

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005993.D
 Acq On : 15 Nov 2018 00:34
 Operator : JC/MD
 Sample : VX1114WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

Quant Time: Nov 15 06:07:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	125413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	169030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	65537	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.51	113	55329	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.71	98	189696	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	69674	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18980	16.785	ug/l	86
3) Chloromethane	1.32	50	26375	17.773	ug/l	98
4) Vinyl Chloride	1.41	62	25857	17.357	ug/l	100
5) Bromomethane	1.64	94	15818	17.351	ug/l	98
6) Chloroethane	1.72	64	17004	19.130	ug/l	100
7) Trichlorofluoromethane	1.93	101	36425	18.420	ug/l	99
8) Diethyl Ether	2.19	74	14982	19.335	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21167	18.612	ug/l	94
10) Methyl Iodide	2.51	142	23255	16.871	ug/l	97
11) Tert butyl alcohol	3.07	59	38480	93.167	ug/l	100
12) 1,1-Dichloroethene	2.37	96	20402	18.405	ug/l	89
13) Acrolein	2.29	56	25883	140.519	ug/l	97
14) Allyl chloride	2.73	41	47309	19.109	ug/l	97
15) Acrylonitrile	3.15	53	88397	103.275	ug/l	95
16) Acetone	2.45	43	72540	93.444	ug/l	100
17) Carbon Disulfide	2.57	76	56795	17.177	ug/l	95
18) Methyl Acetate	2.78	43	44924	20.726	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	75093	19.848	ug/l	99
20) Methylene Chloride	2.85	84	23950	18.782	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	21982	18.801	ug/l	90
22) Diisopropyl ether	3.87	45	86532	19.952	ug/l	# 97
23) Vinyl Acetate	3.82	43	352208	94.715	ug/l	99
24) 1,1-Dichloroethane	3.70	63	45243	19.553	ug/l	99
25) 2-Butanone	4.70	43	117263	96.081	ug/l	95
26) 2,2-Dichloropropane	4.59	77	27663	16.298	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	25473	19.731	ug/l	97
28) Bromochloromethane	5.01	49	20745	20.061	ug/l	95
29) Tetrahydrofuran	5.15	42	75582	96.452	ug/l	97
30) Chloroform	5.21	83	45975	20.595	ug/l	94
31) Cyclohexane	5.58	56	35759	17.803	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	33744	18.122	ug/l	97
36) 1,1-Dichloropropene	5.80	75	28388	17.421	ug/l	98
37) Ethyl Acetate	4.85	43	41389	19.315	ug/l	99
38) Carbon Tetrachloride	5.78	117	28600	17.532	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29331	17.760	ug/l	96
40) Benzene	6.14	78	93423	19.667	ug/l	95
41) Methacrylonitrile	5.06	41	22966	19.835	ug/l	99
42) 1,2-Dichloroethane	6.20	62	32588	19.153	ug/l	99
43) Isopropyl Acetate	6.46	43	58227	18.753	ug/l	98
44) Trichloroethene	7.21	130	22896	18.979	ug/l	97
45) 1,2-Dichloropropane	7.52	63	23698	20.553	ug/l	99
46) Dibromomethane	7.66	93	14862	20.541	ug/l	97
47) Bromodichloromethane	7.90	83	28026	20.497	ug/l	97
48) Methyl methacrylate	7.77	41	28959	20.771	ug/l	99
49) 1,4-Dioxane	7.75	88	12159	404.724	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	196494	100.412	ug/l	99
52) Toluene	8.79	92	52281	19.692	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29911	18.537	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32666	19.862	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	22053	18.638	ug/l	95
56) Ethyl methacrylate	9.18	69	32780	18.516	ug/l	100
57) 1,3-Dichloropropane	9.37	76	36735	18.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	94884	103.377	ug/l	98
59) 2-Hexanone	9.49	43	153539	89.014	ug/l	99
60) Dibromochloromethane	9.58	129	22452	17.558	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22848	17.463	ug/l	99
64) Tetrachloroethene	9.34	164	23940	18.466	ug/l	98
65) Chlorobenzene	10.14	112	58745	19.257	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	21053	19.851	ug/l	98
67) Ethyl Benzene	10.25	91	98690	20.175	ug/l	100
68) m/p-Xylenes	10.36	106	75144	40.273	ug/l	99
69) o-Xylene	10.70	106	35858	21.432	ug/l	98
70) Styrene	10.71	104	60527	21.930	ug/l	99
71) Bromoform	10.86	173	18066	20.321	ug/l #	100
73) Isopropylbenzene	11.02	105	101117	21.182	ug/l	100
74) N-amyl acetate	10.90	43	48755	18.998	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	35319	20.157	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	41849	24.897	ug/l	85
77) Bromobenzene	11.26	156	26647	19.804	ug/l	99
78) n-propylbenzene	11.36	91	113155	20.113	ug/l	99
79) 2-Chlorotoluene	11.42	91	69082	20.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83823	20.663	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9817	18.614	ug/l	97
82) 4-Chlorotoluene	11.51	91	81209	20.263	ug/l	99
83) tert-Butylbenzene	11.77	119	81393	19.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	85949	19.124	ug/l	100
85) sec-Butylbenzene	11.94	105	99296	19.786	ug/l	99
86) p-Isopropyltoluene	12.07	119	87669	19.721	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	48895	18.935	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49648	18.782	ug/l	99
89) n-Butylbenzene	12.39	91	73220	17.772	ug/l	99
90) Hexachloroethane	12.60	117	14477	19.506	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	49399	19.096	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8349	19.526	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34102	18.726	ug/l	99
94) Hexachlorobutadiene	13.78	225	16327	17.068	ug/l	99
95) Naphthalene	13.83	128	106244	18.646	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35520	19.146	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

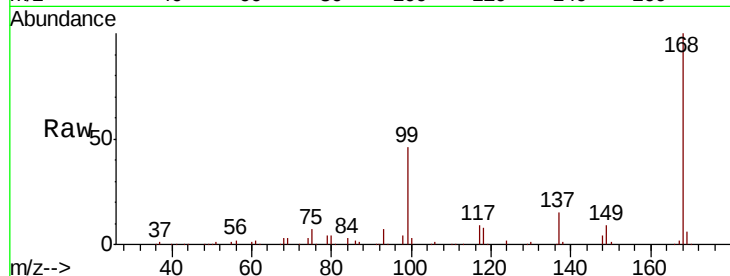
VX1114WBS02

Tot Ion:168 Resp: 125413

Ion Ratio Lower Upper

168 100

99 46.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

50000

40000

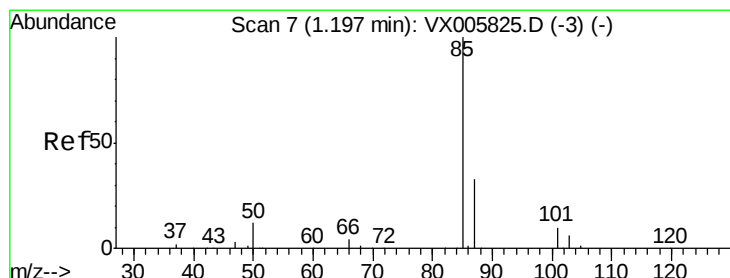
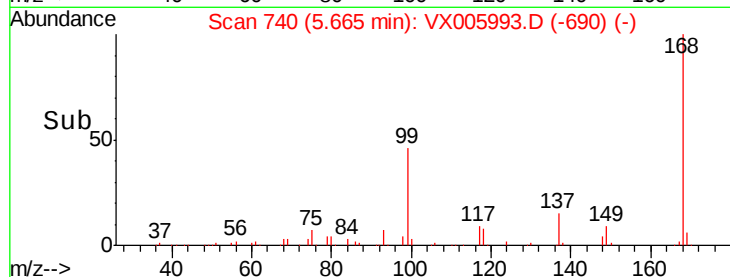
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.785 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005993.D

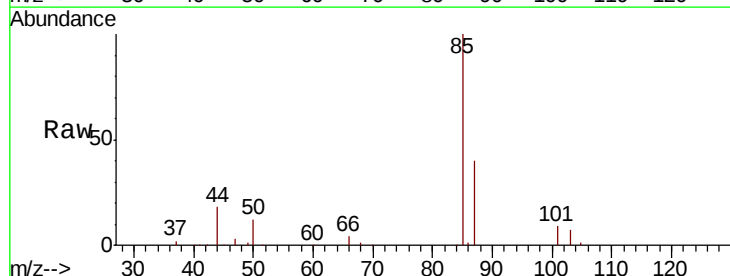
Acq: 15 Nov 2018 00:34

Tgt Ion: 85 Resp: 18980

Ion Ratio Lower Upper

85 100

87 40.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

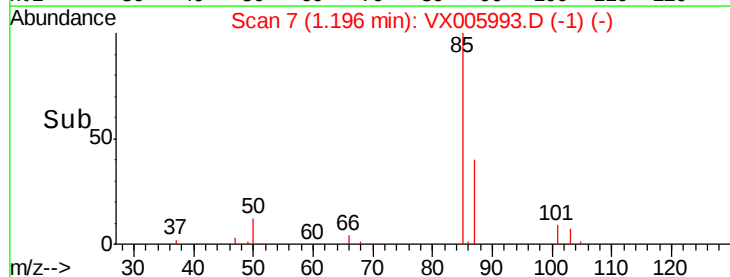
15000

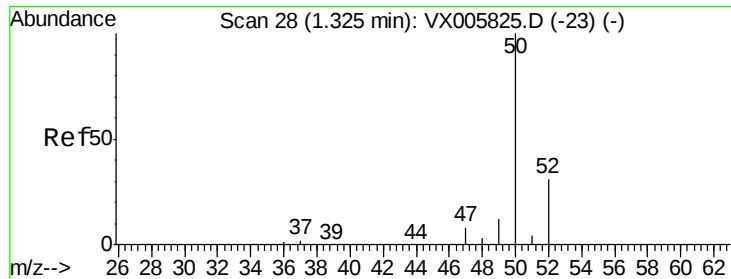
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 17.773 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampled :

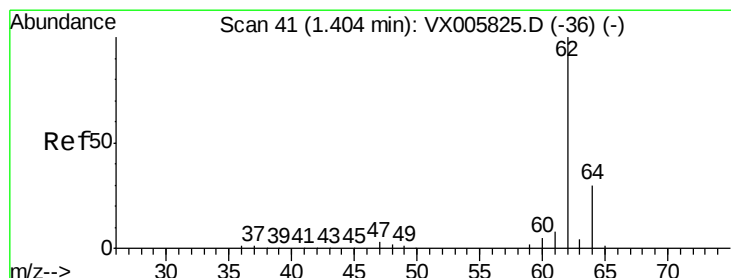
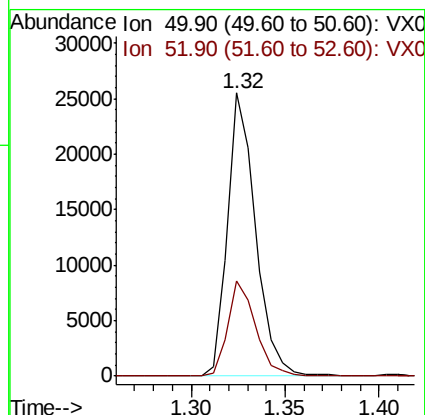
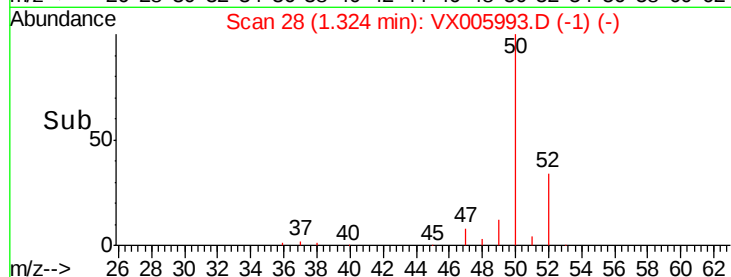
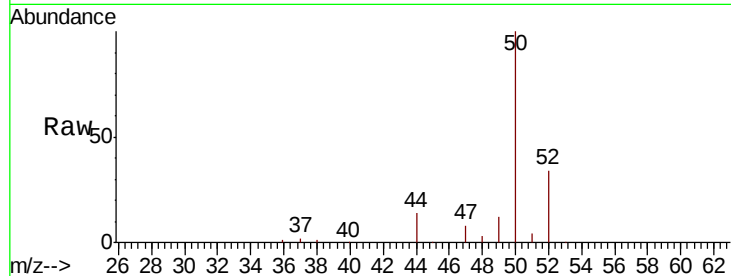
VX1114WBS02

Tot Ion: 50 Resp: 26375

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.2



#4

Vinyl Chloride

Concen: 17.357 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005993.D

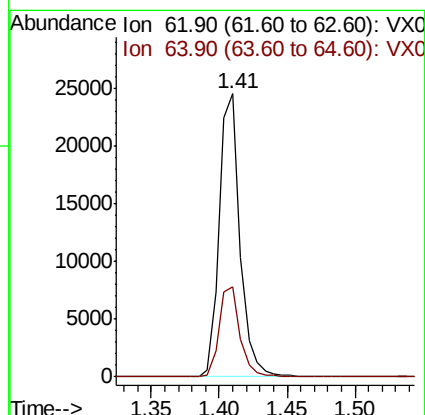
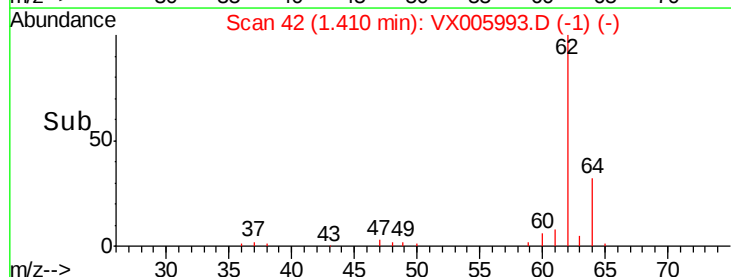
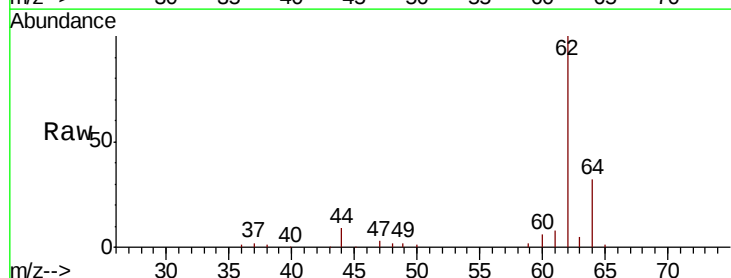
Acq: 15 Nov 2018 00:34

Tgt Ion: 62 Resp: 25857

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 17.351 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

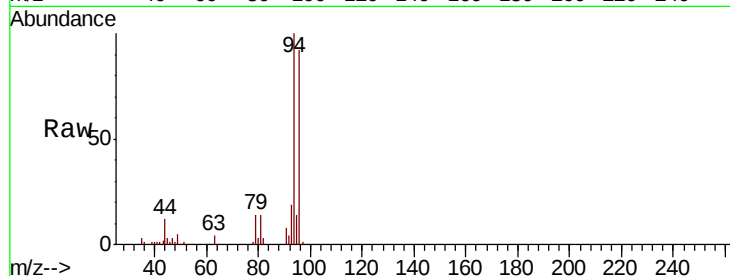
VX1114WBS02

Tot Ion: 94 Resp: 15818

Ion Ratio Lower Upper

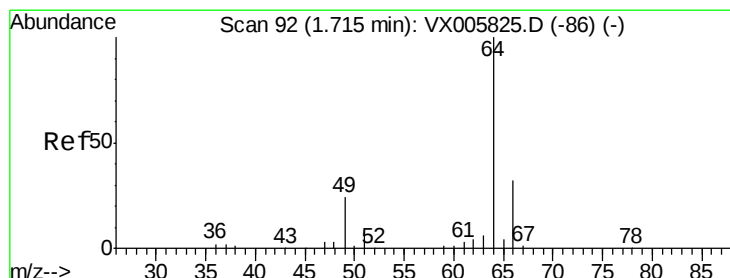
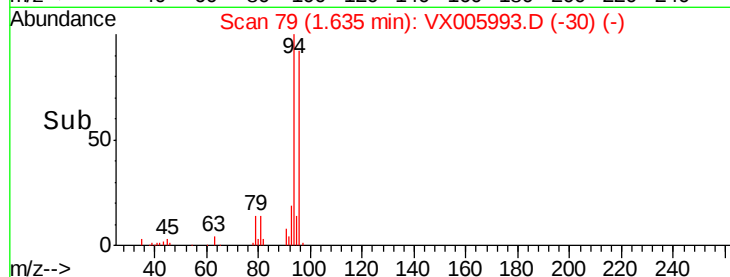
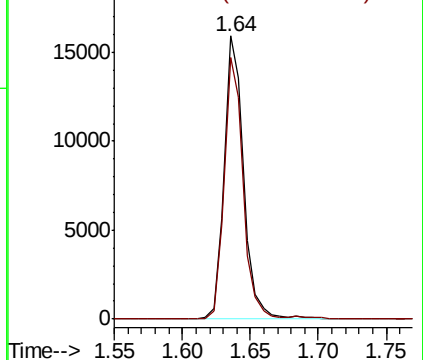
94 100

96 92.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.130 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005993.D

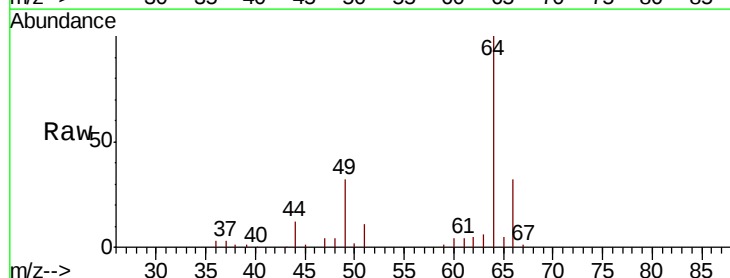
Acq: 15 Nov 2018 00:34

Tgt Ion: 64 Resp: 17004

Ion Ratio Lower Upper

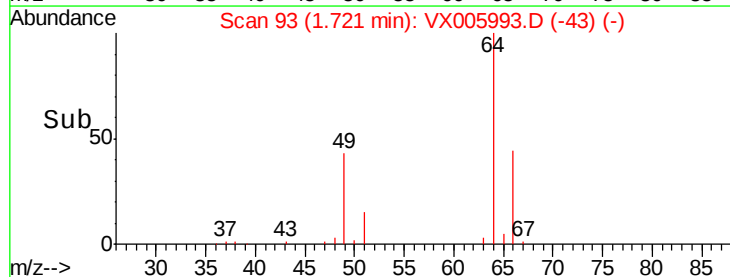
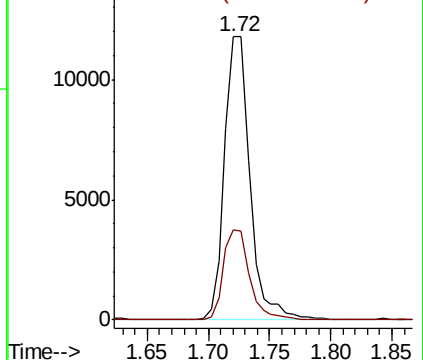
64 100

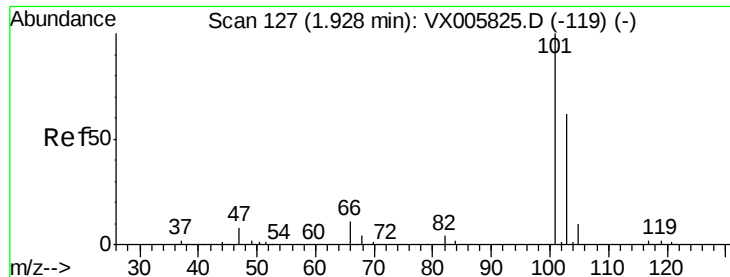
66 32.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



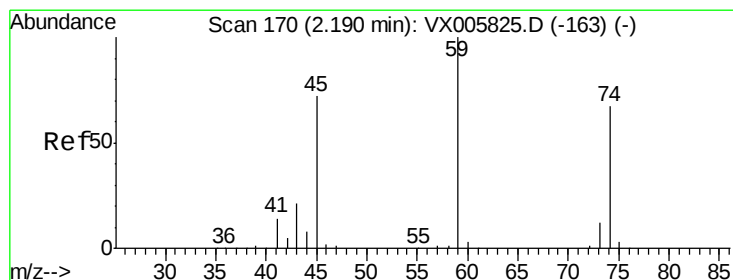
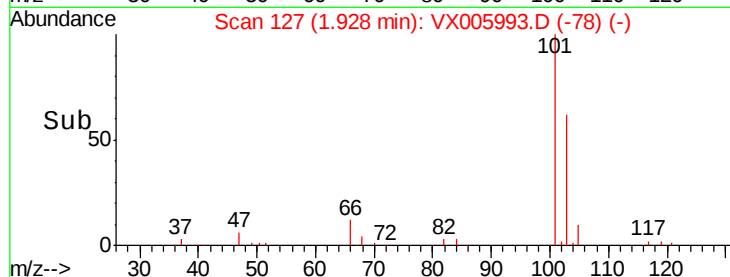
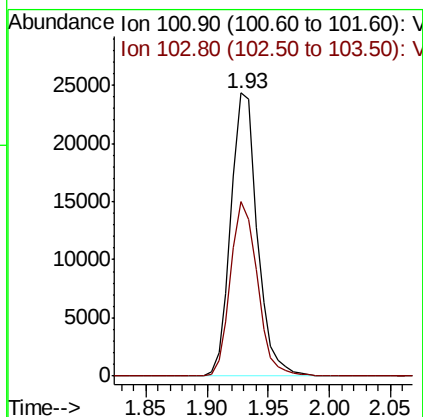
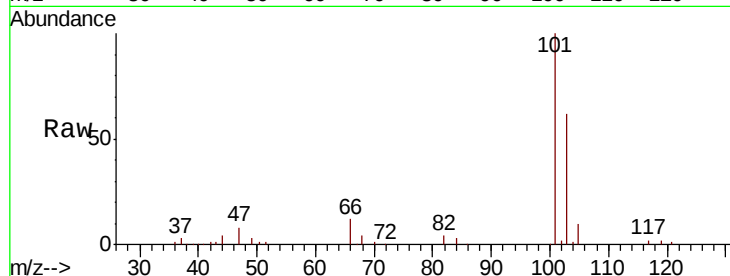


#7

Trichlorofluoromethane
 Concen: 18.420 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

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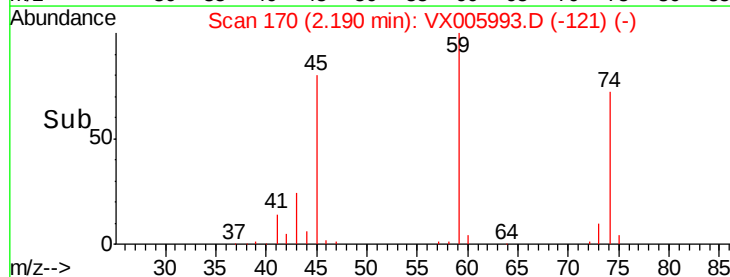
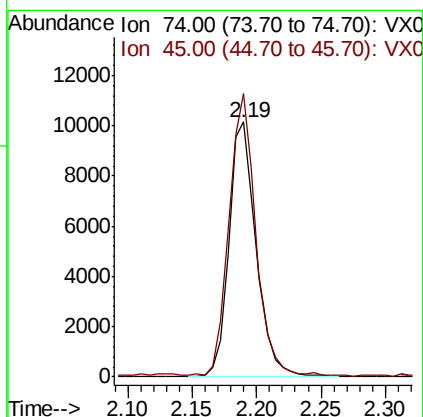
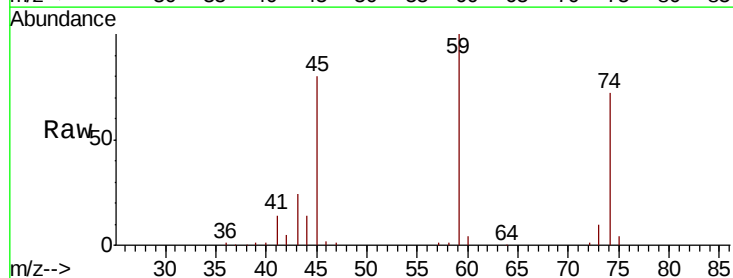
Tot Ion:101 Resp: 36425
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.0 75.0



#8

Diethyl Ether
 Concen: 19.335 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 74 Resp: 14982
 Ion Ratio Lower Upper
 74 100
 45 111.6 54.1 162.3

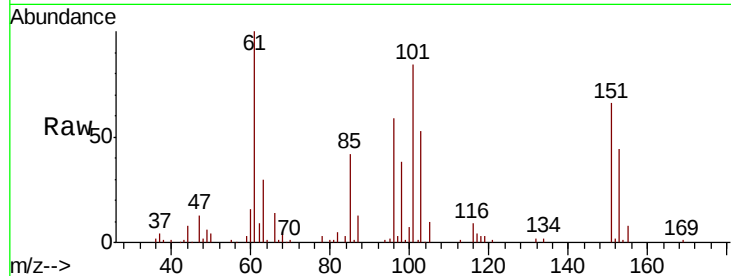




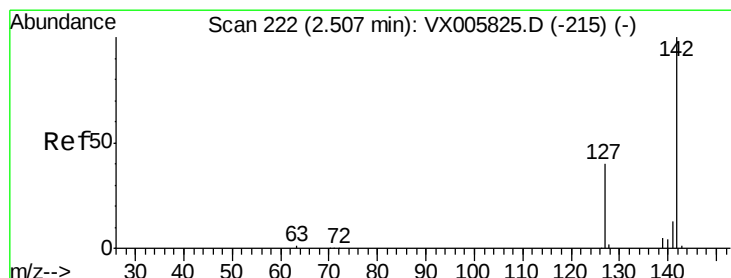
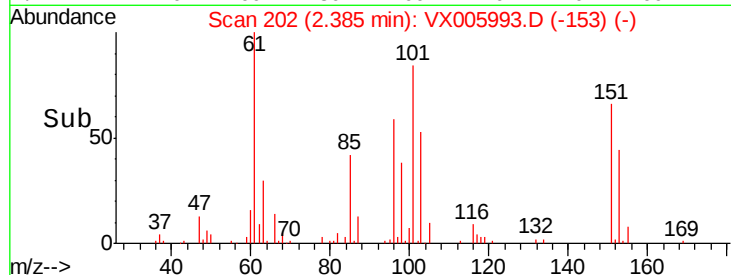
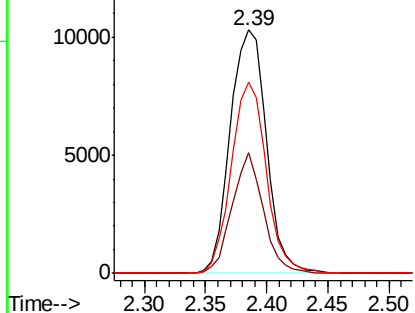
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.612 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX1114WBS02

Tot Ion:101 Resp: 21167
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.0 52.4
 151 75.8 66.2 99.2

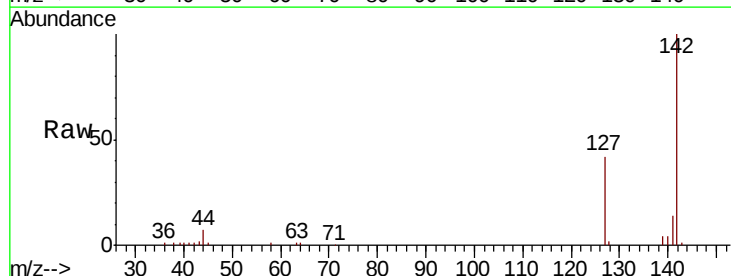


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

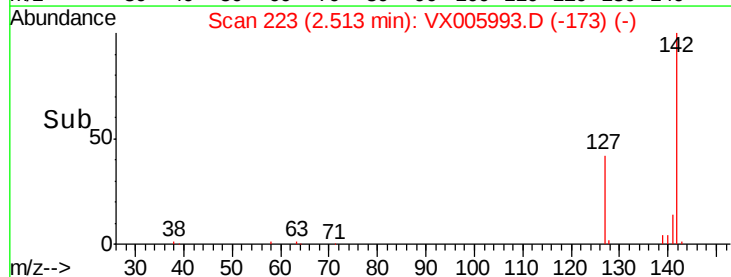
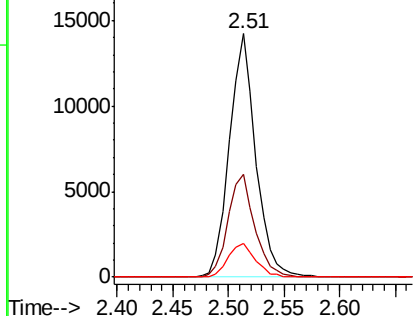


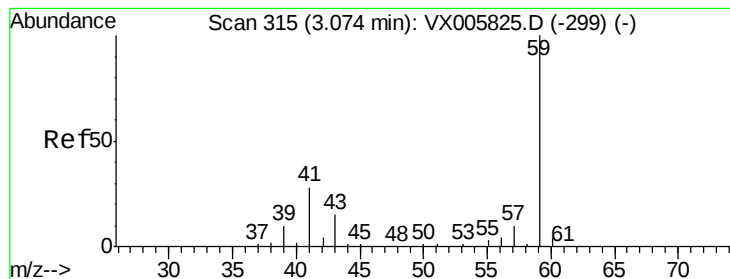
#10
 Methyl Iodide
 Concen: 16.871 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion:142 Resp: 23255
 Ion Ratio Lower Upper
 142 100
 127 42.9 36.0 54.0
 141 14.3 11.7 17.5



