

Data File : VX003394.D
Acq On : 16 Jul 2018 12:42
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jul 17 01:33:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276551	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	564191	141.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.04%	
35) Dibromofluoromethane	5.51	113	498092	139.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.12%	
50) Toluene-d8	8.72	98	1926805	146.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.58%	
62) 4-Bromofluorobenzene	11.14	95	741715	157.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.46%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	552141	160.118	ug/l	99
3) Chloromethane	1.32	50	542826	145.450	ug/l	98
4) Vinyl Chloride	1.40	62	615774	151.408	ug/l	99
5) Bromomethane	1.63	94	247955	192.875	ug/l	99
6) Chloroethane	1.70	64	251323	114.663	ug/l	99
7) Trichlorofluoromethane	1.91	101	772798	143.242	ug/l	98
8) Diethyl Ether	2.19	74	351262	152.171	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	510036	149.671	ug/l	97
10) Methyl Iodide	2.50	142	689621	189.165	ug/l	93
11) Tert butyl alcohol	3.11	59	736414	818.450	ug/l	99
12) 1,1-Dichloroethene	2.36	96	490264	152.238	ug/l	91
13) Acrolein	2.30	56	332053	769.332	ug/l	99
14) Allyl chloride	2.72	41	847500	145.078	ug/l #	86
15) Acrylonitrile	3.16	53	1603467	777.847	ug/l	98
16) Acetone	2.46	43	1275794	766.645	ug/l #	88
17) Carbon Disulfide	2.56	76	1360734	153.997	ug/l	99
18) Methyl Acetate	2.78	43	894286	164.992	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	1634062	152.814	ug/l	99
20) Methylene Chloride	2.85	84	546426	151.745	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	516453	148.480	ug/l	93
22) Diisopropyl ether	3.89	45	1675035	147.828	ug/l	93
23) Vinyl Acetate	3.84	43	7000113	749.069	ug/l	95
24) 1,1-Dichloroethane	3.70	63	964735	150.078	ug/l	99
25) 2-Butanone	4.73	43	2053498	788.483	ug/l	92
26) 2,2-Dichloropropane	4.58	77	637051	141.188	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	570448	152.432	ug/l	85
28) Bromochloromethane	5.03	49	382842	137.179	ug/l	89
29) Tetrahydrofuran	5.18	42	1298906	786.423	ug/l	92
30) Chloroform	5.22	83	884260	149.279	ug/l	99
31) Cyclohexane	5.57	56	769882	155.085	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	778830	154.592	ug/l	98
36) 1,1-Dichloropropene	5.80	75	665130	148.905	ug/l	99
37) Ethyl Acetate	4.89	43	753255	149.649	ug/l	95
38) Carbon Tetrachloride	5.78	117	694345	152.755	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	794118	155.309	ug/l	94
40) Benzene	6.15	78	2022413	148.811	ug/l	99
41) Methacrylonitrile	5.08	41	430018	155.354	ug/l	93
42) 1,2-Dichloroethane	6.21	62	687170	147.438	ug/l	96
43) Isopropyl Acetate	6.48	43	1211200	159.433	ug/l	94
44) Trichloroethene	7.22	130	584099	148.361	ug/l	99
45) 1,2-Dichloropropane	7.52	63	526749	148.998	ug/l	99
46) Dibromomethane	7.67	93	349274	148.374	ug/l	97
47) Bromodichloromethane	7.91	83	693941	160.979	ug/l	98
48) Methyl methacrylate	7.79	41	641676	165.562	ug/l	87
49) 1,4-Dioxane	7.77	88	281964	3177.438	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	4084213	816.703	ug/l	91
52) Toluene	8.79	92	1307099	153.610	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	840532	165.136	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	795076	171.158	ug/l #	90
55) 1,1,2-Trichloroethane	9.23	97	551236	155.053	ug/l	98
56) Ethyl methacrylate	9.19	69	865402	171.920	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	891293	156.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2073842	821.599	ug/l	98
59) 2-Hexanone	9.51	43	3217327	837.356	ug/l	88
60) Dibromochloromethane	9.59	129	608771	172.339	ug/l	100
61) 1,2-Dibromoethane	9.68	107	584883	159.605	ug/l	100
64) Tetrachloroethene	9.34	164	649718	140.016	ug/l	98
65) Chlorobenzene	10.15	112	1543260	147.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	576569	154.805	ug/l	99
67) Ethyl Benzene	10.26	91	2603324	152.019	ug/l	100
68) m/p-Xylenes	10.37	106	2065158	311.755	ug/l	94
69) o-Xylene	10.70	106	1002564	157.570	ug/l	96
70) Styrene	10.72	104	1664960	159.003	ug/l	97
71) Bromoform	10.87	173	510845	170.506	ug/l	100
73) Isopropylbenzene	11.02	105	2623469	148.157	ug/l	99
74) N-amyl acetate	6.48	43	1211200	142.230	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	855976	146.442	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1024596	204.652	ug/l	81
77) Bromobenzene	11.26	156	732719	145.692	ug/l	98
78) n-propylbenzene	11.37	91	3003405	151.820	ug/l	99
79) 2-Chlorotoluene	11.43	91	1792691	147.811	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2245111	155.210	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	266608	173.001	ug/l	86
82) 4-Chlorotoluene	11.52	91	2132755	150.717	ug/l	98
83) tert-Butylbenzene	11.77	119	2226232	157.473	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2308849	155.378	ug/l	98
85) sec-Butylbenzene	11.95	105	2676129	156.043	ug/l	99
86) p-Isopropyltoluene	12.07	119	2411944	157.995	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	1353823	147.075	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1362271	145.743	ug/l	99
89) n-Butylbenzene	12.39	91	2091626	160.841	ug/l	98
90) Hexachloroethane	12.60	117	392660	169.755	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1360144	147.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	199630	164.174	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1003334	158.603	ug/l	100
94) Hexachlorobutadiene	13.79	225	460491	151.222	ug/l	99
95) Naphthalene	13.84	128	2989219	164.857	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1001222	153.869	ug/l	99

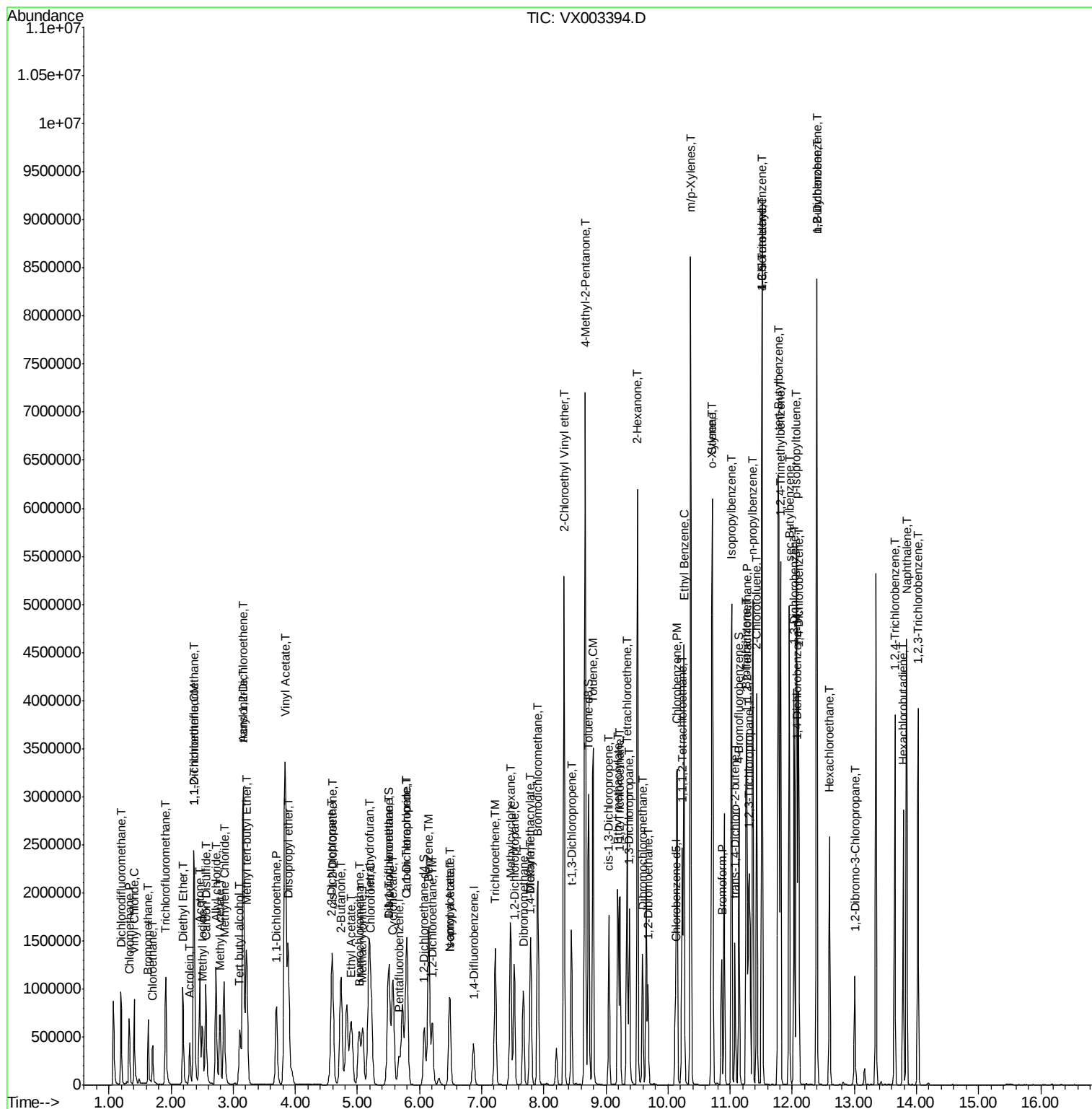
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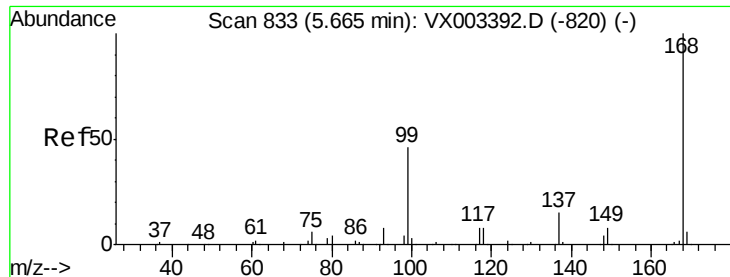
Data File : VX003394.D

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Acq On       : 16 Jul 2018   12:42
Operator     : JC/MD
Sample       : VSTDICC150
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jul 17 01:33:03 2018
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

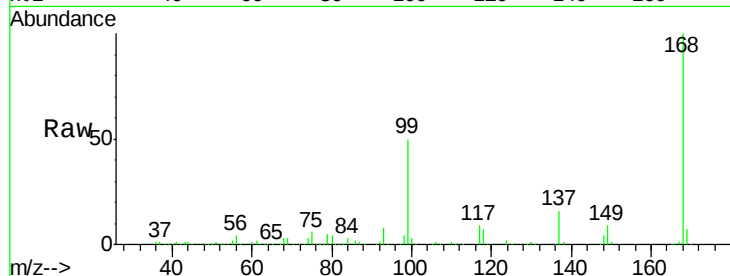
VSTDIC150

Tgt Ion:168 Resp: 305510

Ion Ratio Lower Upper

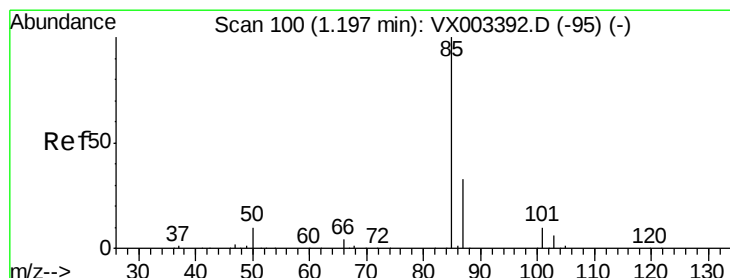
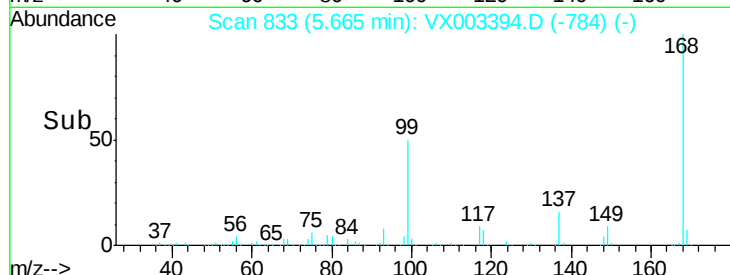
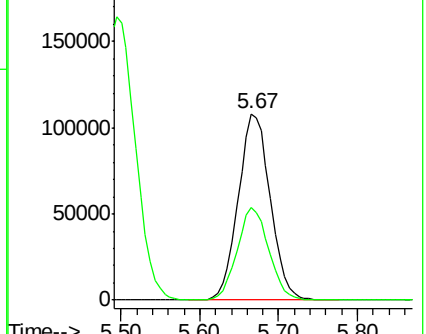
168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 160.118 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX003394.D

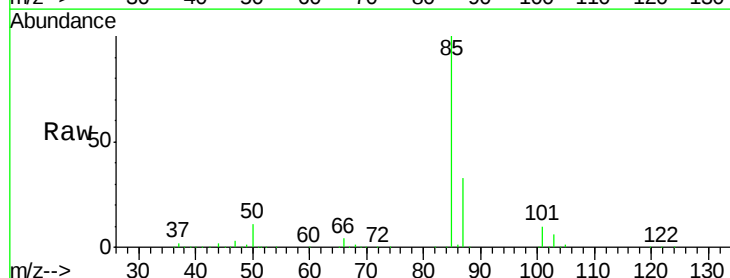
Acq: 16 Jul 2018 12:42

Tgt Ion: 85 Resp: 552141

Ion Ratio Lower Upper

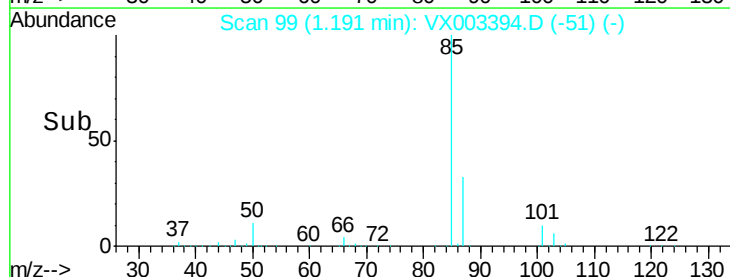
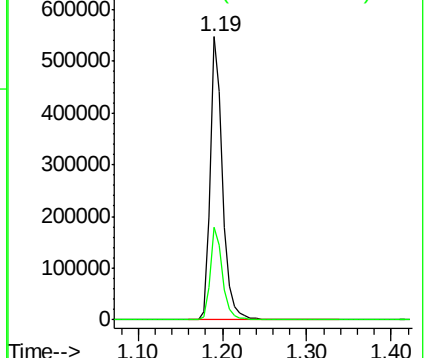
85 100

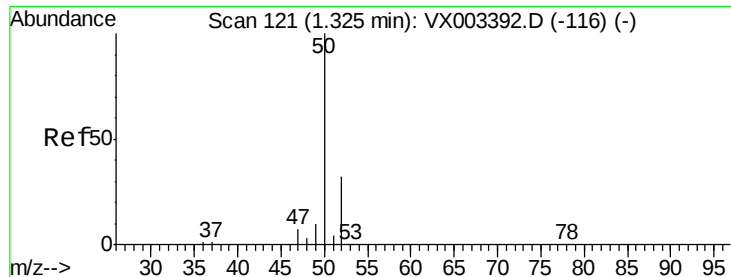
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

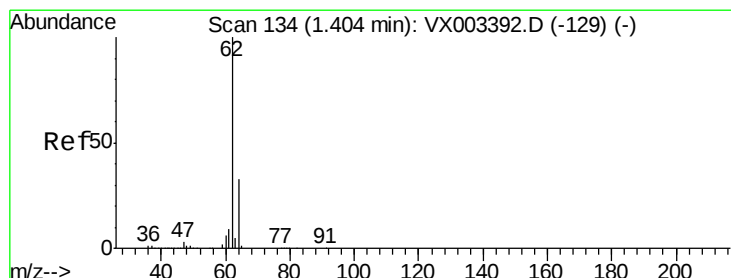
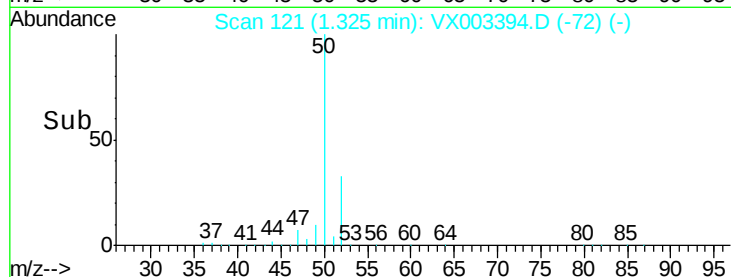
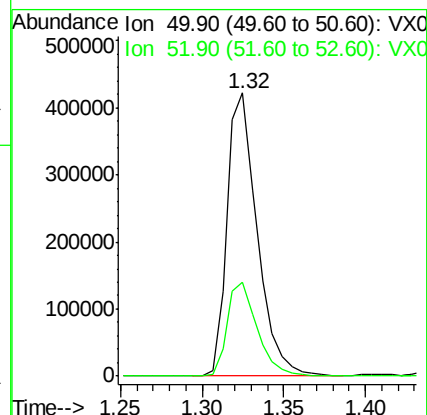
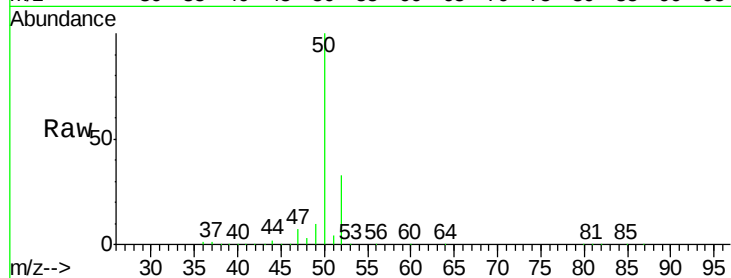




#3
Chloromethane
Concen: 145.450 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

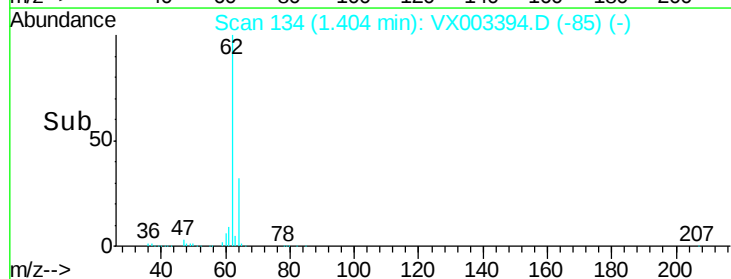
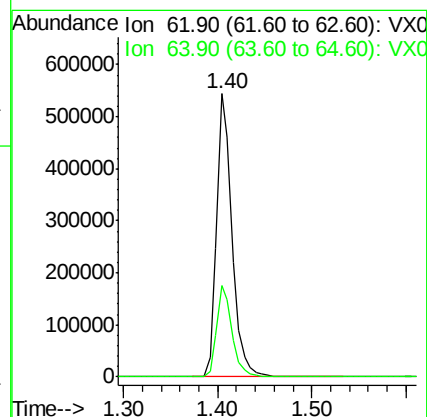
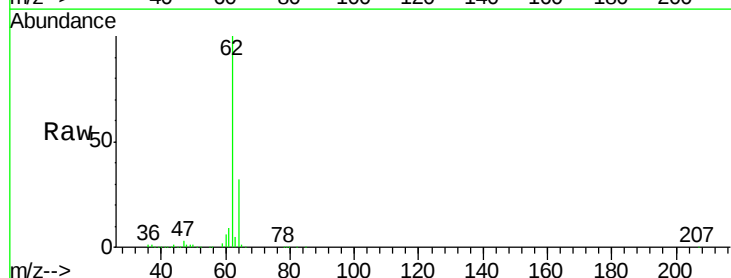
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

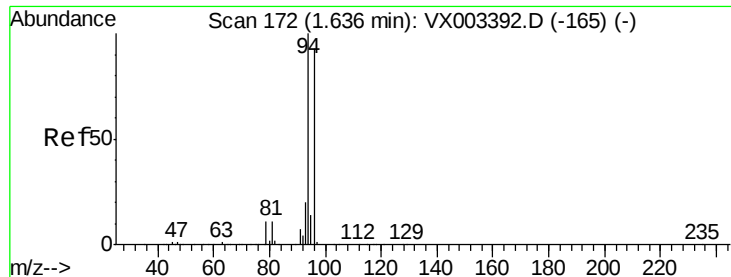
Tgt Ion: 50 Resp: 542826
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 151.408 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 62 Resp: 615774
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2





#5

Bromomethane

Concen: 192.875 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

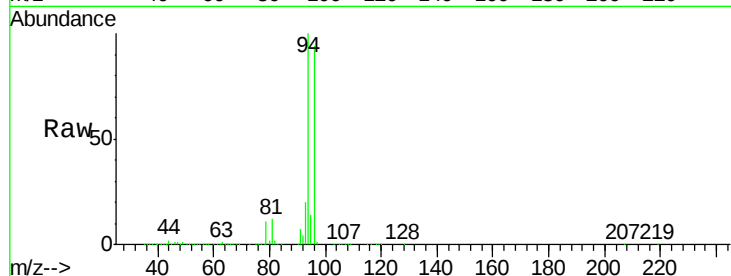
VSTDIC150

Tgt Ion: 94 Resp: 247955

Ion Ratio Lower Upper

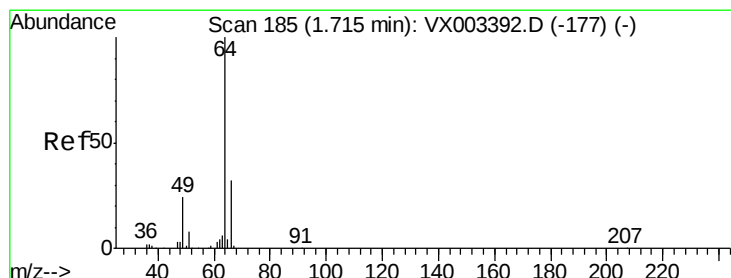
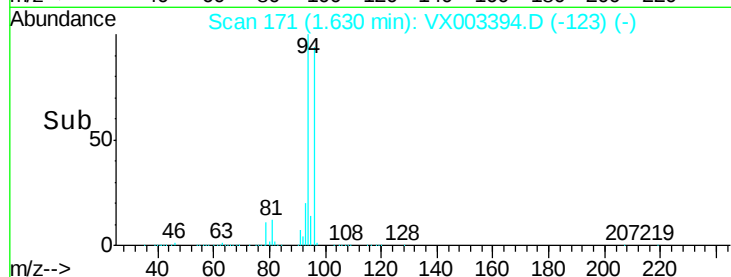
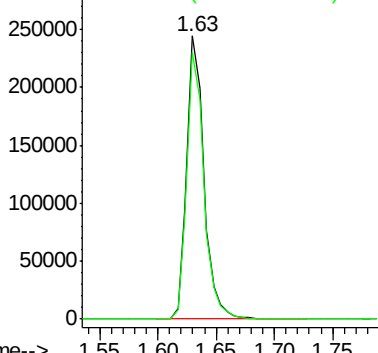
94 100

96 94.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 114.663 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003394.D

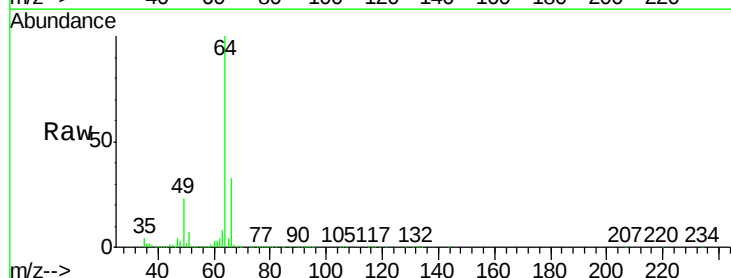
Acq: 16 Jul 2018 12:42

Tgt Ion: 64 Resp: 251323

Ion Ratio Lower Upper

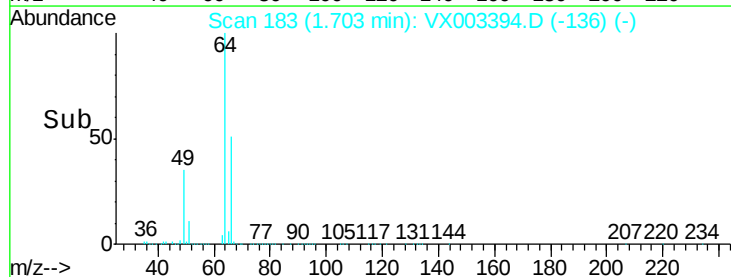
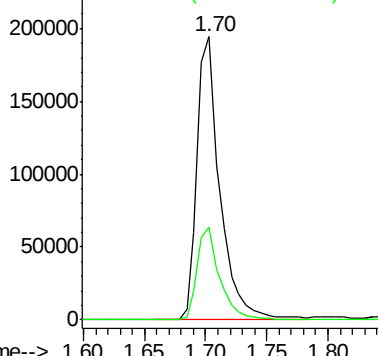
64 100

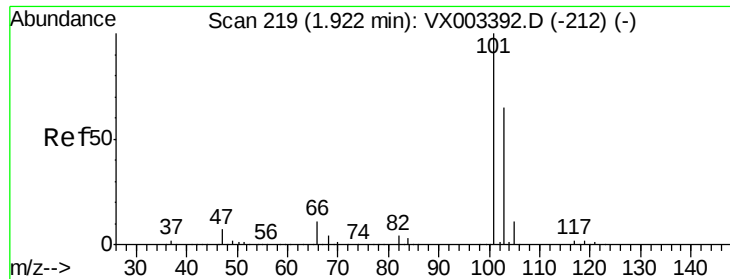
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



