

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009904.D
 Acq On : 28 May 2019 10:20
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 29 03:44:36 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	5.66	168	169913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	13108	5.70	ug/l	0.00
Spiked Amount			Recovery	=	11.40%	
35) Dibromofluoromethane	5.50	113	9280	5.49	ug/l	0.00
Spiked Amount			Recovery	=	10.98%	
50) Toluene-d8	8.71	98	36462	5.33	ug/l	0.00
Spiked Amount			Recovery	=	10.66%	
62) 4-Bromofluorobenzene	11.13	95	12207	4.90	ug/l	0.00
Spiked Amount			Recovery	=	9.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	8498	5.019	ug/l	97
3) Chloromethane	1.32	50	12950	5.770	ug/l	97
4) Vinyl Chloride	1.41	62	11736	5.420	ug/l	98
5) Bromomethane	1.64	94	7621	5.873	ug/l	97
6) Chloroethane	1.71	64	7439	5.438	ug/l	97
7) Trichlorofluoromethane	1.92	101	13296	5.133	ug/l	99
8) Diethyl Ether	2.19	74	6614	5.455	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8502	5.288	ug/l	99
10) Methyl Iodide	2.51	142	6423	3.768	ug/l	96
11) Tert butyl alcohol	3.06	59	15687	28.854	ug/l	96
12) 1,1-Dichloroethene	2.37	96	8430	5.236	ug/l	99
13) Acrolein	2.29	56	4795	10.123	ug/l	86
14) Allyl chloride	2.73	41	20467	5.184	ug/l	98
15) Acrylonitrile	3.14	53	35034	26.400	ug/l	100
16) Acetone	2.45	43	32698	25.791	ug/l	99
17) Carbon Disulfide	2.57	76	24814	5.417	ug/l	100
18) Methyl Acetate	2.78	43	15257	5.110	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	32066	5.151	ug/l	98
20) Methylene Chloride	2.85	84	10621	5.233	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	9354	5.371	ug/l	97
22) Diisopropyl ether	3.85	45	39781	5.266	ug/l	98
23) Vinyl Acetate	3.82	43	171546	26.403	ug/l	99
24) 1,1-Dichloroethane	3.70	63	19319	5.197	ug/l	97
25) 2-Butanone	4.68	43	52088	26.495	ug/l	99
26) 2,2-Dichloropropane	4.59	77	14802	5.344	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	10640	5.134	ug/l	98
28) Bromochloromethane	5.02	49	10108	6.001	ug/l	98
29) Tetrahydrofuran	5.13	42	33383	26.447	ug/l	98
30) Chloroform	5.21	83	17526	5.224	ug/l	94
31) Cyclohexane	5.58	56	18611	5.316	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	14220	5.080	ug/l	96
36) 1,1-Dichloropropene	5.80	75	13778	5.402	ug/l	99
37) Ethyl Acetate	4.84	43	18677	5.222	ug/l #	94
38) Carbon Tetrachloride	5.78	117	12185	5.261	ug/l	96

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 Data File : VX009904.D
 Acq On : 28 May 2019 10:20
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 29 03:44:36 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	16586	5.279	ug/l	98
40) Benzene	6.14	78	41789	5.307	ug/l	99
41) Methacrylonitrile	5.04	41	10661	5.036	ug/l	97
42) 1,2-Dichloroethane	6.19	62	15519	5.473	ug/l	97
43) Isopropyl Acetate	6.45	43	30557	5.359	ug/l	98
44) Trichloroethene	7.21	130	9702	5.104	ug/l	97
45) 1,2-Dichloropropane	7.51	63	11810	5.298	ug/l	99
46) Dibromomethane	7.66	93	6699	5.178	ug/l	97
47) Bromodichloromethane	7.90	83	12732	4.943	ug/l	98
48) Methyl methacrylate	7.77	41	14603	5.145	ug/l	100
49) 1,4-Dioxane	7.74	88	5855	103.096	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	101545	27.178	ug/l	98
52) Toluene	8.78	92	25152	5.254	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	14213	4.848	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	16362	5.062	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	9829	5.058	ug/l	95
56) Ethyl methacrylate	9.18	69	17151	4.909	ug/l	99
57) 1,3-Dichloropropane	9.37	76	18034	5.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	45766	24.953	ug/l	98
59) 2-Hexanone	9.49	43	78950	26.929	ug/l	97
60) Dibromochloromethane	9.58	129	9438	4.954	ug/l	100
61) 1,2-Dibromoethane	9.67	107	9983	5.081	ug/l	99
64) Tetrachloroethene	9.34	164	8614	5.101	ug/l	93
65) Chlorobenzene	10.13	112	25840	5.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	8788	4.937	ug/l	98
67) Ethyl Benzene	10.25	91	46228	5.107	ug/l	99
68) m/p-Xylenes	10.36	106	33486	10.114	ug/l	98
69) o-Xylene	10.69	106	16076	4.924	ug/l	95
70) Styrene	10.71	104	27821	4.916	ug/l	100
71) Bromoform	10.85	173	7025	4.849	ug/l #	98
73) Isopropylbenzene	11.02	105	43285	5.090	ug/l	99
74) N-amyl acetate	10.90	43	25104	5.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	16680	5.286	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	19692	7.255	ug/l	81
77) Bromobenzene	11.26	156	10570	5.013	ug/l	99
78) n-propylbenzene	11.36	91	49101	5.046	ug/l	99
79) 2-Chlorotoluene	11.42	91	30677	5.107	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	36779	5.129	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	5212	4.888	ug/l	92
82) 4-Chlorotoluene	11.51	91	35656	5.250	ug/l	99
83) tert-Butylbenzene	11.77	119	35665	5.122	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	37766	5.247	ug/l	97
85) sec-Butylbenzene	11.94	105	41688	5.048	ug/l	100
86) p-Isopropyltoluene	12.06	119	36842	4.957	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	19133	5.093	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	19666	5.190	ug/l	96
89) n-Butylbenzene	12.38	91	32692	4.846	ug/l	100
90) Hexachloroethane	12.60	117	6142	4.859	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	19343	5.072	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3786	5.350	ug/l	94

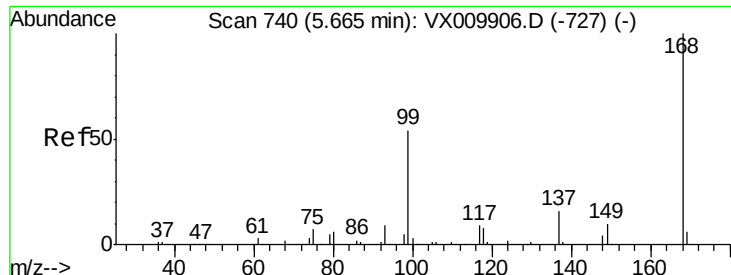
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009904.D
Acq On : 28 May 2019 10:20
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 29 03:44:36 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)
93) 1,2,4-Trichlorobenzene	13.65	180	12502	4.780	ug/l	99
94) Hexachlorobutadiene	13.78	225	6816	5.091	ug/l	97
95) Naphthalene	13.83	128	39014	4.618	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	12791	4.836	ug/l	97

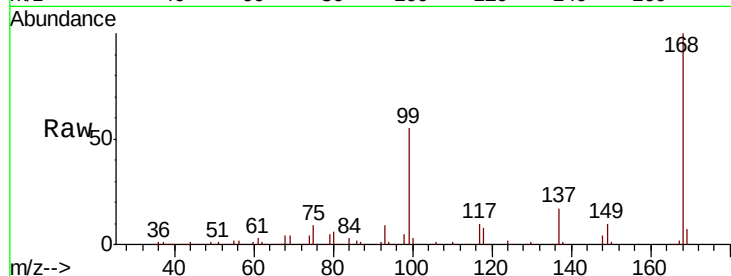
(#) = qualifier out of range (m) = manual integration (+) = signals summed



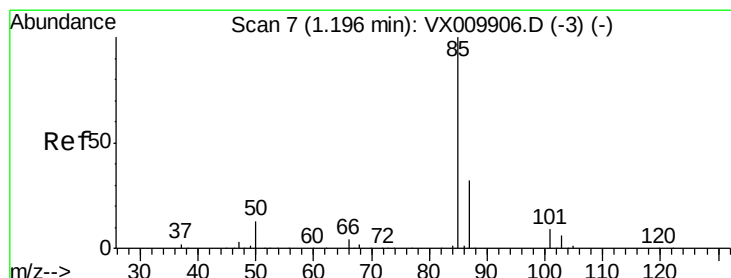
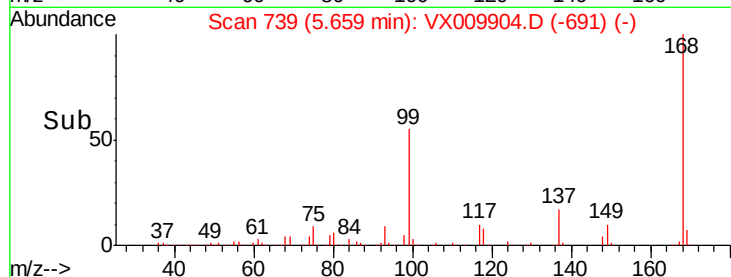
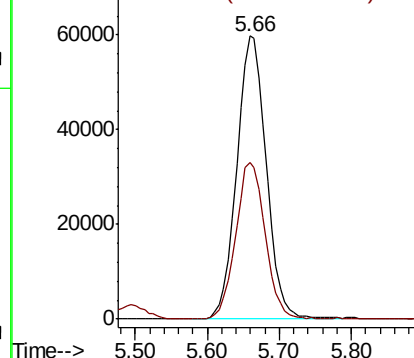
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:168 Resp: 169913
Ion Ratio Lower Upper
168 100
99 55.2 43.0 64.6

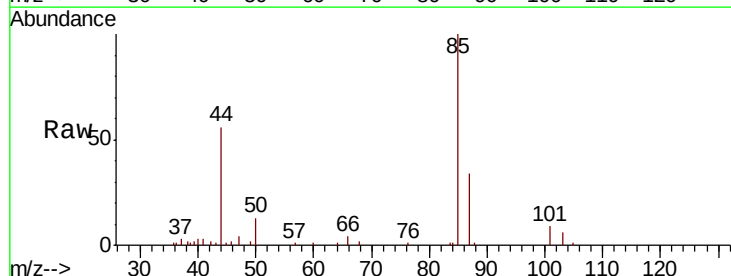


Abundance Ion 167.90 (167.60 to 168.60): VX009906.D (-727) (-)
Ion 98.90 (98.60 to 99.60): VX009904.D (-691) (-)

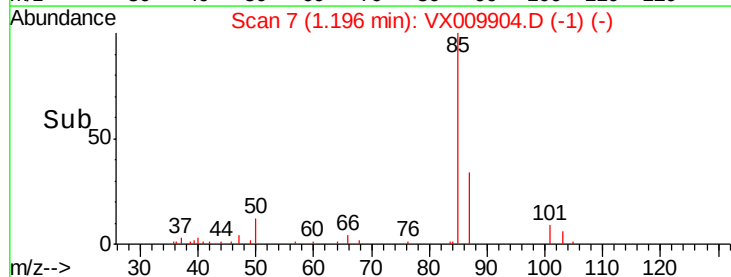
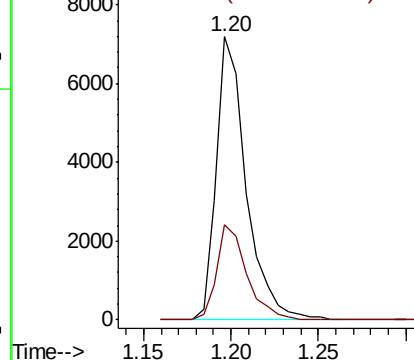


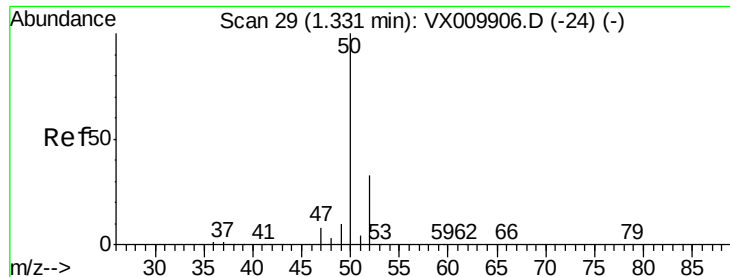
#2
Dichlorodifluoromethane
Concen: 5.019 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 85 Resp: 8498
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX009906.D (-3) (-)
Ion 86.90 (86.60 to 87.60): VX009904.D (-1) (-)





#3

Chloromethane

Concen: 5.770 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

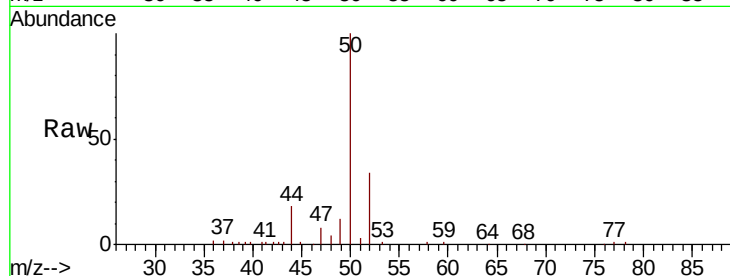
VSTDIC005

Tot Ion: 50 Resp: 12950

Ion Ratio Lower Upper

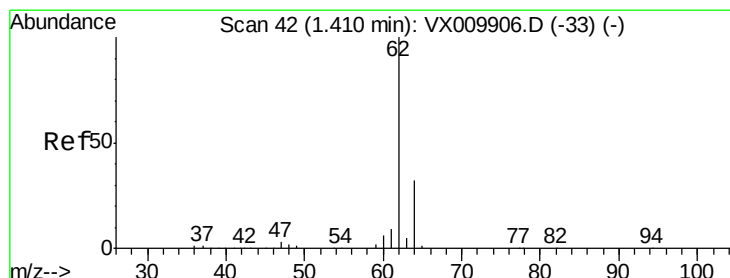
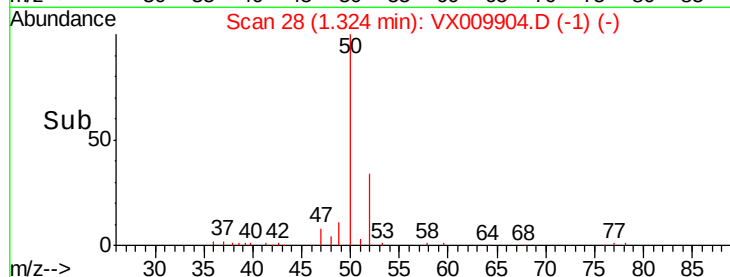
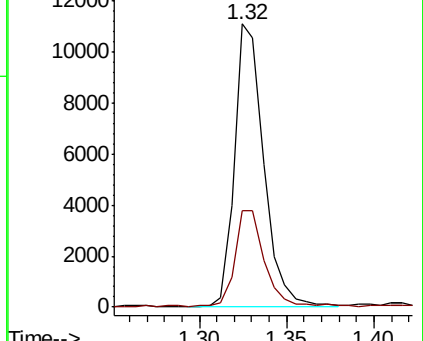
50 100

52 33.9 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: 5.420 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009904.D

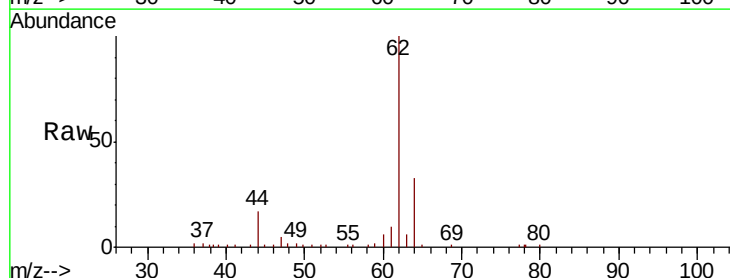
Acq: 28 May 2019 10:20

Tgt Ion: 62 Resp: 11736

Ion Ratio Lower Upper

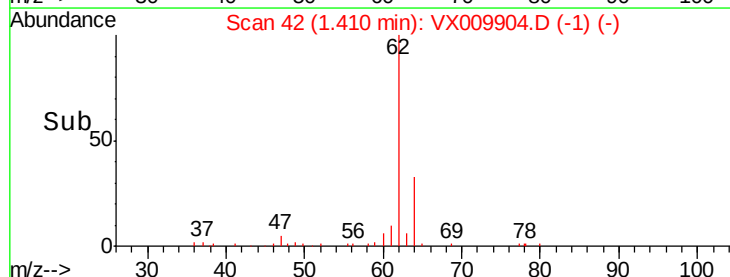
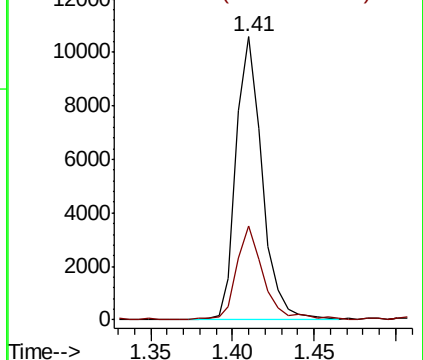
62 100

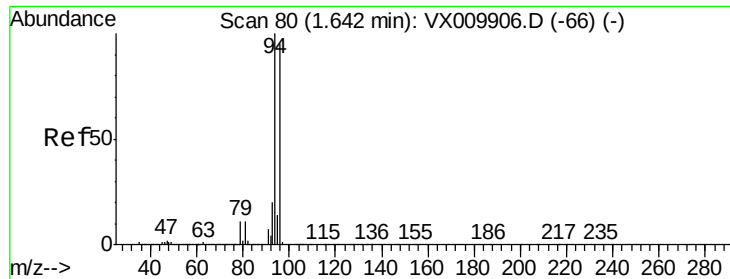
64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.873 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

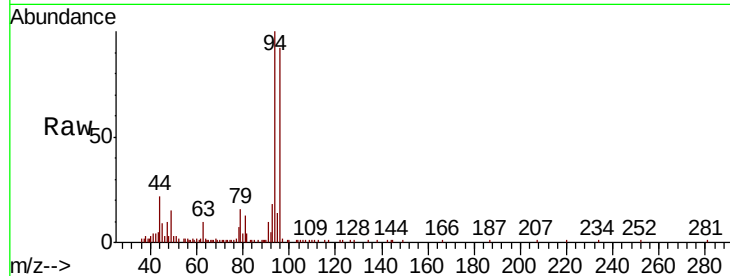
VSTDIC005

Tot Ion: 94 Resp: 7621

Ion Ratio Lower Upper

94 100

96 92.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

8000

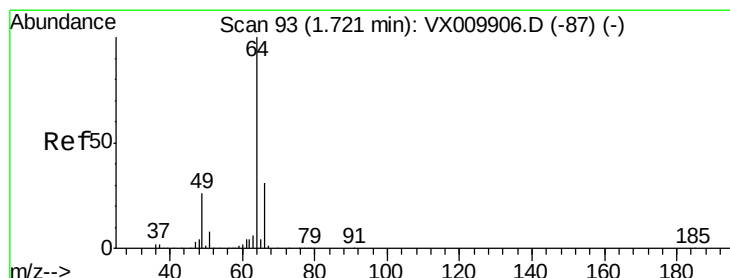
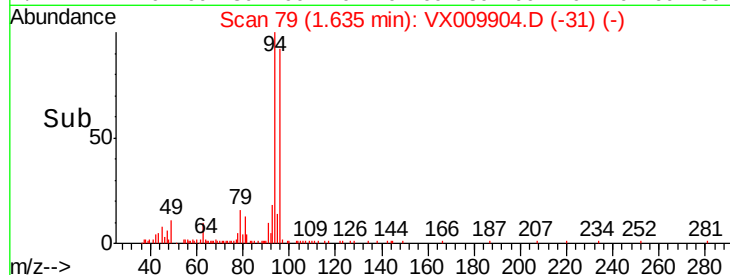
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 5.438 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009904.D

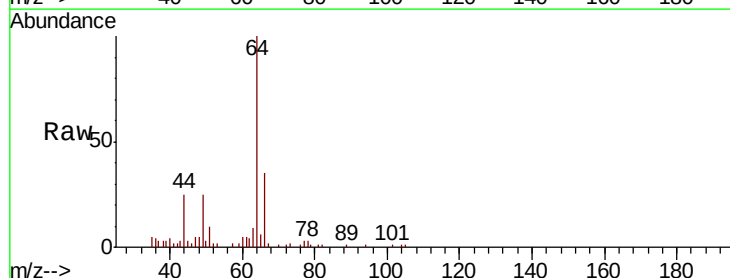
Acq: 28 May 2019 10:20

Tgt Ion: 64 Resp: 7439

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

6000

5000

4000

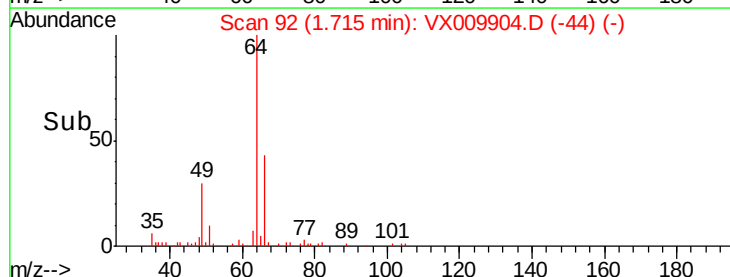
3000

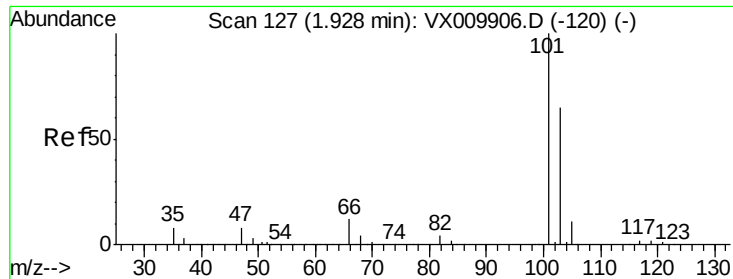
2000

1000

0

Time-->



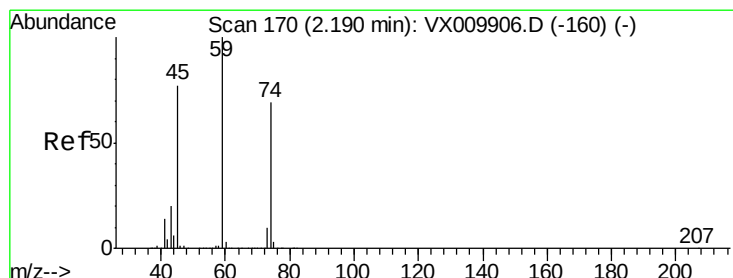
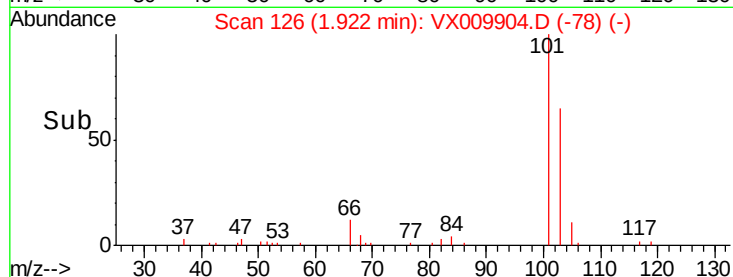
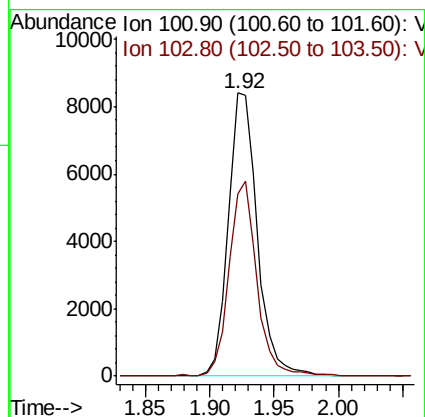
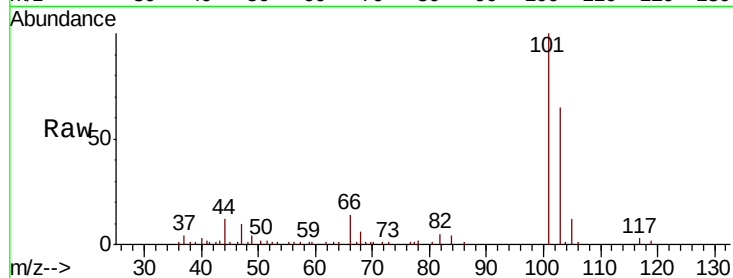


#7

Trichlorofluoromethane
 Concen: 5.133 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

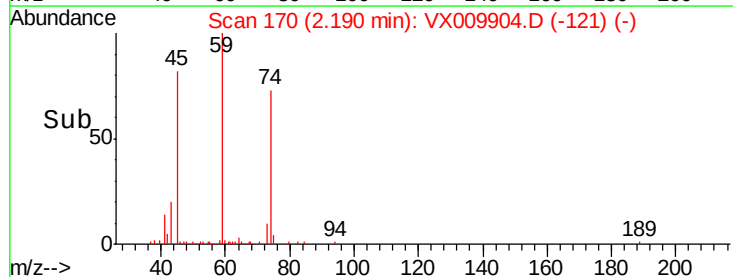
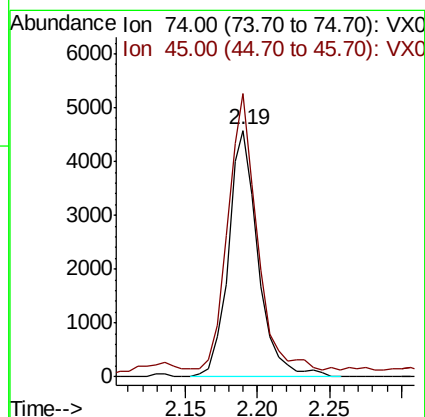
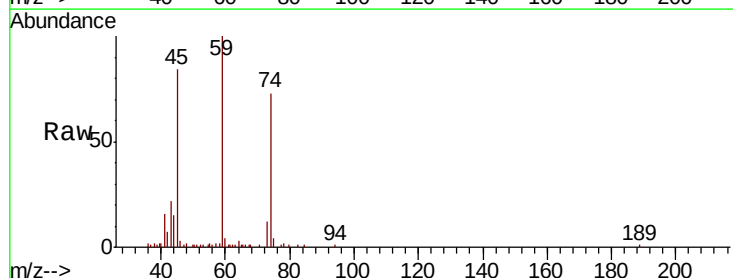
Tot Ion:101 Resp: 13296
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.4

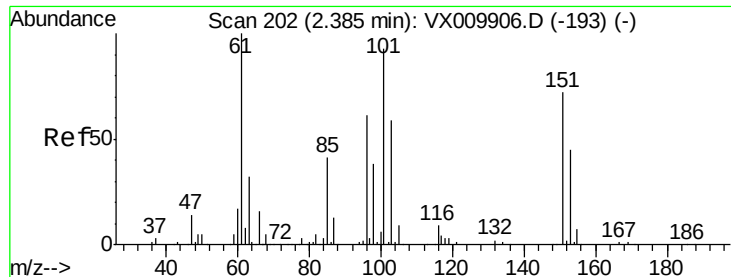


#8

Diethyl Ether
 Concen: 5.455 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 74 Resp: 6614
 Ion Ratio Lower Upper
 74 100
 45 110.9 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.288 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

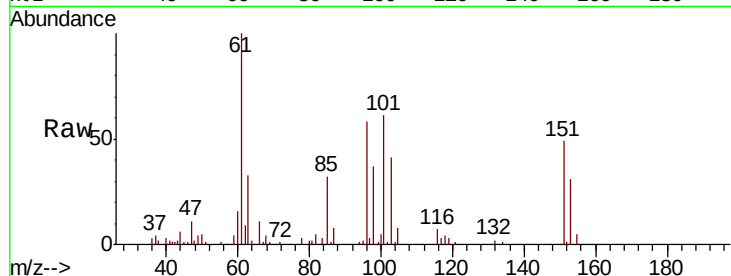
Tot Ion:101 Resp: 8502

Ion Ratio Lower Upper

101 100

85 46.2 35.2 52.8

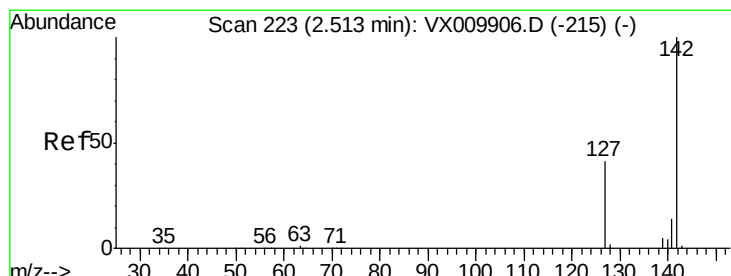
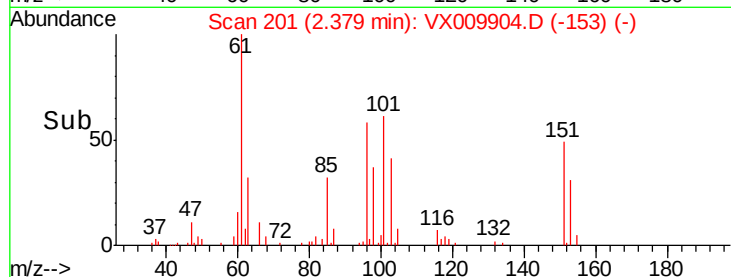
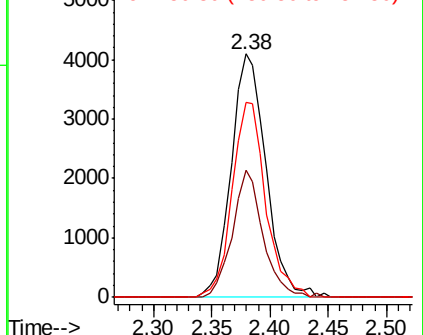
151 77.3 61.9 92.9



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: 3.768 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

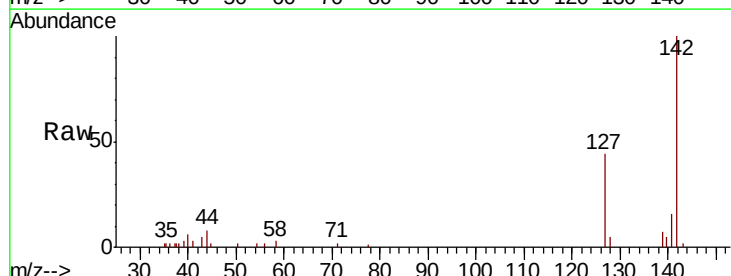
Tgt Ion:142 Resp: 6423

Ion Ratio Lower Upper

142 100

127 44.0 33.0 49.4

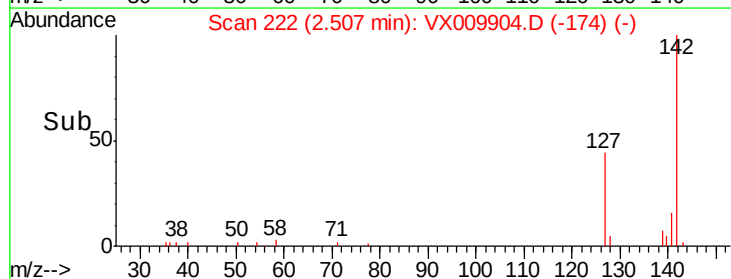
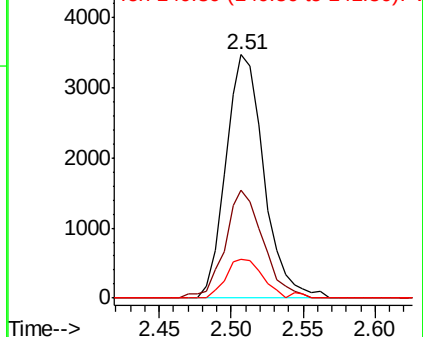
141 15.2 11.4 17.0