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



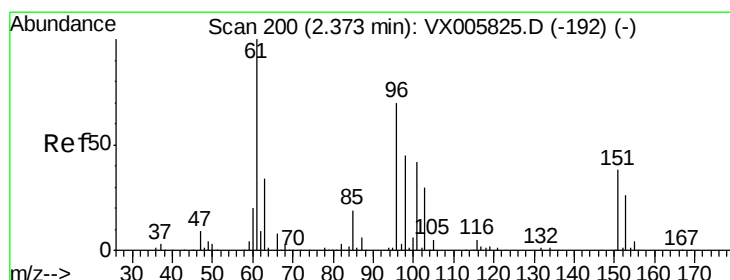
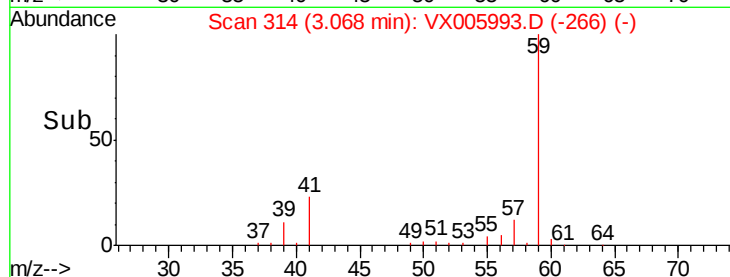
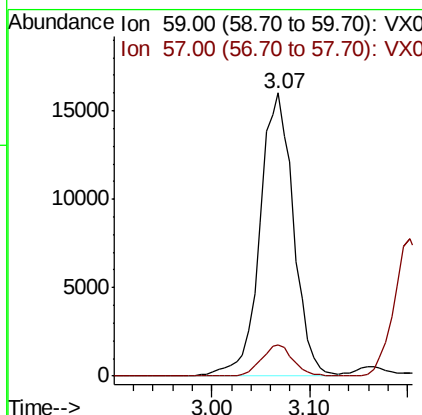
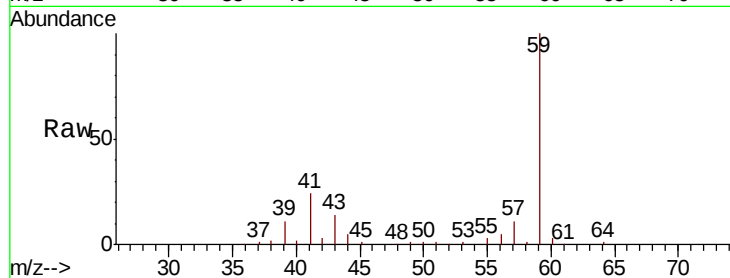


#11

Tert butyl alcohol
 Concen: 93.167 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

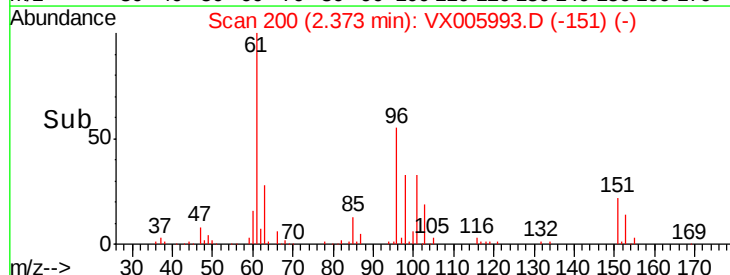
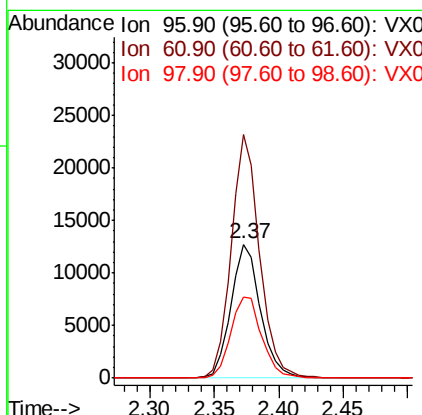
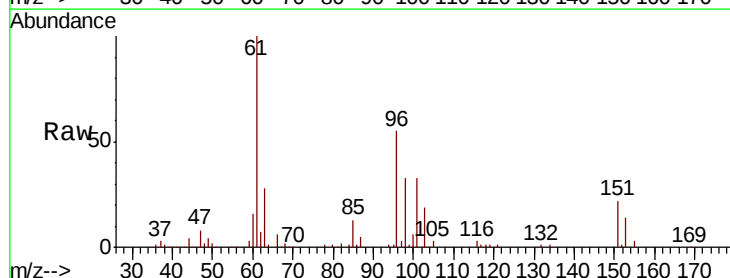
Tot Ion: 59 Resp: 38480
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

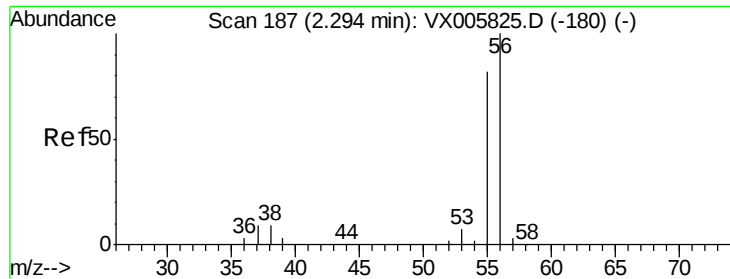


#12

1,1-Dichloroethene
 Concen: 18.405 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 96 Resp: 20402
 Ion Ratio Lower Upper
 96 100
 61 181.7 131.8 197.8
 98 60.1 53.4 80.2

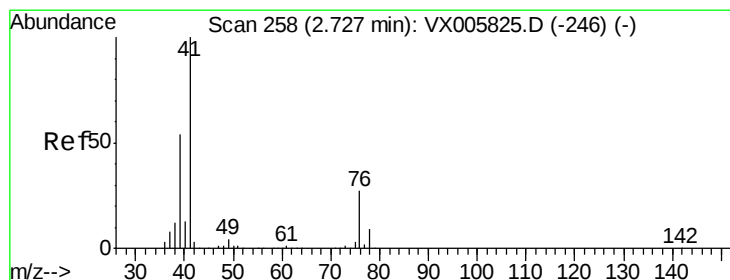
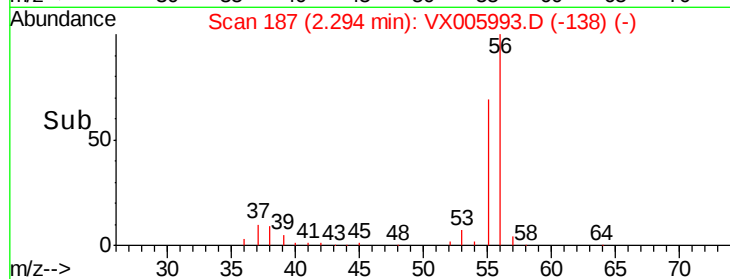
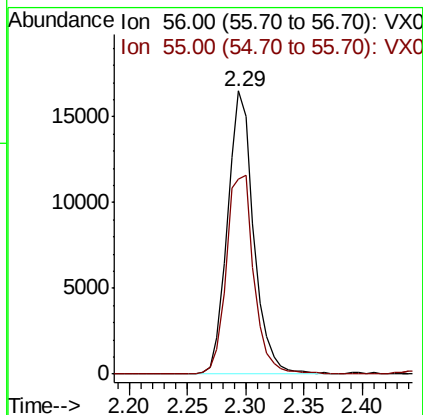
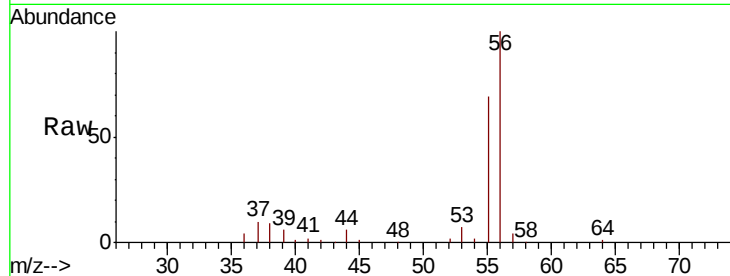




#13
 Acrolein
 Concen: 140.519 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

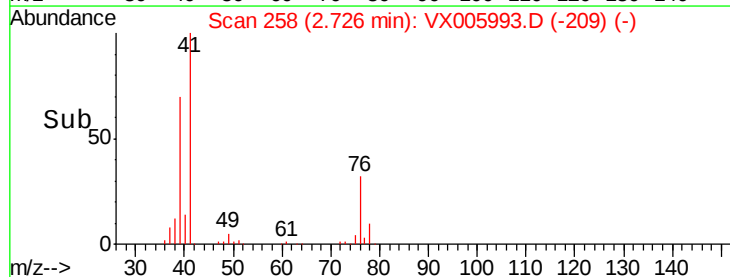
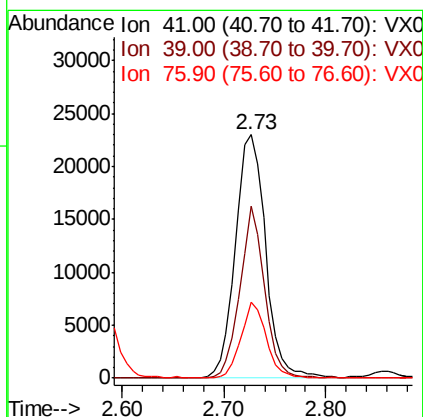
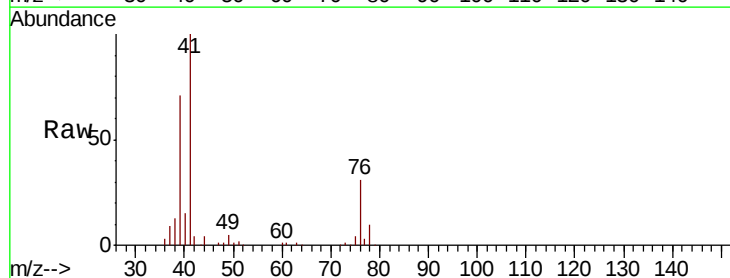
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

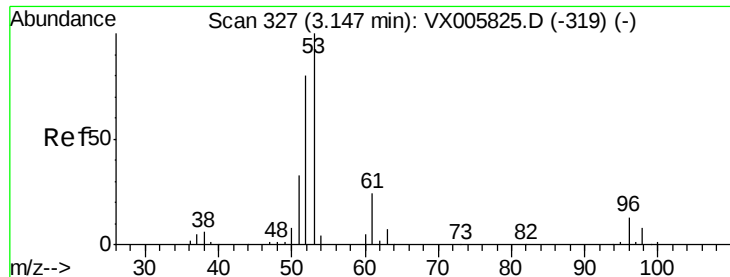
Tot Ion: 56 Resp: 25883
 Ion Ratio Lower Upper
 56 100
 55 74.3 57.3 85.9



#14
 Allyl chloride
 Concen: 19.109 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 41 Resp: 47309
 Ion Ratio Lower Upper
 41 100
 39 57.9 48.2 72.4
 76 26.4 21.9 32.9





#15

Acrylonitrile

Concen: 103.275 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

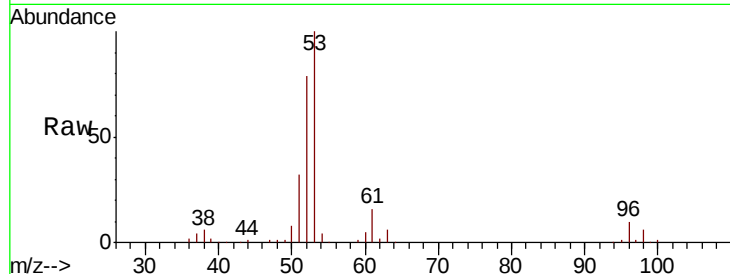
Tot Ion: 53 Resp: 88397

Ion Ratio Lower Upper

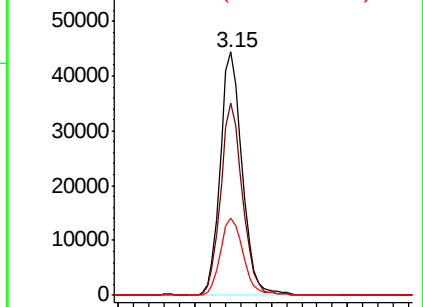
53 100

52 78.6 66.6 99.8

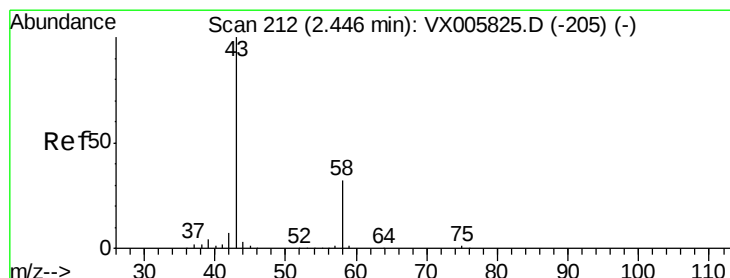
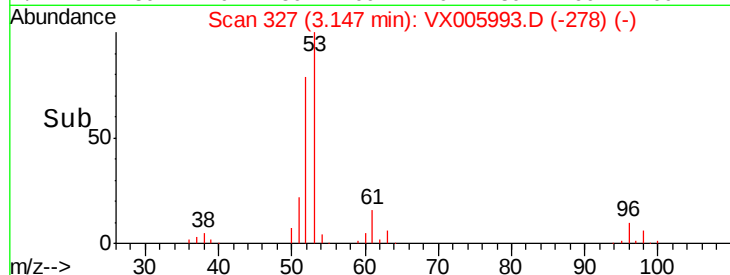
51 33.5 28.4 42.6



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



Time--> 3.00 3.10 3.20 3.30



#16

Acetone

Concen: 93.444 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005993.D

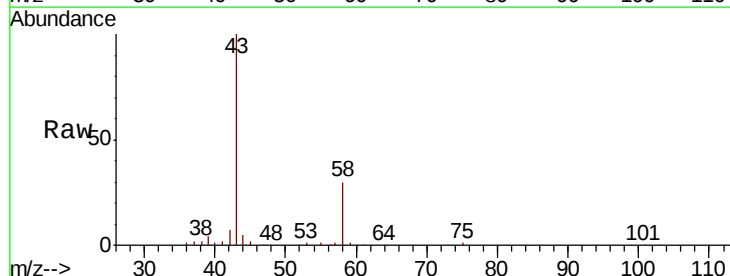
Acq: 15 Nov 2018 00:34

Tgt Ion: 43 Resp: 72540

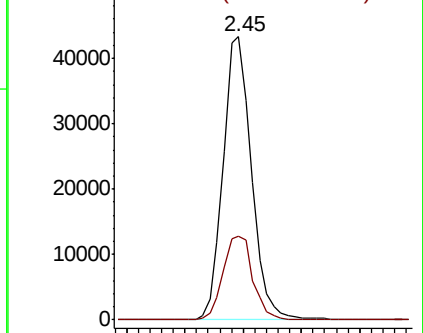
Ion Ratio Lower Upper

43 100

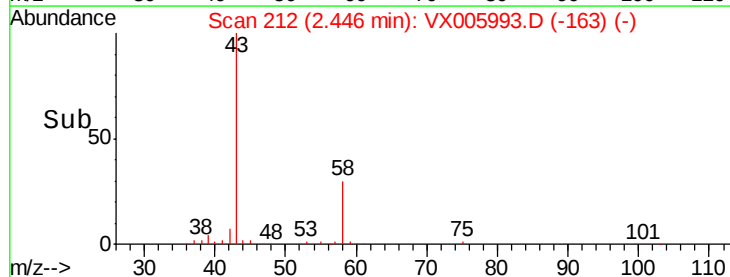
58 29.8 23.8 35.6

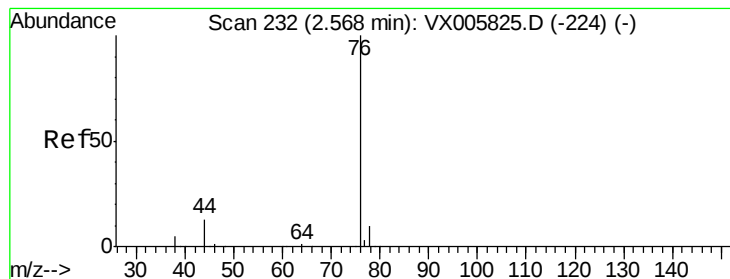


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



Time--> 2.35 2.40 2.45 2.50 2.55





#17

Carbon Disulfide

Concen: 17.177 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

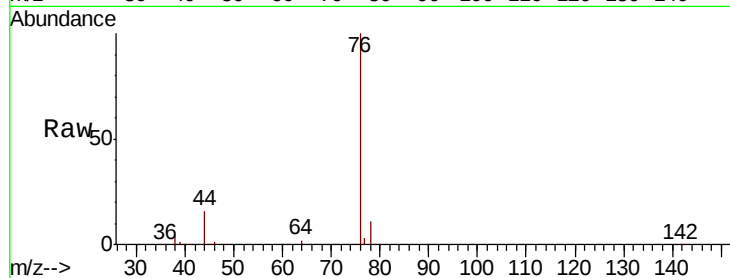
VX1114WBS02

Tot Ion: 76 Resp: 56795

Ion Ratio Lower Upper

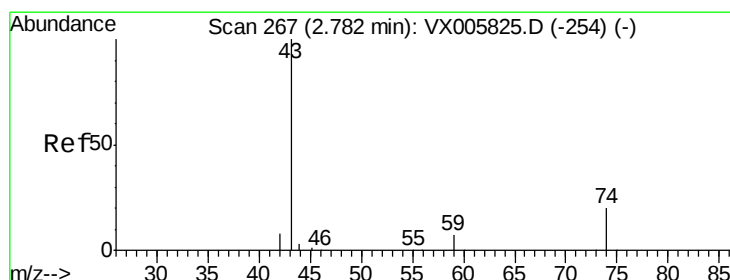
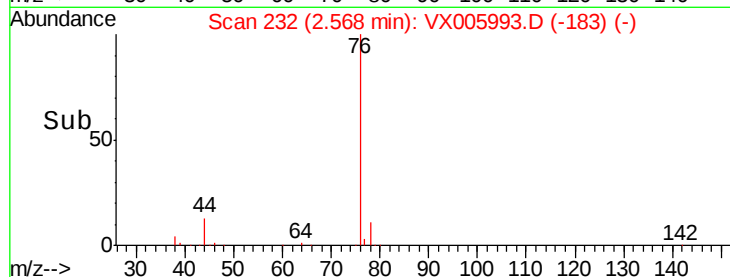
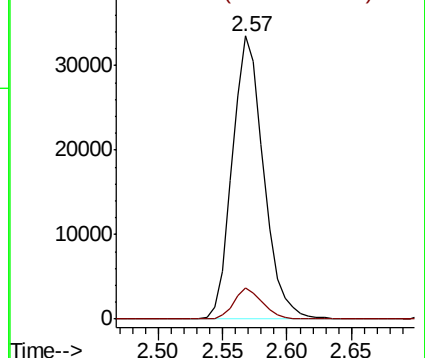
76 100

78 10.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.726 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005993.D

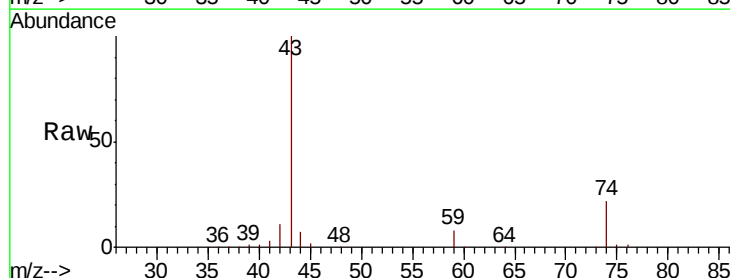
Acq: 15 Nov 2018 00:34

Tgt Ion: 43 Resp: 44924

Ion Ratio Lower Upper

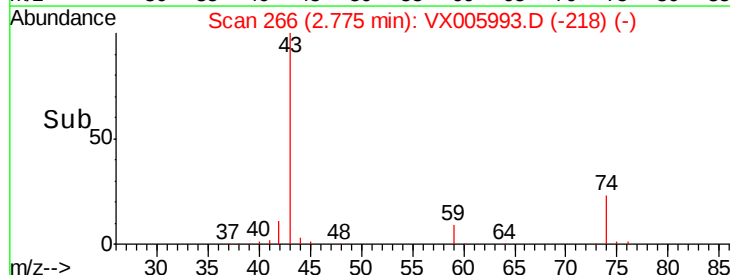
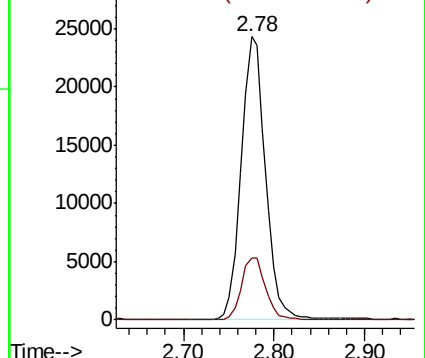
43 100

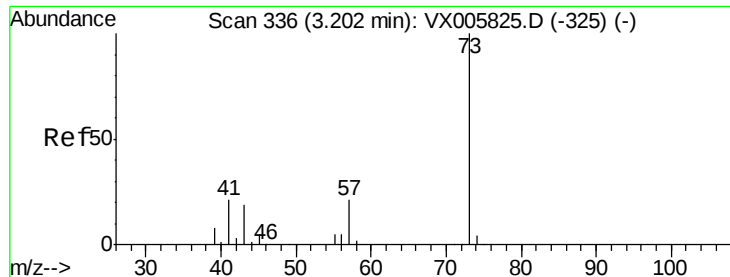
74 22.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



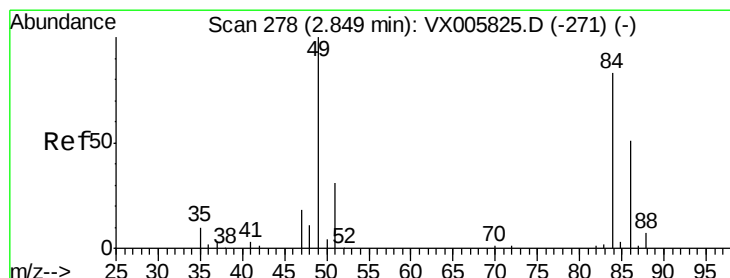
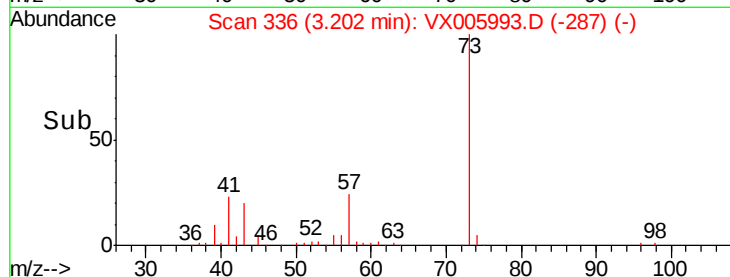
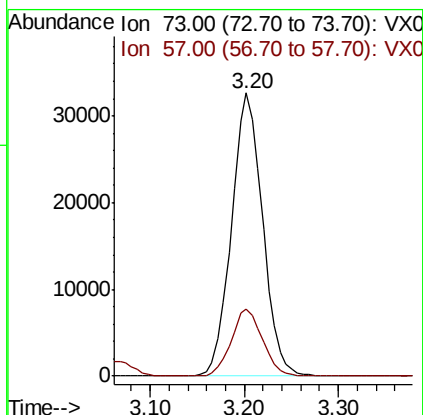
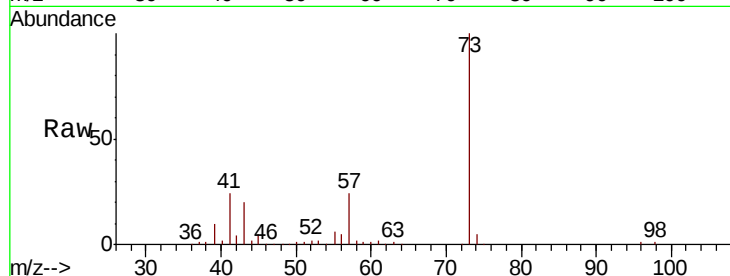


#19

Methyl tert-butyl Ether
 Concen: 19.848 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

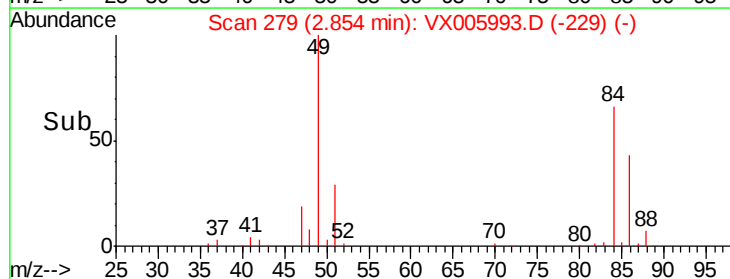
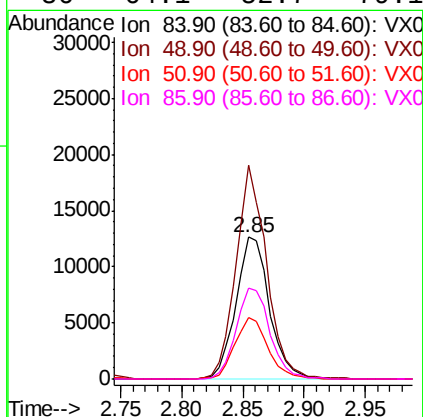
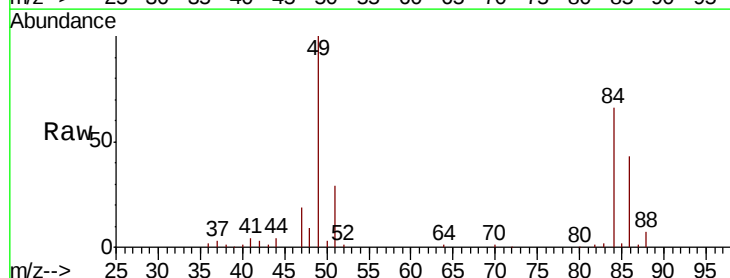
Tot Ion: 73 Resp: 75093
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.8 28.2

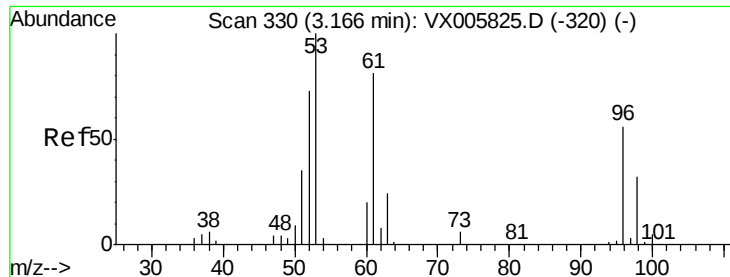


#20

Methylene Chloride
 Concen: 18.782 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 84 Resp: 23950
 Ion Ratio Lower Upper
 84 100
 49 150.8 109.5 164.3
 51 43.6 33.3 49.9
 86 64.1 52.7 79.1

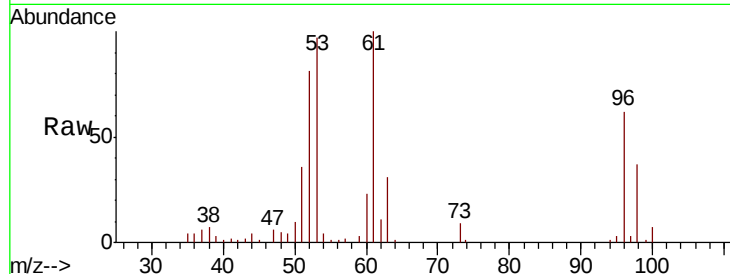




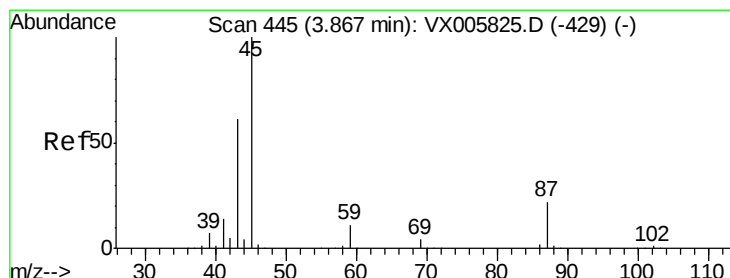
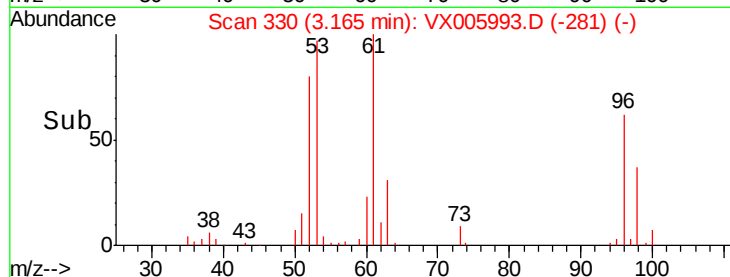
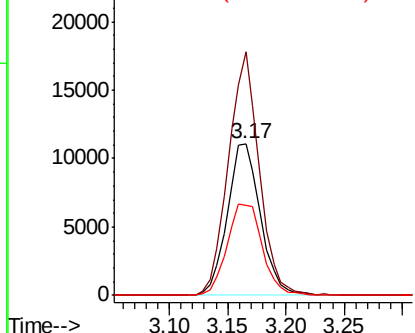
#21
trans-1,2-Dichloroethene
Concen: 18.801 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

Tot Ion: 96 Resp: 21982
Ion Ratio Lower Upper
96 100
61 160.4 115.6 173.4
98 59.7 50.2 75.2

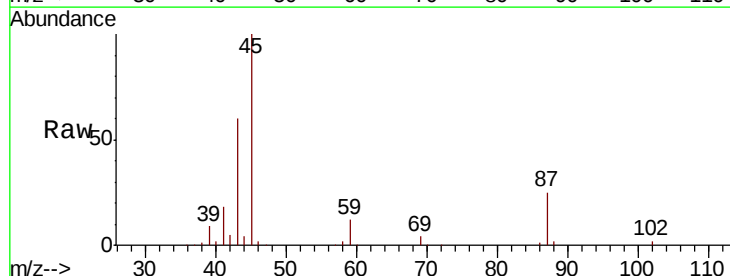


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

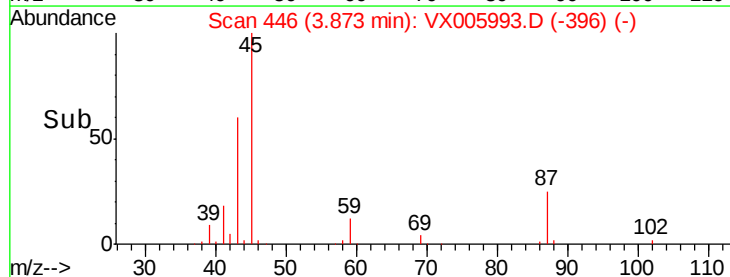
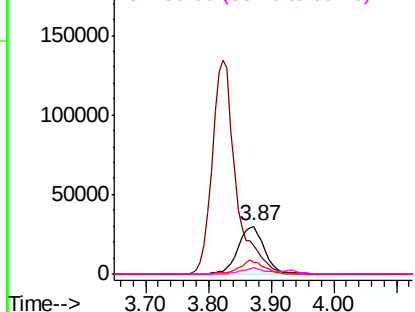


