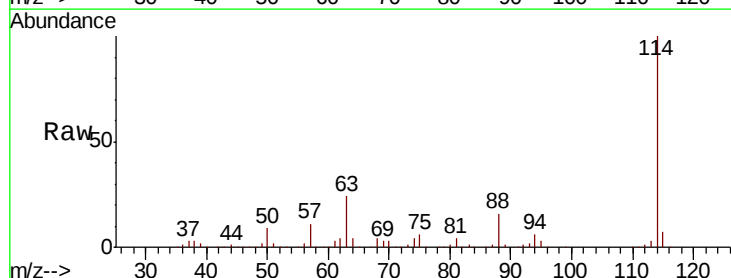
Tgt Ion: 114 Resp: 277269

Ion Ratio Lower Upper

114 100

63 24.1 0.0 47.4

88 16.4 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

150000

100000

50000

0

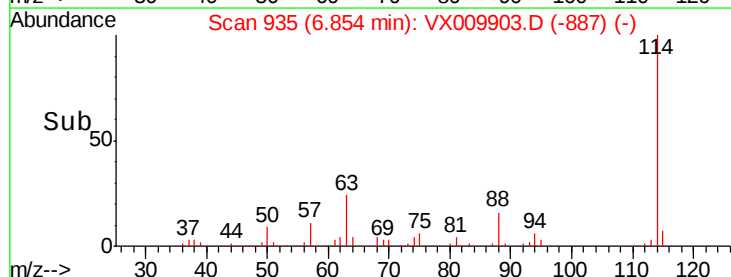
Time-->

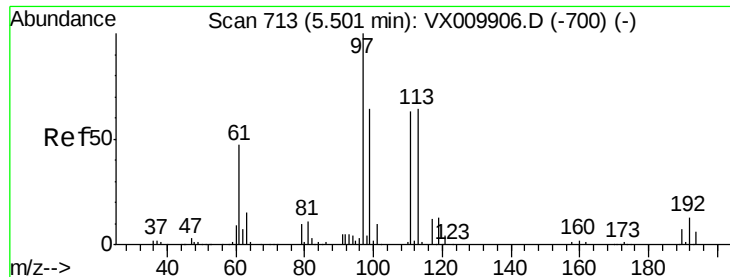
6.70

6.80

6.90

7.00

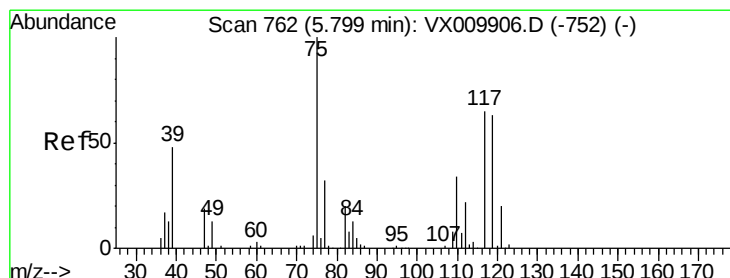
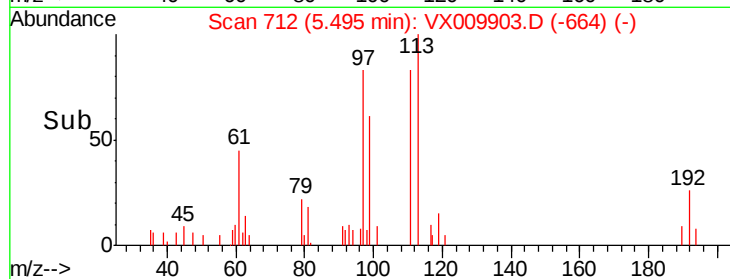
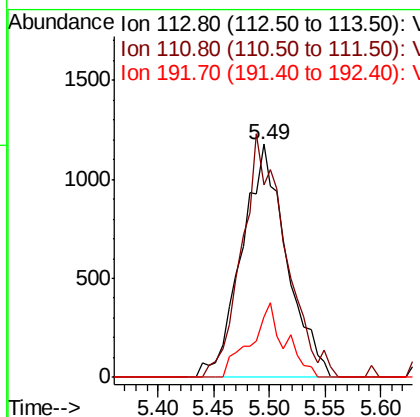
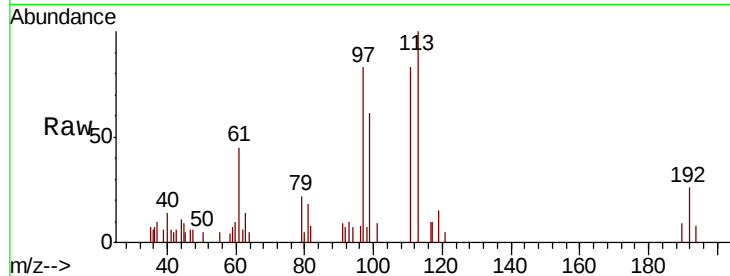




#35
 Dibromofluoromethane
 Concen: 1.918 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

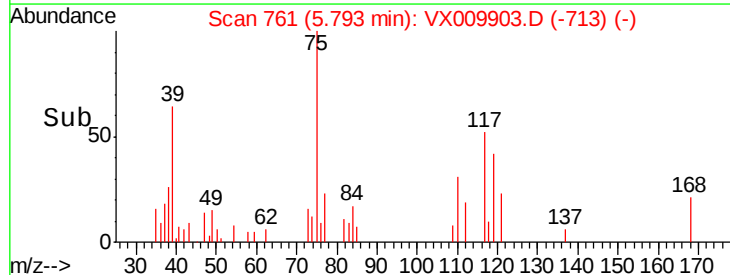
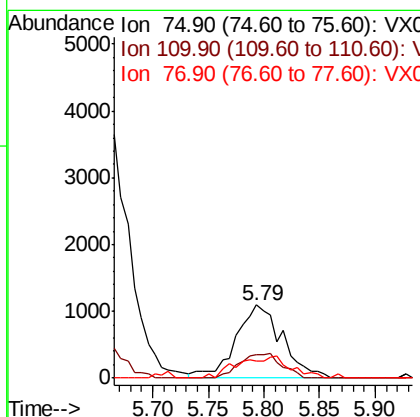
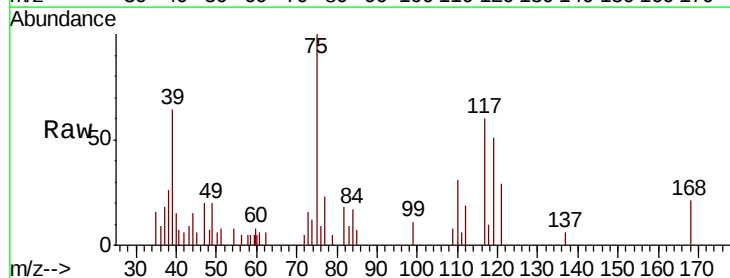
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

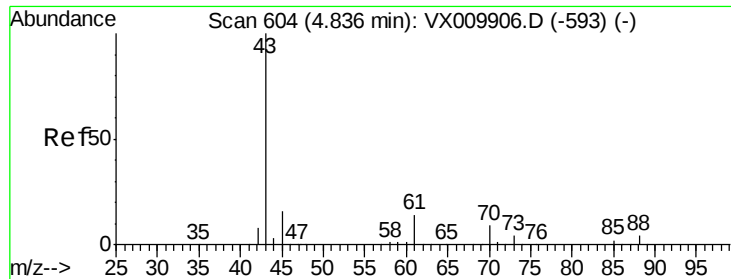
Tot Ion:113 Resp: 3313
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.2 123.2
 192 24.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 1.215 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion: 75 Resp: 3168
 Ion Ratio Lower Upper
 75 100
 110 30.1 16.7 50.1
 77 34.2 25.0 37.4

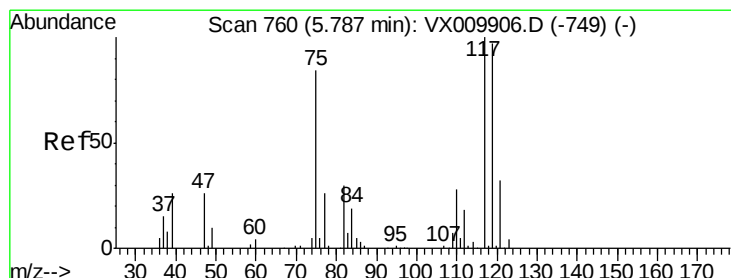
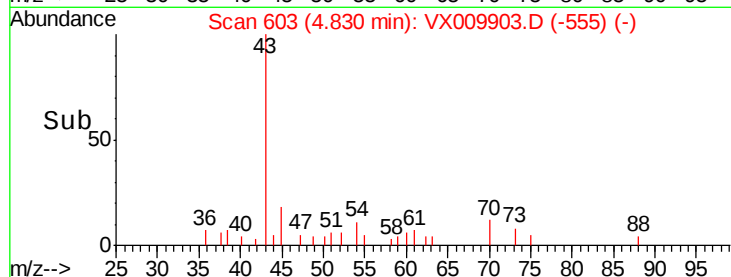
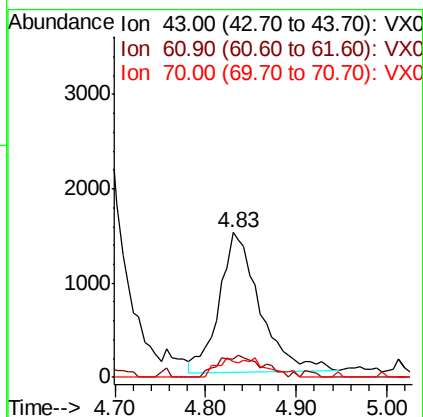
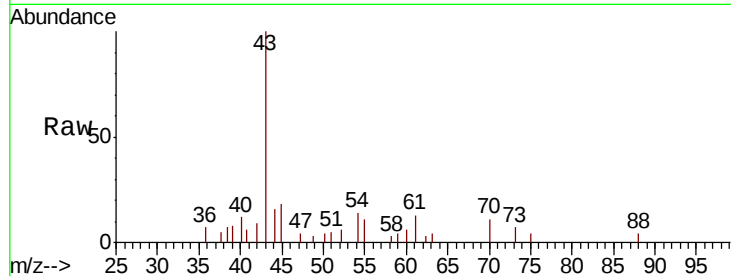




#37
Ethyl Acetate
Concen: 1.261 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

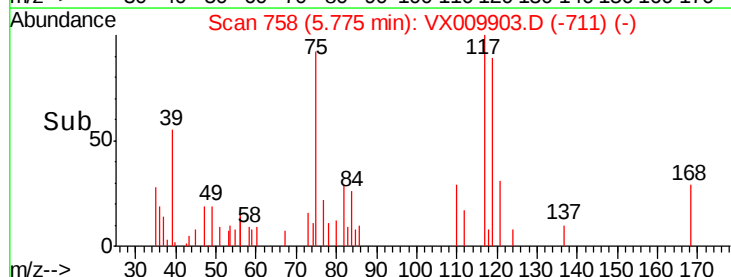
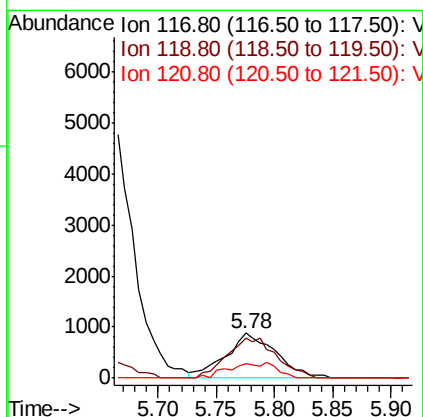
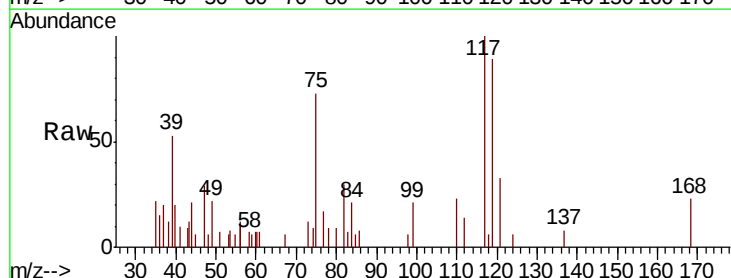
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

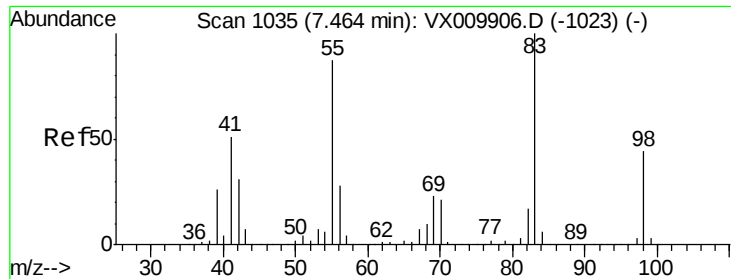
Tot Ion: 43 Resp: 4613
Ion Ratio Lower Upper
43 100
61 17.2 10.2 15.2#
70 7.2 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 1.118 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 117 Resp: 2649
Ion Ratio Lower Upper
117 100
119 89.3 77.3 115.9
121 32.8 25.4 38.0

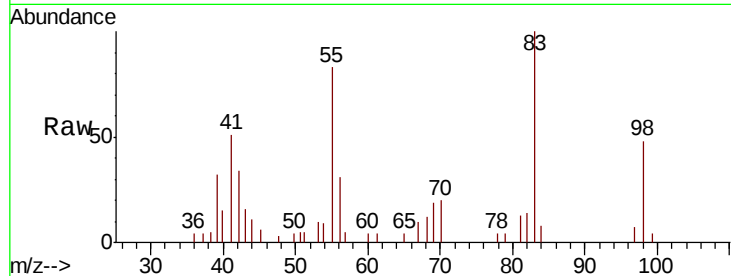




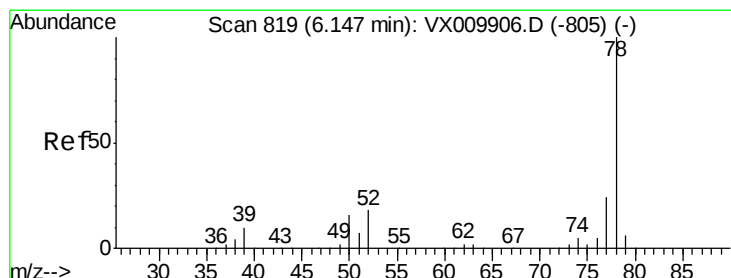
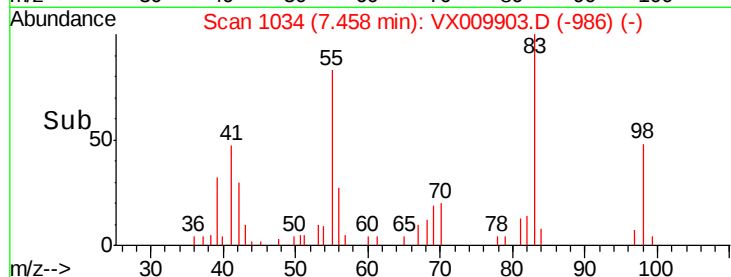
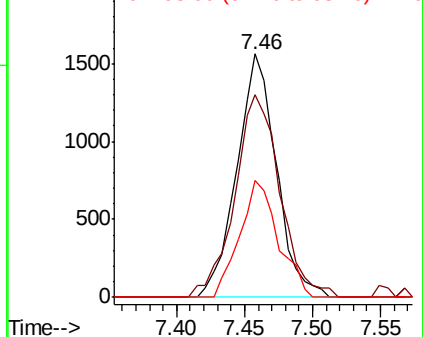
#39
Methvlcvclohexane
Concen: 0.991 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 3184
Ion Ratio Lower Upper
83 100
55 83.0 69.9 104.9
98 48.2 35.1 52.7

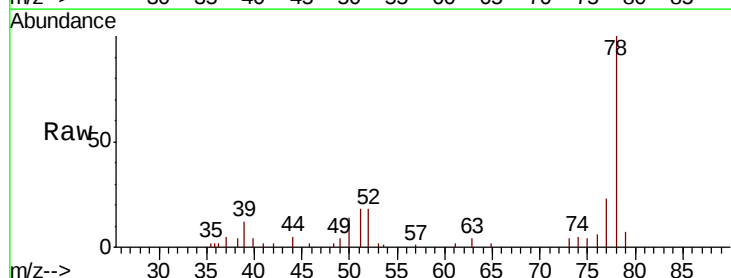


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

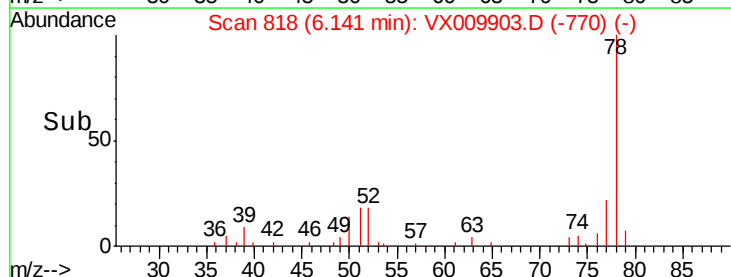
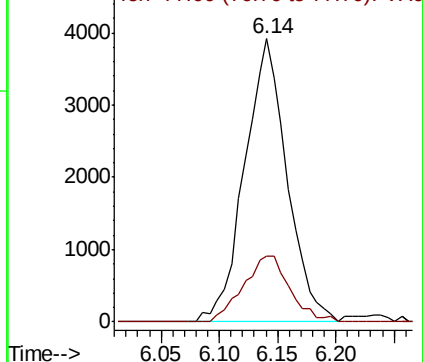


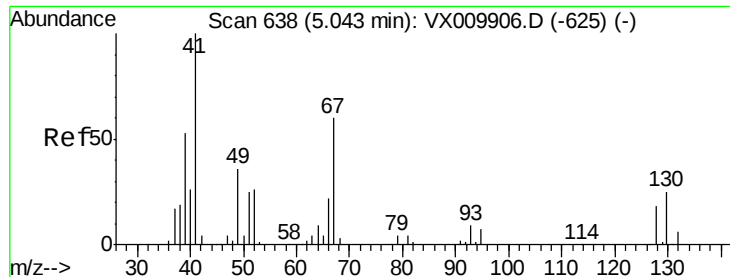
#40
Benzene
Concen: 1.228 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 78 Resp: 9889
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8



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

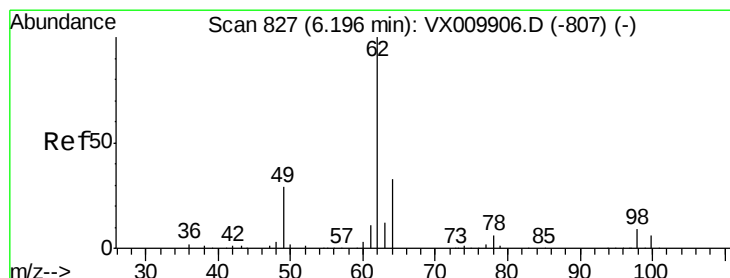
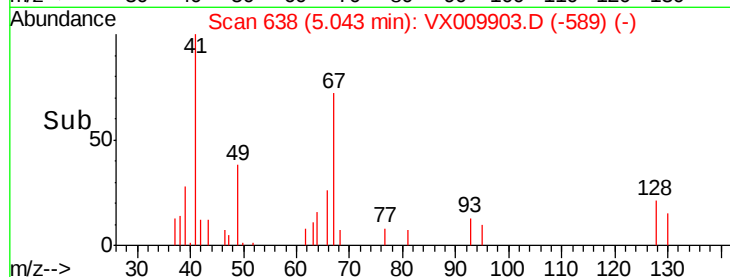
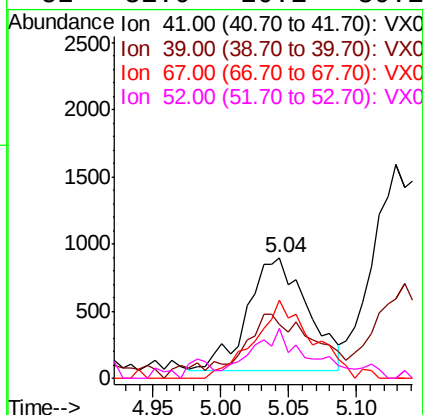
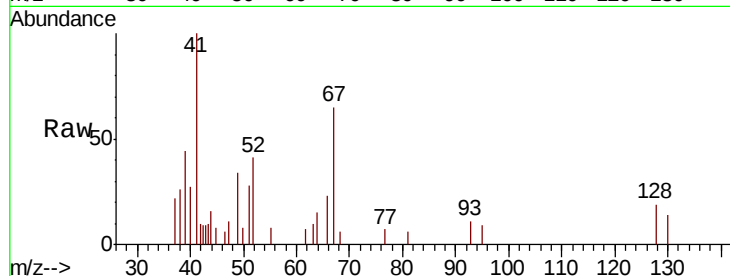