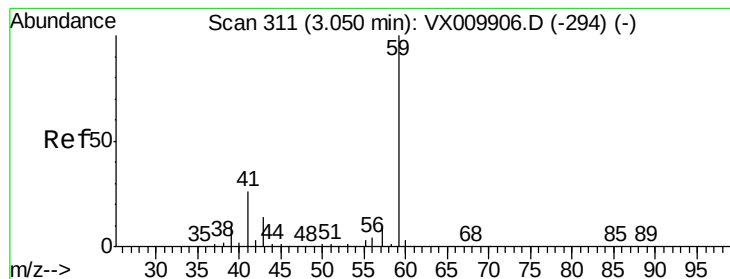


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 28.854 ug/l

RT: 3.06 min Scan# 312

Delta R.T. 0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

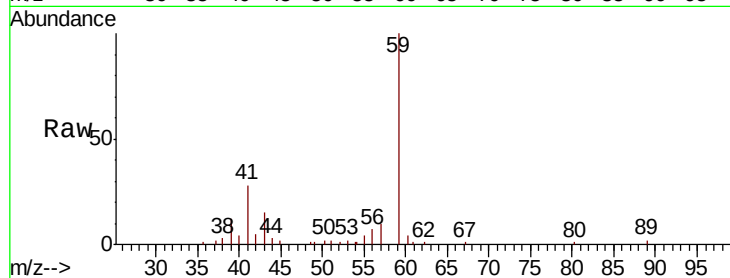
VSTDIC005

Tot Ion: 59 Resp: 15687

Ion Ratio Lower Upper

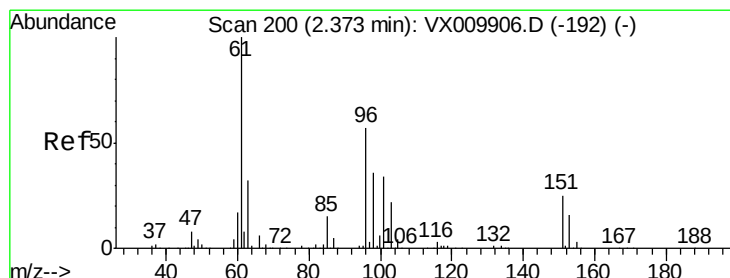
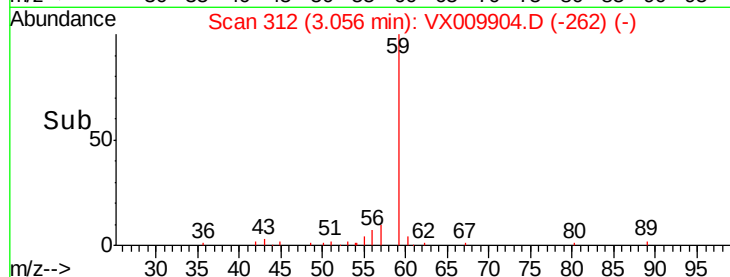
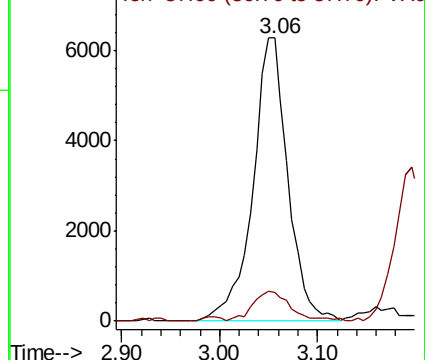
59 100

57 11.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 5.236 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

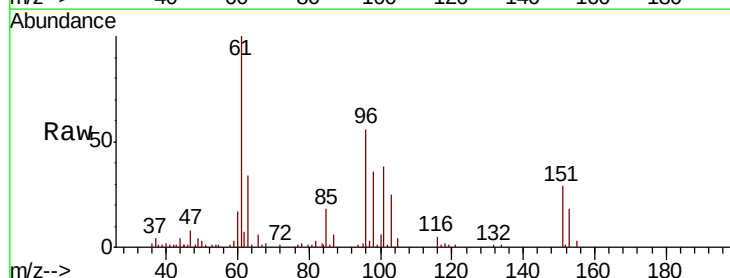
Tgt Ion: 96 Resp: 8430

Ion Ratio Lower Upper

96 100

61 177.6 140.7 211.1

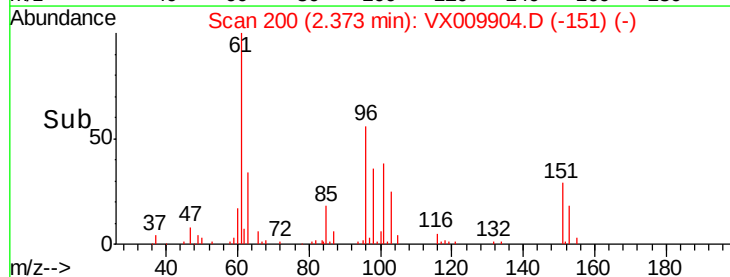
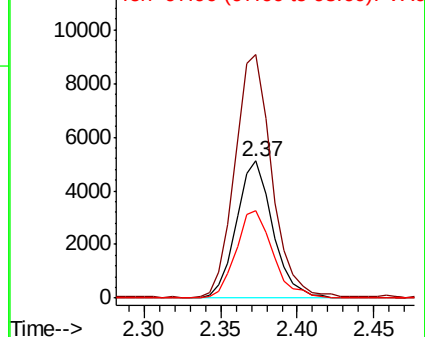
98 63.7 50.1 75.1

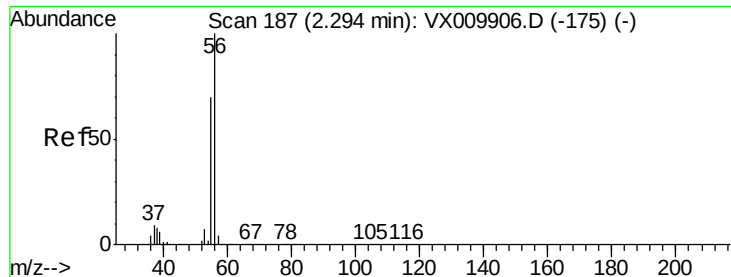


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 10.123 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

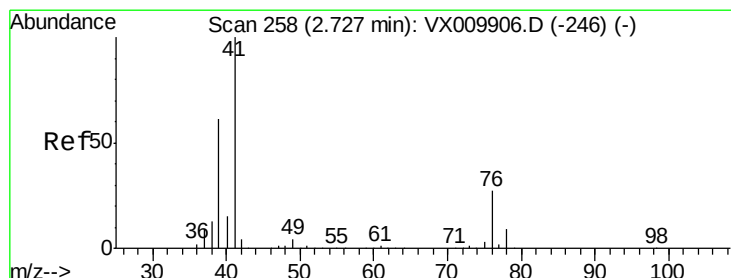
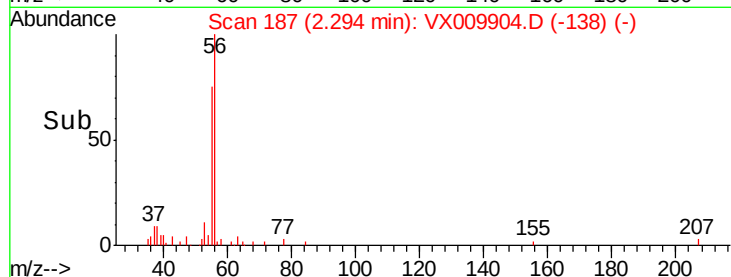
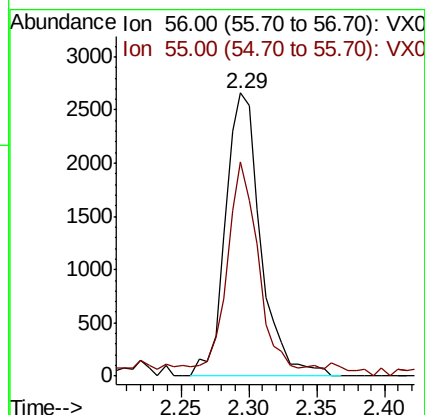
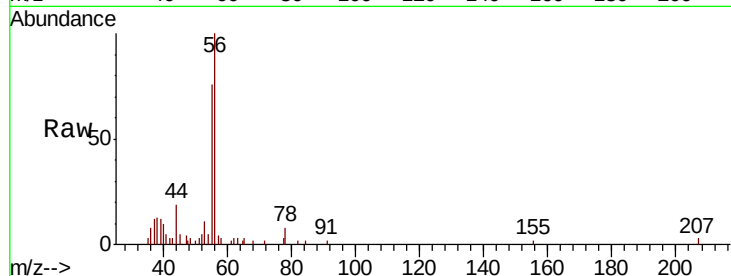
VSTDIC005

Tot Ion: 56 Resp: 4795

Ion Ratio Lower Upper

56 100

55 60.0 57.0 85.4



#14

Allyl chloride

Concen: 5.184 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

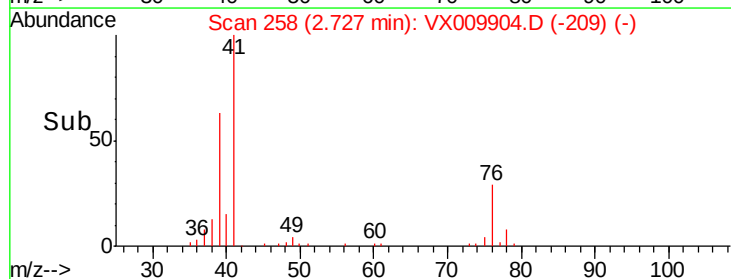
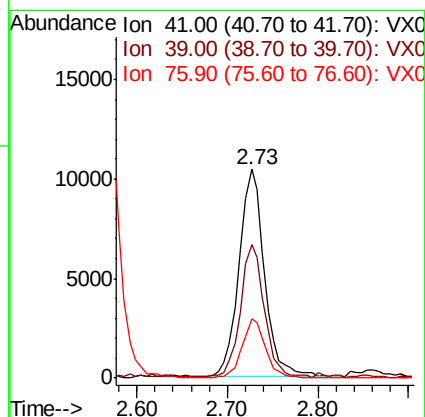
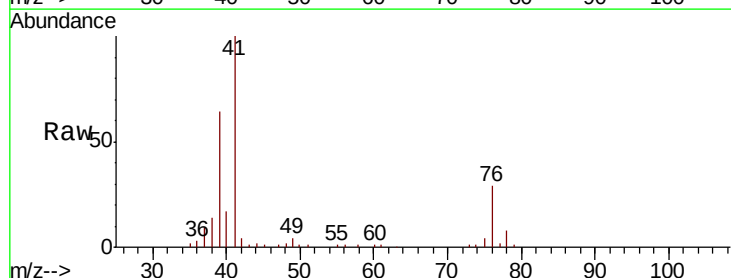
Tgt Ion: 41 Resp: 20467

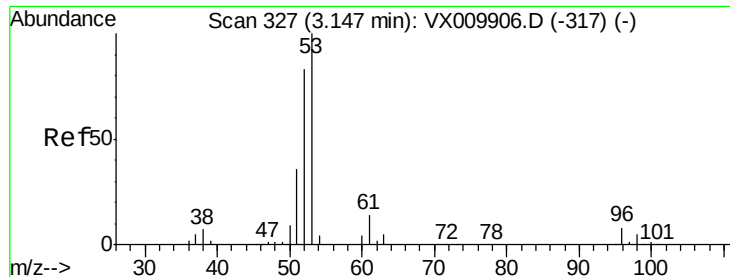
Ion Ratio Lower Upper

41 100

39 60.7 46.7 70.1

76 25.8 21.0 31.4





#15

Acrylonitrile

Concen: 26.400 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

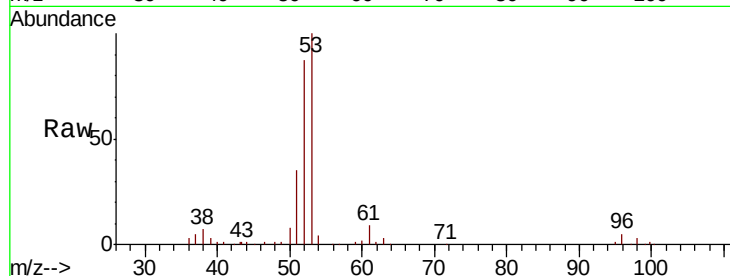
Tot Ion: 53 Resp: 35034

Ion Ratio Lower Upper

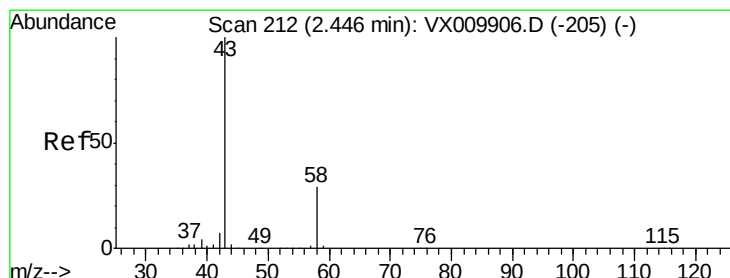
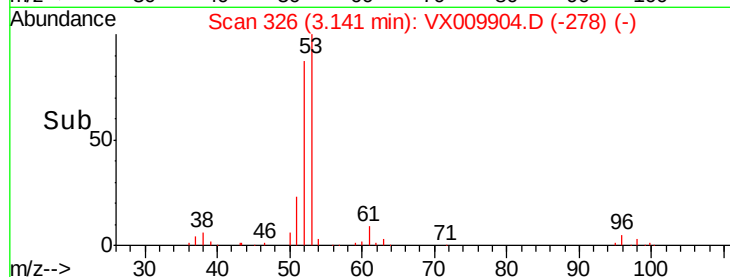
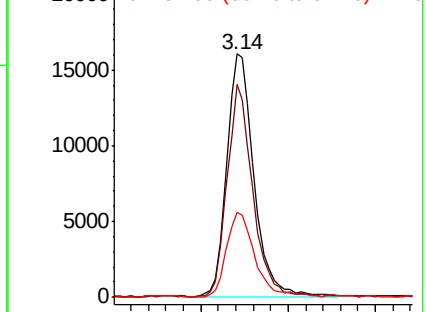
53 100

52 83.1 66.7 100.1

51 35.8 28.8 43.2



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



#16

Acetone

Concen: 25.791 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009904.D

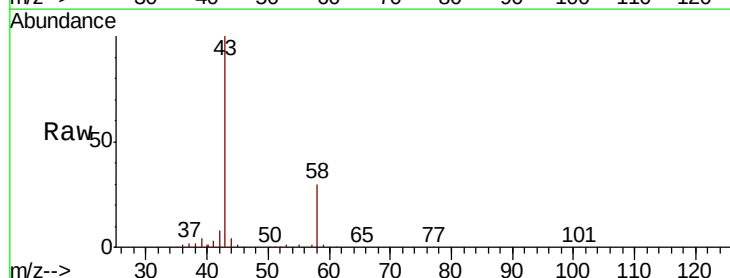
Acq: 28 May 2019 10:20

Tgt Ion: 43 Resp: 32698

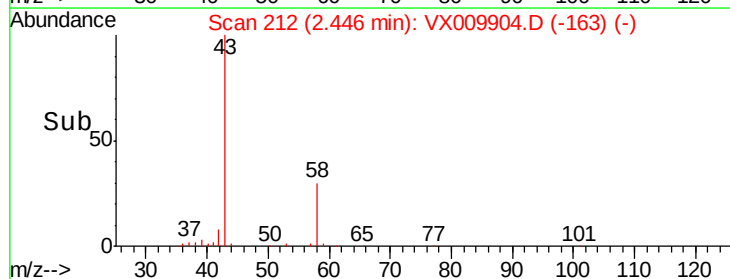
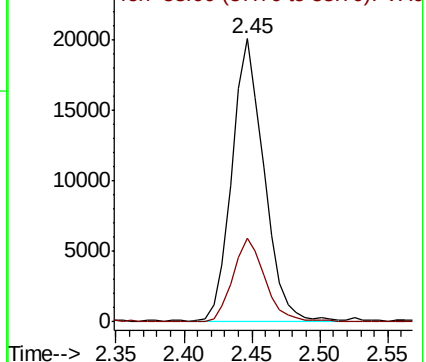
Ion Ratio Lower Upper

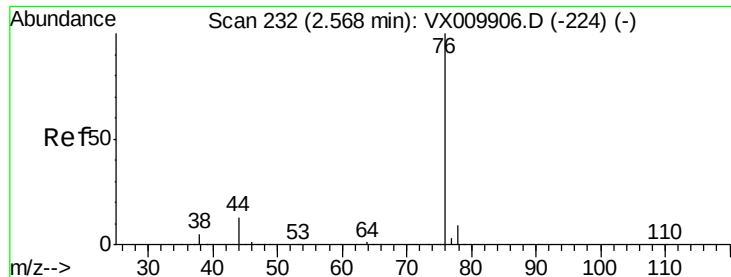
43 100

58 29.5 23.2 34.8



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





#17

Carbon Disulfide

Concen: 5.417 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

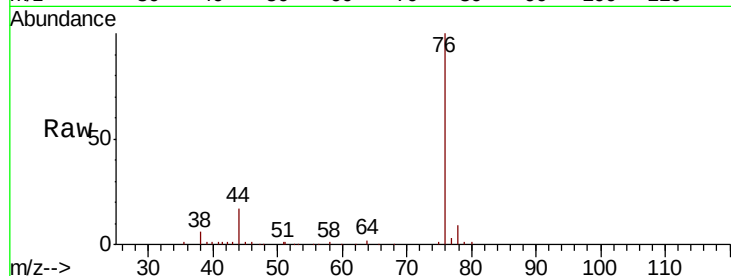
VSTDIC005

Tot Ion: 76 Resp: 24814

Ion Ratio Lower Upper

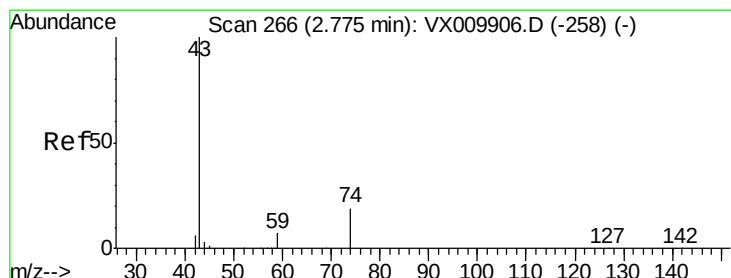
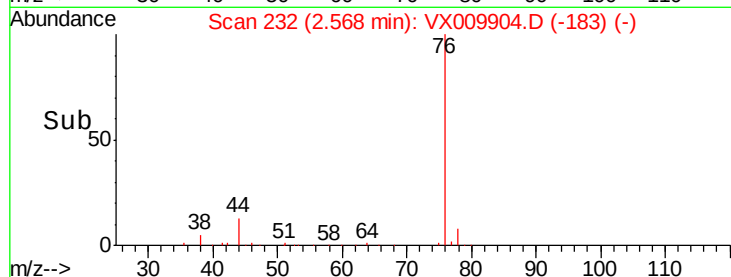
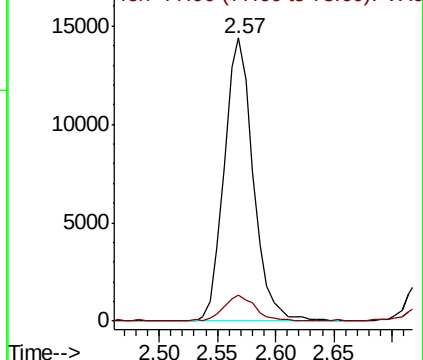
76 100

78 8.6 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: 5.110 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009904.D

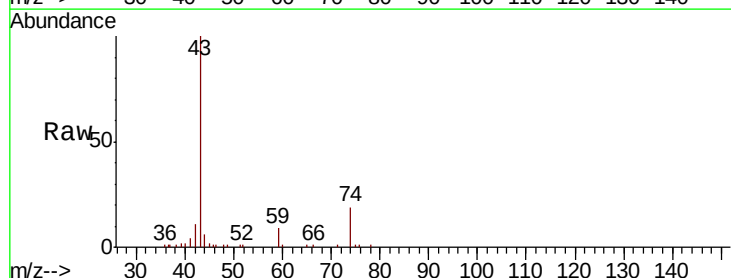
Acq: 28 May 2019 10:20

Tgt Ion: 43 Resp: 15257

Ion Ratio Lower Upper

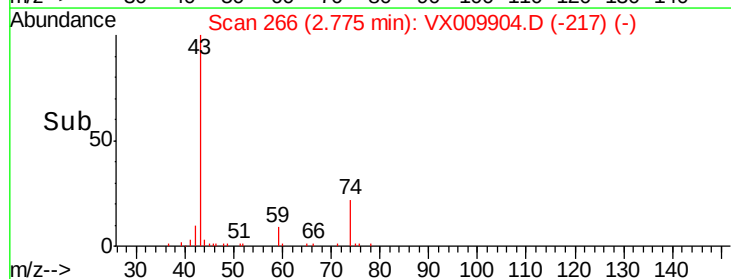
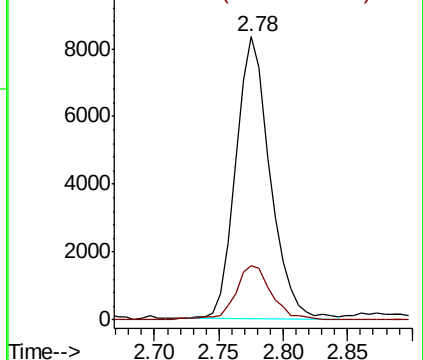
43 100

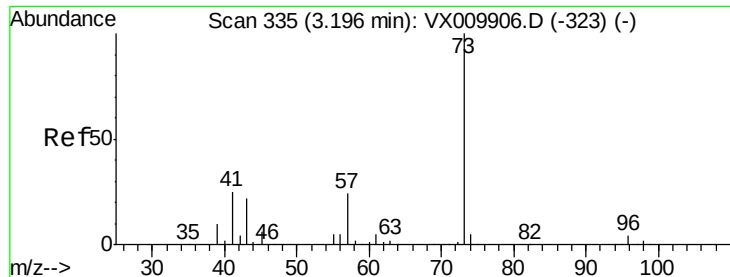
74 20.4 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

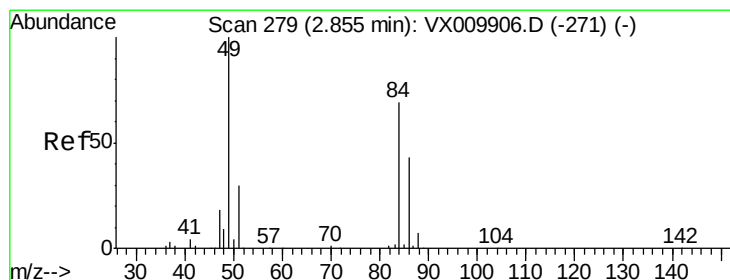
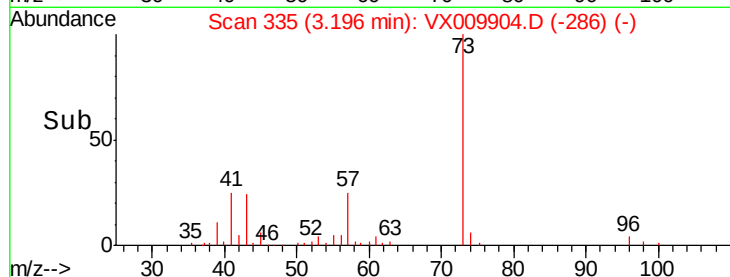
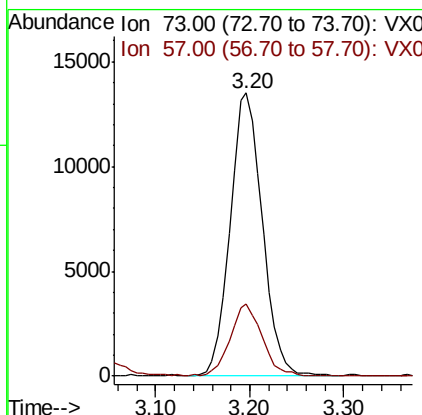
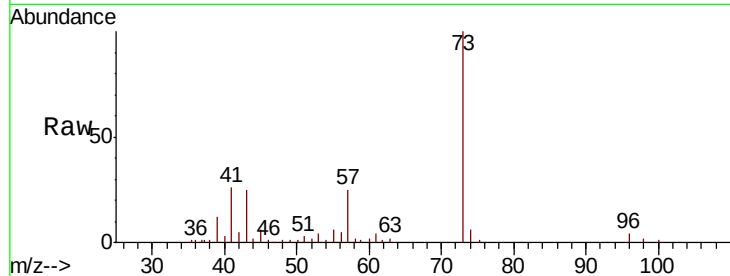




#19
Methyl tert-butyl Ether
Concen: 5.151 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

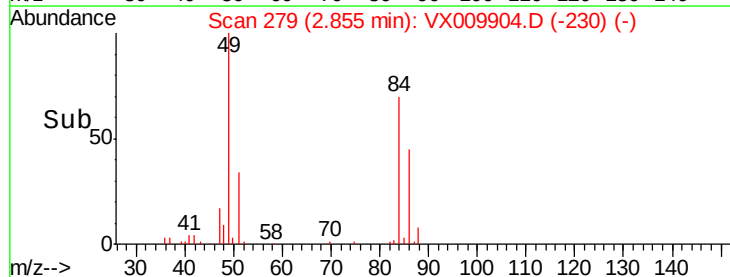
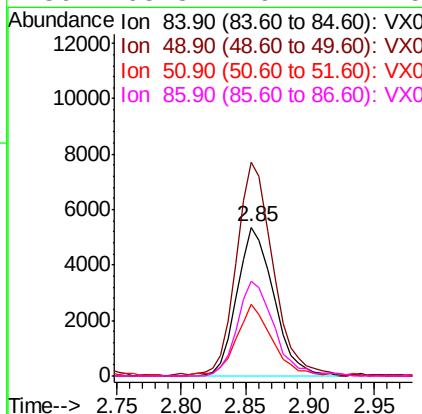
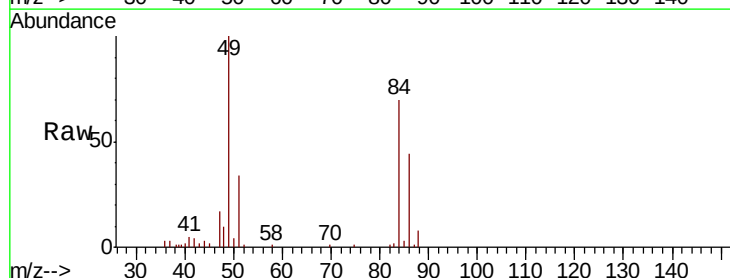
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

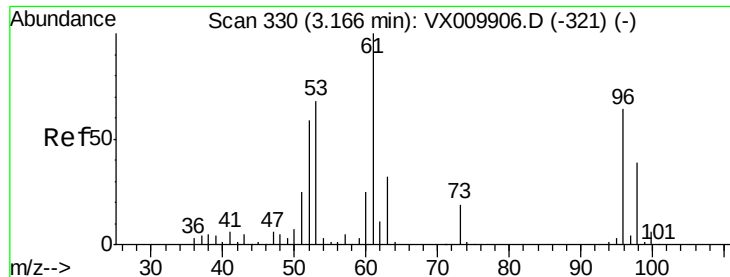
Tot Ion: 73 Resp: 32066
Ion Ratio Lower Upper
73 100
57 25.3 19.4 29.2



#20
Methylene Chloride
Concen: 5.233 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 84 Resp: 10621
Ion Ratio Lower Upper
84 100
49 142.5 115.8 173.6
51 47.5 34.4 51.6
86 63.8 49.7 74.5

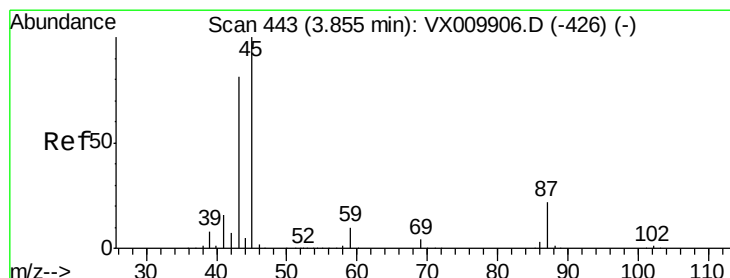
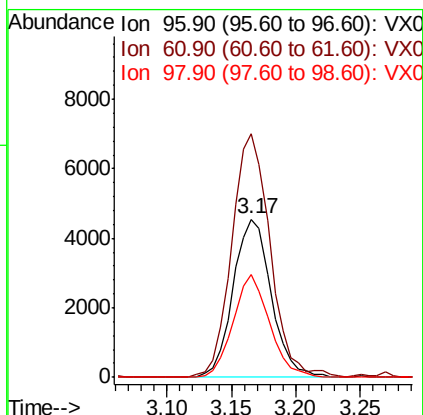
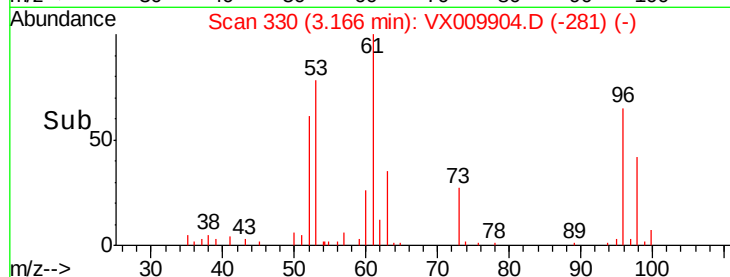
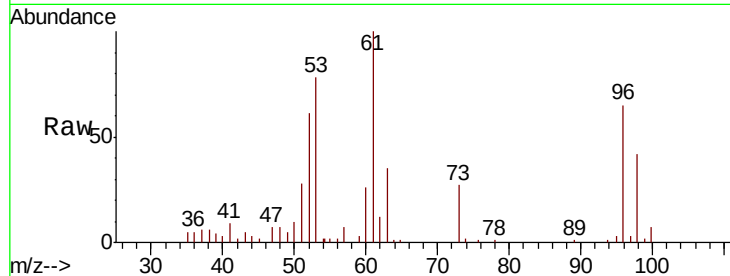




#21
trans-1,2-Dichloroethene
Concen: 5.371 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

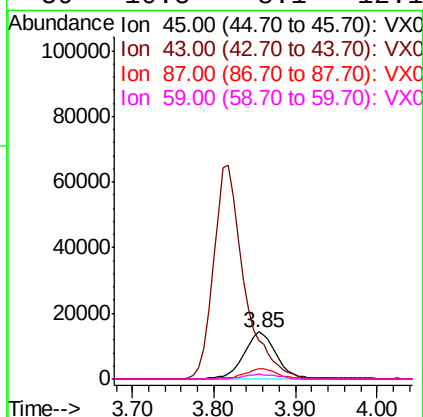
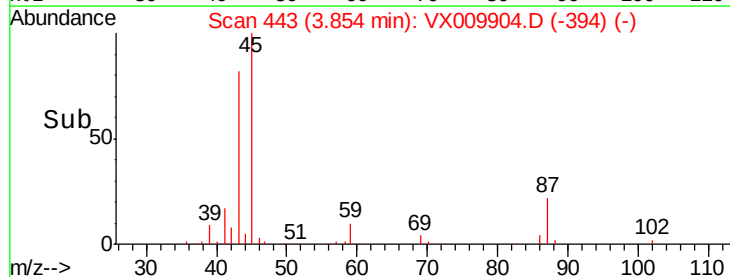
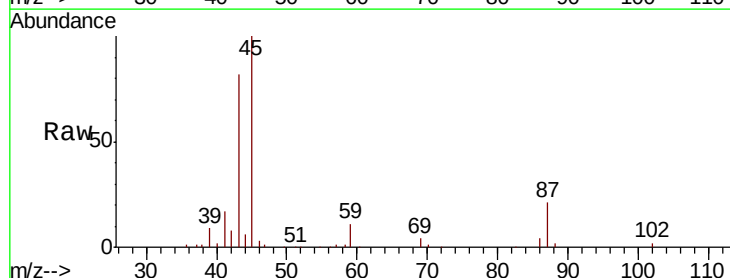
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