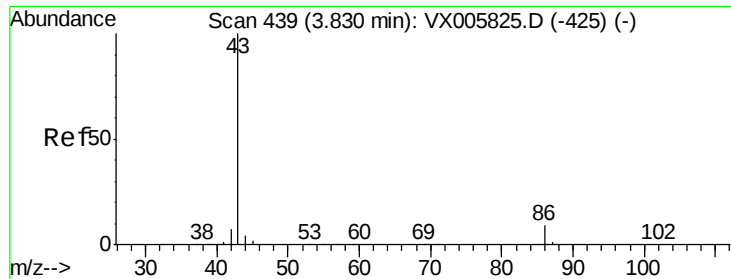
#22
Diisopropyl ether
Concen: 19.952 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 45 Resp: 86532
Ion Ratio Lower Upper
45 100
43 59.5 47.4 71.2
87 25.0 15.9 23.9#
59 12.3 7.7 11.5#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.715 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

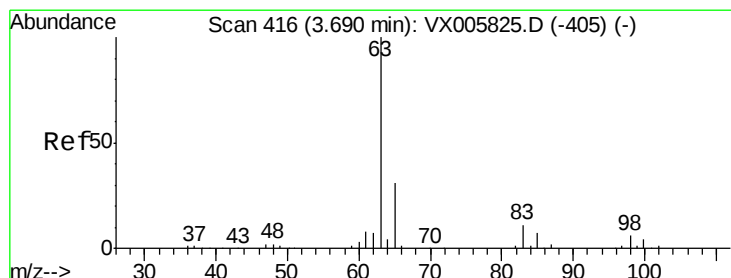
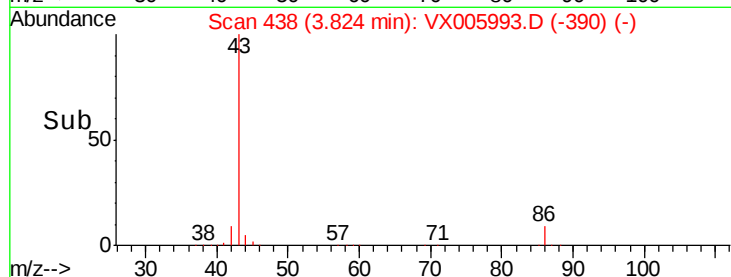
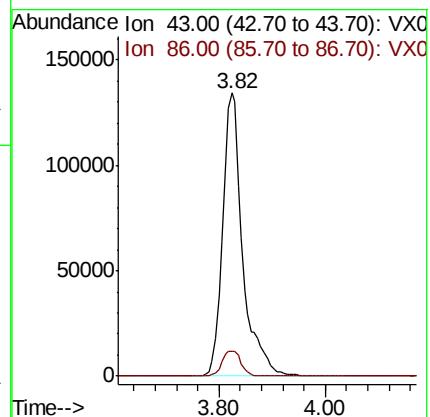
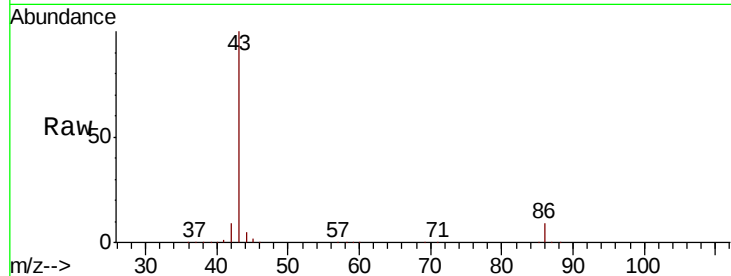
VX1114WBS02

Tot Ion: 43 Resp: 352208

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.2



#24

1,1-Dichloroethane

Concen: 19.553 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

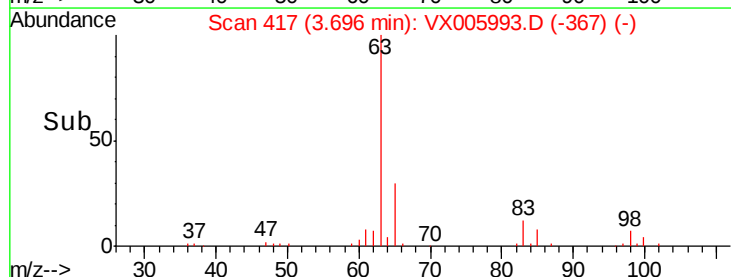
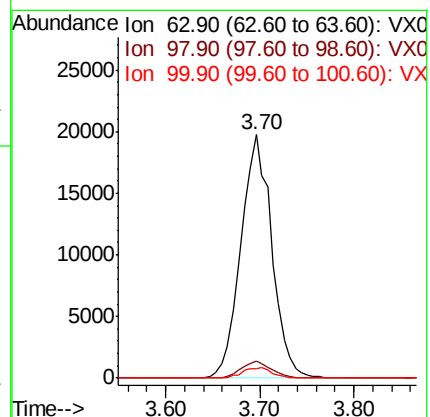
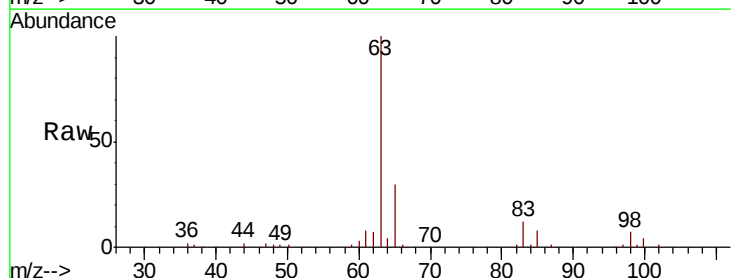
Tgt Ion: 63 Resp: 45243

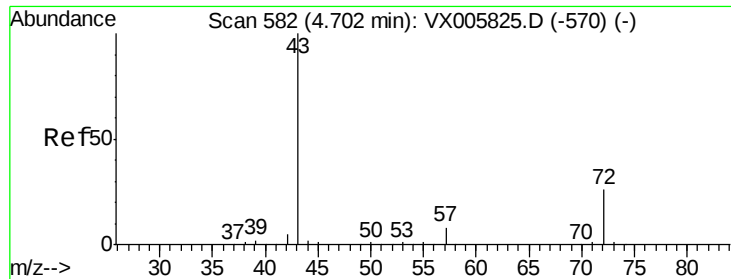
Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 96.081 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

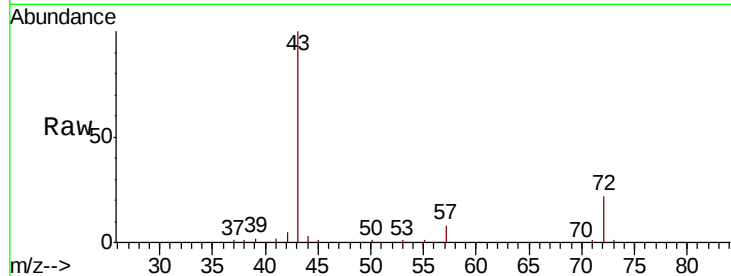
VX1114WBS02

Tot Ion: 43 Resp: 117263

Ion Ratio Lower Upper

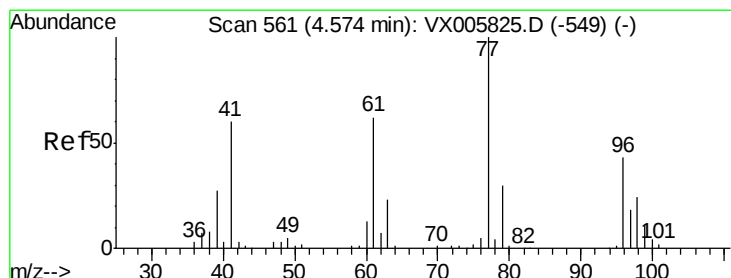
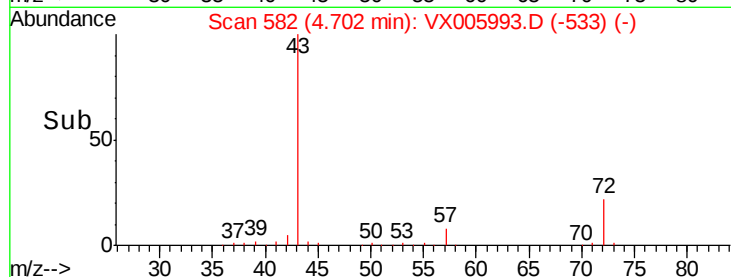
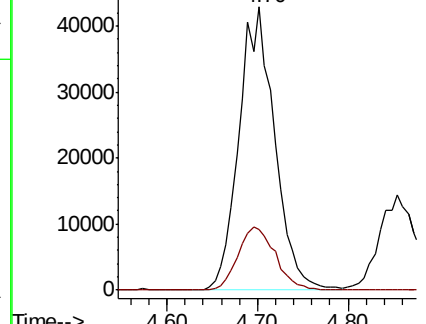
43 100

72 21.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX005825.D (-570) (-)



#26

2,2-Dichloropropane

Concen: 16.298 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005993.D

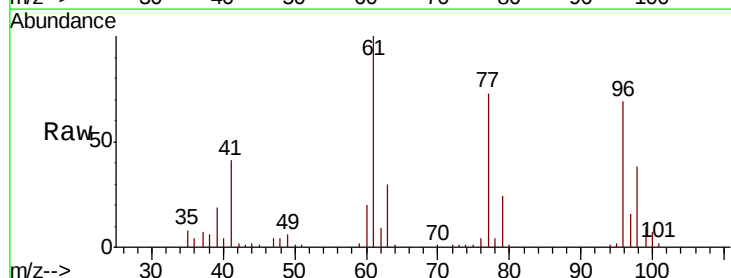
Acq: 15 Nov 2018 00:34

Tgt Ion: 77 Resp: 27663

Ion Ratio Lower Upper

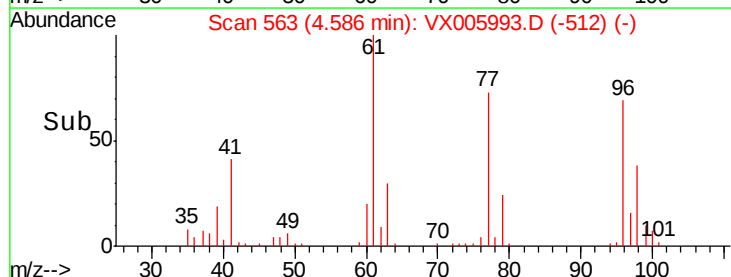
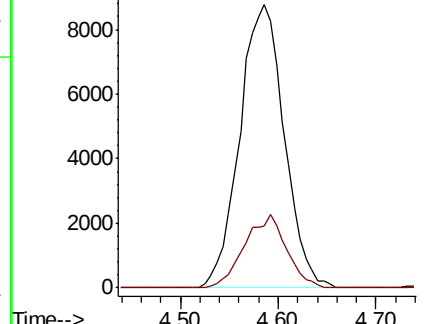
77 100

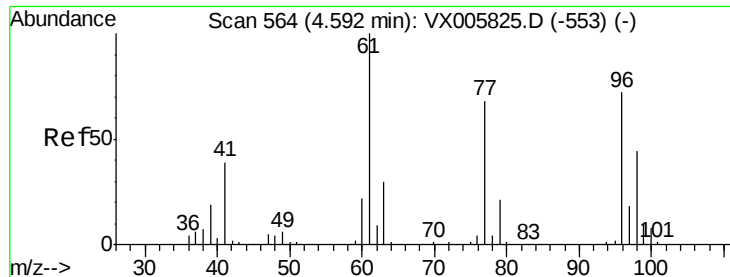
97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005825.D (-549) (-)

Ion 96.90 (96.60 to 97.60): VX005825.D (-549) (-)



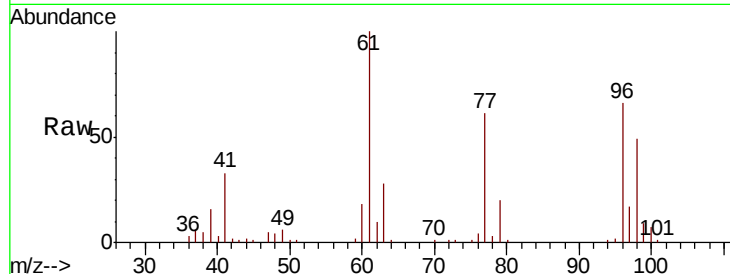


#27

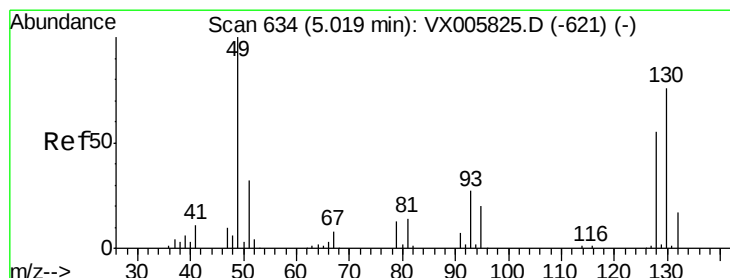
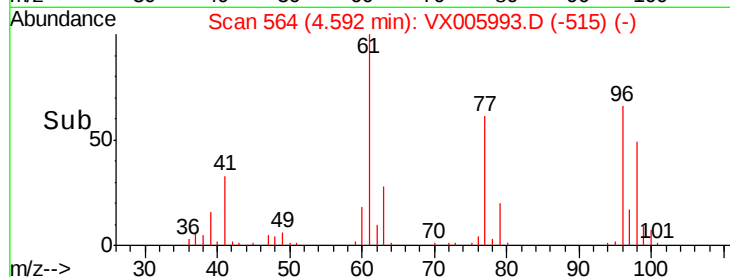
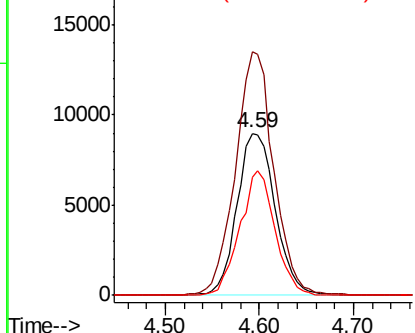
cis-1,2-Dichloroethene
Concen: 19.731 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

Tot Ion: 96 Resp: 25473
Ion Ratio Lower Upper
96 100
61 150.7 0.0 304.6
98 70.6 0.0 127.4



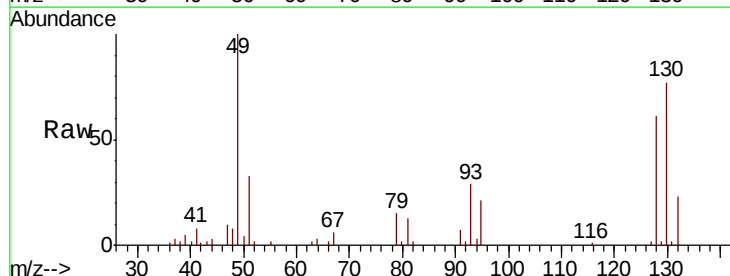
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



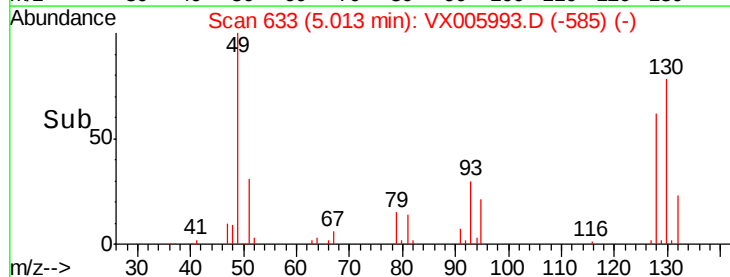
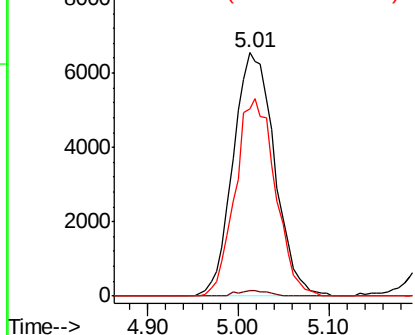
#28

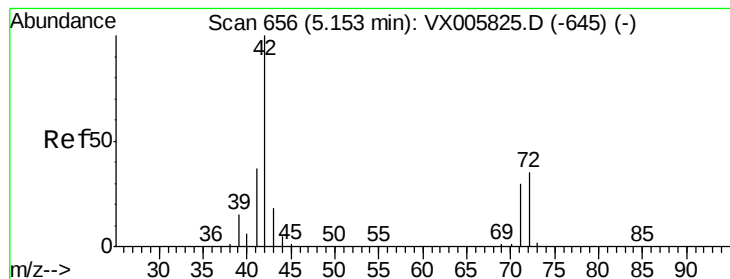
Bromochloromethane
Concen: 20.061 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 49 Resp: 20745
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 78.1 58.9 88.3



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: 96.452 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

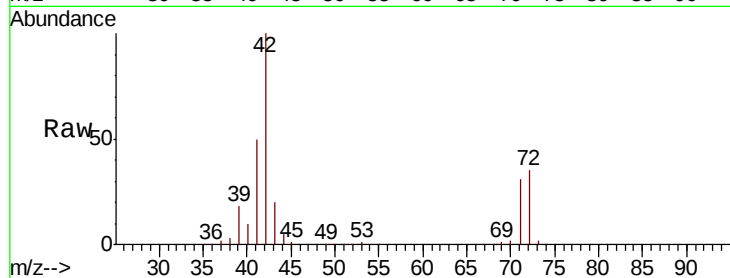
Tot Ion: 42 Resp: 75582

Ion Ratio Lower Upper

42 100

72 41.8 32.0 48.0

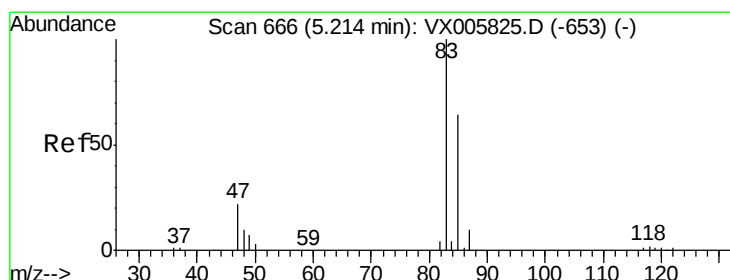
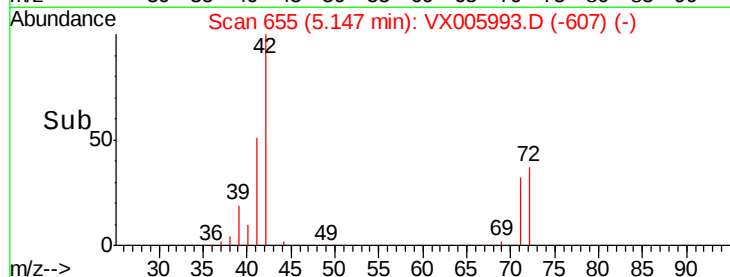
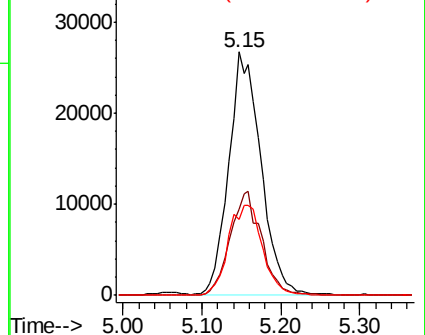
71 39.5 29.8 44.8



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: 20.595 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005993.D

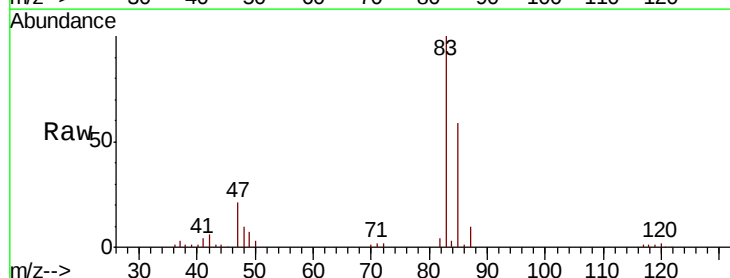
Acq: 15 Nov 2018 00:34

Tgt Ion: 83 Resp: 45975

Ion Ratio Lower Upper

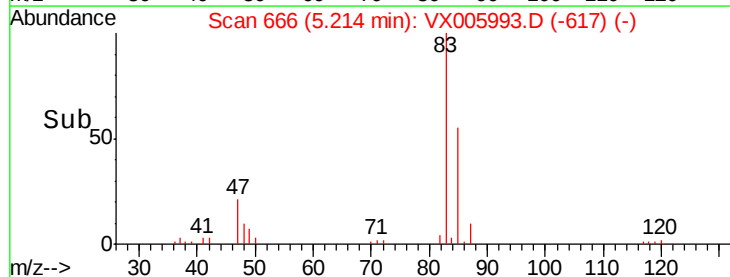
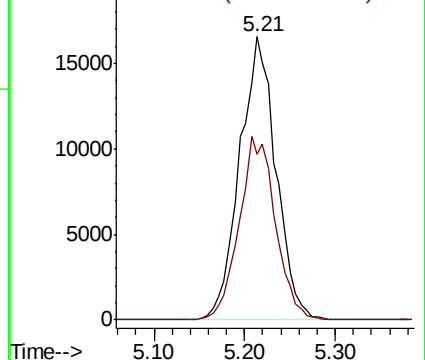
83 100

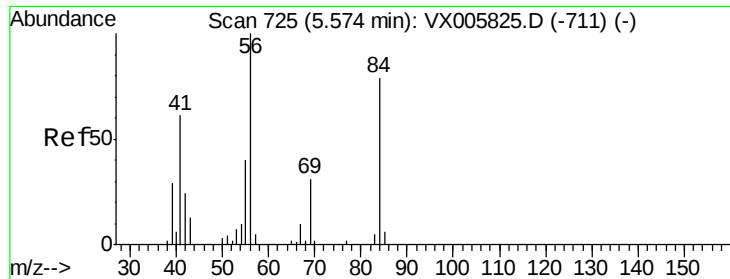
85 58.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.803 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

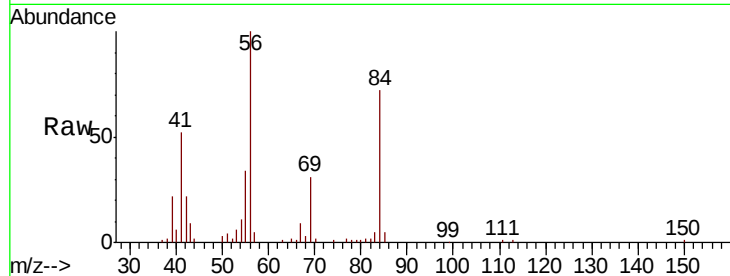
Tot Ion: 56 Resp: 35759

Ion Ratio Lower Upper

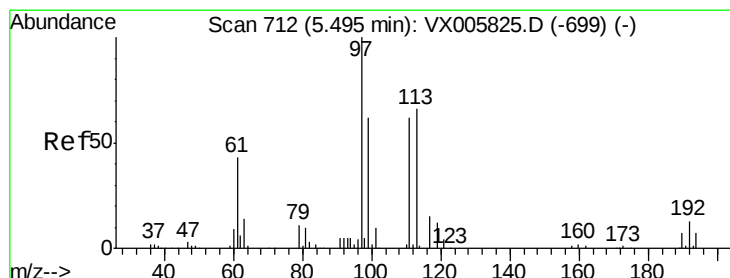
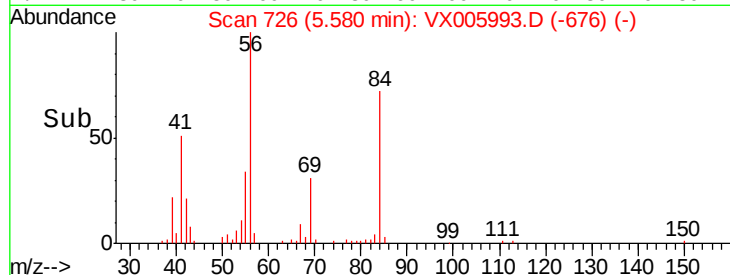
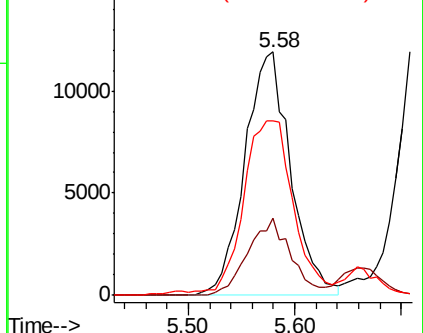
56 100

69 31.5 22.6 34.0

84 70.3 62.7 94.1



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



#32

1,1,1-Trichloroethane

Concen: 18.122 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

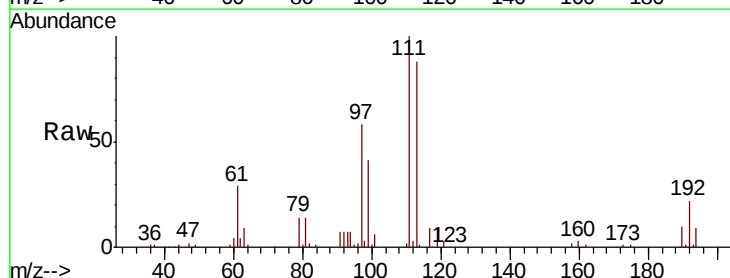
Tgt Ion: 97 Resp: 33744

Ion Ratio Lower Upper

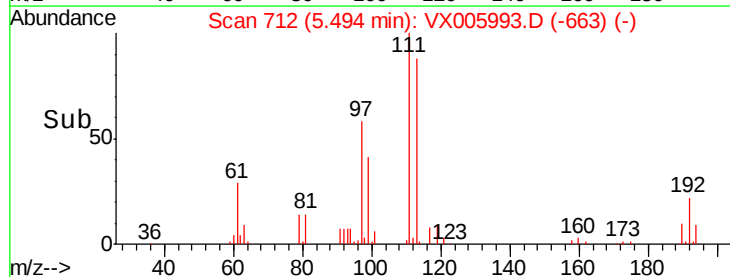
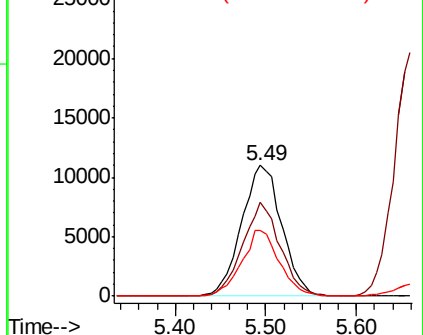
97 100

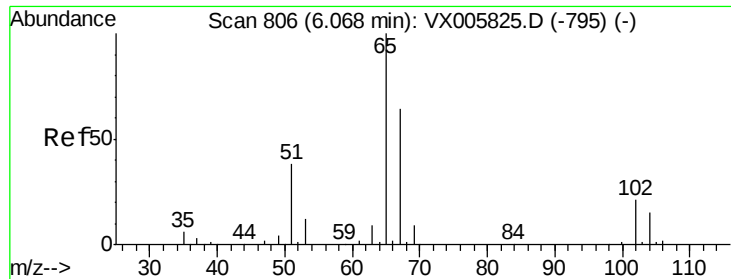
99 66.7 52.3 78.5

61 47.0 35.2 52.8



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

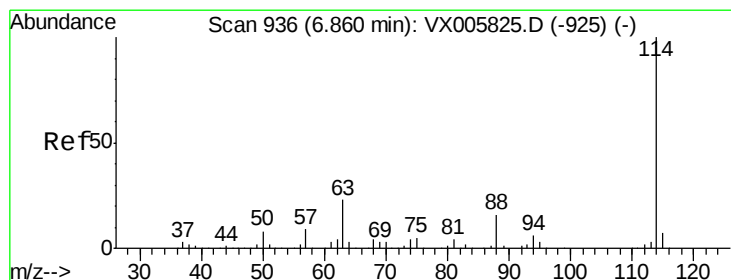
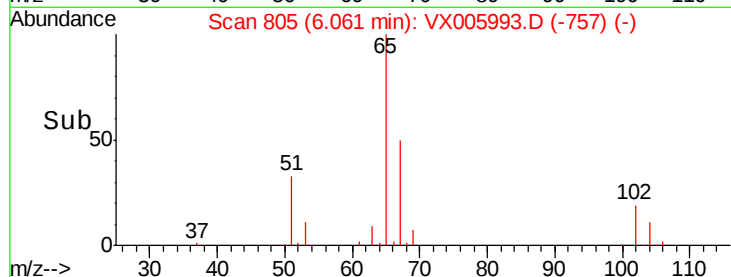
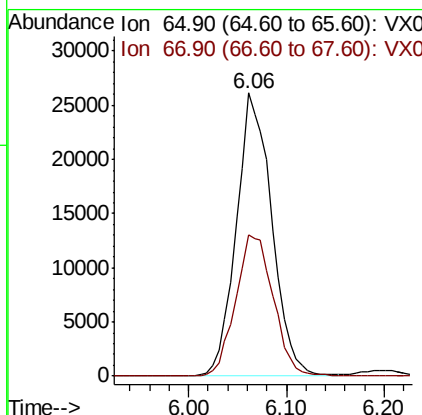
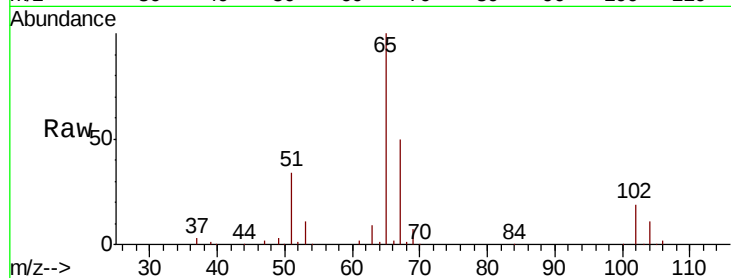




#33
 1,2-Dichloroethane-d4
 Concen: 45.456 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

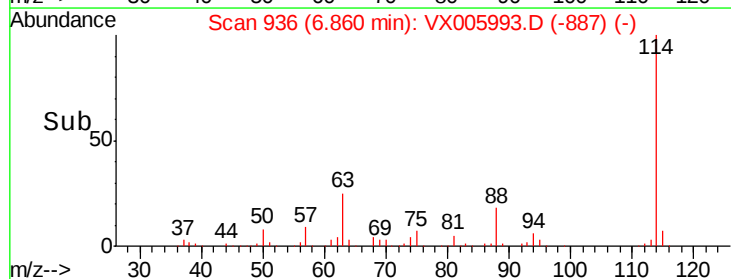
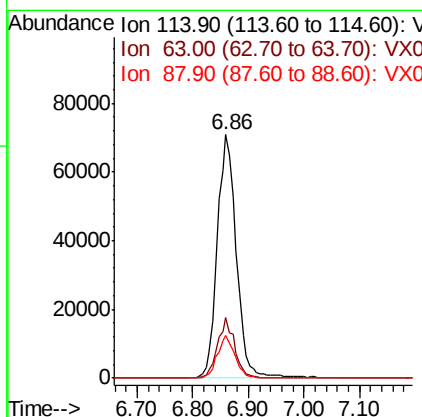
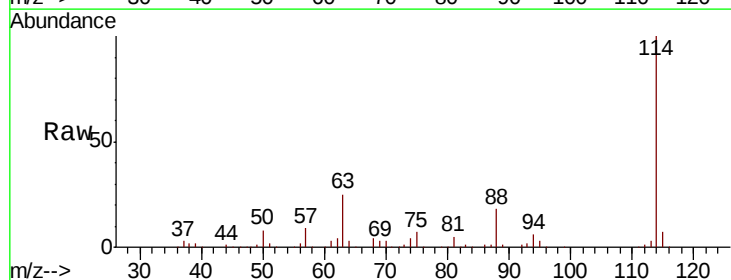
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