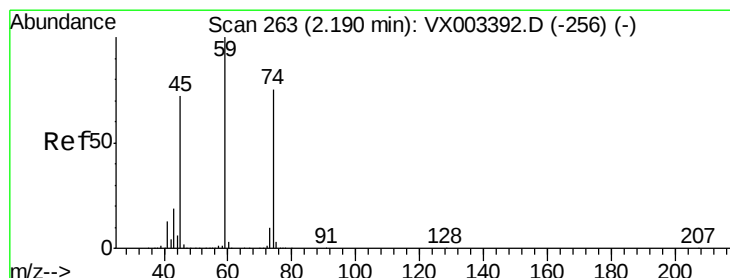
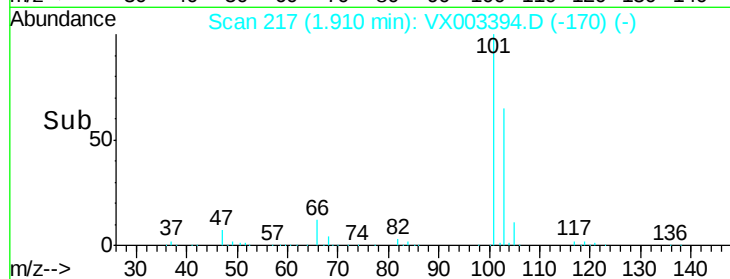
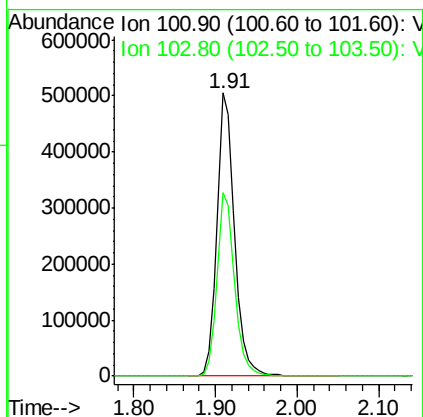
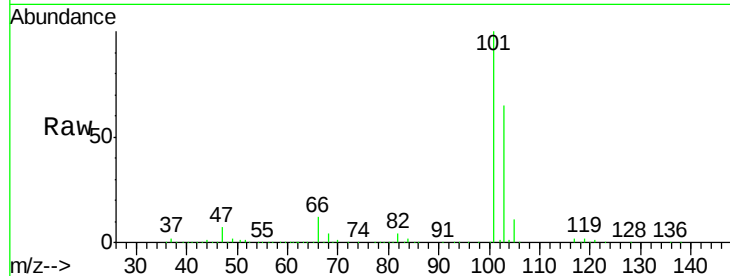


#7

Trichlorofluoromethane
Concen: 143.242 ug/l
RT: 1.91 min Scan# 217
Delta R.T. -0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

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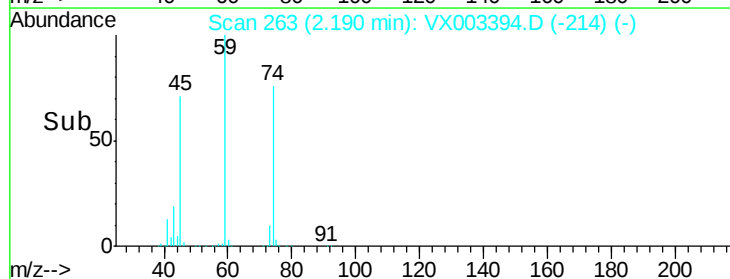
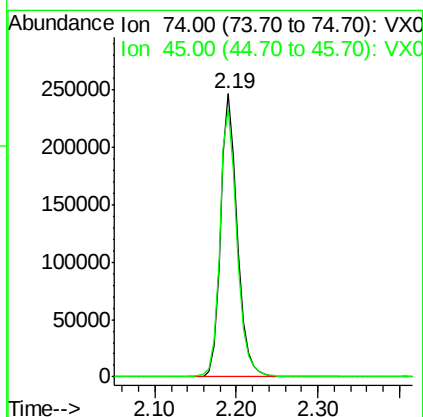
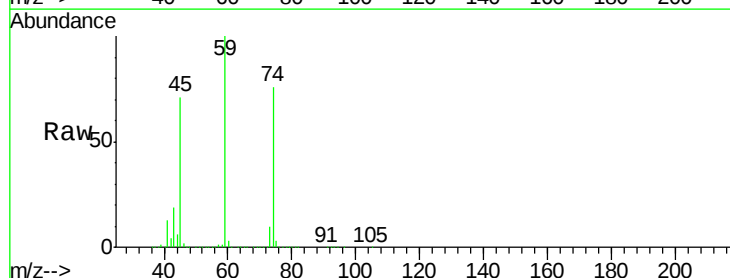
Tgt Ion: 101 Resp: 772798
Ion Ratio Lower Upper
101 100
103 64.8 52.8 79.2

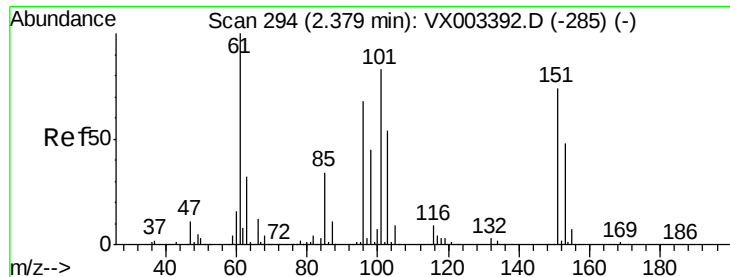


#8

Diethyl Ether
Concen: 152.171 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 74 Resp: 351262
Ion Ratio Lower Upper
74 100
45 97.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.671 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

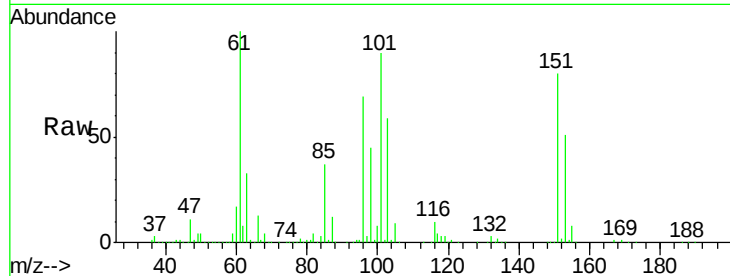
Tgt Ion:101 Resp: 510036

Ion Ratio Lower Upper

101 100

85 41.8 36.0 54.0

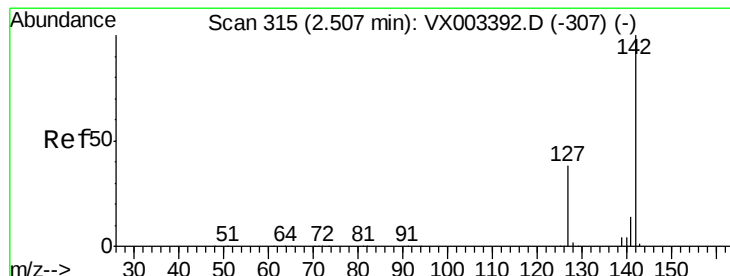
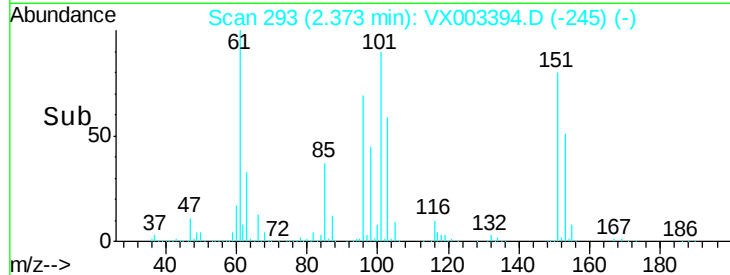
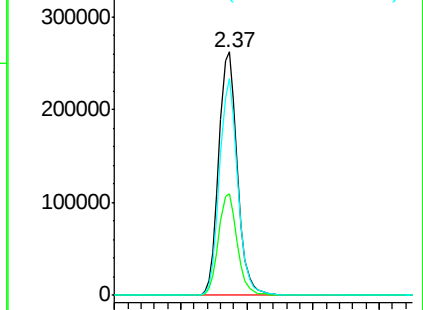
151 87.1 70.9 106.3



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: 189.165 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

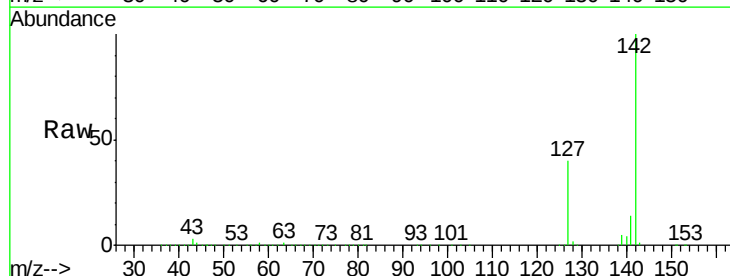
Tgt Ion:142 Resp: 689621

Ion Ratio Lower Upper

142 100

127 40.0 36.6 55.0

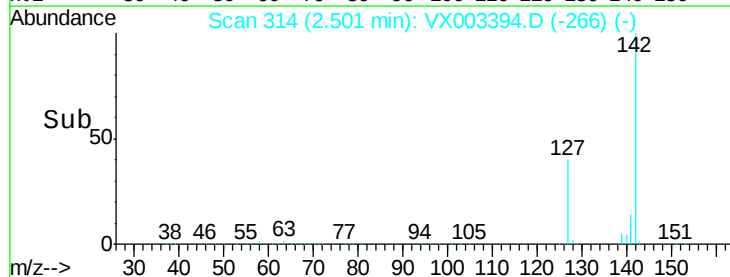
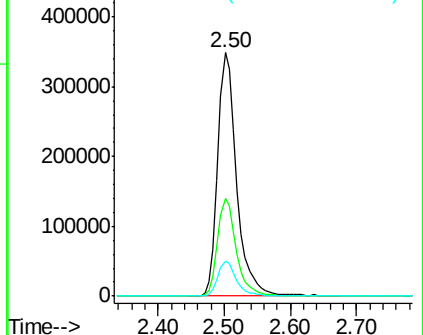
141 14.1 11.3 16.9

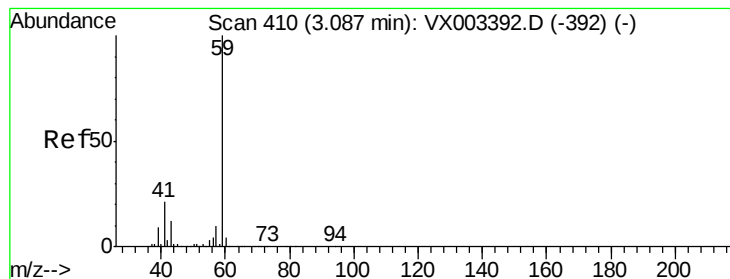


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



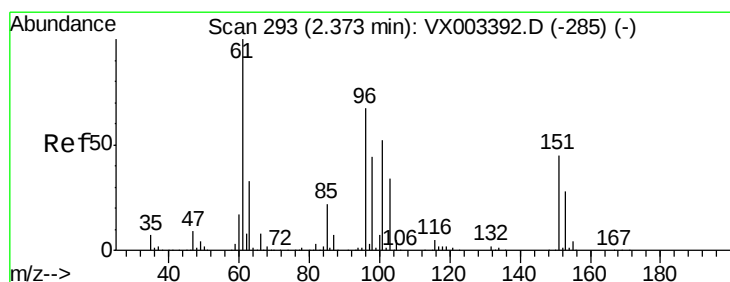
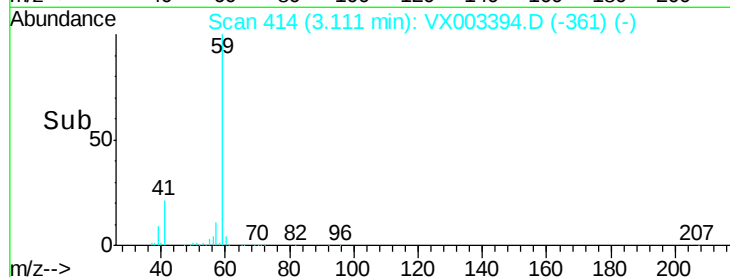
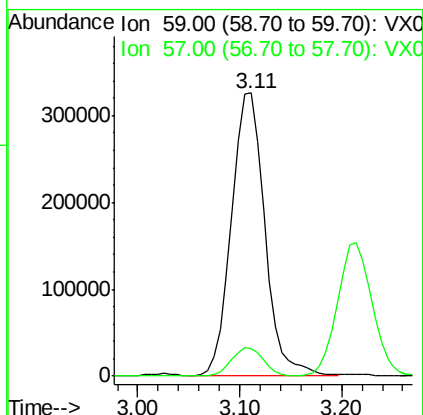
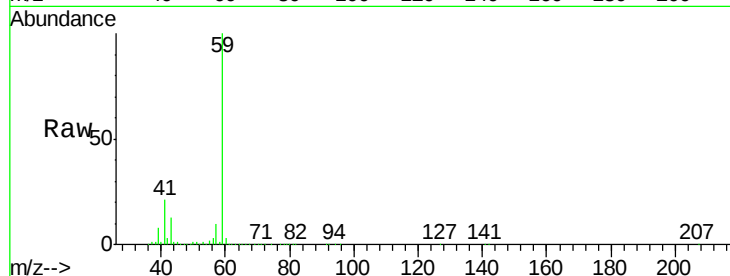


#11

Tert butyl alcohol
Concen: 818.450 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.02 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

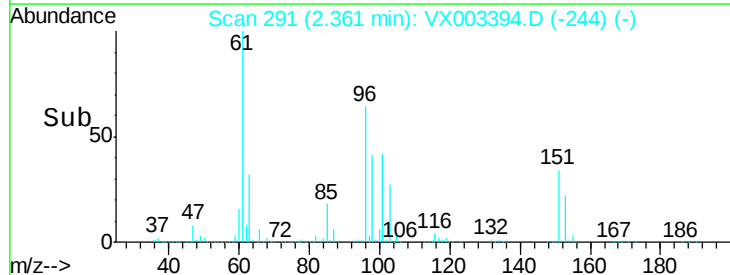
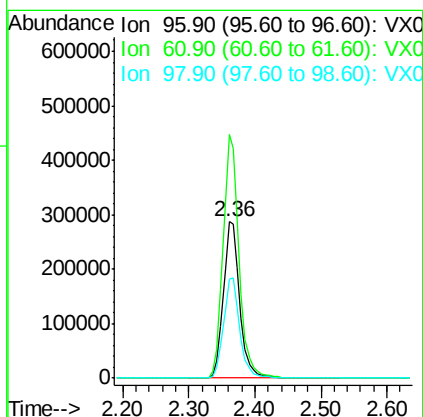
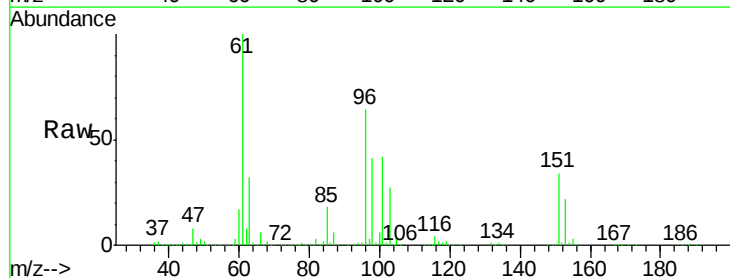
Tgt Ion: 59 Resp: 736414
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

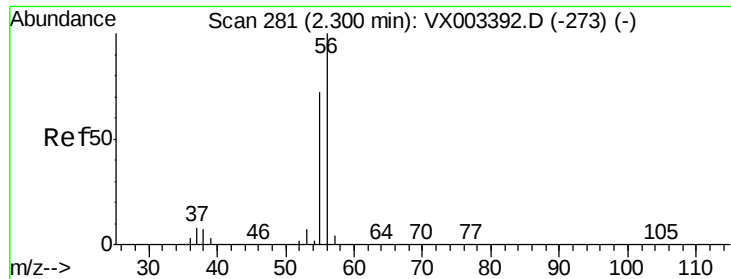


#12

1,1-Dichloroethene
Concen: 152.238 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 96 Resp: 490264
Ion Ratio Lower Upper
96 100
61 155.7 137.9 206.9
98 63.5 51.6 77.4





#13

Acrolein

Concen: 769.332 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

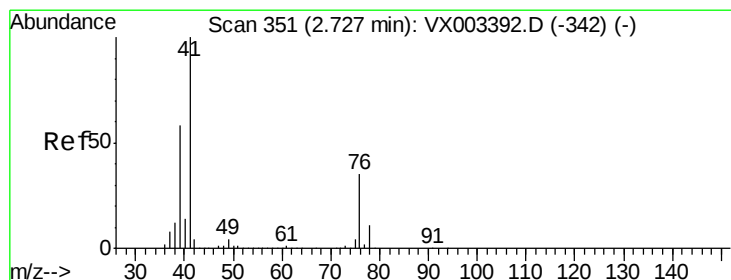
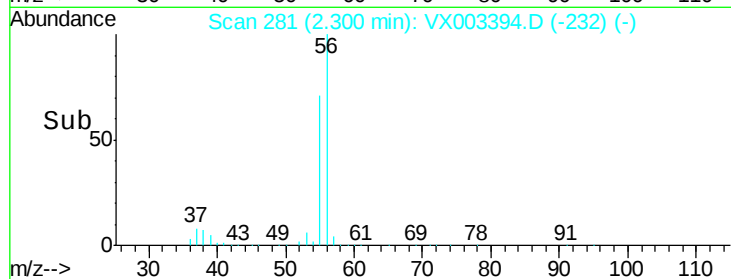
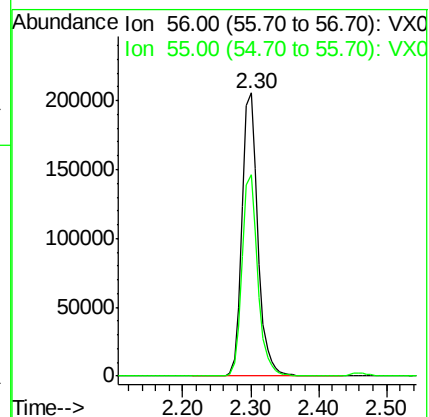
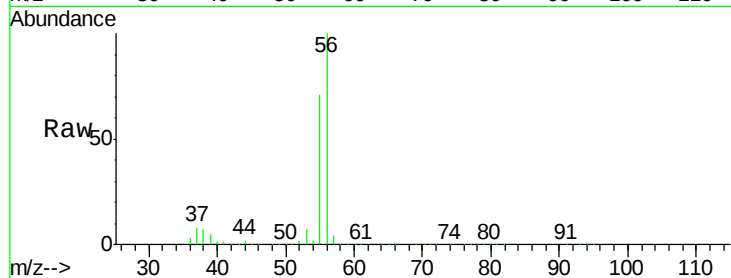
VSTDIC150

Tgt Ion: 56 Resp: 332053

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 145.078 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

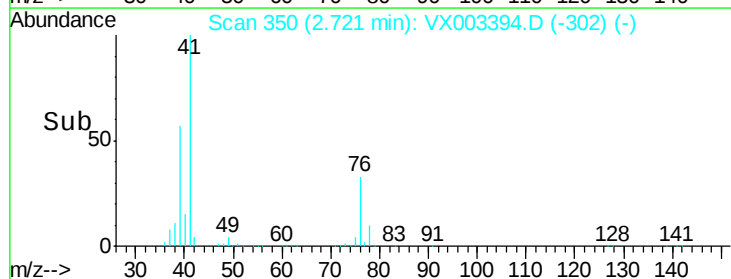
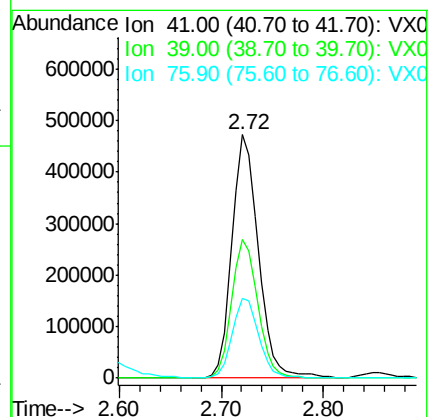
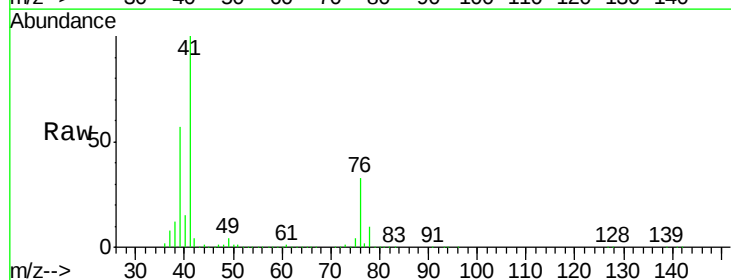
Tgt Ion: 41 Resp: 847500

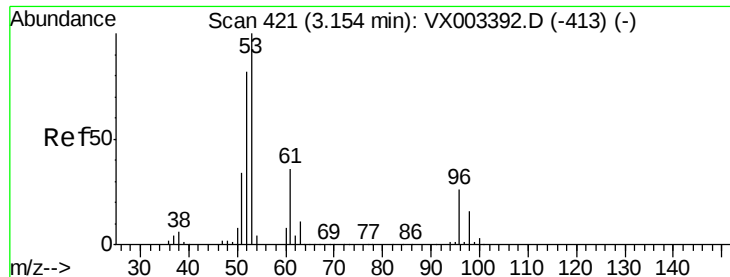
Ion Ratio Lower Upper

41 100

39 56.3 56.8 85.2#

76 32.8 23.8 35.8





#15

Acrylonitrile

Concen: 777.847 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

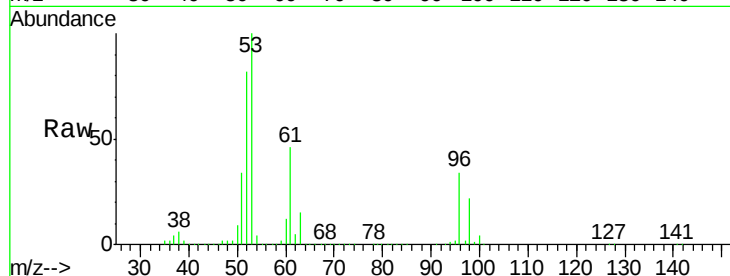
Tgt Ion: 53 Resp: 1603467

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

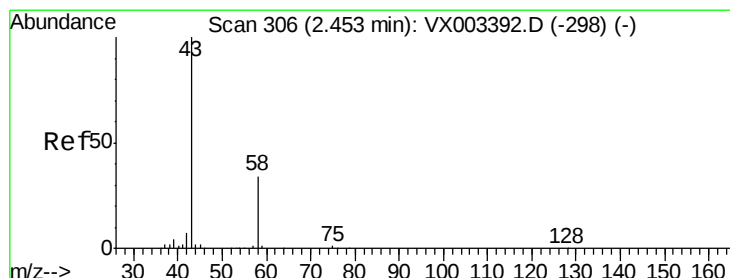
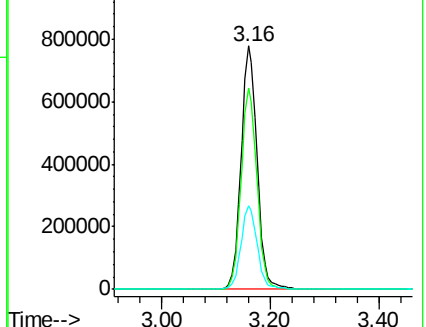
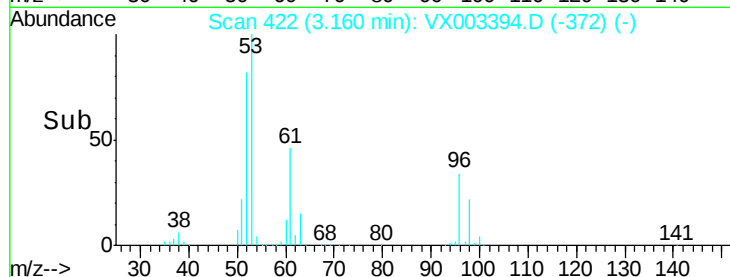
51 35.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 766.645 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX003394.D

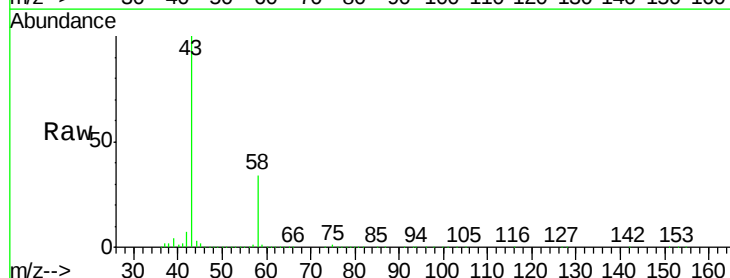
Acq: 16 Jul 2018 12:42

Tgt Ion: 43 Resp: 1275794

Ion Ratio Lower Upper

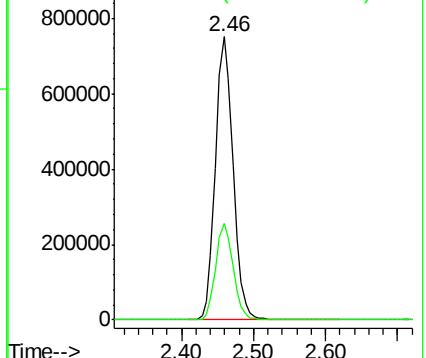
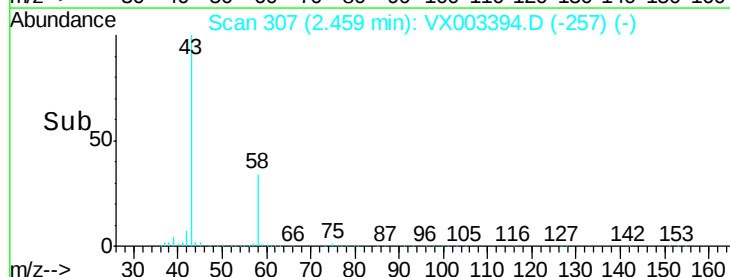
43 100