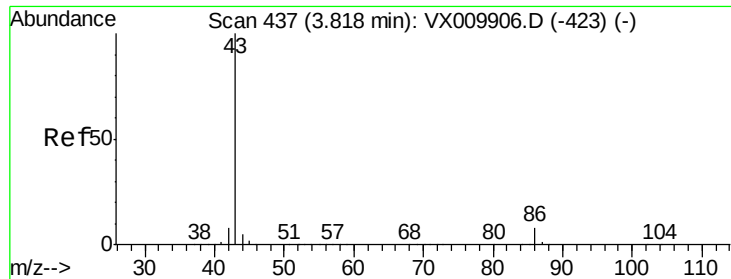
Tot Ion: 96 Resp: 9354
Ion Ratio Lower Upper
96 100
61 154.2 125.7 188.5
98 64.8 49.0 73.6



#22
Diisopropyl ether
Concen: 5.266 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 45 Resp: 39781
Ion Ratio Lower Upper
45 100
43 79.6 65.0 97.4
87 21.4 17.3 25.9
59 10.5 8.1 12.1





#23

Vinyl Acetate

Concen: 26.403 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

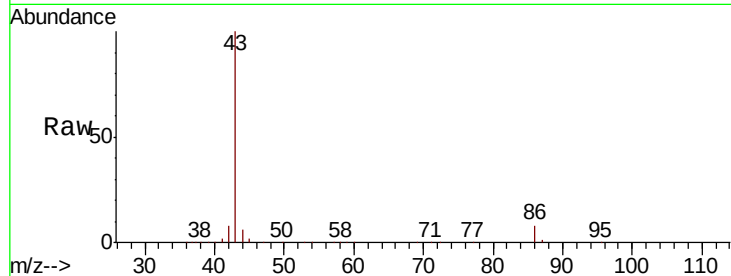
VSTDIC005

Tot Ion: 43 Resp: 171546

Ion Ratio Lower Upper

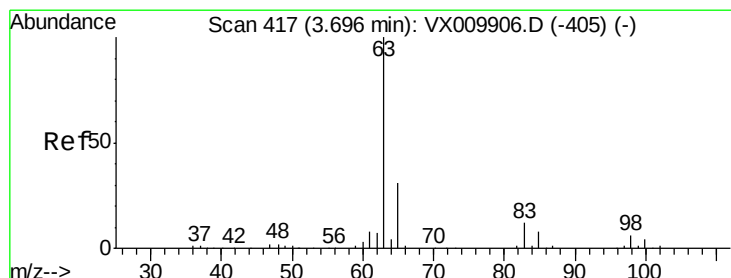
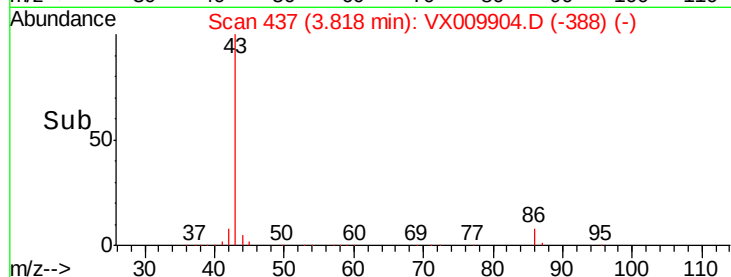
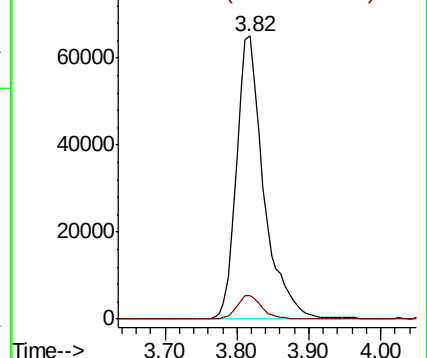
43 100

86 8.4 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: 5.197 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

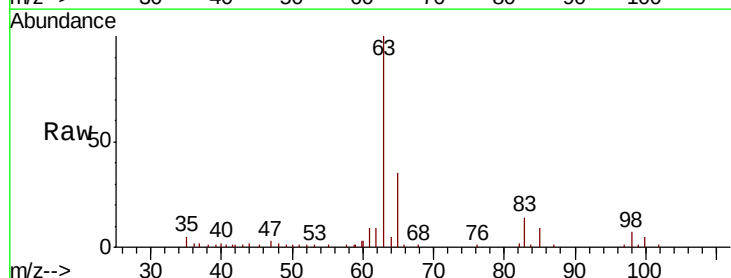
Tgt Ion: 63 Resp: 19319

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

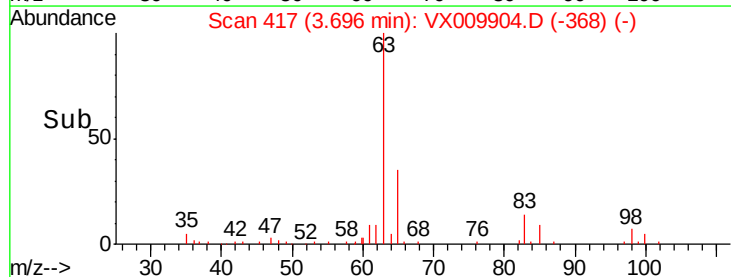
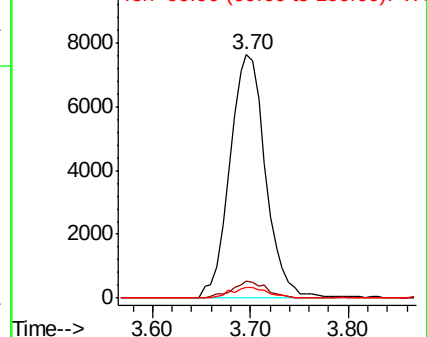
100 4.5 1.8 5.4

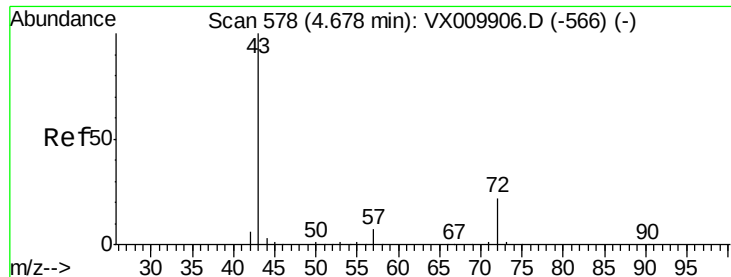


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.495 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

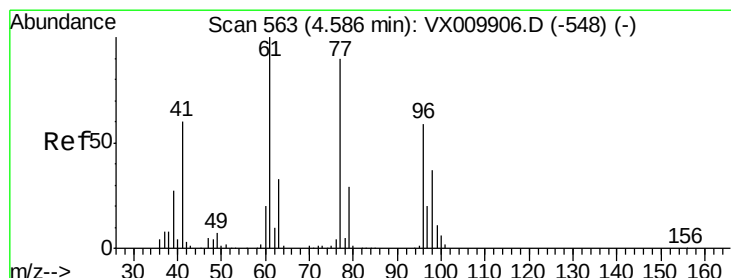
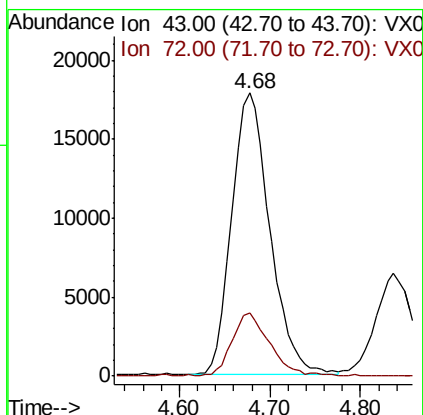
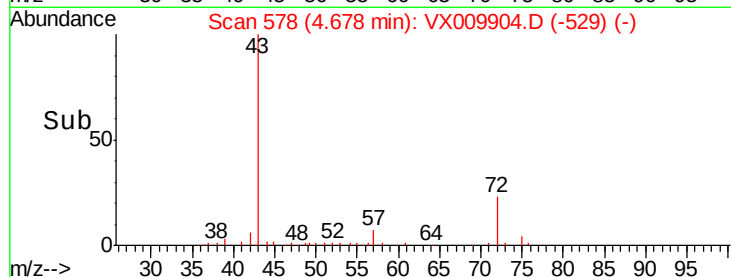
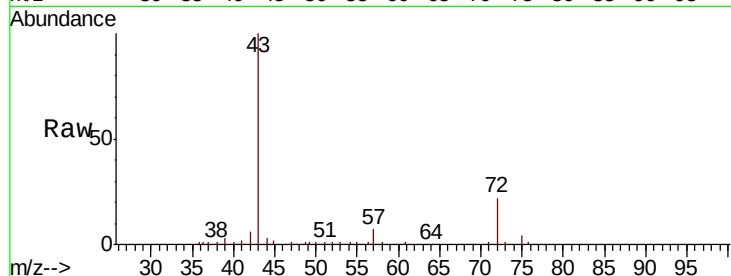
VSTDIC005

Tot Ion: 43 Resp: 52088

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3



#26

2,2-Dichloropropane

Concen: 5.344 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009904.D

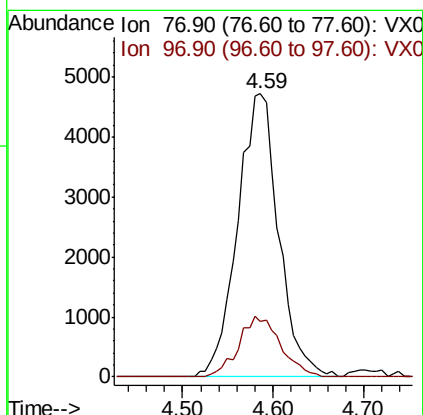
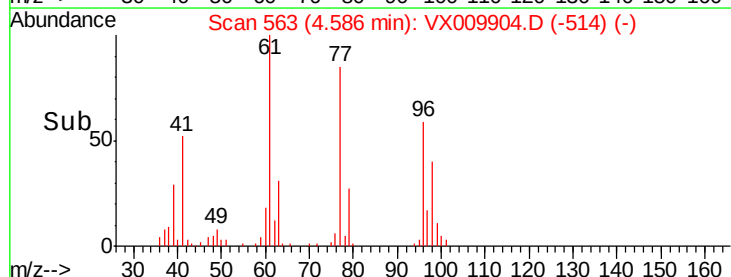
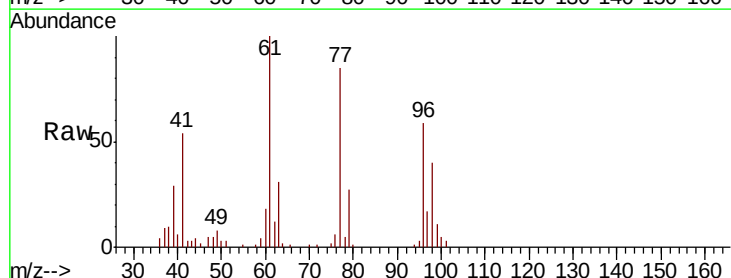
Acq: 28 May 2019 10:20

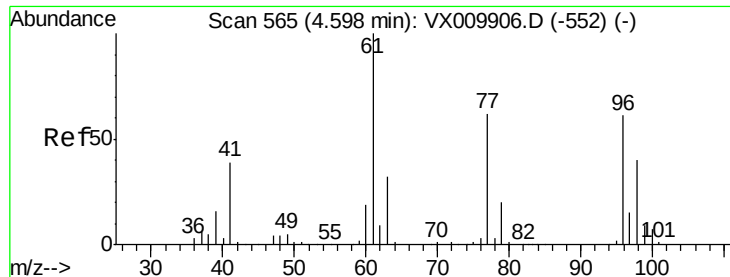
Tgt Ion: 77 Resp: 14802

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.2



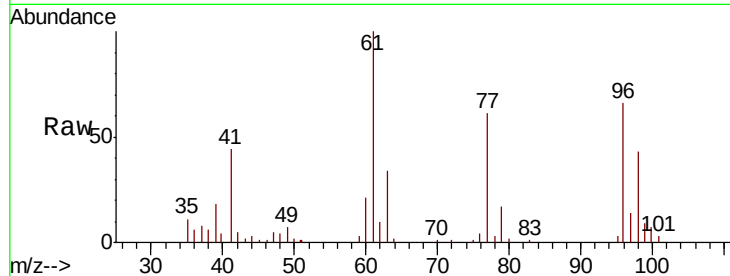


#27

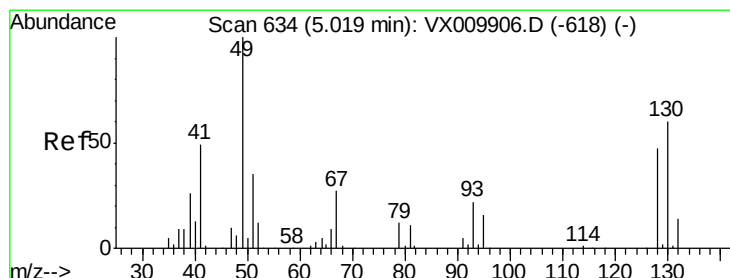
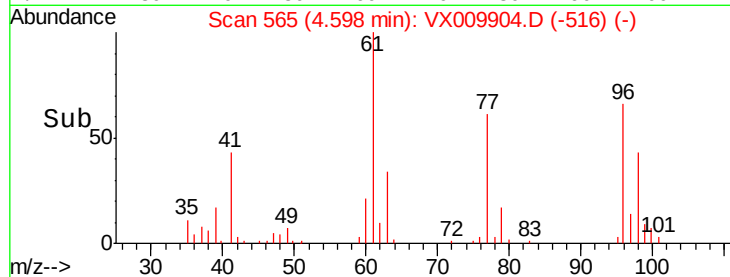
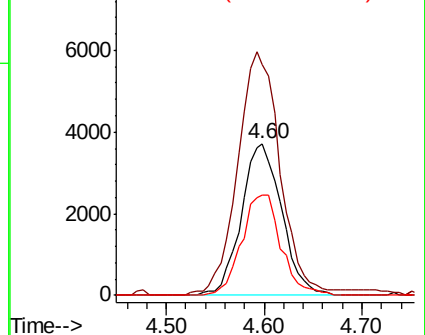
cis-1,2-Dichloroethene
Concen: 5.134 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 10640
Ion Ratio Lower Upper
96 100
61 169.8 0.0 334.0
98 64.7 0.0 131.6



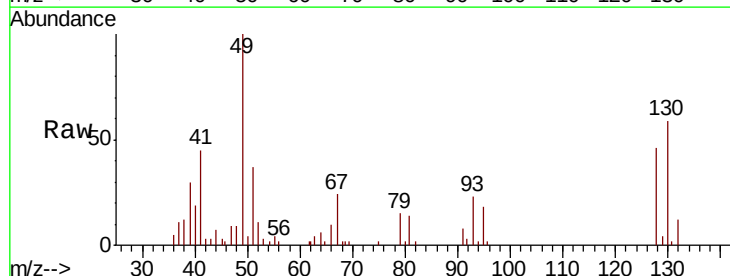
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



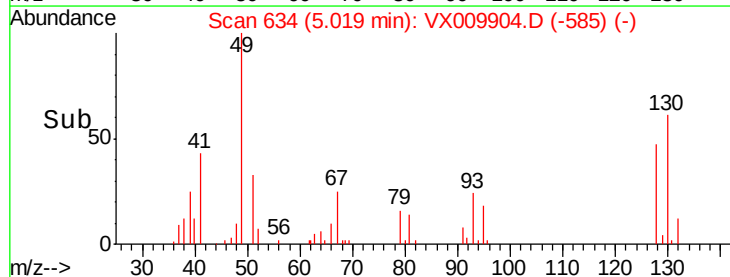
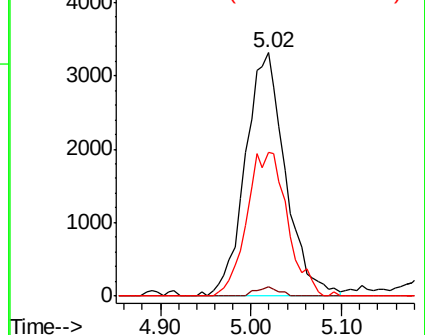
#28

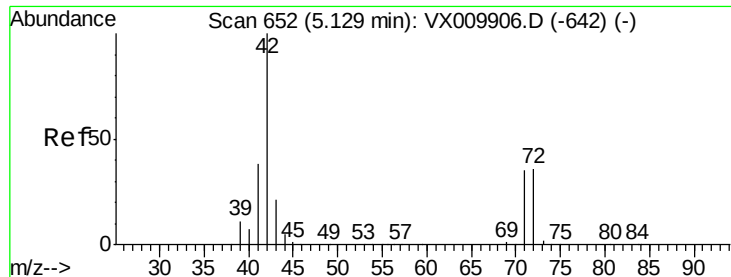
Bromochloromethane
Concen: 6.001 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 49 Resp: 10108
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.4
130 59.9 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: 26.447 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

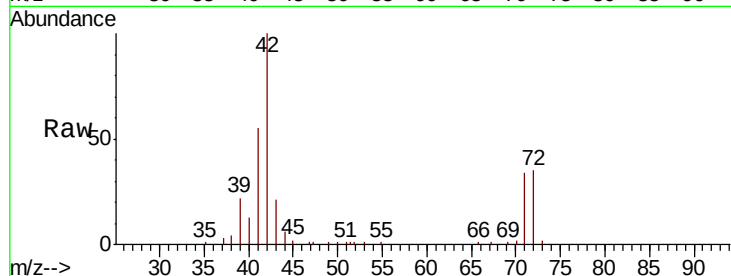
Tot Ion: 42 Resp: 33383

Ion Ratio Lower Upper

42 100

72 38.3 29.2 43.8

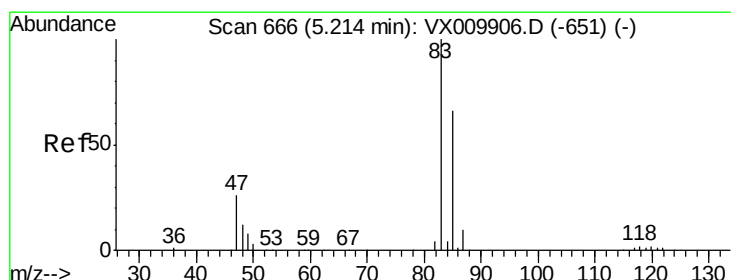
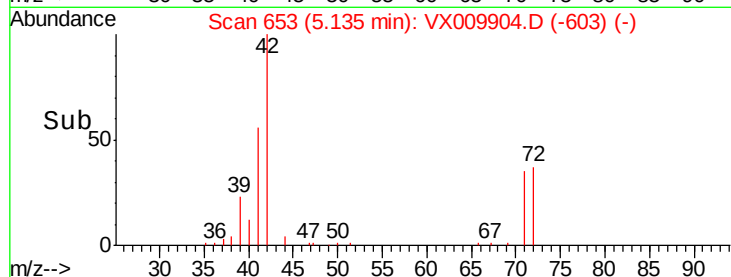
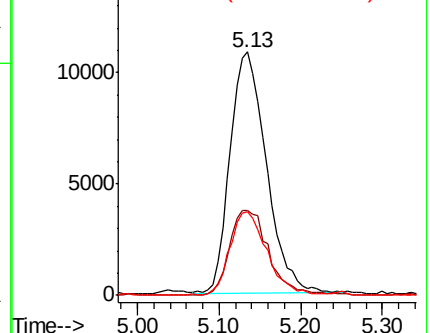
71 35.3 27.6 41.4



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: 5.224 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009904.D

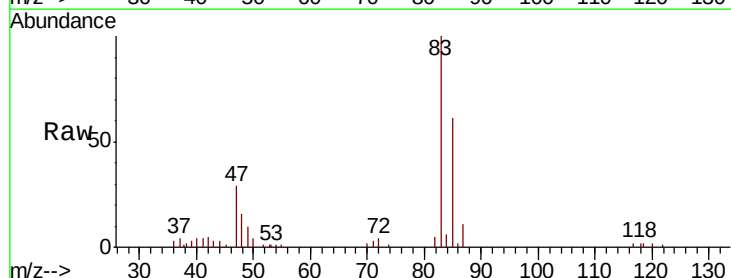
Acq: 28 May 2019 10:20

Tgt Ion: 83 Resp: 17526

Ion Ratio Lower Upper

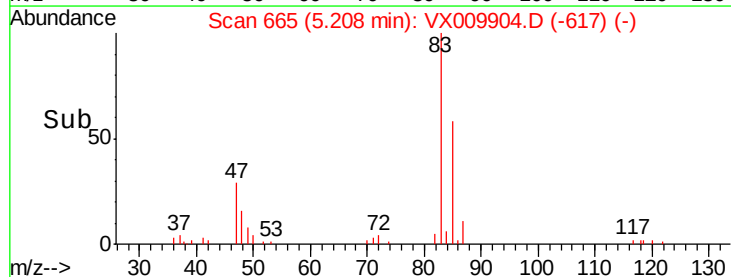
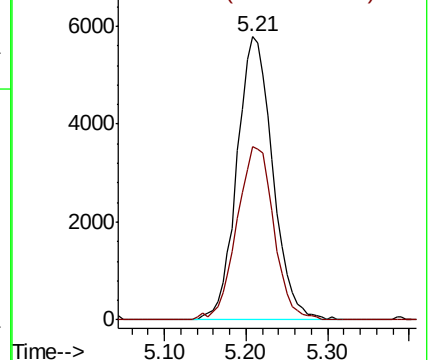
83 100

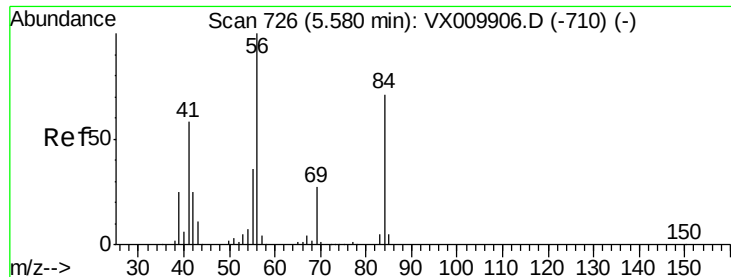
85 61.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

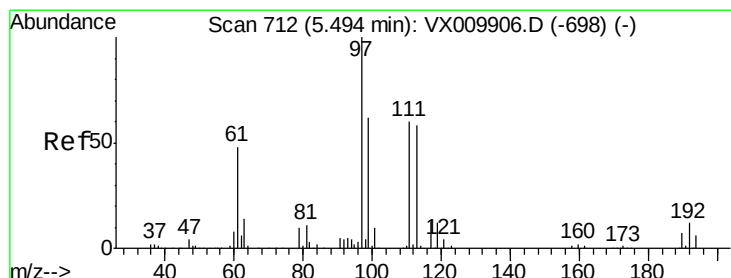
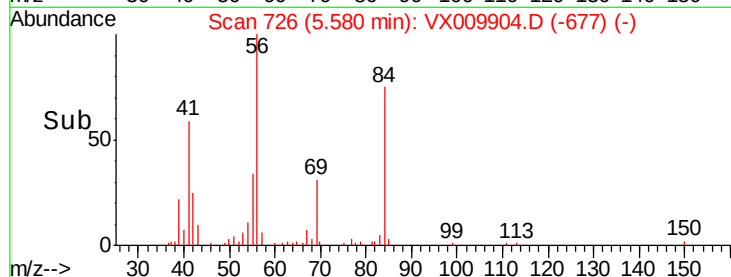
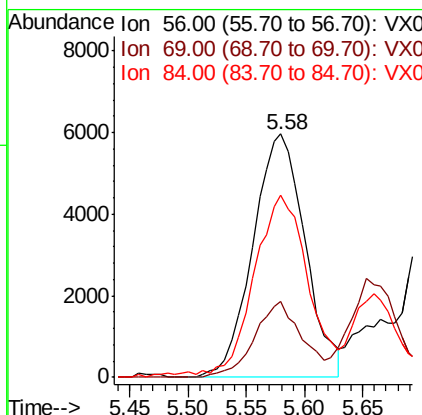
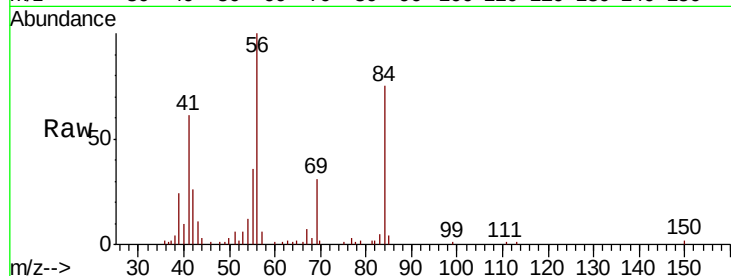




#31
Cyclohexane
Concen: 5.316 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

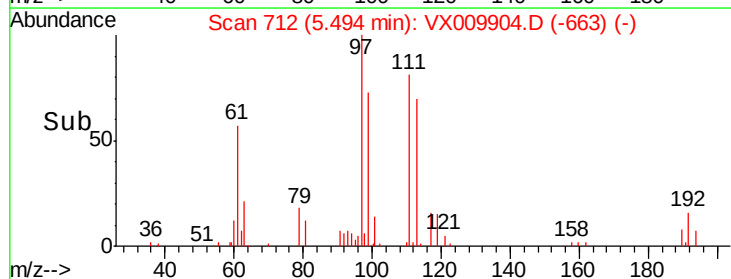
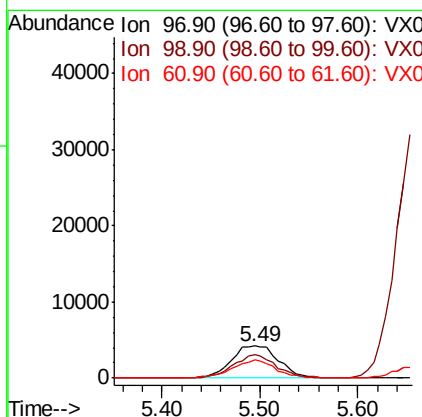
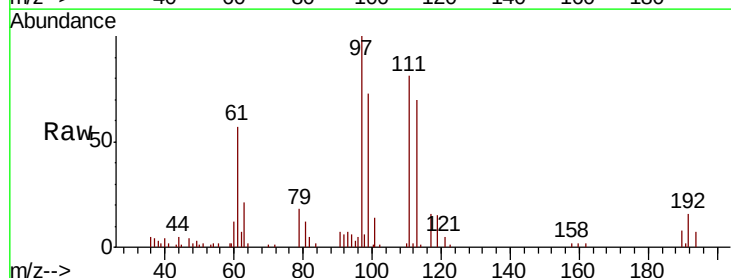
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

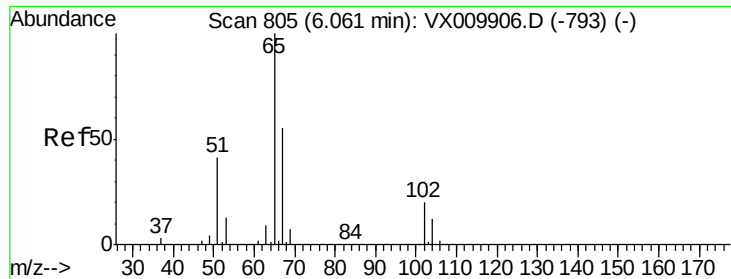
Tot Ion: 56 Resp: 18611
Ion Ratio Lower Upper
56 100
69 31.0 21.6 32.4
84 72.6 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 5.080 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 97 Resp: 14220
Ion Ratio Lower Upper
97 100
99 65.8 51.0 76.4
61 51.9 38.7 58.1

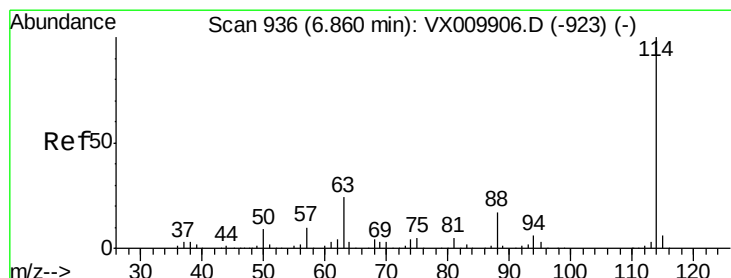
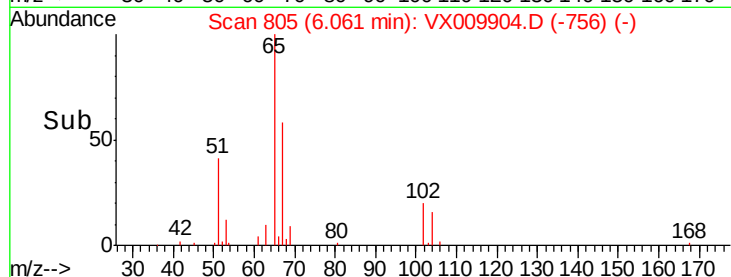
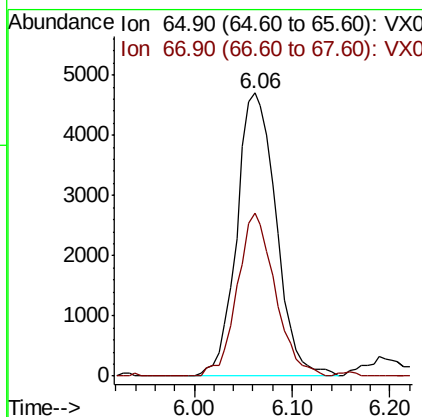
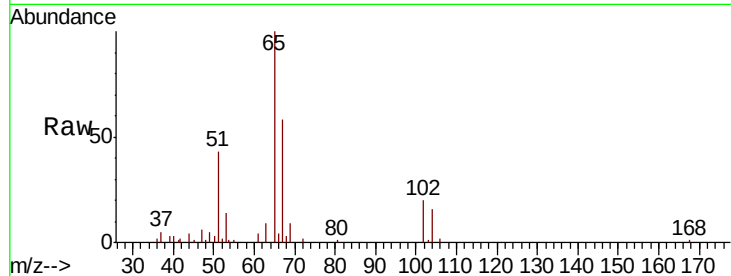




#33
 1,2-Dichloroethane-d4
 Concen: 5.701 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

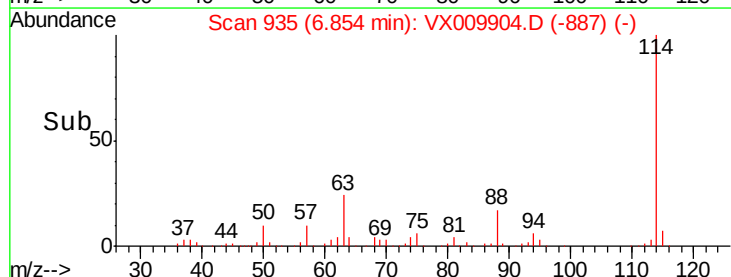
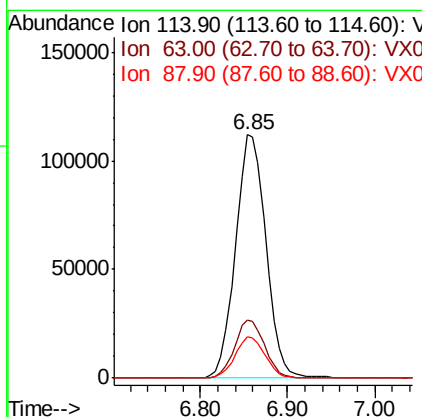
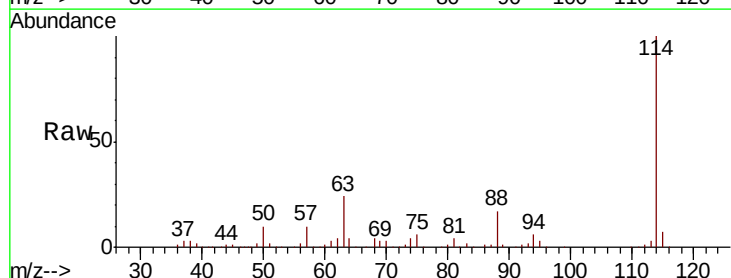
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

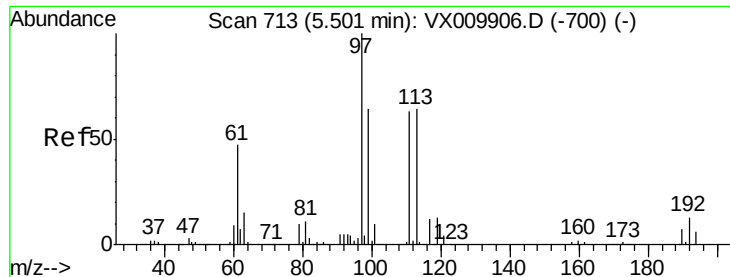
Tot Ion: 65 Resp: 13108
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 114 Resp: 271123
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.4
 88 17.1 0.0 33.0