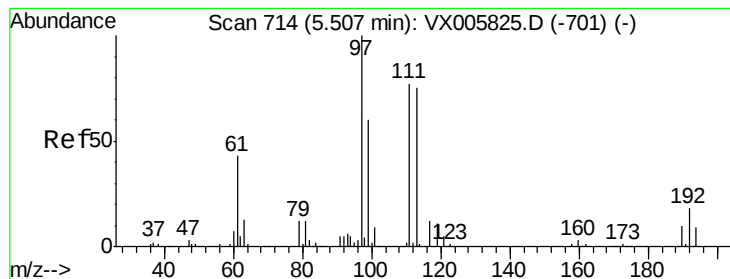
Tot Ion: 65 Resp: 65537
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 114 Resp: 169030
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 42.8
 88 17.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.126 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

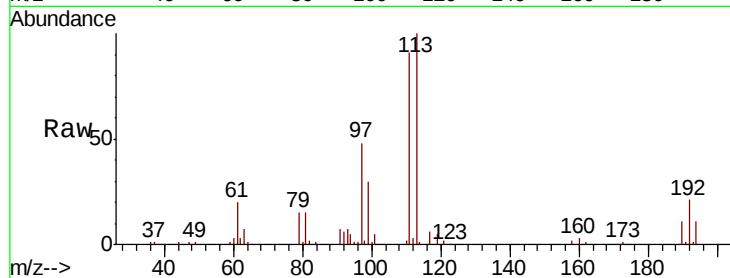
Tot Ion:113 Resp: 55329

Ion Ratio Lower Upper

113 100

111 99.4 82.3 123.5

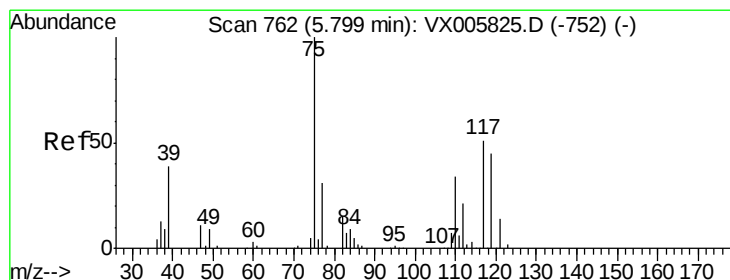
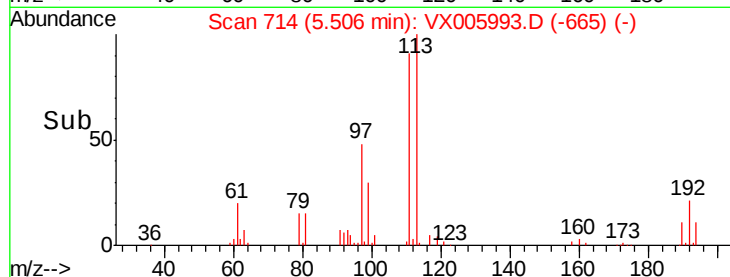
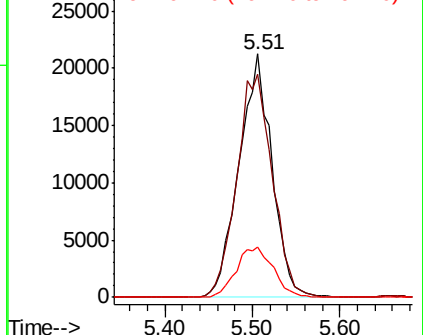
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.421 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

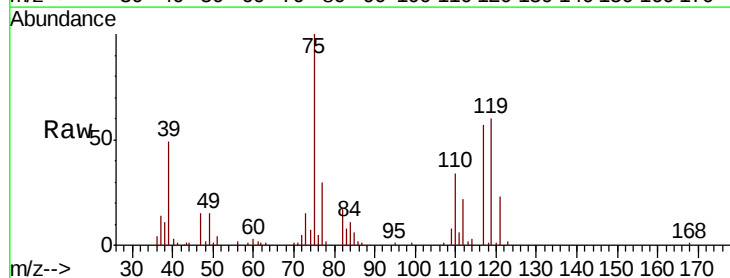
Tgt Ion: 75 Resp: 28388

Ion Ratio Lower Upper

75 100

110 35.7 17.4 52.2

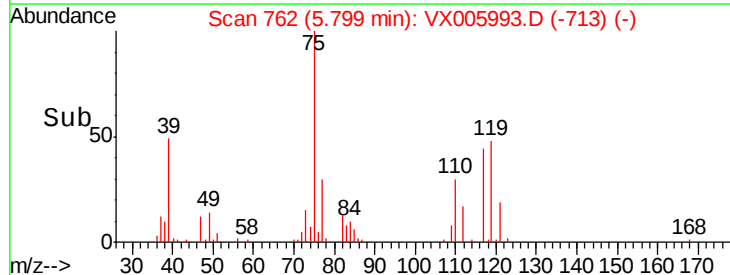
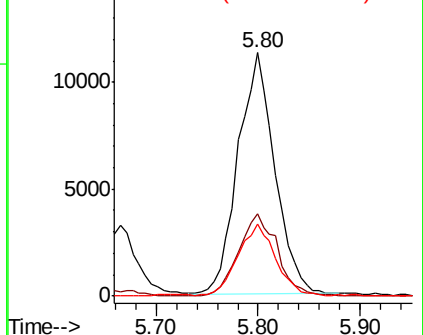
77 30.6 25.8 38.6

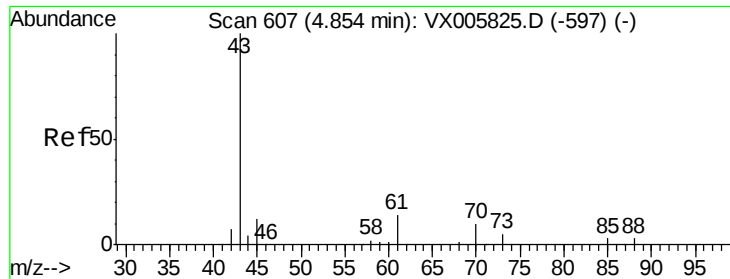


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

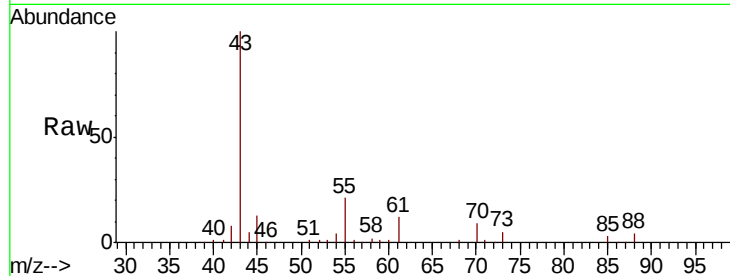




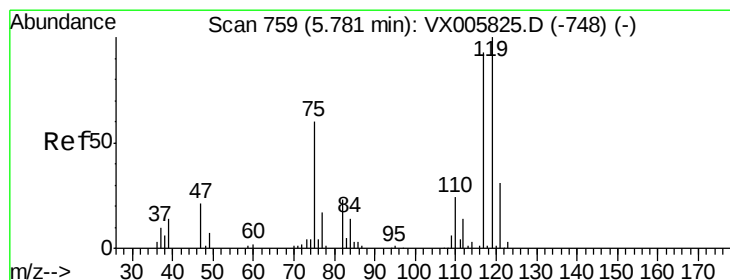
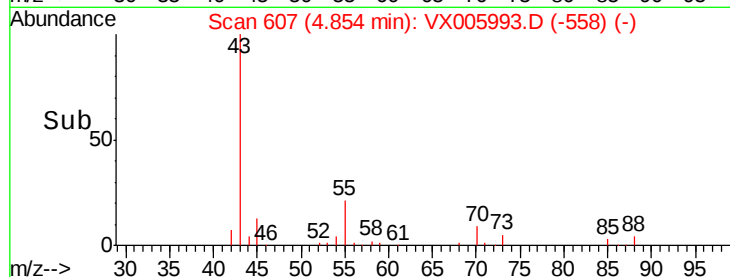
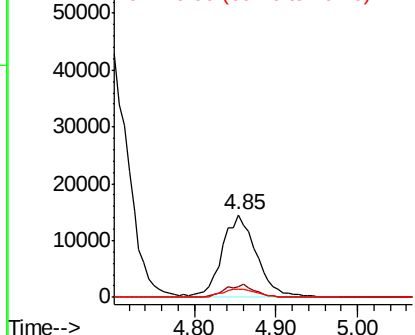
#37
Ethyl Acetate
Concen: 19.315 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

Tot Ion: 43 Resp: 41389
Ion Ratio Lower Upper
43 100
61 13.9 10.8 16.2
70 10.2 7.8 11.8

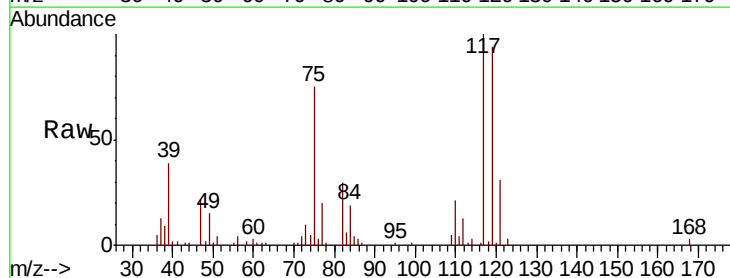


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

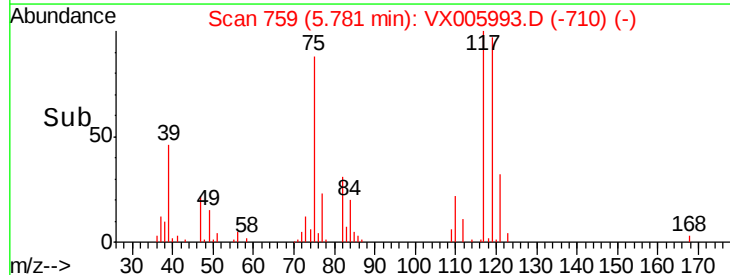
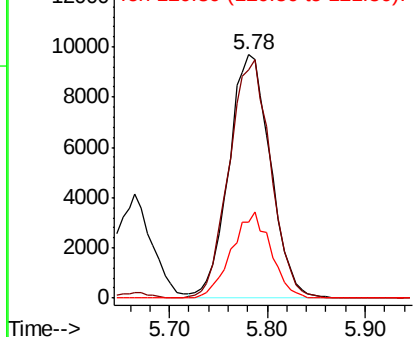


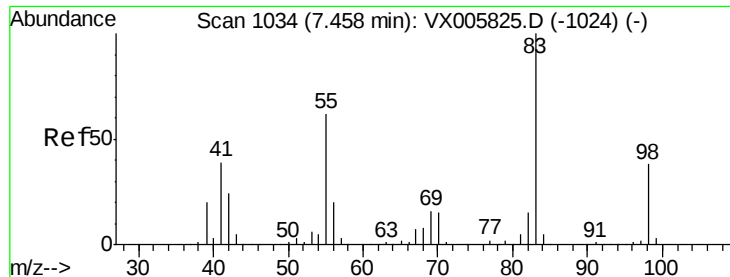
#38
Carbon Tetrachloride
Concen: 17.532 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 117 Resp: 28600
Ion Ratio Lower Upper
117 100
119 93.9 78.1 117.1
121 31.3 24.6 36.8



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

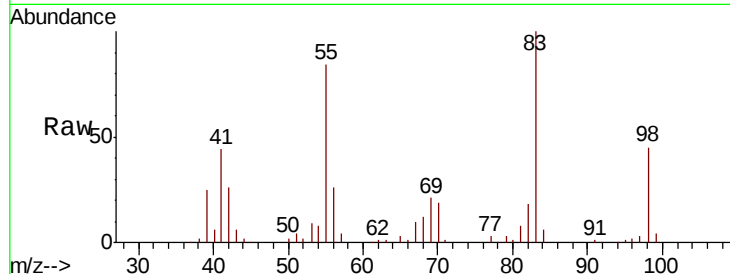




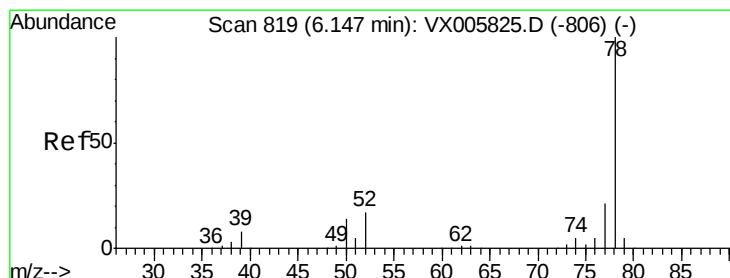
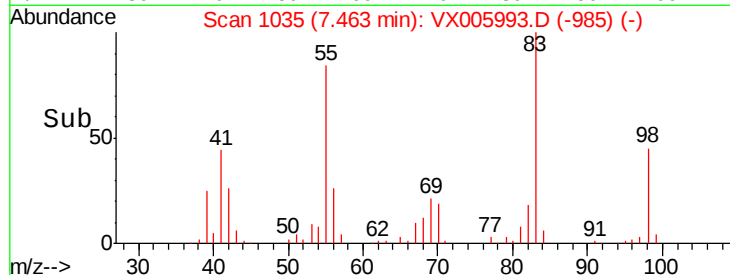
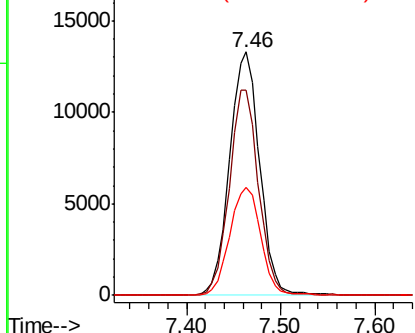
#39
Methvlcvclohexane
Concen: 17.760 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

Tot Ion: 83 Resp: 29331
Ion Ratio Lower Upper
83 100
55 84.1 63.7 95.5
98 44.5 36.2 54.2

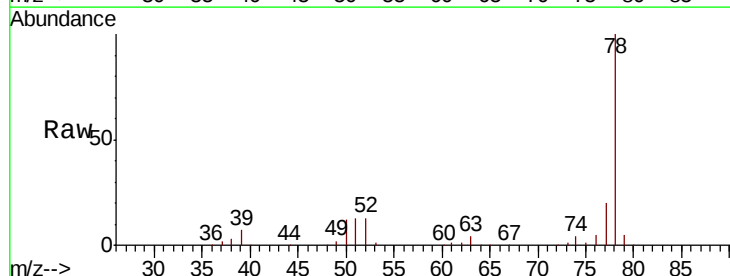


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

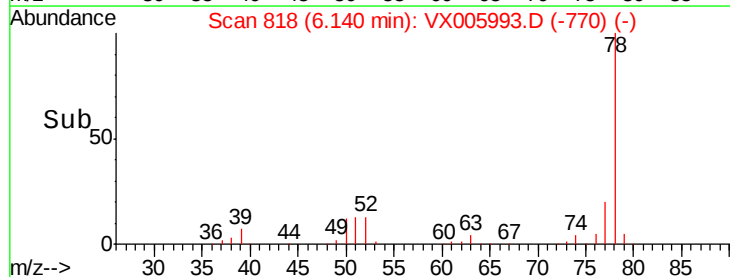
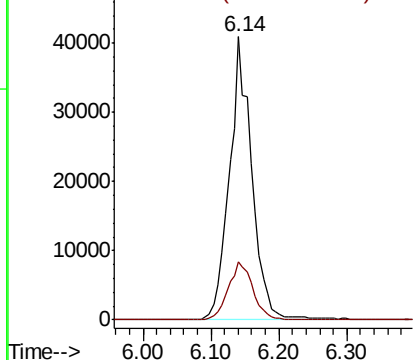


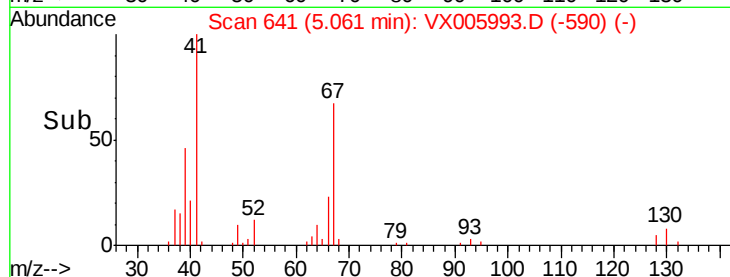
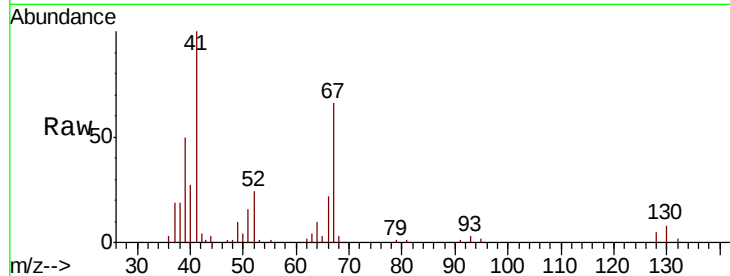
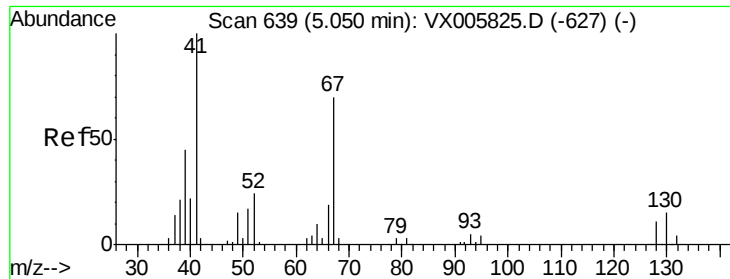
#40
Benzene
Concen: 19.667 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 78 Resp: 93423
Ion Ratio Lower Upper
78 100
77 20.5 18.4 27.6



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

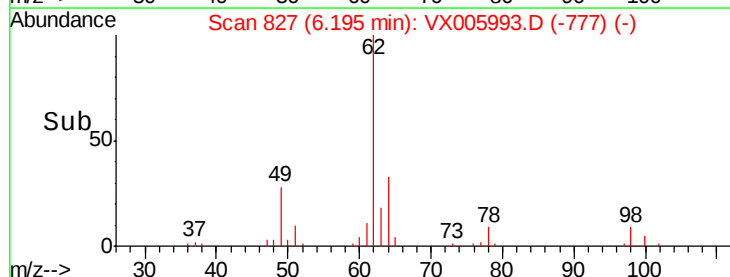
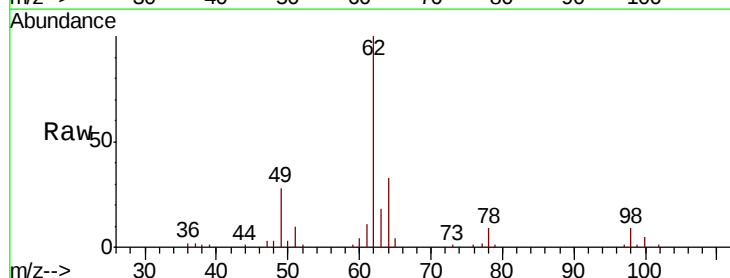
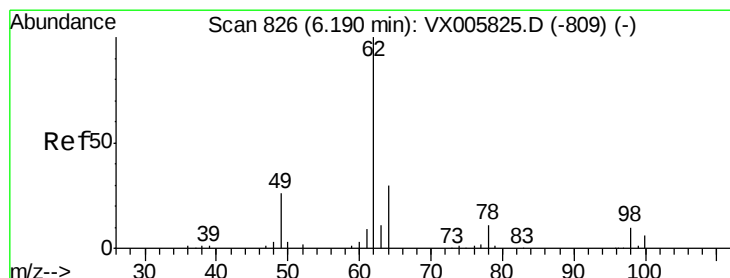
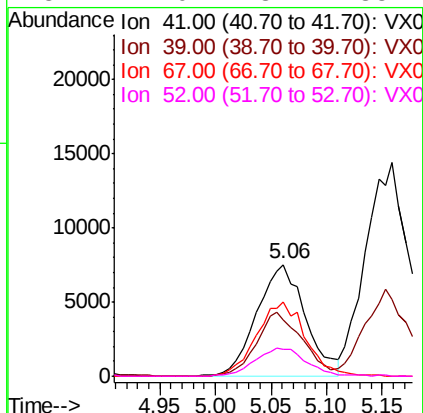




#41
Methacrylonitrile
Concen: 19.835 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

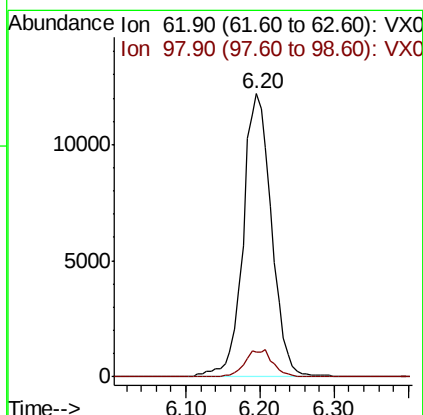
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

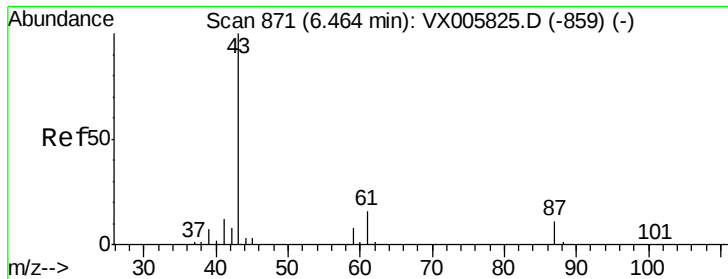
Tot Ion:	41	Resp:	22966
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.2	63.2
67	66.6	53.4	80.0
52	27.0	23.4	35.2



#42
1,2-Dichloroethane
Concen: 19.153 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion:	62	Resp:	32588
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



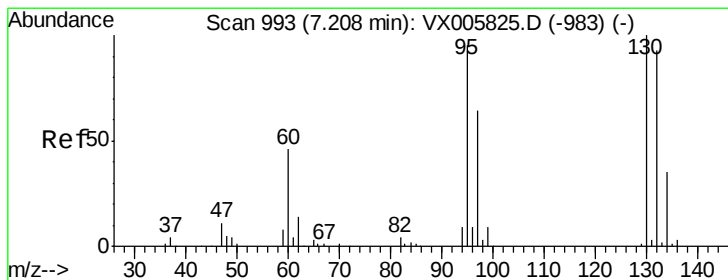
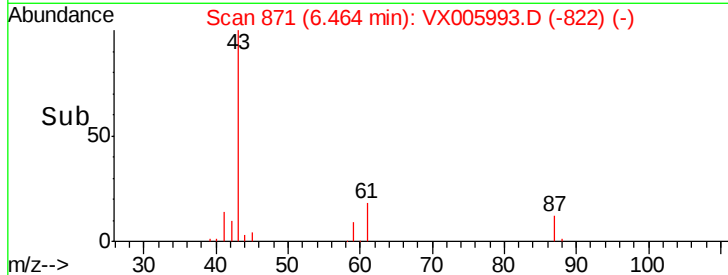
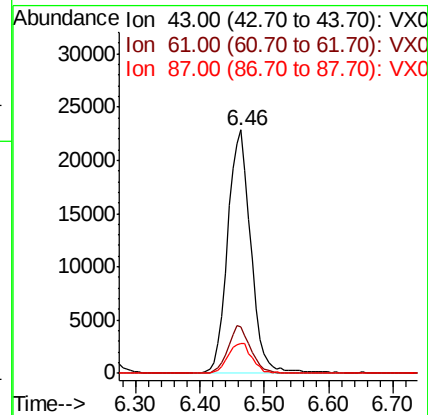
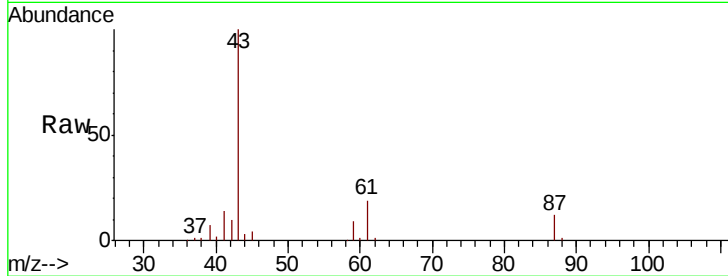


#43

Isopropyl Acetate
 Concen: 18.753 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

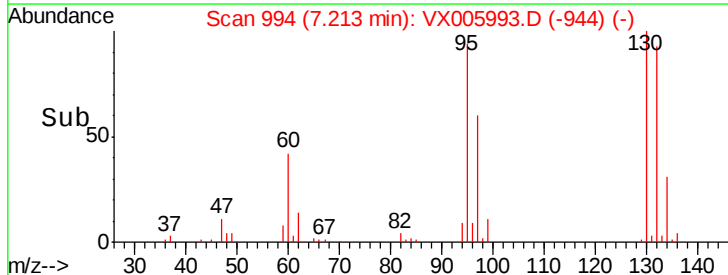
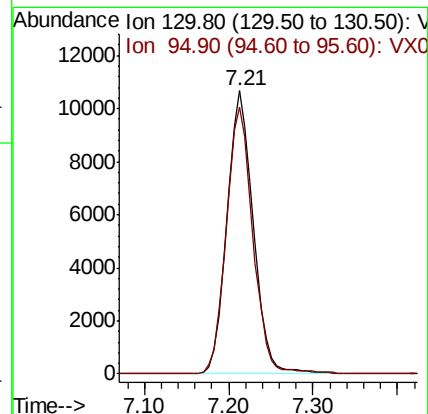
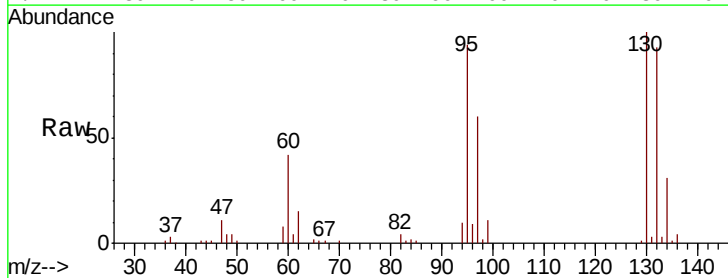
Tot Ion	43	61	87
Resp	58227		
Ratio	100	19.1	12.6
Lower		14.6	9.6
Upper		22.0	14.4

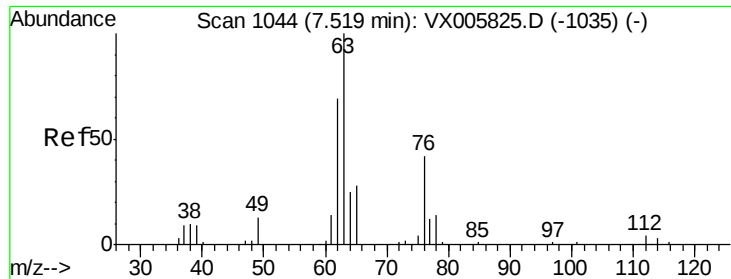


#44

Trichloroethene
 Concen: 18.979 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion	130	95
Resp	22896	
Ratio	100	94.4
Lower		0.0
Upper		194.2

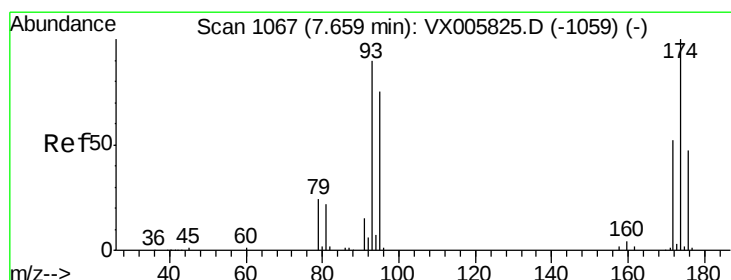
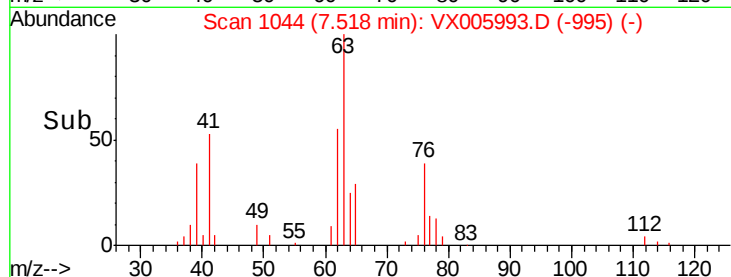
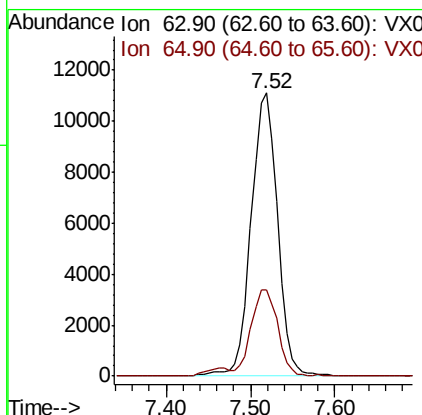
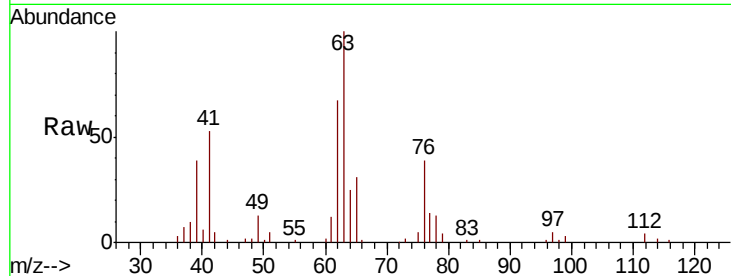




#45
 1,2-Dichloropropane
 Concen: 20.553 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