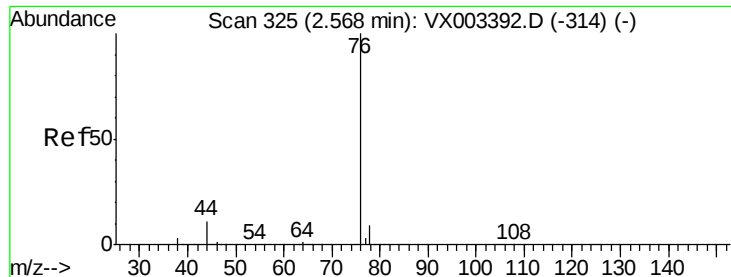
58 34.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

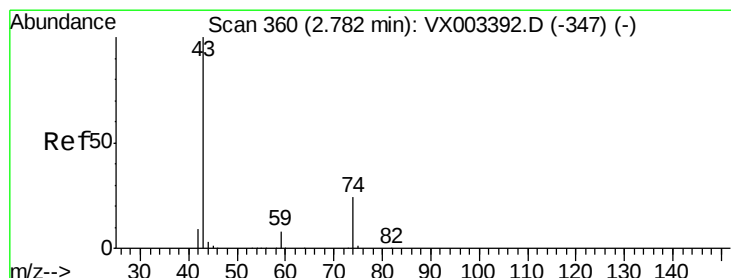
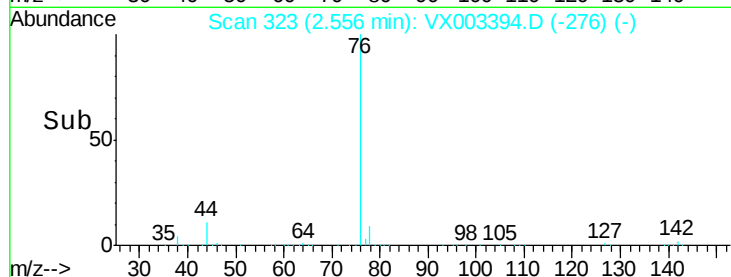
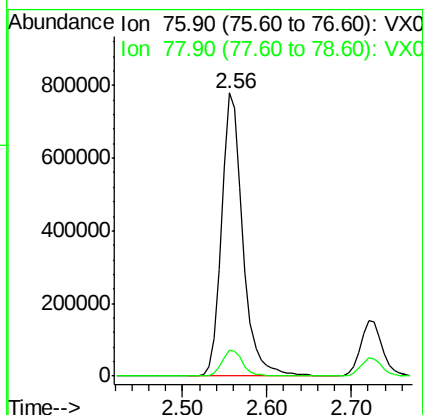
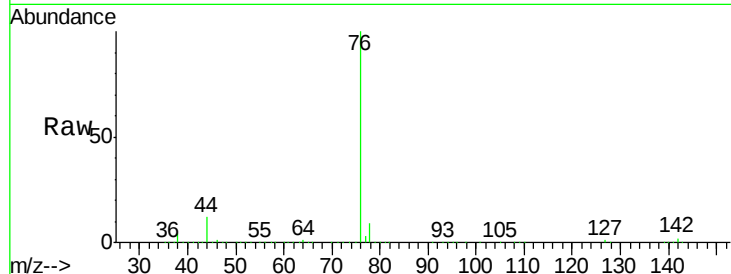




#17
Carbon Disulfide
Concen: 153.997 ug/l
RT: 2.56 min Scan# 323
Delta R.T. -0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

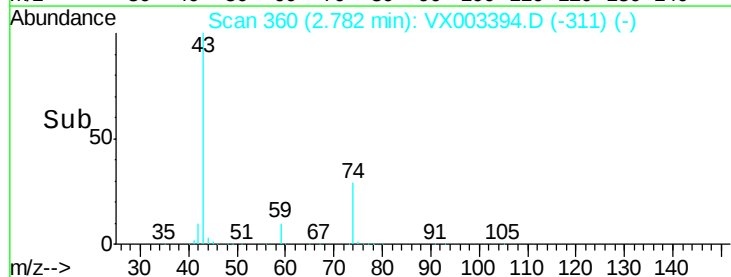
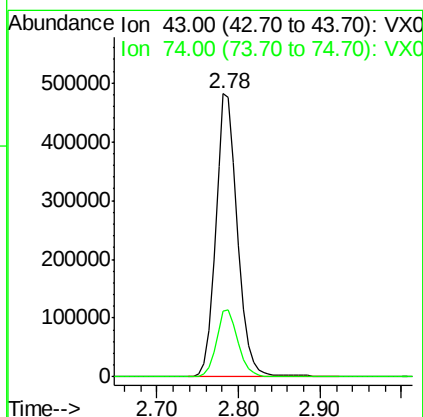
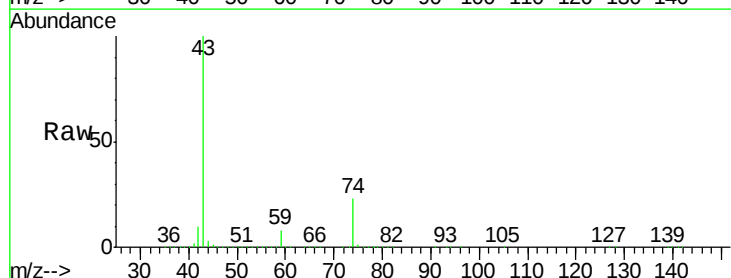
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

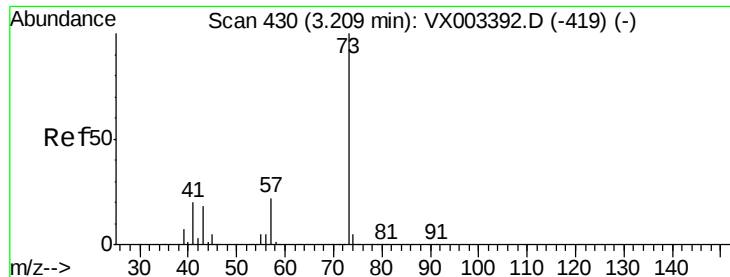
Tgt Ion: 76 Resp: 1360734
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 164.992 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 43 Resp: 894286
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1



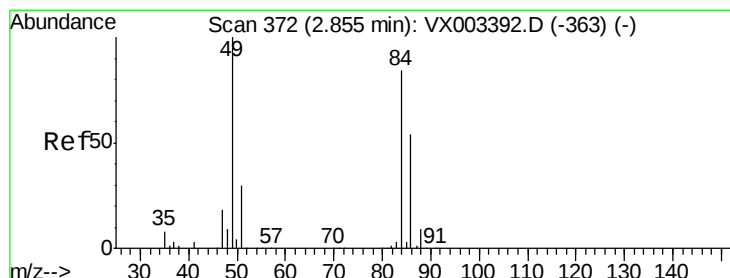
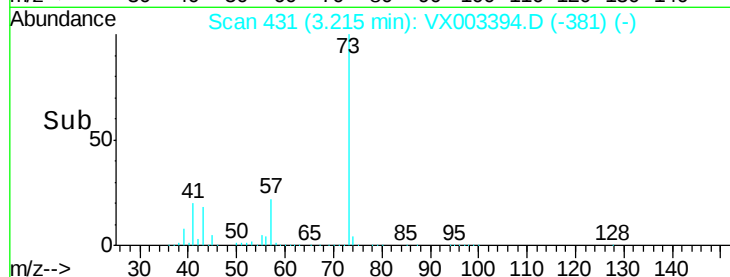
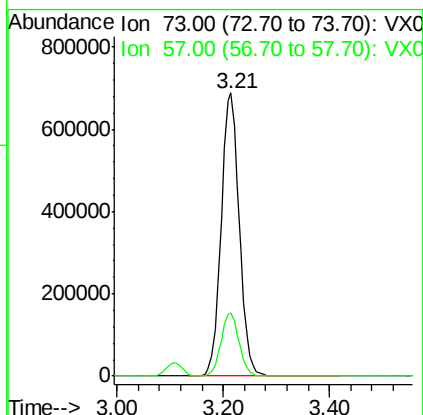
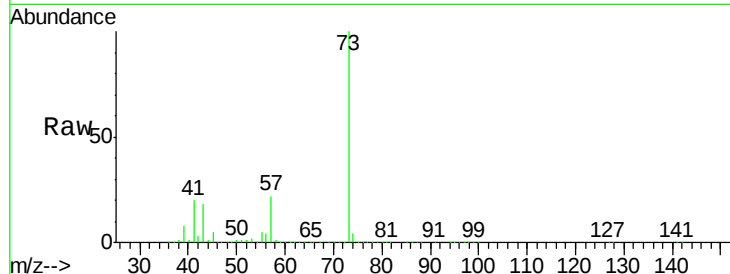


#19

Methyl tert-butyl Ether
 Concen: 152.814 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

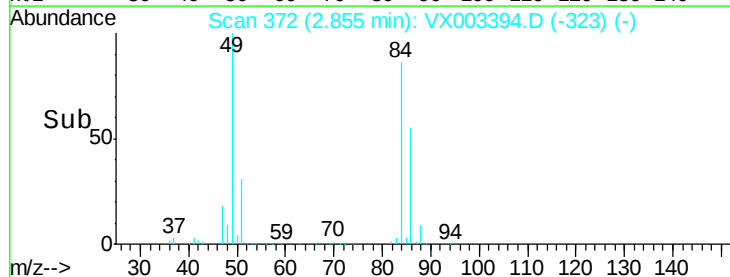
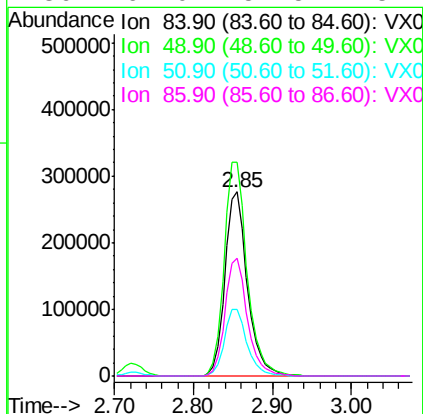
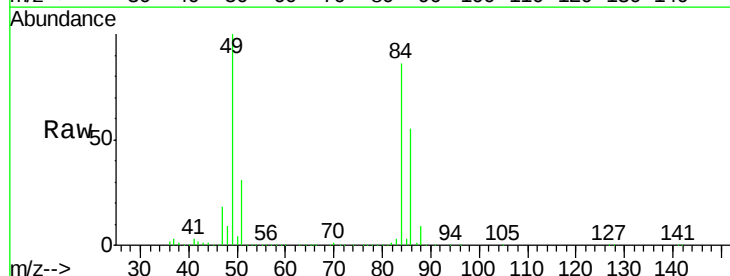
Tgt Ion: 73 Resp: 1634062
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.7 26.5

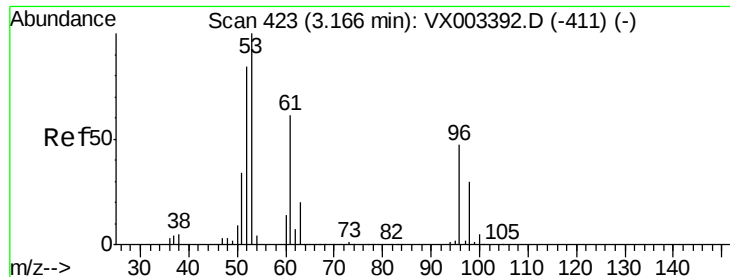


#20

Methylene Chloride
 Concen: 151.745 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 84 Resp: 546426
 Ion Ratio Lower Upper
 84 100
 49 116.2 107.8 161.6
 51 36.3 32.8 49.2
 86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 148.480 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

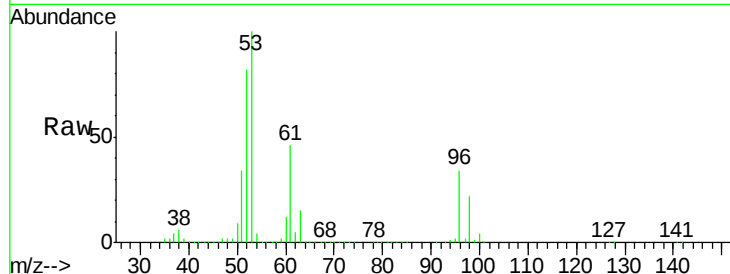
Tgt Ion: 96 Resp: 516453

Ion Ratio Lower Upper

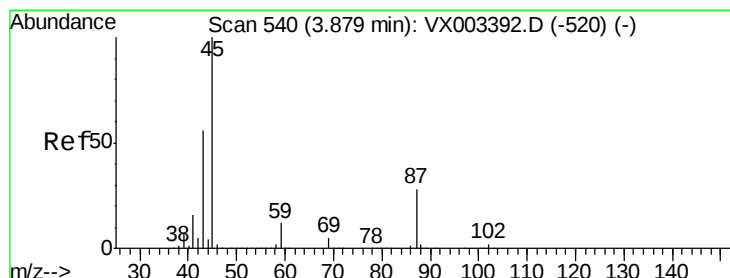
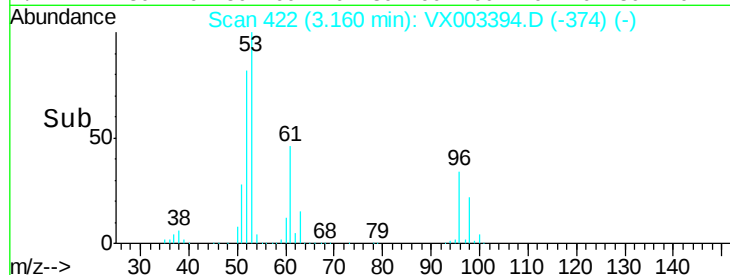
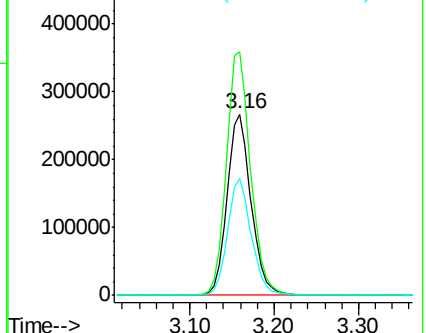
96 100

61 134.4 117.0 175.4

98 64.5 52.4 78.6



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



#22

Diisopropyl ether

Concen: 147.828 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Tgt Ion: 45 Resp: 1675035

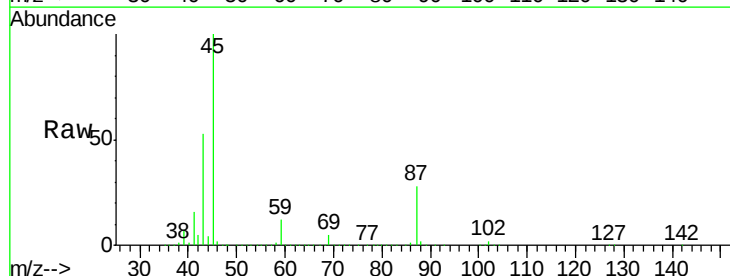
Ion Ratio Lower Upper

45 100

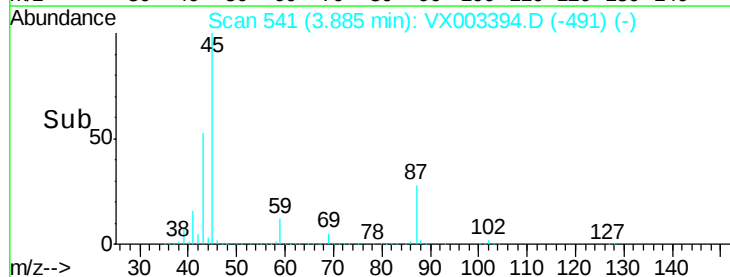
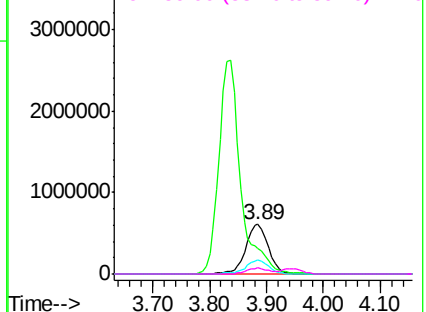
43 52.8 46.8 70.2

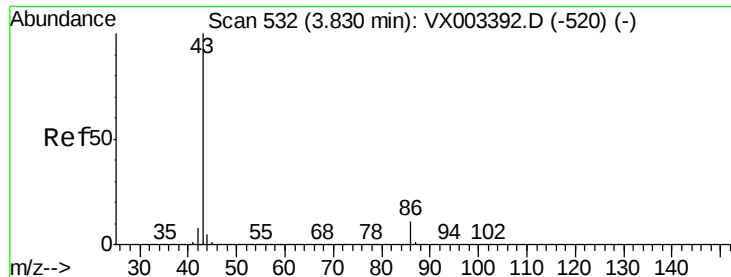
87 28.5 20.2 30.4

59 11.9 8.7 13.1



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





#23

Vinyl Acetate

Concen: 749.069 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

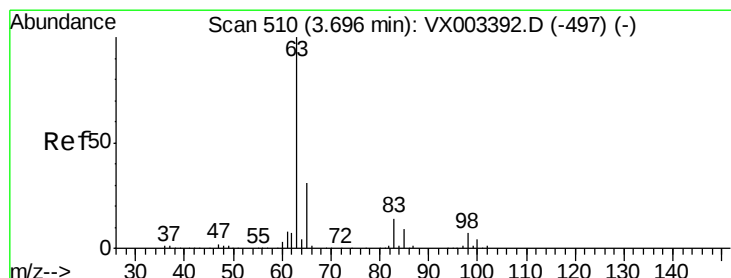
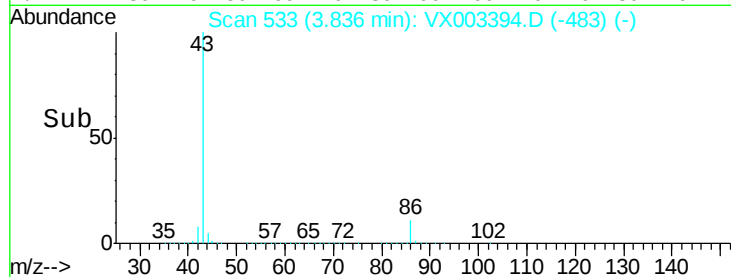
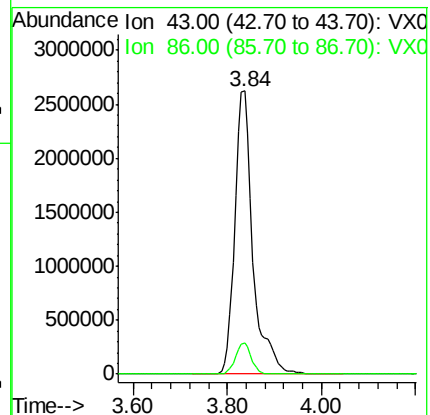
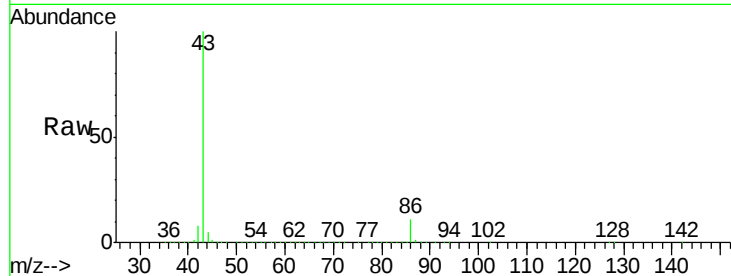
VSTDIC150

Tgt Ion: 43 Resp: 7000113

Ion Ratio Lower Upper

43 100

86 11.0 7.4 11.0



#24

1,1-Dichloroethane

Concen: 150.078 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

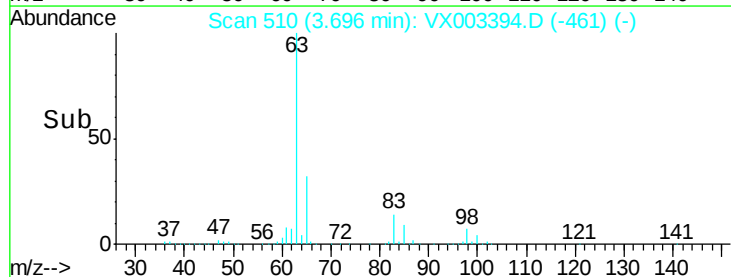
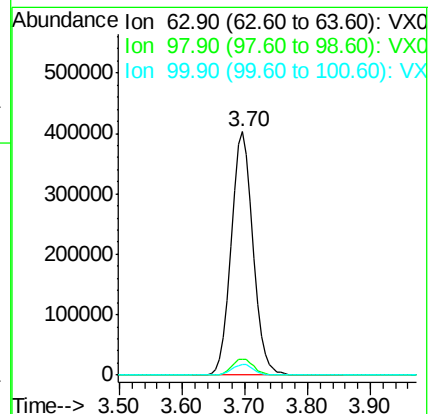
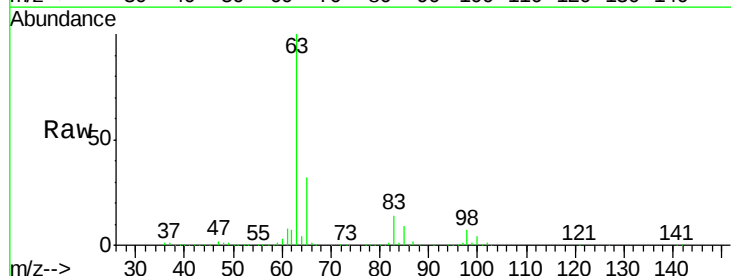
Tgt Ion: 63 Resp: 964735

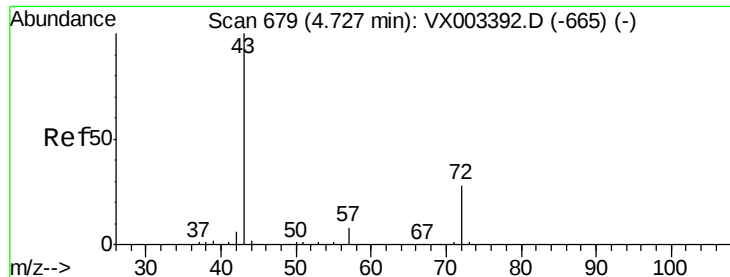
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 788.483 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

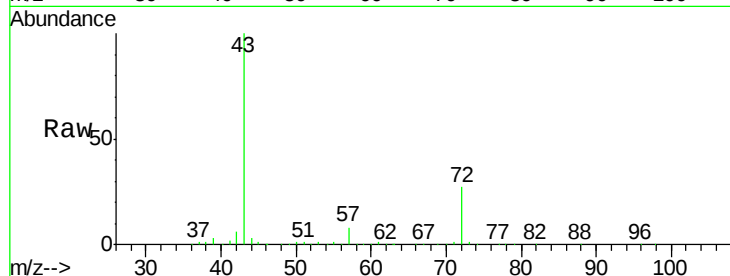
VSTDIC150

Tgt Ion: 43 Resp: 2053498

Ion Ratio Lower Upper

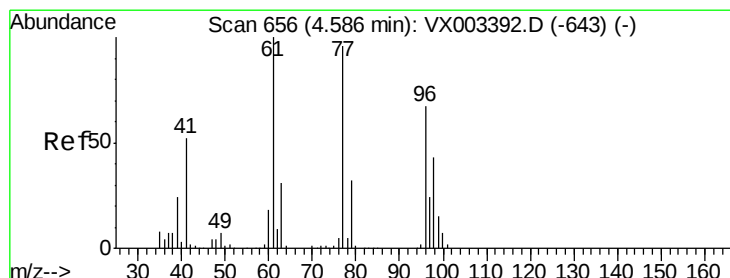
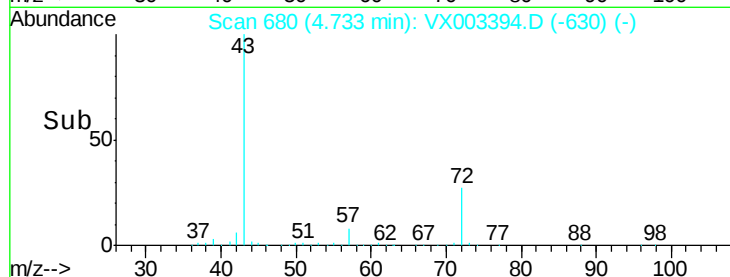
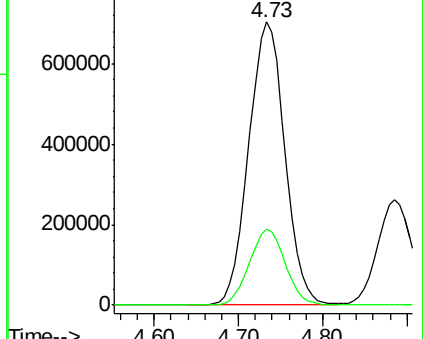
43 100

72 27.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 141.188 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003394.D