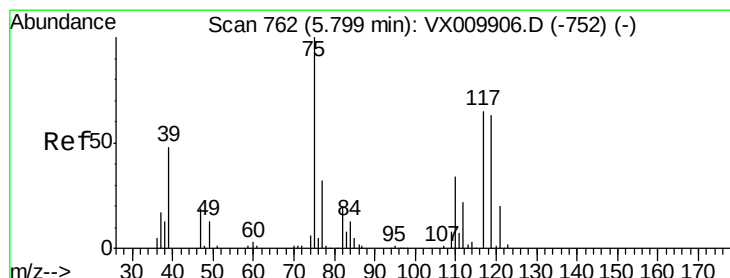
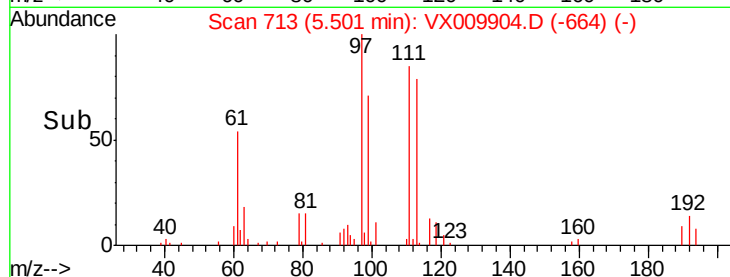
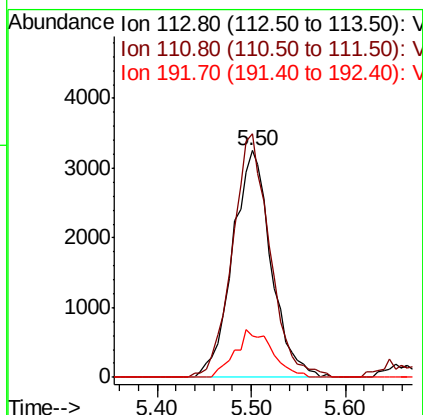
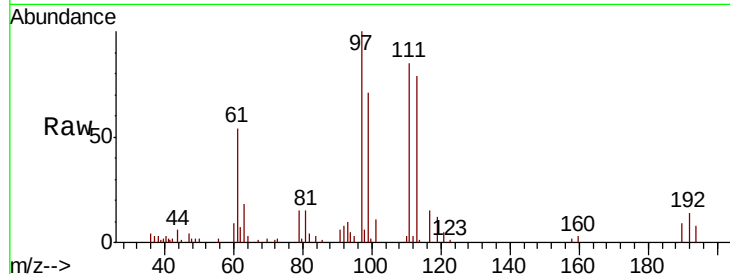




#35
 Dibromofluoromethane
 Concen: 5.493 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

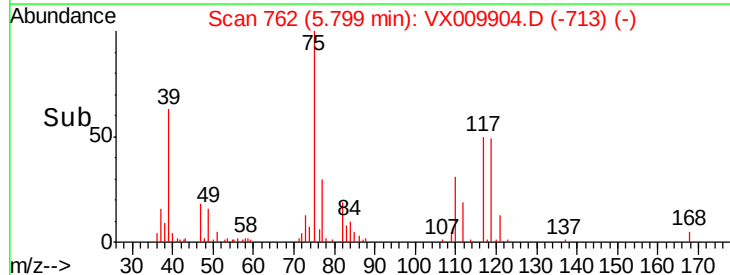
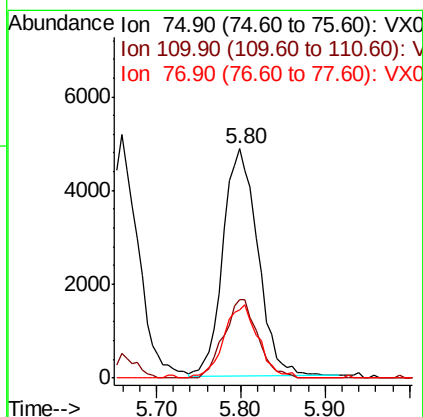
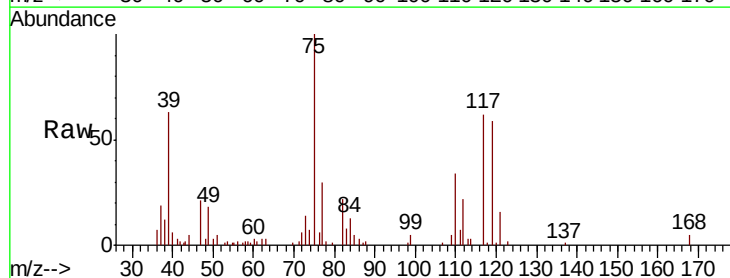
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

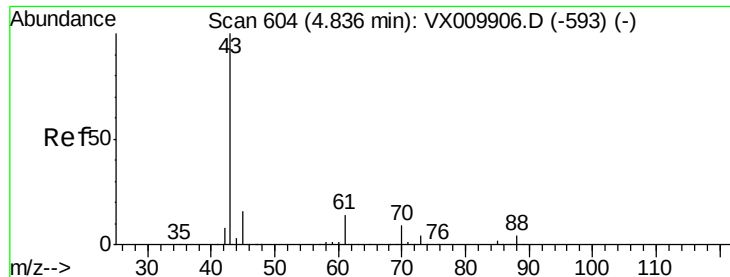
Tot Ion:113 Resp: 9280
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.2
 192 20.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 5.402 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 75 Resp: 13778
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.7 50.1
 77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 5.222 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

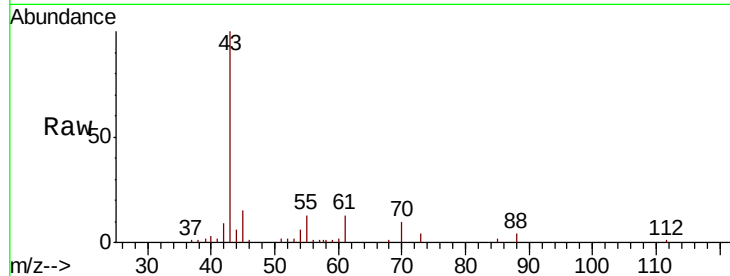
Tot Ion: 43 Resp: 18677

Ion Ratio Lower Upper

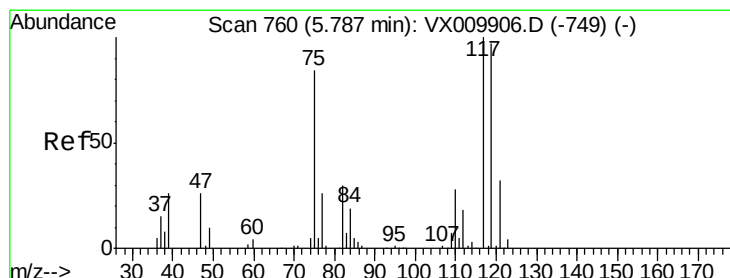
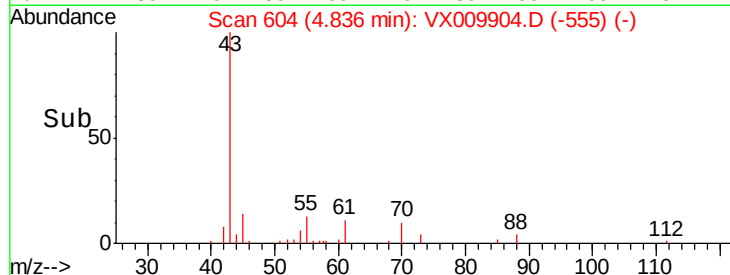
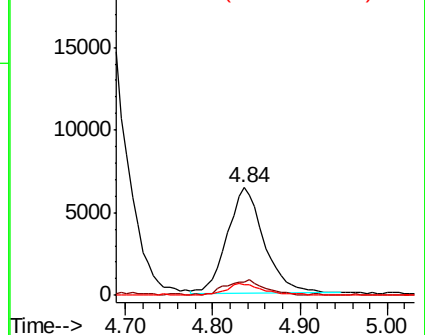
43 100

61 15.5 10.2 15.2#

70 11.2 7.4 11.2#



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



#38

Carbon Tetrachloride

Concen: 5.261 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

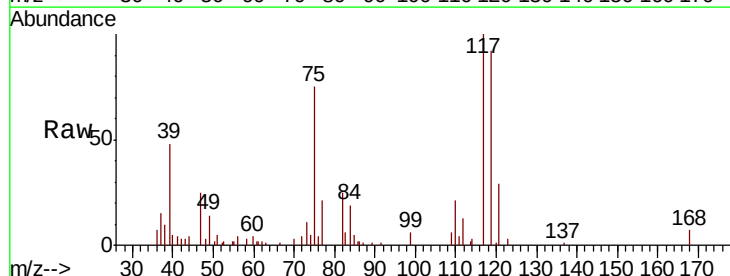
Tgt Ion: 117 Resp: 12185

Ion Ratio Lower Upper

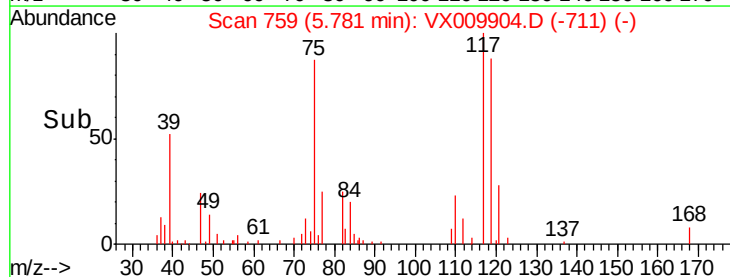
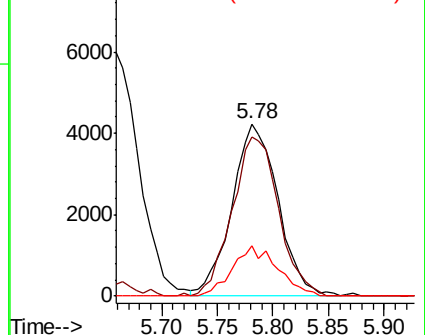
117 100

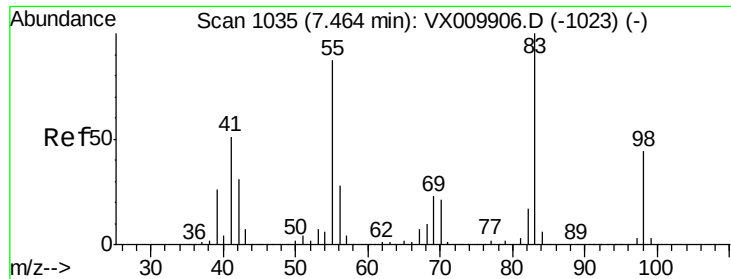
119 92.4 77.3 115.9

121 28.9 25.4 38.0



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

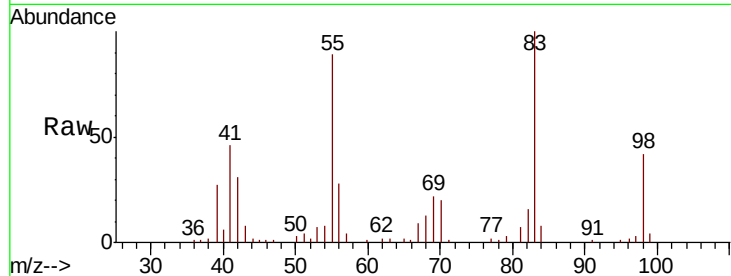




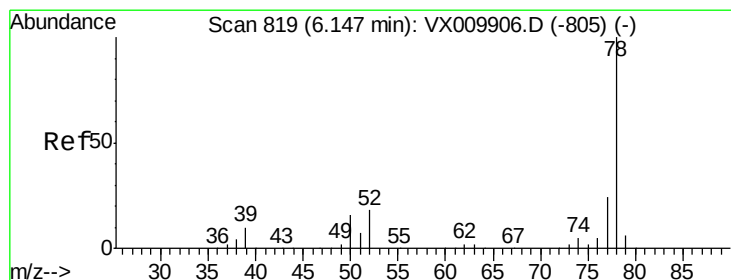
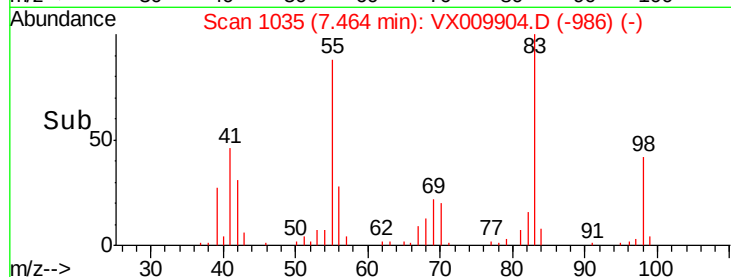
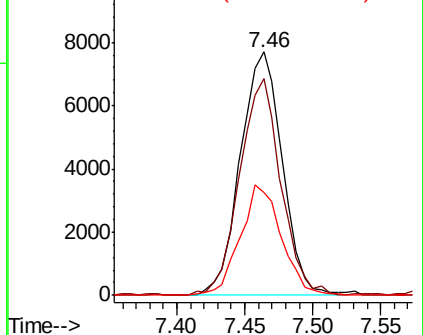
#39
Methylvlcyclohexane
Concen: 5.279 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 16586
Ion Ratio Lower Upper
83 100
55 89.1 69.9 104.9
98 42.2 35.1 52.7

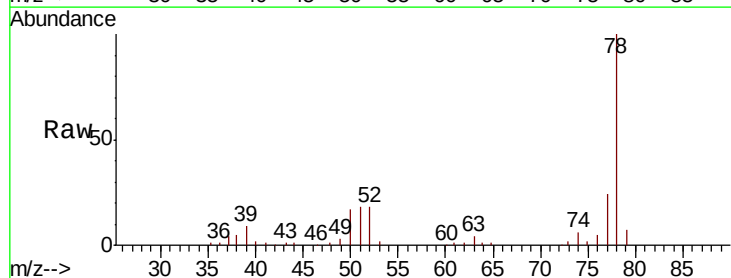


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

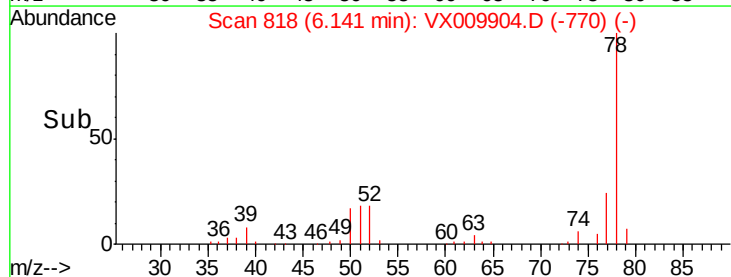
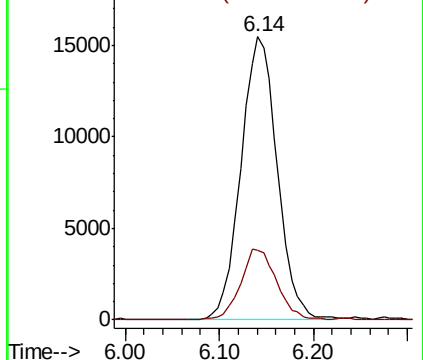


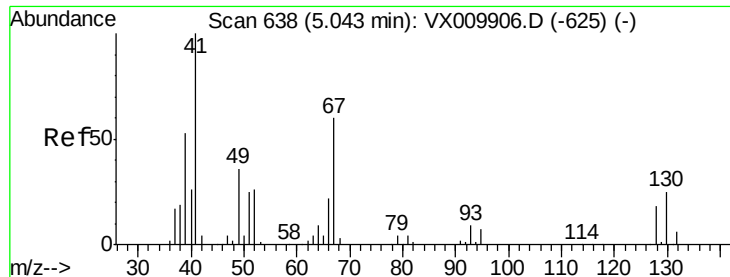
#40
Benzene
Concen: 5.307 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 78 Resp: 41789
Ion Ratio Lower Upper
78 100
77 24.5 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: 5.036 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 41 Resp: 10661

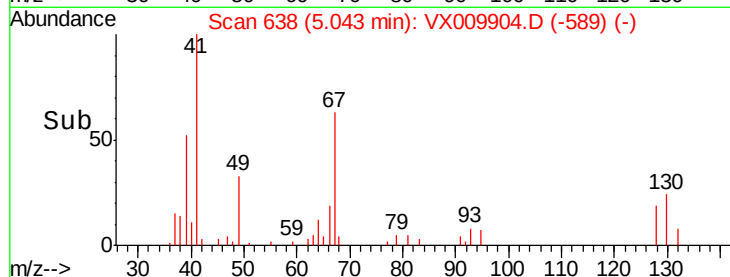
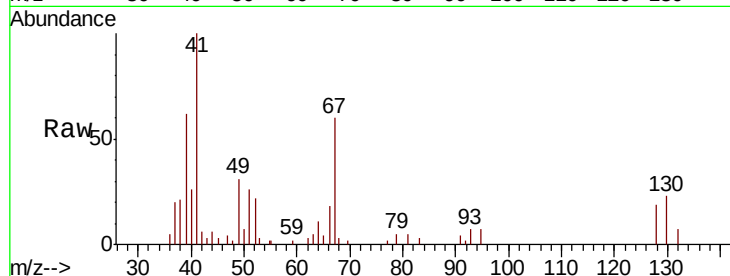
Ion Ratio Lower Upper

41 100

39 53.9 42.2 63.4

67 63.7 48.9 73.3

52 28.7 20.1 30.1

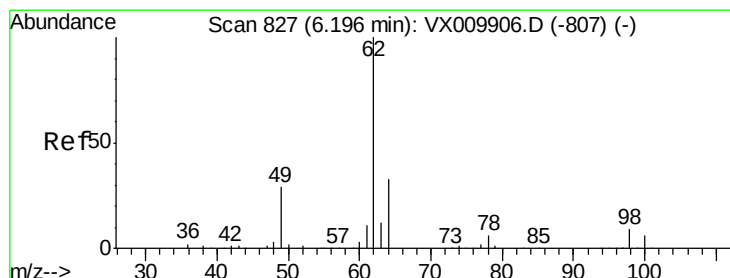
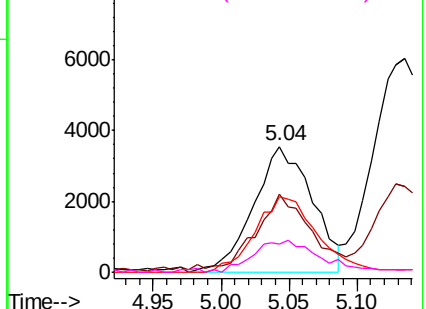


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.473 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009904.D

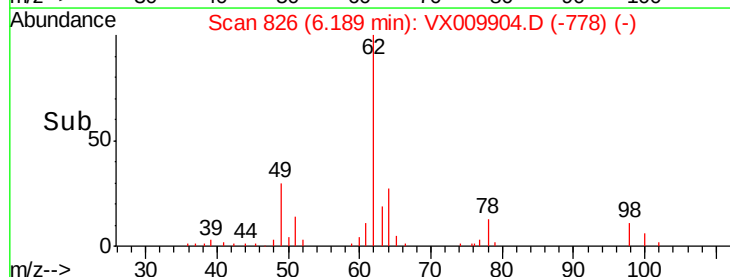
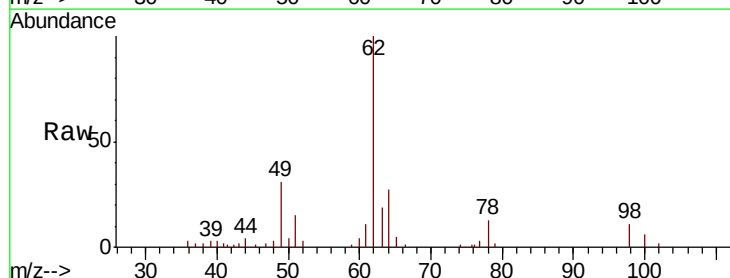
Acq: 28 May 2019 10:20

Tgt Ion: 62 Resp: 15519

Ion Ratio Lower Upper

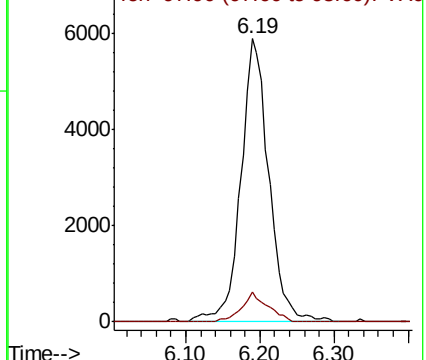
62 100

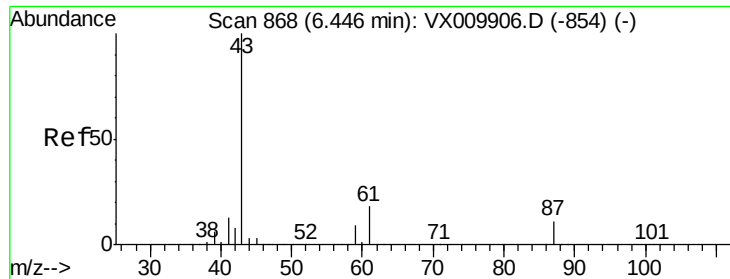
98 9.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.359 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

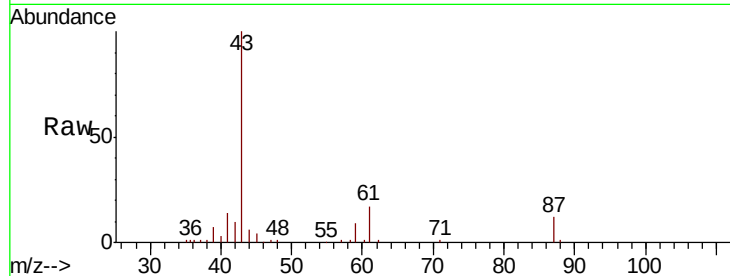
Tot Ion: 43 Resp: 30557

Ion Ratio Lower Upper

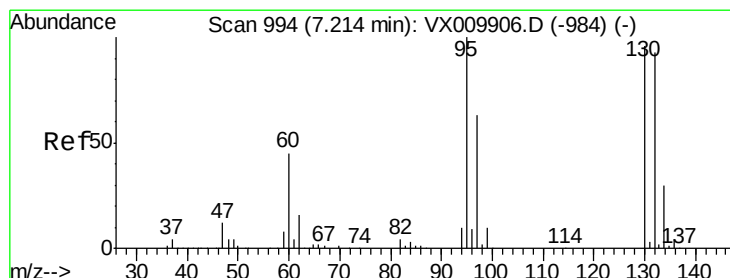
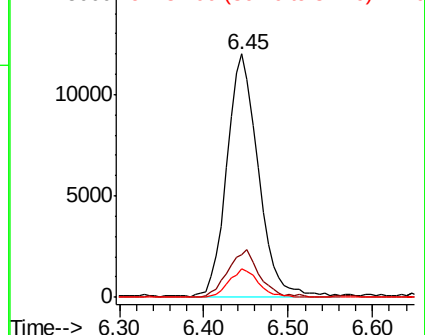
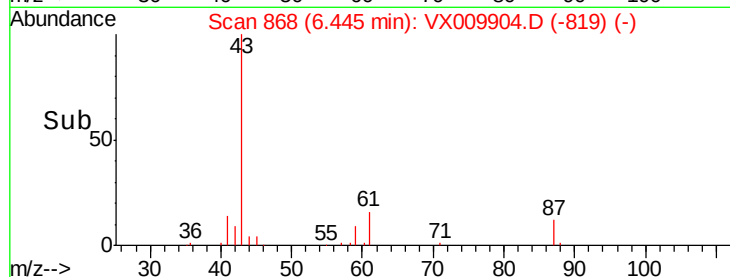
43 100

61 19.3 14.6 21.8

87 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX009904.D (-819) (-)



#44

Trichloroethene

Concen: 5.104 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009904.D

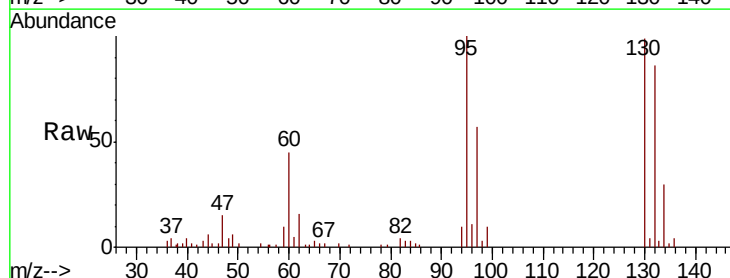
Acq: 28 May 2019 10:20

Tgt Ion: 130 Resp: 9702

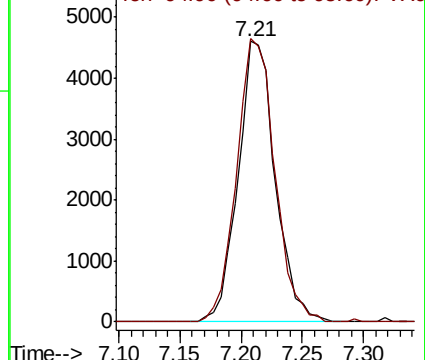
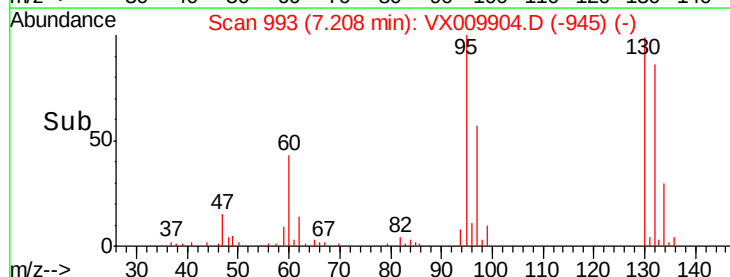
Ion Ratio Lower Upper

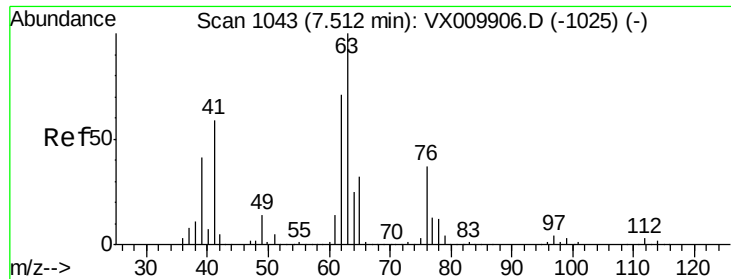
130 100

95 100.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): VX009904.D (-945) (-)

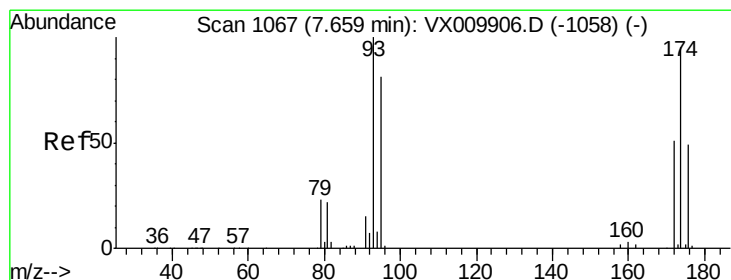
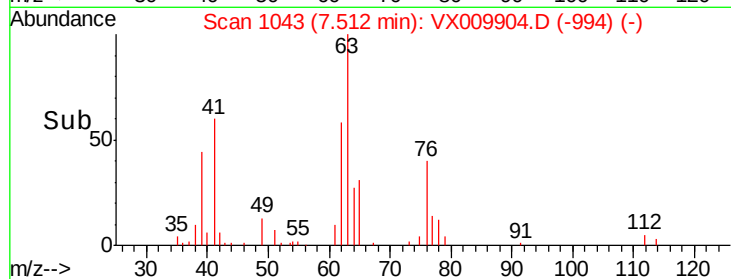
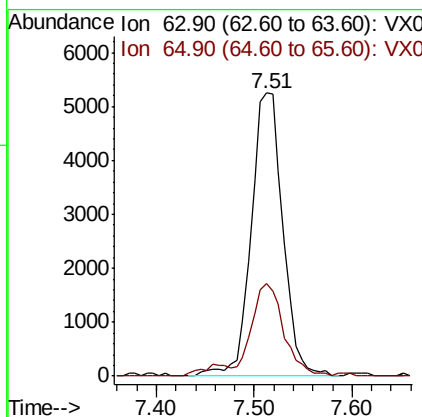
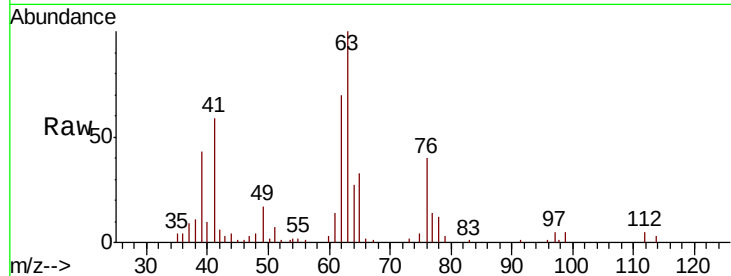




#45
 1,2-Dichloropropane
 Concen: 5.298 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

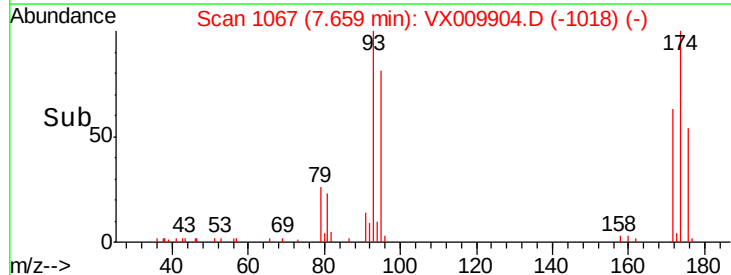
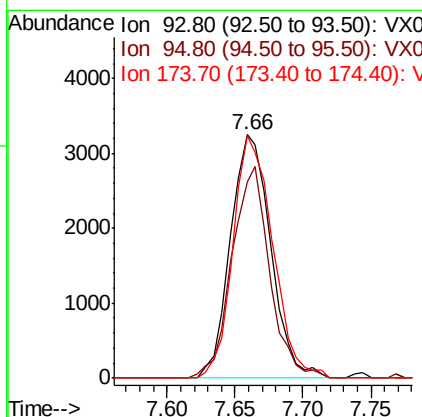
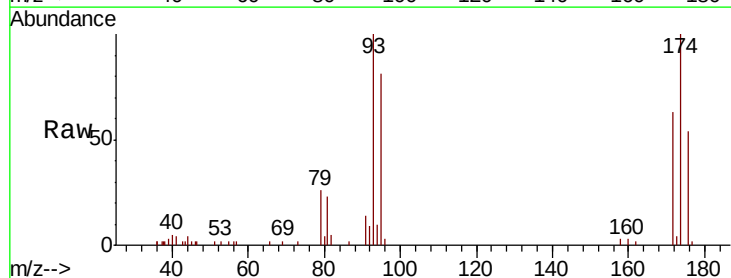
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

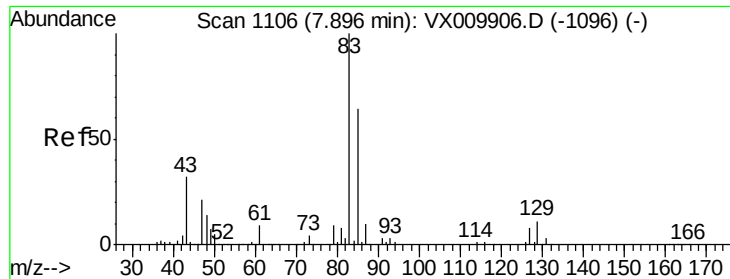
Tot Ion: 63 Resp: 11810
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.7 38.5



#46
 Dibromomethane
 Concen: 5.178 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 93 Resp: 6699
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.8 100.2
 174 98.7 81.9 122.9