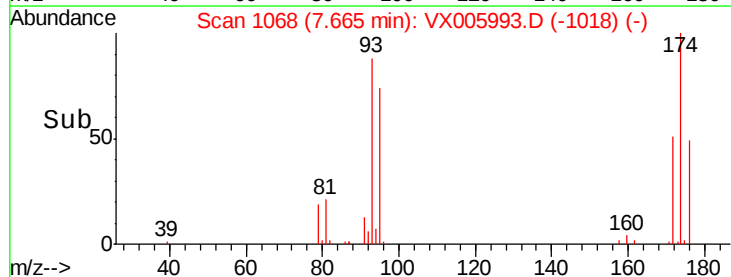
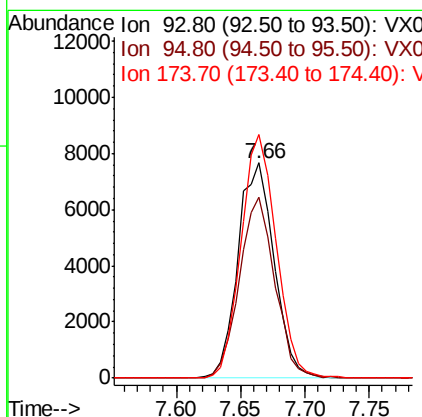
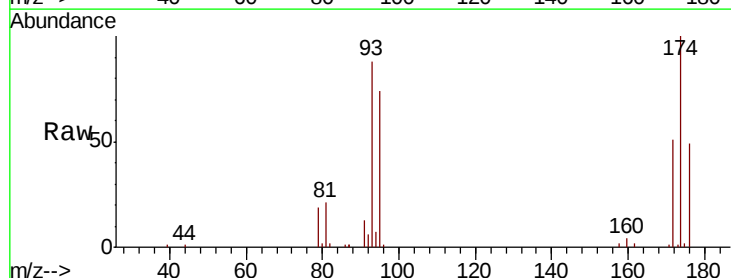
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

Tot Ion: 63 Resp: 23698
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2



#46
 Dibromomethane
 Concen: 20.541 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 93 Resp: 14862
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.4 101.0
 174 110.7 91.5 137.3





#47

Bromodichloromethane

Concen: 20.497 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

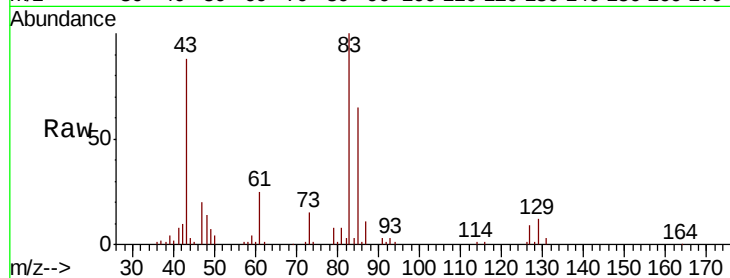
Tot Ion: 83 Resp: 28026

Ion Ratio Lower Upper

83 100

85 65.1 50.2 75.4

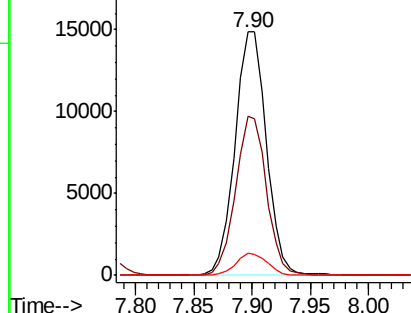
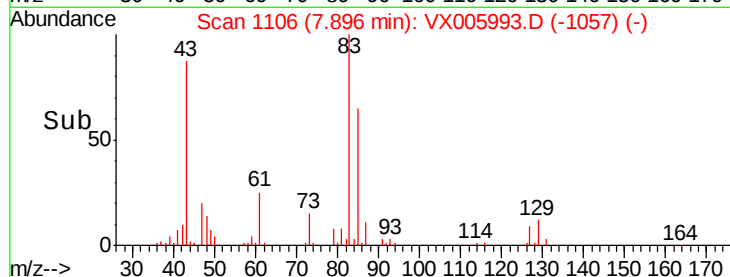
127 9.4 6.9 10.3



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: 20.771 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

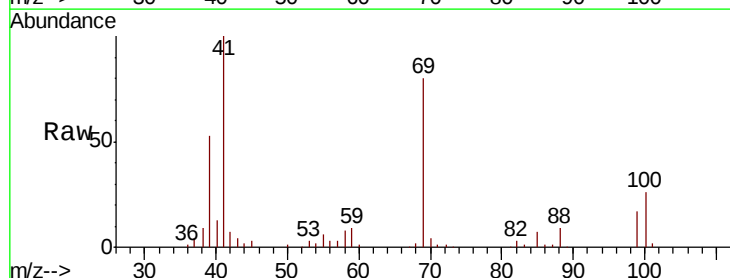
Tgt Ion: 41 Resp: 28959

Ion Ratio Lower Upper

41 100

69 79.0 63.2 94.8

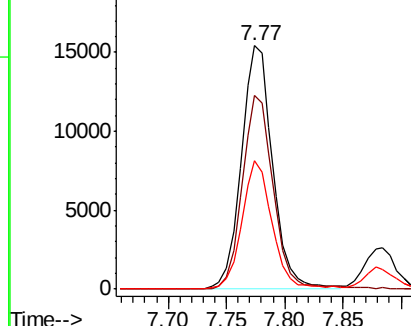
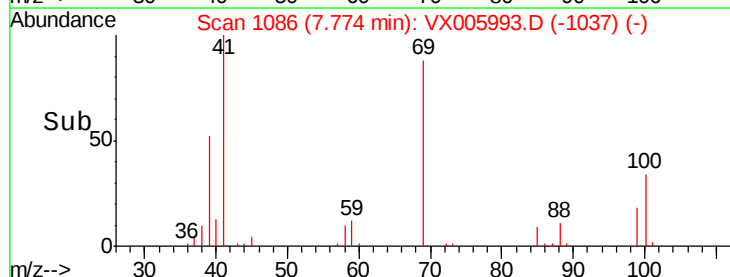
39 50.6 42.2 63.2



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

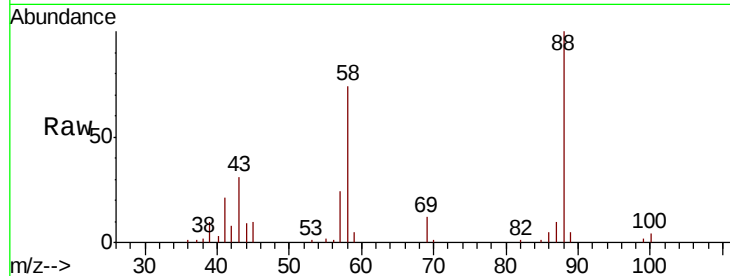




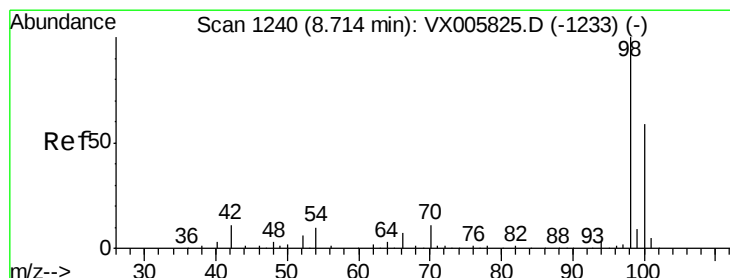
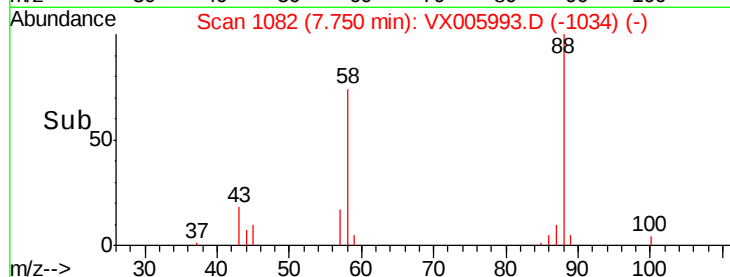
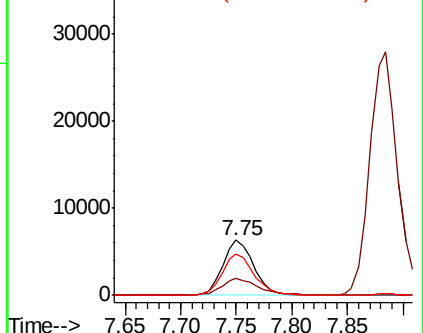
#49
1,4-Dioxane
Concen: 404.724 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

Tot Ion: 88 Resp: 12159
Ion Ratio Lower Upper
88 100
43 36.8 27.4 41.0
58 77.0 59.4 89.2

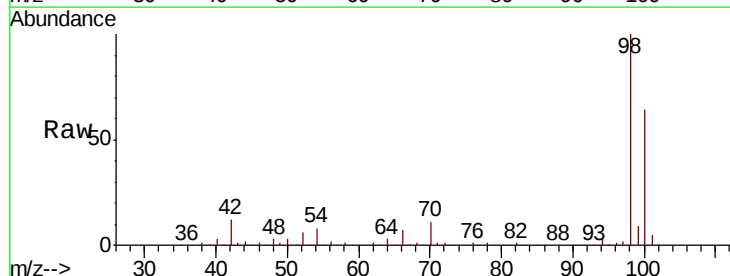


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

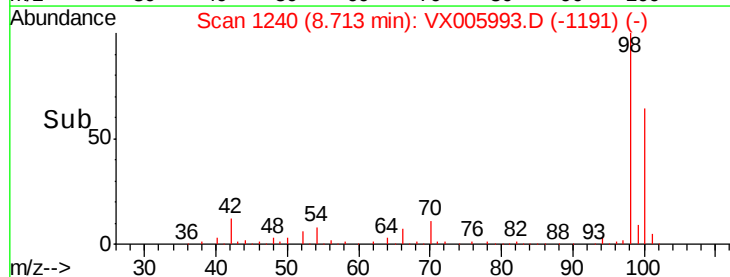
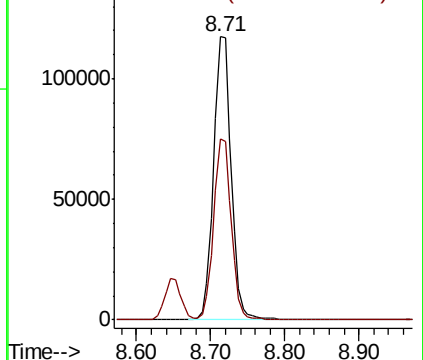


#50
Toluene-d8
Concen: 49.631 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 98 Resp: 189696
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 100.412 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

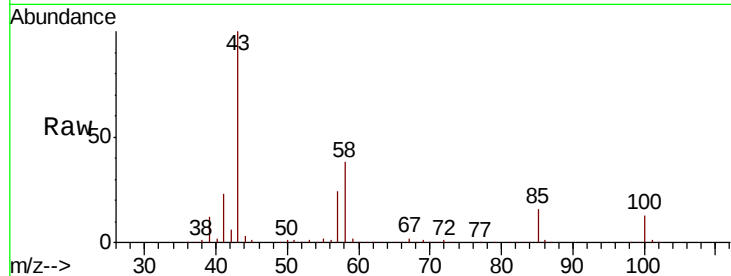
VX1114WBS02

Tot Ion: 43 Resp: 196494

Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005825.D (-1219) (-)

8.65

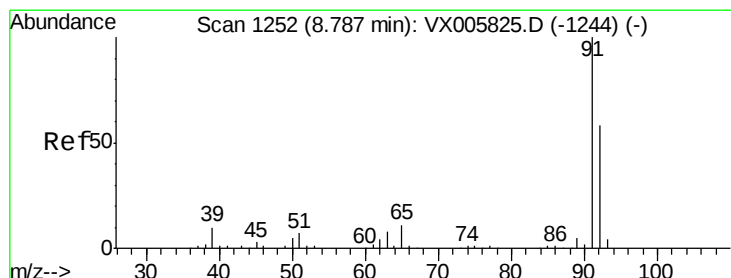
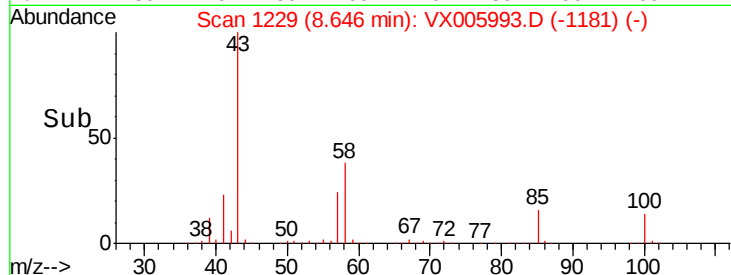
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.692 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005993.D

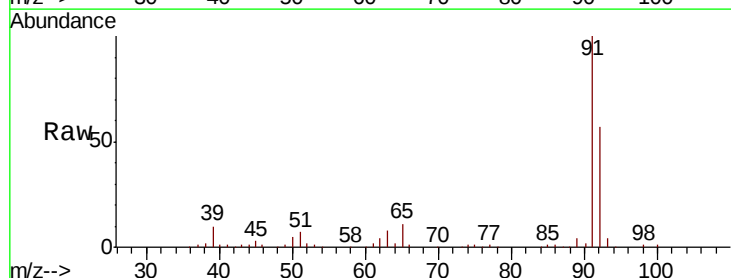
Acq: 15 Nov 2018 00:34

Tgt Ion: 92 Resp: 52281

Ion Ratio Lower Upper

92 100

91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005825.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1244) (-)

8.79

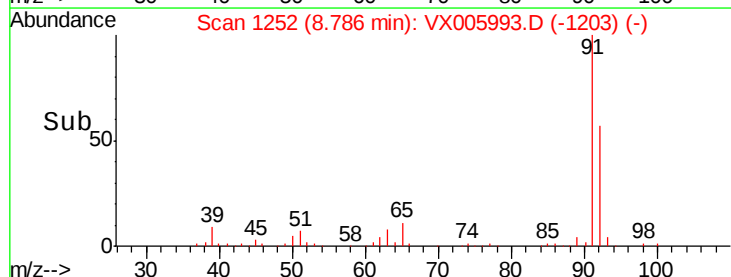
60000

40000

20000

0

Time--> 8.70 8.80 8.90

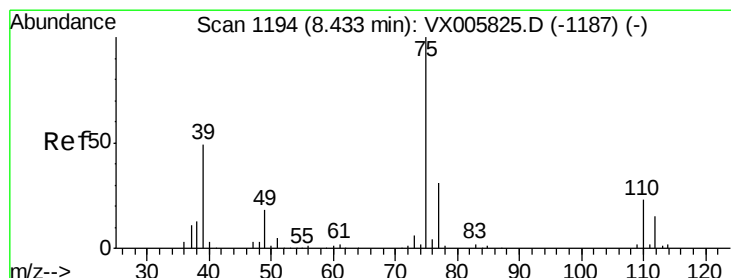
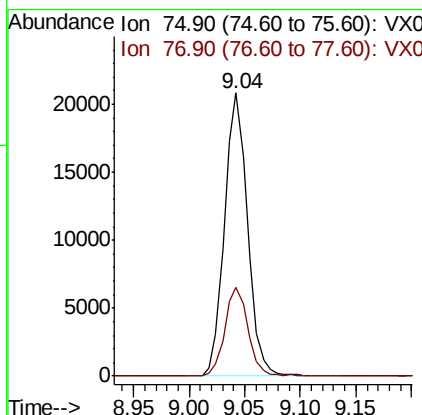
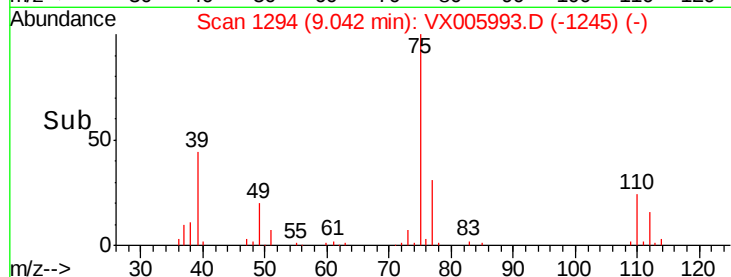
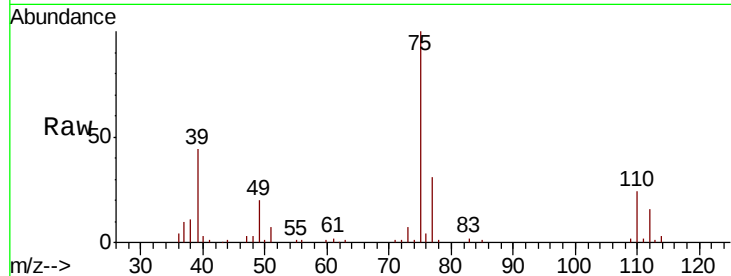




#53
 t-1,3-Dichloropropene
 Concen: 18.537 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

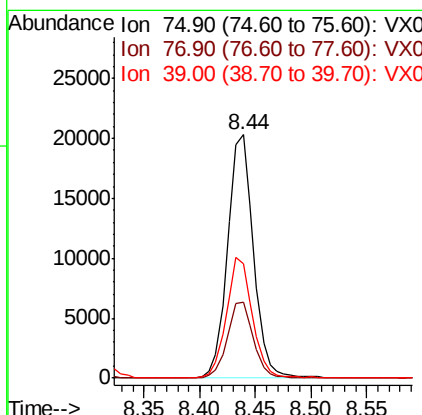
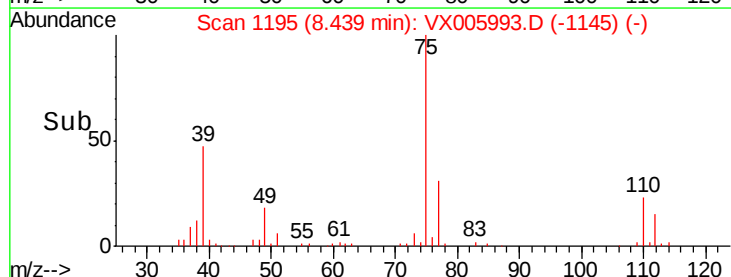
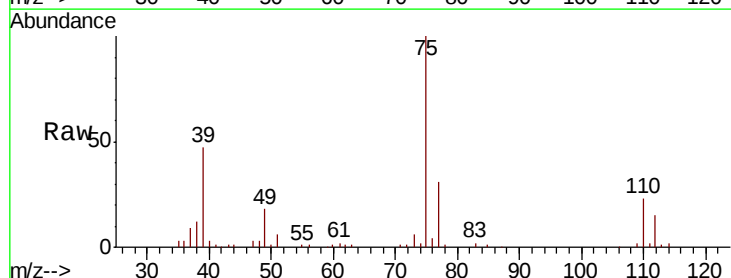
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

Tot Ion: 75 Resp: 29911
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.862 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 75 Resp: 32666
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 46.8 38.2 57.2

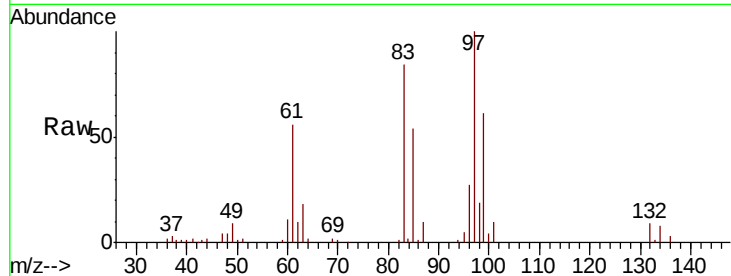




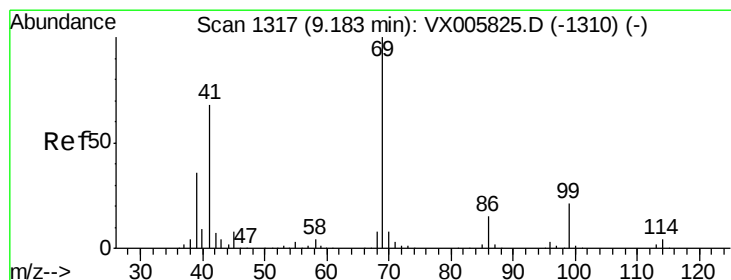
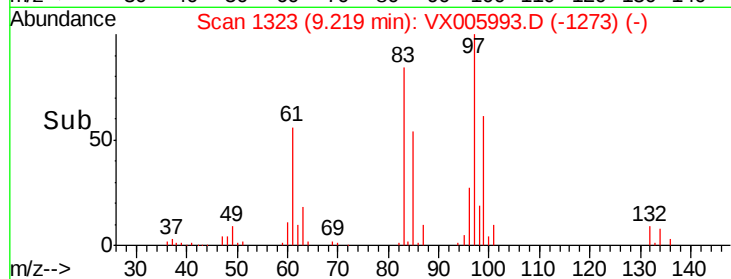
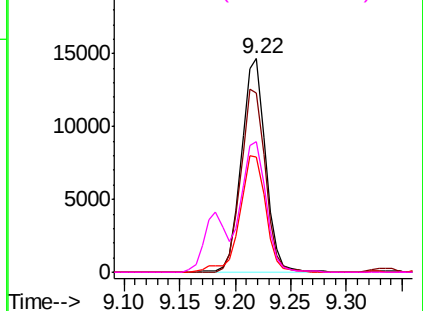
#55
 1,1,2-Trichloroethane
 Concen: 18.638 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

Tot Ion: 97 Resp: 22053
 Ion Ratio Lower Upper
 97 100
 83 83.8 70.7 106.1
 85 53.7 45.8 68.6
 99 61.0 51.8 77.8

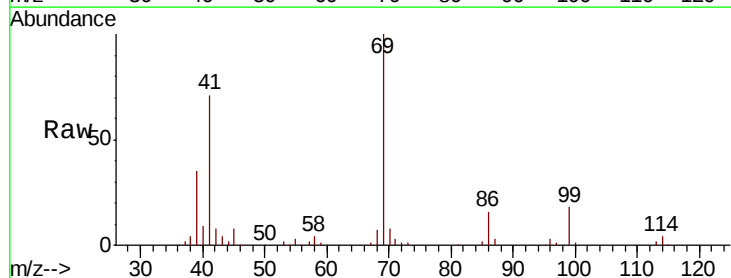


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

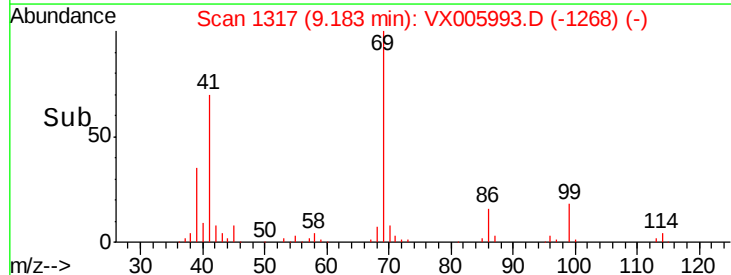
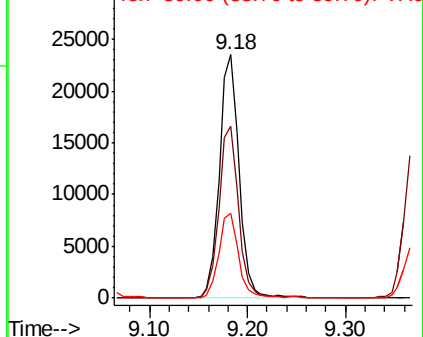


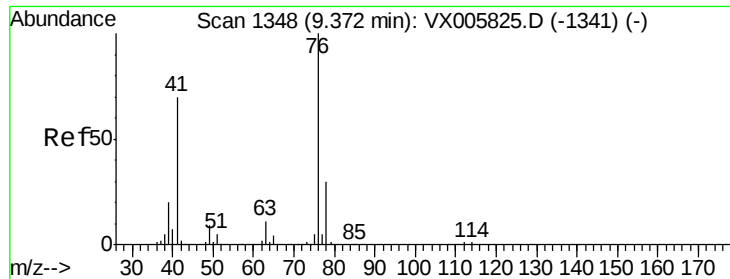
#56
 Ethyl methacrylate
 Concen: 18.516 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 69 Resp: 32780
 Ion Ratio Lower Upper
 69 100
 41 71.5 57.0 85.6
 39 35.7 28.3 42.5



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

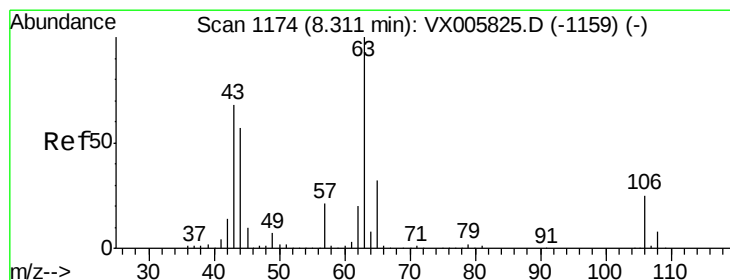
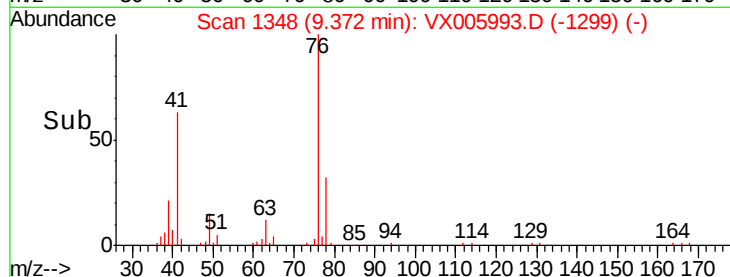
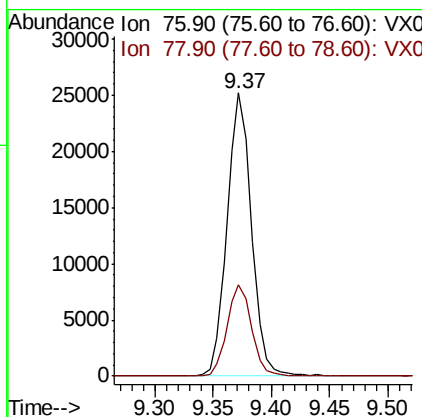
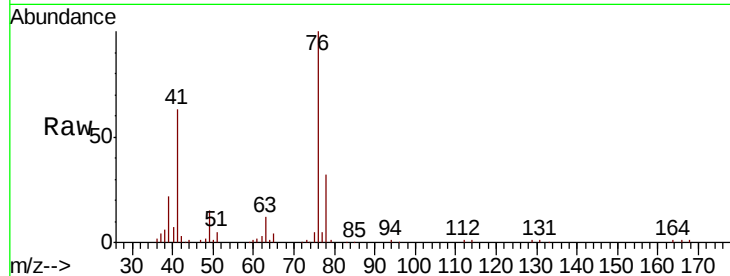




#57
 1,3-Dichloropropane
 Concen: 18.475 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

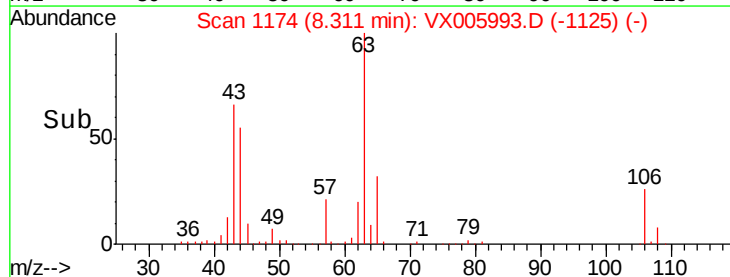
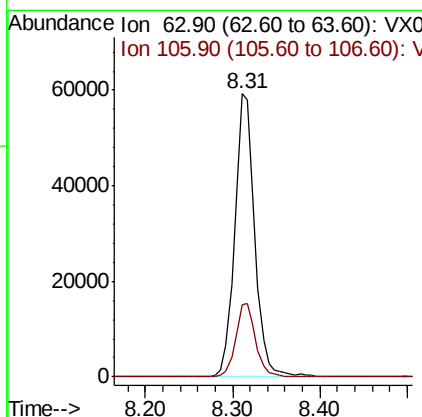
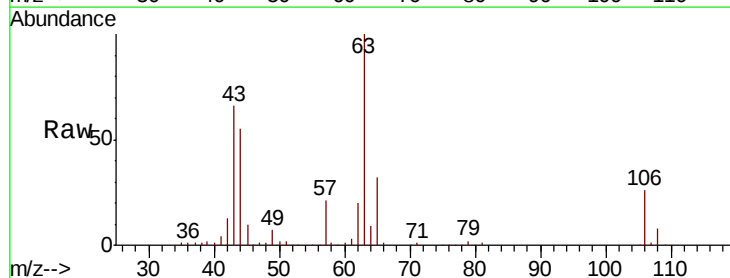
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

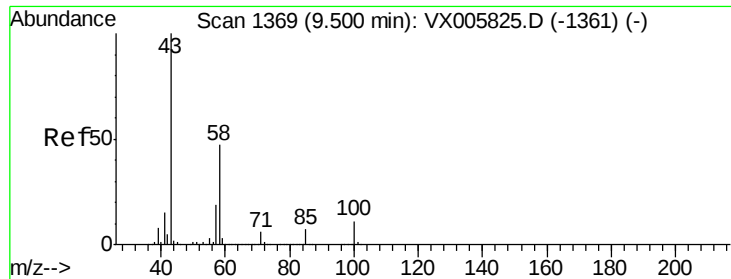
Tot Ion: 76 Resp: 36735
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.377 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 63 Resp: 94884
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.3 31.9