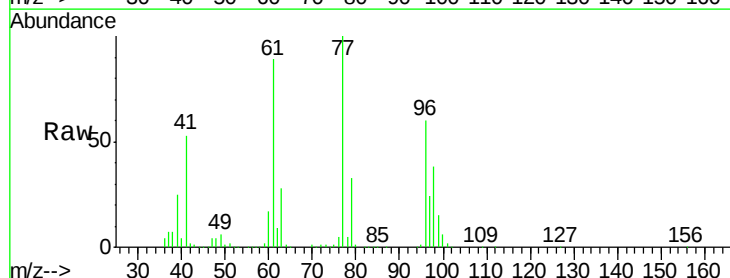
Acq: 16 Jul 2018 12:42

Tgt Ion: 77 Resp: 637051

Ion Ratio Lower Upper

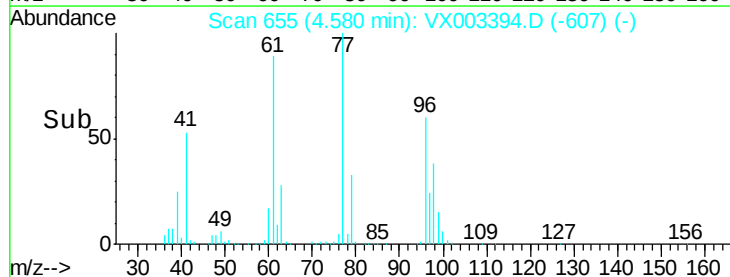
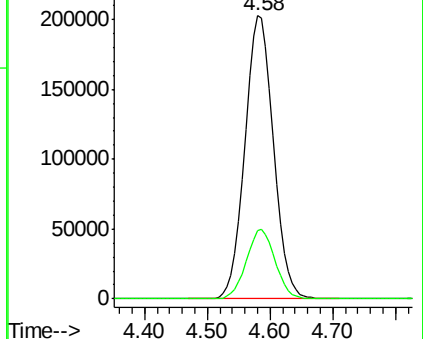
77 100

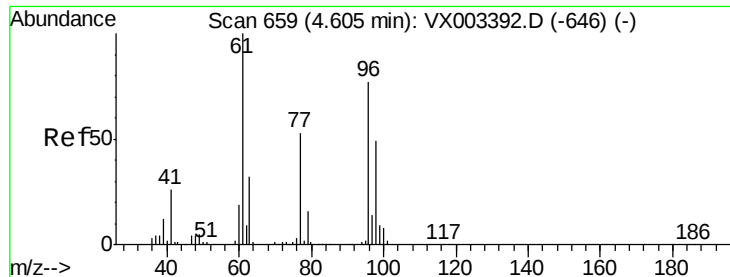
97 24.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



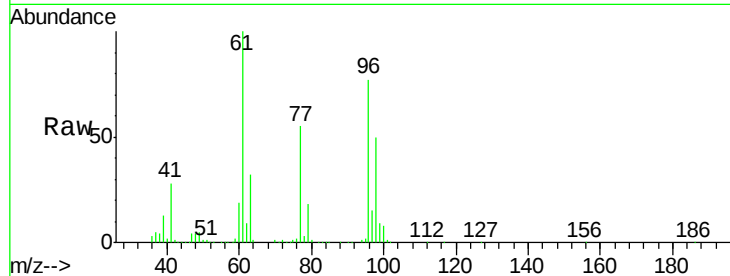


#27

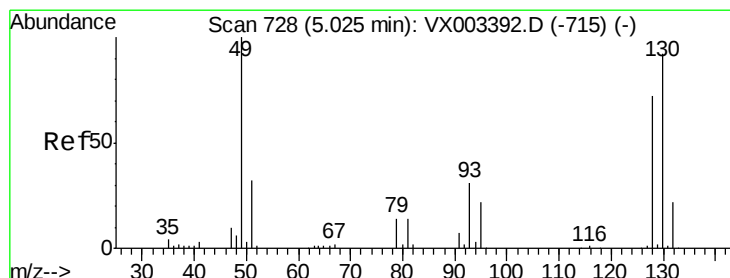
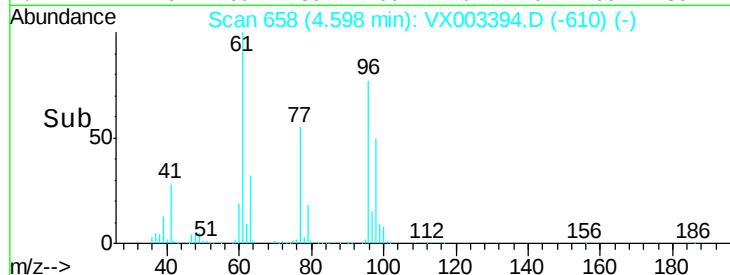
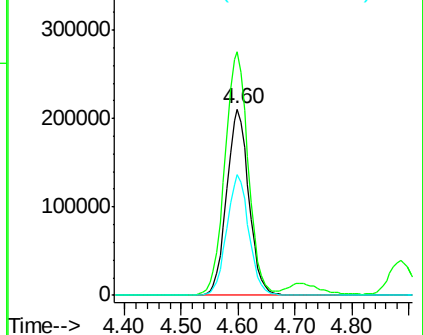
cis-1,2-Dichloroethene
 Concen: 152.432 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 570448
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 330.2
 98 64.7 0.0 130.2



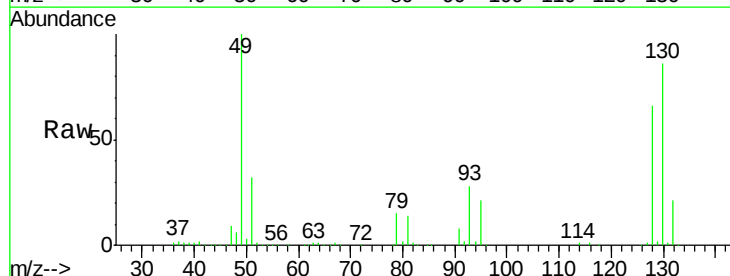
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



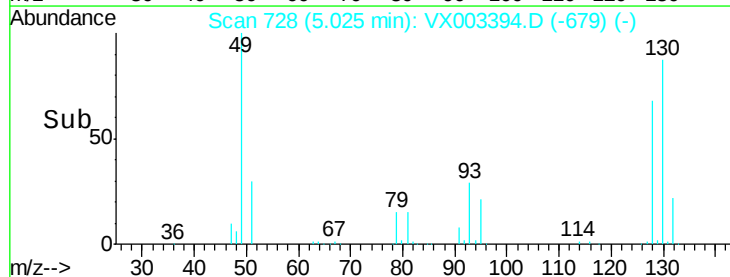
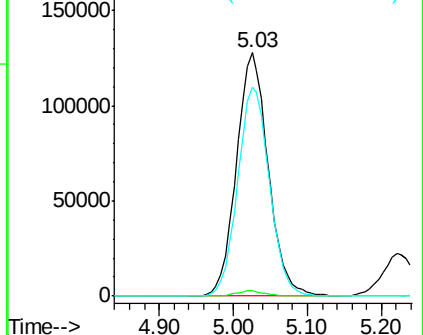
#28

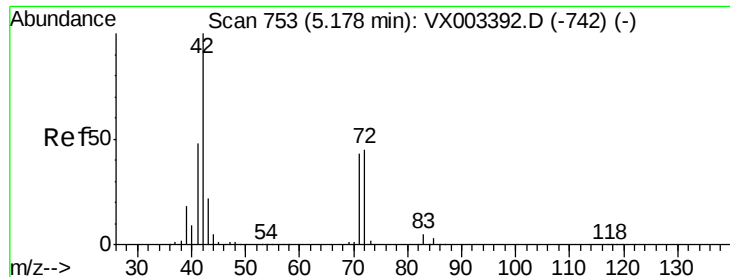
Bromochloromethane
 Concen: 137.179 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 49 Resp: 382842
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 86.0 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 786.423 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

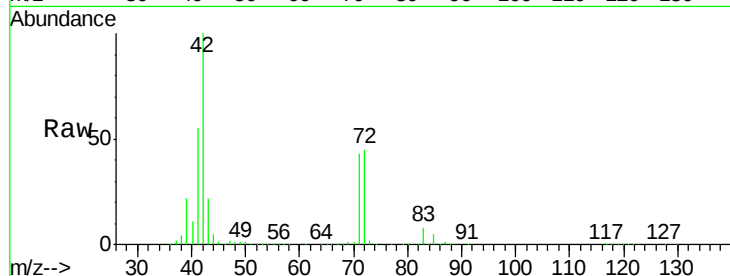
Tgt Ion: 42 Resp: 1298906

Ion Ratio Lower Upper

42 100

72 45.1 32.0 48.0

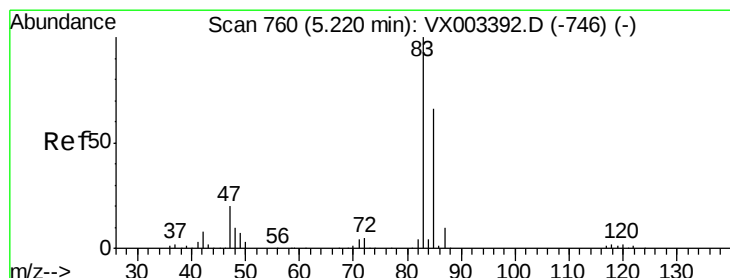
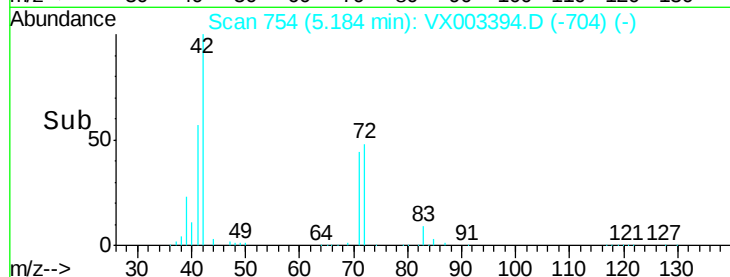
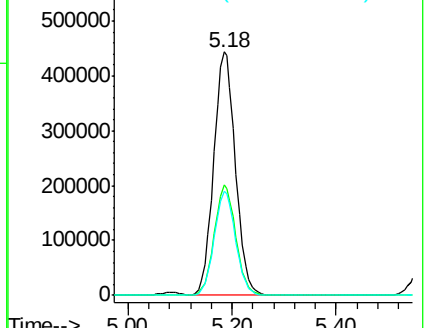
71 42.2 30.1 45.1



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: 149.279 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003394.D

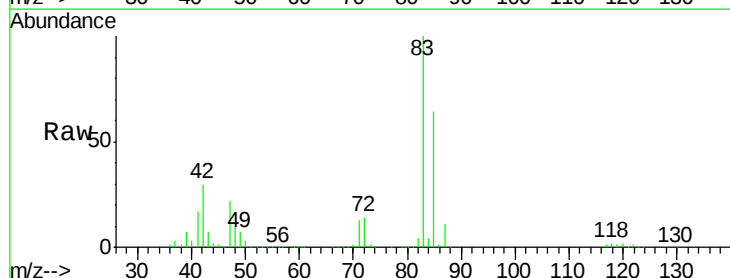
Acq: 16 Jul 2018 12:42

Tgt Ion: 83 Resp: 884260

Ion Ratio Lower Upper

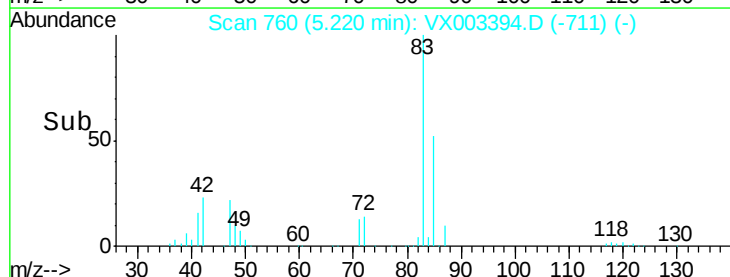
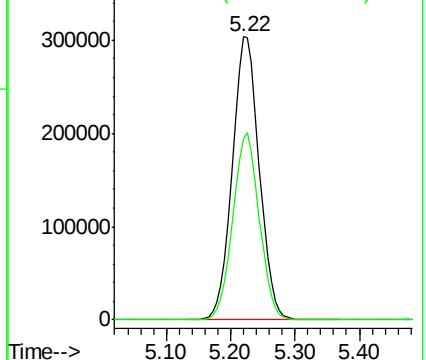
83 100

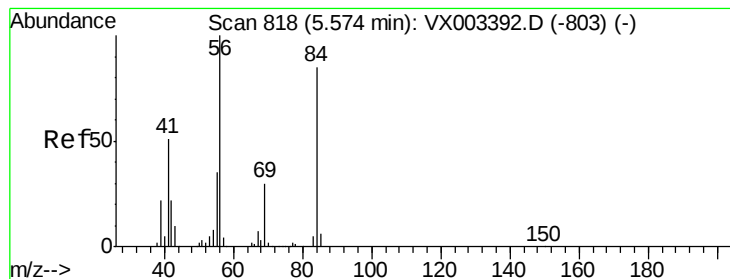
85 63.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 155.085 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

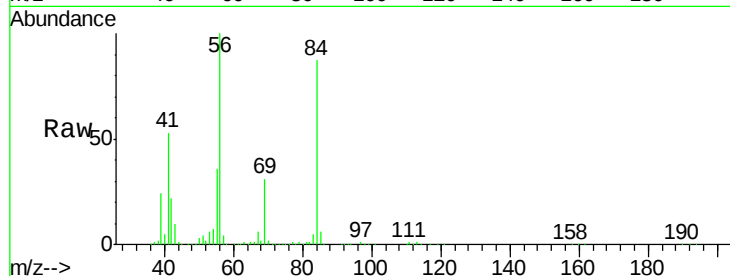
Tgt Ion: 56 Resp: 769882

Ion Ratio Lower Upper

56 100

69 31.0 23.7 35.5

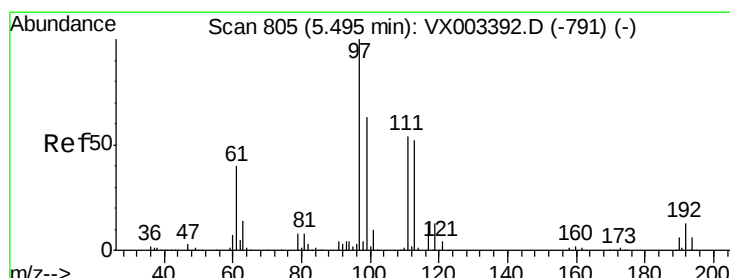
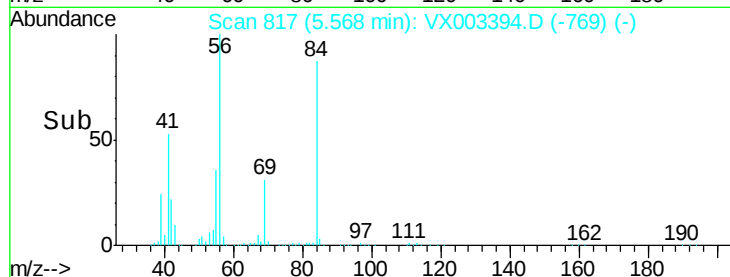
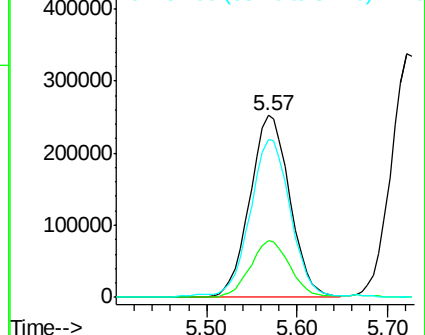
84 85.8 64.1 96.1



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: 154.592 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

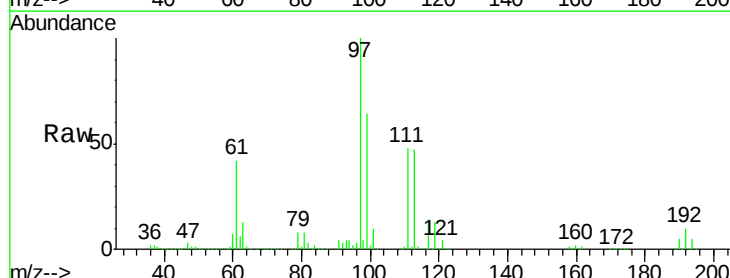
Tgt Ion: 97 Resp: 778830

Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

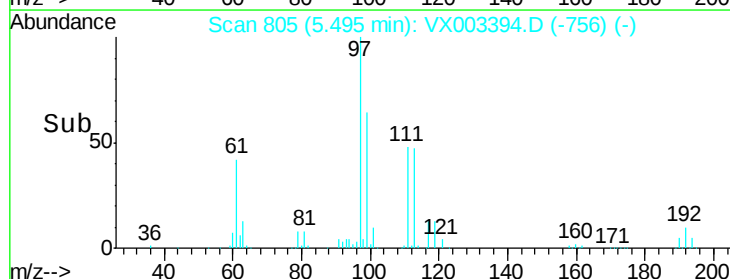
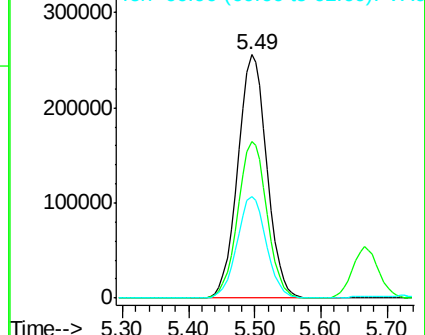
61 42.1 36.4 54.6

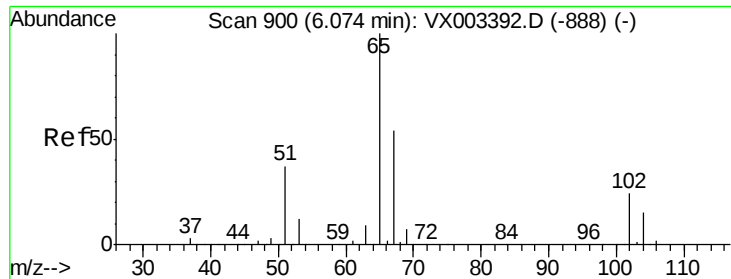


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

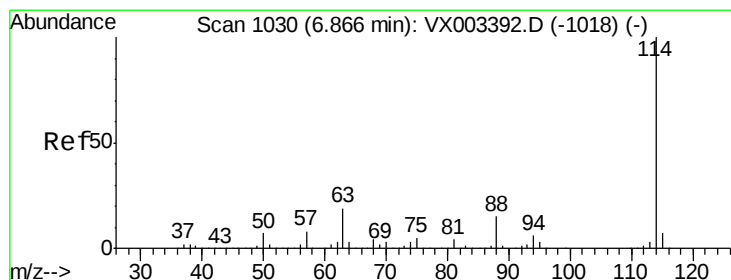
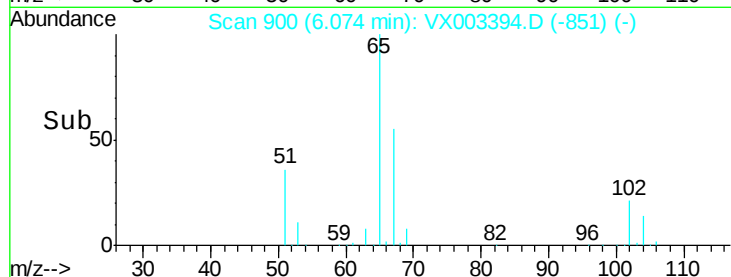
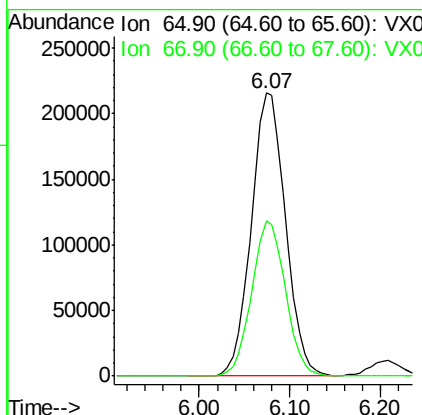
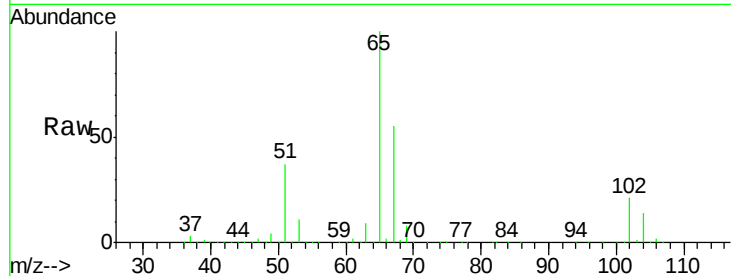




#33
 1,2-Dichloroethane-d4
 Concen: 141.016 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

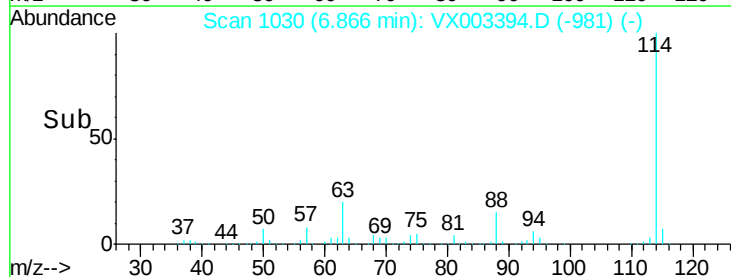
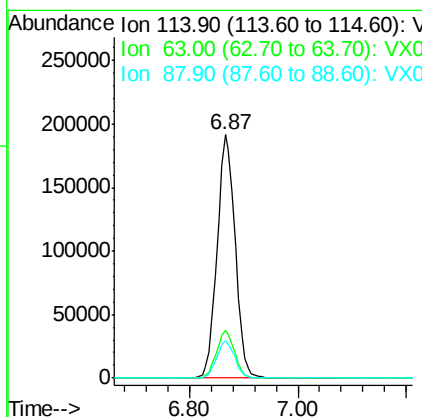
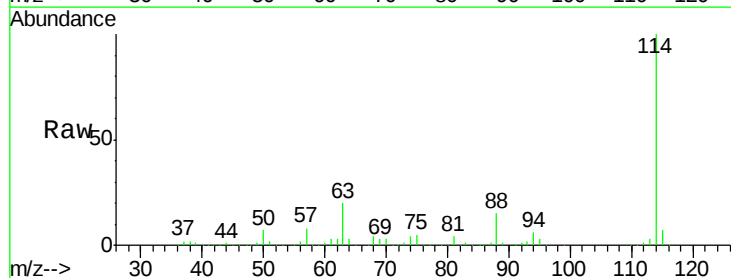
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

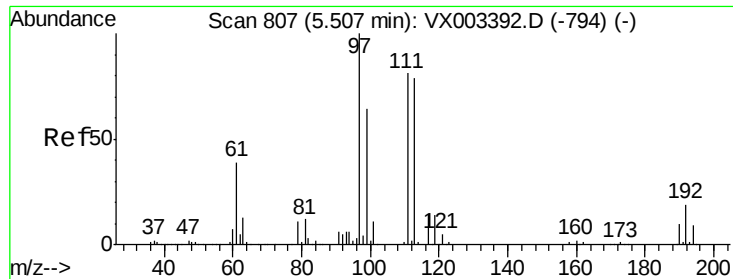
Tgt Ion: 65 Resp: 564191
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 114 Resp: 441102
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.3 0.0 30.0

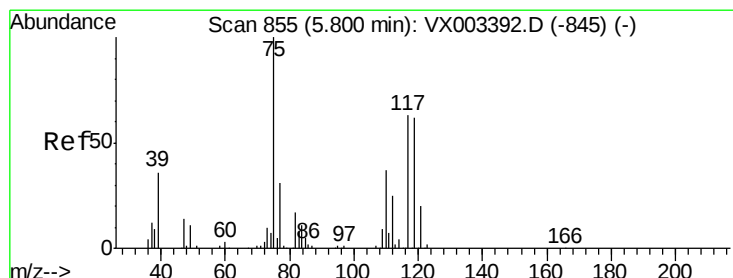
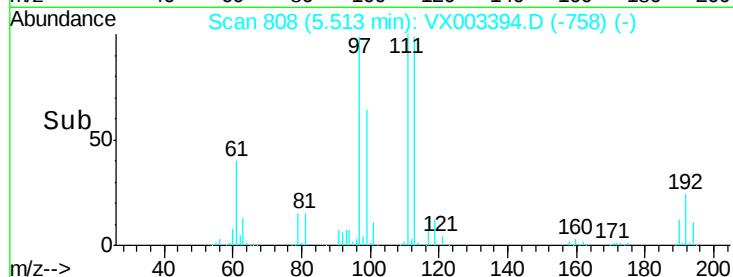
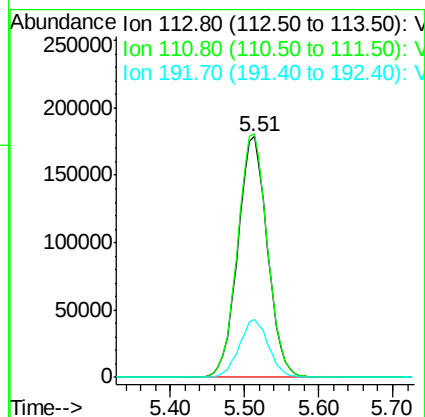
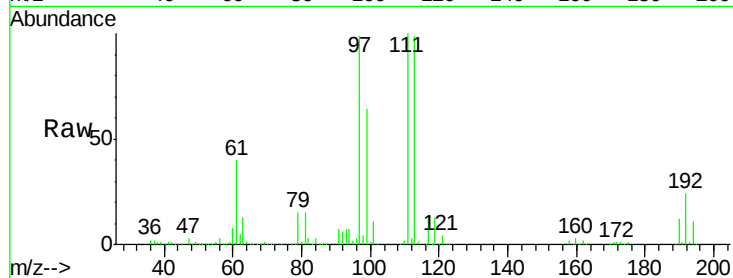