#47

Bromodichloromethane

Concen: 4.943 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

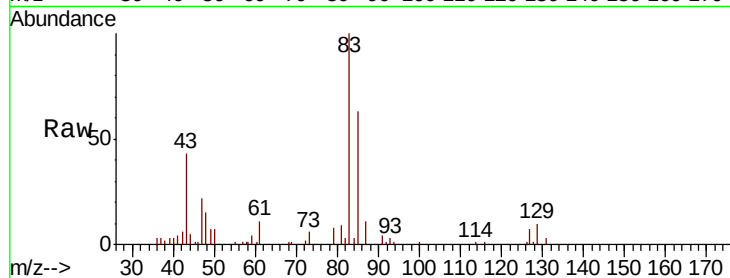
Tot Ion: 83 Resp: 12732

Ion Ratio Lower Upper

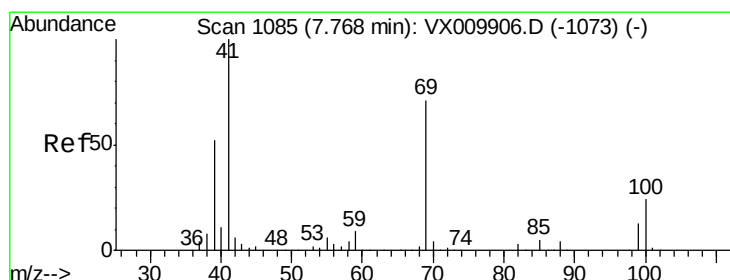
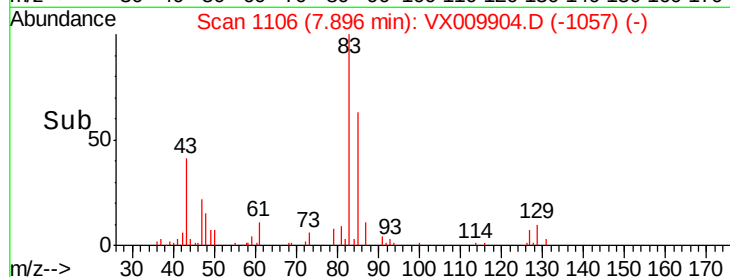
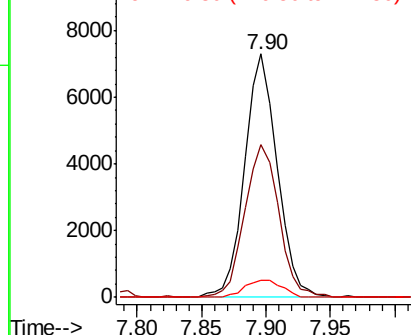
83 100

85 62.5 51.4 77.2

127 7.0 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: 5.145 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

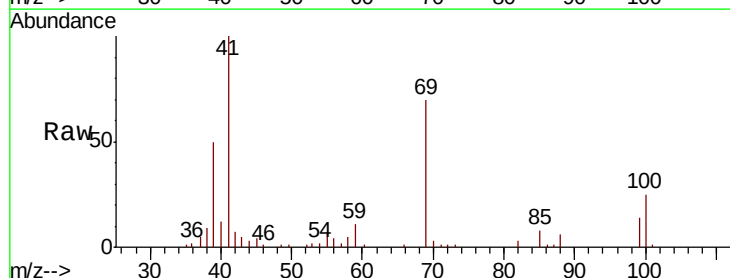
Tgt Ion: 41 Resp: 14603

Ion Ratio Lower Upper

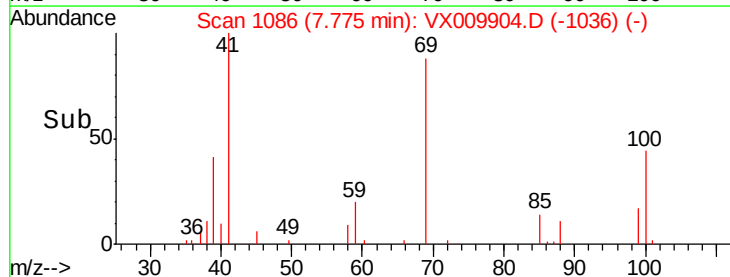
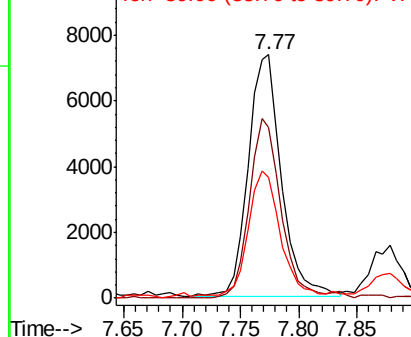
41 100

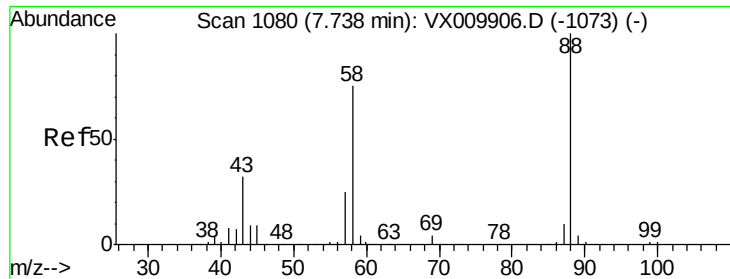
69 70.4 56.4 84.6

39 50.8 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

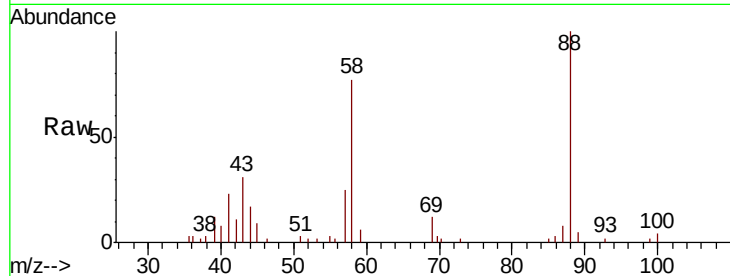




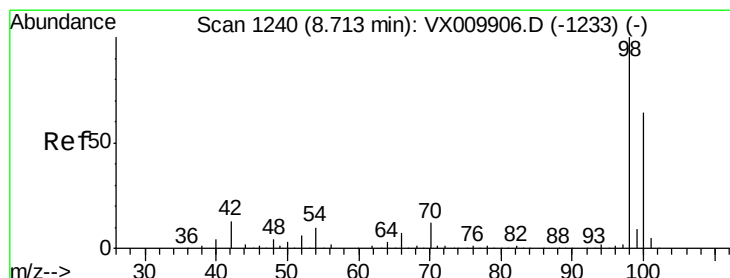
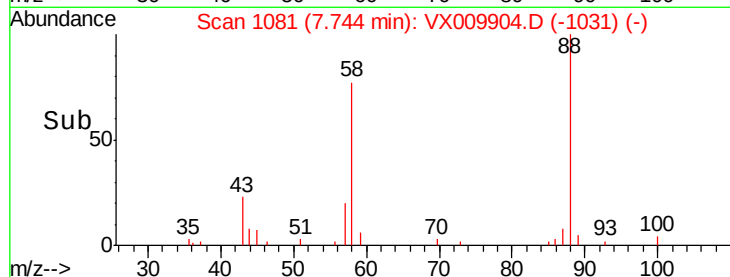
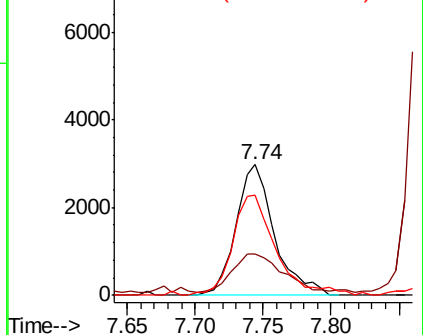
#49
1,4-Dioxane
Concen: 103.096 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 5855
Ion Ratio Lower Upper
88 100
43 38.3 30.2 45.4
58 86.0 64.0 96.0

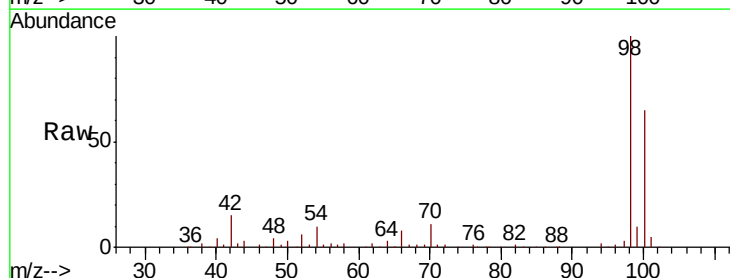


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

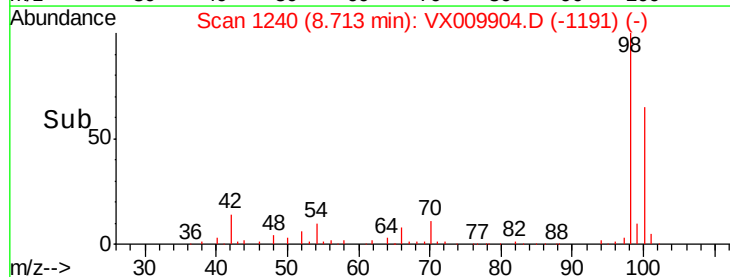
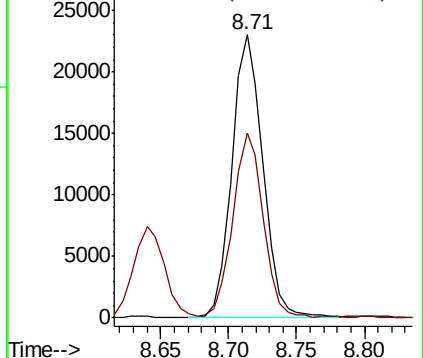


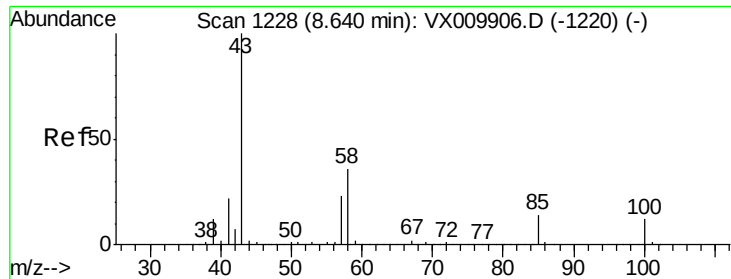
#50
Toluene-d8
Concen: 5.334 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 98 Resp: 36462
Ion Ratio Lower Upper
98 100
100 63.2 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: 27.178 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

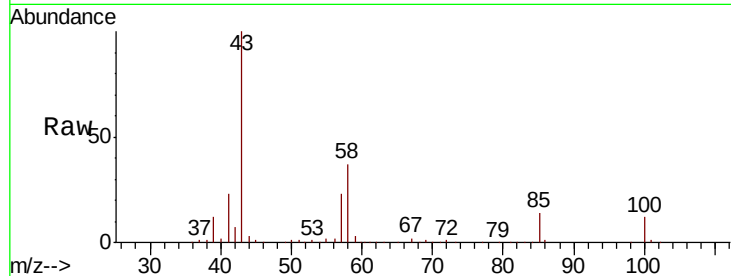
VSTDIC005

Tot Ion: 43 Resp: 101545

Ion Ratio Lower Upper

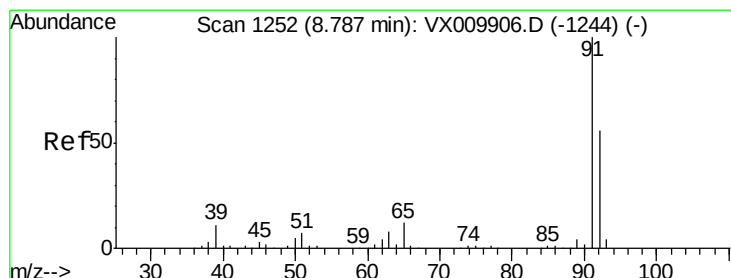
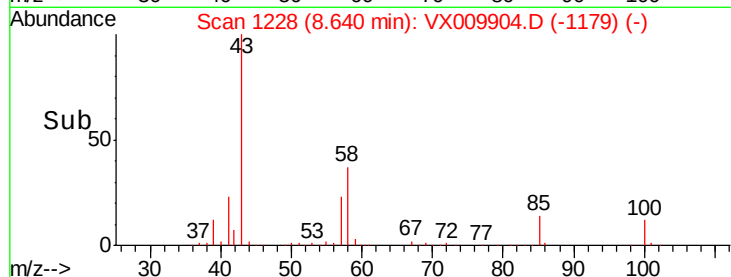
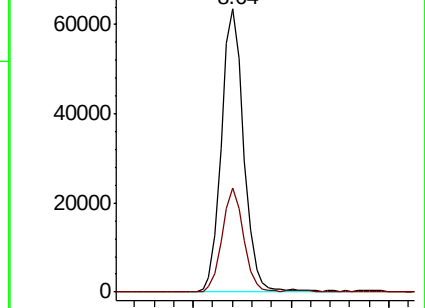
43 100

58 35.1 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: 5.254 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009904.D

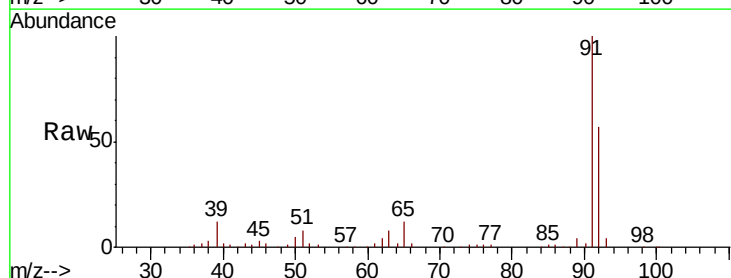
Acq: 28 May 2019 10:20

Tgt Ion: 92 Resp: 25152

Ion Ratio Lower Upper

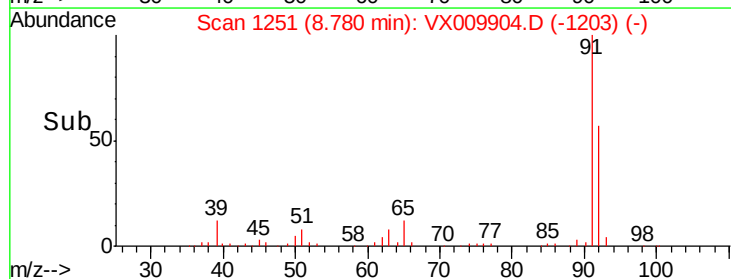
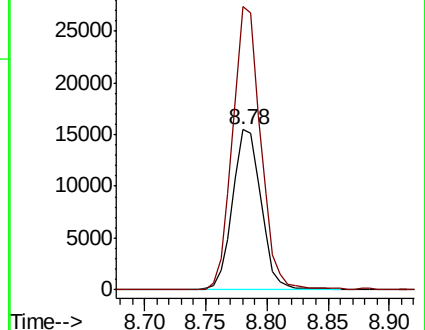
92 100

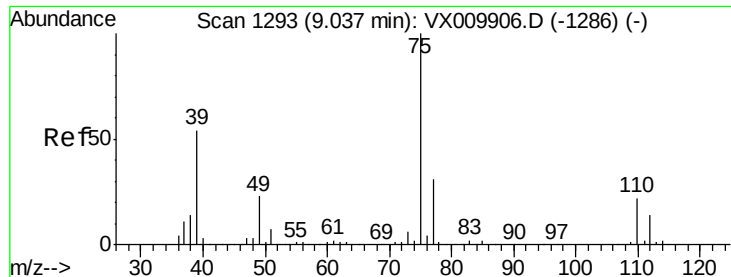
91 172.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

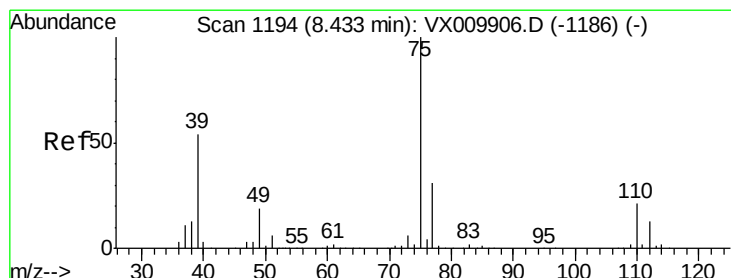
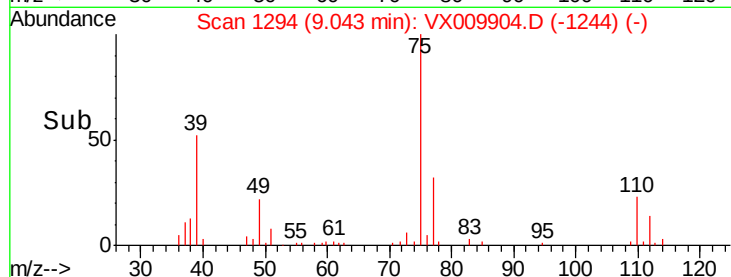
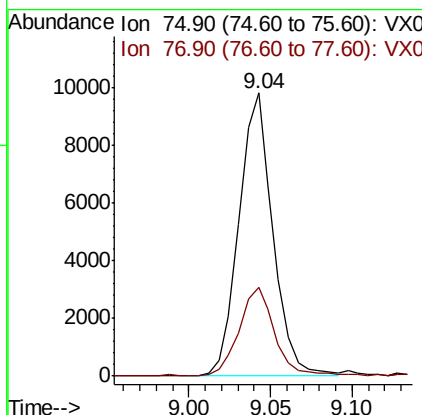
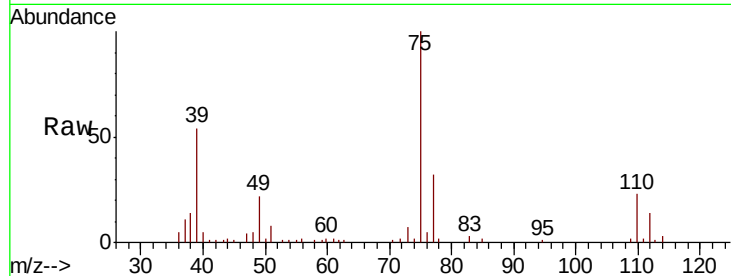




#53
 t-1,3-Dichloropropene
 Concen: 4.848 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

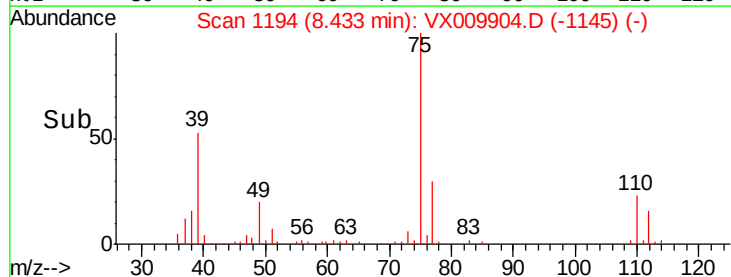
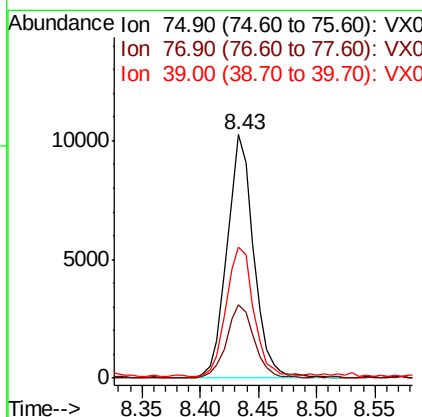
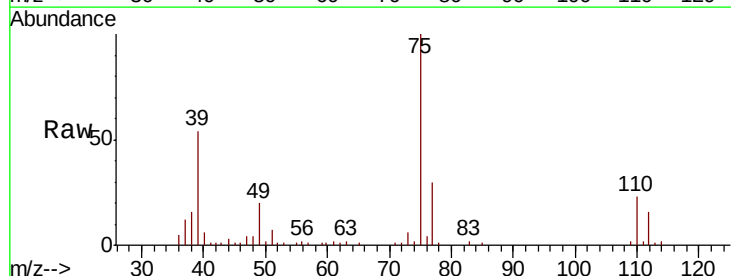
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

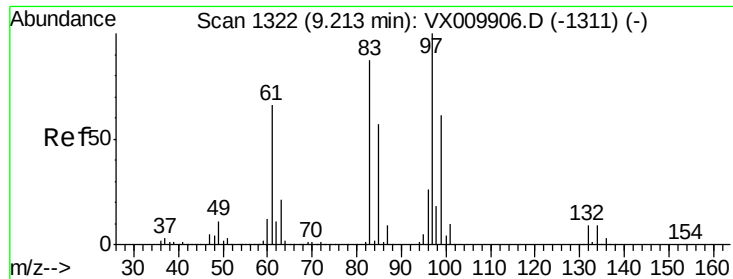
Tot Ion: 75 Resp: 14213
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 5.062 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 75 Resp: 16362
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.8 37.2
 39 53.1 43.4 65.0

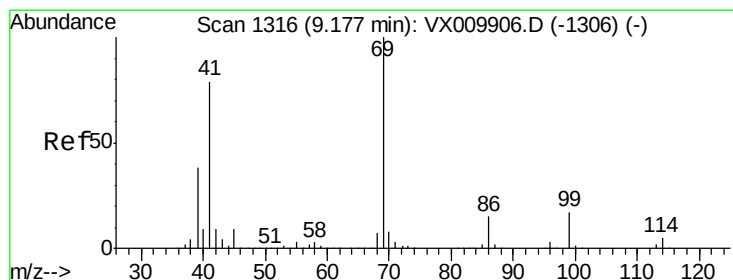
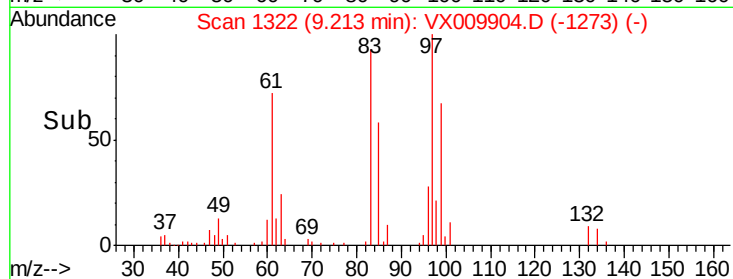
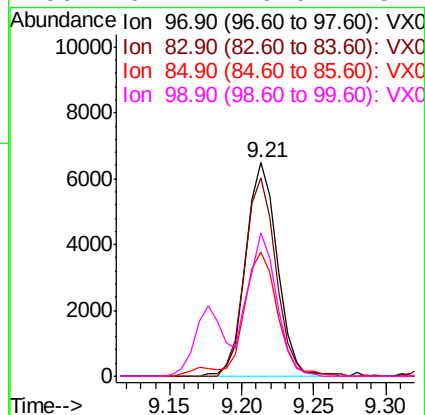
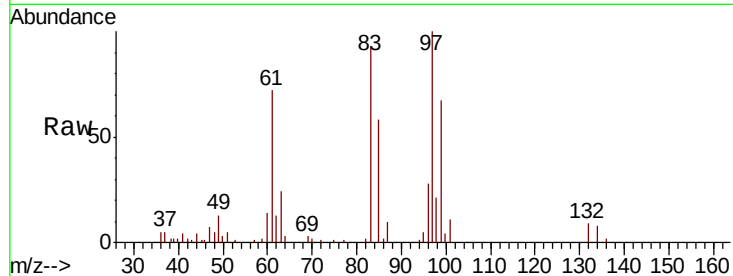




#55
 1,1,2-Trichloroethane
 Concen: 5.058 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

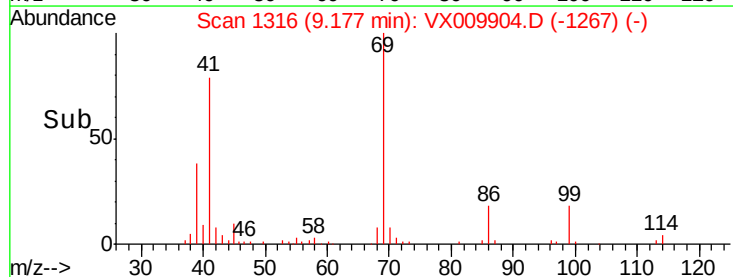
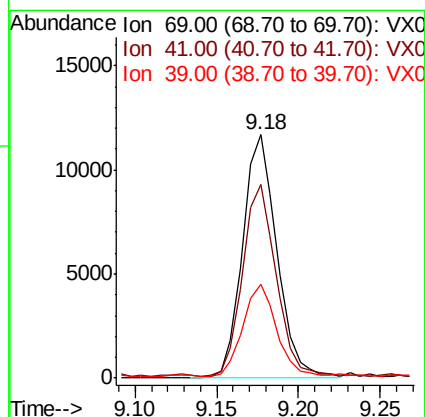
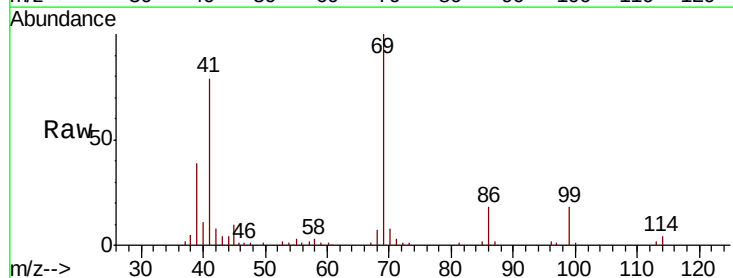
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

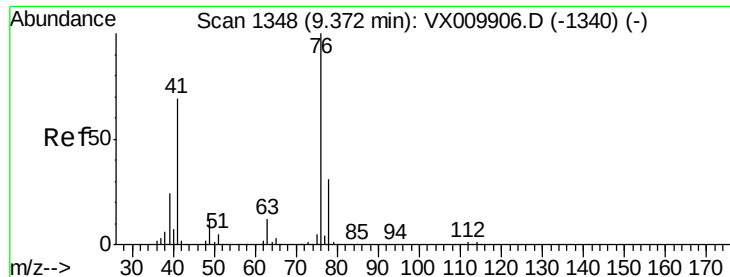
Tot Ion:	97	Resp:	9829
Ion	Ratio	Lower	Upper
97	100		
83	92.8	69.8	104.8
85	57.2	45.3	67.9
99	67.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 4.909 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion:	69	Resp:	17151
Ion	Ratio	Lower	Upper
69	100		
41	77.5	62.7	94.1
39	37.2	29.5	44.3





#57

1,3-Dichloropropane

Concen: 5.251 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

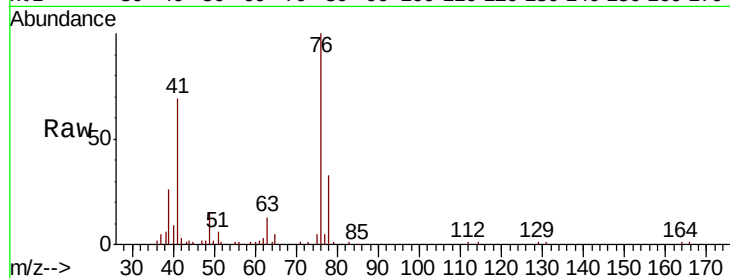
VSTDIC005

Tot Ion: 76 Resp: 18034

Ion Ratio Lower Upper

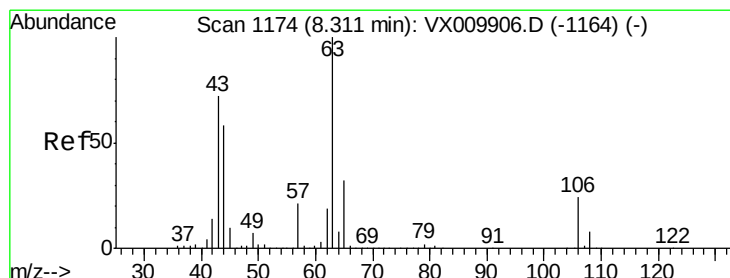
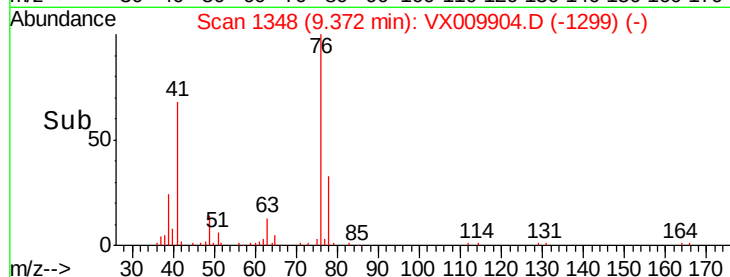
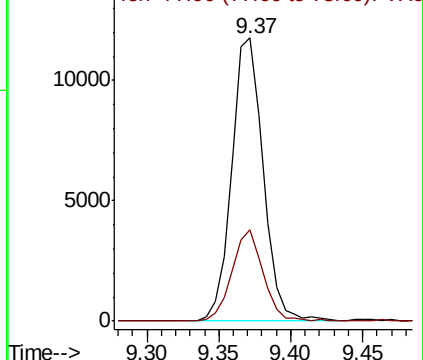
76 100

78 32.0 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.953 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009904.D

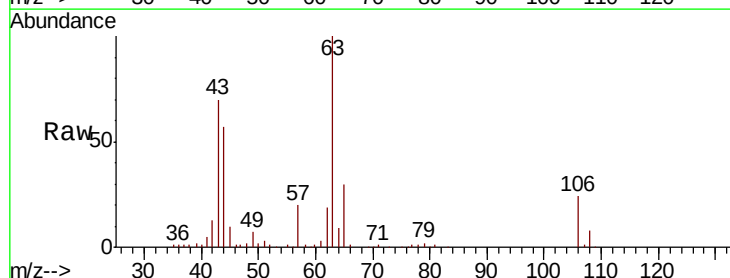
Acq: 28 May 2019 10:20

Tgt Ion: 63 Resp: 45766

Ion Ratio Lower Upper

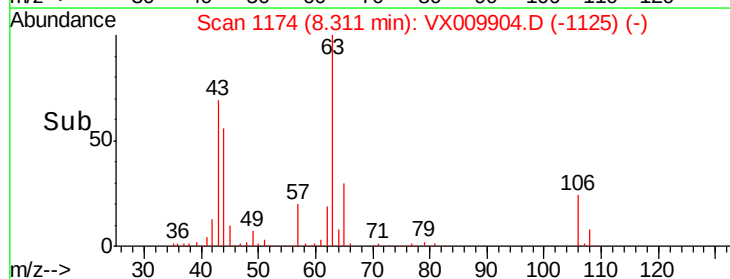
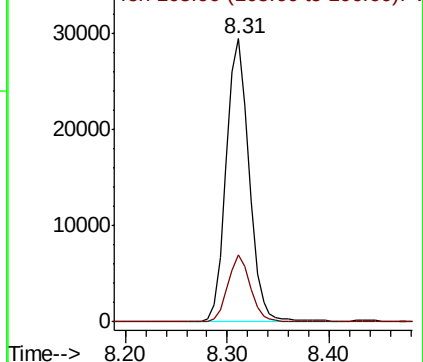
63 100

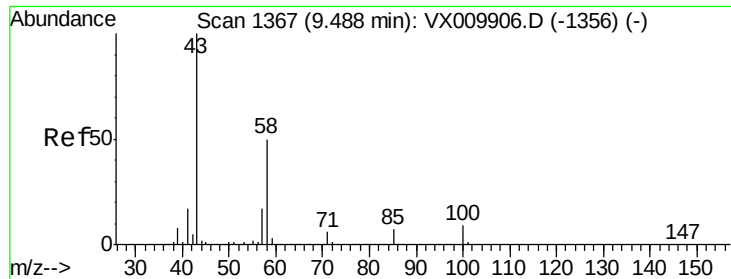
106 23.1 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