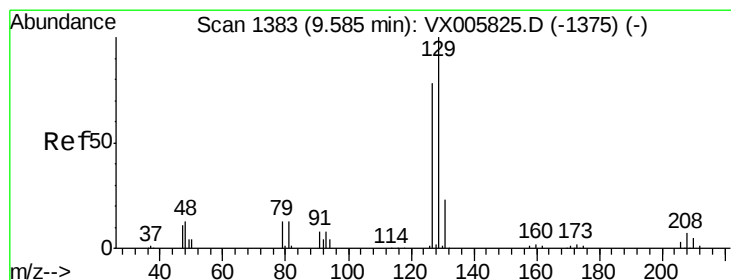
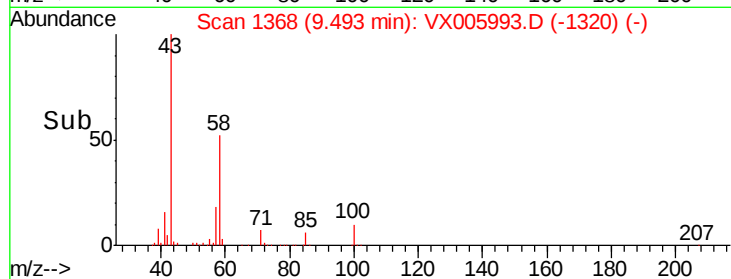
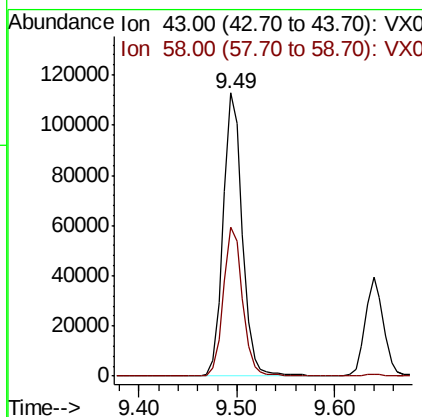
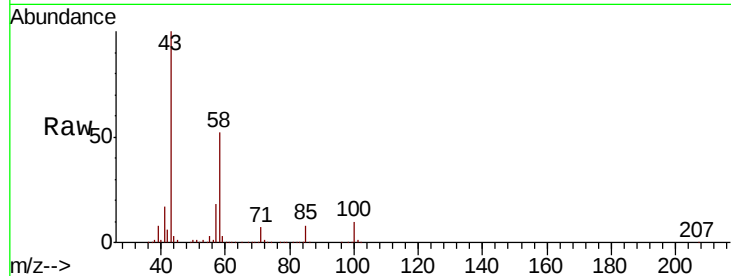




#59
2-Hexanone
Concen: 89.014 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

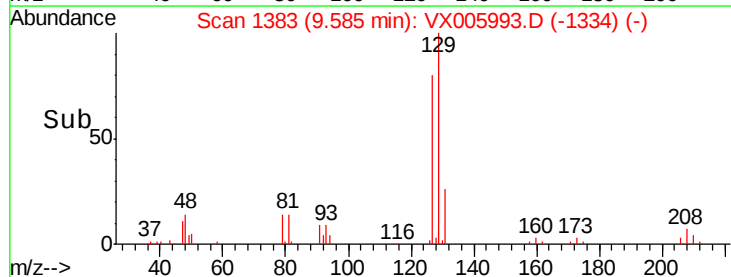
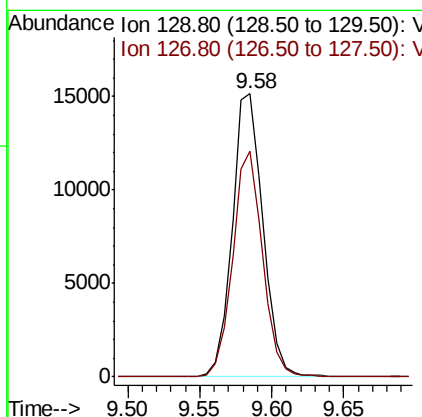
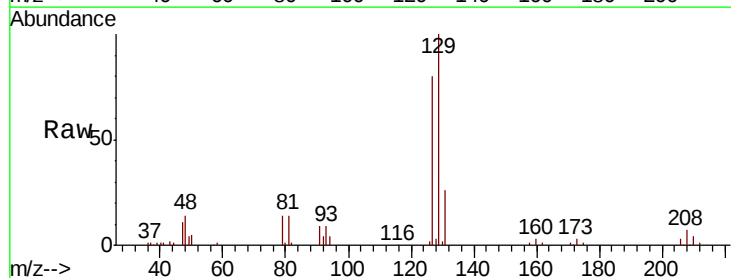
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

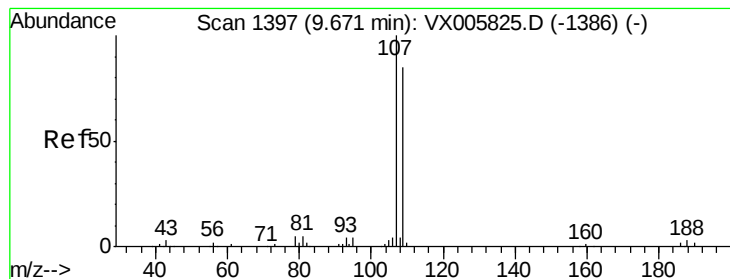
Tot Ion: 43 Resp: 153539
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 17.558 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion:129 Resp: 22452
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.463 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

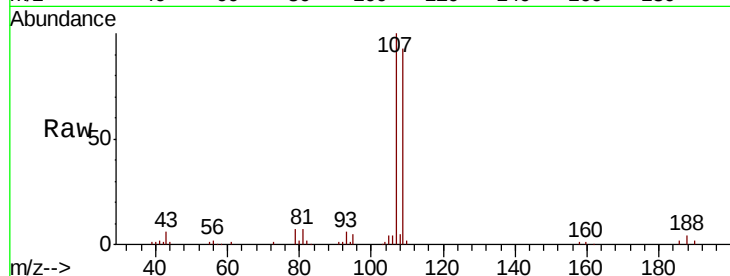
VX1114WBS02

Tot Ion:107 Resp: 22848

Ion Ratio Lower Upper

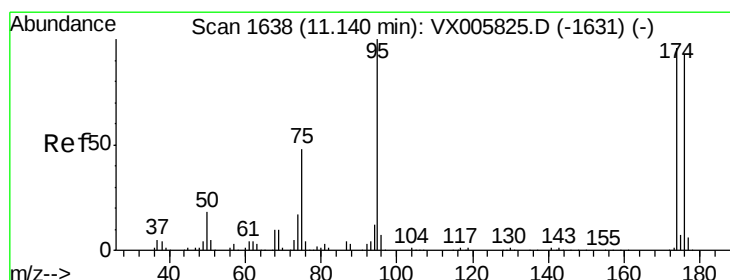
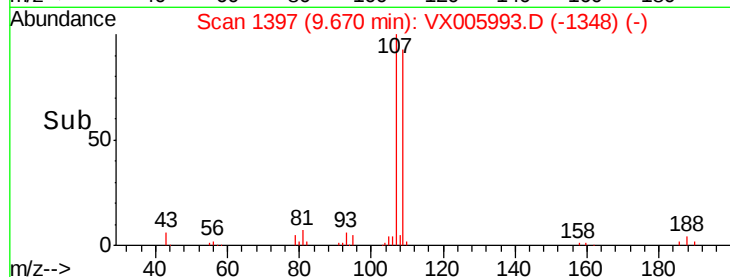
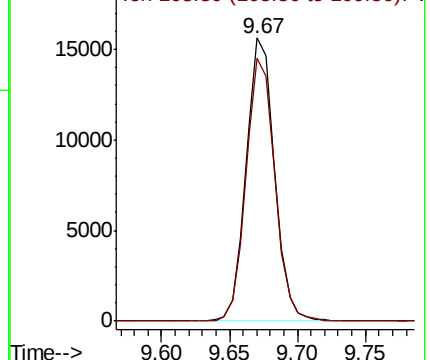
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.702 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

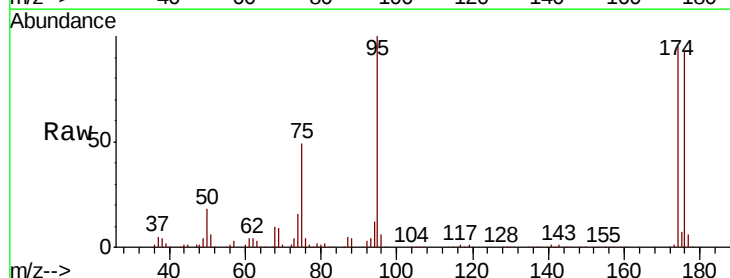
Tgt Ion: 95 Resp: 69674

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

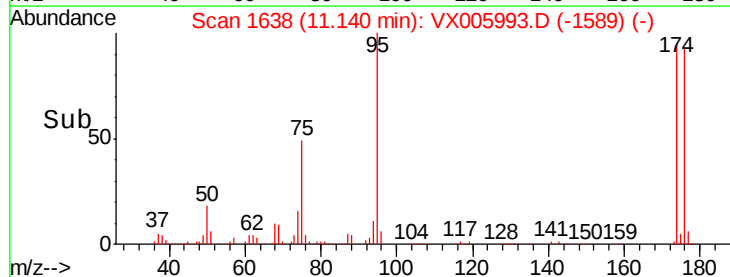
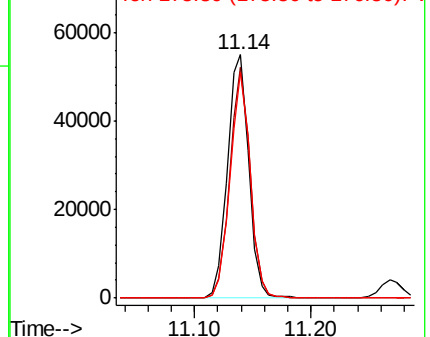
176 88.2 0.0 177.4



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

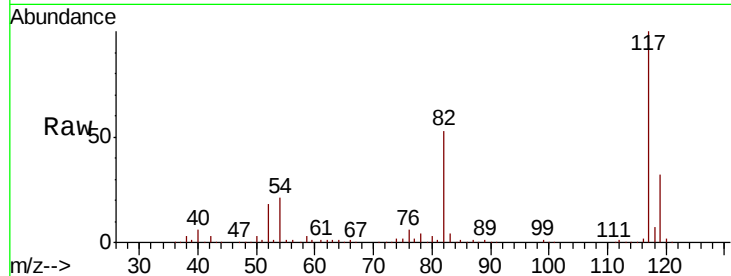




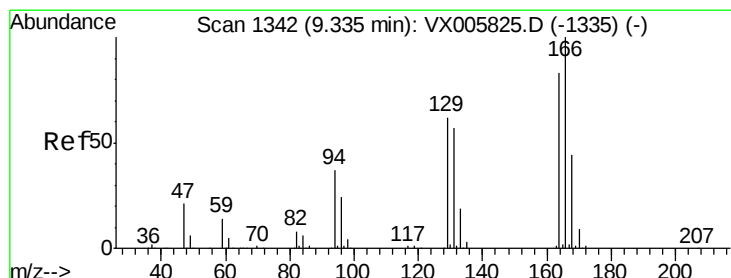
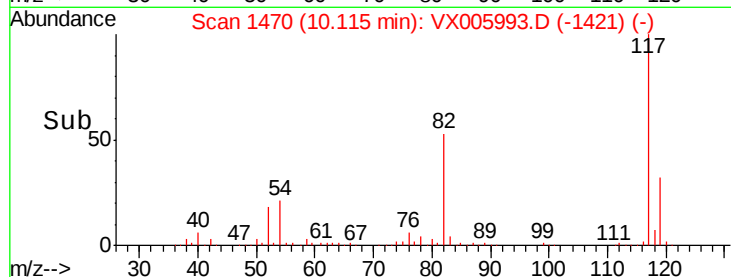
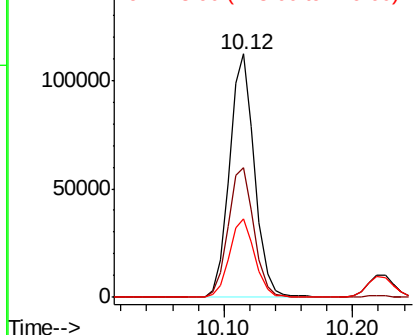
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Instrument :
MSVOA_X
ClientSampled :
VX1114WBS02

Tot Ion:117 Resp: 152274
Ion Ratio Lower Upper
117 100
82 53.5 44.1 66.1
119 32.2 26.2 39.2

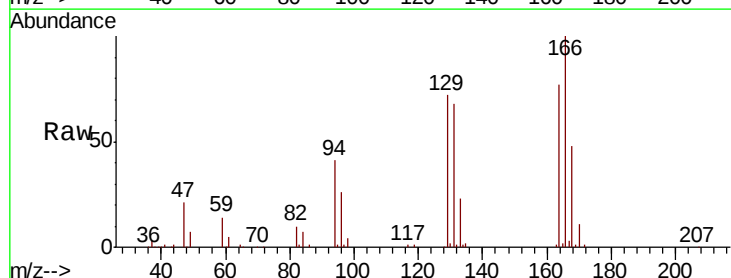


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

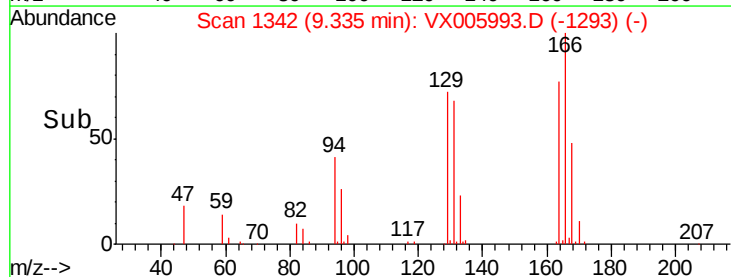
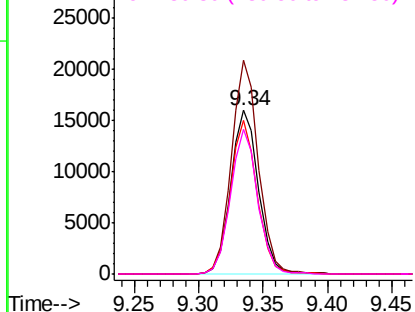


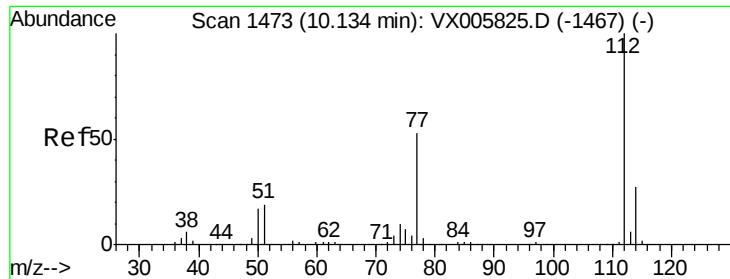
#64
Tetrachloroethene
Concen: 18.466 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion:164 Resp: 23940
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 94.0 72.6 109.0
131 88.7 71.1 106.7



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

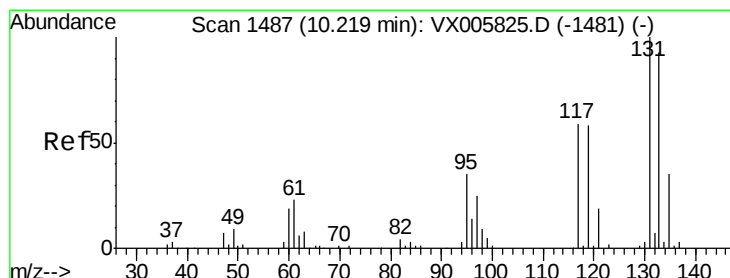
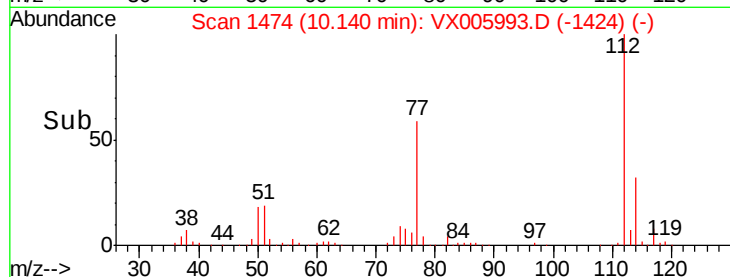
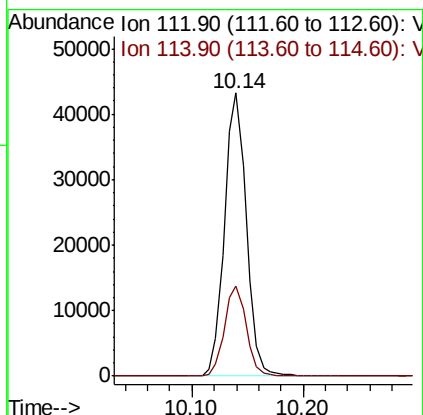
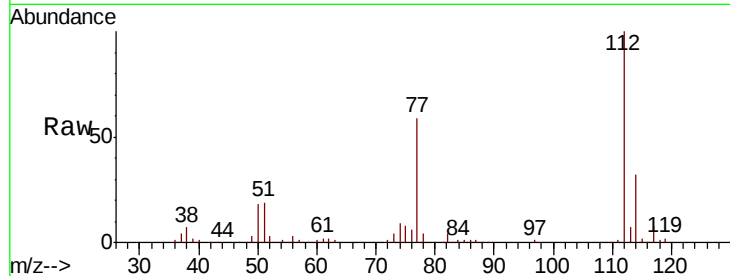




#65
Chlorobenzene
Concen: 19.257 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

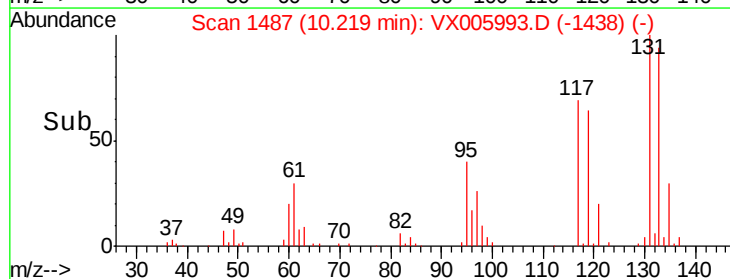
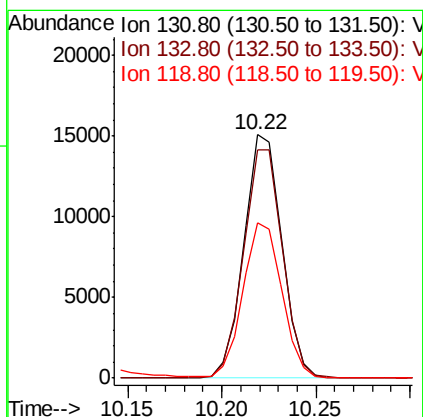
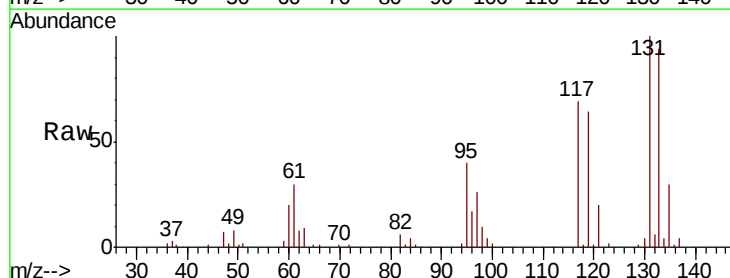
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

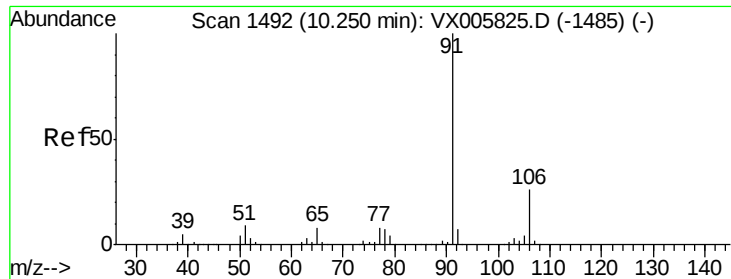
Tot Ion:112 Resp: 58745
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.851 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion:131 Resp: 21053
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 65.4 31.8 95.3

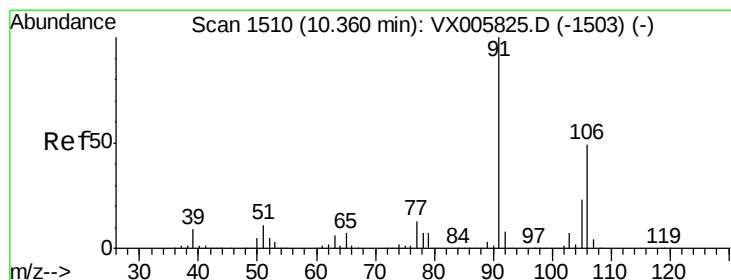
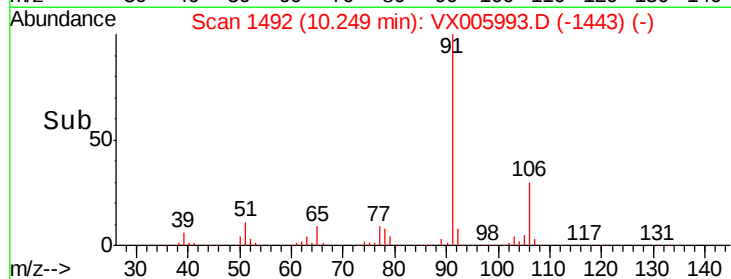
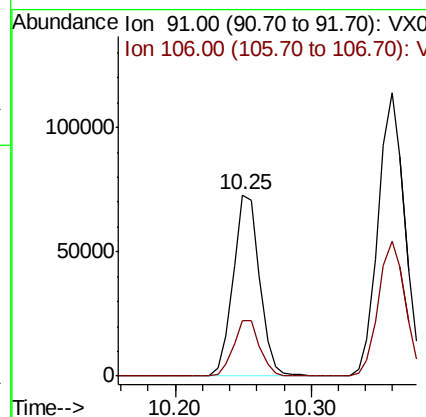
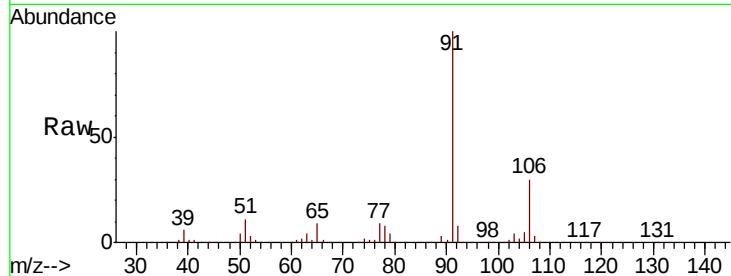




#67
Ethyl Benzene
Concen: 20.175 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

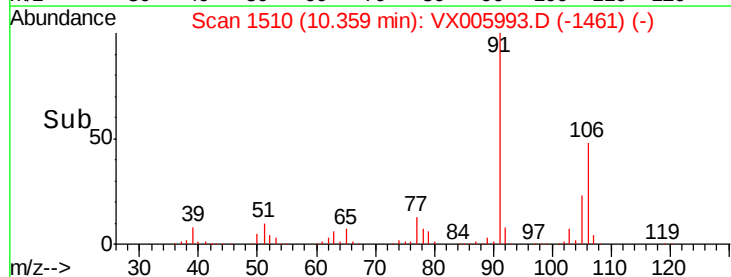
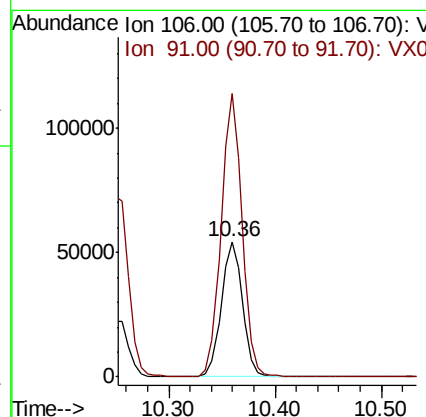
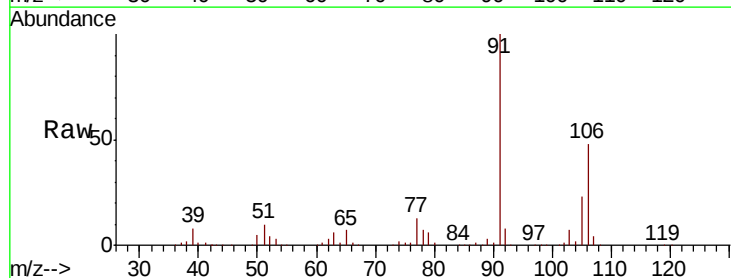
Instrument :
MSVOA_X
ClientSampled :
VX1114WBS02

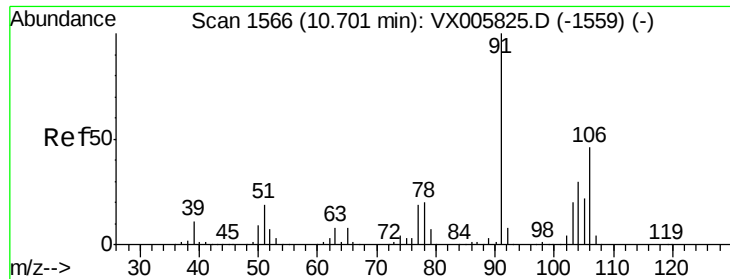
Tot Ion: 91 Resp: 98690
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 40.273 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 106 Resp: 75144
Ion Ratio Lower Upper
106 100
91 206.5 164.2 246.4

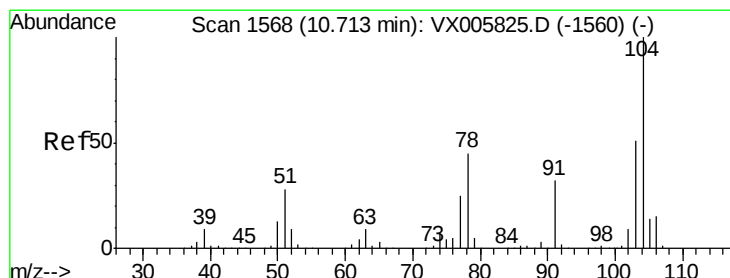
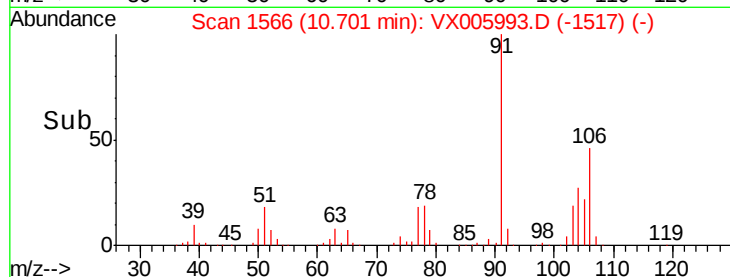
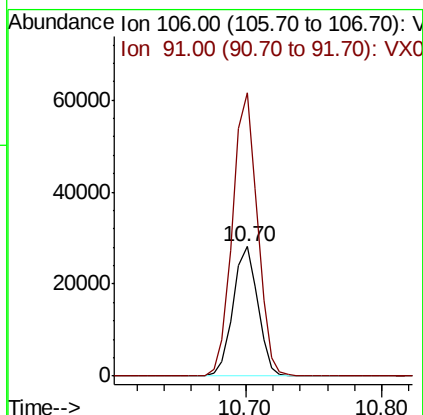
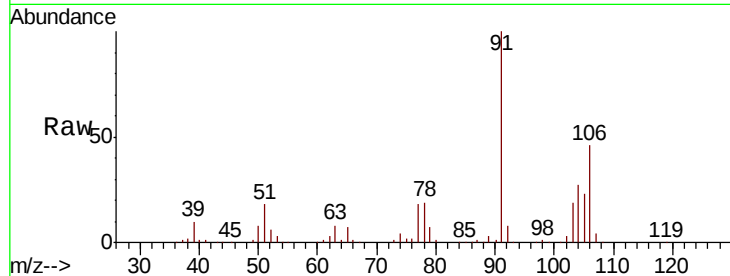




#69
o-Xylene
Concen: 21.432 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

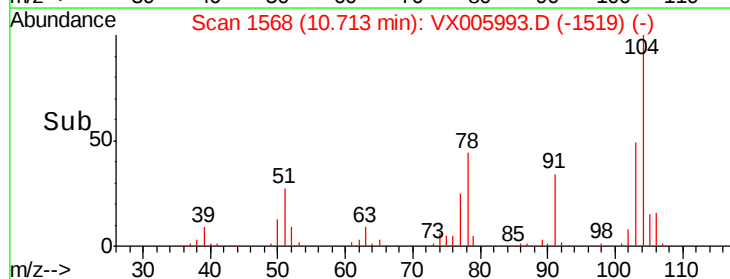
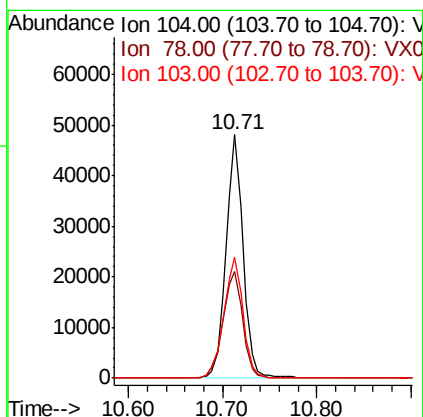
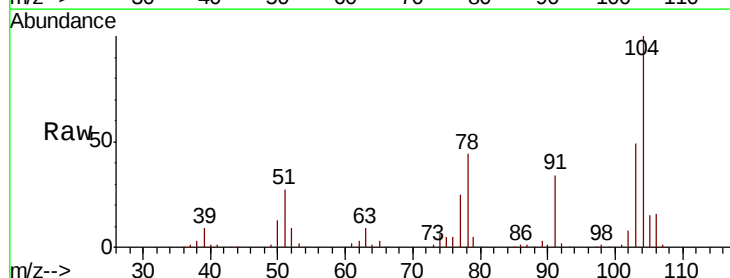
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

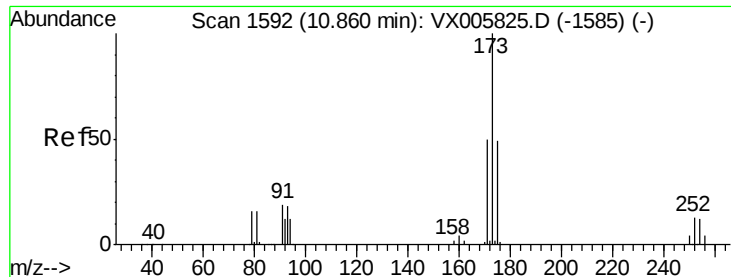
Tot Ion:106 Resp: 35858
Ion Ratio Lower Upper
106 100
91 220.3 108.5 325.5



#70
Styrene
Concen: 21.930 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion:104 Resp: 60527
Ion Ratio Lower Upper
104 100
78 50.8 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 20.321 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