#41
Methacrylonitrile
Concen: 1.208 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

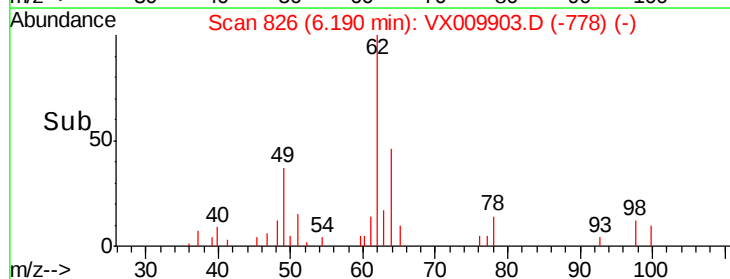
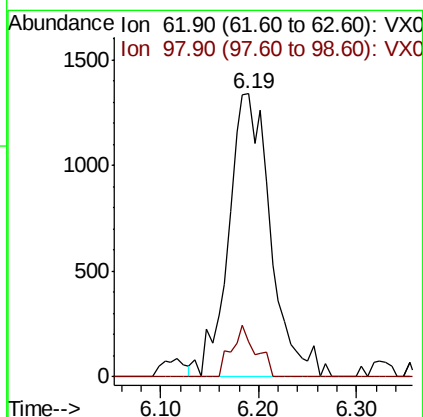
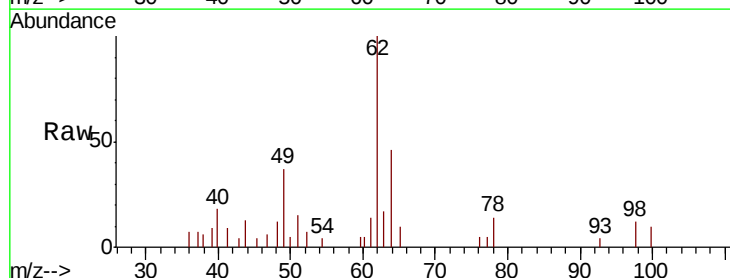
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

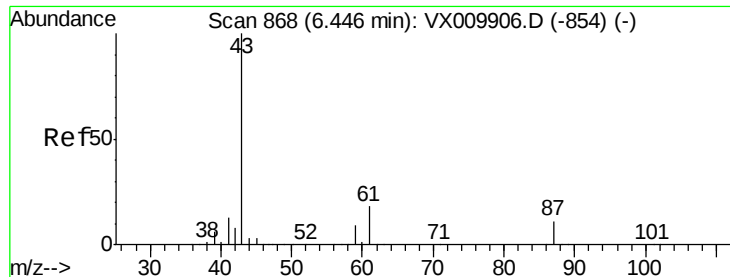
Tot Ion: 41 Resp: 2616
Ion Ratio Lower Upper
41 100
39 58.9 42.2 63.4
67 64.5 48.9 73.3
52 31.0 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 1.375 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 62 Resp: 3989
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.2





#43

Isopropyl Acetate

Concen: 1.211 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

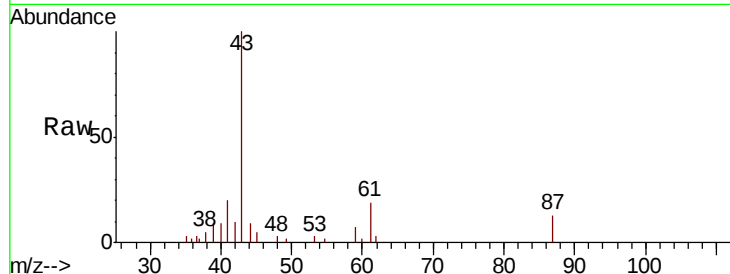
Tot Ion: 43 Resp: 7061

Ion Ratio Lower Upper

43 100

61 20.1 14.6 21.8

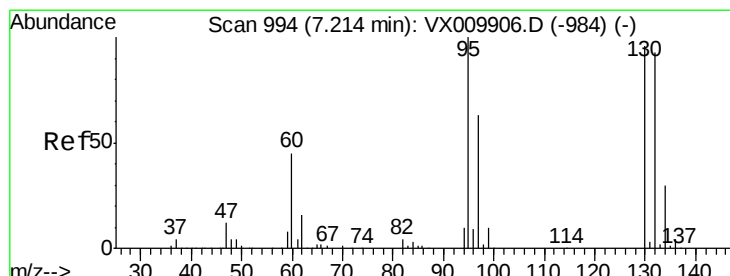
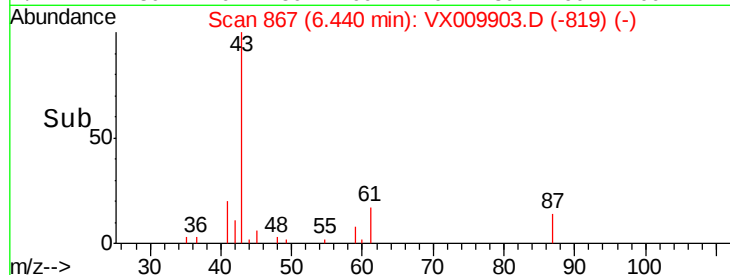
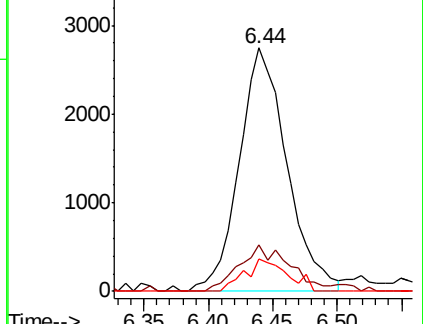
87 11.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.336 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009903.D

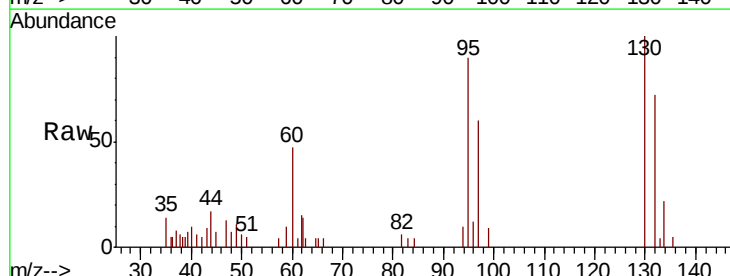
Acq: 28 May 2019 09:57

Tgt Ion:130 Resp: 2598

Ion Ratio Lower Upper

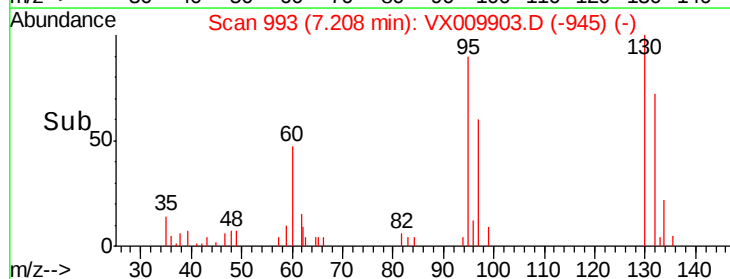
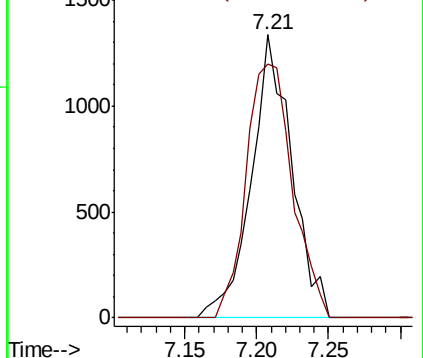
130 100

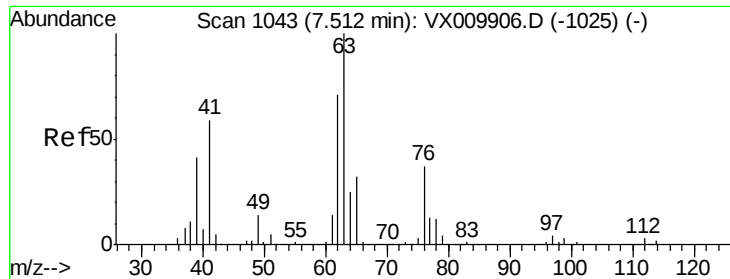
95 89.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.249 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

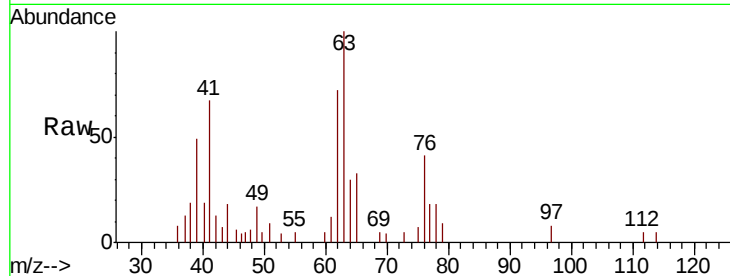
VSTDIC001

Tot Ion: 63 Resp: 2848

Ion Ratio Lower Upper

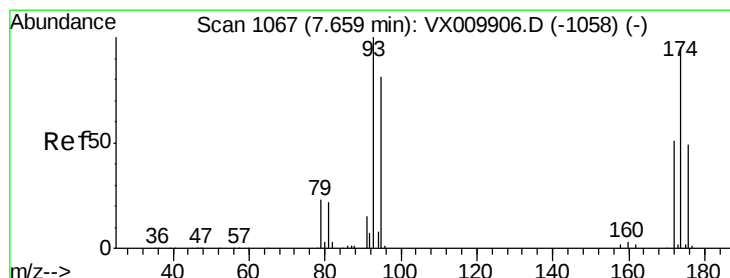
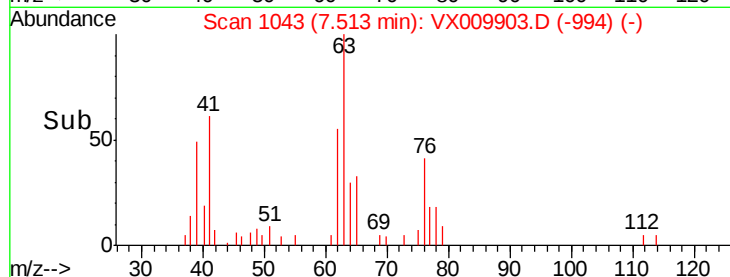
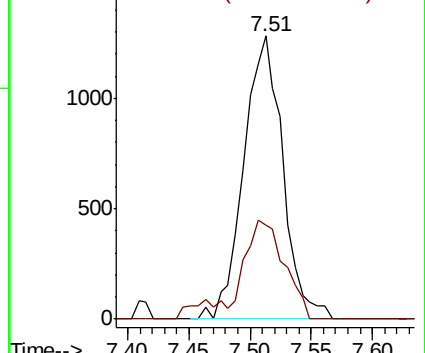
63 100

65 33.2 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.300 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

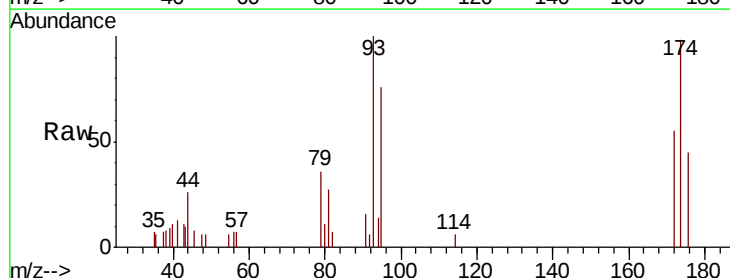
Tgt Ion: 93 Resp: 1720

Ion Ratio Lower Upper

93 100

95 87.2 66.8 100.2

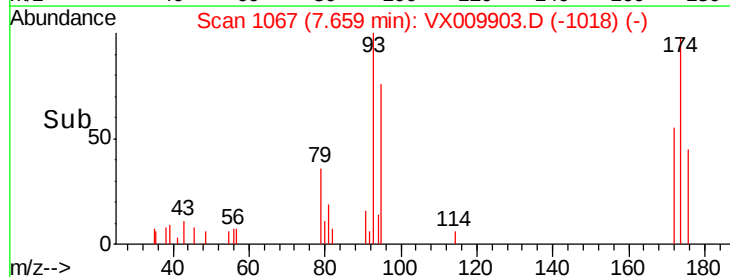
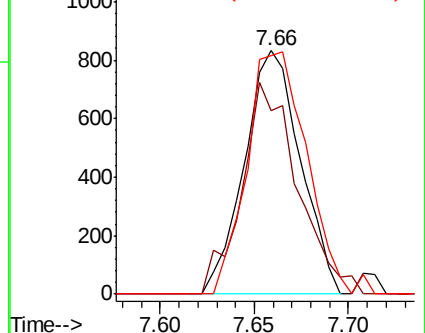
174 105.2 81.9 122.9

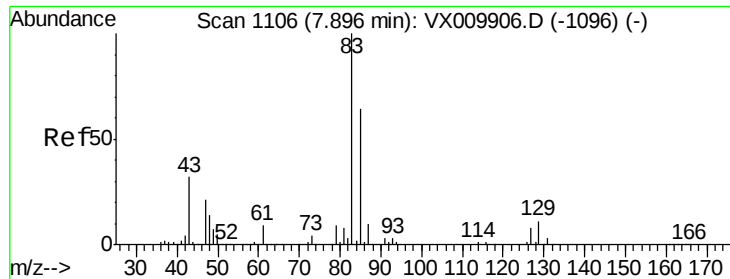


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.262 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

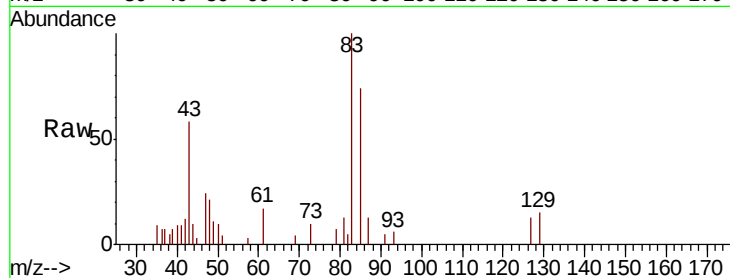
Tot Ion: 83 Resp: 3325

Ion Ratio Lower Upper

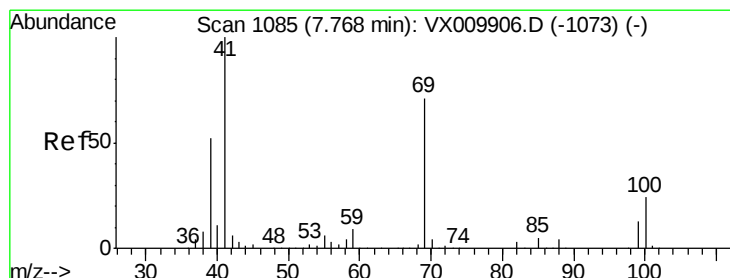
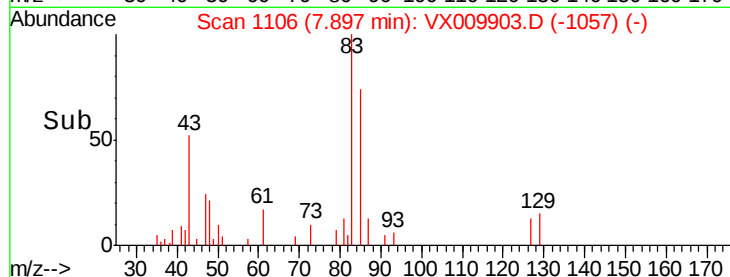
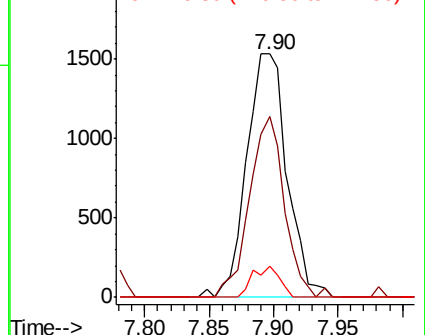
83 100

85 74.3 51.4 77.2

127 12.9 6.4 9.6#



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: 1.342 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

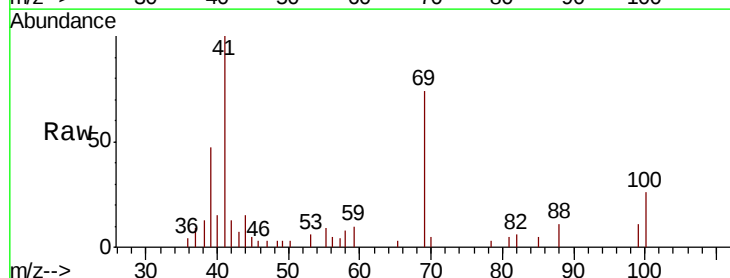
Tgt Ion: 41 Resp: 3895

Ion Ratio Lower Upper

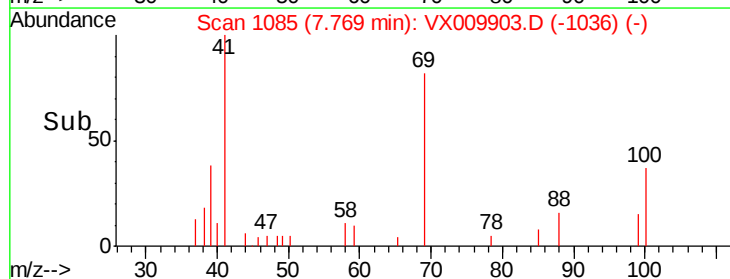
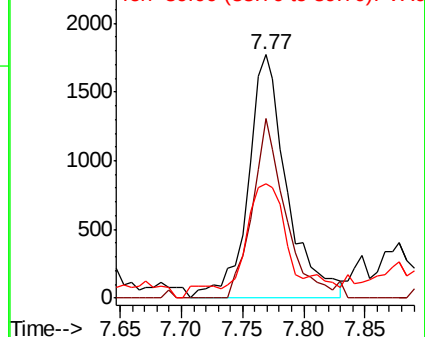
41 100

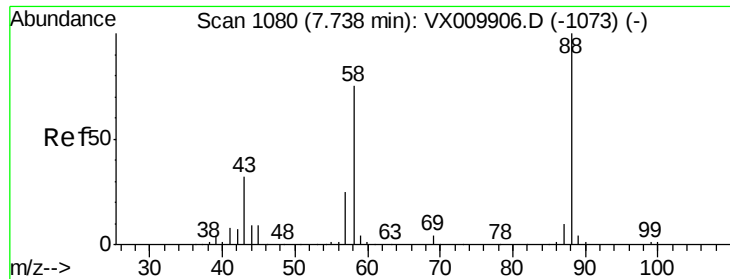
69 63.7 56.4 84.6

39 40.0 40.6 60.8#



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: 23.726 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

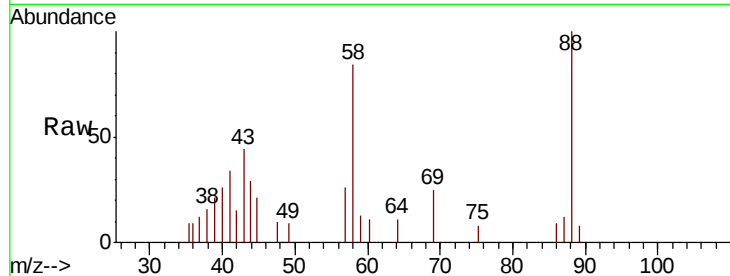
Tot Ion: 88 Resp: 1378

Ion Ratio Lower Upper

88 100

43 71.9 30.2 45.4#

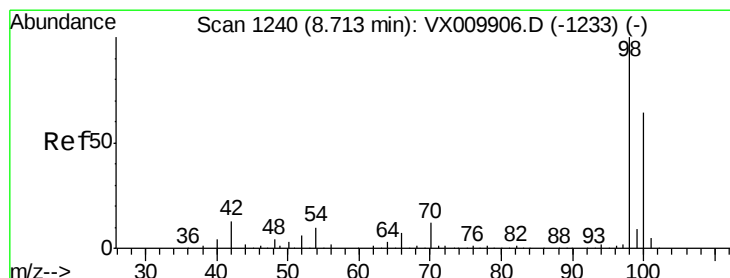
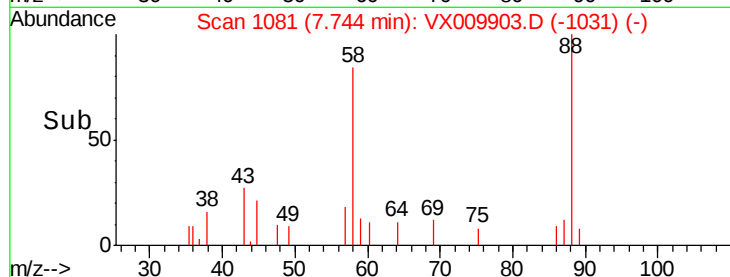
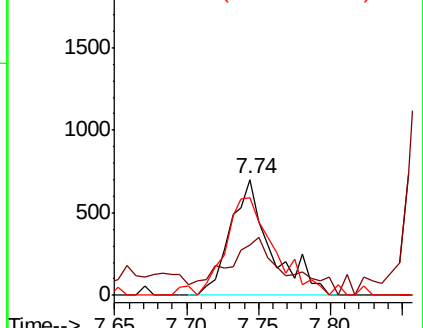
58 104.9 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.373 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009903.D