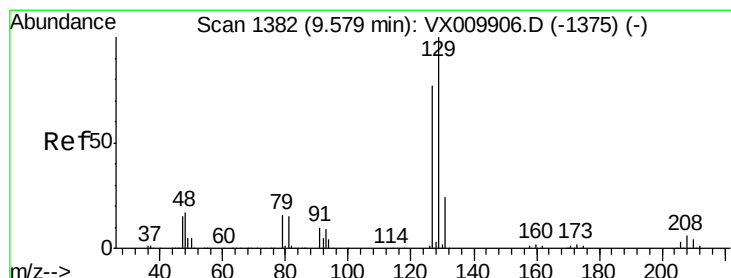
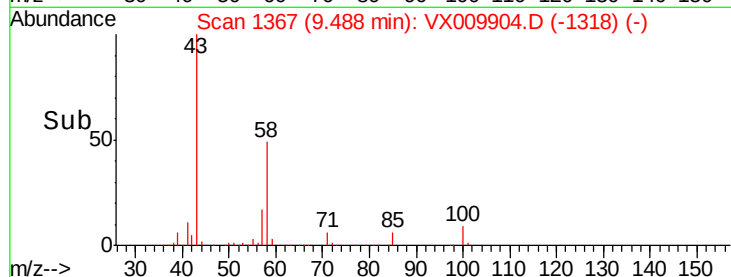
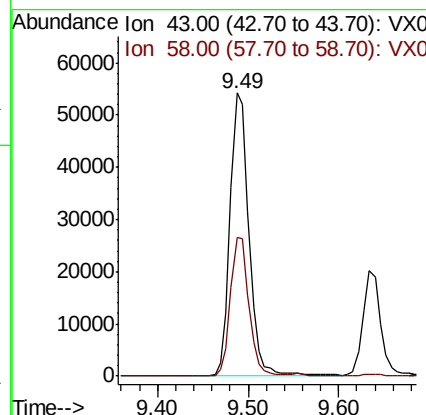
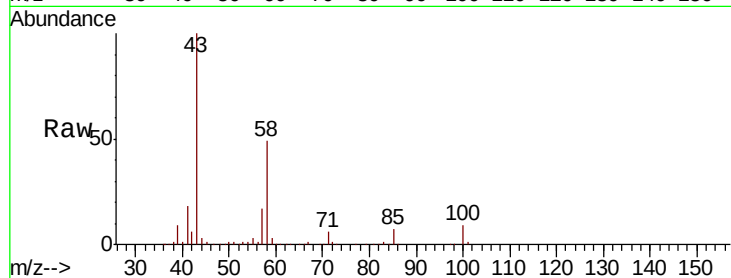




#59
2-Hexanone
Concen: 26.929 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

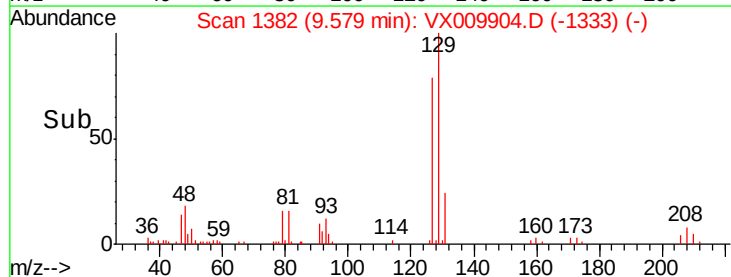
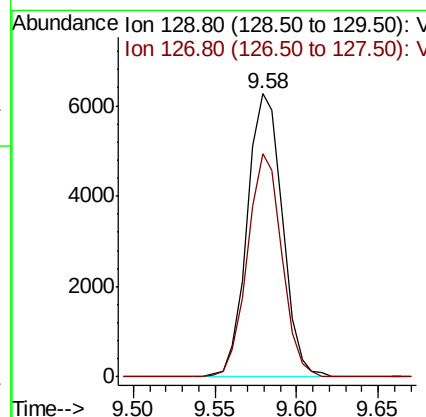
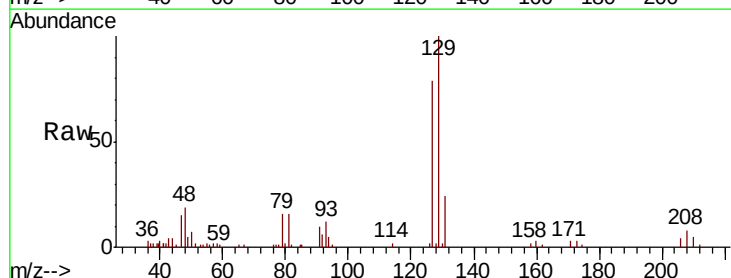
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

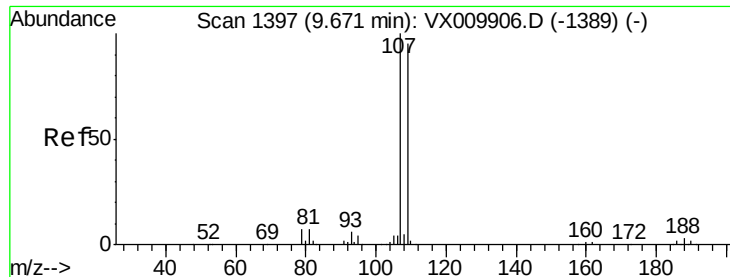
Tot Ion: 43 Resp: 78950
Ion Ratio Lower Upper
43 100
58 48.4 25.1 75.3



#60
Dibromochloromethane
Concen: 4.954 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 129 Resp: 9438
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 5.081 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

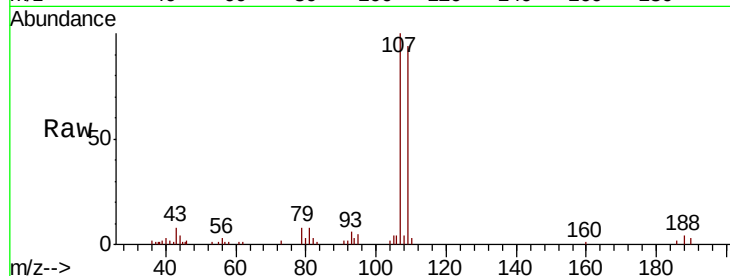
VSTDIC005

Tot Ion:107 Resp: 9983

Ion Ratio Lower Upper

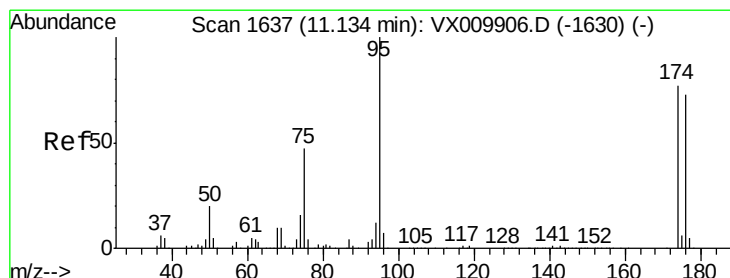
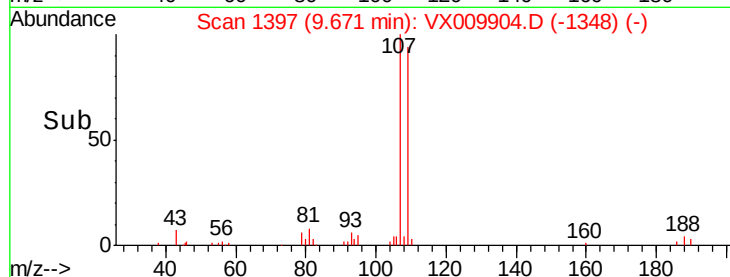
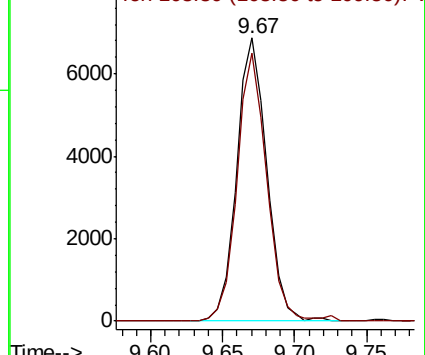
107 100

109 93.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.902 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

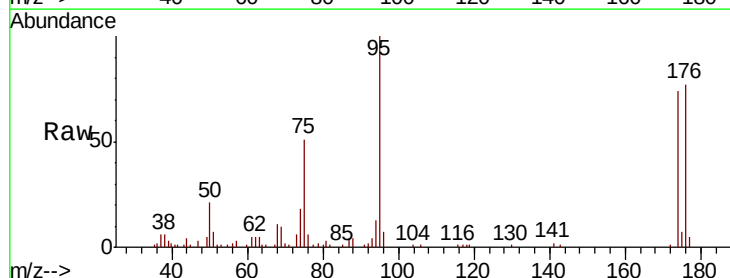
Tgt Ion: 95 Resp: 12207

Ion Ratio Lower Upper

95 100

174 77.6 0.0 160.4

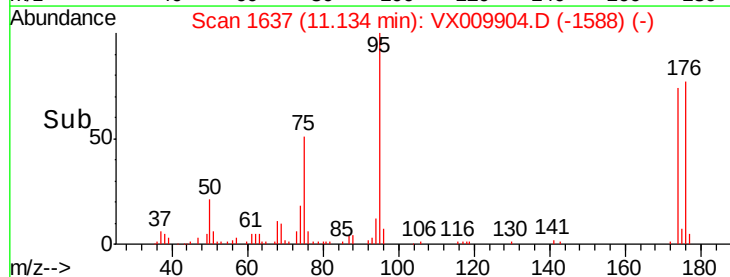
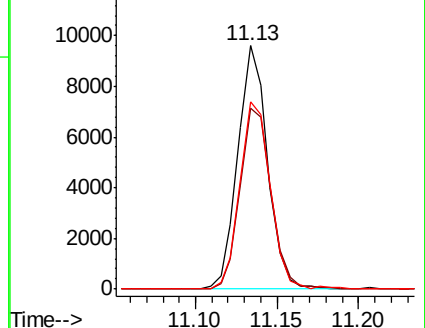
176 78.4 0.0 154.6

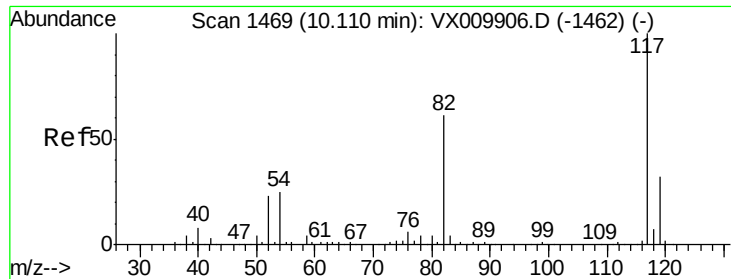


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

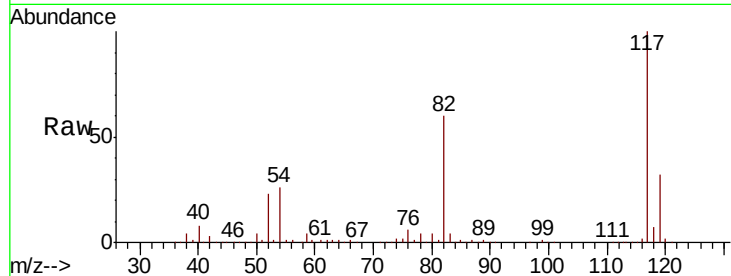




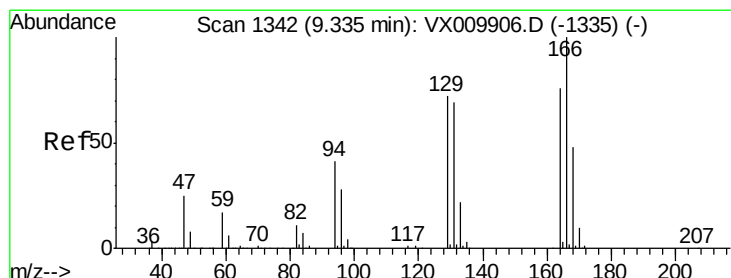
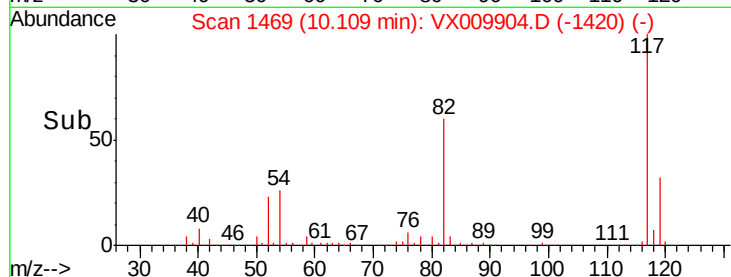
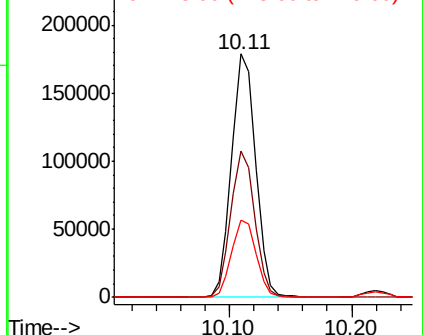
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 244268
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.8 25.2 37.8

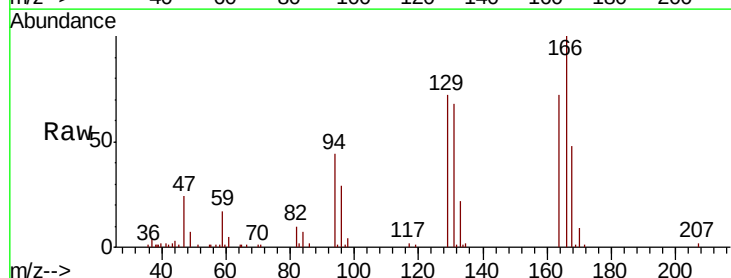


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

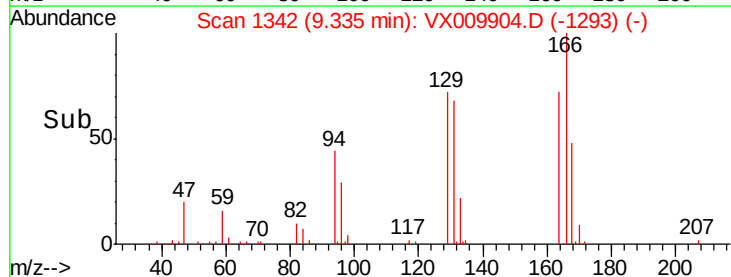
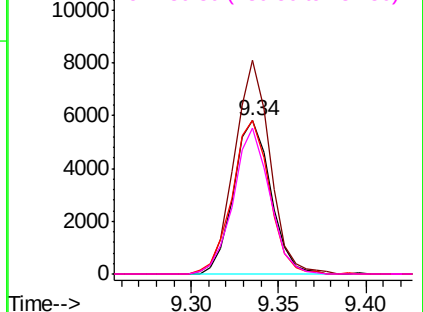


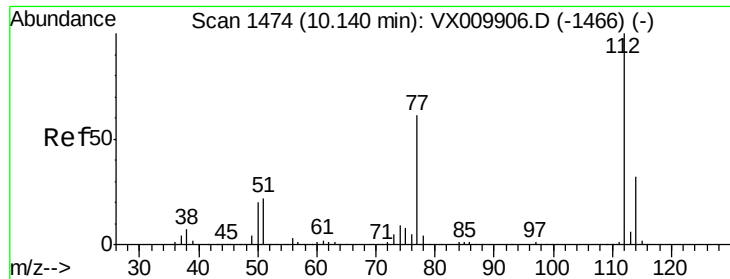
#64
Tetrachloroethene
Concen: 5.101 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion:164 Resp: 8614
Ion Ratio Lower Upper
164 100
166 139.4 105.0 157.4
129 100.7 75.1 112.7
131 95.3 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

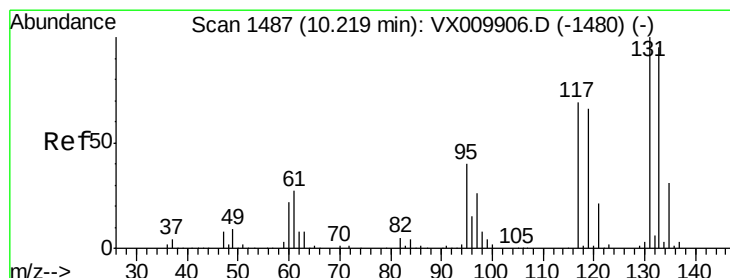
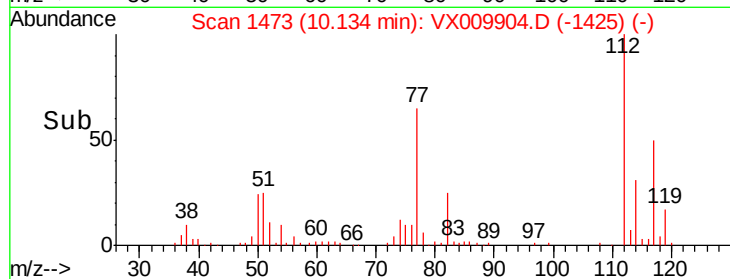
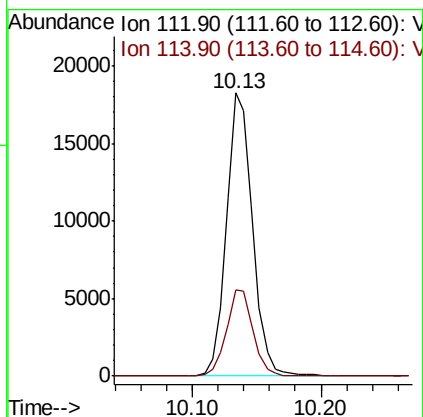
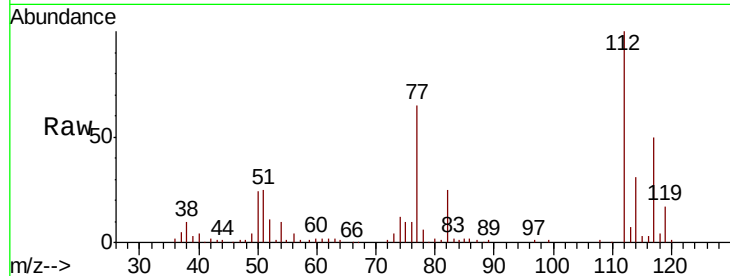




#65
Chlorobenzene
Concen: 5.256 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

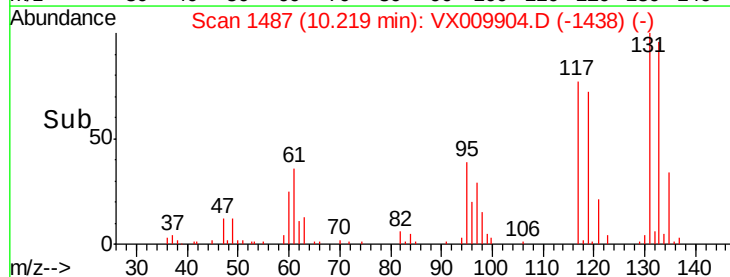
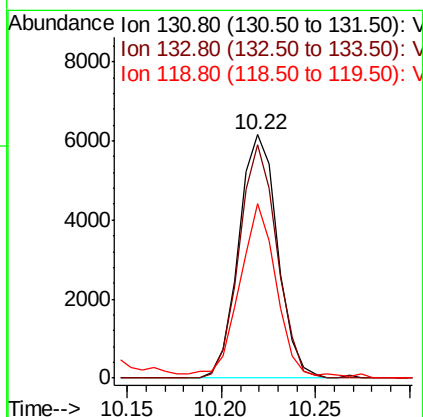
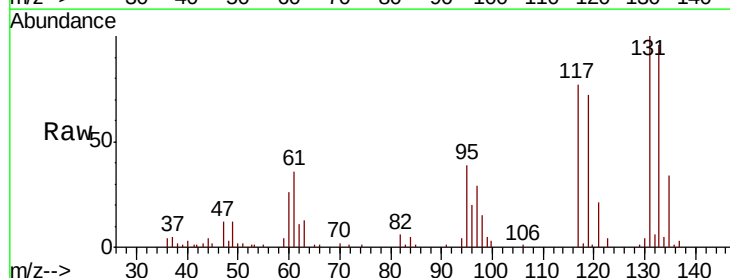
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

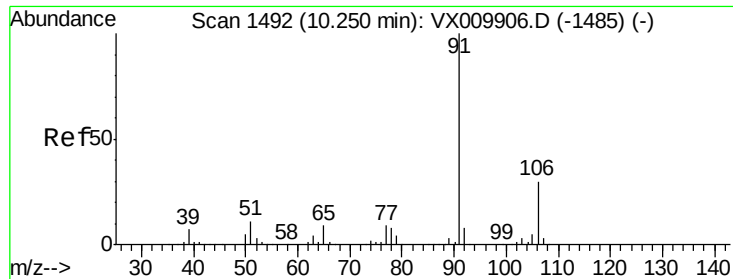
Tot Ion:112 Resp: 25840
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.937 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion:131 Resp: 8788
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 69.2 33.4 100.1

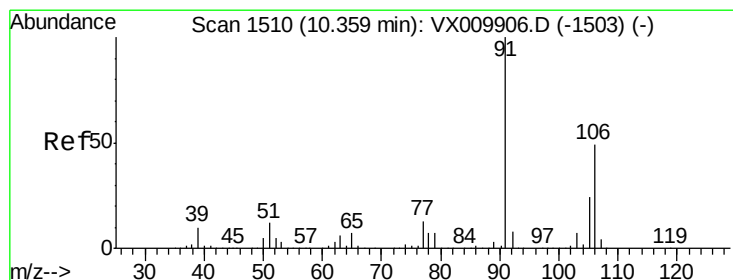
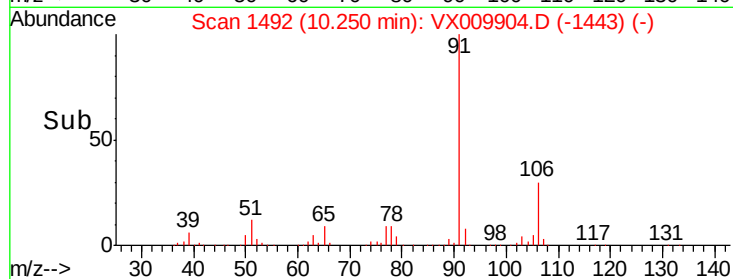
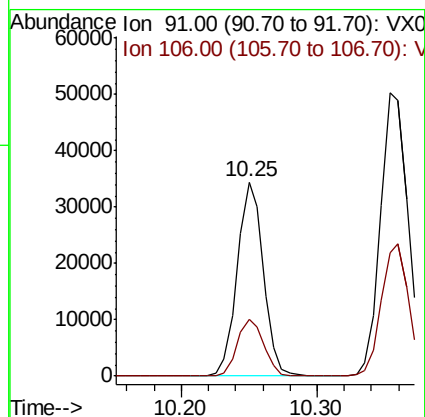
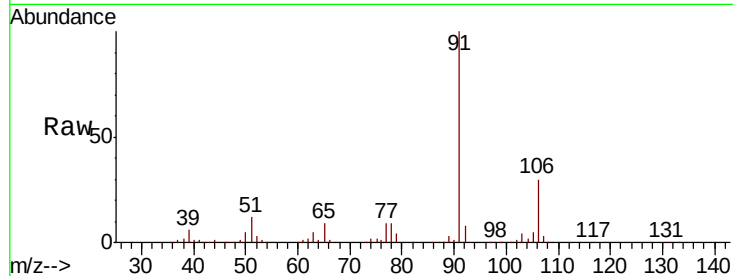




#67
Ethyl Benzene
Concen: 5.107 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

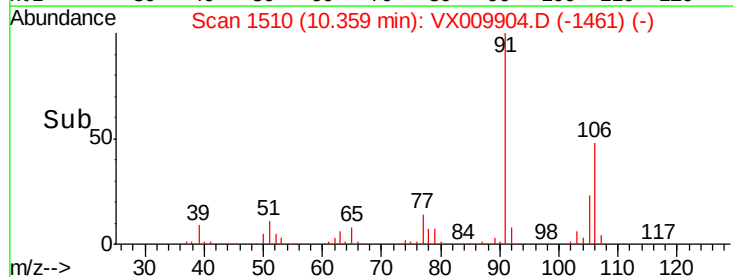
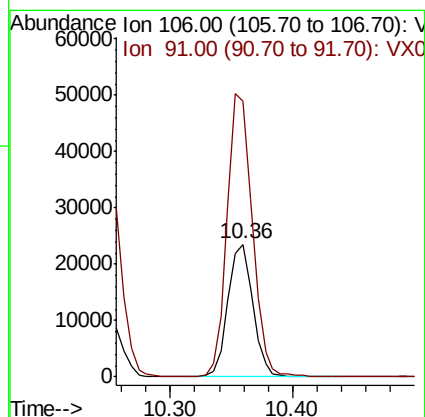
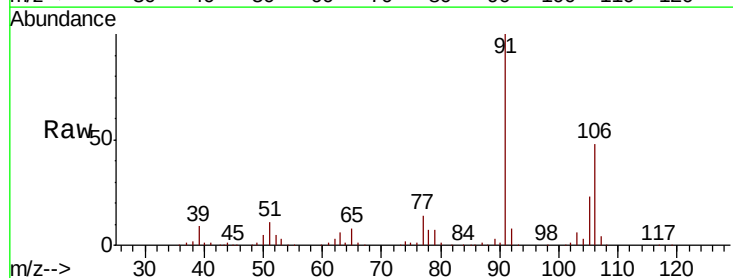
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

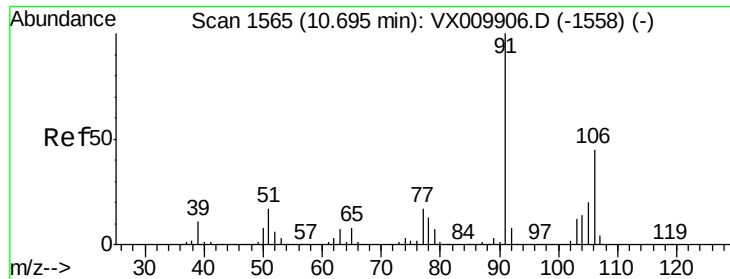
Tot Ion: 91 Resp: 46228
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9



#68
m/p-Xylenes
Concen: 10.114 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion: 106 Resp: 33486
Ion Ratio Lower Upper
106 100
91 212.7 167.3 250.9

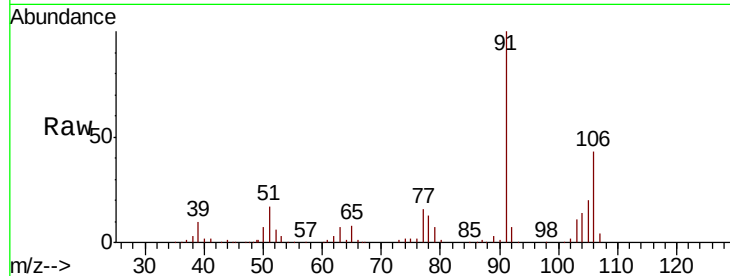




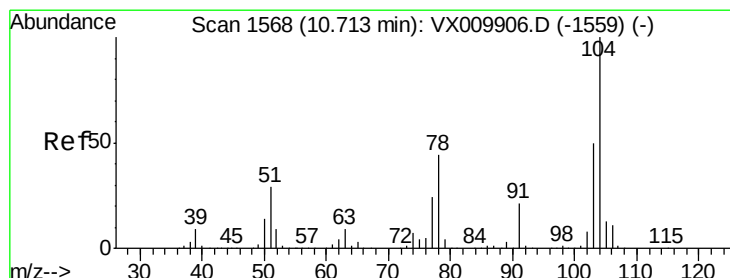
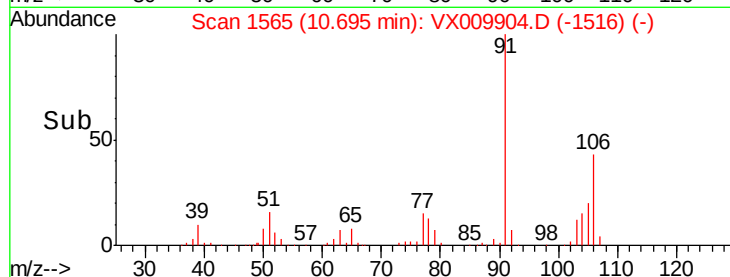
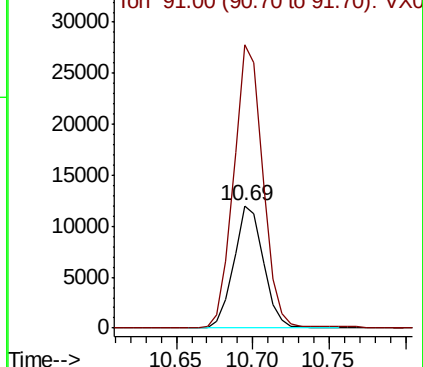
#69
o-Xylene
Concen: 4.924 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 16076
Ion Ratio Lower Upper
106 100
91 229.1 110.4 331.2

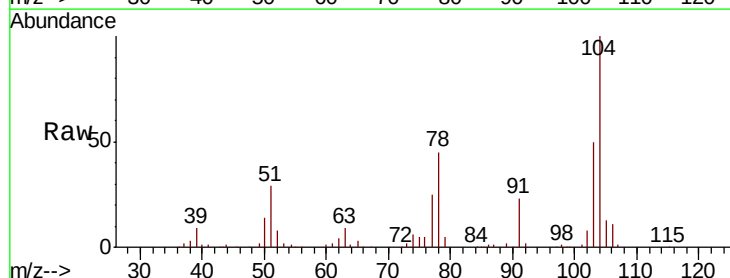


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

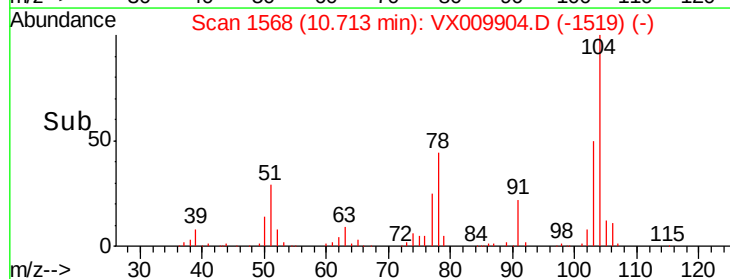
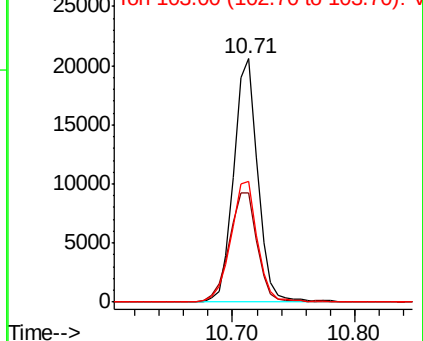


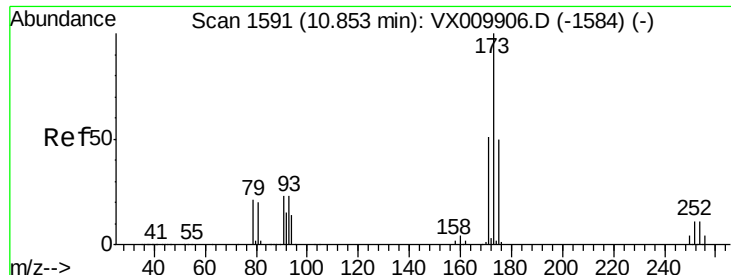
#70
Styrene
Concen: 4.916 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion:104 Resp: 27821
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 54.7 44.1 66.1