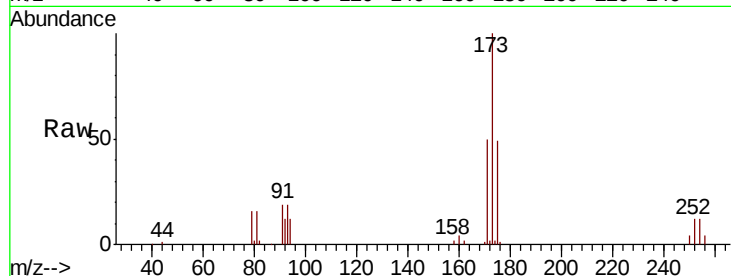
Tot Ion:173 Resp: 18066

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.3

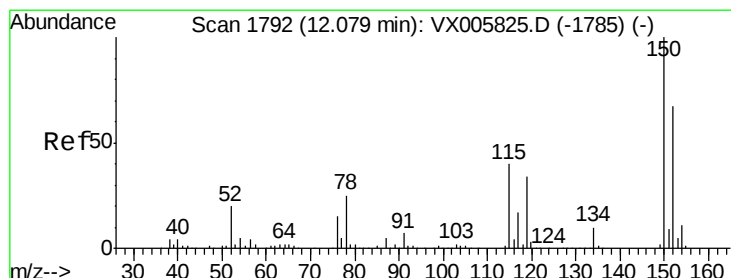
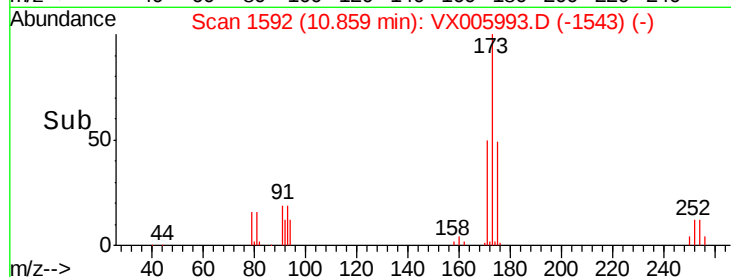
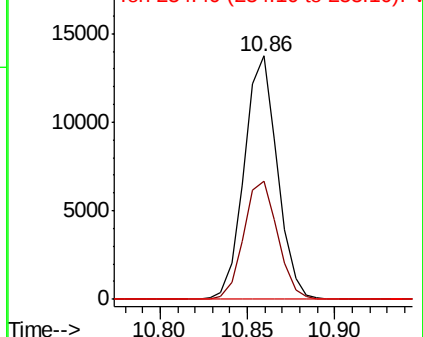
254 0.0 0.2 0.2#



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: VX005993.D

Acq: 15 Nov 2018 00:34

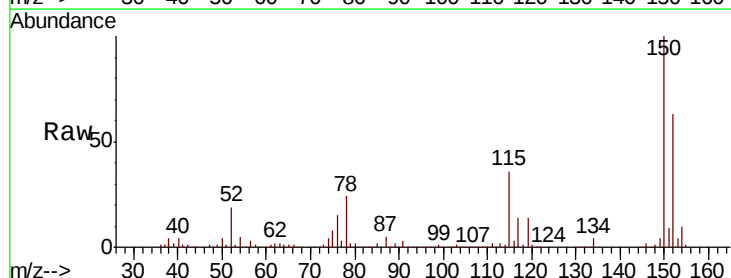
Tgt Ion:152 Resp: 82549

Ion Ratio Lower Upper

152 100

115 63.3 39.4 118.1

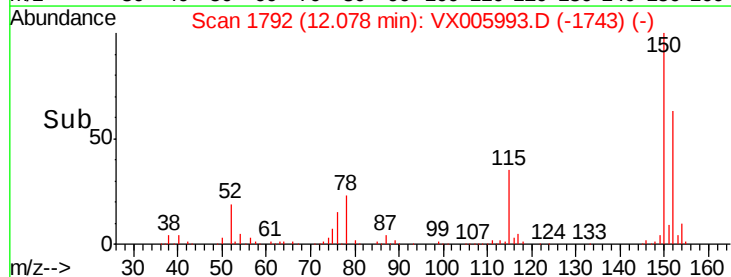
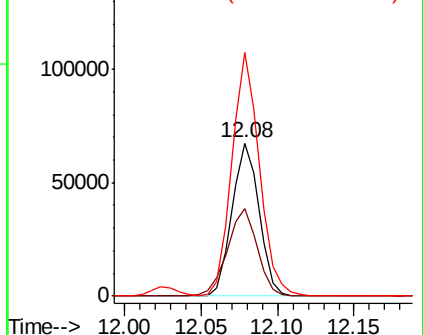
150 161.8 0.0 346.4

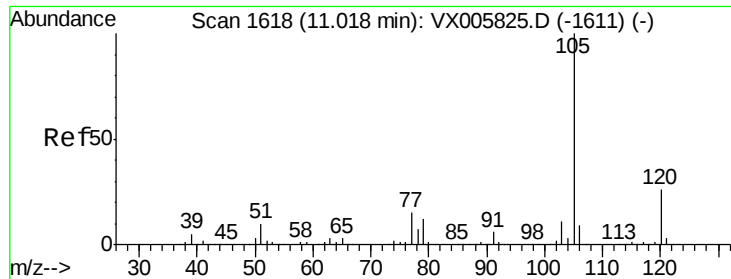


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.182 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

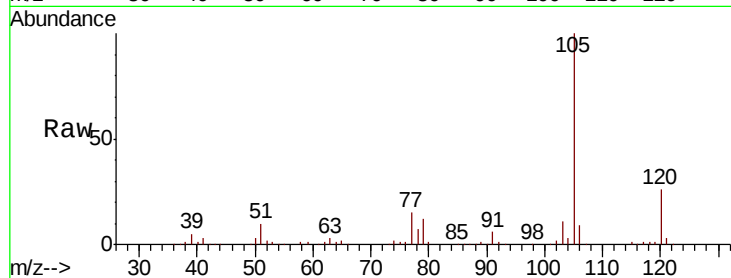
VX1114WBS02

Tot Ion:105 Resp: 101117

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

60000

40000

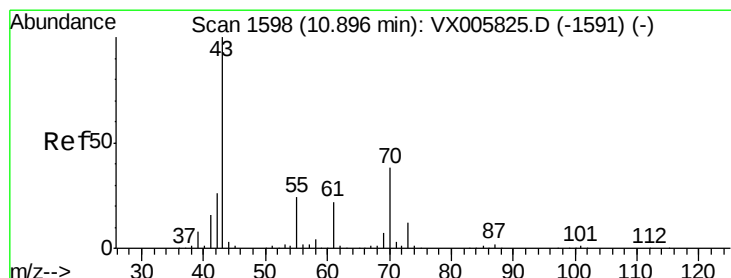
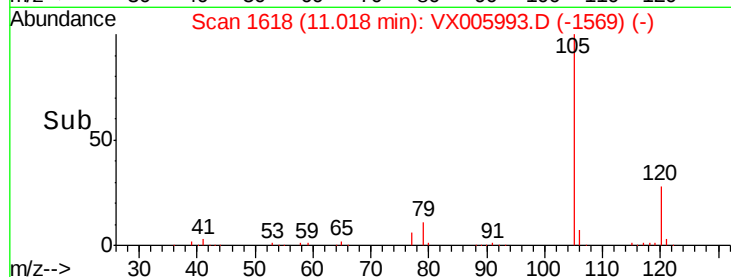
20000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.998 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Tgt Ion: 43 Resp: 48755

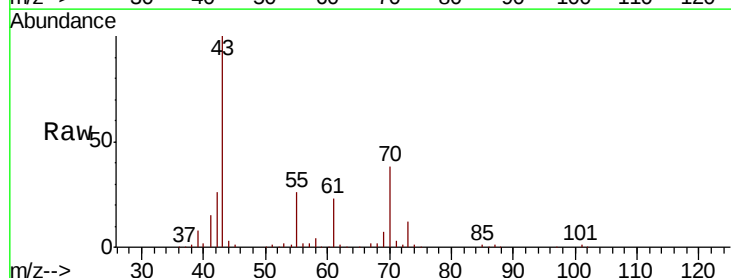
Ion Ratio Lower Upper

43 100

70 39.1 31.6 47.4

55 25.5 19.7 29.5

61 22.7 18.3 27.5



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

60000

50000

40000

30000

20000

10000

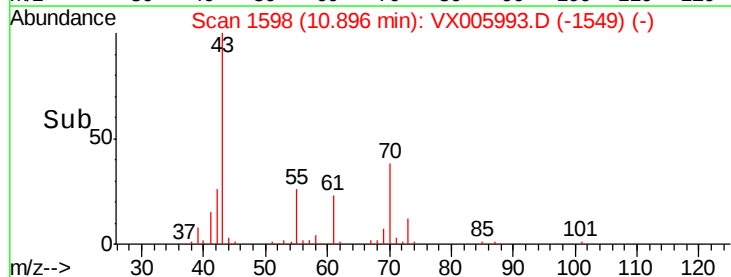
0

10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.157 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

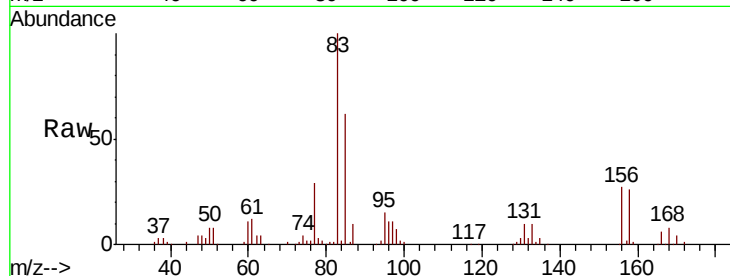
Tot Ion: 83 Resp: 35319

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

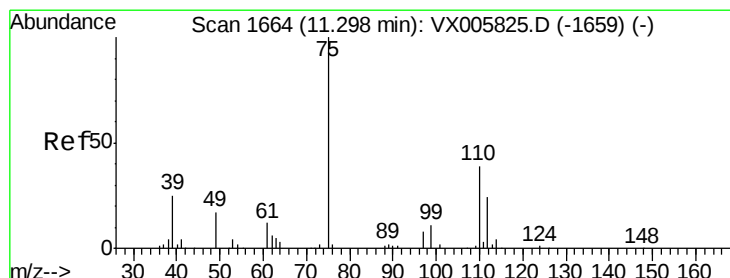
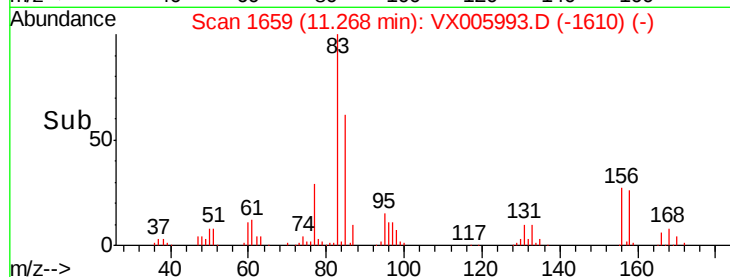
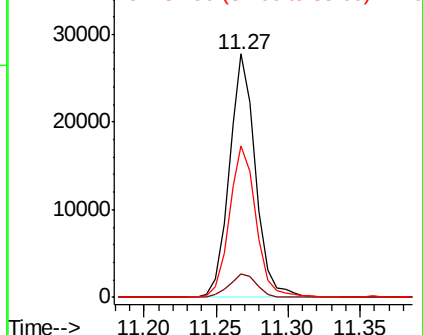
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005825.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005825.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005825.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 24.897 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005993.D

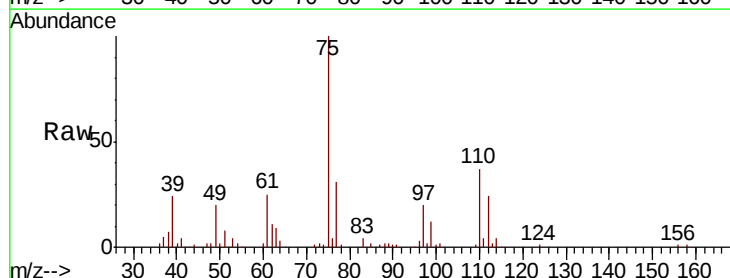
Acq: 15 Nov 2018 00:34

Tgt Ion: 75 Resp: 41849

Ion Ratio Lower Upper

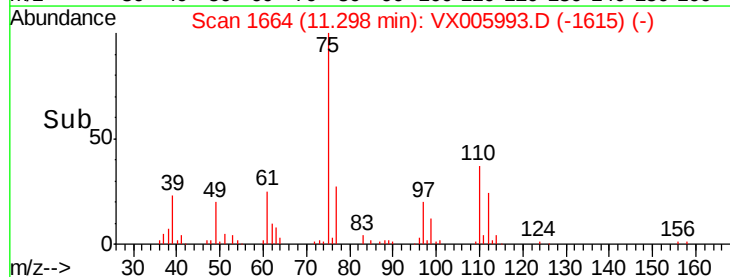
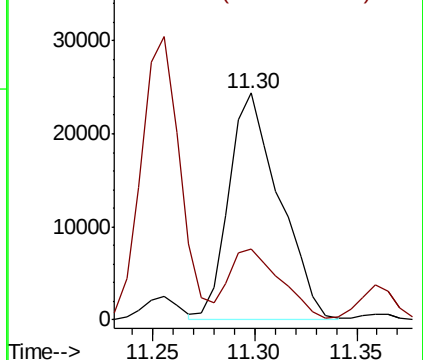
75 100

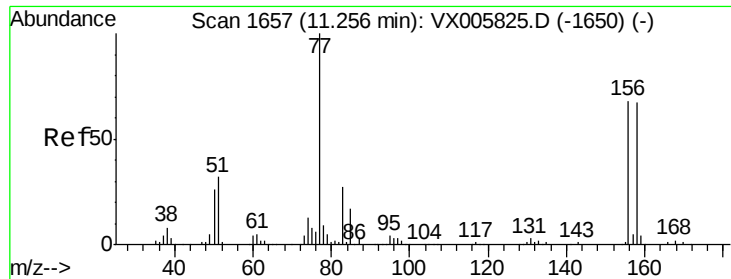
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)





#77

Bromobenzene

Concen: 19.804 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

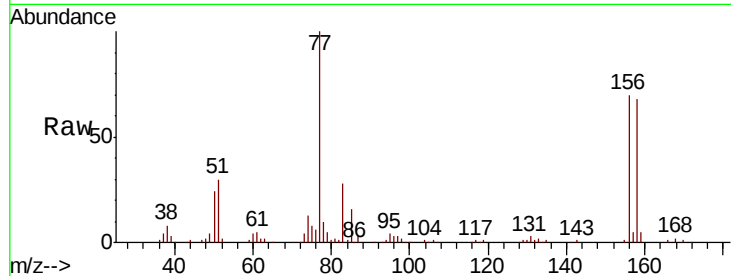
Tot Ion:156 Resp: 26647

Ion Ratio Lower Upper

156 100

77 151.1 74.8 224.4

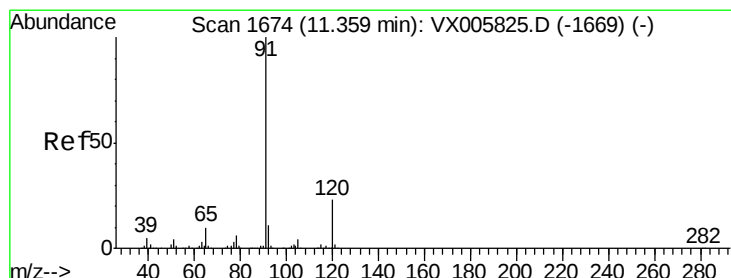
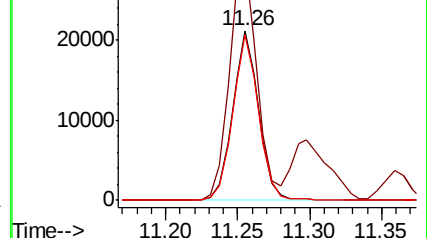
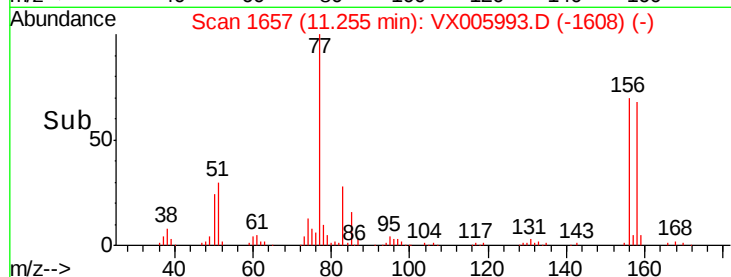
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.113 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005993.D

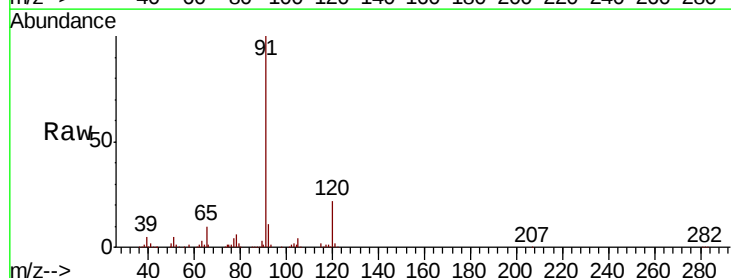
Acq: 15 Nov 2018 00:34

Tgt Ion: 91 Resp: 113155

Ion Ratio Lower Upper

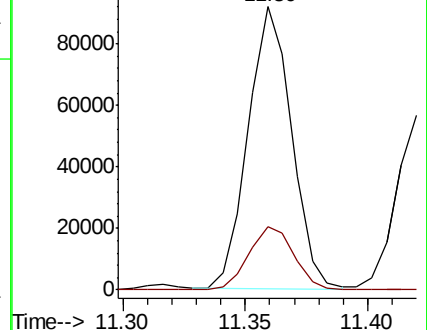
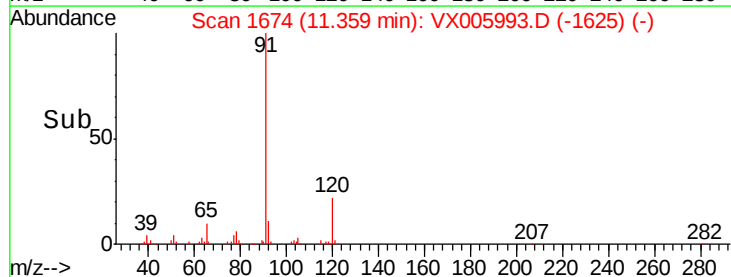
91 100

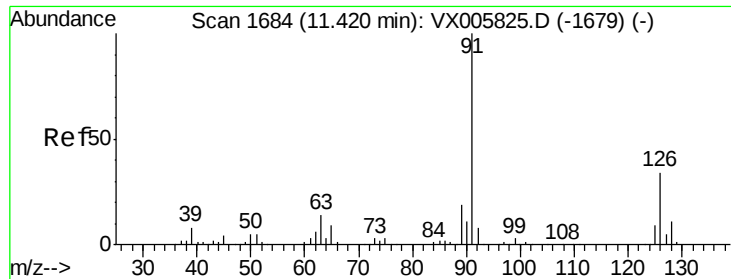
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

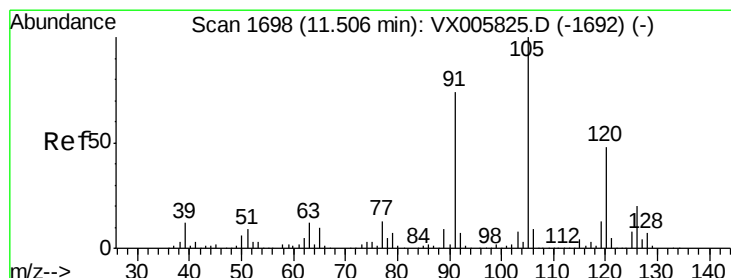
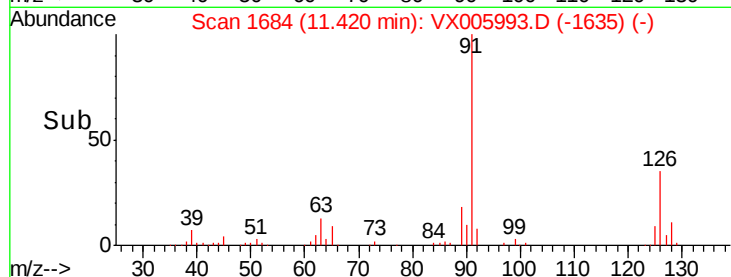
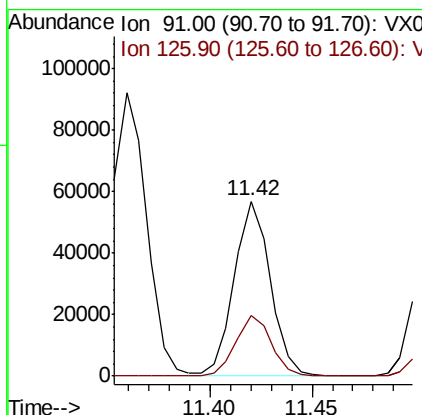
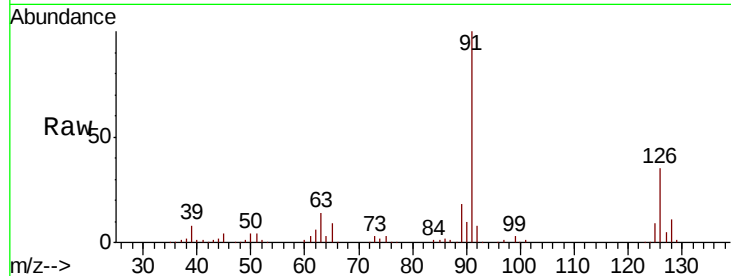




#79
 2-Chlorotoluene
 Concen: 20.315 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

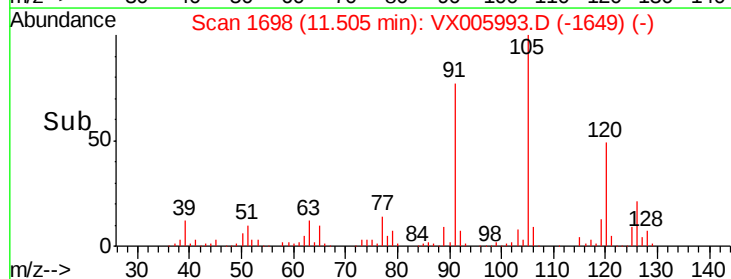
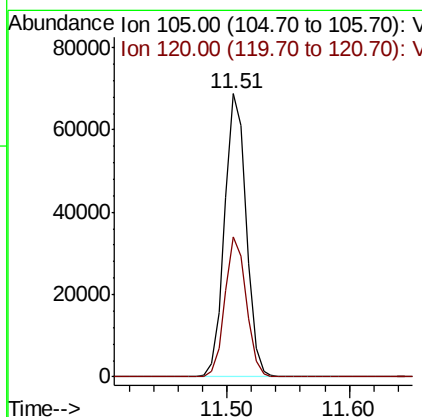
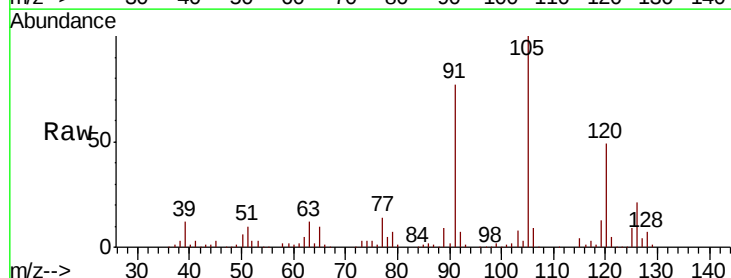
Instrument :
 MSVOA_X
 ClientSampled :
 VX1114WBS02

Tot Ion: 91 Resp: 69082
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.663 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 105 Resp: 83823
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.614 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

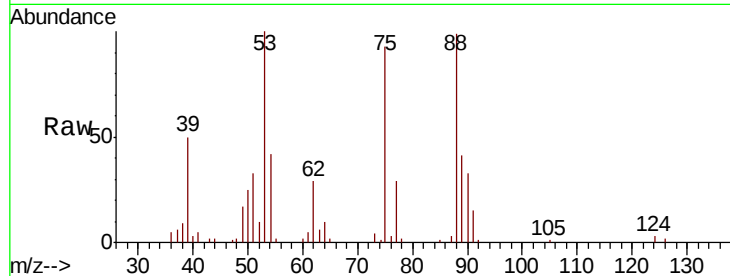
Tot Ion: 75 Resp: 9817

Ion Ratio Lower Upper

75 100

53 101.5 80.2 120.2

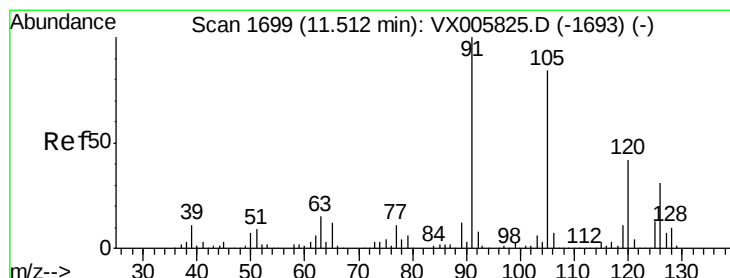
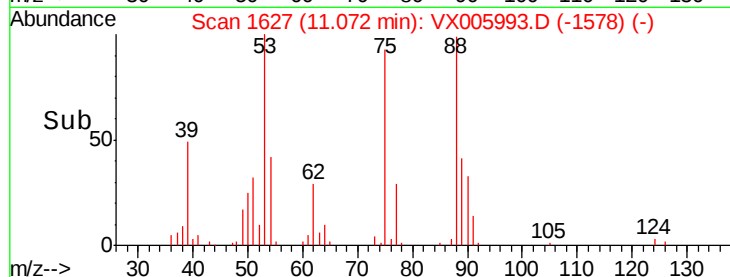
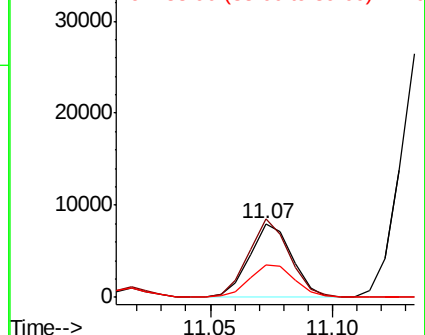
89 45.6 39.8 59.8



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: 20.263 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005993.D

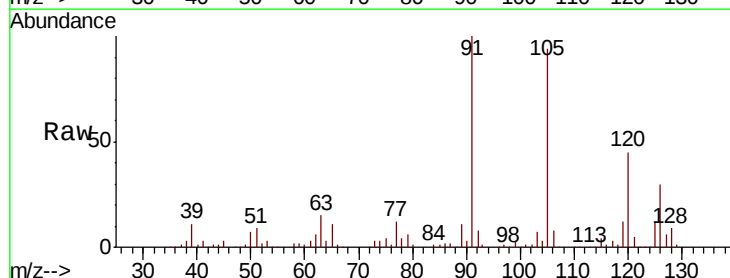
Acq: 15 Nov 2018 00:34

Tgt Ion: 91 Resp: 81209

Ion Ratio Lower Upper

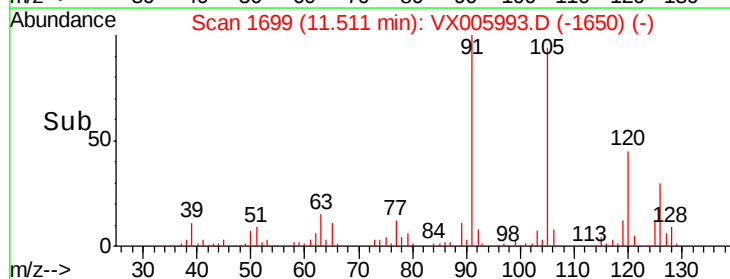
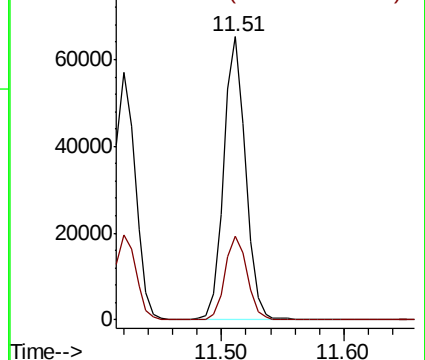
91 100

126 30.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

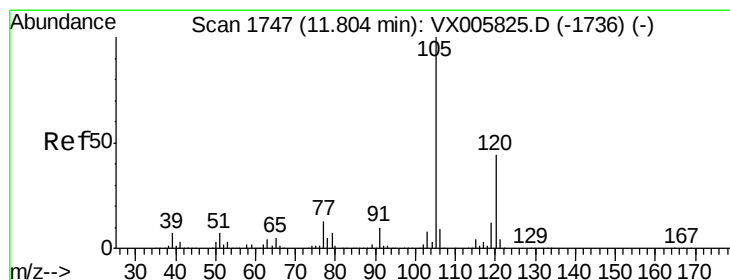
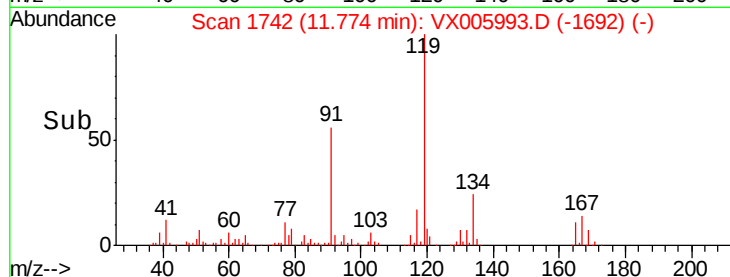
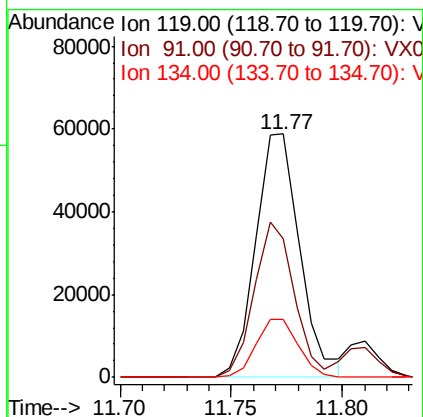
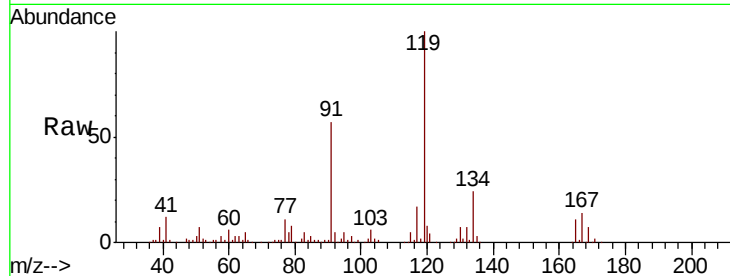




#83
tert-Butylbenzene
Concen: 19.833 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