#35
Dibromofluoromethane
Concen: 139.561 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

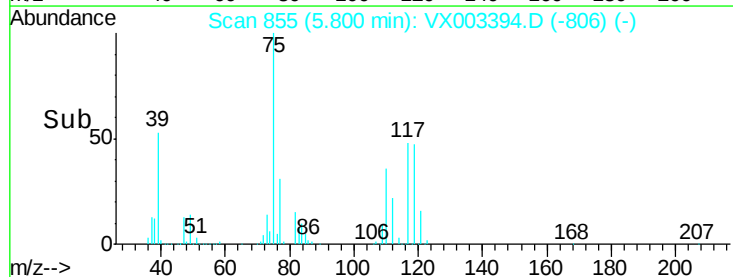
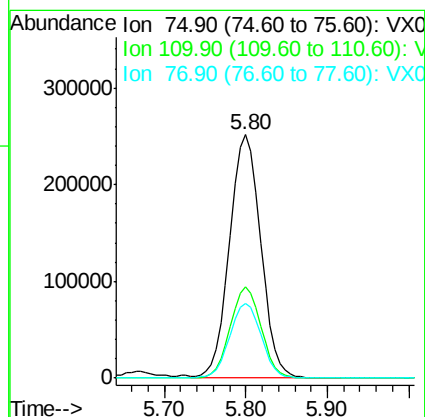
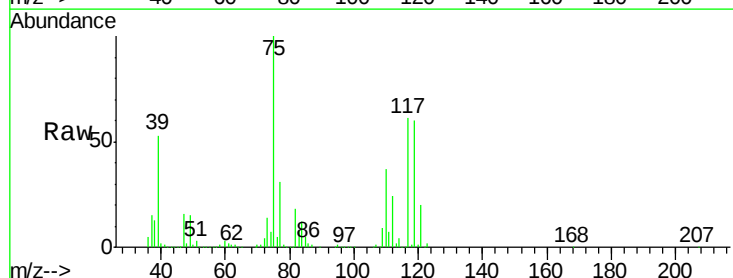
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

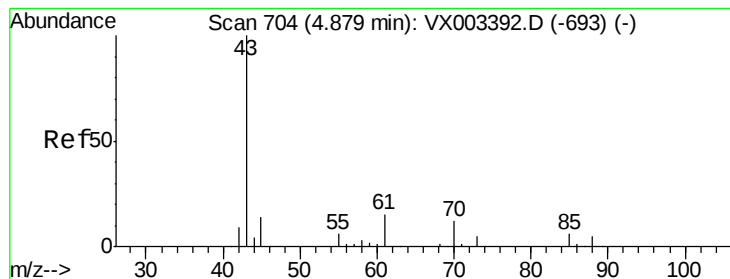
Tgt Ion:113 Resp: 498092
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 23.5 19.1 28.7



#36
1,1-Dichloropropene
Concen: 148.905 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 75 Resp: 665130
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.4
77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 149.649 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

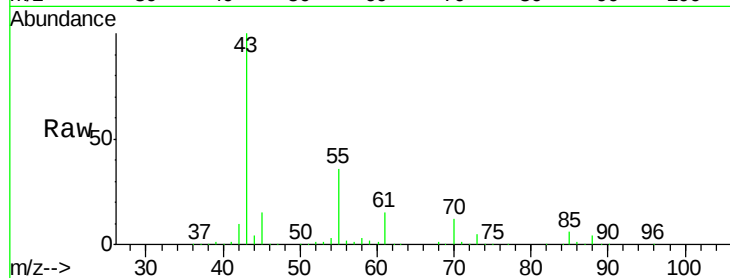
Tgt Ion: 43 Resp: 753255

Ion Ratio Lower Upper

43 100

61 15.0 10.4 15.6

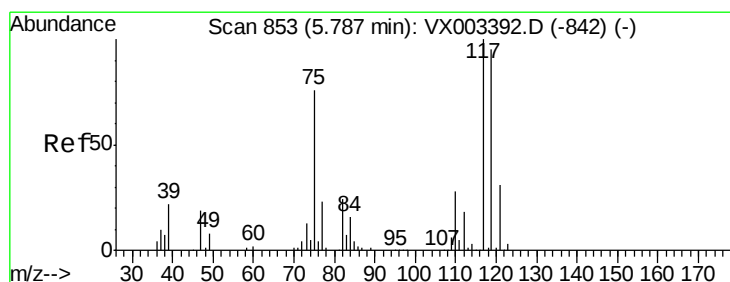
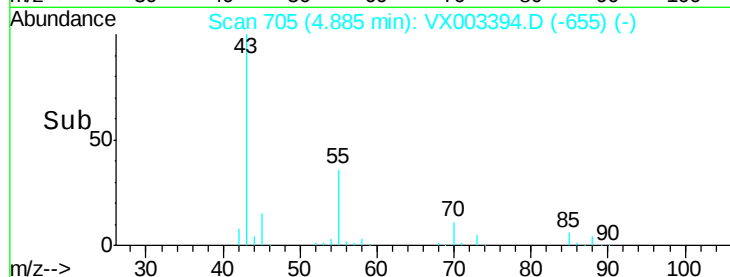
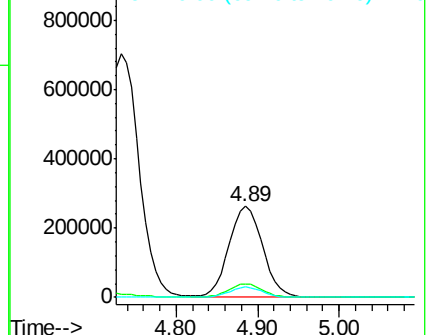
70 11.0 7.6 11.4



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: 152.755 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

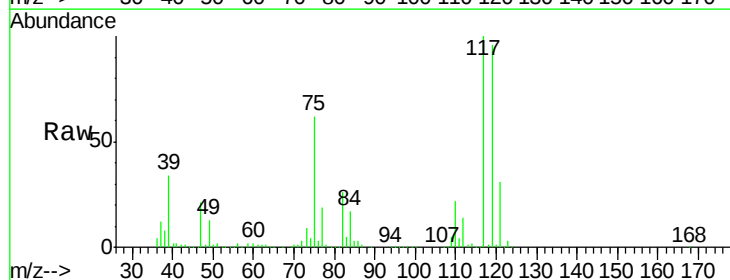
Tgt Ion: 117 Resp: 694345

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

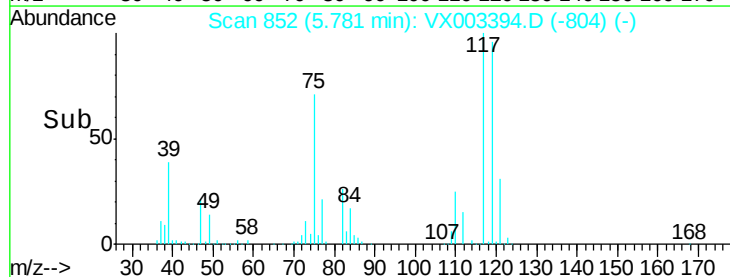
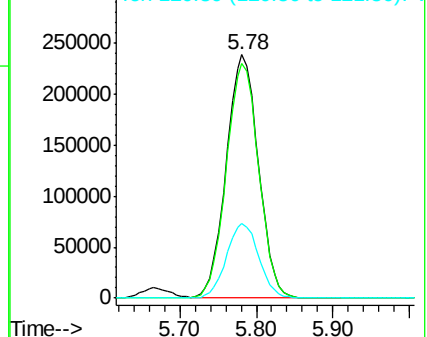
121 30.9 24.4 36.6

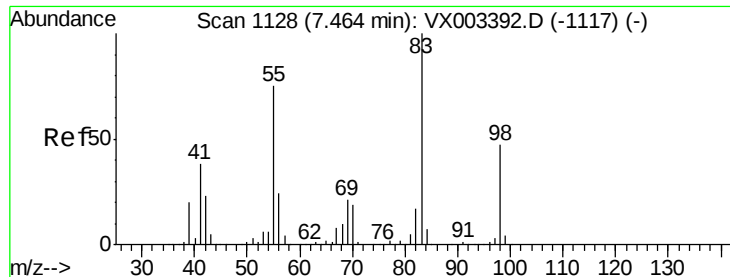


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

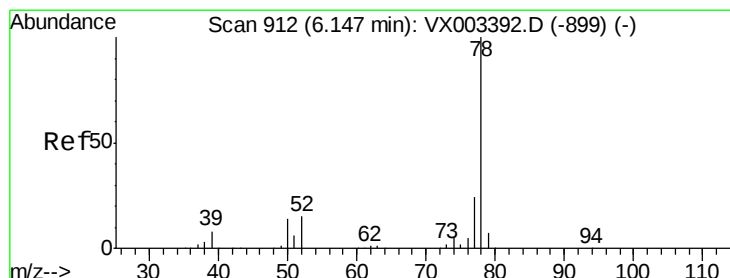
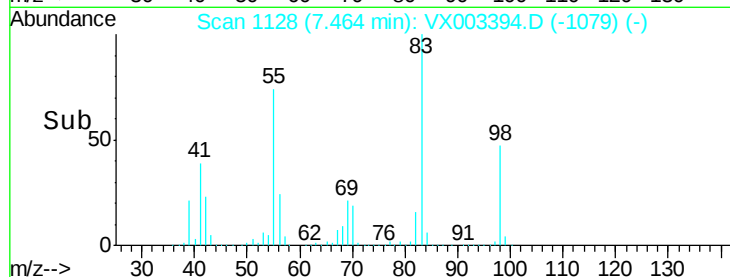
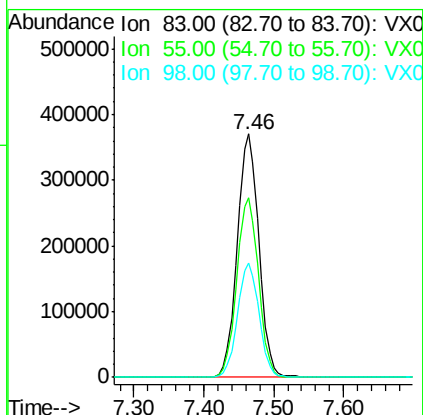
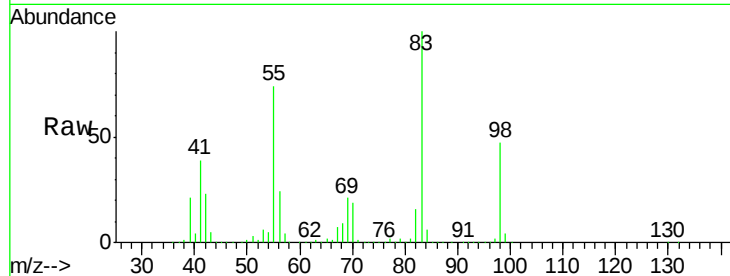




#39
Methylcyclohexane
Concen: 155.309 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

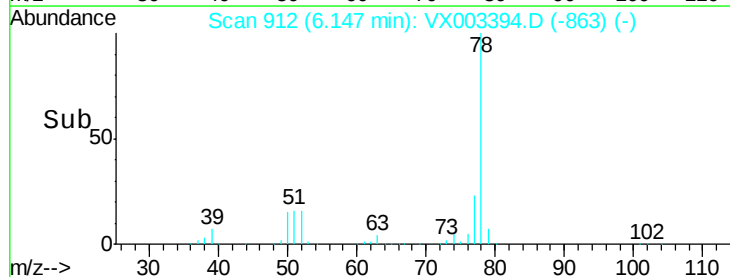
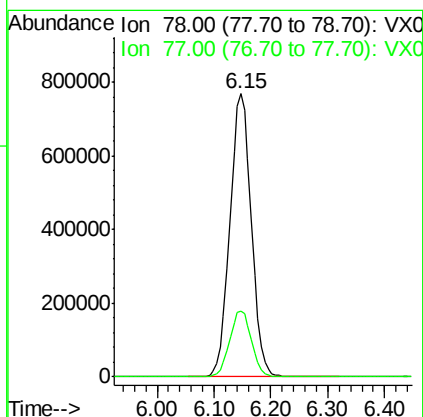
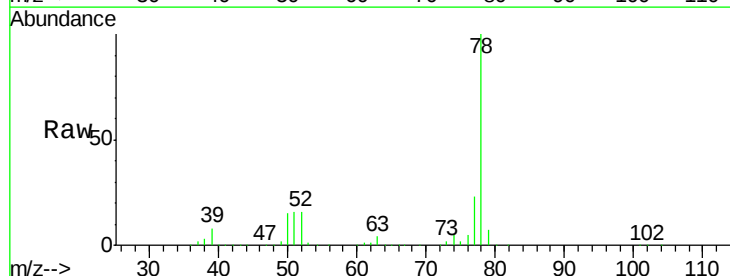
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

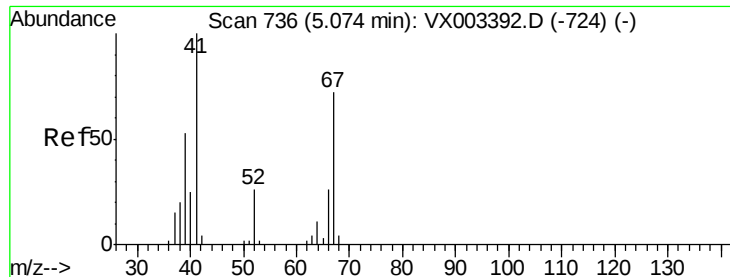
Tgt Ion: 83 Resp: 794118
Ion Ratio Lower Upper
83 100
55 73.9 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 148.811 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 78 Resp: 2022413
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#41

Methacrylonitrile

Concen: 155.354 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 430018

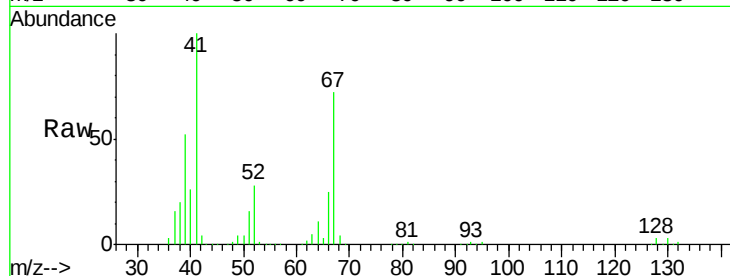
Ion Ratio Lower Upper

41 100

39 53.1 45.8 68.6

67 73.1 51.3 76.9

52 28.5 23.0 34.6

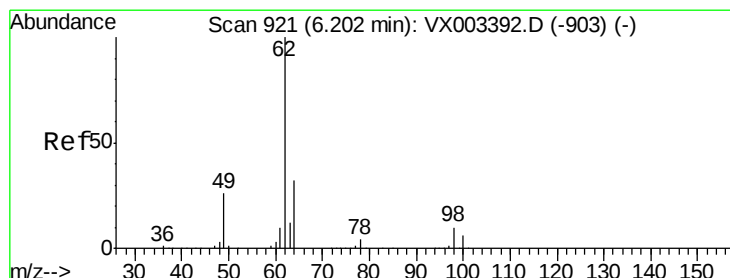
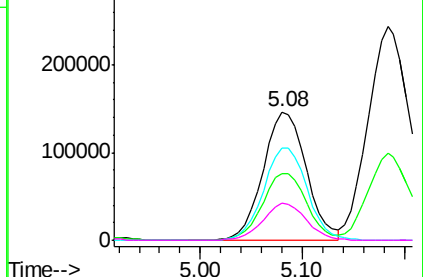
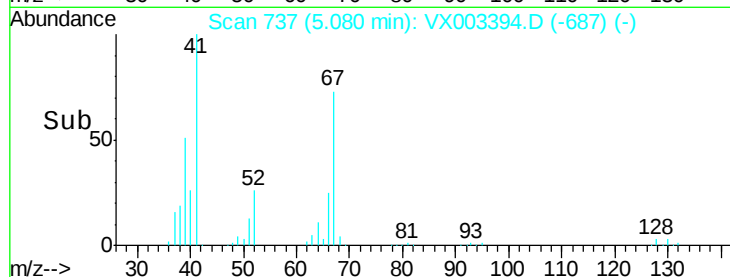


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 147.438 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003394.D

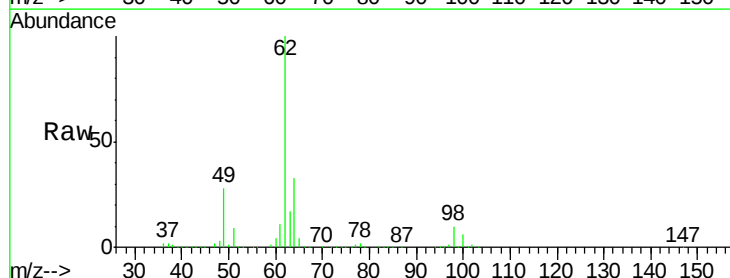
Acq: 16 Jul 2018 12:42

Tgt Ion: 62 Resp: 687170

Ion Ratio Lower Upper

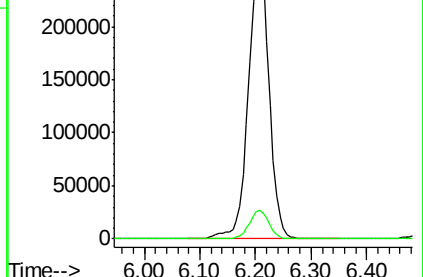
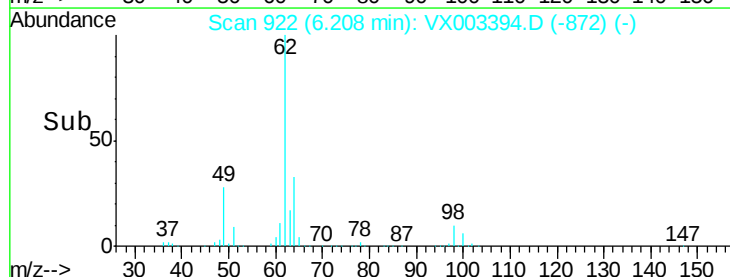
62 100

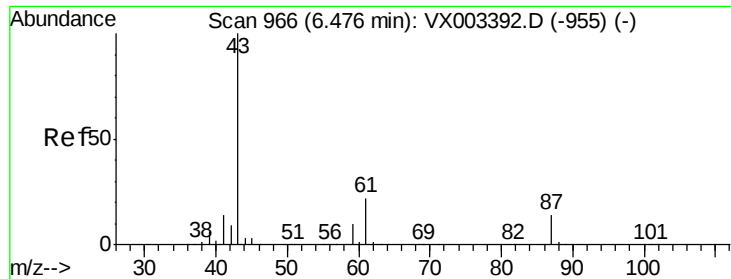
98 9.7 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



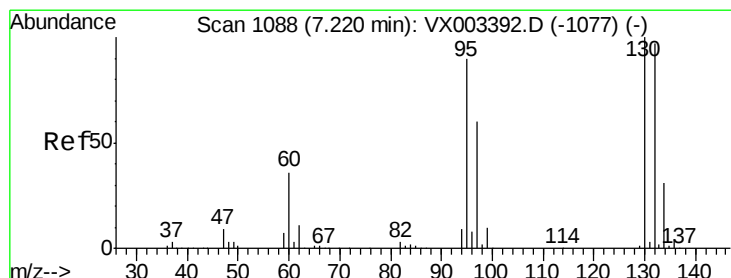
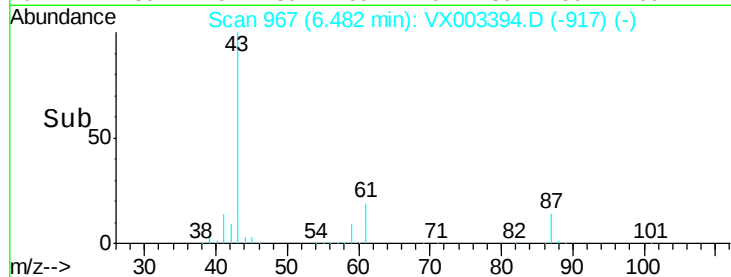
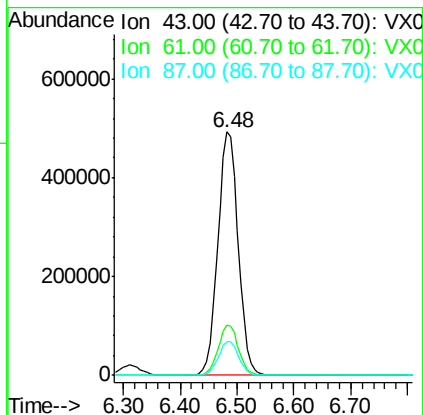
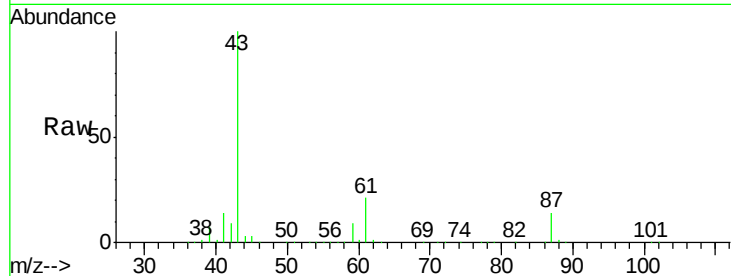


#43

Isopropyl Acetate
 Concen: 159.433 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

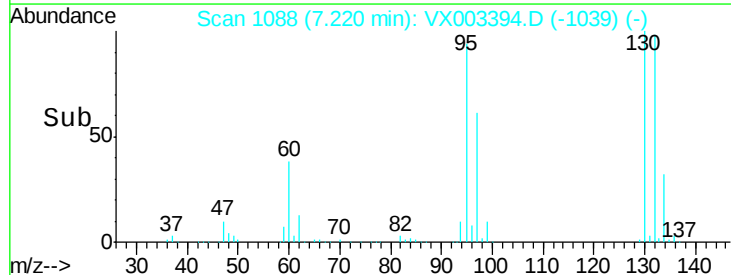
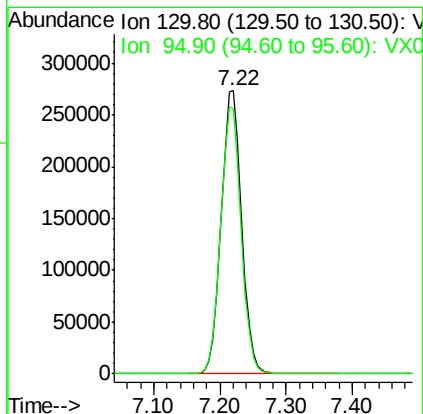
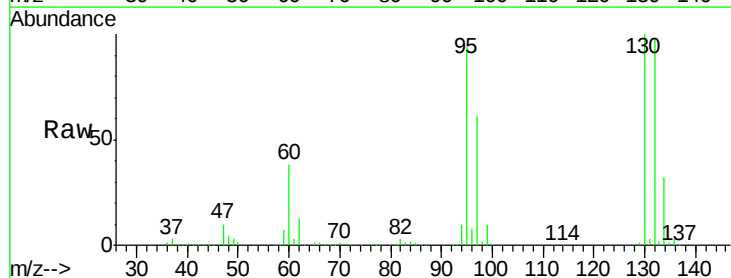
Tgt Ion: 43 Resp: 1211200
 Ion Ratio Lower Upper
 43 100
 61 20.7 14.4 21.6
 87 13.9 9.5 14.3

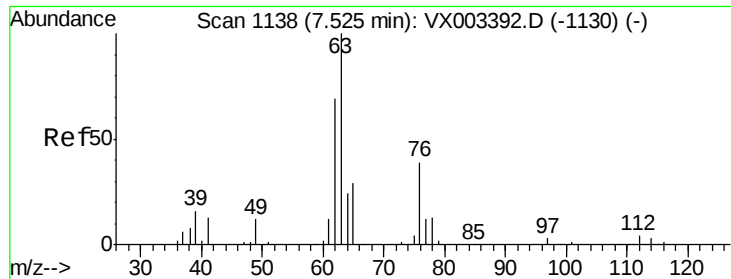


#44

Trichloroethene
 Concen: 148.361 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 130 Resp: 584099
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 185.4

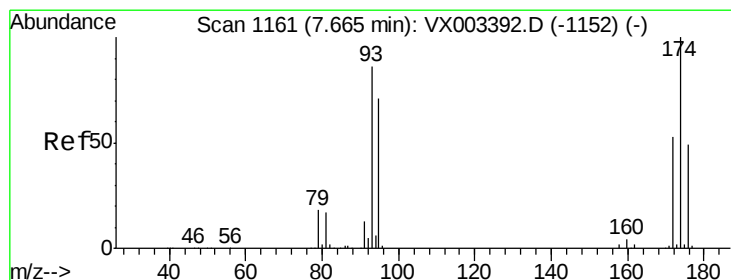
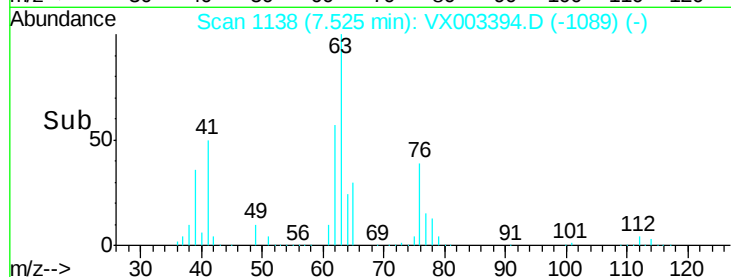
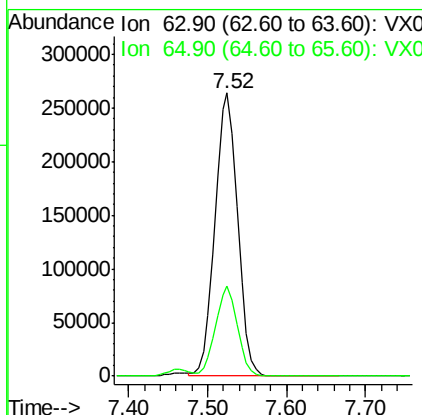
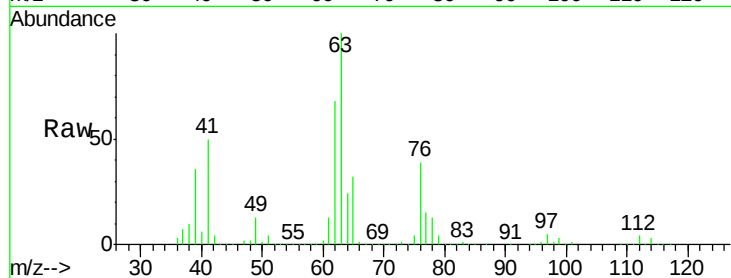