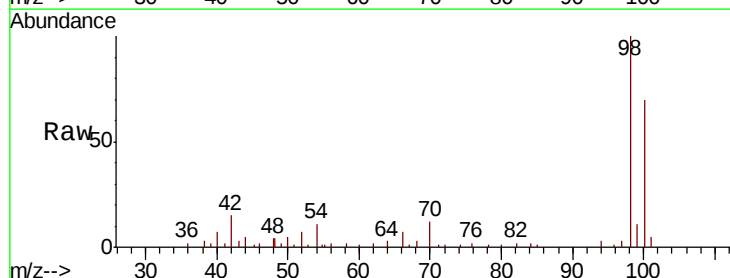
Acq: 28 May 2019 09:57

Tgt Ion: 98 Resp: 9601

Ion Ratio Lower Upper

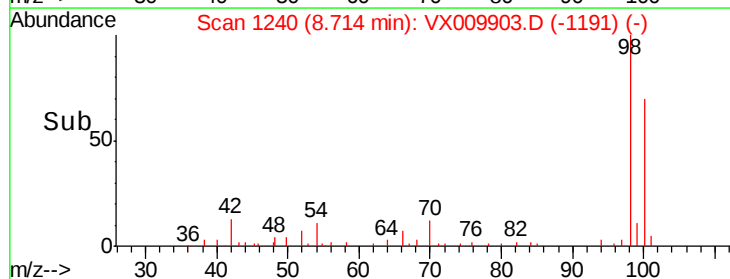
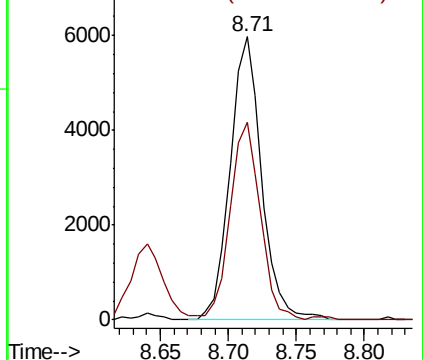
98 100

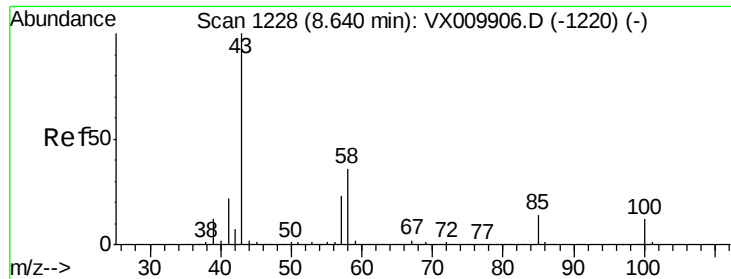
100 67.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 6.086 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

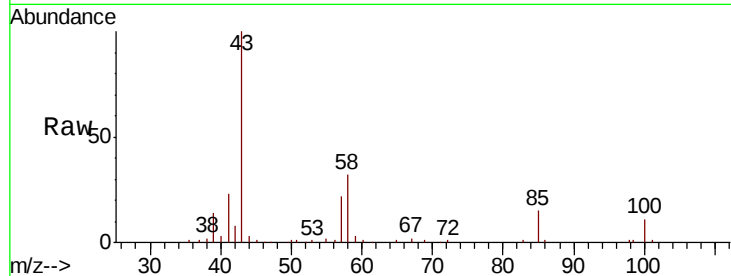
VSTDIC001

Tot Ion: 43 Resp: 23256

Ion Ratio Lower Upper

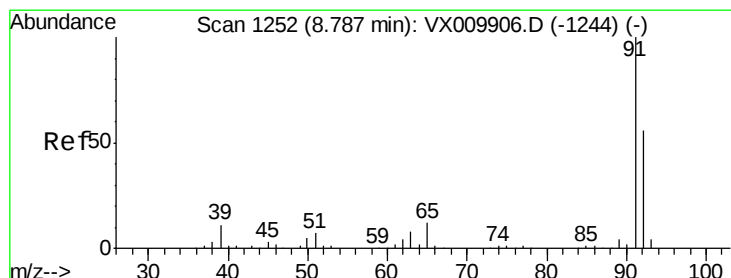
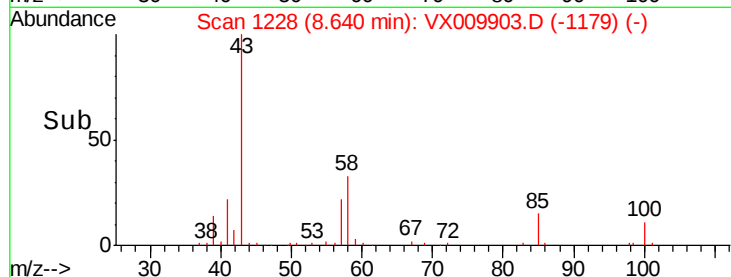
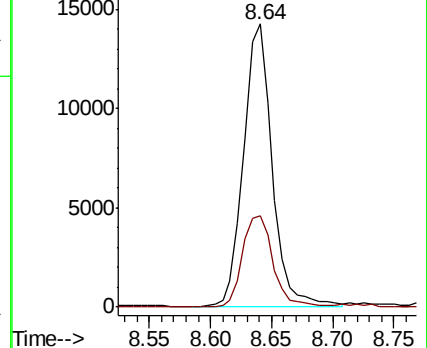
43 100

58 34.2 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.118 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009903.D

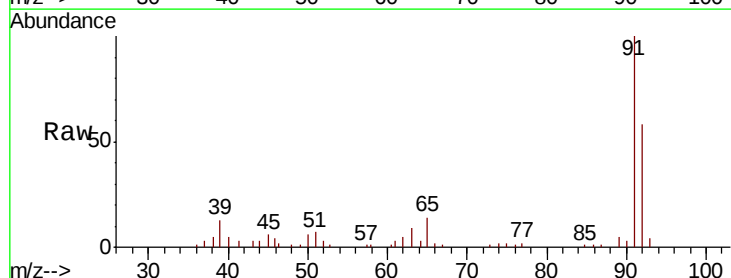
Acq: 28 May 2019 09:57

Tgt Ion: 92 Resp: 5475

Ion Ratio Lower Upper

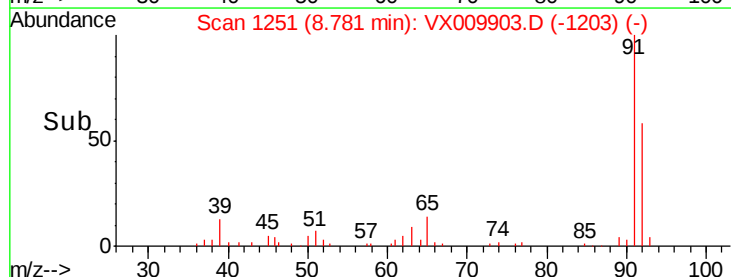
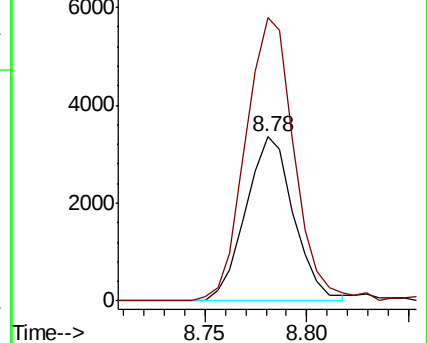
92 100

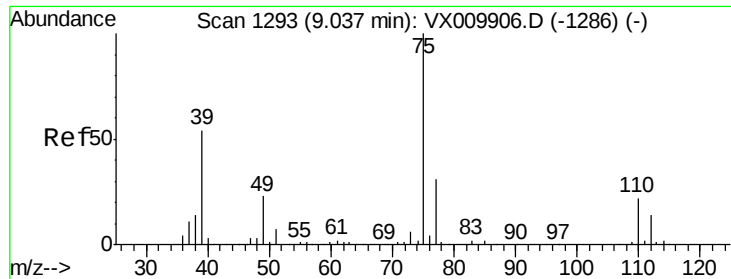
91 176.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

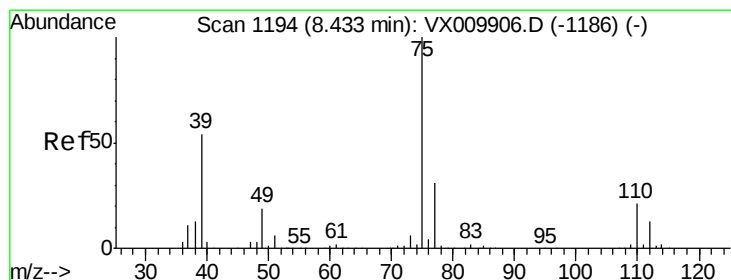
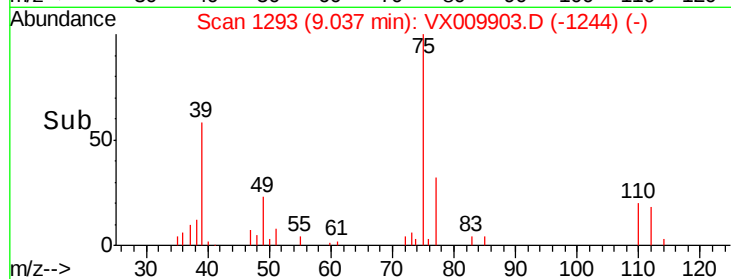
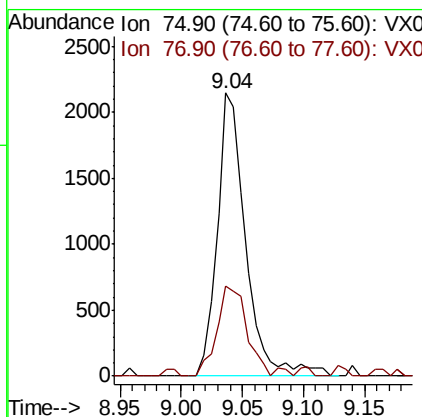
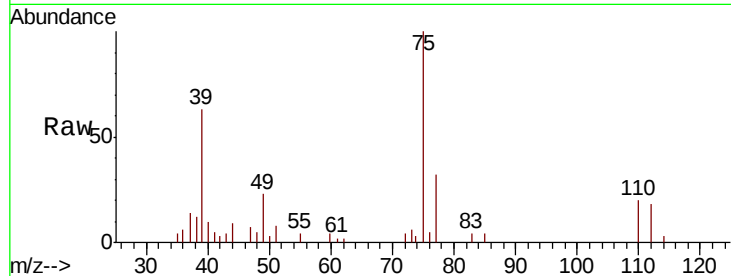




#53
t-1,3-Dichloropropene
Concen: 1.162 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

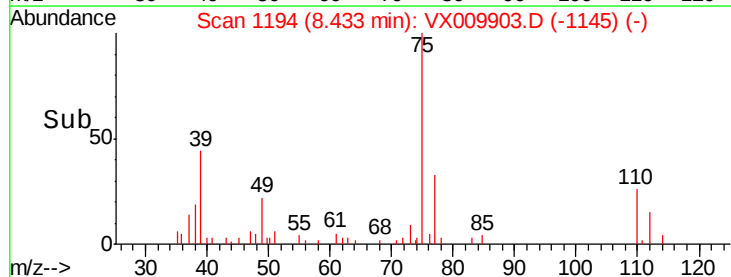
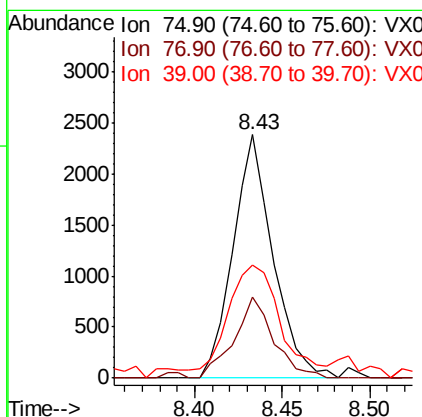
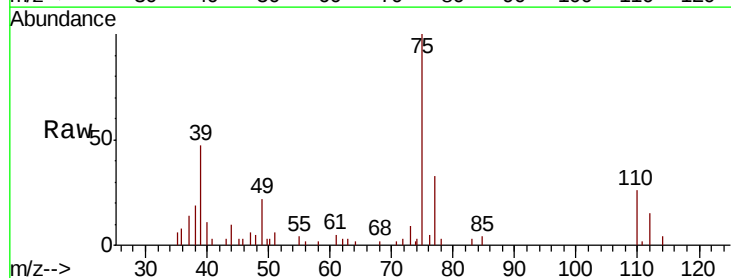
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

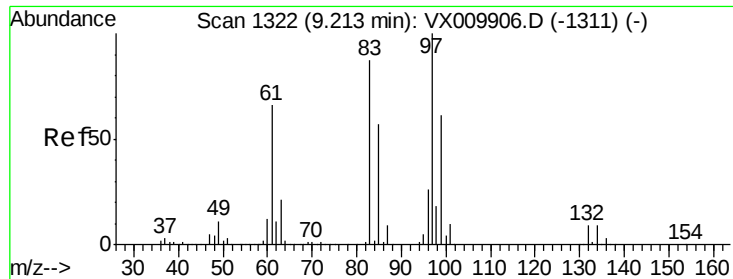
Tot Ion: 75 Resp: 3483
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 1.144 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 75 Resp: 3781
Ion Ratio Lower Upper
75 100
77 33.5 24.8 37.2
39 43.2 43.4 65.0#

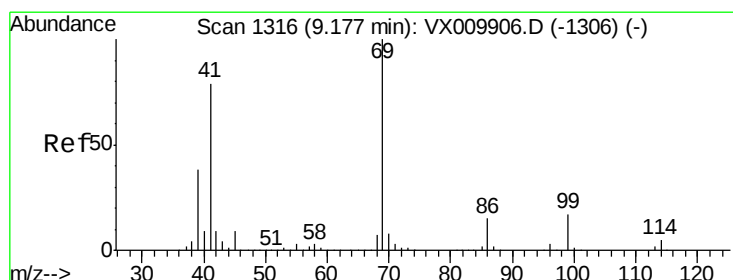
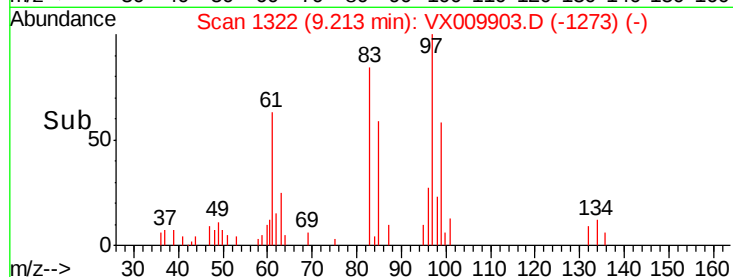
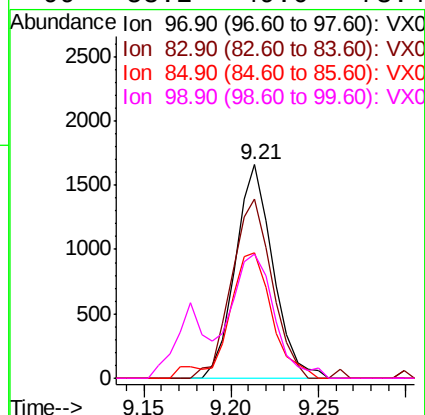
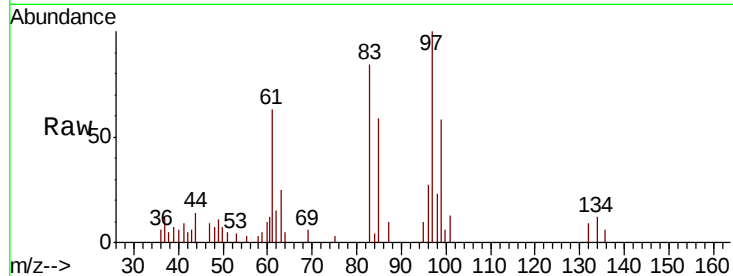




#55
 1,1,2-Trichloroethane
 Concen: 1.253 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

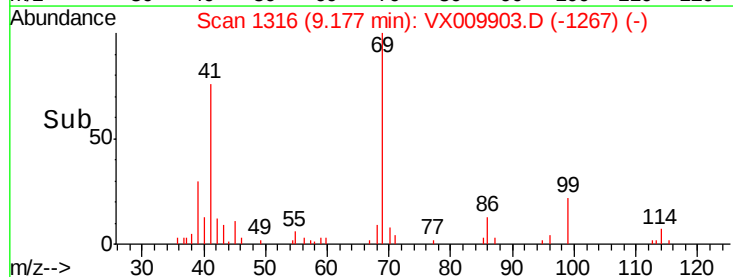
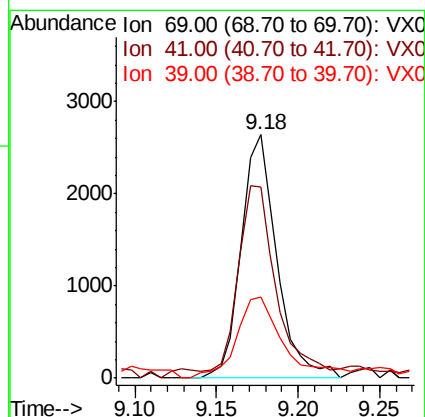
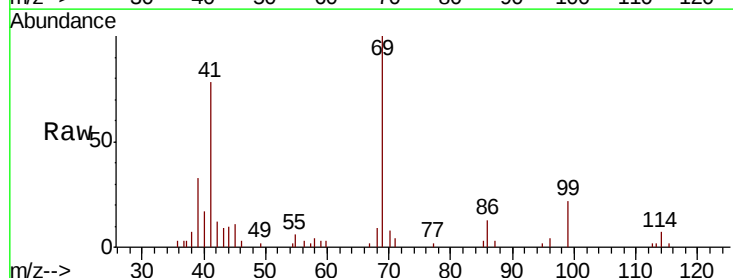
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

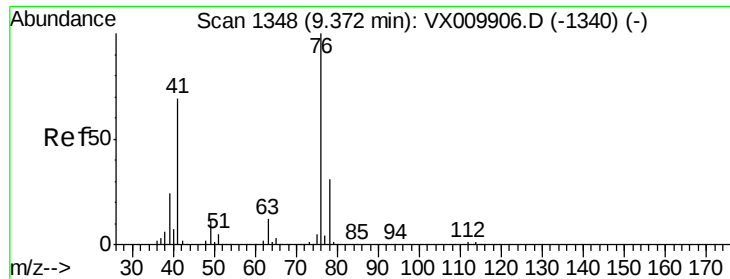
Tot Ion:	97	Resp:	2490
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.8	104.8
85	58.6	45.3	67.9
99	58.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 1.127 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion:	69	Resp:	4025
Ion	Ratio	Lower	Upper
69	100		
41	85.8	62.7	94.1
39	43.6	29.5	44.3