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





#71

Bromoform

Concen: 4.849 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

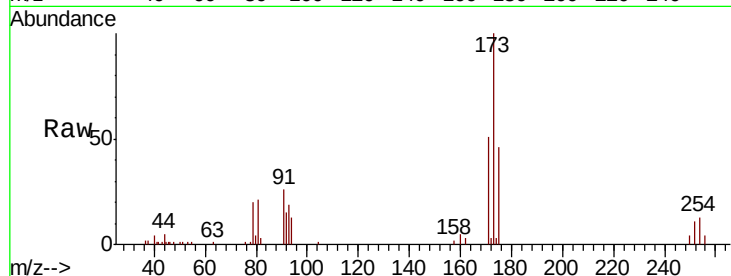
Tot Ion:173 Resp: 7025

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

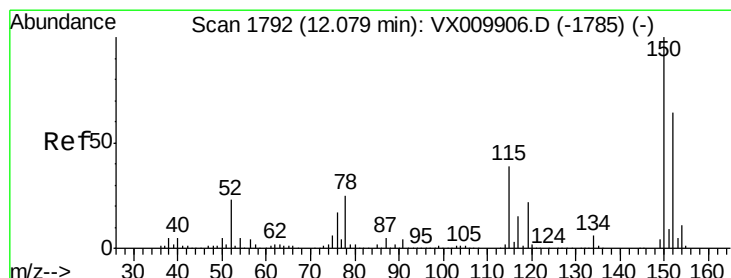
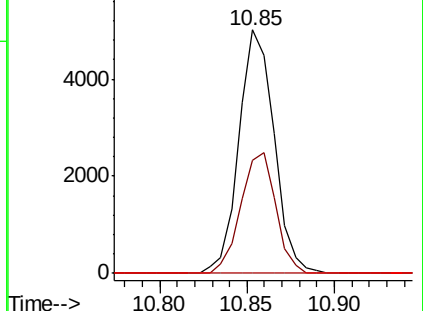
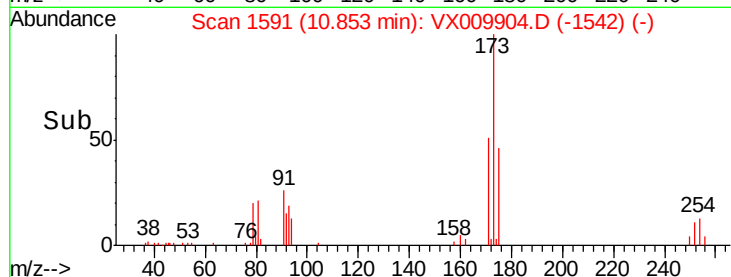
254 0.0 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

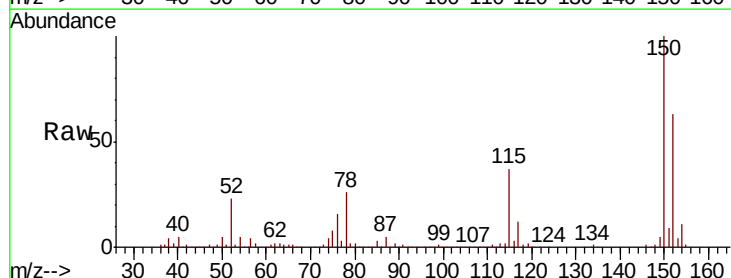
Tgt Ion:152 Resp: 116229

Ion Ratio Lower Upper

152 100

115 61.1 41.4 124.2

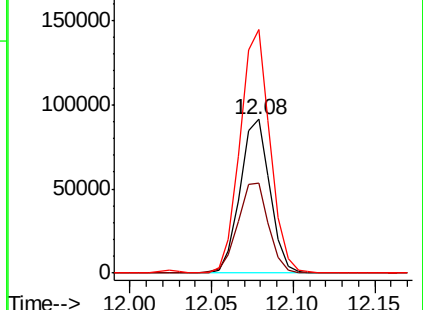
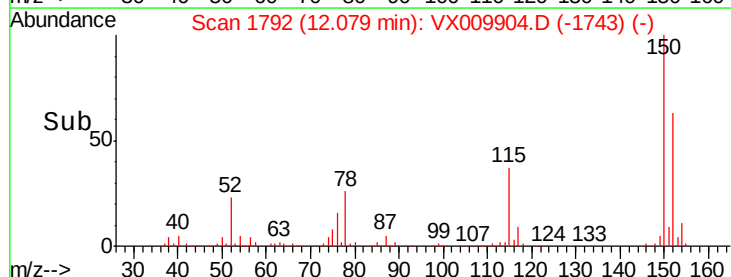
150 158.7 0.0 345.2

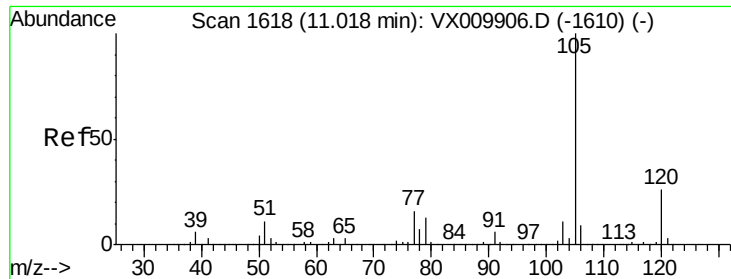


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.090 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

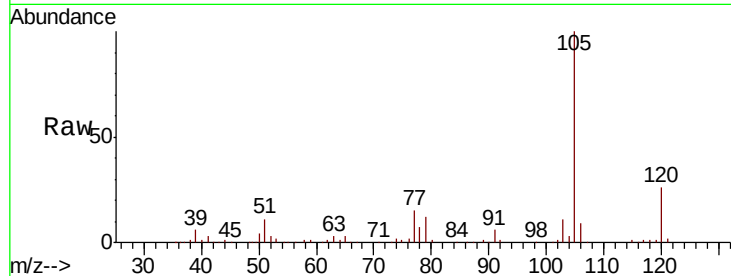
VSTDIC005

Tot Ion:105 Resp: 43285

Ion Ratio Lower Upper

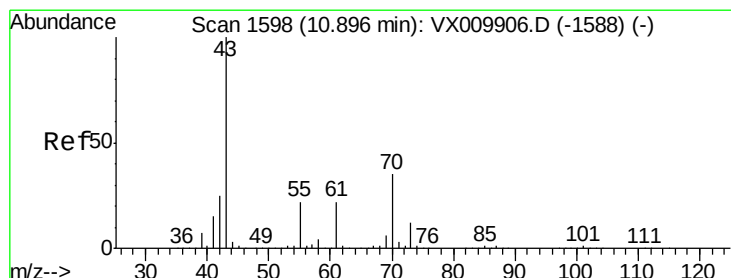
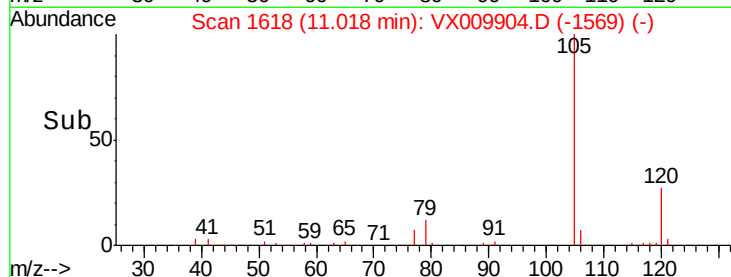
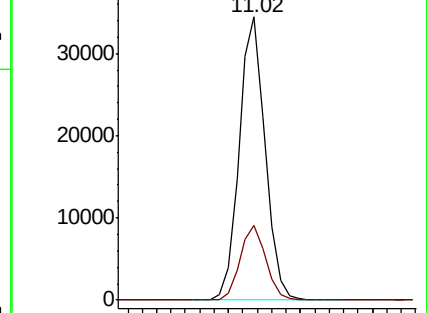
105 100

120 26.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.045 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Tgt Ion: 43 Resp: 25104

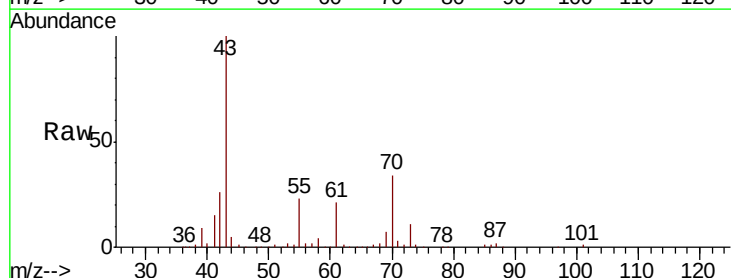
Ion Ratio Lower Upper

43 100

70 36.0 28.6 43.0

55 23.8 17.8 26.8

61 22.1 17.7 26.5

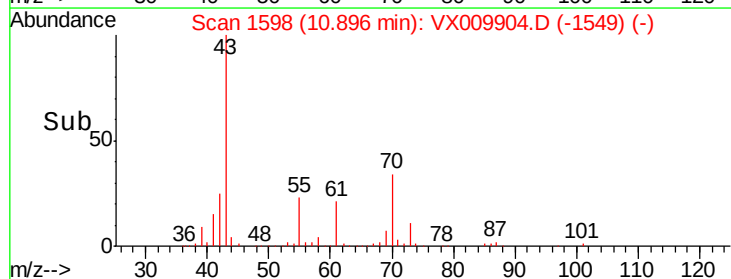
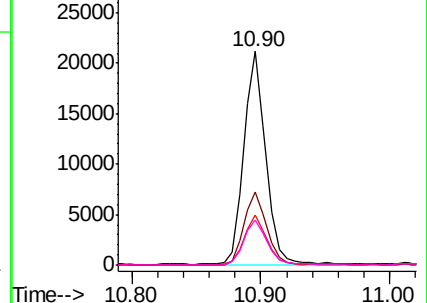


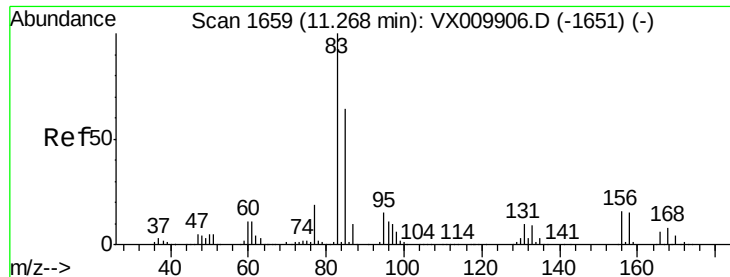
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.286 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

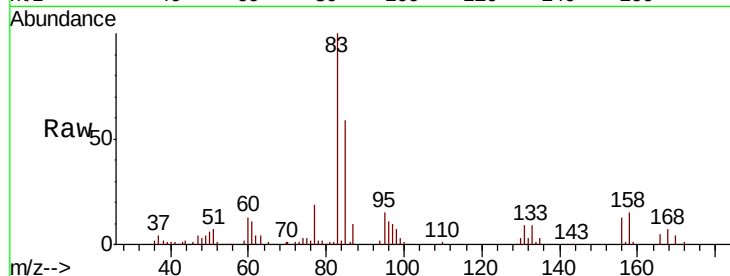
Tot Ion: 83 Resp: 16680

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

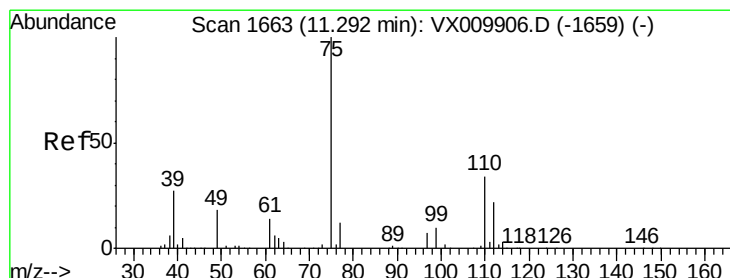
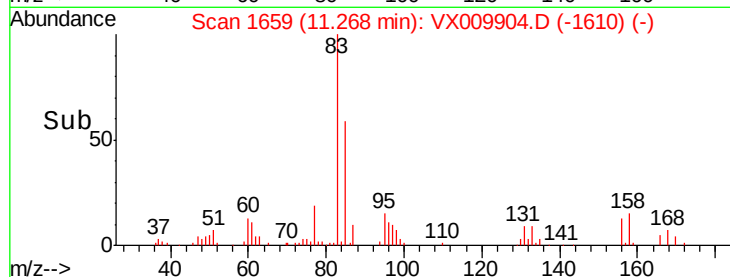
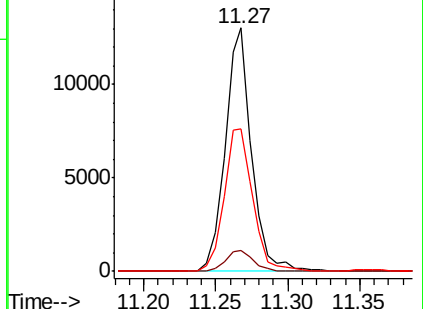
85 63.4 31.9 95.9



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: 7.255 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009904.D

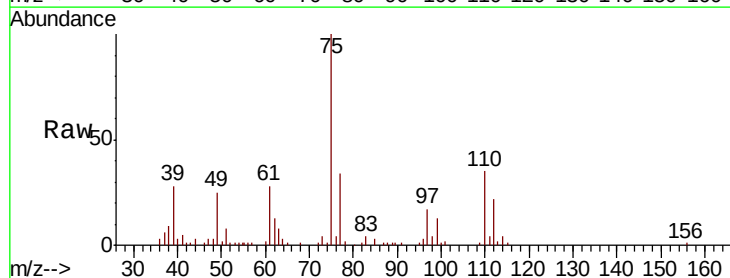
Acq: 28 May 2019 10:20

Tgt Ion: 75 Resp: 19692

Ion Ratio Lower Upper

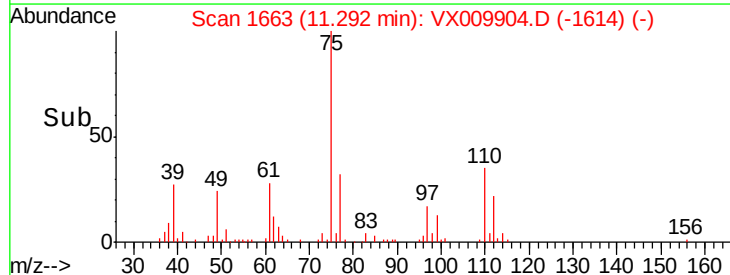
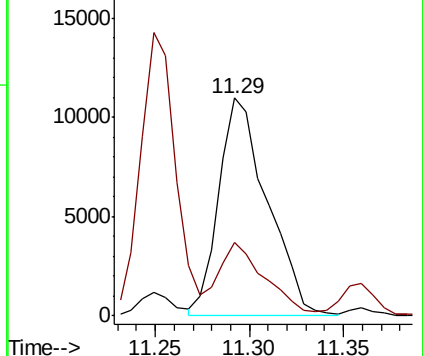
75 100

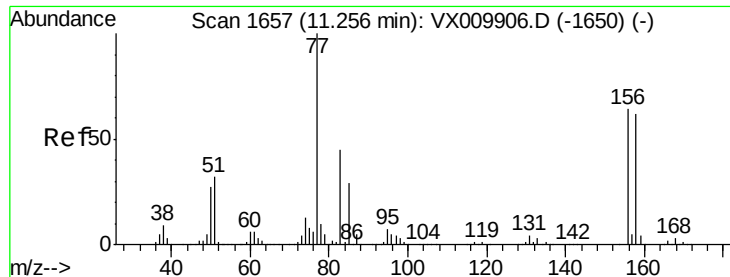
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.013 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

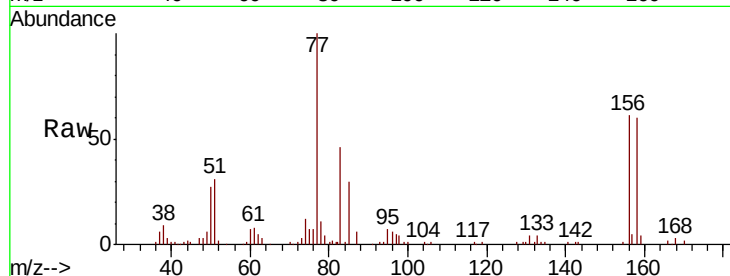
Tot Ion:156 Resp: 10570

Ion Ratio Lower Upper

156 100

77 176.3 86.8 260.3

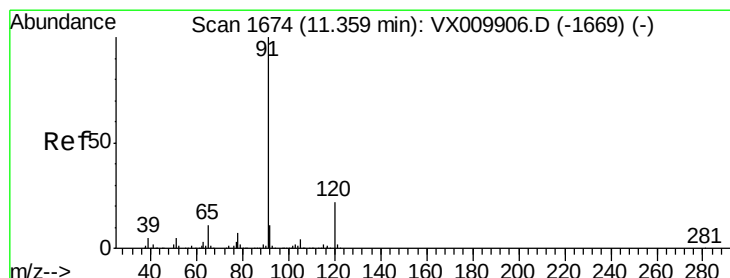
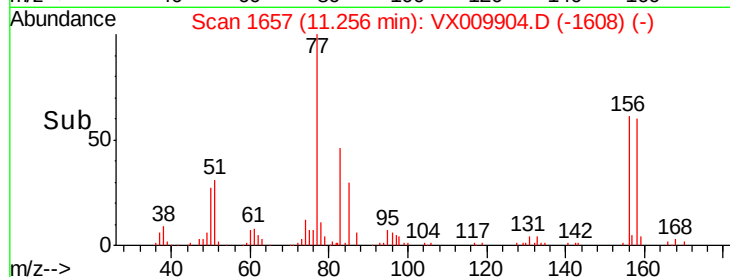
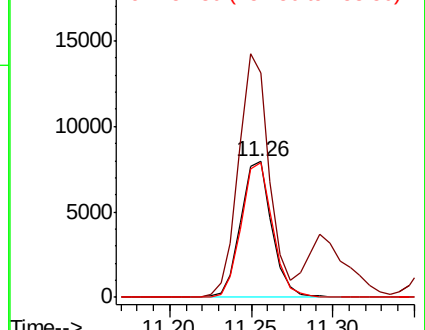
158 99.5 49.6 148.8



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: 5.046 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009904.D

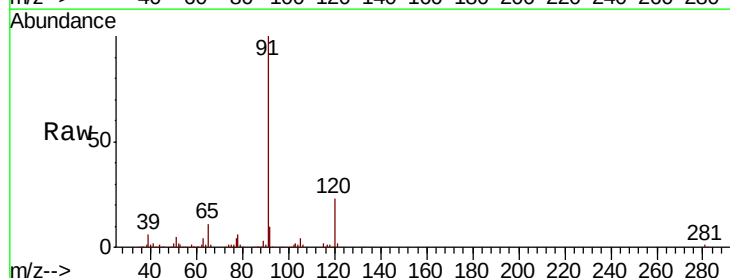
Acq: 28 May 2019 10:20

Tgt Ion: 91 Resp: 49101

Ion Ratio Lower Upper

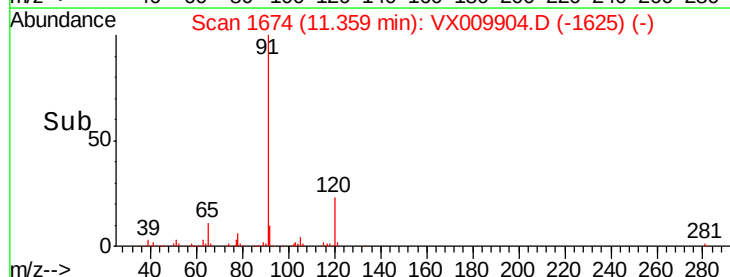
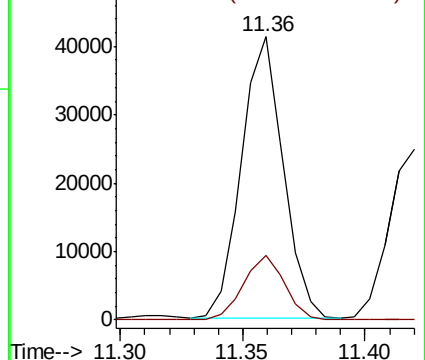
91 100

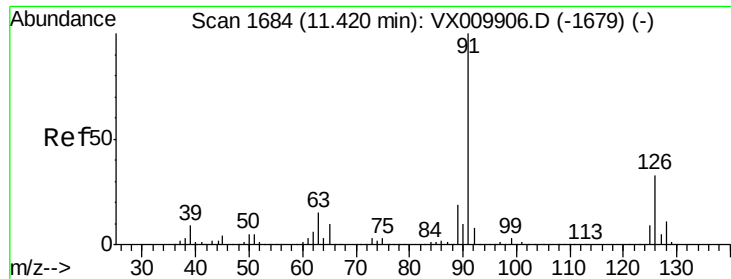
120 22.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

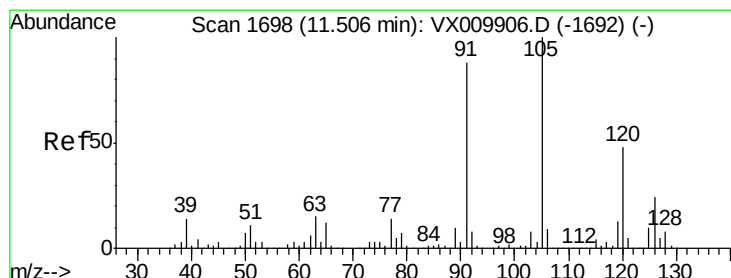
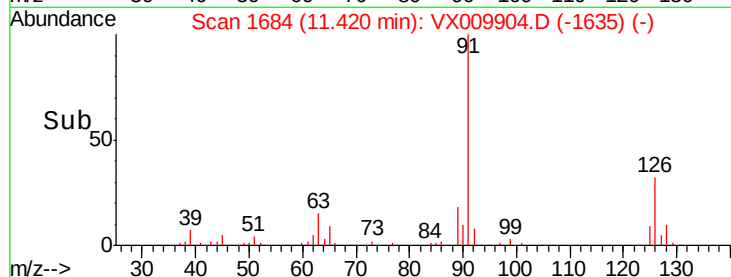
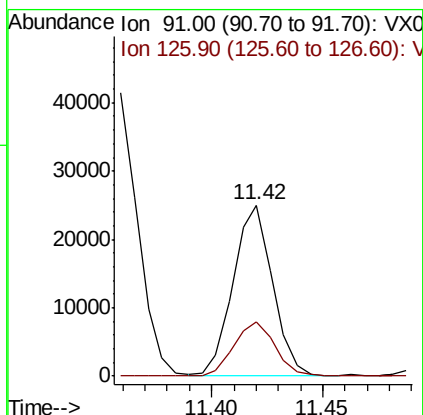
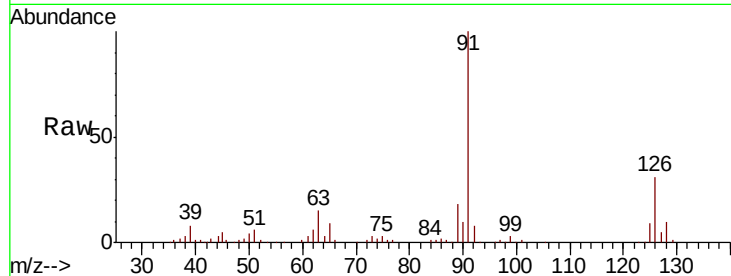




#79
 2-Chlorotoluene
 Concen: 5.107 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

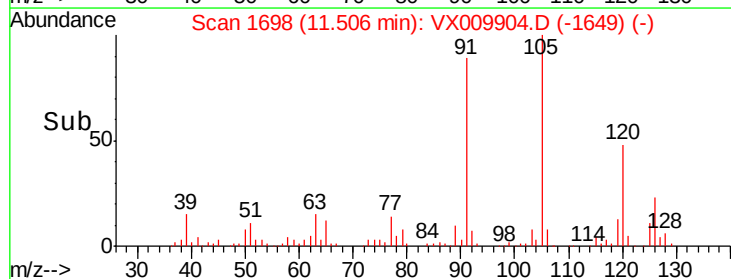
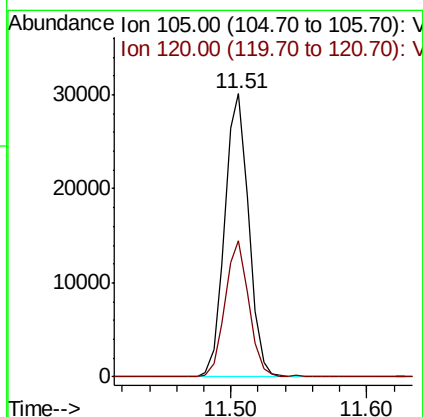
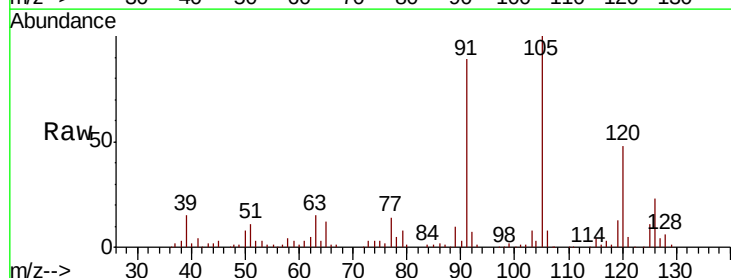
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

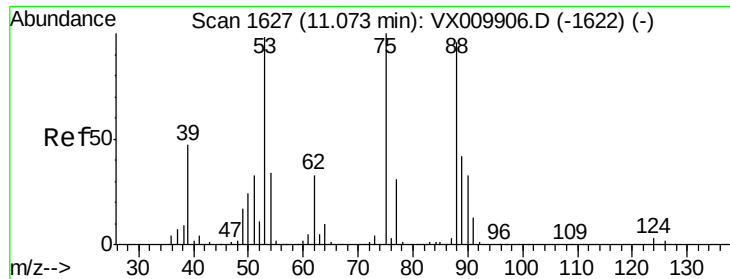
Tot Ion: 91 Resp: 30677
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 5.129 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 105 Resp: 36779
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.888 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

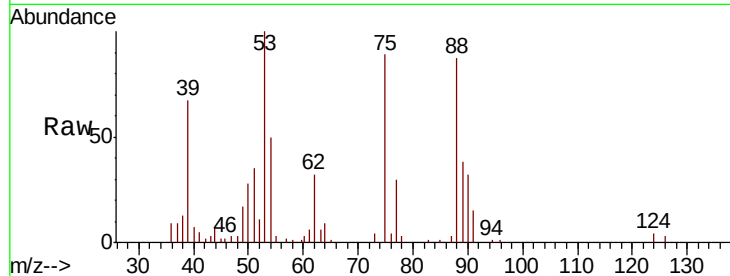
Tot Ion: 75 Resp: 5212

Ion Ratio Lower Upper

75 100

53 111.5 79.8 119.6

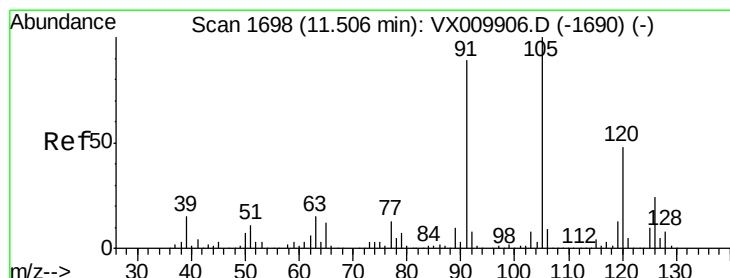
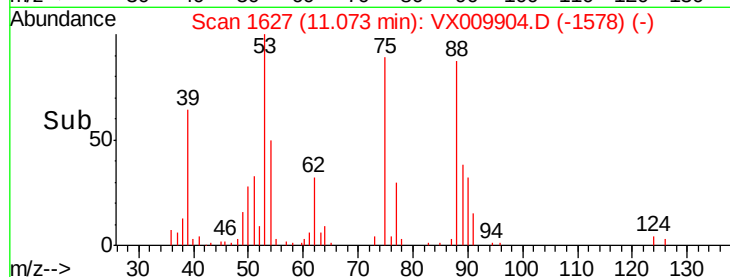
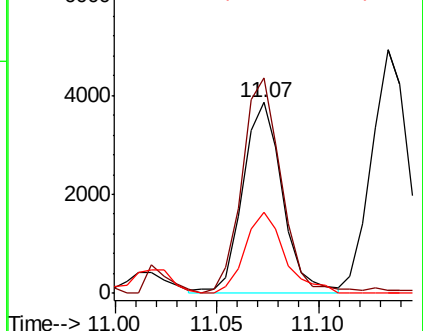
89 42.7 34.2 51.4



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: 5.250 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009904.D

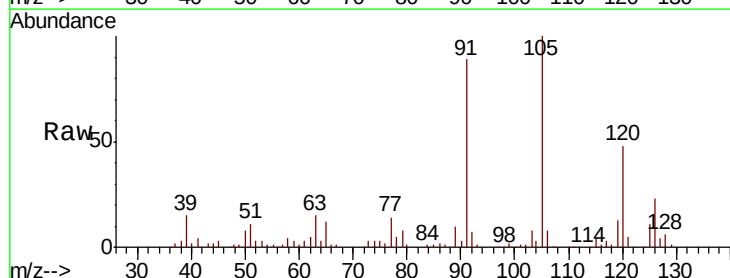
Acq: 28 May 2019 10:20

Tgt Ion: 91 Resp: 35656

Ion Ratio Lower Upper

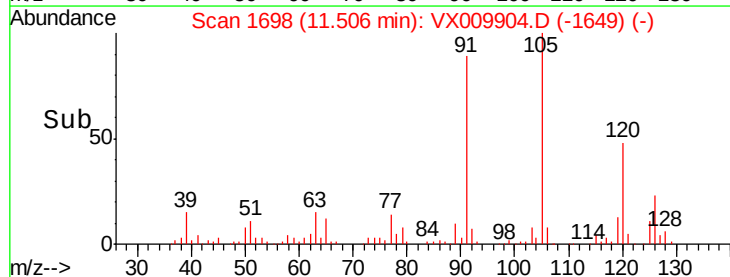
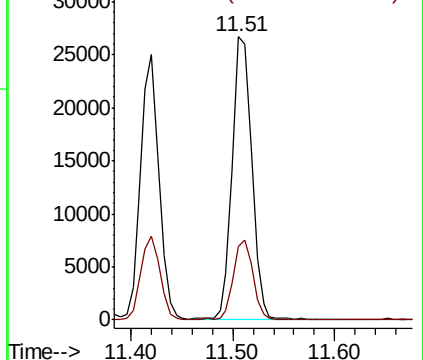
91 100

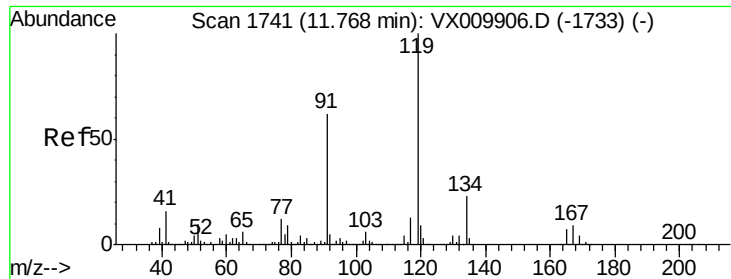
126 27.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

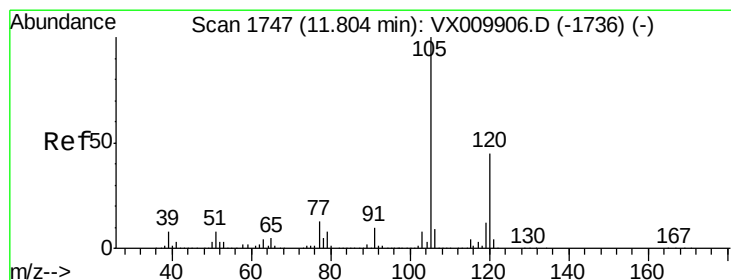
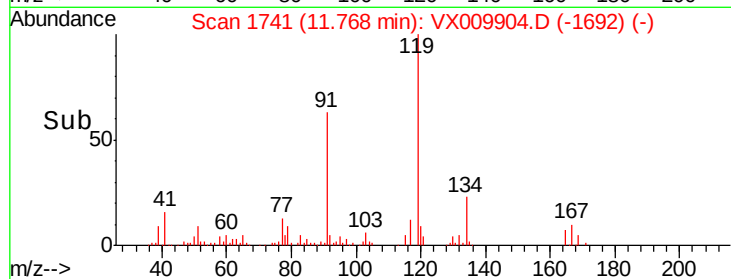
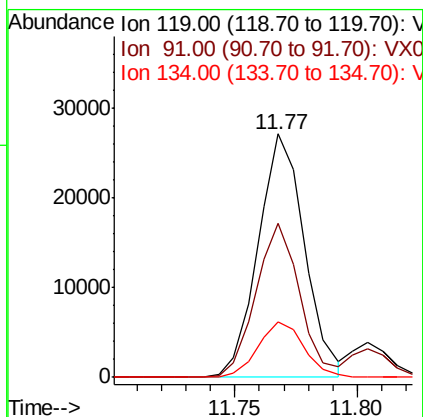
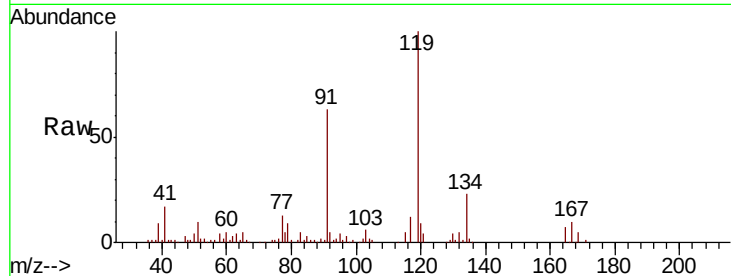