#45
 1,2-Dichloropropane
 Concen: 148.998 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

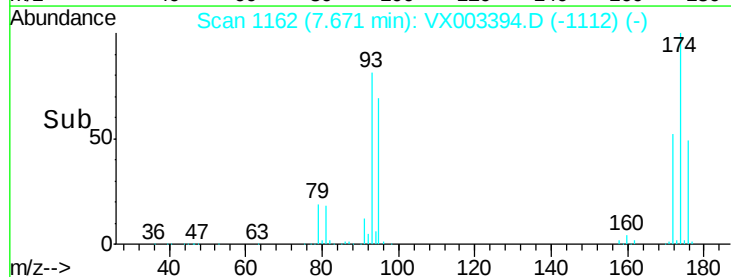
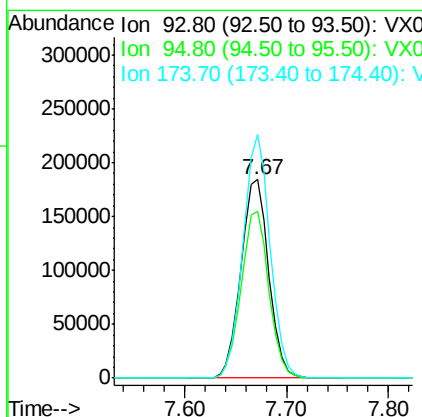
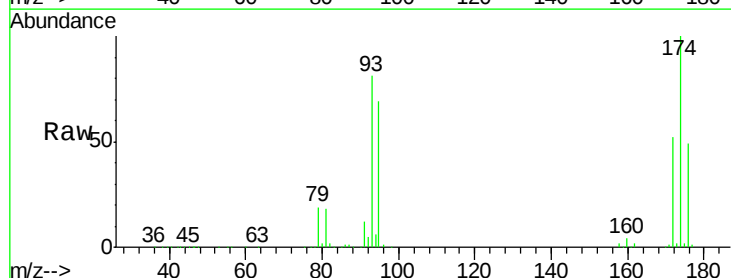
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

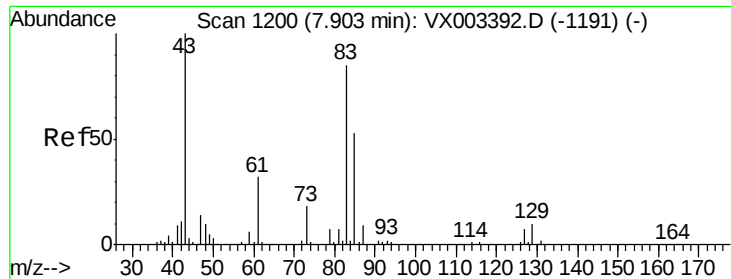
Tgt Ion: 63 Resp: 526749
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1



#46
 Dibromomethane
 Concen: 148.374 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 93 Resp: 349274
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.9 98.9
 174 119.7 92.4 138.6





#47

Bromodichloromethane

Concen: 160.979 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

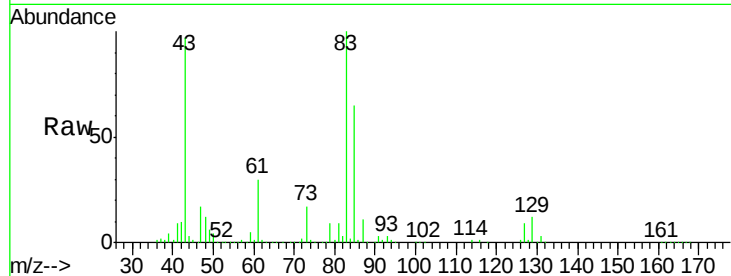
Tgt Ion: 83 Resp: 693941

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

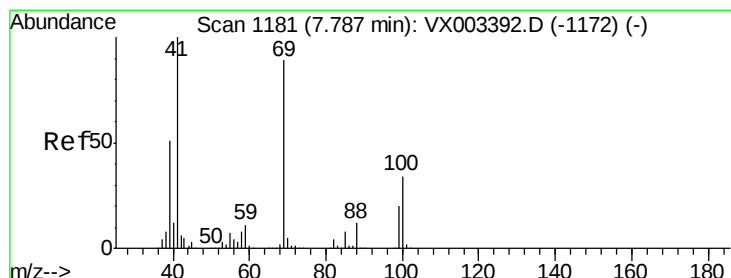
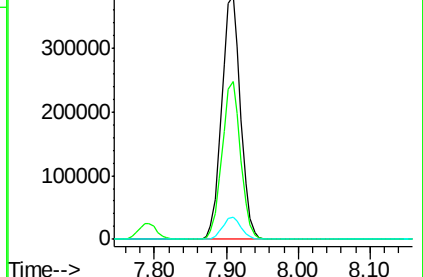
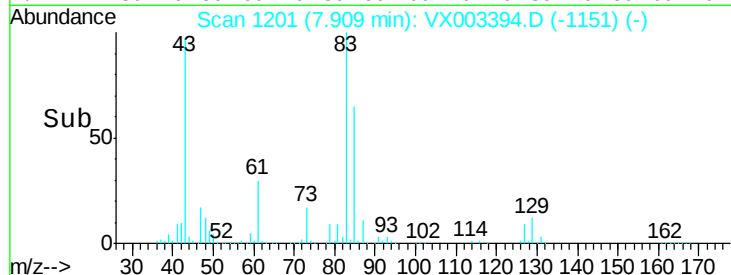
127 9.2 7.0 10.4



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: 165.562 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

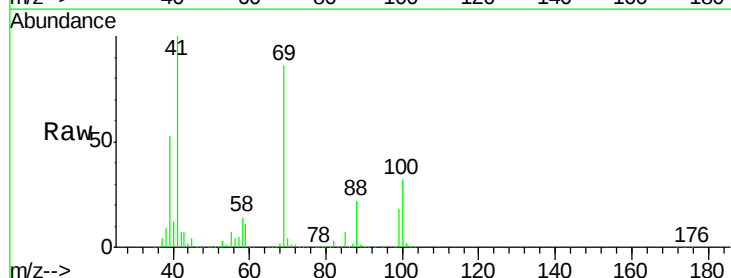
Tgt Ion: 41 Resp: 641676

Ion Ratio Lower Upper

41 100

69 86.5 59.1 88.7

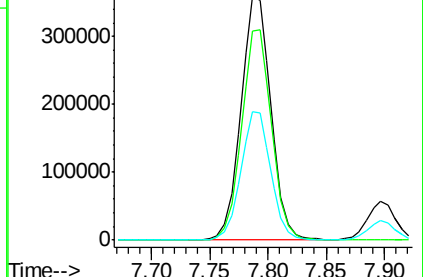
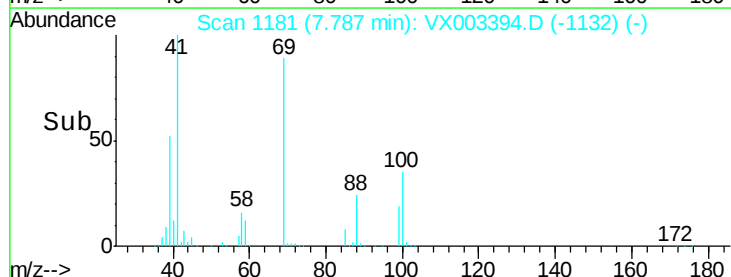
39 52.6 48.9 73.3

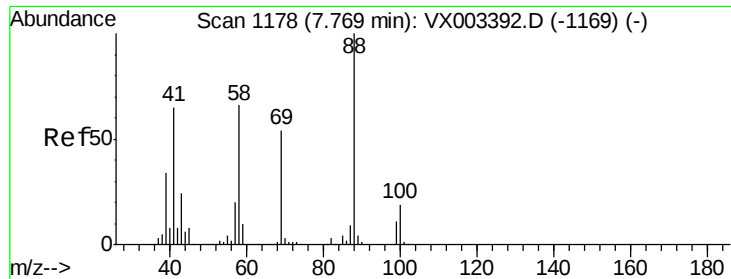


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3177.438 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

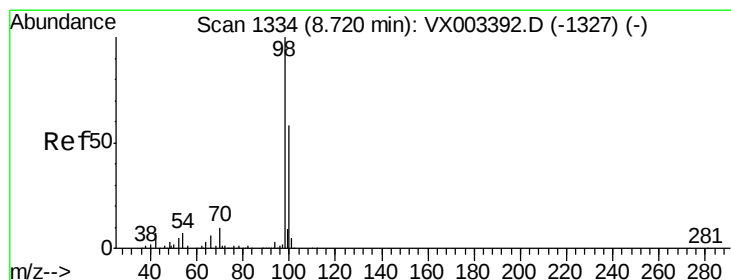
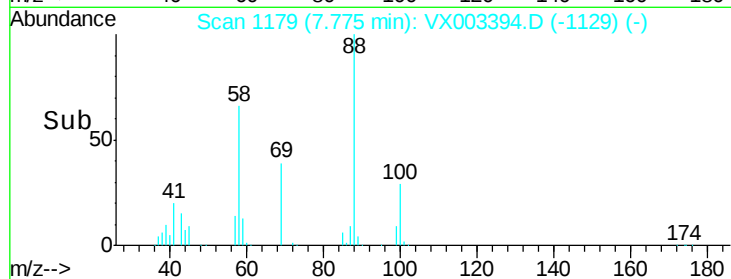
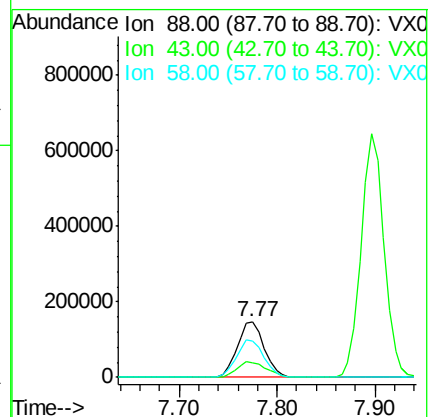
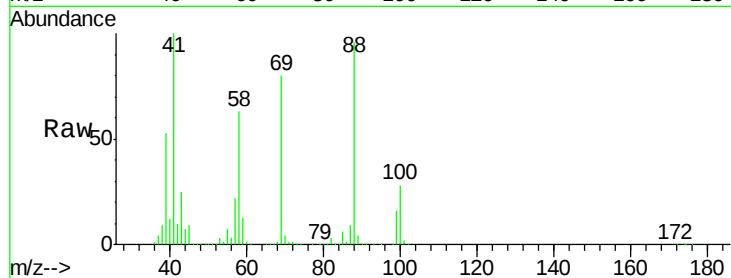
Tgt Ion: 88 Resp: 281964

Ion Ratio Lower Upper

88 100

43 30.4 29.8 44.6

58 68.7 57.1 85.7



#50

Toluene-d8

Concen: 146.294 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003394.D

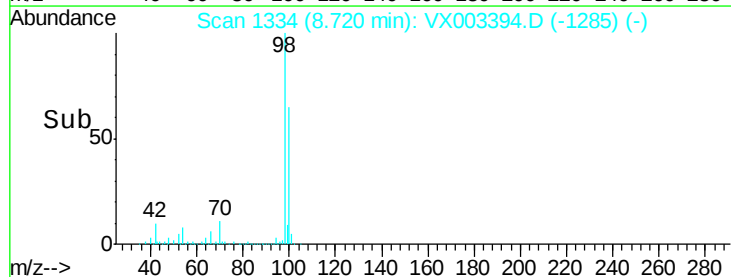
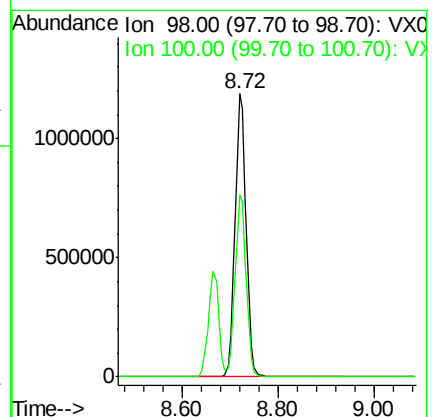
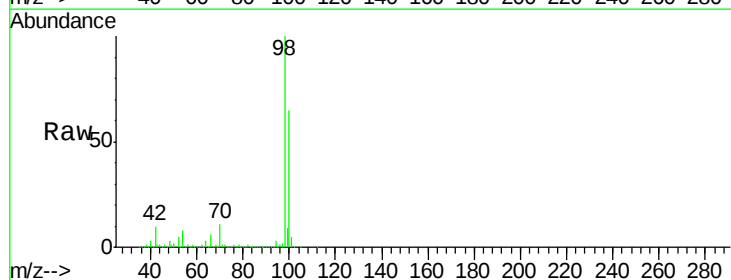
Acq: 16 Jul 2018 12:42

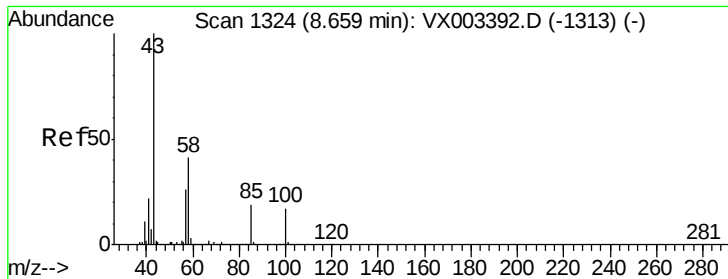
Tgt Ion: 98 Resp: 1926805

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3

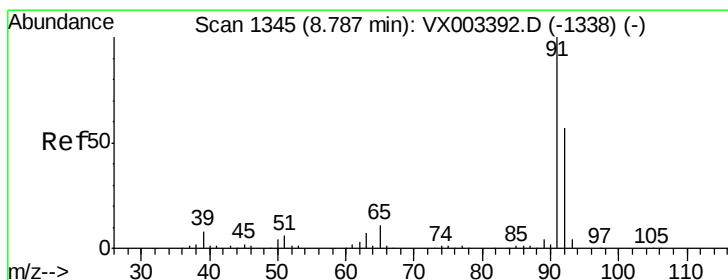
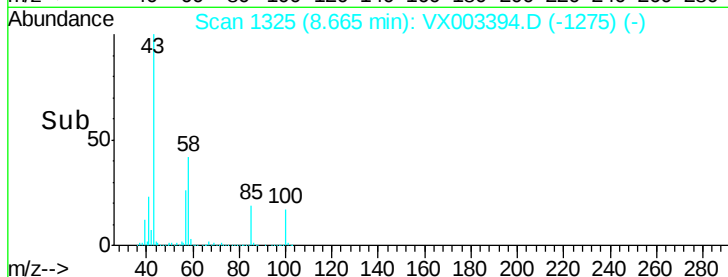
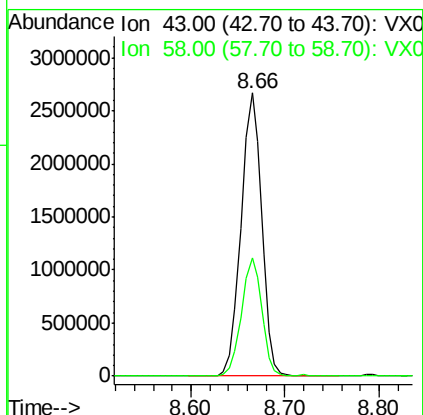
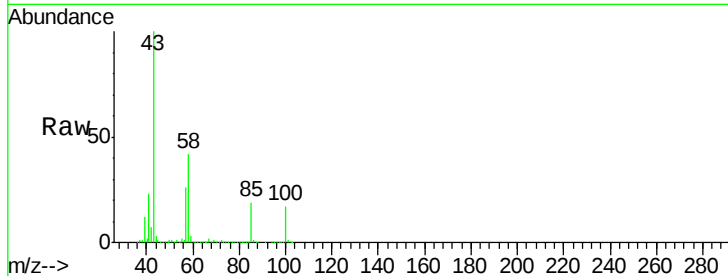




#51
 4-Methyl-2-Pentanone
 Concen: 816.703 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

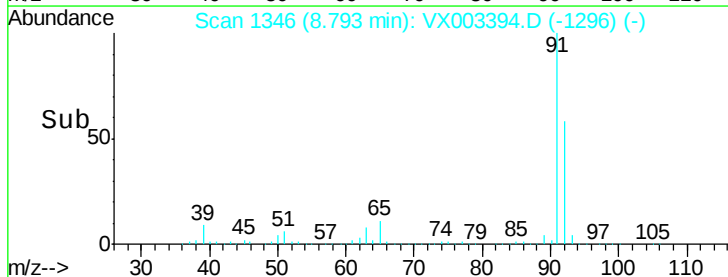
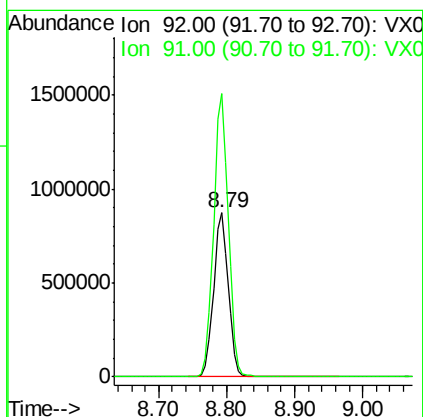
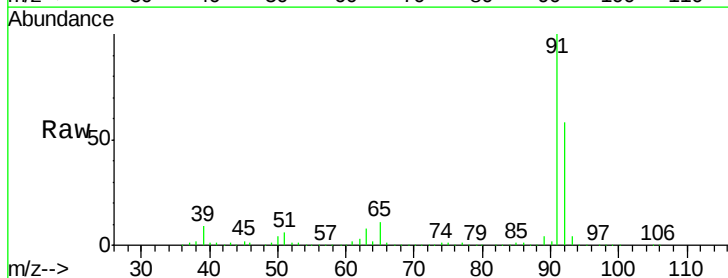
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

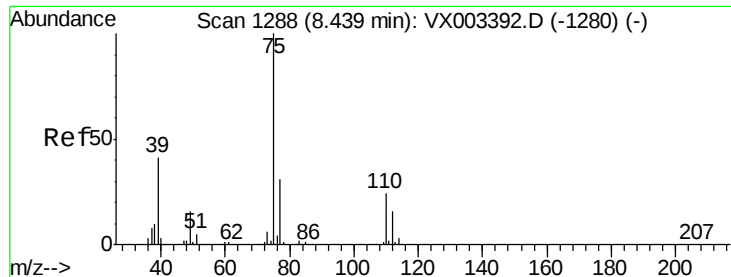
Tgt Ion: 43 Resp: 4084213
 Ion Ratio Lower Upper
 43 100
 58 41.1 28.6 42.8



#52
 Toluene
 Concen: 153.610 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 92 Resp: 1307099
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 165.136 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

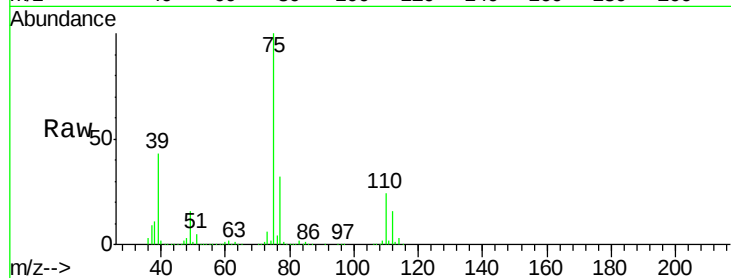
VSTDIC150

Tgt Ion: 75 Resp: 840532

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

600000

500000

400000

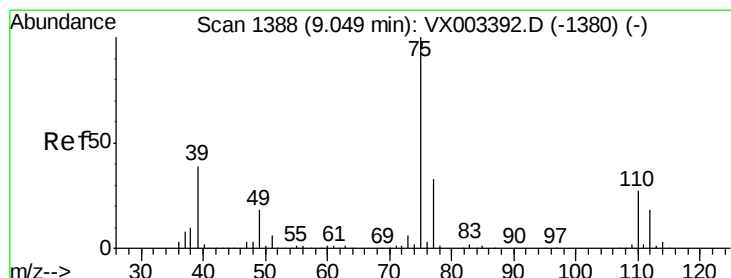
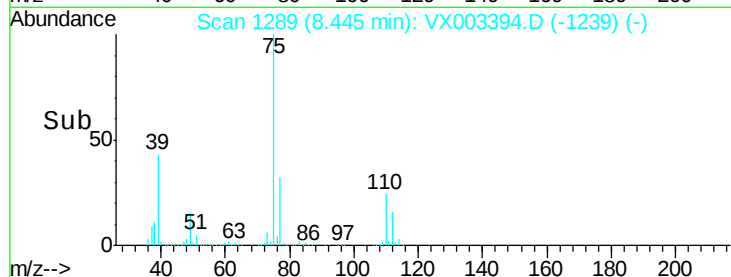
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 171.158 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

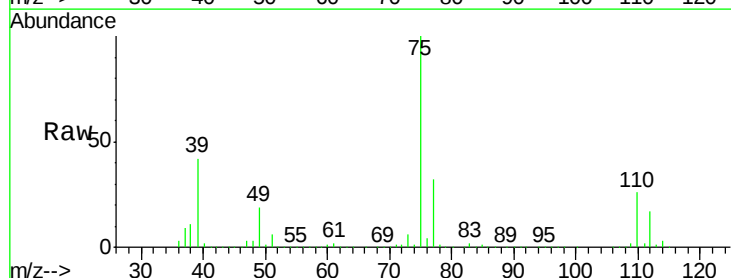
Tgt Ion: 75 Resp: 795076

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 41.8 42.4 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

800000

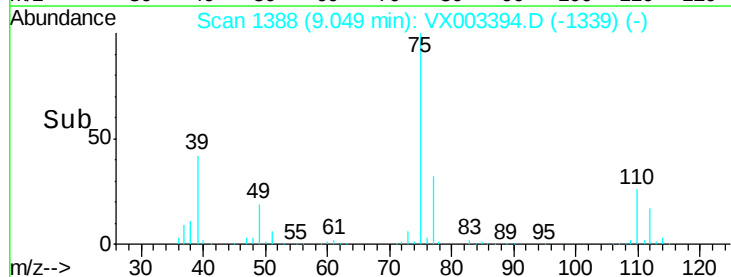
600000

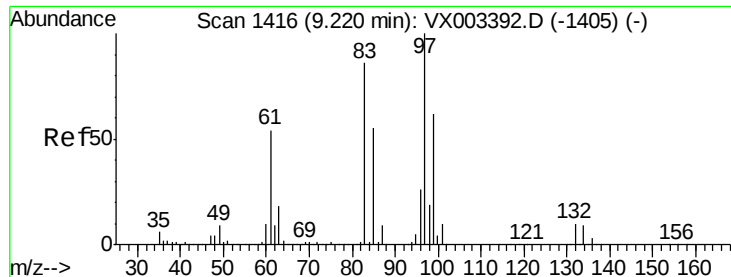
400000

200000

0

Time-->

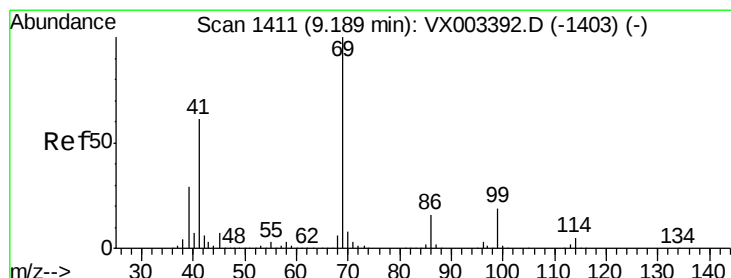
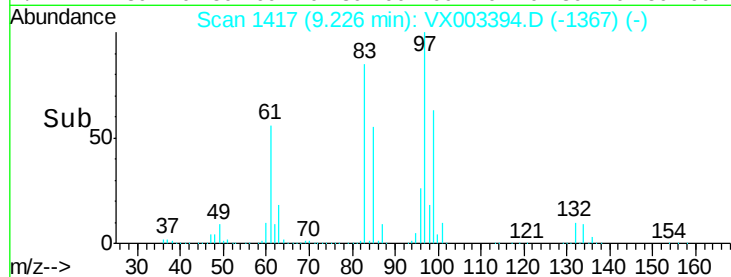
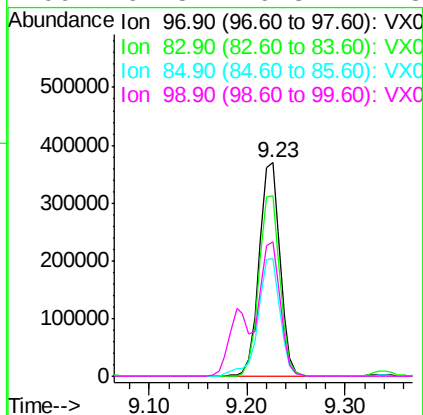
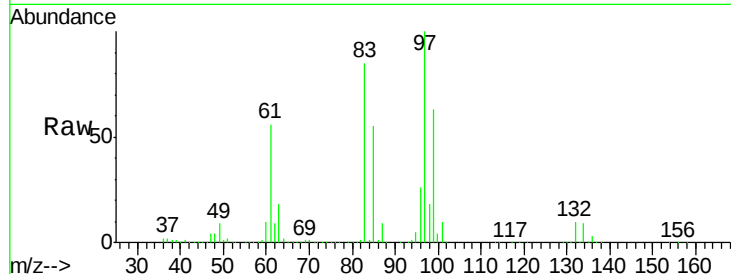