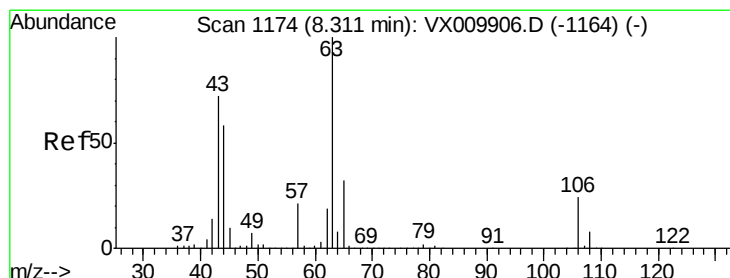
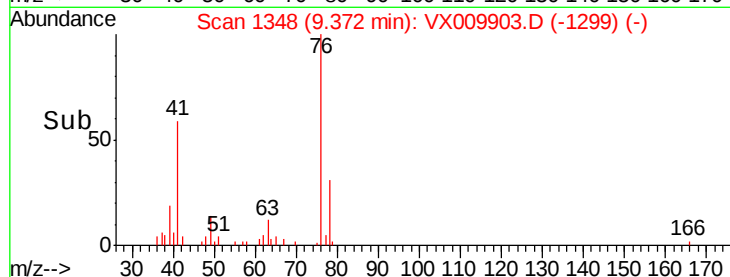
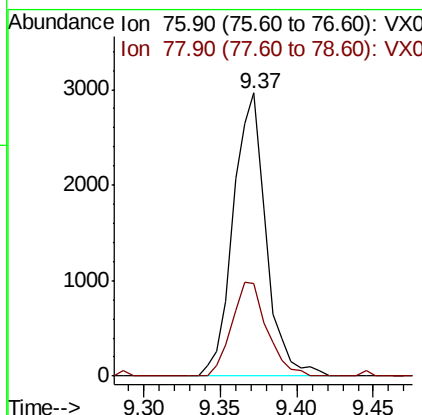
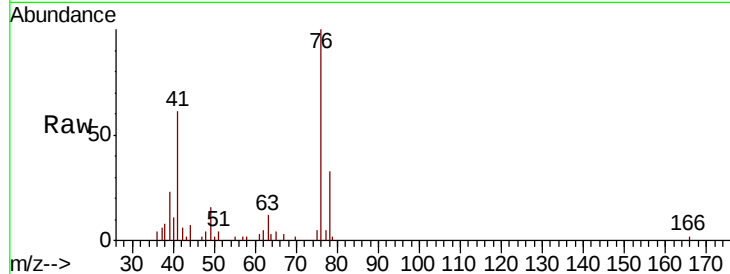




#57
 1,3-Dichloropropane
 Concen: 1.249 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

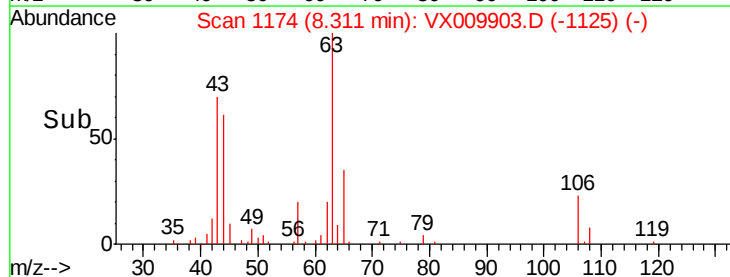
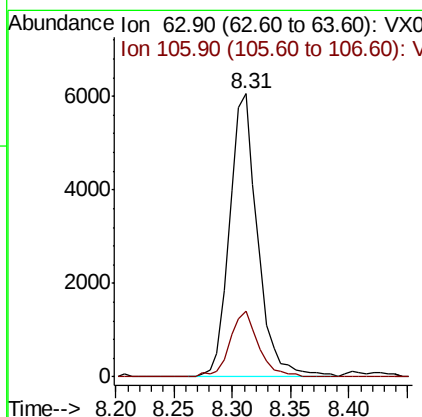
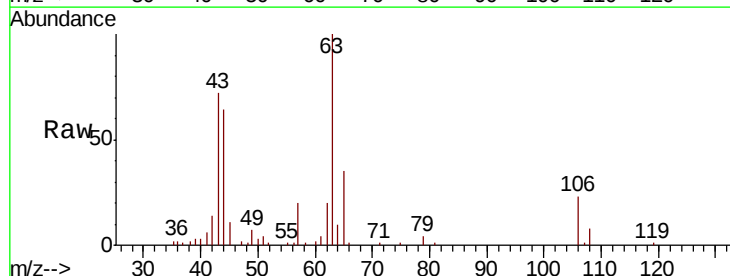
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

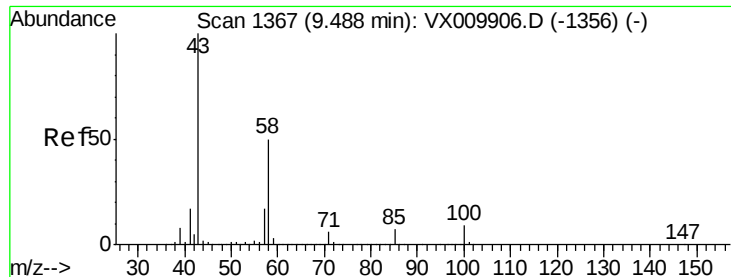
Tot Ion: 76 Resp: 4388
 Ion Ratio Lower Upper
 76 100
 78 35.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.428 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion: 63 Resp: 10182
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.4 29.2

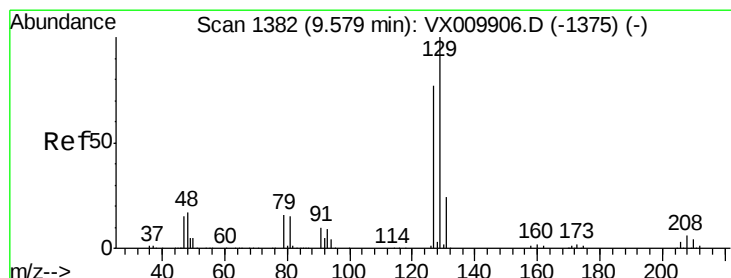
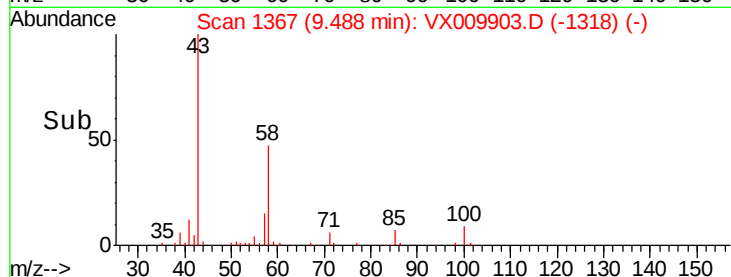
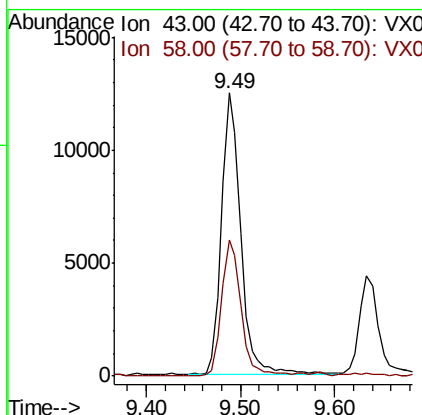
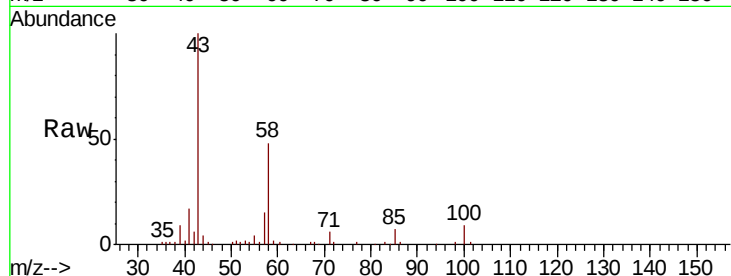




#59
2-Hexanone
Concen: 5.957 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

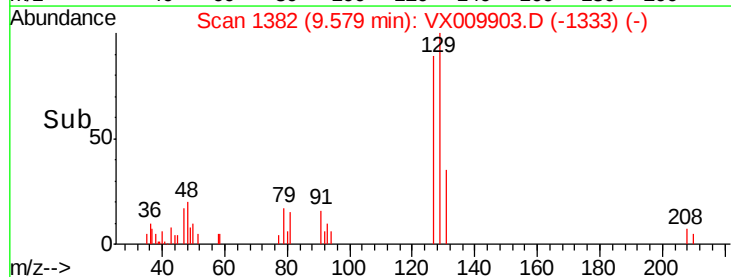
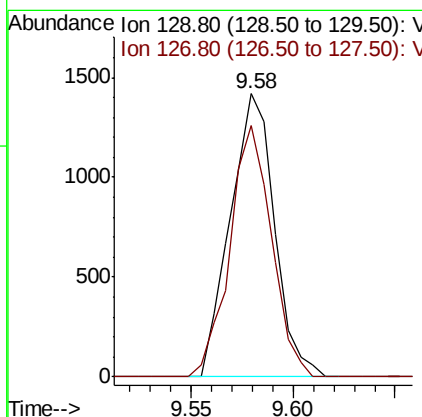
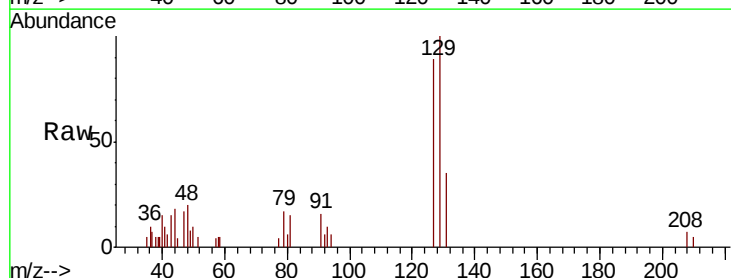
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

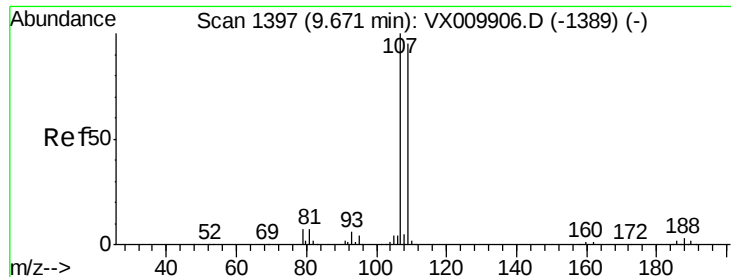
Tot Ion: 43 Resp: 17861
Ion Ratio Lower Upper
43 100
58 48.7 25.1 75.3



#60
Dibromochloromethane
Concen: 1.093 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 129 Resp: 2130
Ion Ratio Lower Upper
129 100
127 83.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 1.205 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

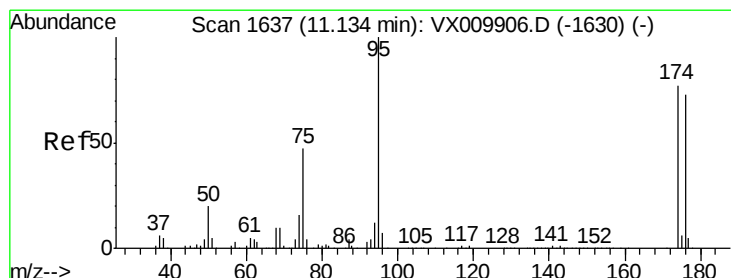
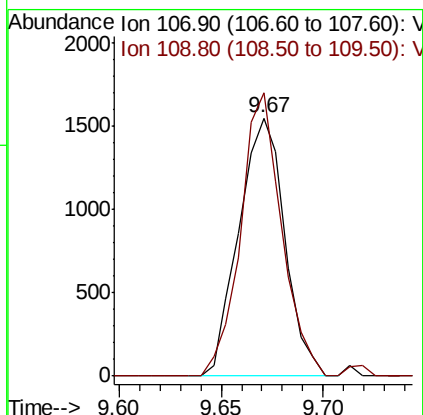
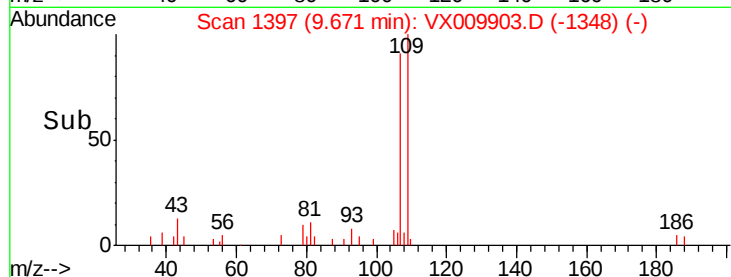
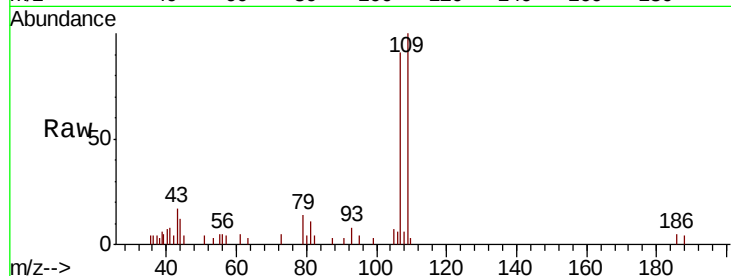
VSTDIC001

Tot Ion:107 Resp: 2421

Ion Ratio Lower Upper

107 100

109 98.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 1.086 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

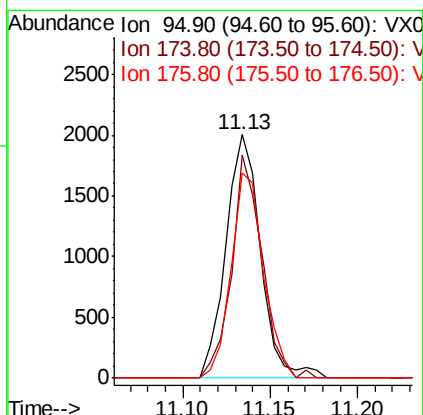
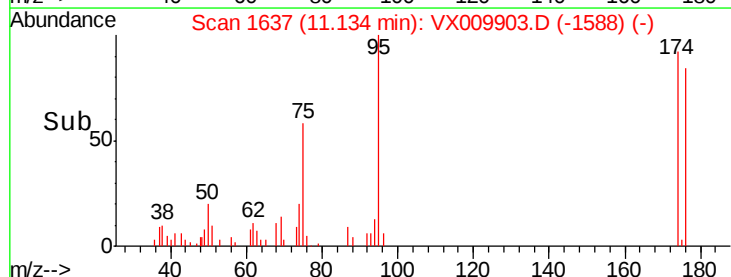
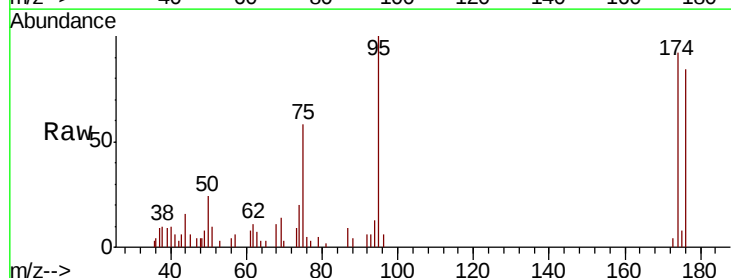
Tgt Ion: 95 Resp: 2766

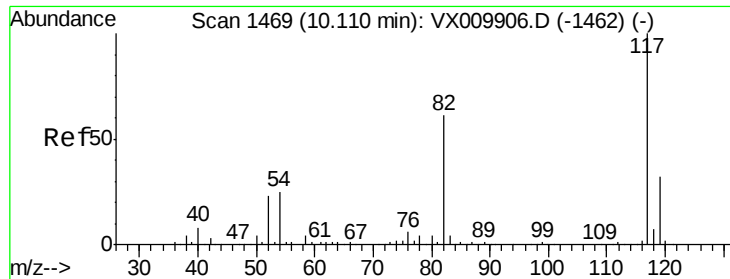
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.4

176 78.8 0.0 154.6

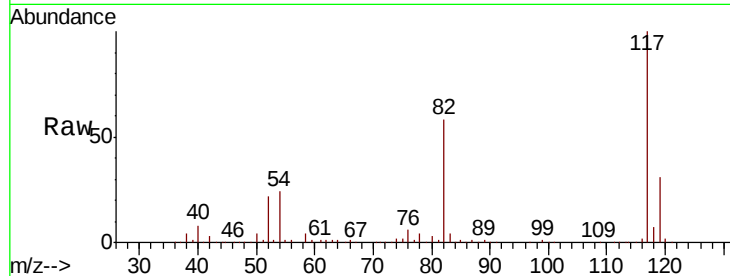




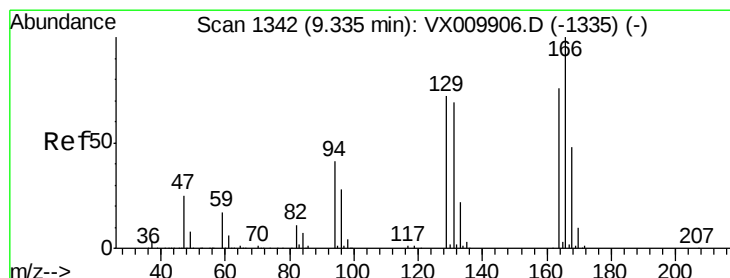
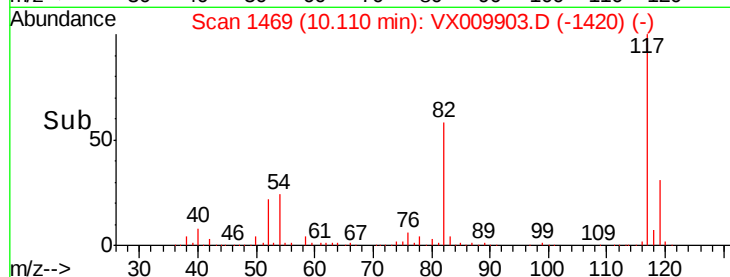
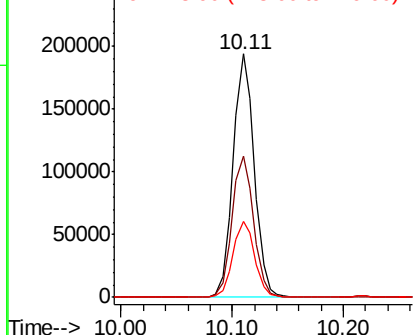
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:117 Resp: 255981
Ion Ratio Lower Upper
117 100
82 57.9 49.2 73.8
119 31.2 25.2 37.8

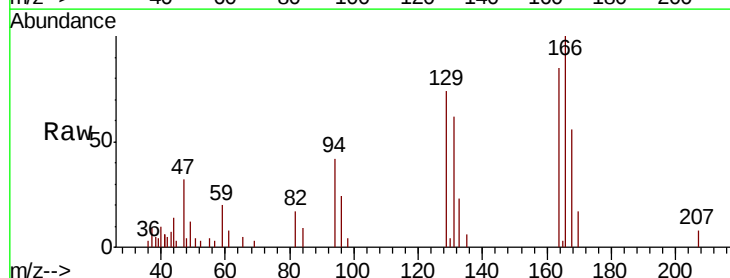


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

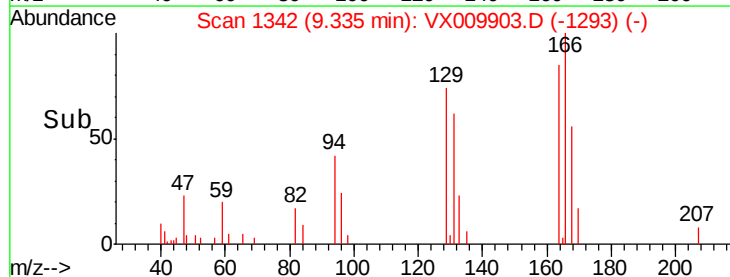
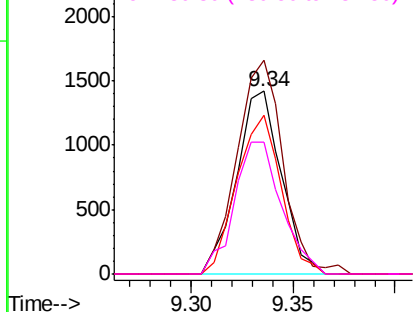


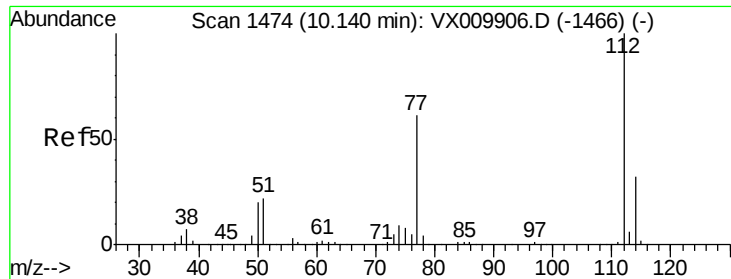
#64
Tetrachloroethene
Concen: 1.220 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion:164 Resp: 2158
Ion Ratio Lower Upper
164 100
166 117.1 105.0 157.4
129 86.9 75.1 112.7
131 72.3 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.175 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