#83
 tert-Butylbenzene
 Concen: 5.122 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

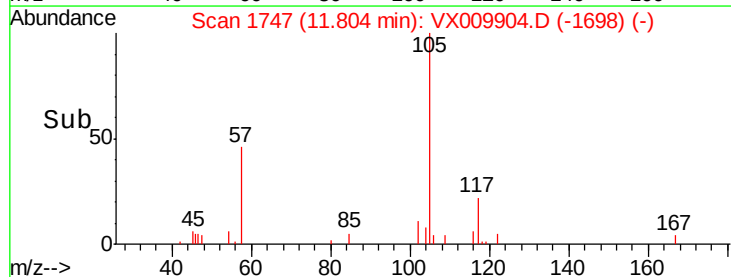
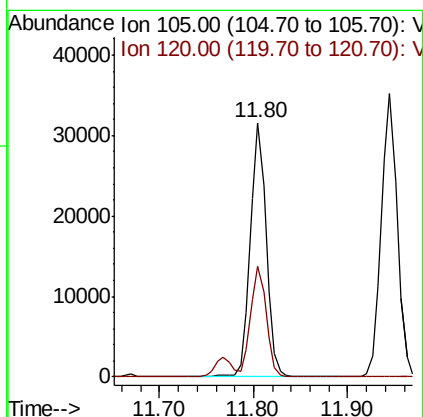
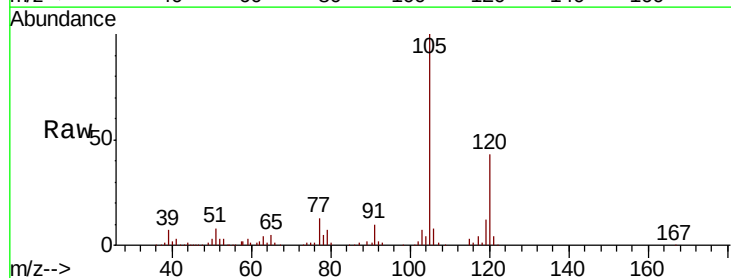
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

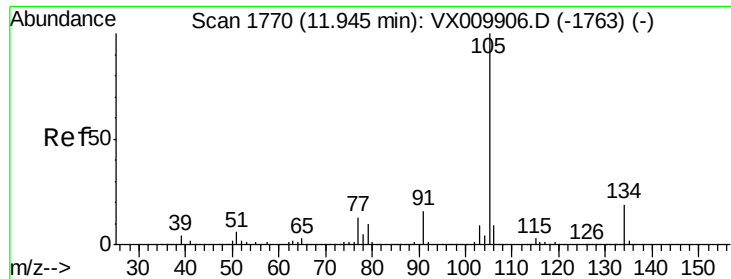
Tot Ion:119 Resp: 35665
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.0 90.0
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.247 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion:105 Resp: 37766
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 5.048 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

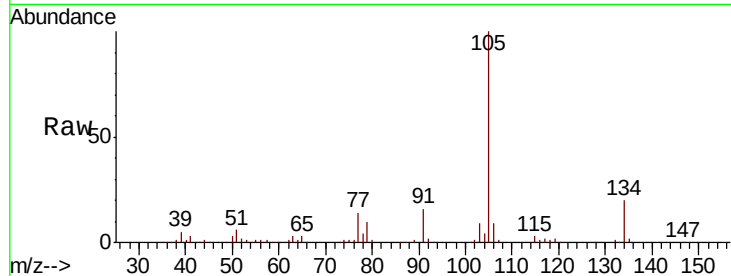
VSTDIC005

Tot Ion:105 Resp: 41688

Ion Ratio Lower Upper

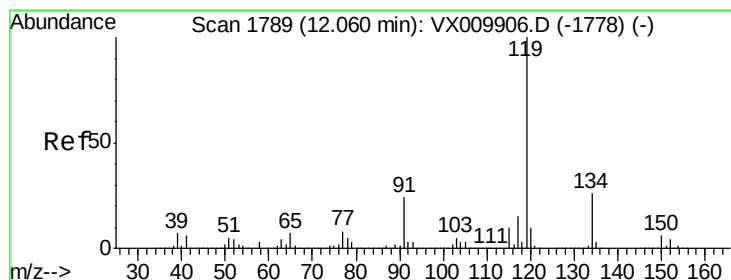
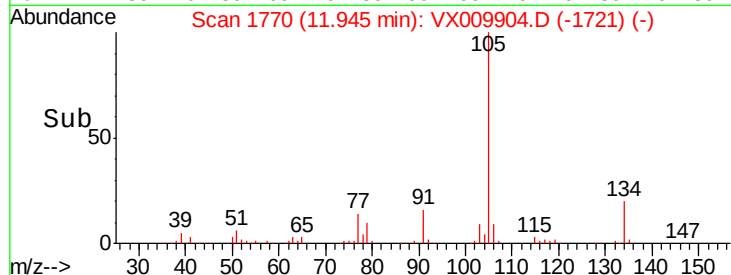
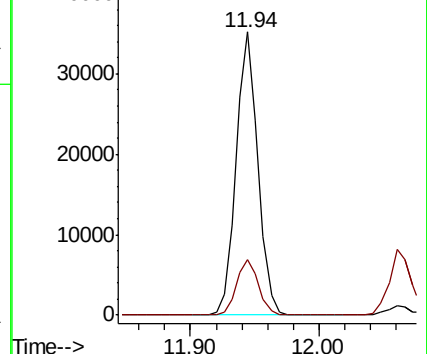
105 100

134 19.4 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: 4.957 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

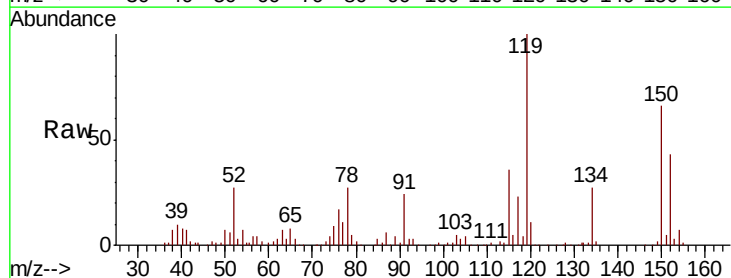
Tgt Ion:119 Resp: 36842

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

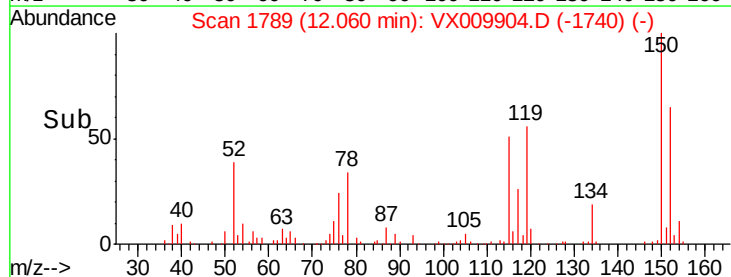
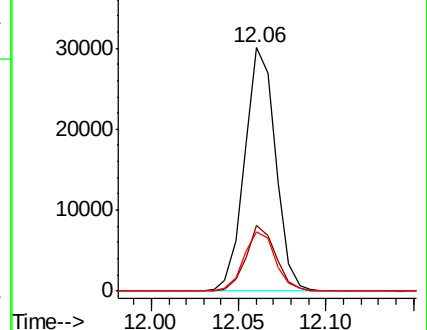
91 25.2 11.9 35.9

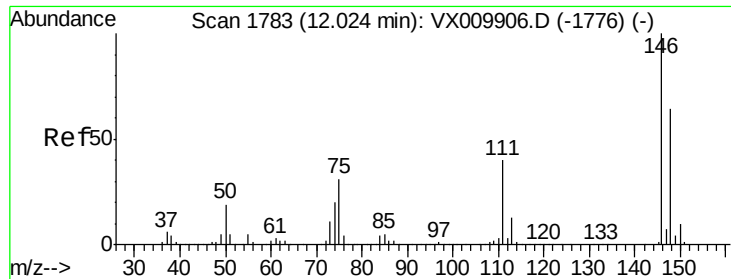


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

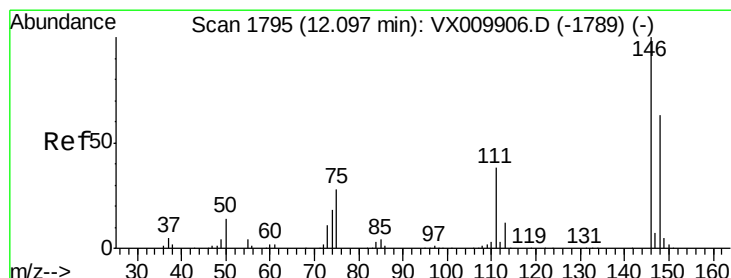
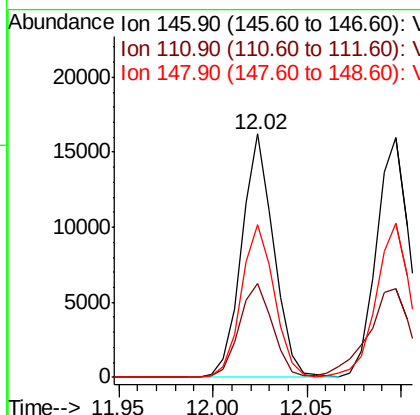
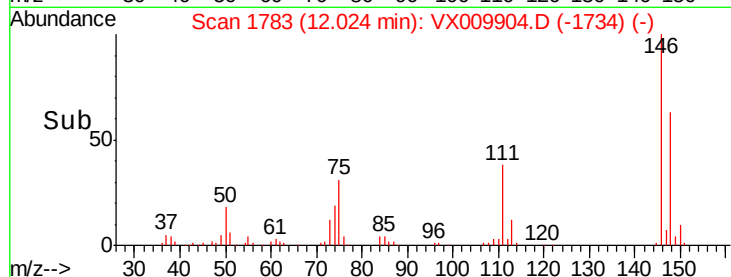
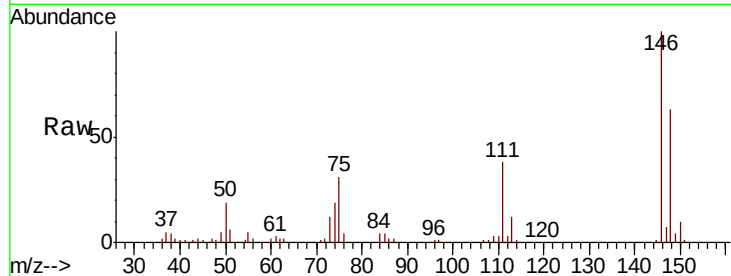




#87
 1,3-Dichlorobenzene
 Concen: 5.093 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

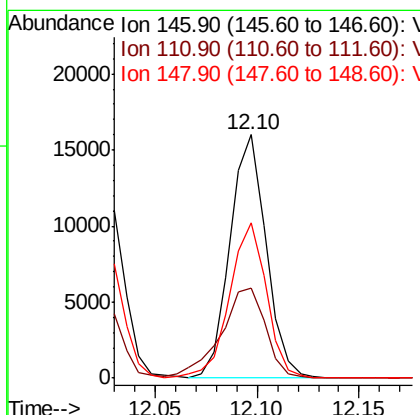
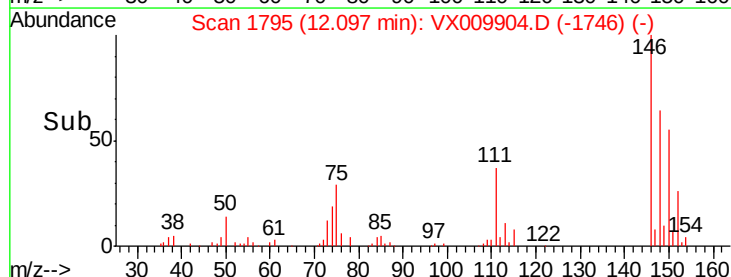
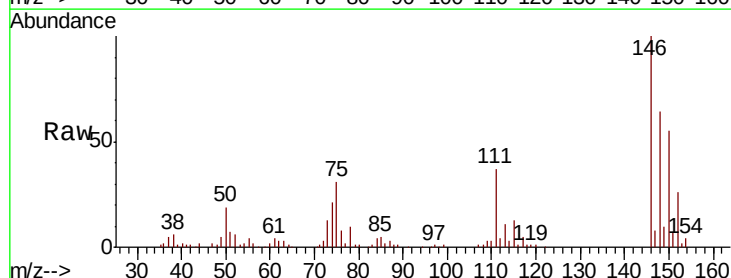
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

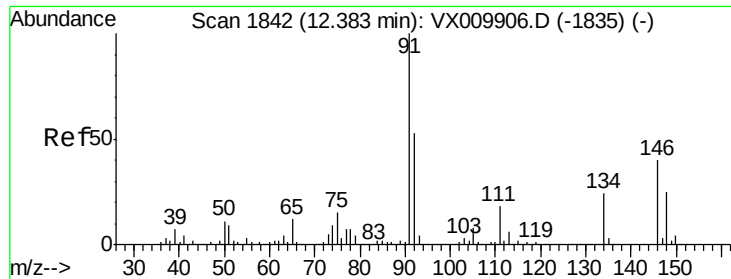
Tot Ion:146 Resp: 19133
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.2
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.190 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion:146 Resp: 19666
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.0 59.9
 148 65.2 32.3 96.9





#89

n-Butylbenzene

Concen: 4.846 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009904.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

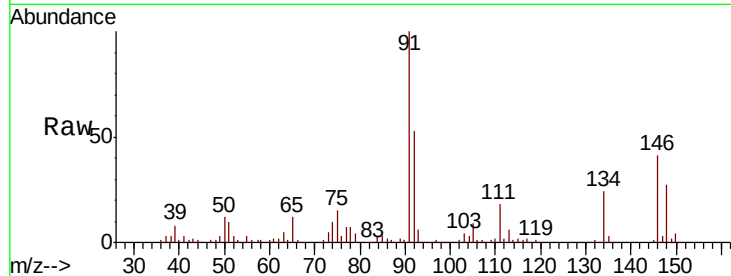
Tot Ion: 91 Resp: 32692

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.8

134 24.5 12.3 36.8

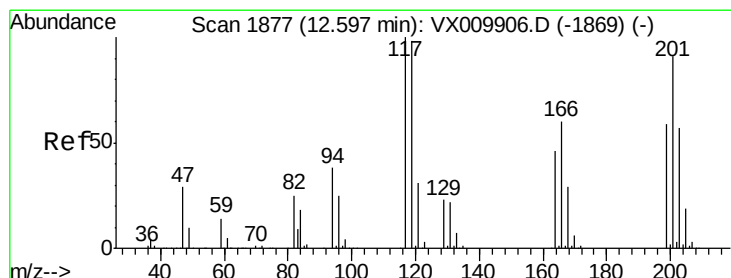
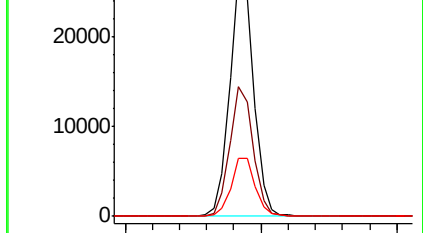
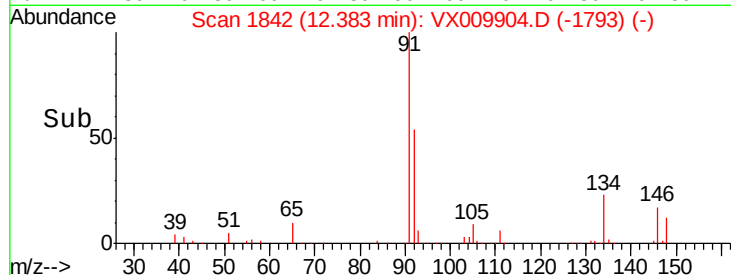


Abundance Ion 91.00 (90.70 to 91.70): VX009906.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX009906.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX009906.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 4.859 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009904.D

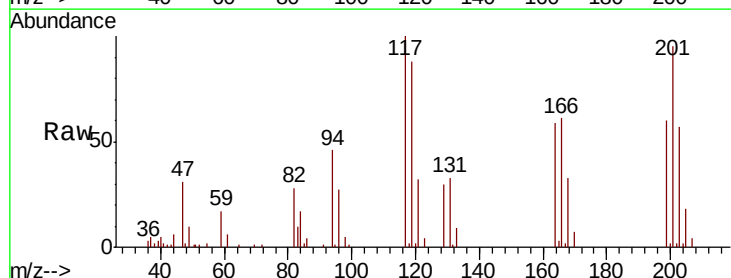
Acq: 28 May 2019 10:20

Tgt Ion: 117 Resp: 6142

Ion Ratio Lower Upper

117 100

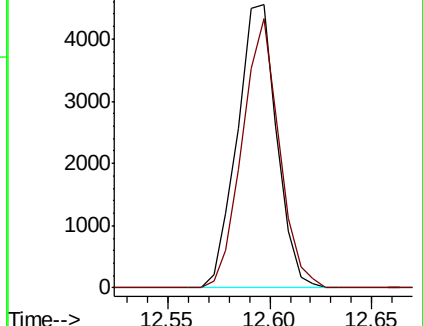
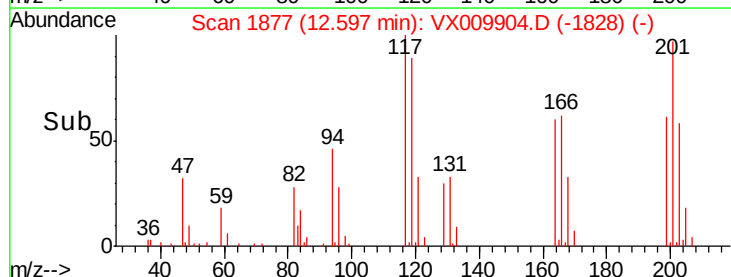
201 88.6 43.6 130.9

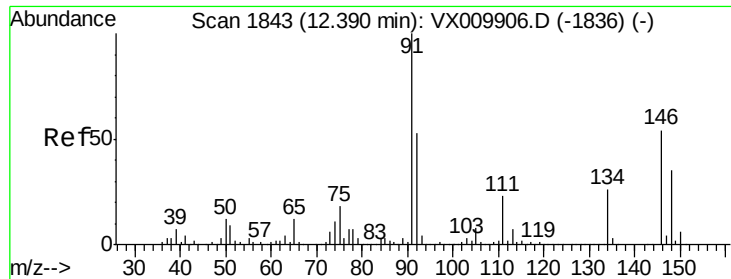


Abundance Ion 116.80 (116.50 to 117.50): VX009906.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX009906.D (-1869) (-)

Time-->

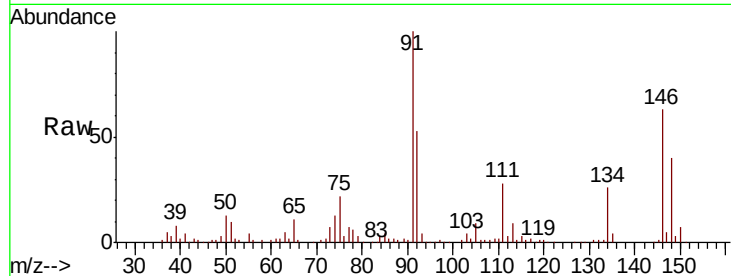




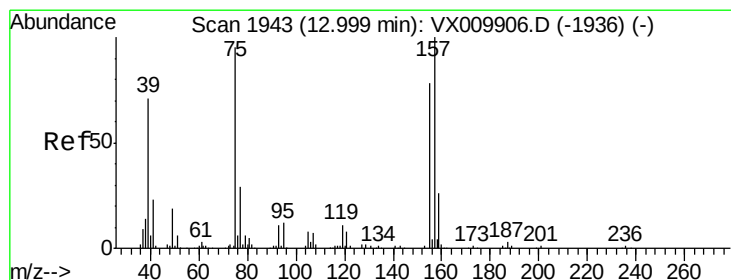
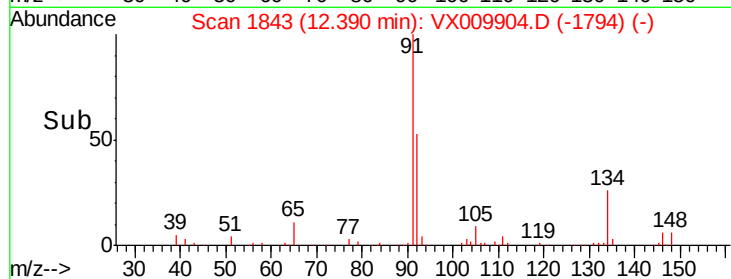
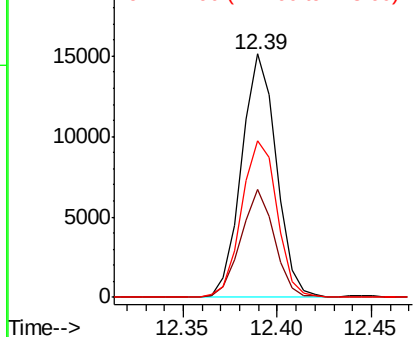
#91
 1,2-Dichlorobenzene
 Concen: 5.072 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 19343
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.1
 148 65.7 32.3 96.8

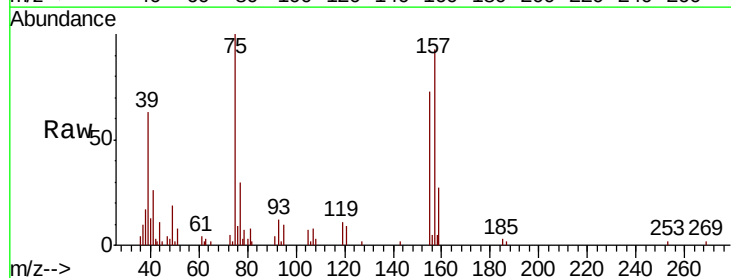


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

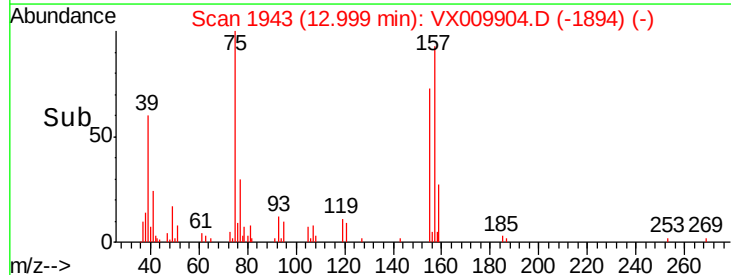
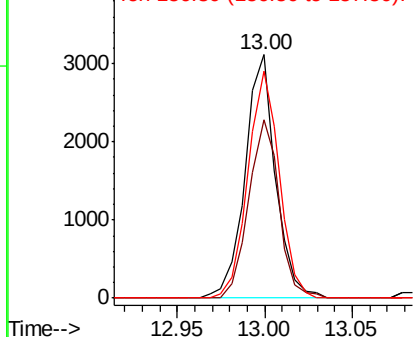


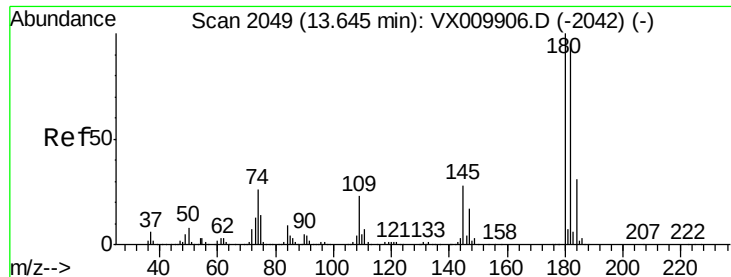
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.350 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion: 75 Resp: 3786
 Ion Ratio Lower Upper
 75 100
 155 73.0 39.3 117.8
 157 95.7 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

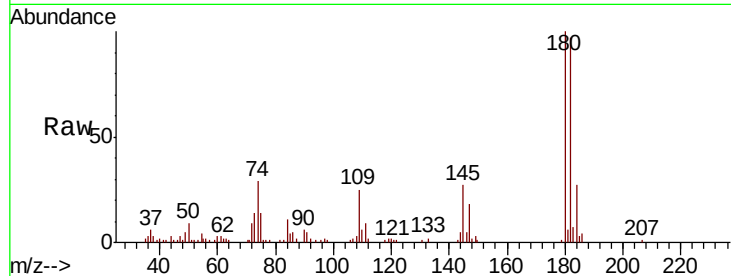




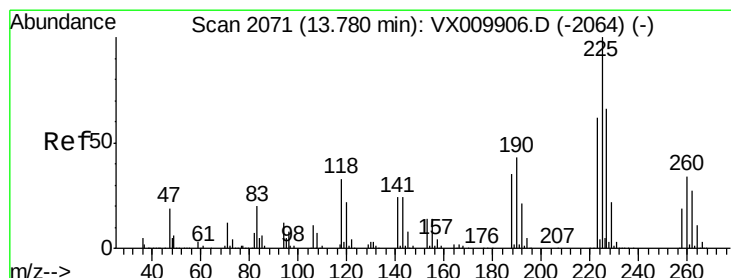
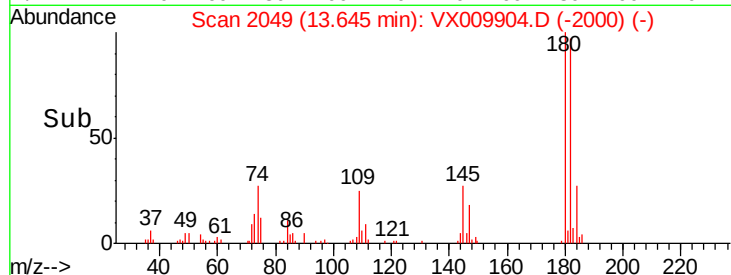
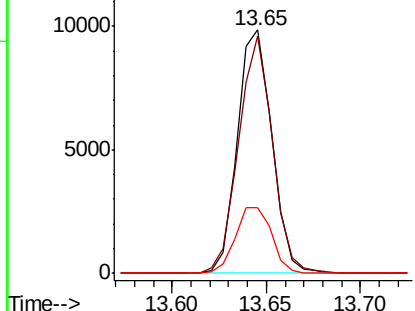
#93
 1,2,4-Trichlorobenzene
 Concen: 4.780 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion:180 Resp: 12502
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.4 142.2
 145 28.5 14.5 43.5

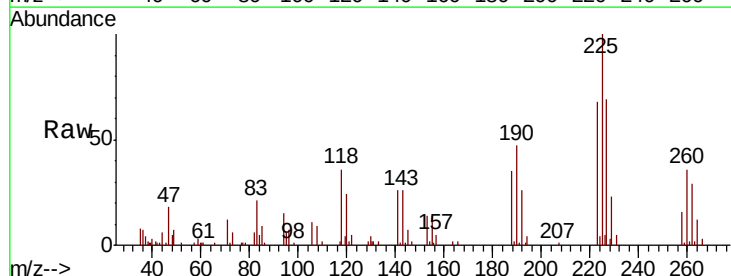


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

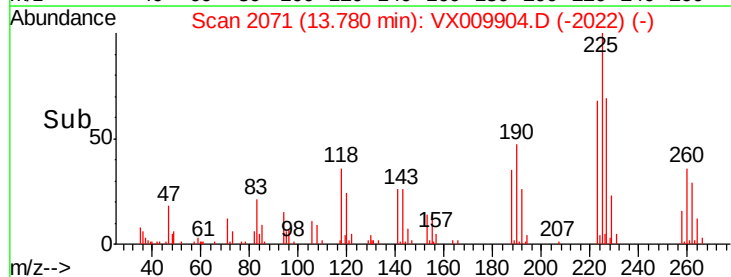
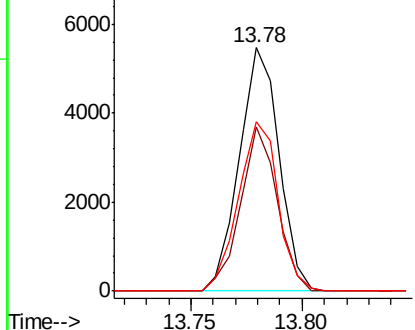


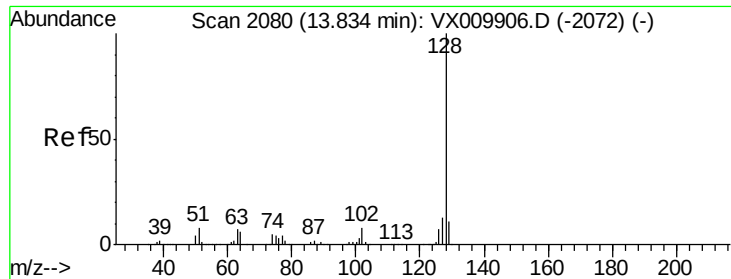
#94
 Hexachlorobutadiene
 Concen: 5.091 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009904.D
 Acq: 28 May 2019 10:20

Tgt Ion:225 Resp: 6816
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 69.6 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

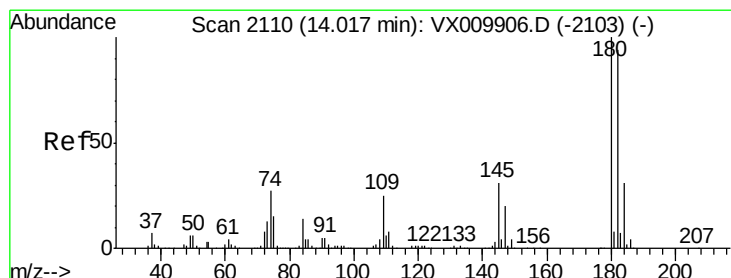
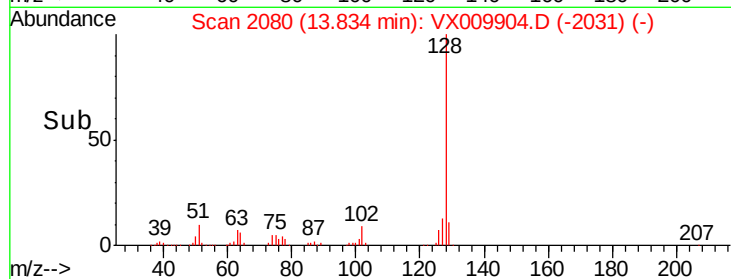
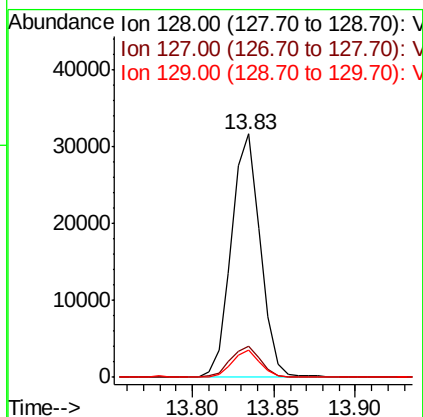
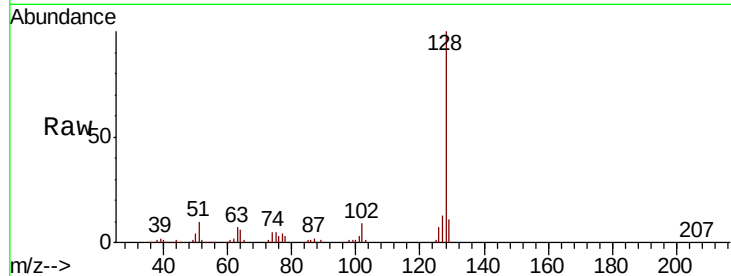




#95
Naphthalene
Concen: 4.618 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 39014
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.836 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009904.D
Acq: 28 May 2019 10:20

Tgt Ion:180 Resp: 12791
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 34.0 15.6 46.7