#55
 1,1,2-Trichloroethane
 Concen: 155.053 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

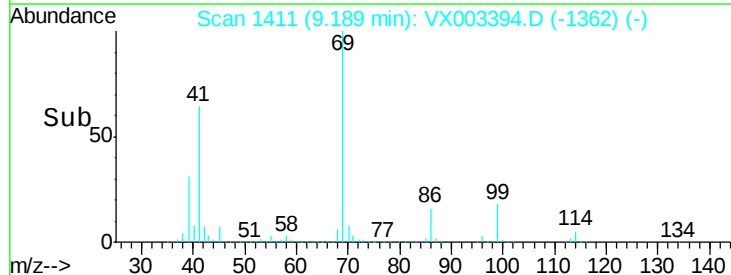
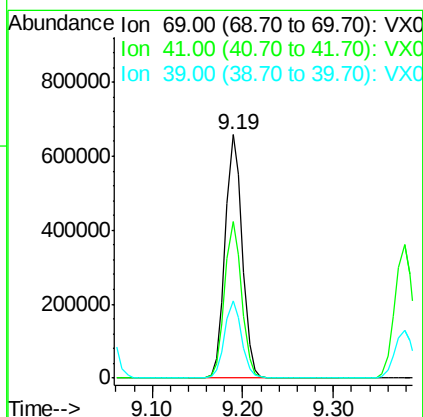
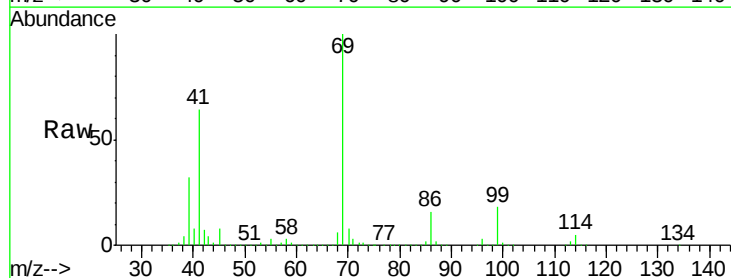
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

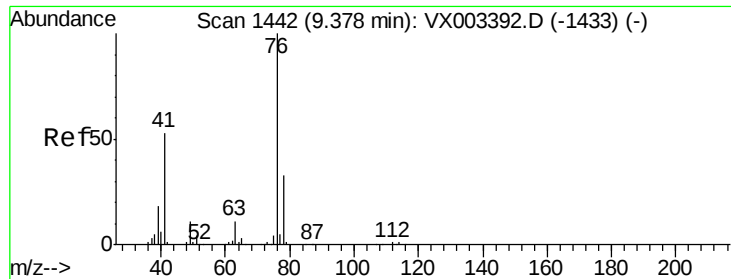
Tgt Ion:	97	Resp:	551236
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	55.2	44.9	67.3
99	62.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 171.920 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion:	69	Resp:	865402
Ion	Ratio	Lower	Upper
69	100		
41	63.9	60.3	90.5
39	31.7	35.8	53.8#

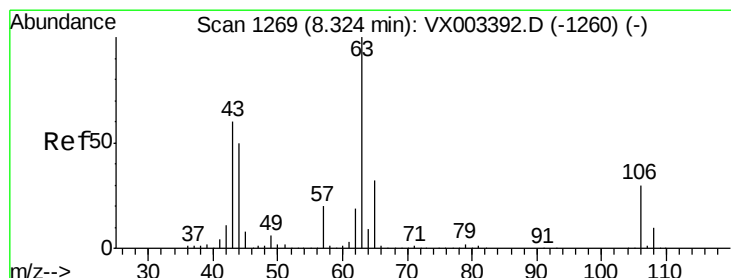
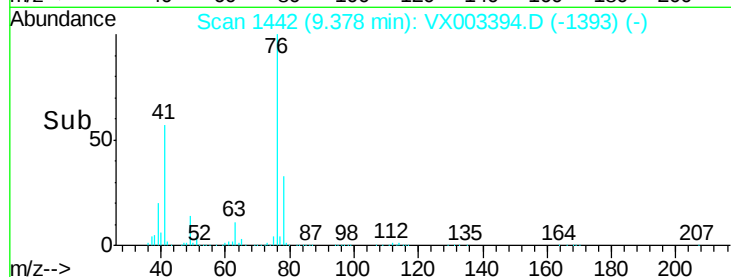
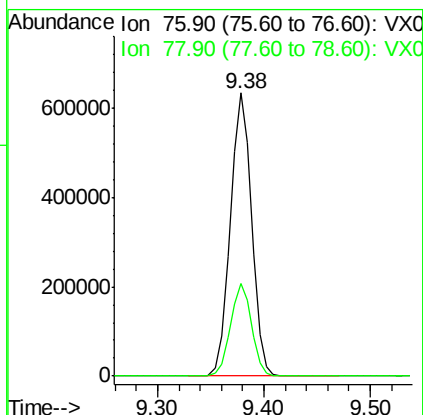
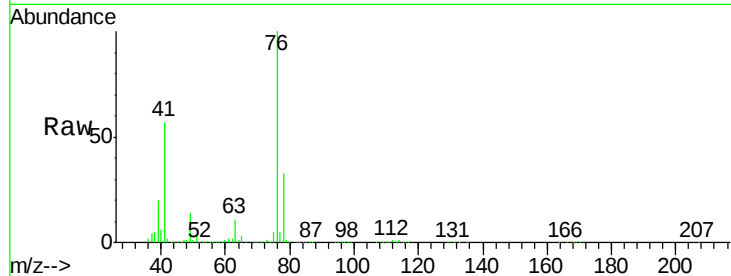




#57
 1,3-Dichloropropane
 Concen: 156.029 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

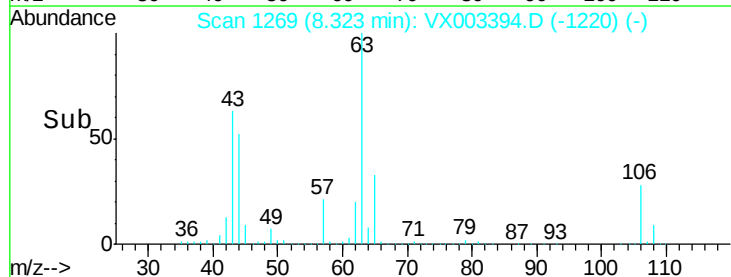
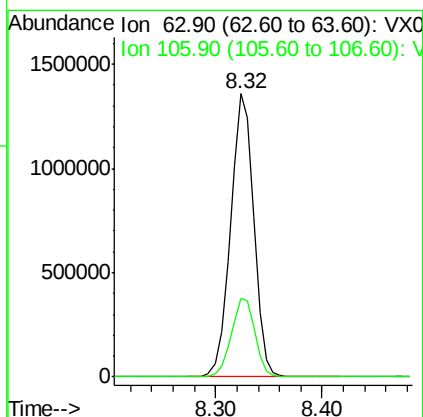
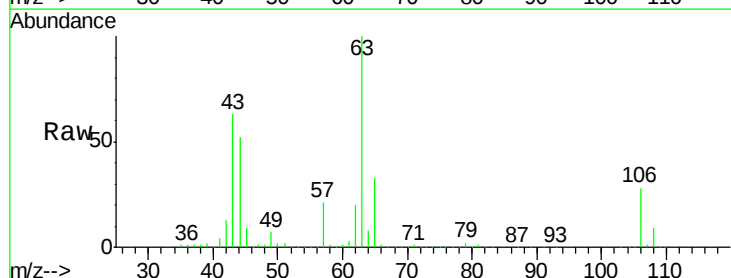
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

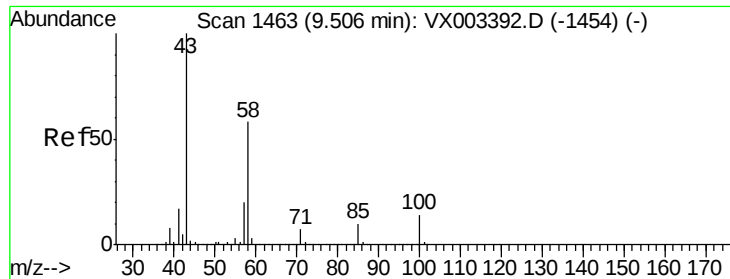
Tgt Ion: 76 Resp: 891293
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 821.599 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion: 63 Resp: 2073842
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

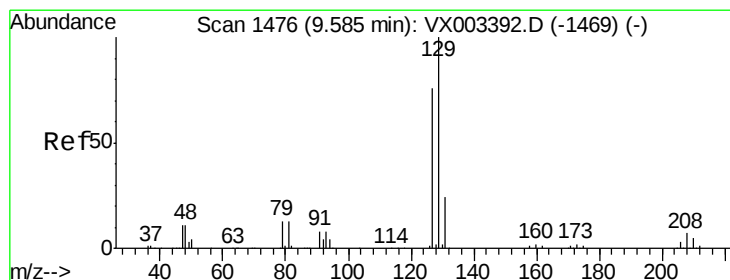
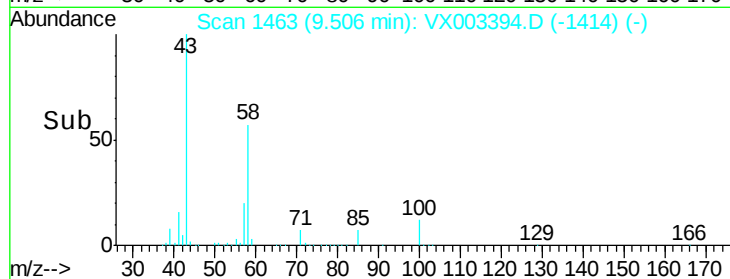
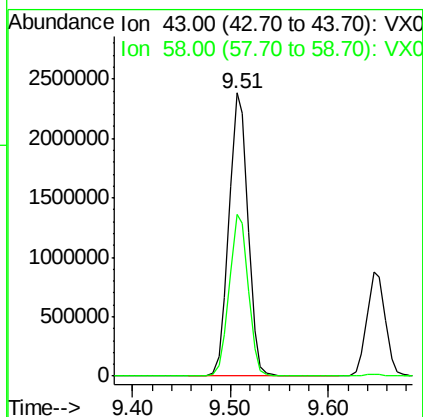
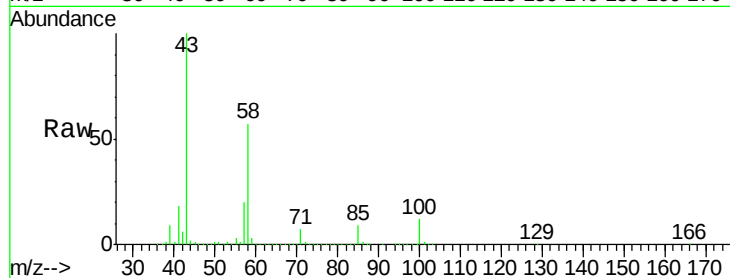




#59
2-Hexanone
Concen: 837.356 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

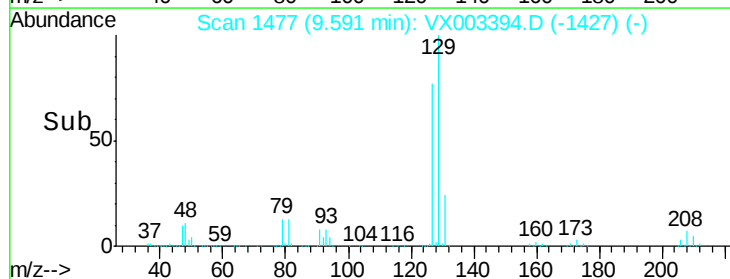
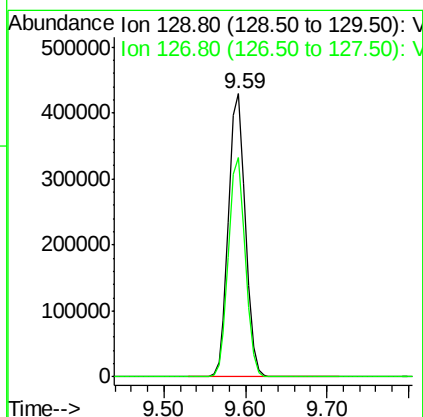
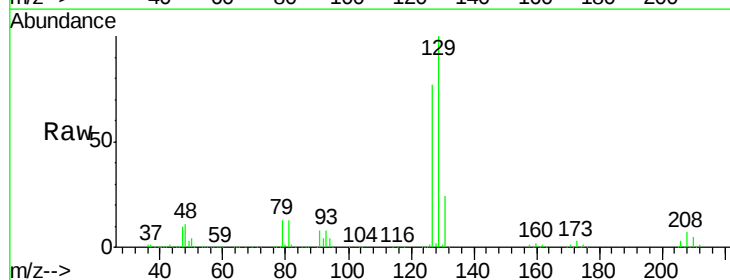
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

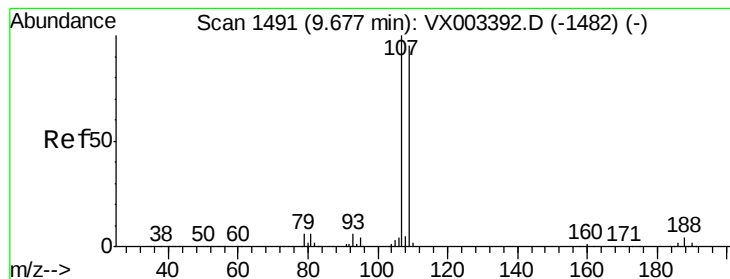
Tgt Ion: 43 Resp: 3217327
Ion Ratio Lower Upper
43 100
58 57.2 24.6 73.6



#60
Dibromochloromethane
Concen: 172.339 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 129 Resp: 608771
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 159.605 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

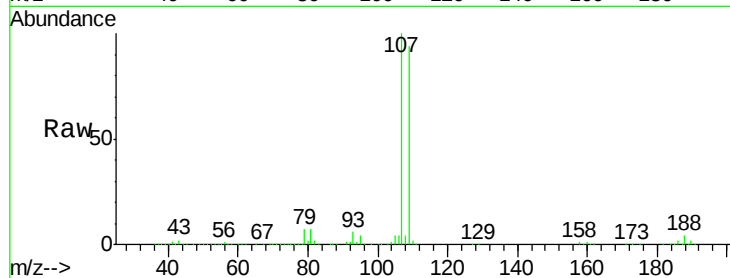
VSTDIC150

Tgt Ion: 107 Resp: 584883

Ion Ratio Lower Upper

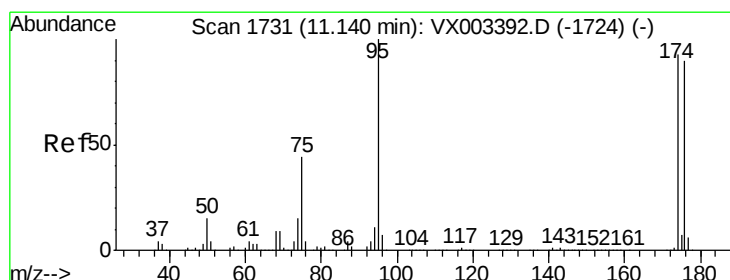
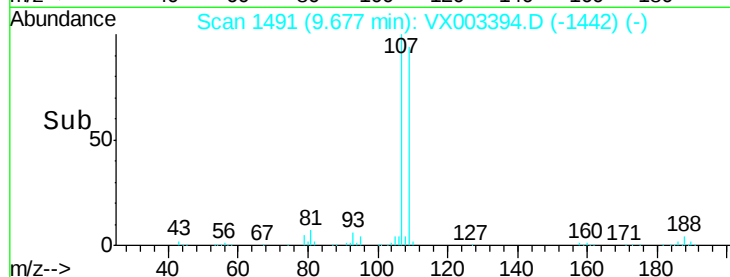
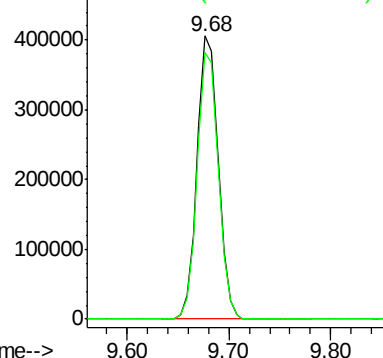
107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 157.733 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

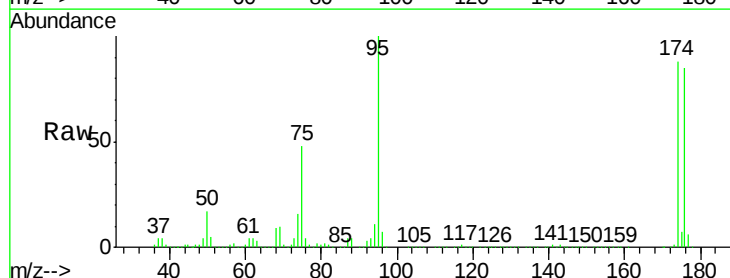
Tgt Ion: 95 Resp: 741715

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

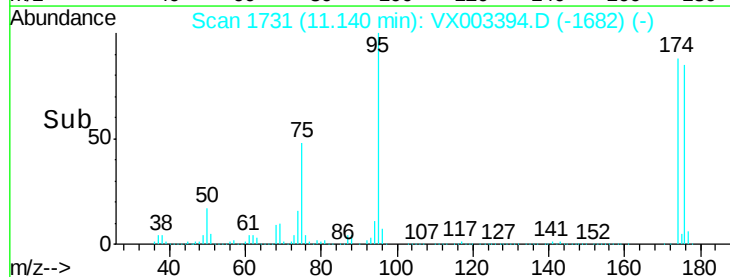
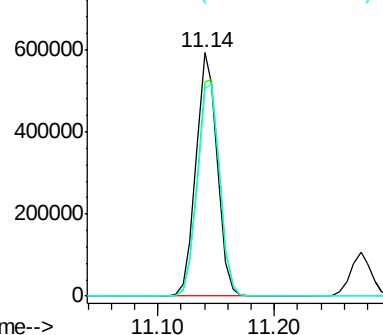
176 91.6 0.0 181.0

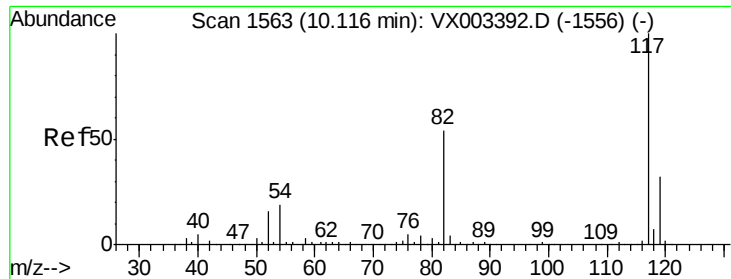


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

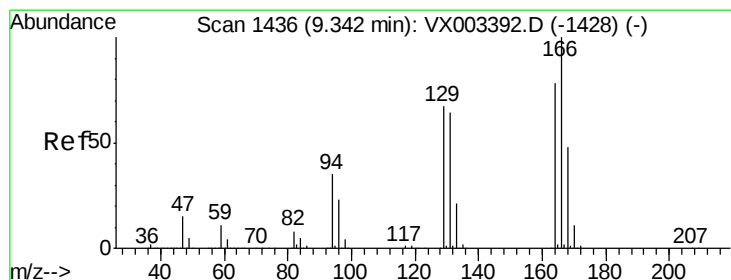
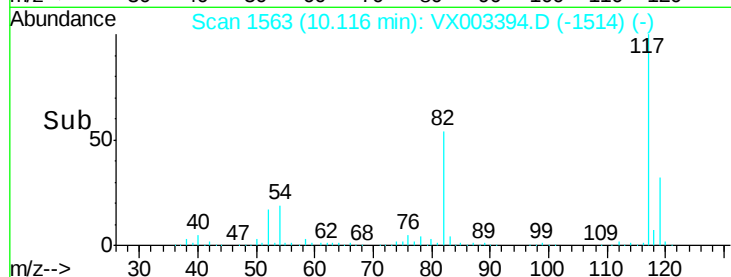
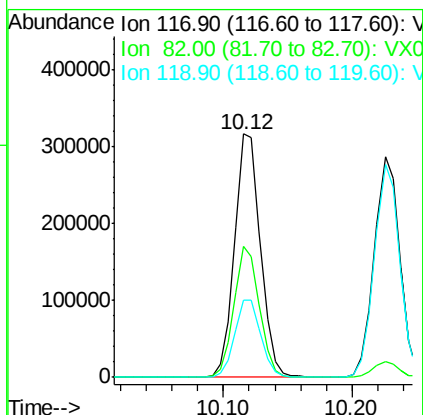
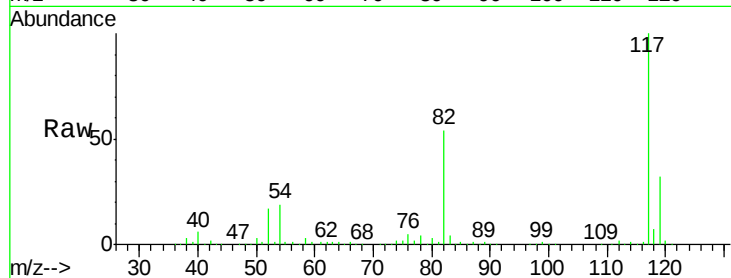




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

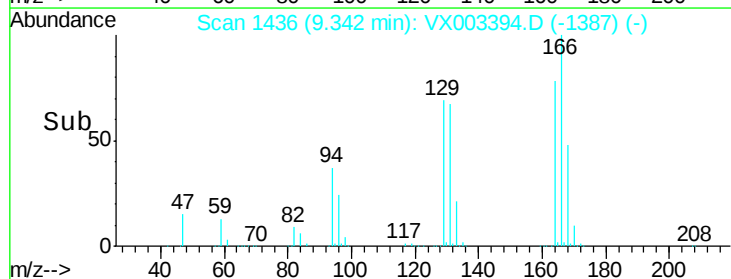
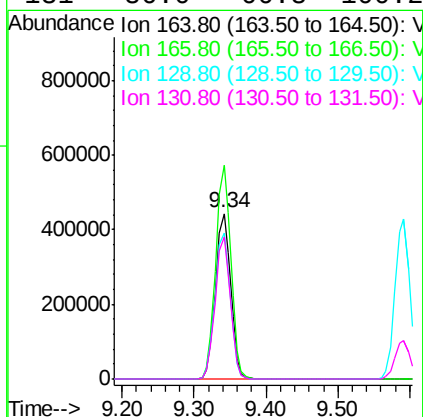
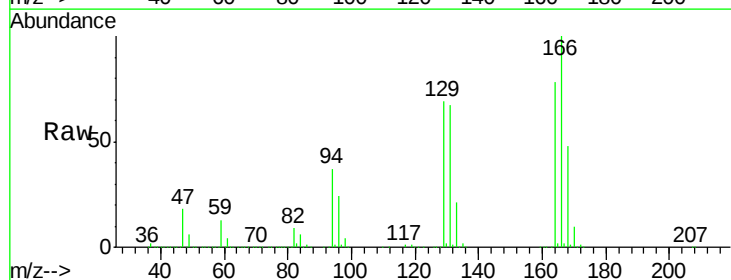
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

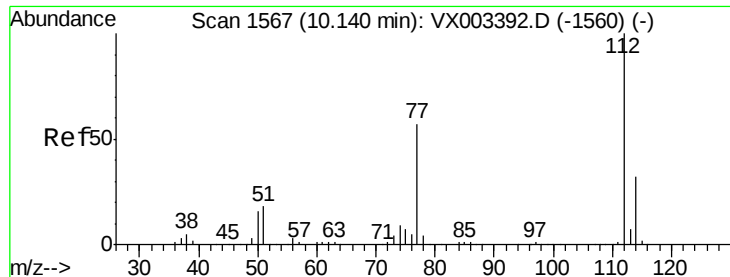
Tgt Ion:117 Resp: 443535
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 140.016 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion:164 Resp: 649718
Ion Ratio Lower Upper
164 100
166 128.9 102.9 154.3
129 88.4 68.6 102.8
131 86.0 66.8 100.2

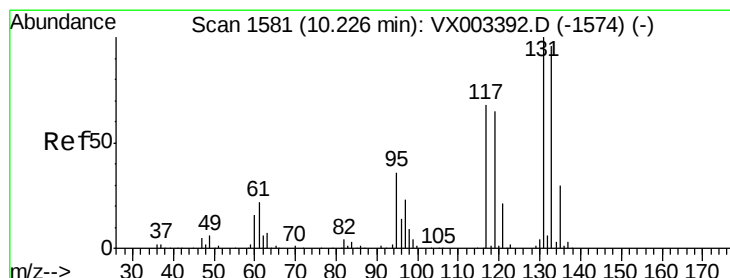
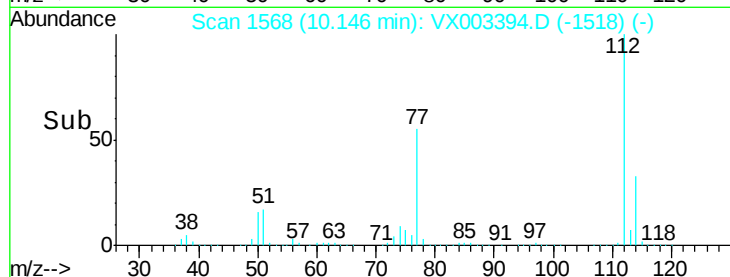
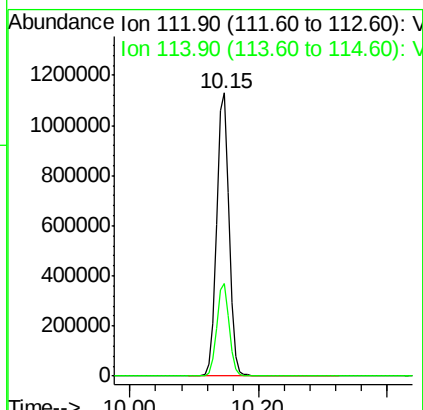
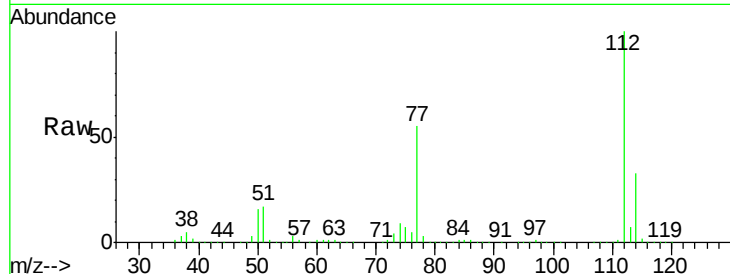