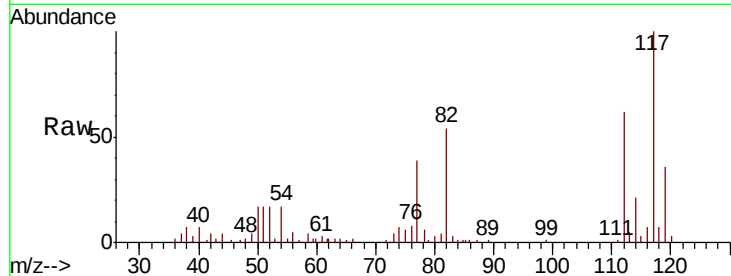
VSTDIC001

Tot Ion:112 Resp: 6056

Ion Ratio Lower Upper

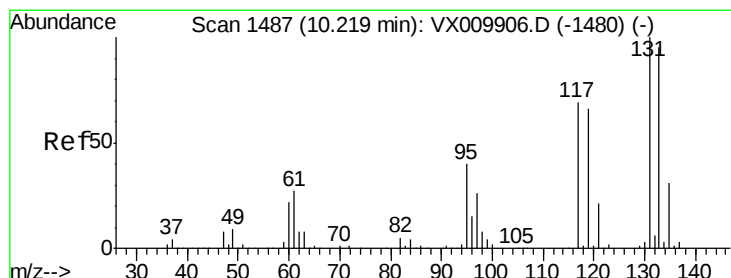
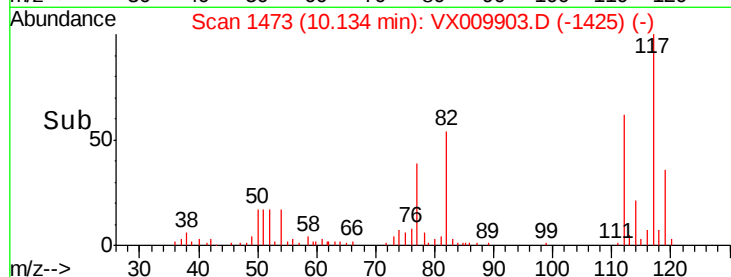
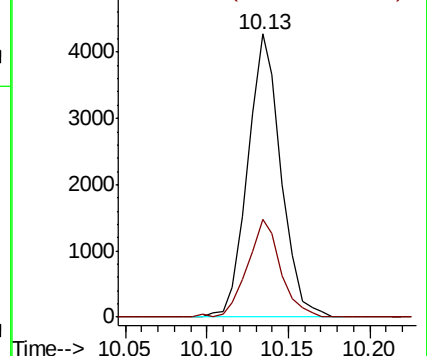
112 100

114 34.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.096 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

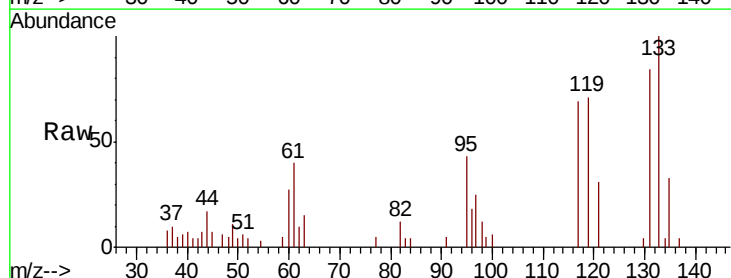
Tgt Ion:131 Resp: 2045

Ion Ratio Lower Upper

131 100

133 96.9 47.5 142.6

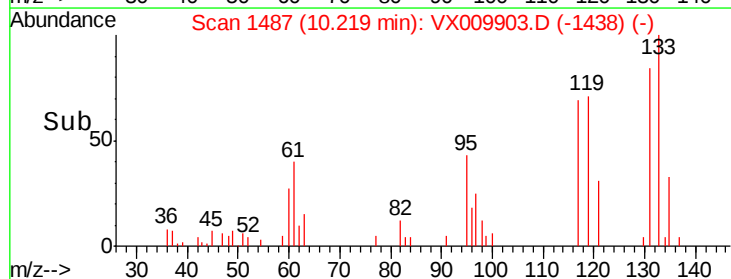
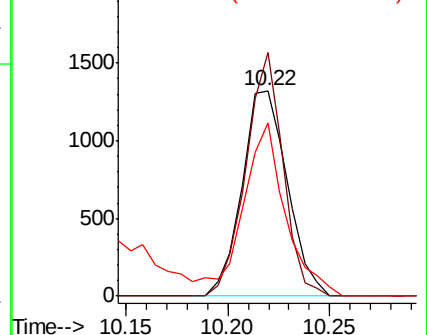
119 0.0 33.4 100.1#

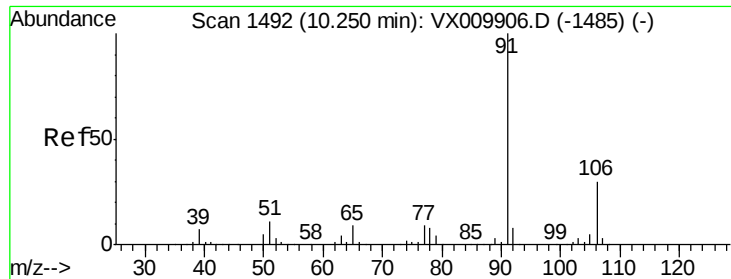


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

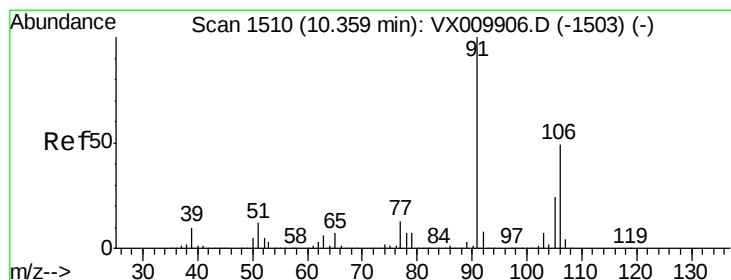
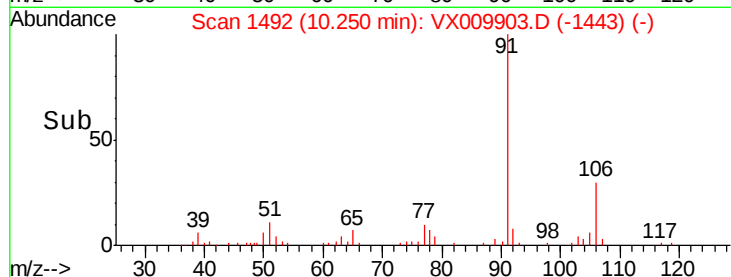
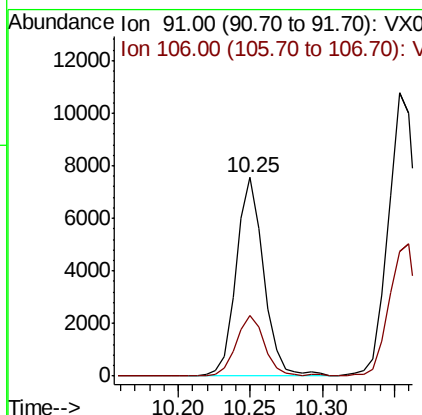
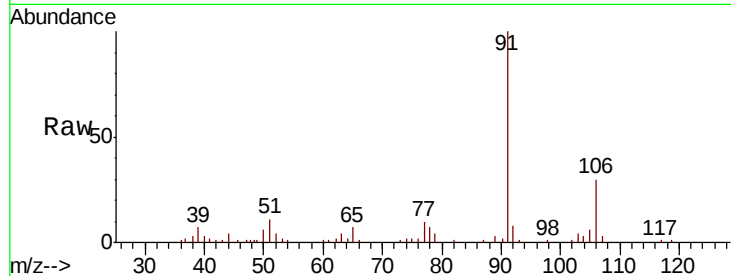




#67
Ethyl Benzene
Concen: 1.062 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

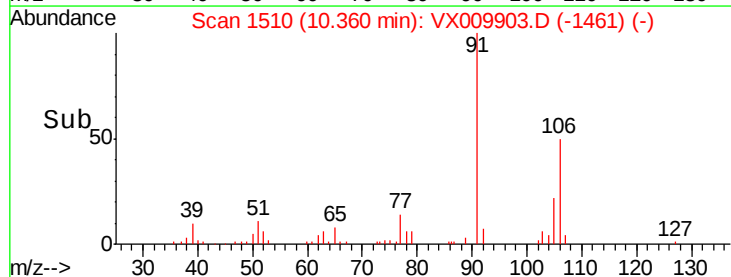
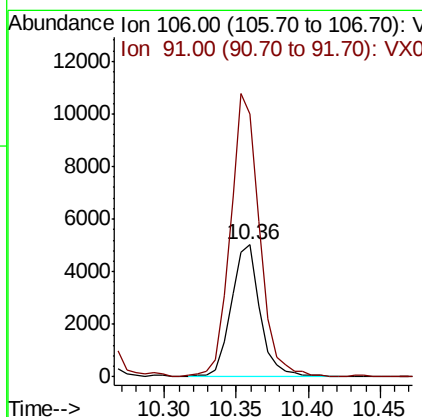
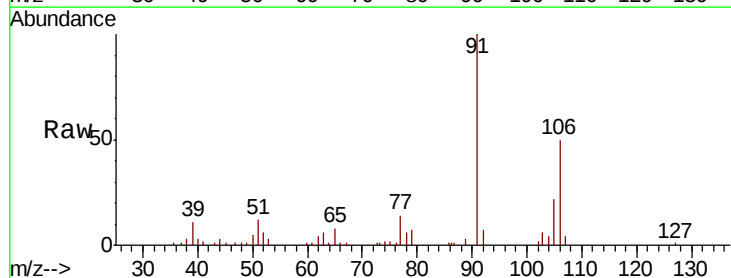
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

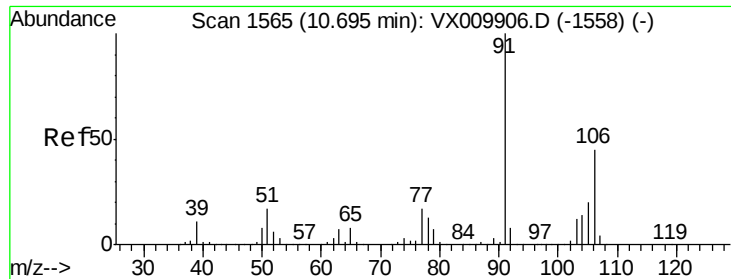
Tot Ion: 91 Resp: 10075
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9



#68
m/p-Xylenes
Concen: 2.030 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 106 Resp: 7045
Ion Ratio Lower Upper
106 100
91 215.8 167.3 250.9

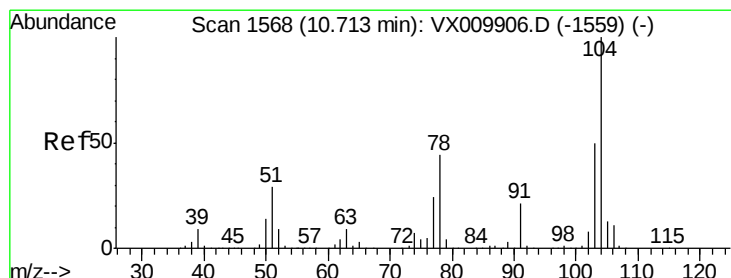
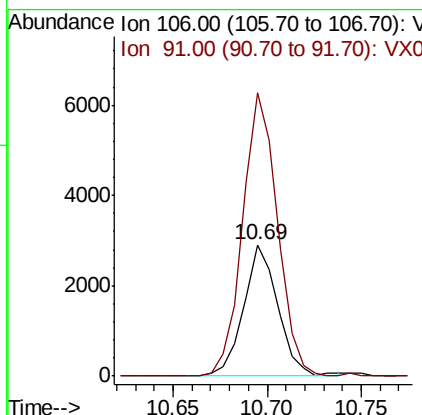
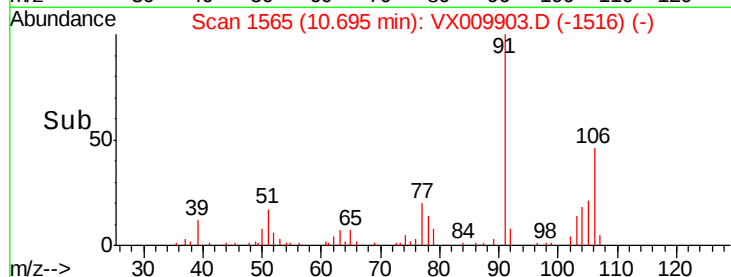
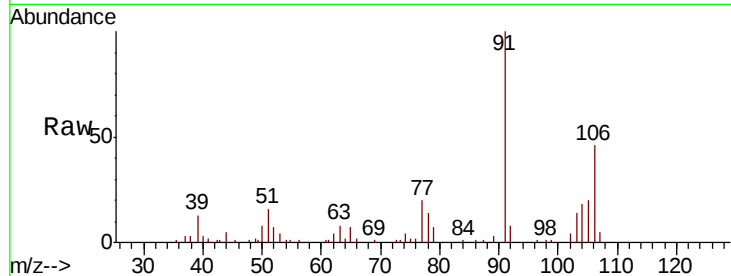




#69
o-Xylene
Concen: 1.075 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

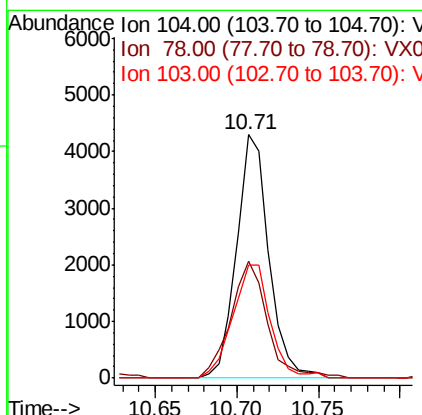
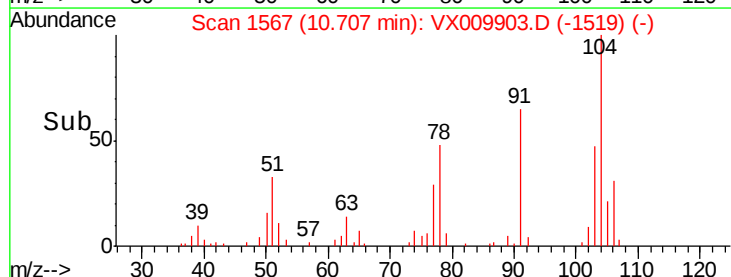
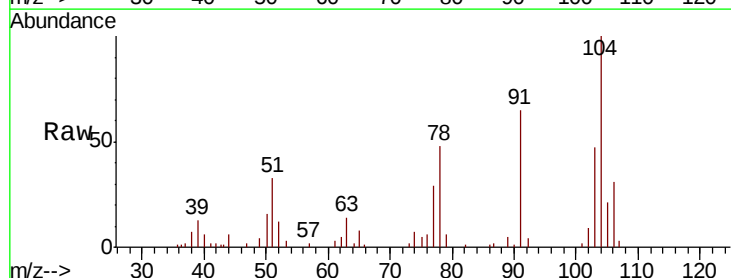
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

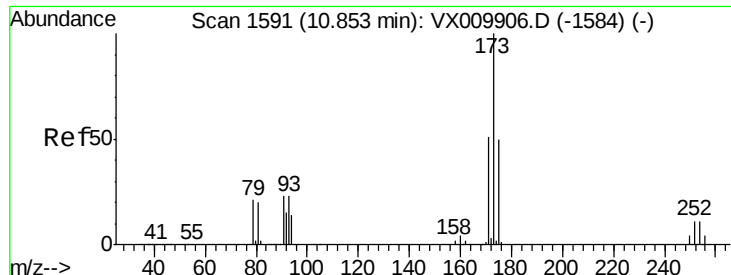
Tot Ion:106 Resp: 3677
Ion Ratio Lower Upper
106 100
91 218.6 110.4 331.2



#70
Styrene
Concen: 1.001 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion:104 Resp: 5939
Ion Ratio Lower Upper
104 100
78 54.4 42.1 63.1
103 54.4 44.1 66.1

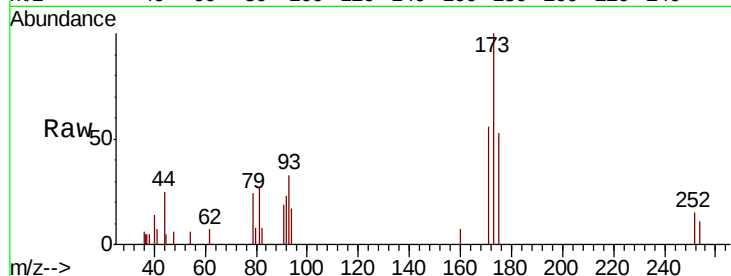




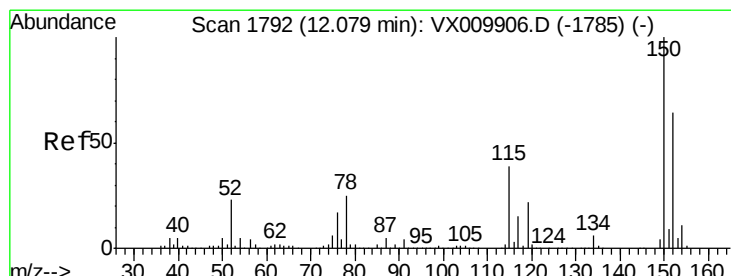
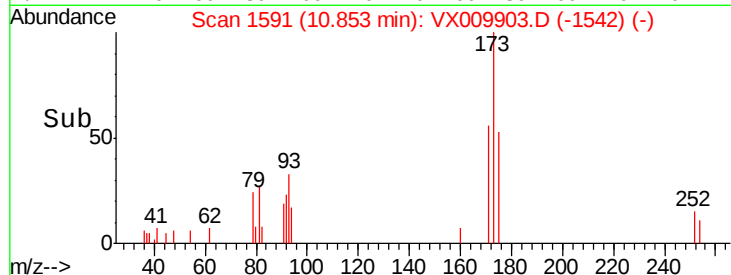
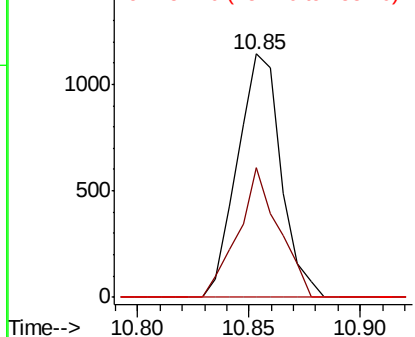
#71
Bromoform
Concen: 1.031 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:173 Resp: 1565
Ion Ratio Lower Upper
173 100
175 49.3 25.0 75.0
254 0.0 0.2 0.2#

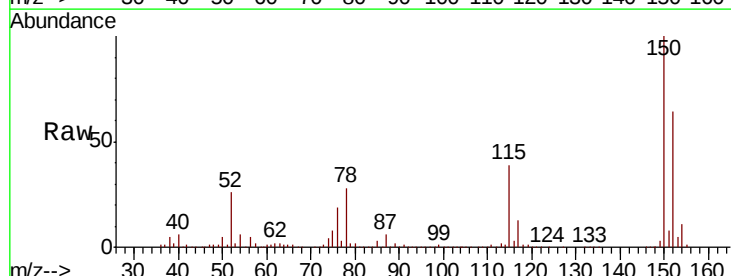


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

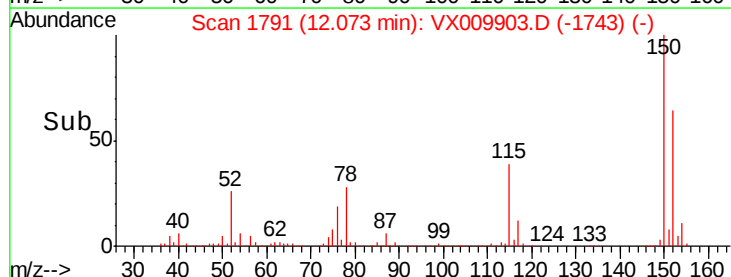
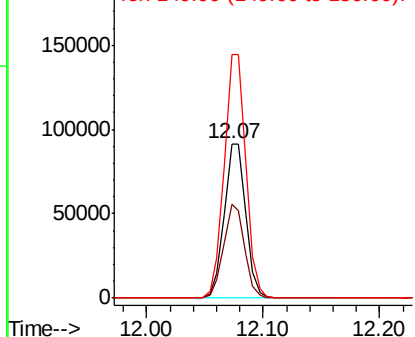