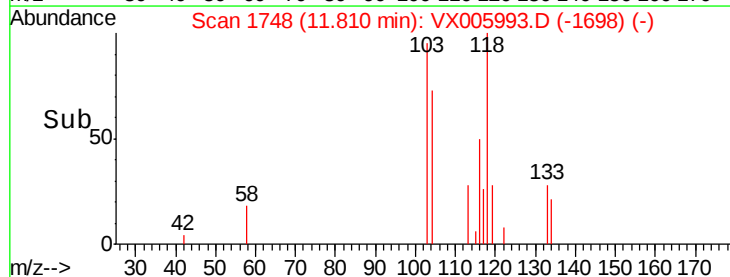
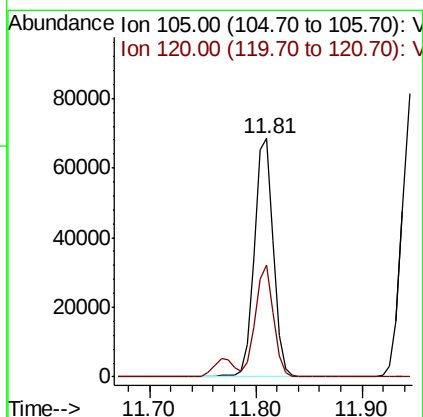
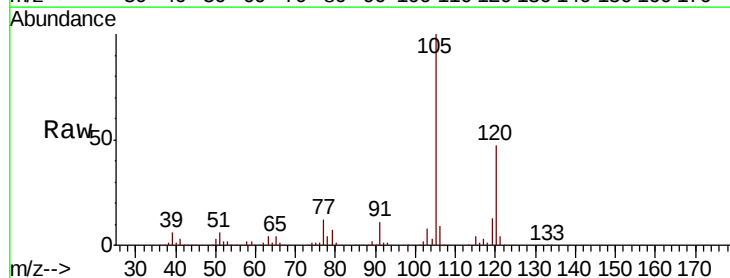
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBS02

Tot Ion:119 Resp: 81393
Ion Ratio Lower Upper
119 100
91 58.0 28.5 85.5
134 22.9 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 19.124 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion:105 Resp: 85949
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.786 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

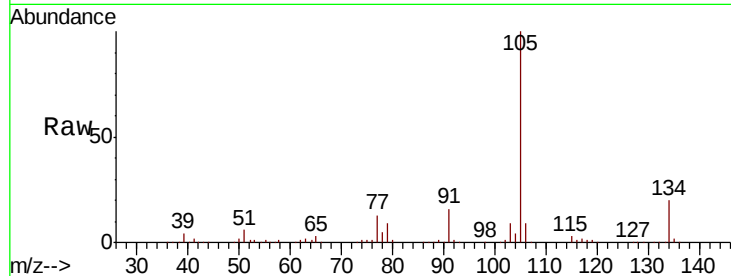
VX1114WBS02

Tot Ion:105 Resp: 99296

Ion Ratio Lower Upper

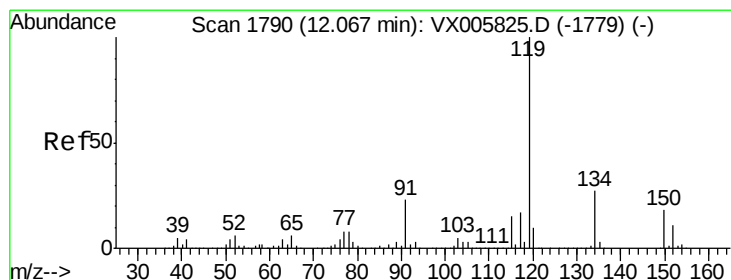
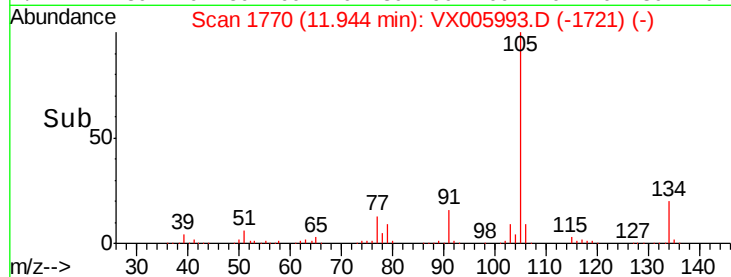
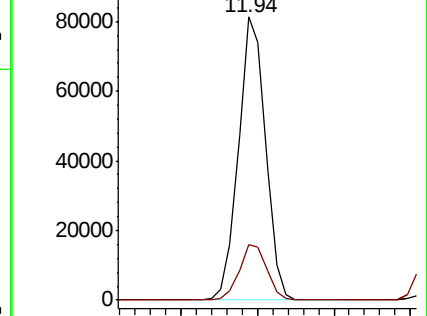
105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.721 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

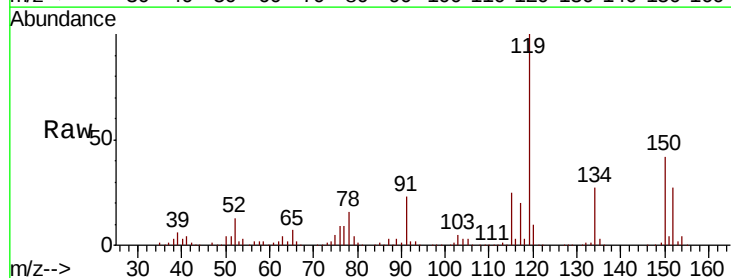
Tgt Ion:119 Resp: 87669

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

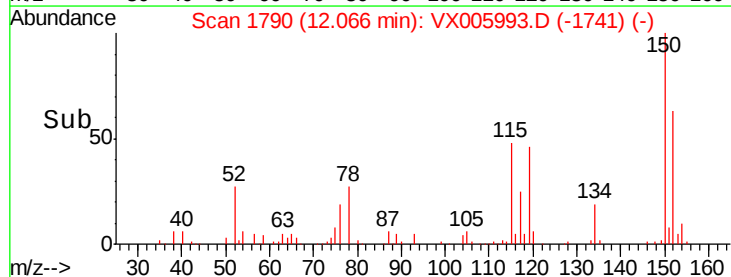
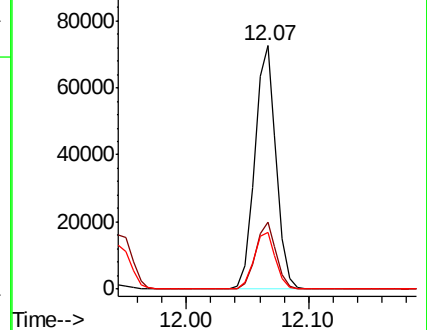
91 23.7 11.4 34.2

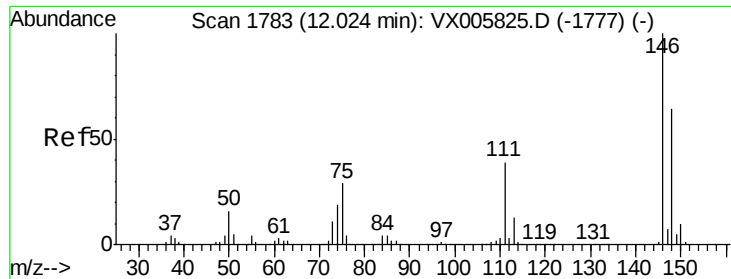


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

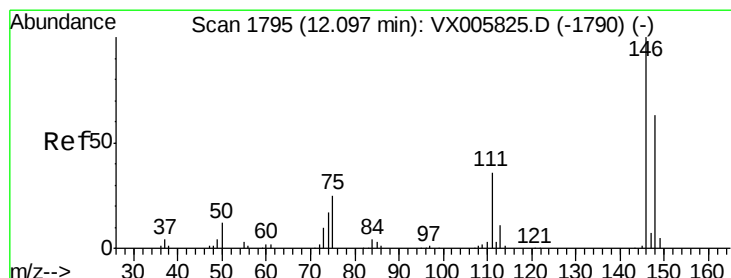
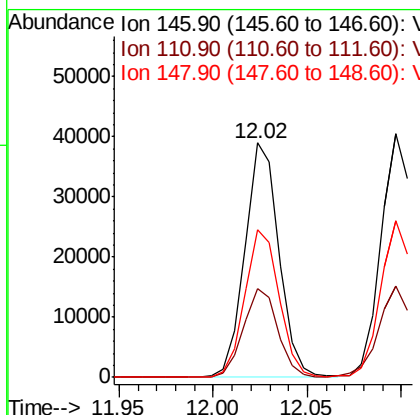
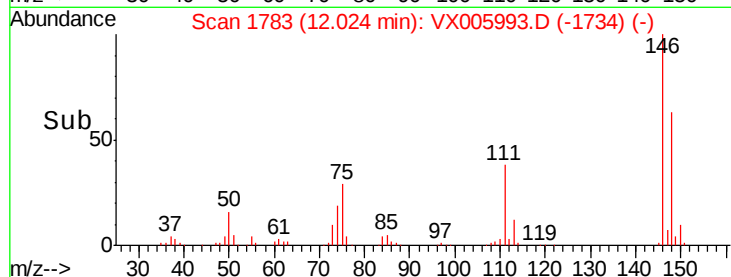
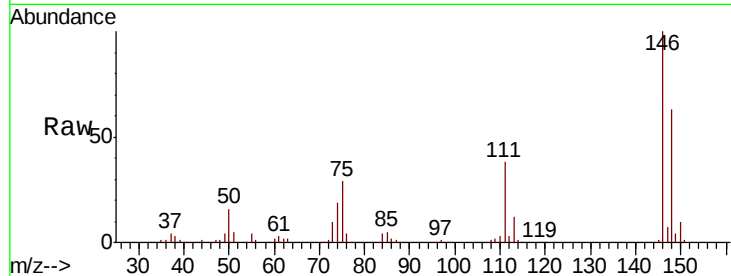




#87
 1,3-Dichlorobenzene
 Concen: 18.935 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

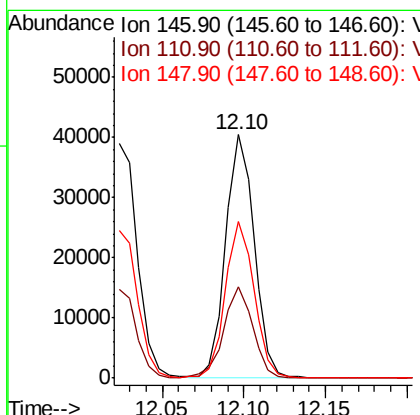
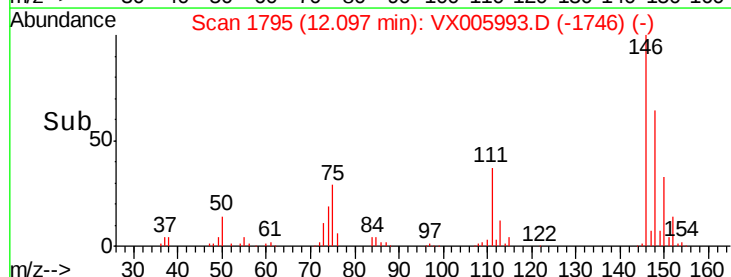
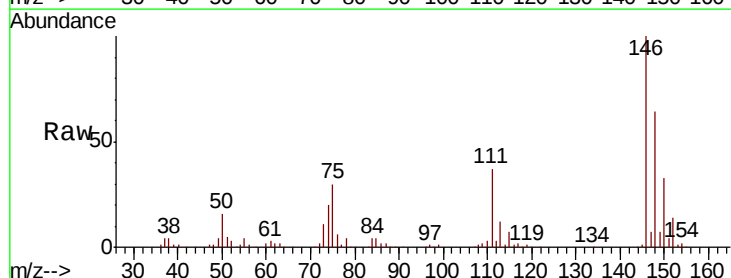
Instrument :
 MSVOA_X
 ClientSampled :
 VX1114WBS02

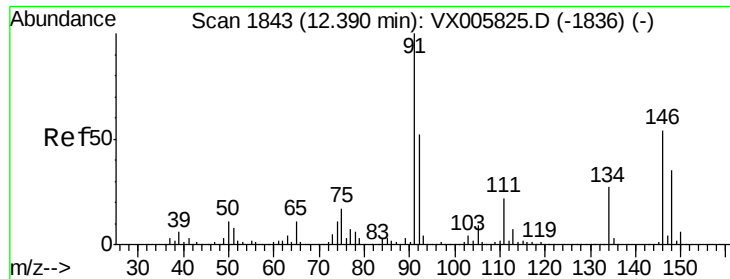
Tot Ion:146 Resp: 48895
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.782 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion:146 Resp: 49648
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.6 55.8
 148 64.4 32.1 96.3

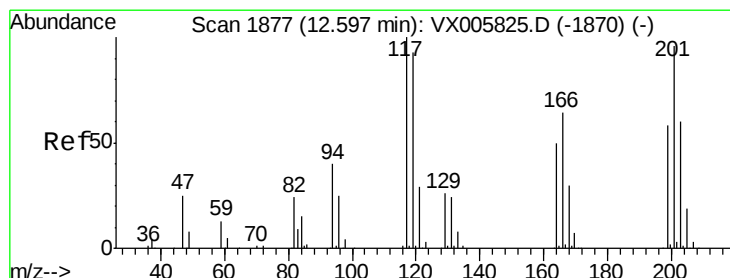
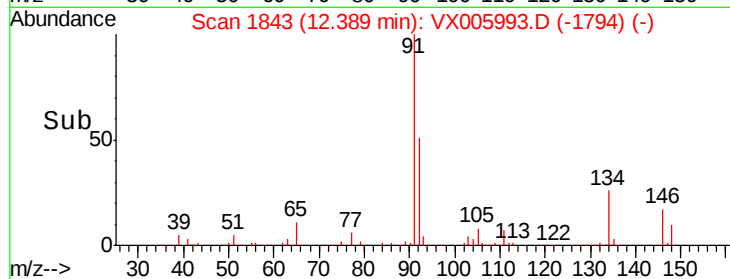
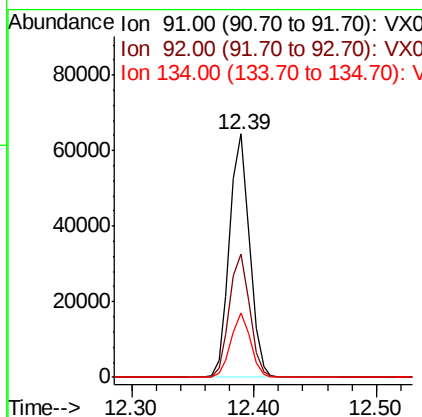
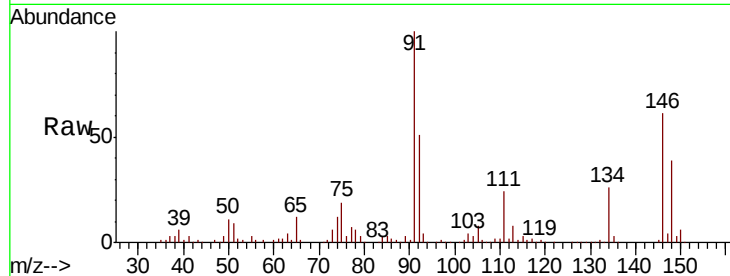




#89
n-Butylbenzene
Concen: 17.772 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

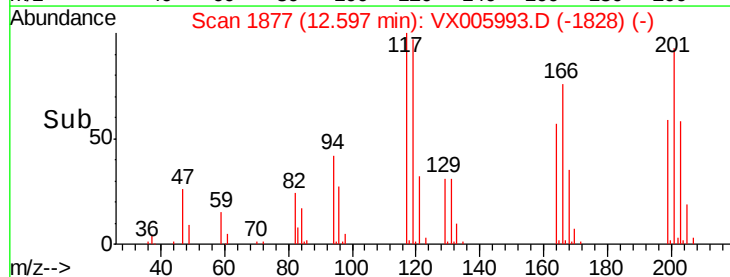
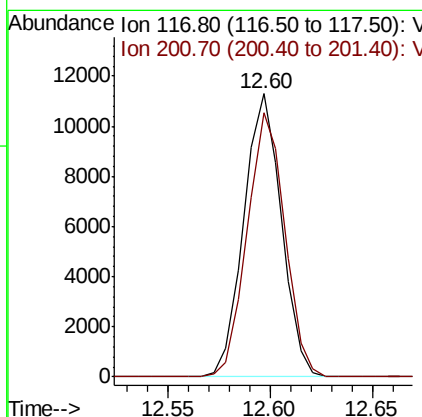
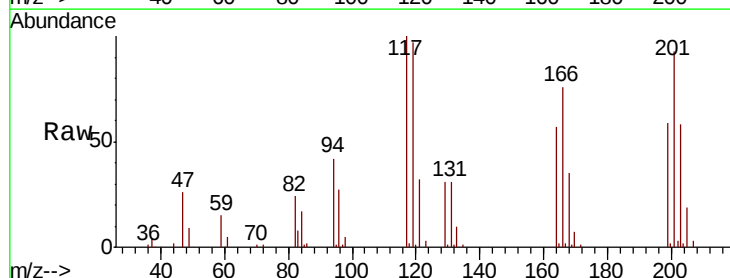
Instrument :
MSVOA_X
ClientSampled :
VX1114WBS02

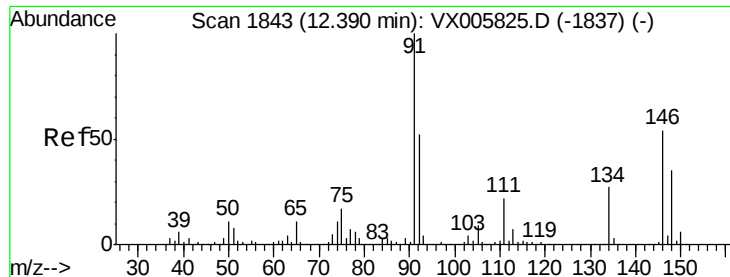
Tot Ion: 91 Resp: 73220
Ion Ratio Lower Upper
91 100
92 51.0 26.1 78.2
134 25.7 13.1 39.3



#90
Hexachloroethane
Concen: 19.506 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005993.D
Acq: 15 Nov 2018 00:34

Tgt Ion: 117 Resp: 14477
Ion Ratio Lower Upper
117 100
201 93.4 47.9 143.6

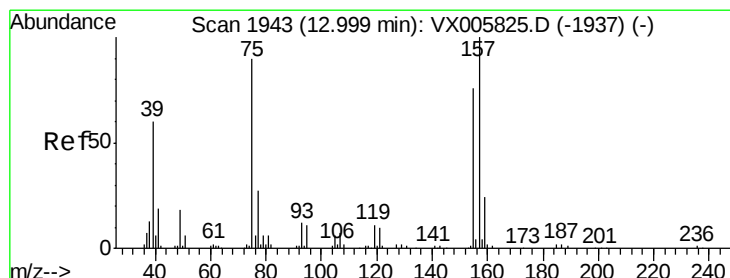
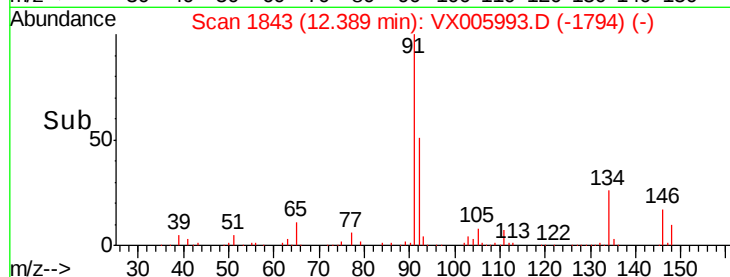
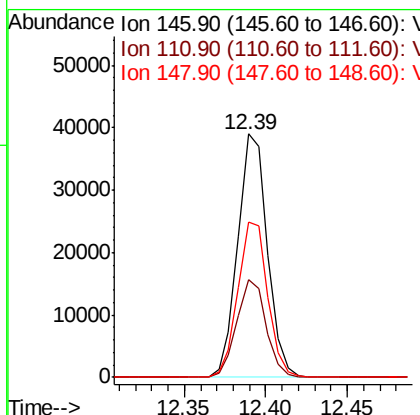
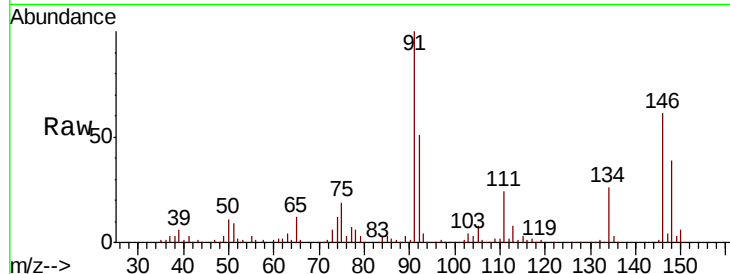




#91
 1,2-Dichlorobenzene
 Concen: 19.096 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

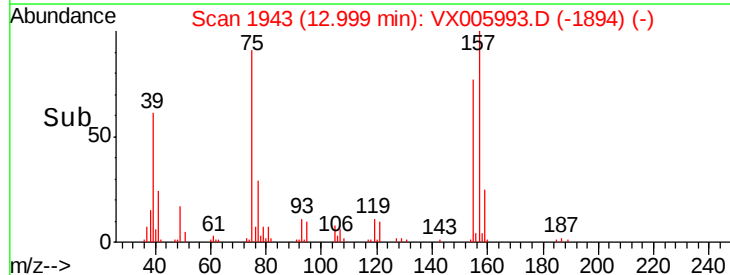
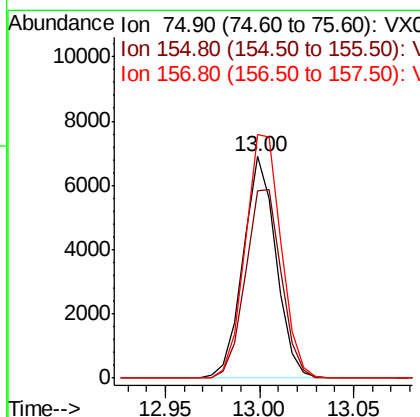
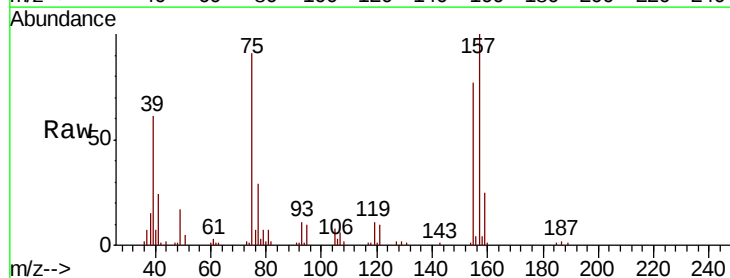
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

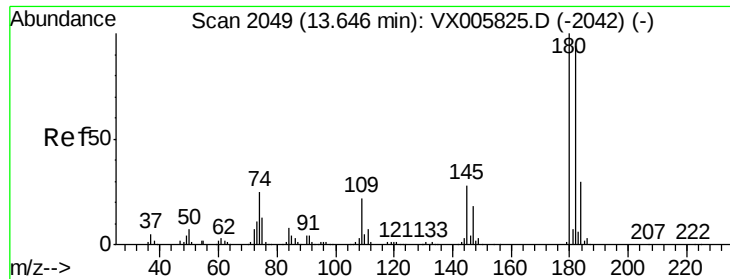
Tot Ion:146 Resp: 49399
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.526 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion: 75 Resp: 8349
 Ion Ratio Lower Upper
 75 100
 155 92.5 45.4 136.1
 157 119.5 57.4 172.0

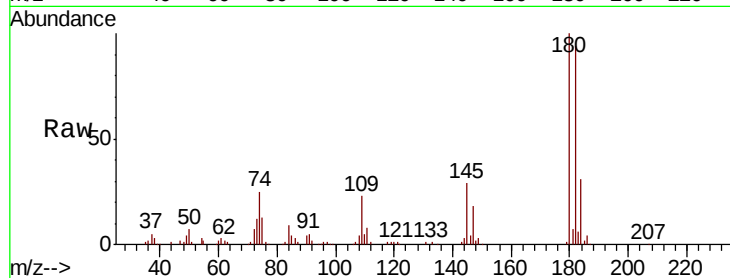




#93
 1,2,4-Trichlorobenzene
 Concen: 18.726 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	28.4	14.1	42.2

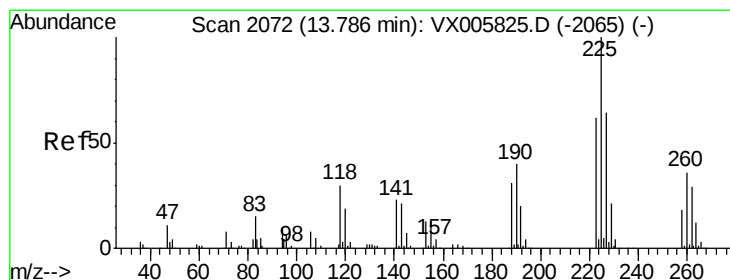
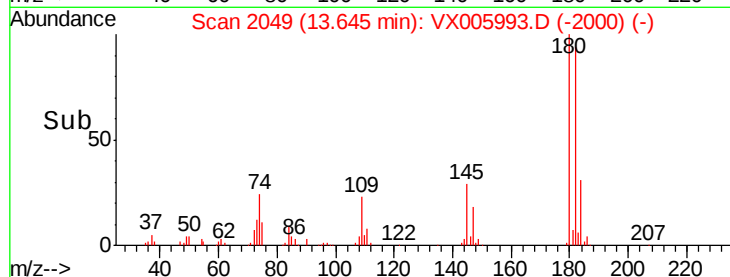
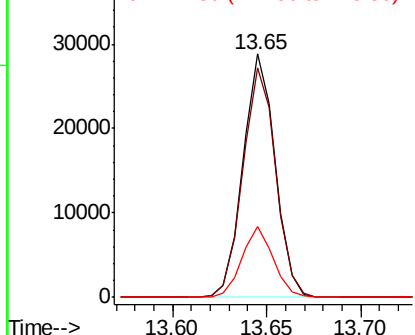


Abundance

Ion 179.80 (179.50 to 180.50): V

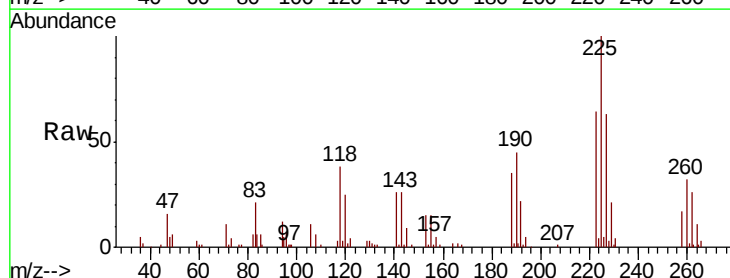
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.068 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005993.D
 Acq: 15 Nov 2018 00:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.7	95.1
227	63.6	32.3	96.9

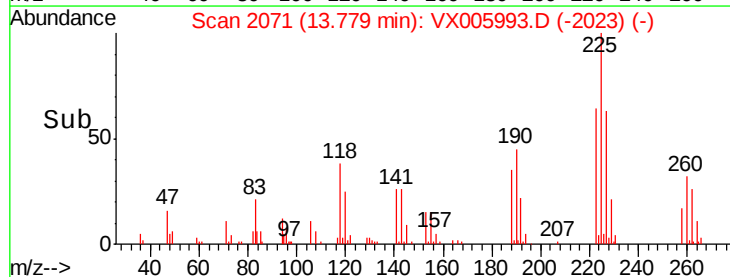
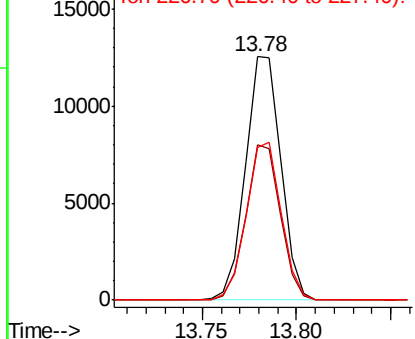


Abundance

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: 18.646 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBS02

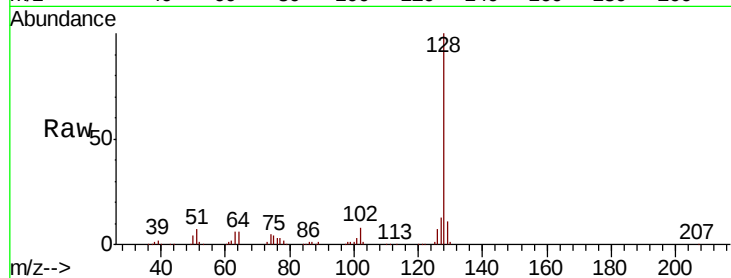
Tot Ion:128 Resp: 106244

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

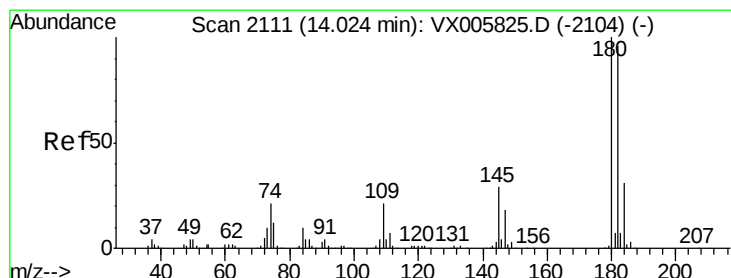
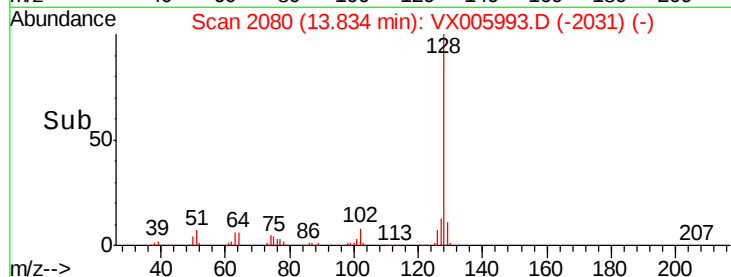
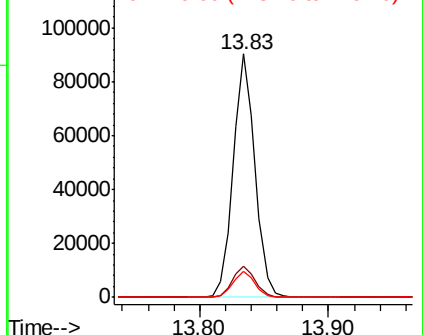
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.146 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

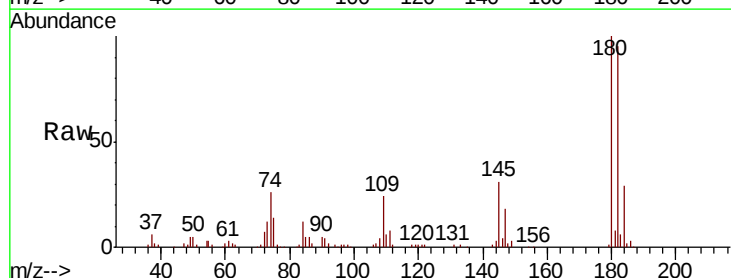
Tgt Ion:180 Resp: 35520

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.2

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