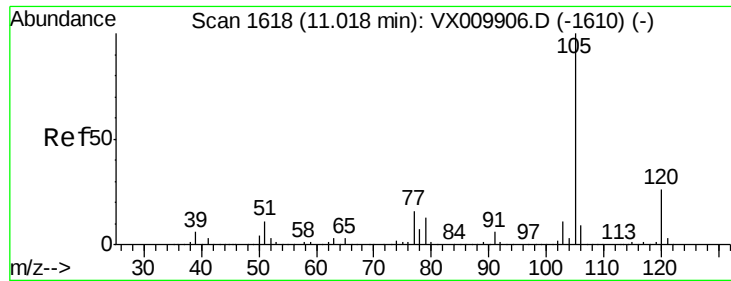
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion:152 Resp: 116876
Ion Ratio Lower Upper
152 100
115 59.4 41.4 124.2
150 158.4 0.0 345.2



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: 1.012 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

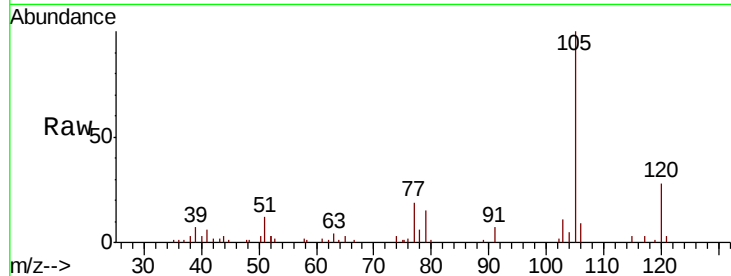
VSTDIC001

Tot Ion:105 Resp: 8656

Ion Ratio Lower Upper

105 100

120 26.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

6000

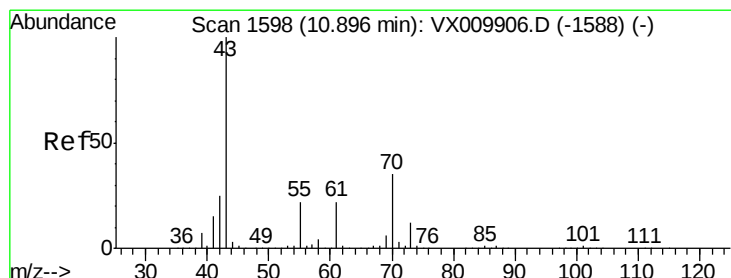
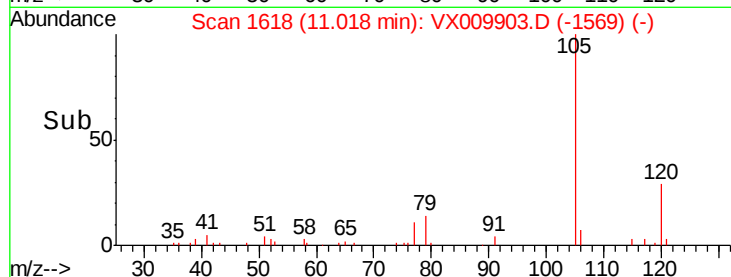
4000

2000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 1.109 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Tgt Ion: 43 Resp: 5547

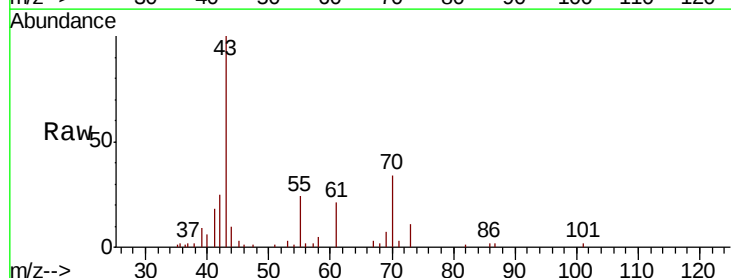
Ion Ratio Lower Upper

43 100

70 35.9 28.6 43.0

55 25.3 17.8 26.8

61 21.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

6000

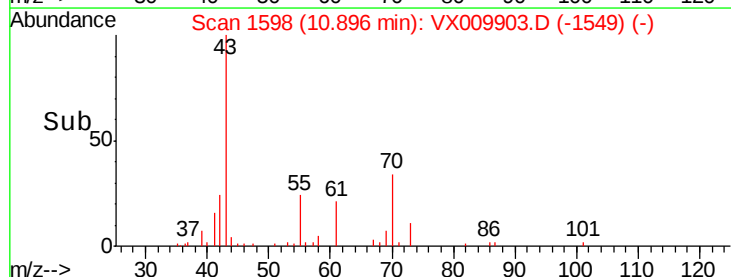
4000

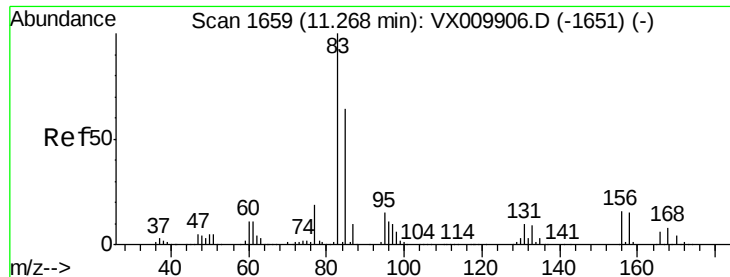
2000

0

10.85 10.90 10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.352 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

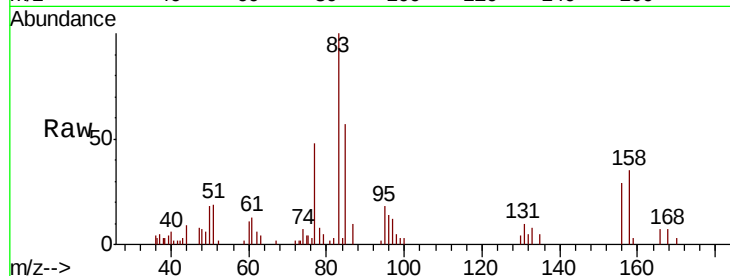
Tot Ion: 83 Resp: 4289

Ion Ratio Lower Upper

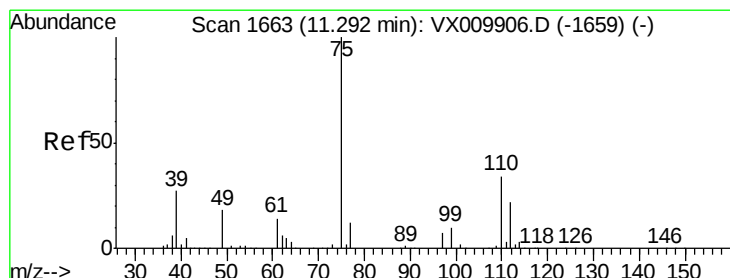
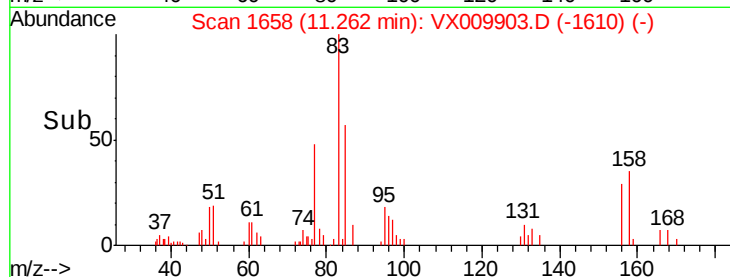
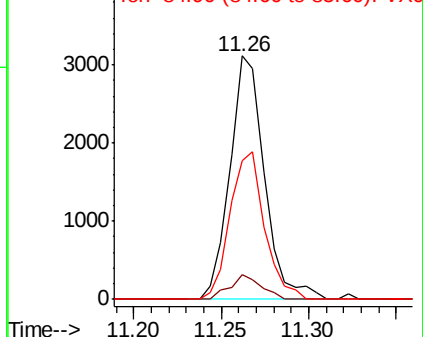
83 100

131 9.0 4.7 14.1

85 60.2 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 1.663 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009903.D

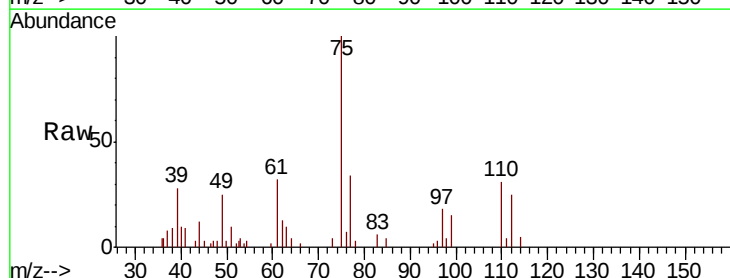
Acq: 28 May 2019 09:57

Tgt Ion: 75 Resp: 4538

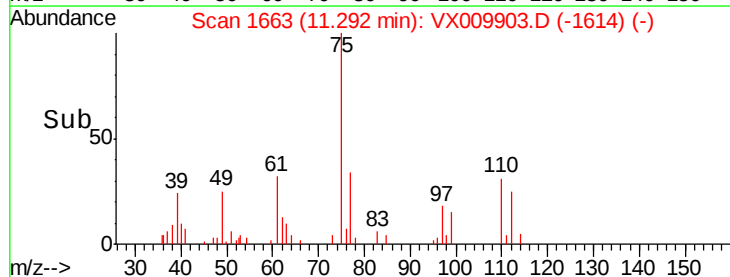
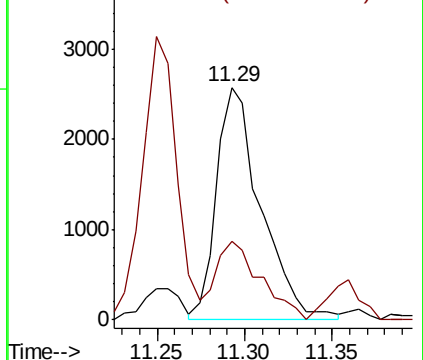
Ion Ratio Lower Upper

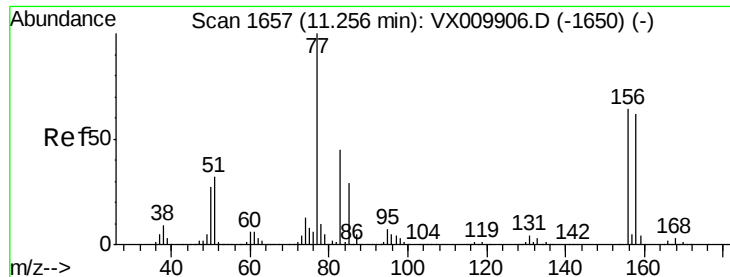
75 100

77 34.1 22.1 66.1



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

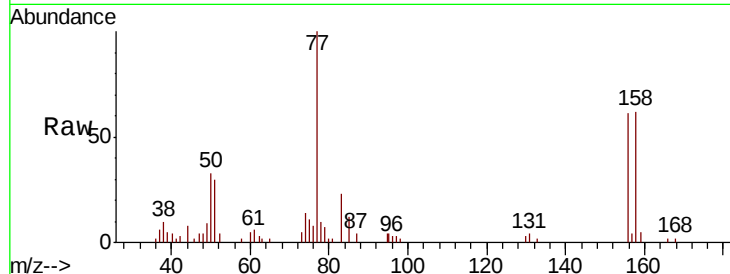




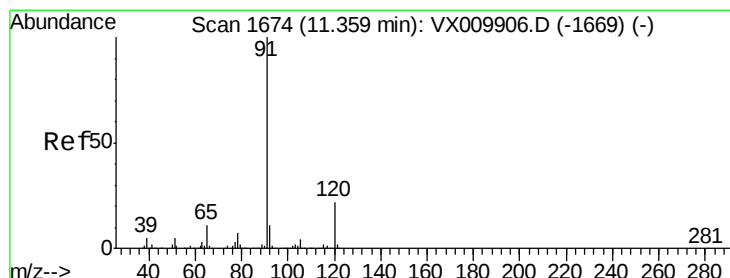
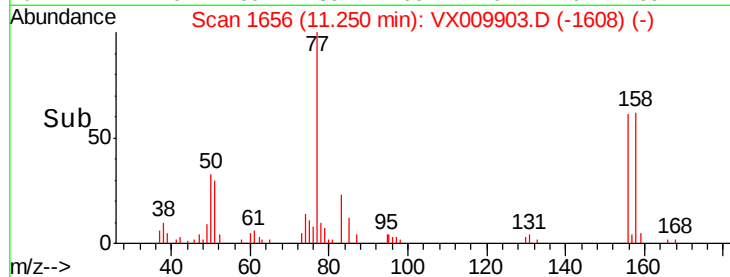
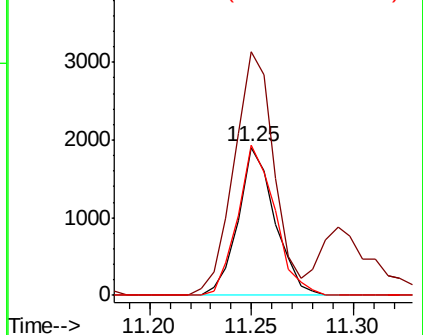
#77
Bromobenzene
Concen: 1.118 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:156 Resp: 2370
Ion Ratio Lower Upper
156 100
77 180.0 86.8 260.3
158 103.2 49.6 148.8

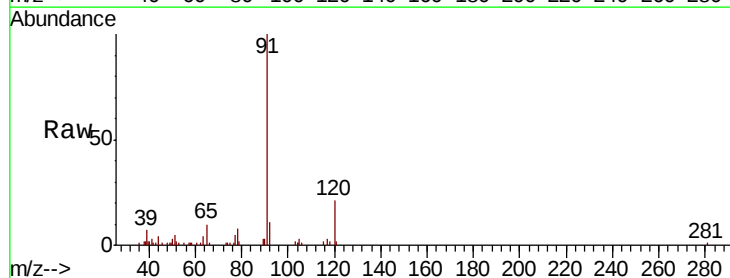


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

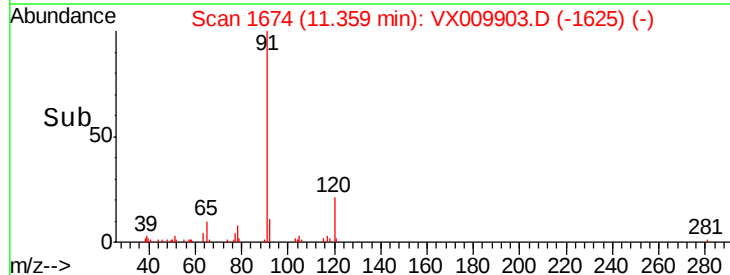
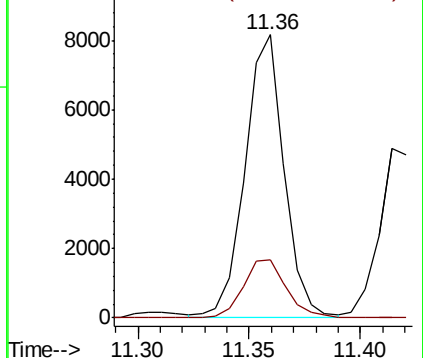


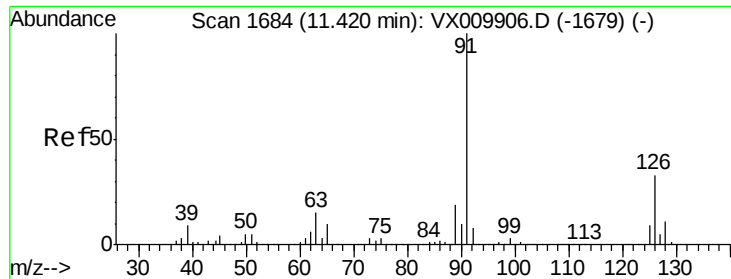
#78
n-propylbenzene
Concen: 1.025 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009903.D
Acq: 28 May 2019 09:57

Tgt Ion: 91 Resp: 10026
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

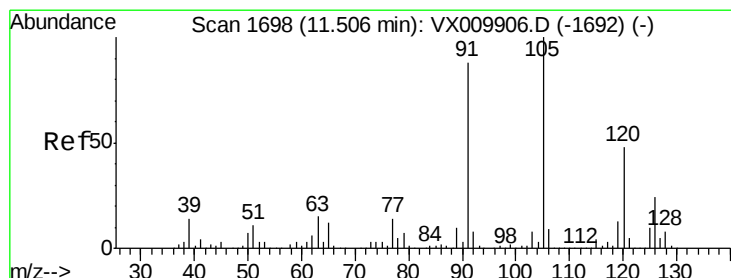
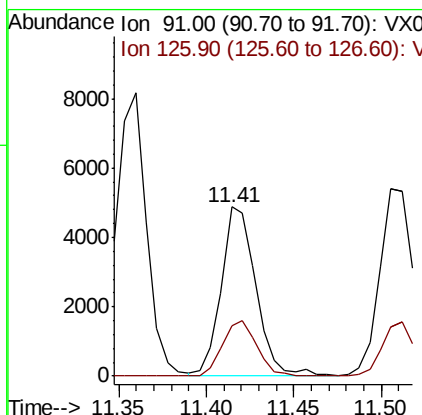
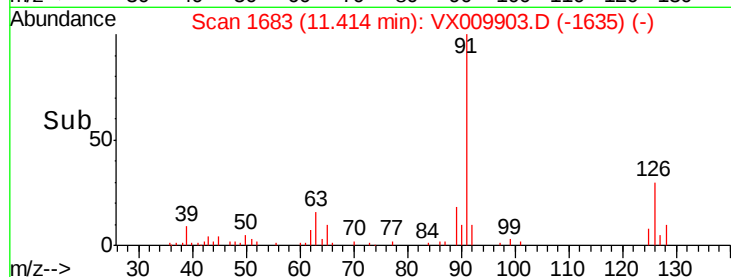
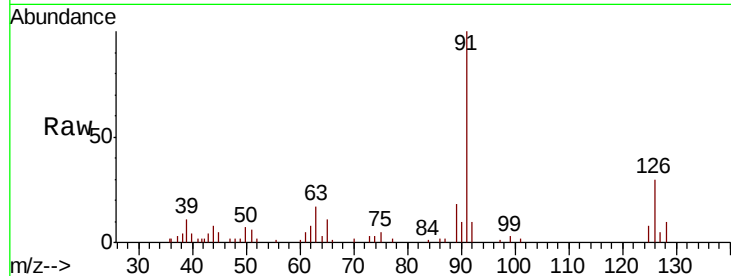




#79
 2-Chlorotoluene
 Concen: 1.122 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

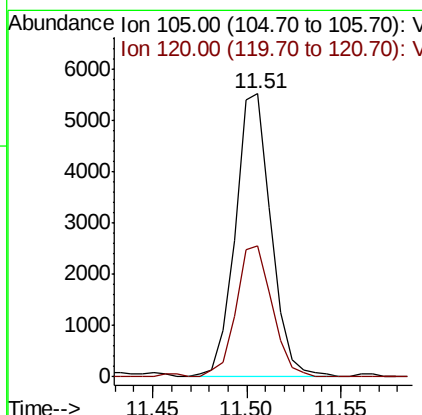
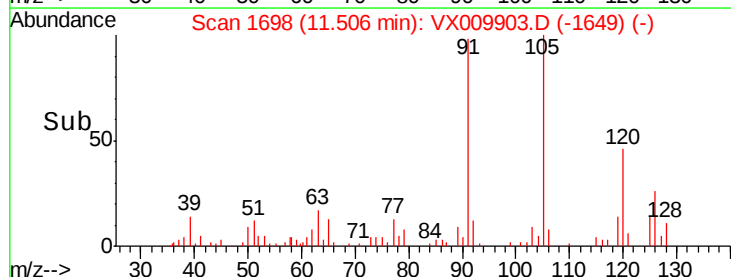
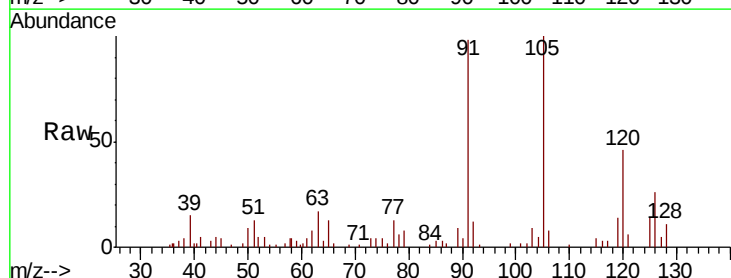
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

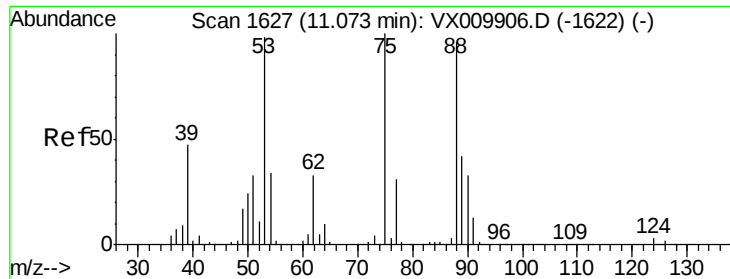
Tot Ion: 91 Resp: 6779
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 1.006 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion: 105 Resp: 7256
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 1.119 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

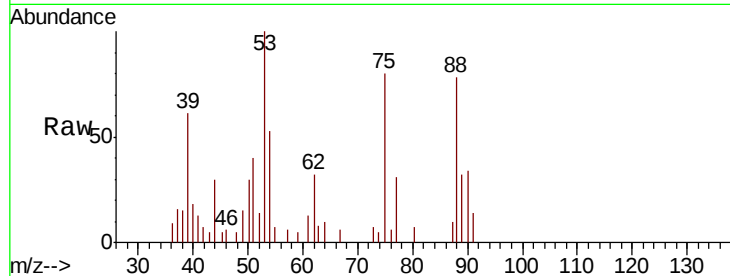
Tot Ion: 75 Resp: 1200

Ion Ratio Lower Upper

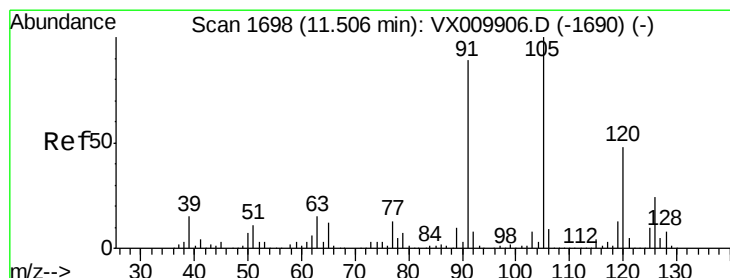
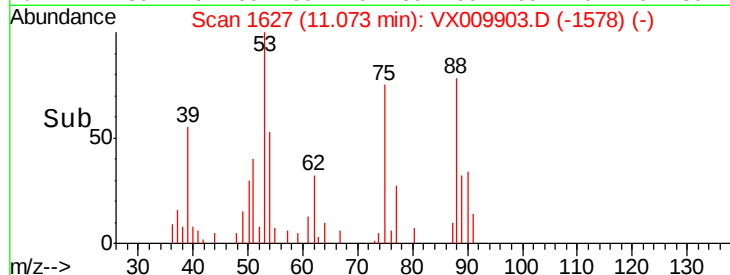
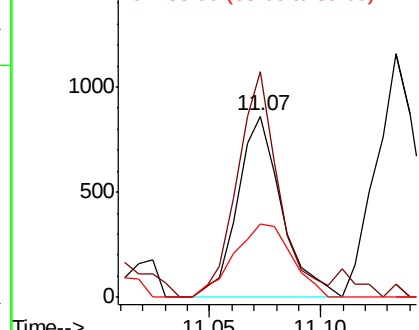
75 100

53 116.1 79.8 119.6

89 52.4 34.2 51.4#



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



#82

4-Chlorotoluene

Concen: 1.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009903.D

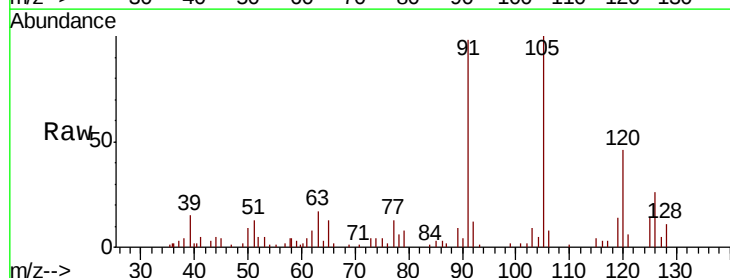
Acq: 28 May 2019 09:57

Tgt Ion: 91 Resp: 7489

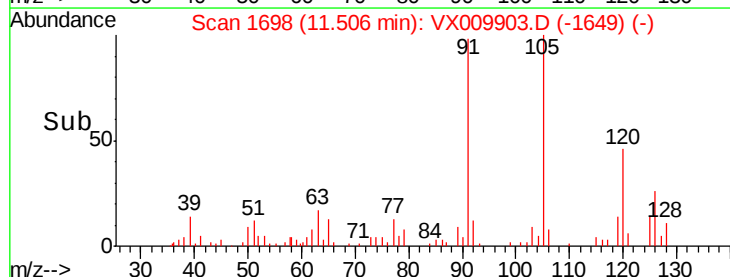
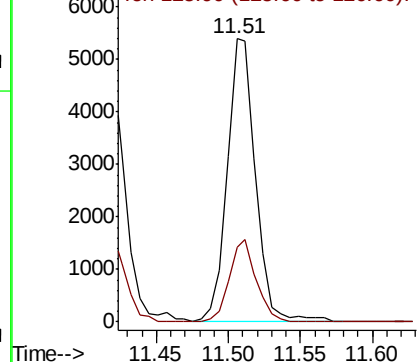
Ion Ratio Lower Upper

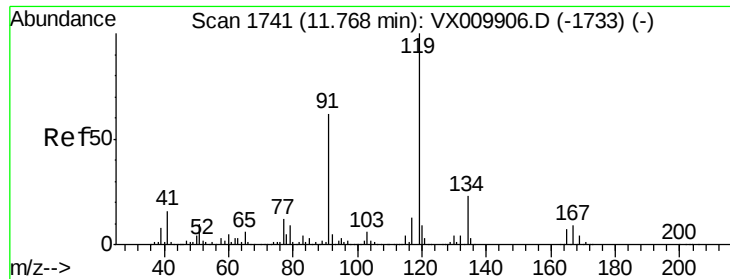
91 100

126 27.5 14.2 42.6



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

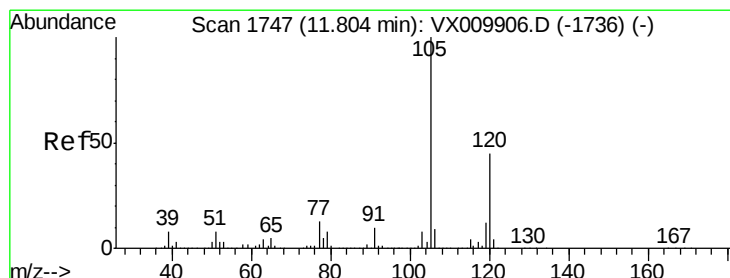
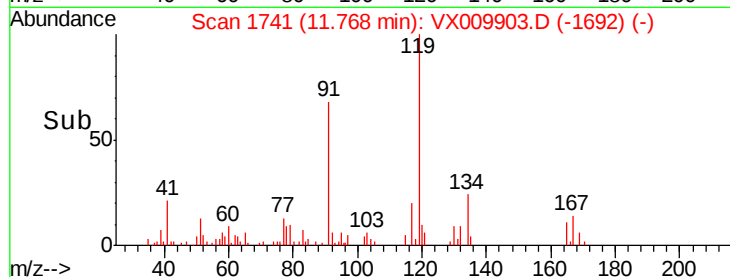
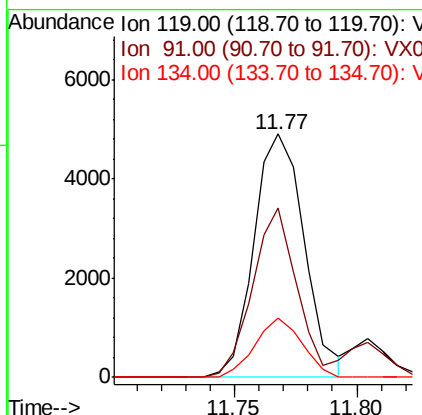
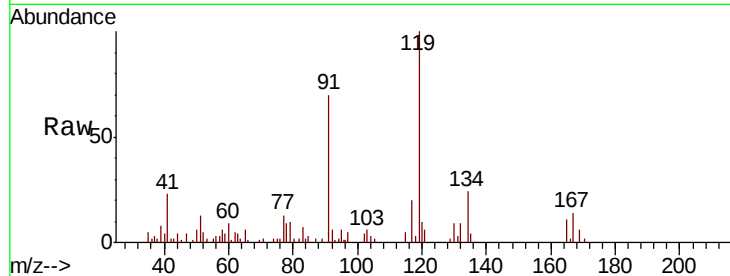




#83
 tert-Butylbenzene
 Concen: 0.999 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

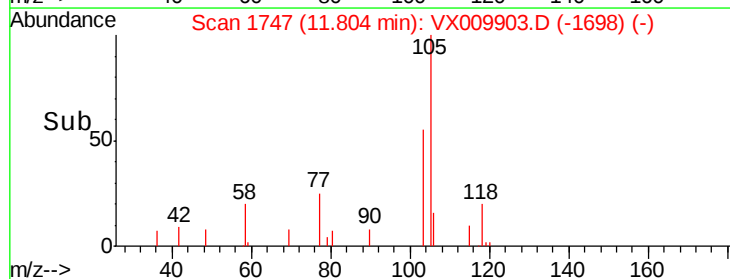
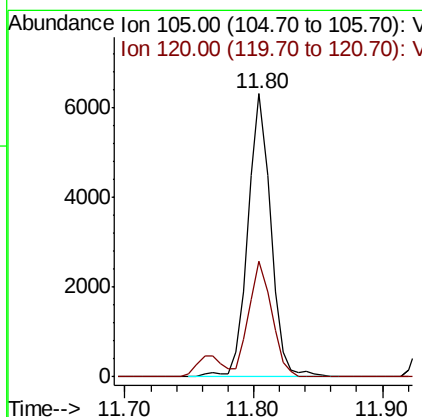
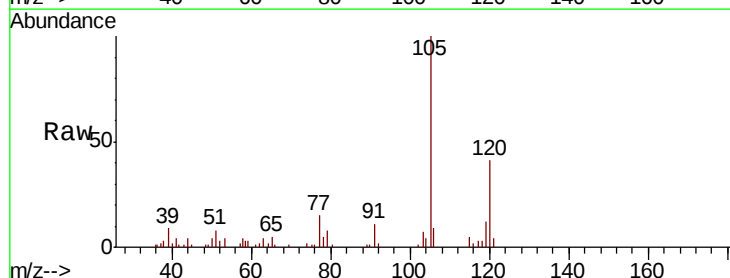
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

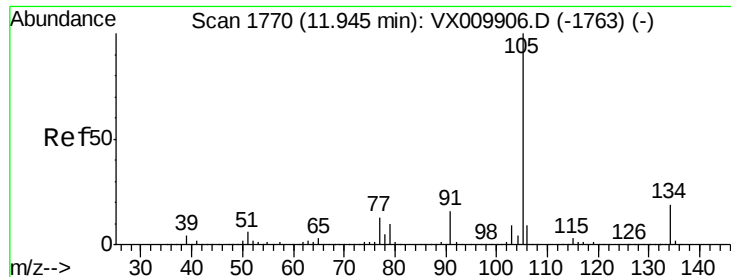
Tot Ion:119 Resp: 6994
 Ion Ratio Lower Upper
 119 100
 91 62.5 30.0 90.0
 134 22.6 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 1.058 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion:105 Resp: 7661
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.899 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

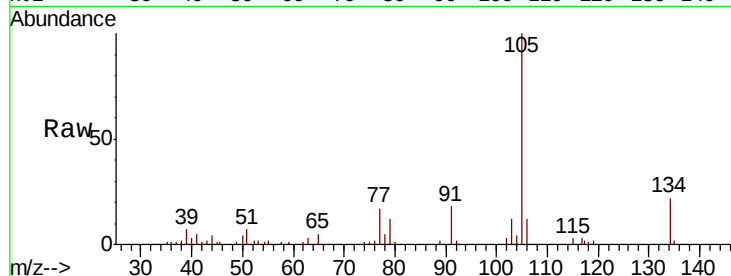
VSTDIC001

Tot Ion:105 Resp: 7463

Ion Ratio Lower Upper

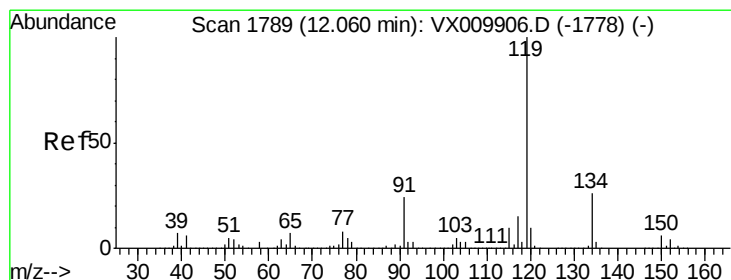
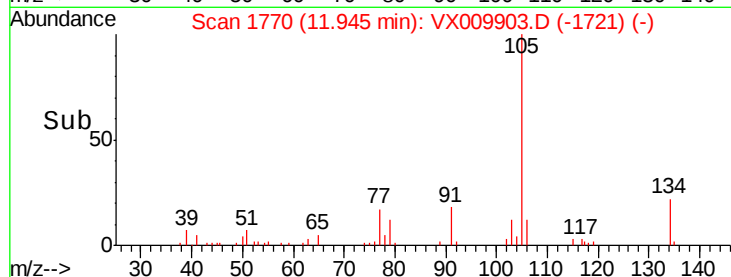
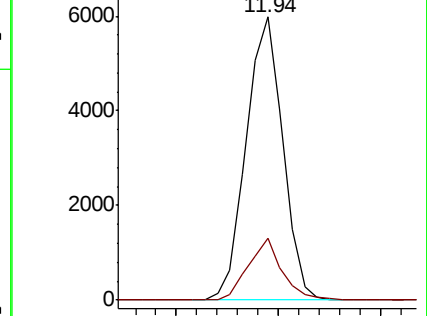
105 100

134 20.2 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: 0.951 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

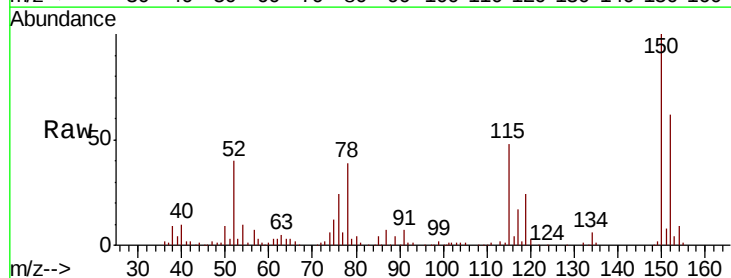
Tgt Ion:119 Resp: 7108

Ion Ratio Lower Upper

119 100

134 29.0 12.9 38.6

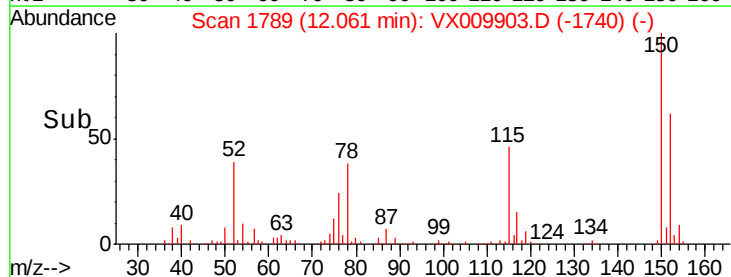
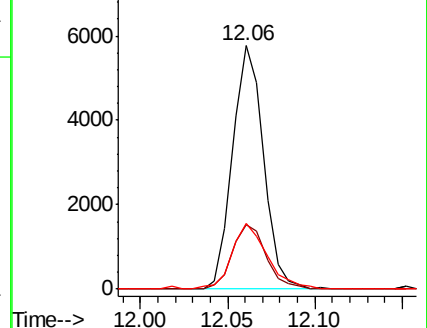
91 30.7 11.9 35.9

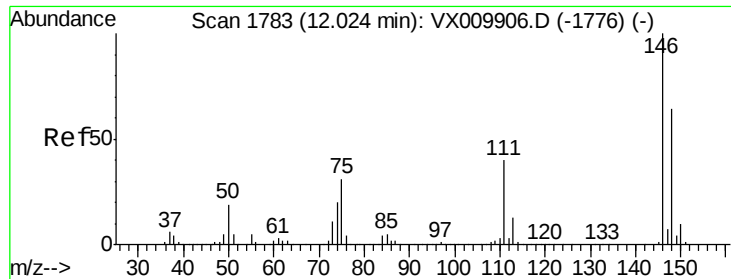


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.149 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

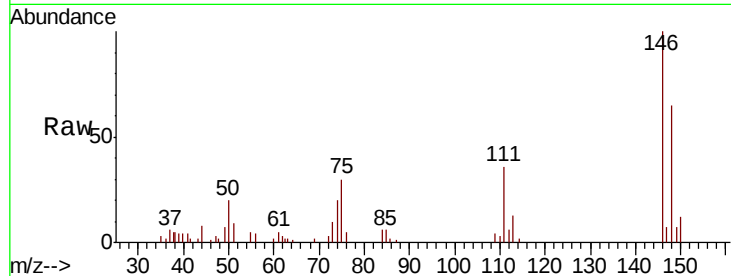
Tot Ion:146 Resp: 4339

Ion Ratio Lower Upper

146 100

111 41.7 20.1 60.2

148 65.9 31.9 95.5

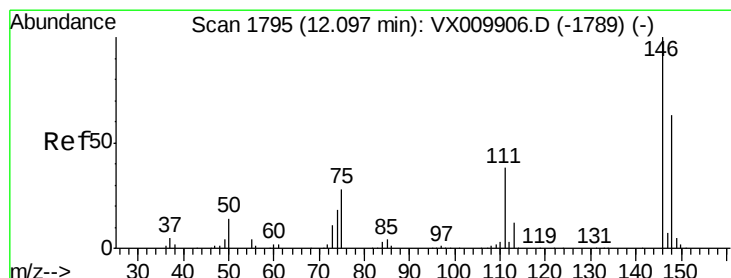
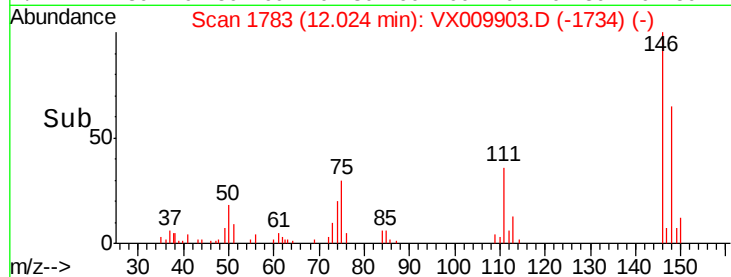
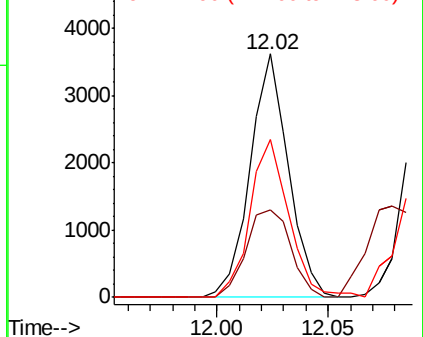


Abundance

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: 1.139 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

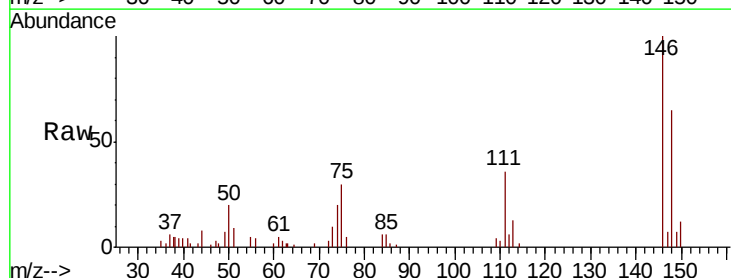
Tgt Ion:146 Resp: 4339

Ion Ratio Lower Upper

146 100

111 41.7 20.0 59.9

148 65.9 32.3 96.9

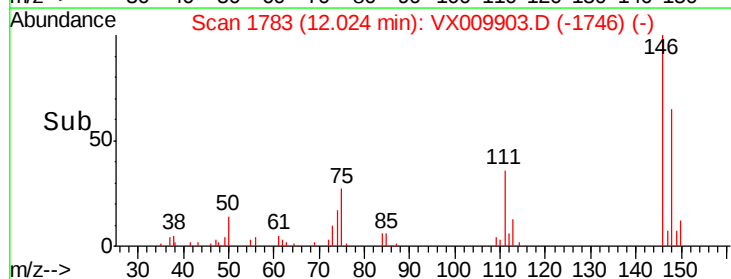
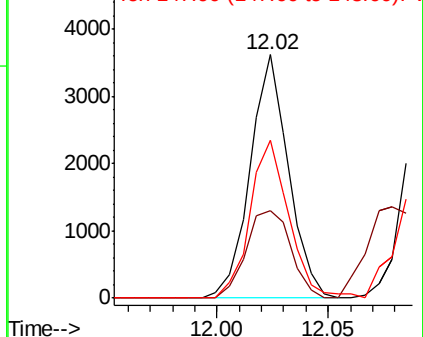


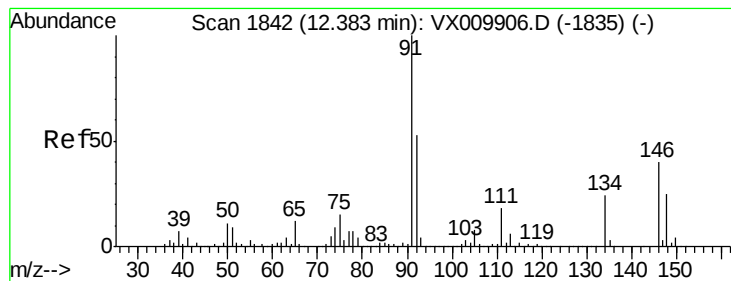
Abundance

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





#89

n-Butylbenzene

Concen: 0.916 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

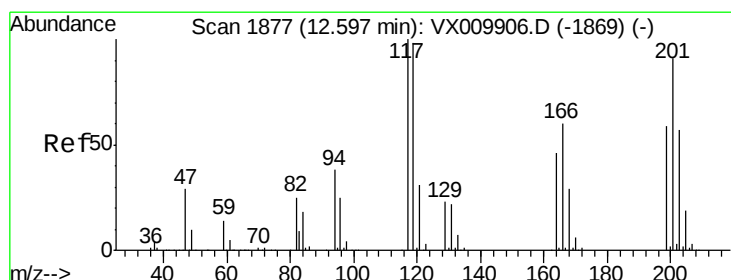
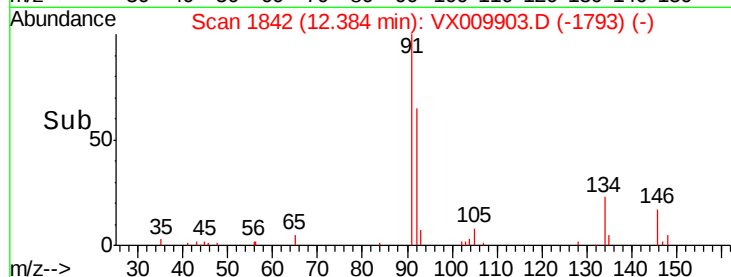
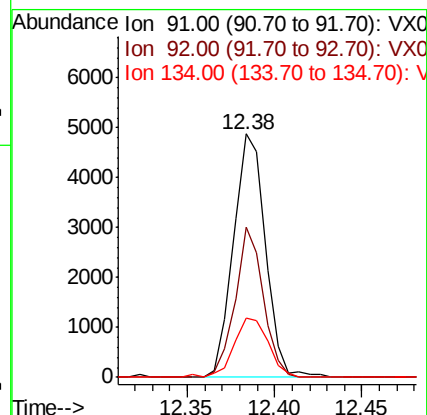
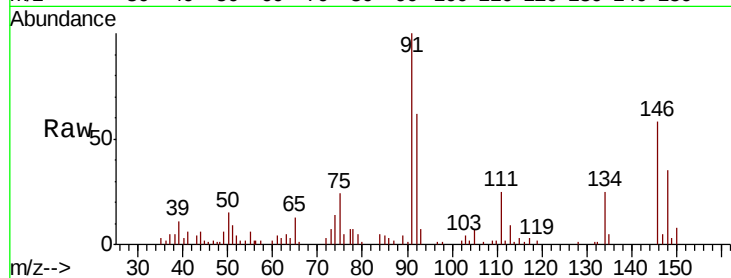
Tot Ion: 91 Resp: 6215

Ion Ratio Lower Upper

91 100

92 54.1 26.3 78.8

134 26.1 12.3 36.8



#90

Hexachloroethane

Concen: 1.082 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009903.D

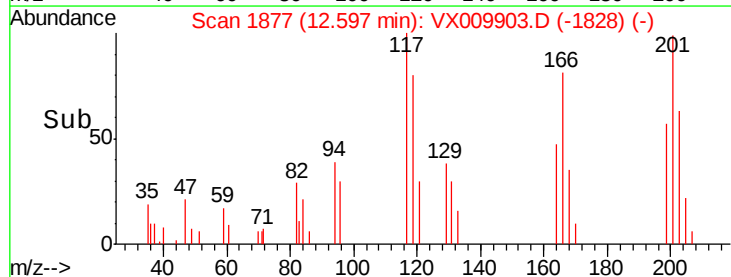
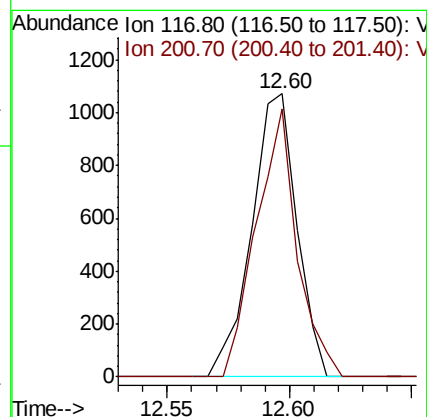
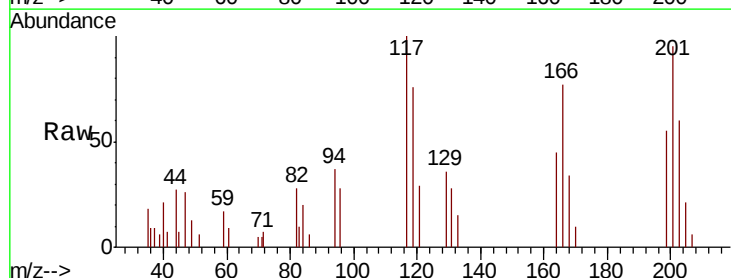
Acq: 28 May 2019 09:57

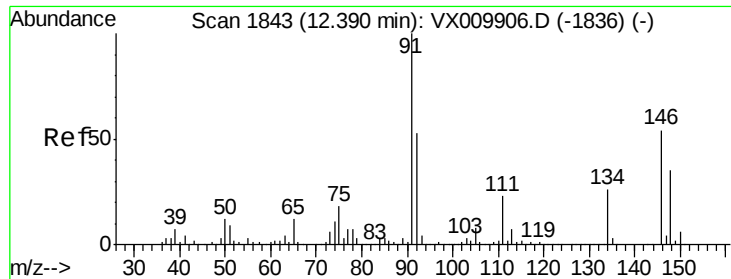
Tgt Ion: 117 Resp: 1375

Ion Ratio Lower Upper

117 100

201 85.5 43.6 130.9

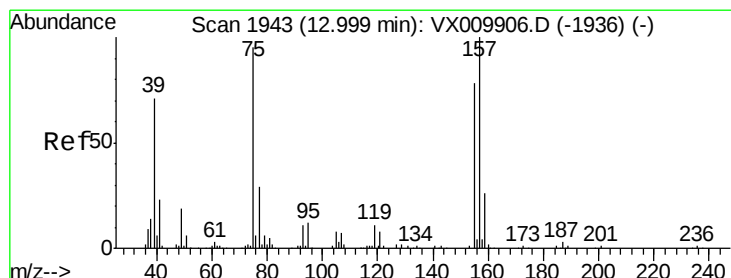
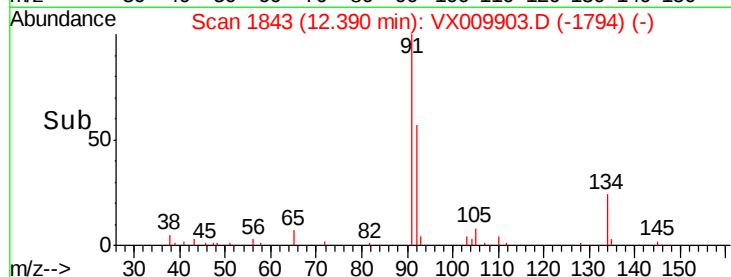
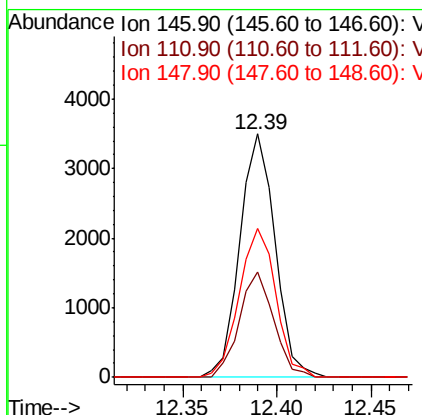
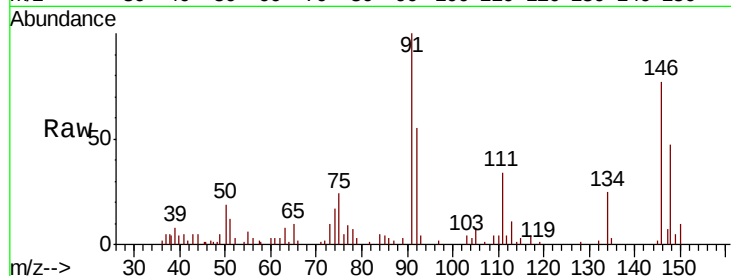




#91
 1,2-Dichlorobenzene
 Concen: 1.187 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

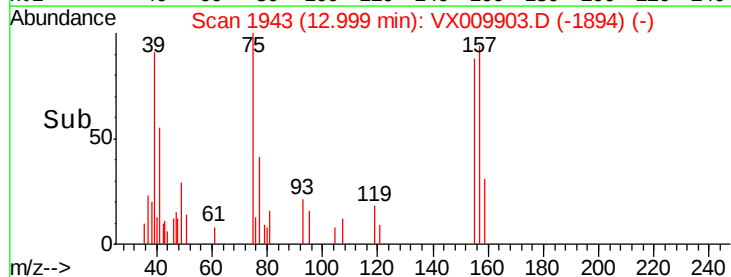
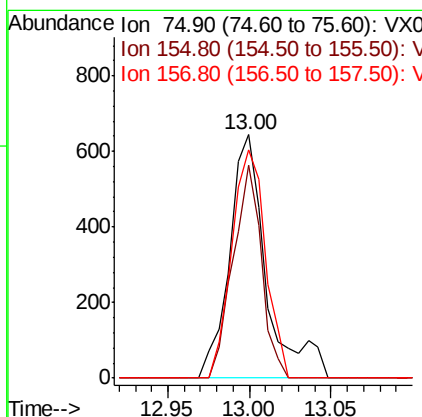
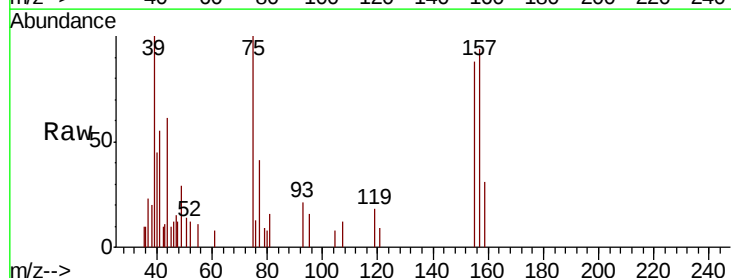
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

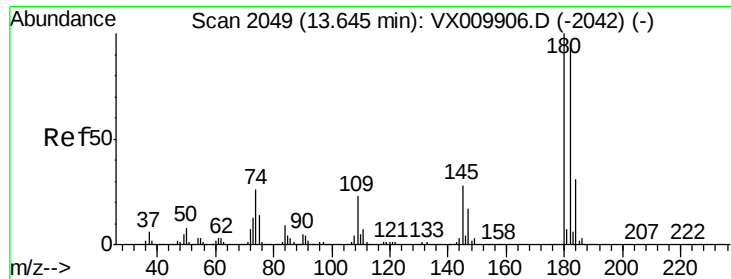
Tot Ion:146 Resp: 4551
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.416 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion: 75 Resp: 1008
 Ion Ratio Lower Upper
 75 100
 155 67.9 39.3 117.8
 157 86.0 50.6 151.8

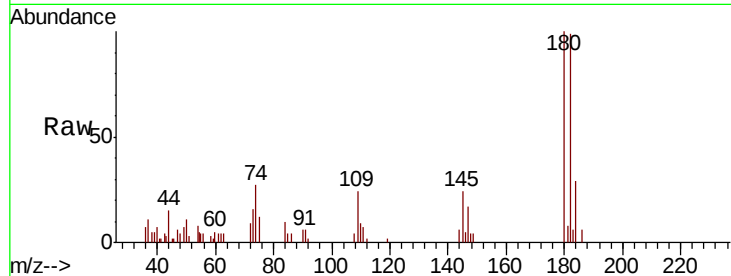




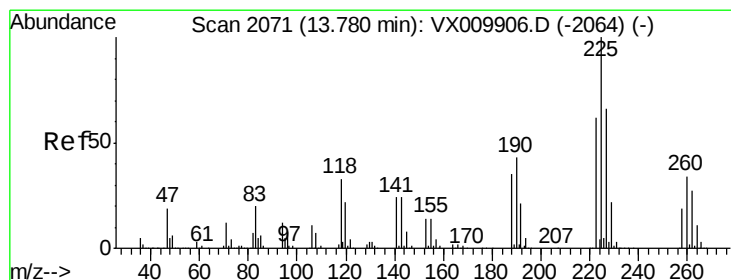
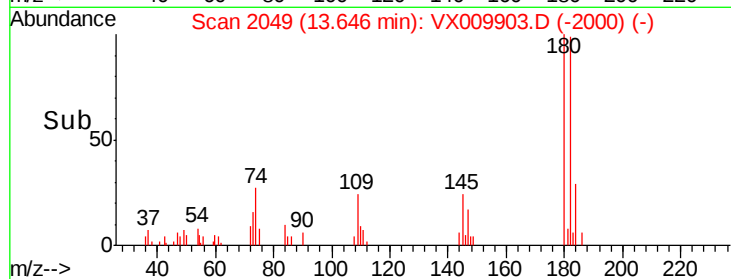
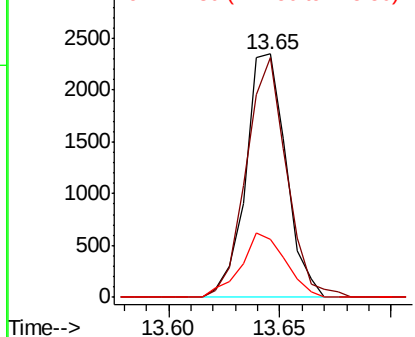
#93
 1,2,4-Trichlorobenzene
 Concen: 1.127 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 2963
 Ion Ratio Lower Upper
 180 100
 182 98.1 47.4 142.2
 145 29.3 14.5 43.5

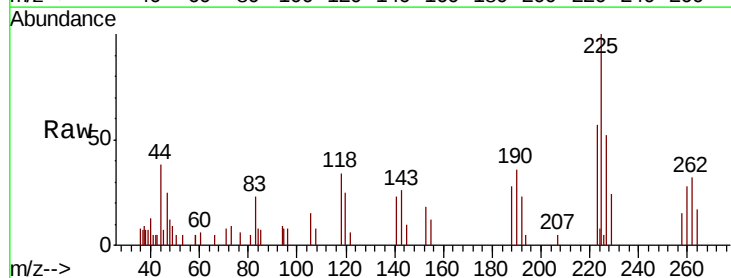


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

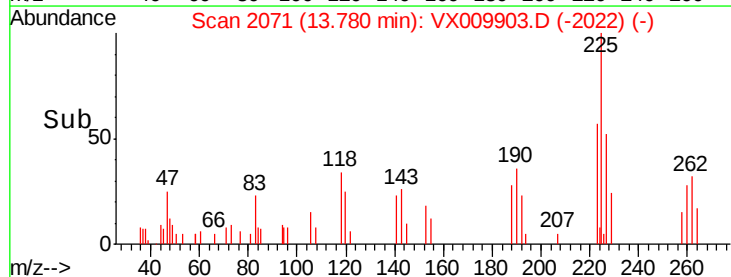
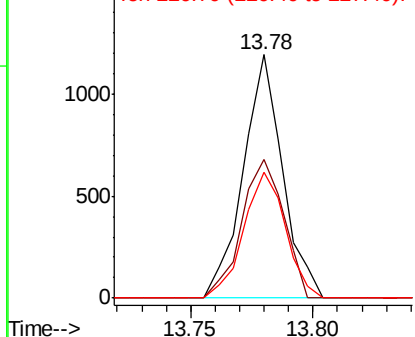


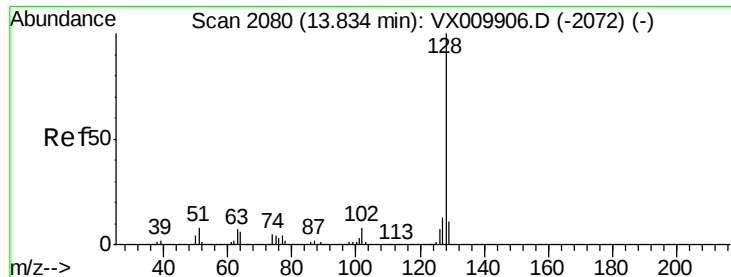
#94
 Hexachlorobutadiene
 Concen: 0.994 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009903.D
 Acq: 28 May 2019 09:57

Tgt Ion:225 Resp: 1338
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.3 93.8
 227 54.9 32.3 96.8



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: 0.969 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

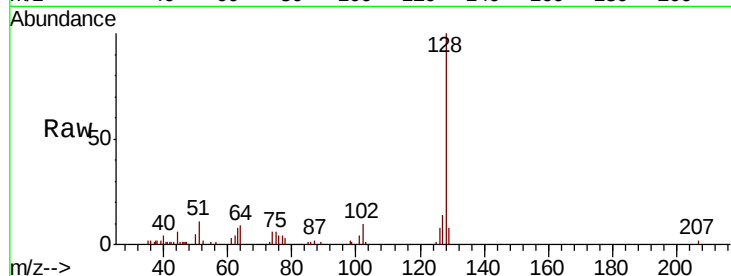
Tot Ion:128 Resp: 8233

Ion Ratio Lower Upper

128 100

127 14.4 10.6 16.0

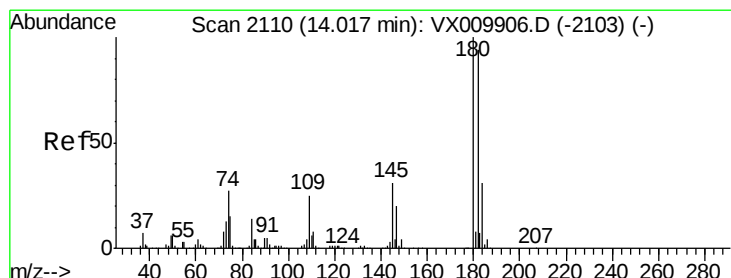
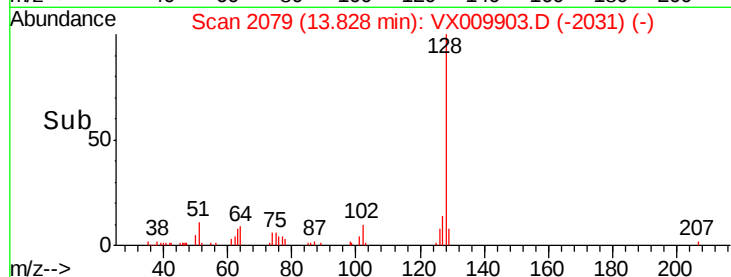
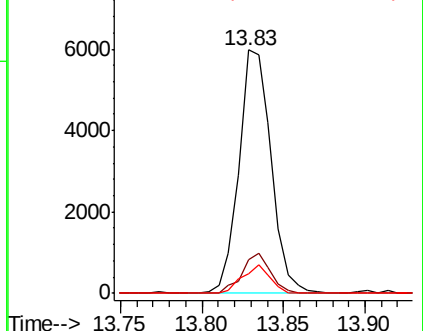
129 9.9 8.8 13.2



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: 1.060 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009903.D

Acq: 28 May 2019 09:57

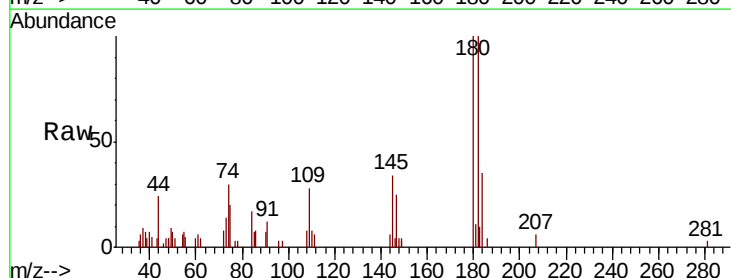
Tgt Ion:180 Resp: 2820

Ion Ratio Lower Upper

180 100

182 96.0 47.3 142.0

145 34.6 15.6 46.7



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