#65
Chlorobenzene
Concen: 147.290 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

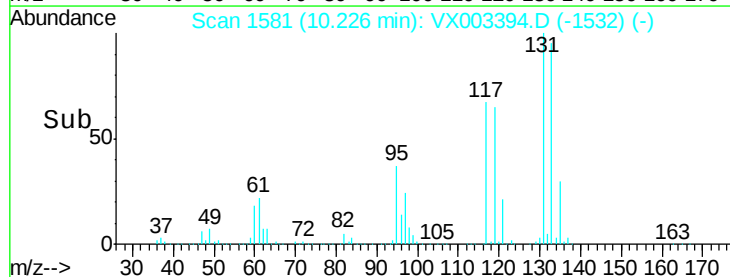
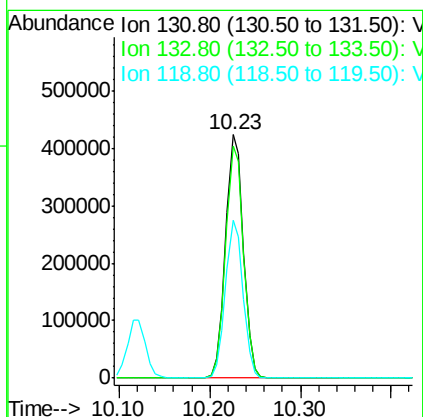
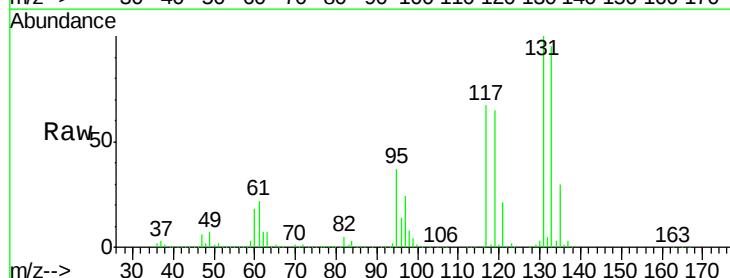
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

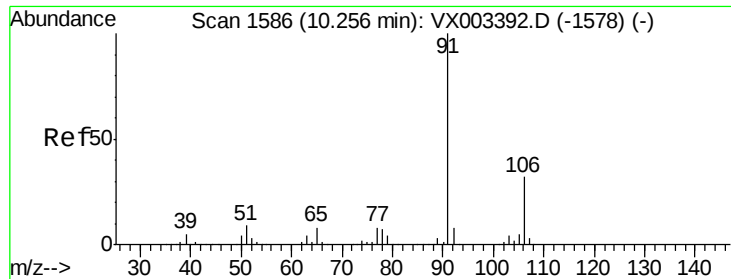
Tgt Ion:112 Resp: 1543260
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 154.805 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion:131 Resp: 576569
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.6 31.8 95.3





#67

Ethyl Benzene

Concen: 152.019 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

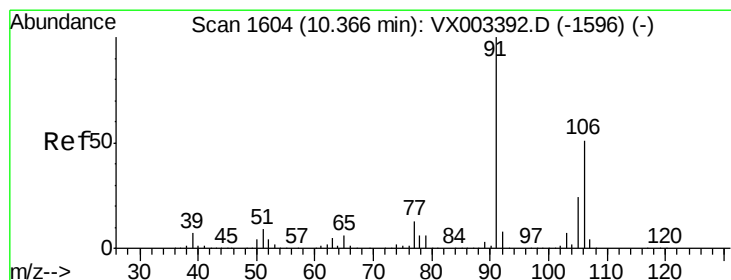
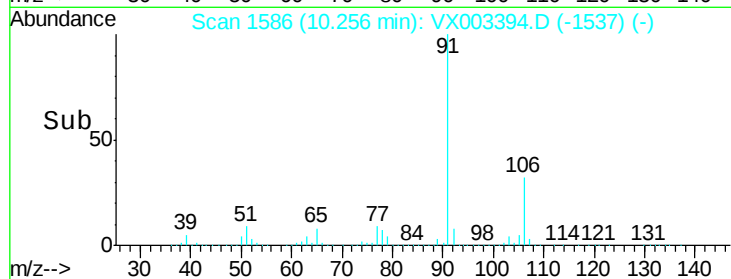
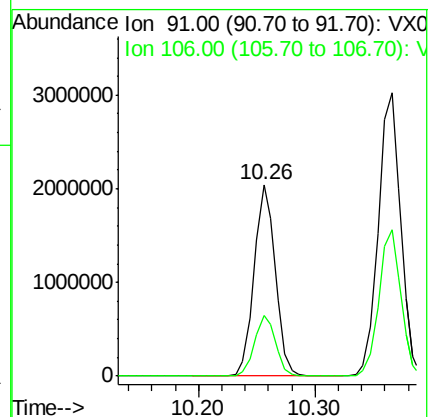
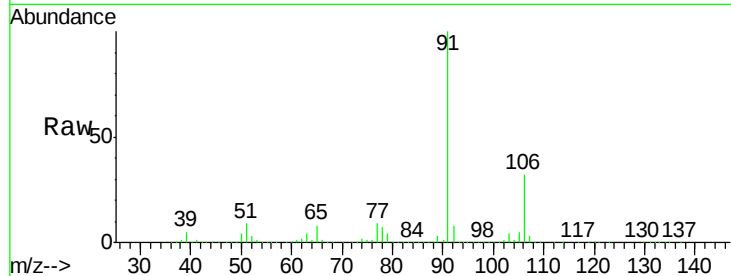
VSTDIC150

Tgt Ion: 91 Resp: 2603324

Ion Ratio Lower Upper

91 100

106 31.7 25.5 38.3



#68

m/p-Xylenes

Concen: 311.755 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX003394.D

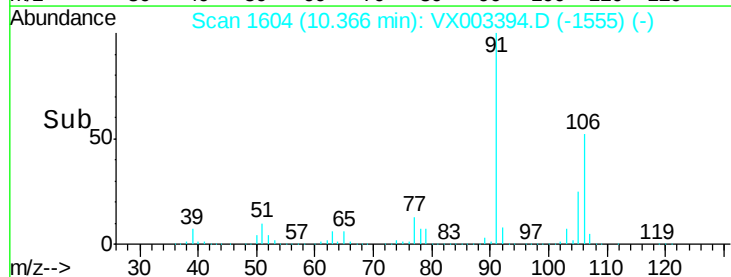
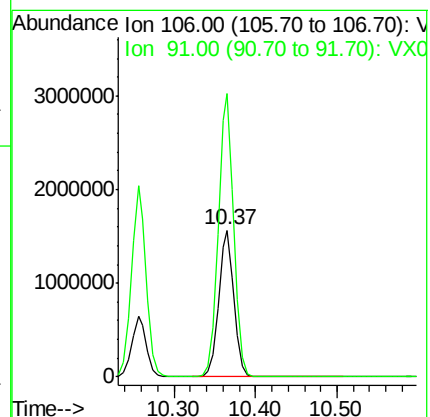
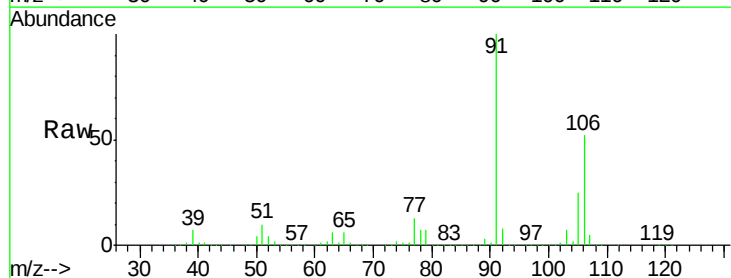
Acq: 16 Jul 2018 12:42

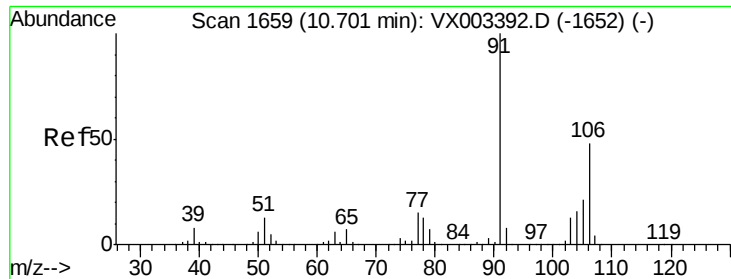
Tgt Ion: 106 Resp: 2065158

Ion Ratio Lower Upper

106 100

91 195.8 163.4 245.2

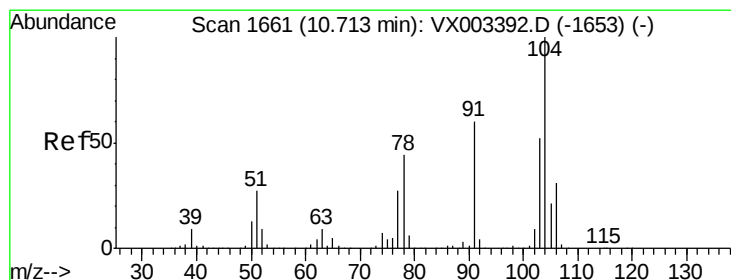
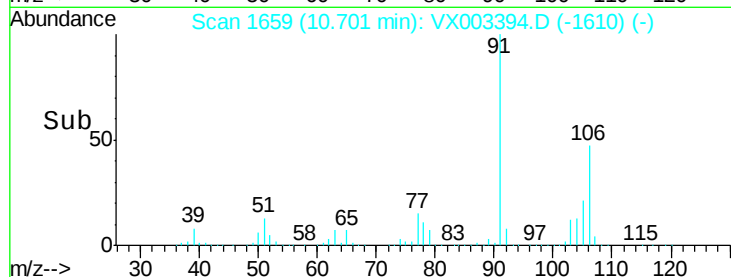
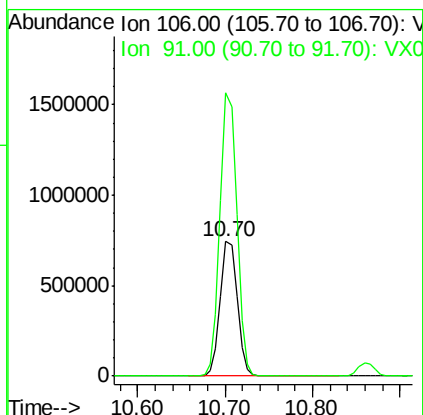
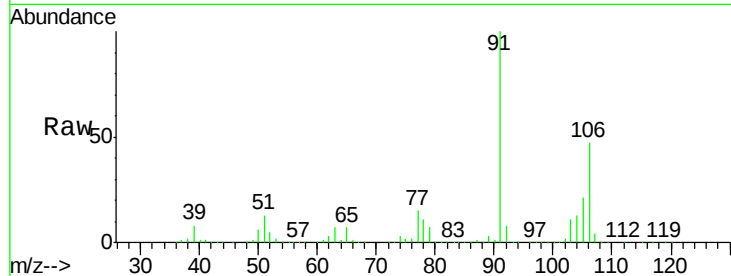




#69
o-Xylene
Concen: 157.570 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

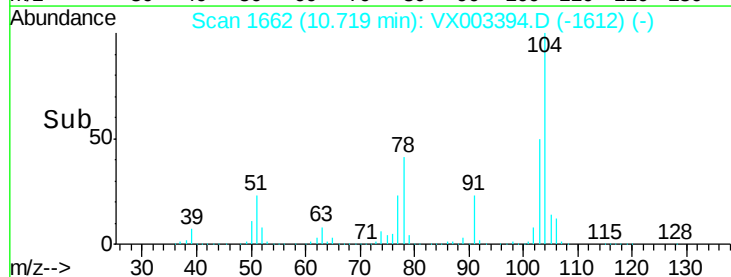
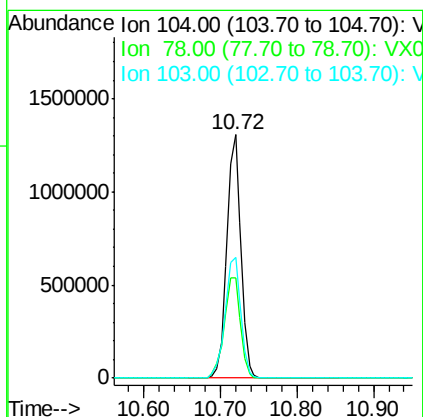
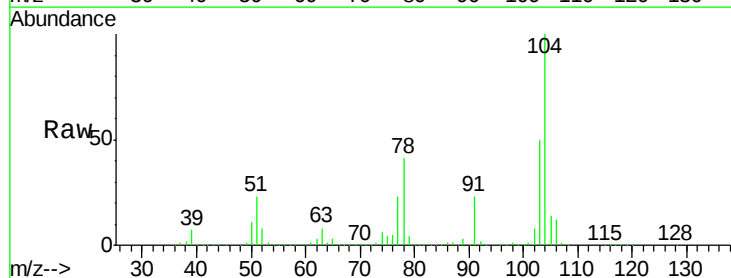
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

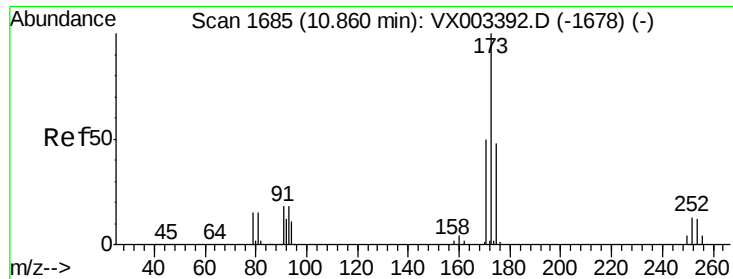
Tgt Ion:106 Resp: 1002564
Ion Ratio Lower Upper
106 100
91 209.3 108.2 324.6



#70
Styrene
Concen: 159.003 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion:104 Resp: 1664960
Ion Ratio Lower Upper
104 100
78 47.9 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 170.506 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

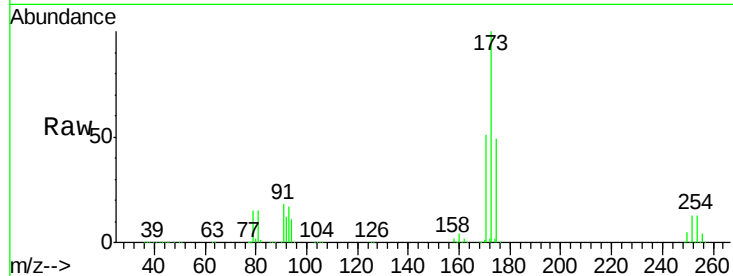
Tgt Ion:173 Resp: 510845

Ion Ratio Lower Upper

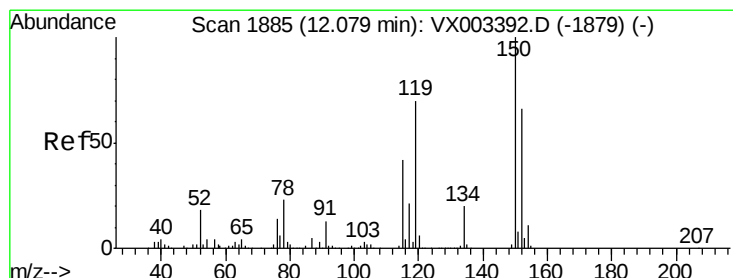
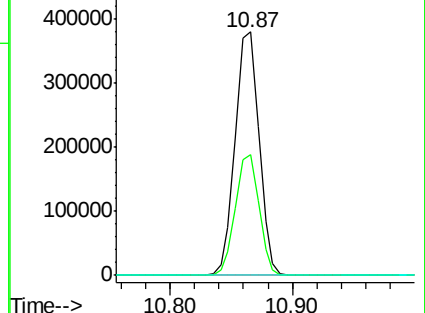
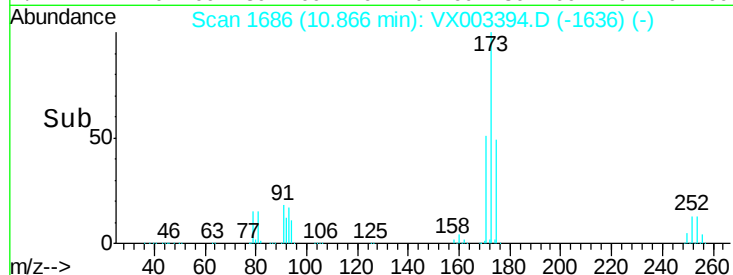
173 100

175 49.1 24.7 74.1

254 0.2 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# 1886

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

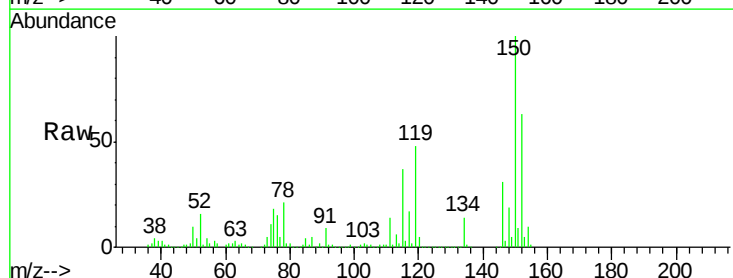
Tgt Ion:152 Resp: 276551

Ion Ratio Lower Upper

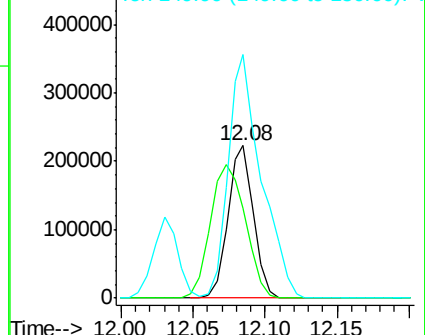
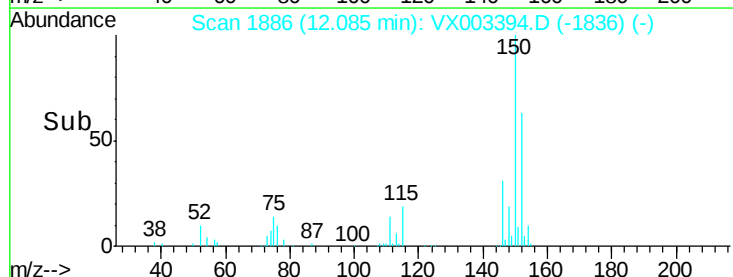
152 100

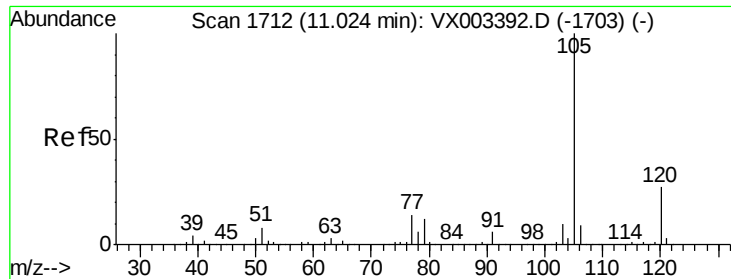
115 119.5 40.1 120.2

150 206.3 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.157 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

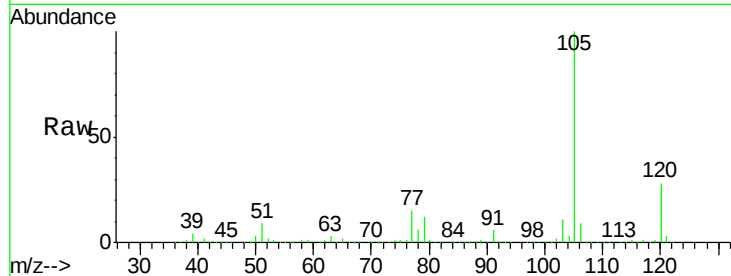
VSTDICC150

Tgt Ion:105 Resp: 2623469

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

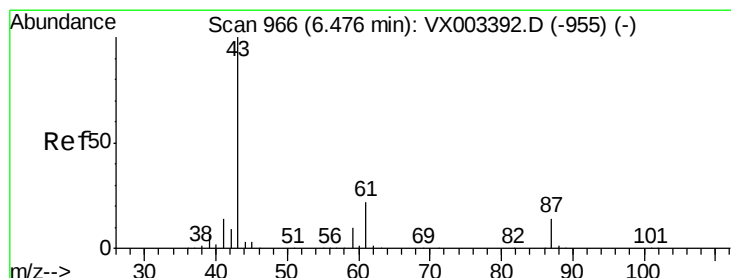
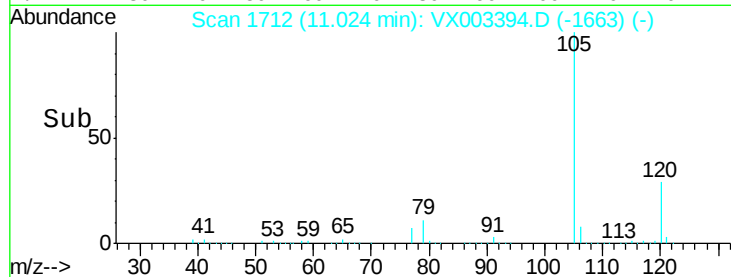
500000

0

11.02

10.90 11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 142.230 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Tgt Ion: 43 Resp: 1211200

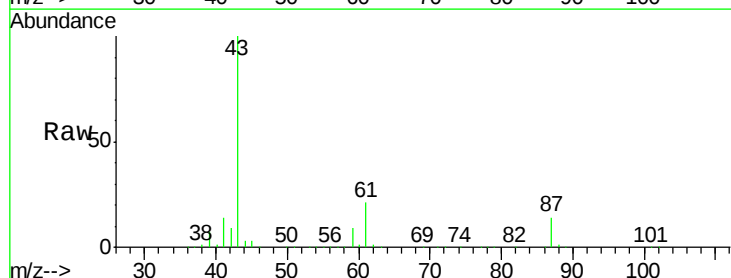
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.7 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

400000

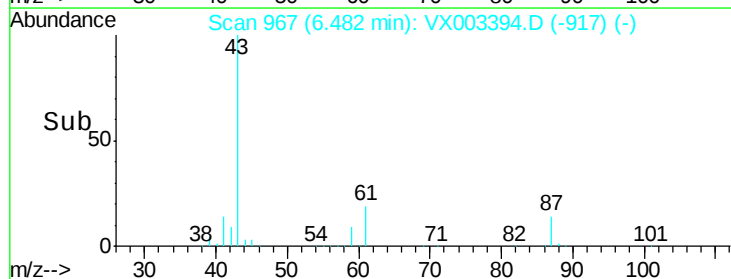
200000

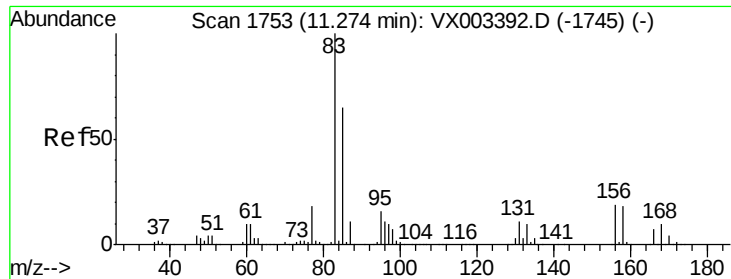
0

6.48

6.30 6.40 6.50 6.60 6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 146.442 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

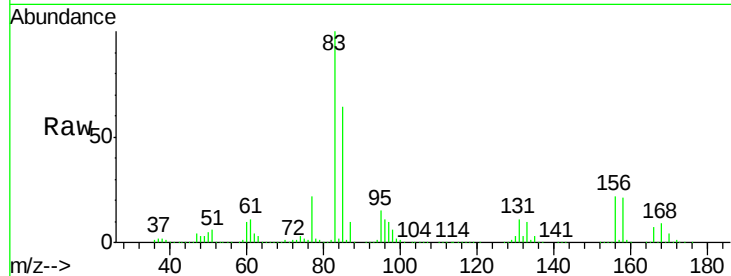
Tgt Ion: 83 Resp: 855976

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

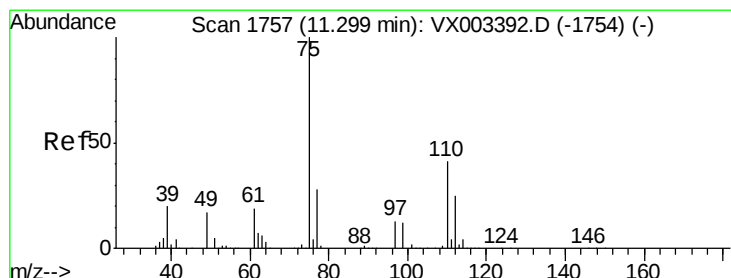
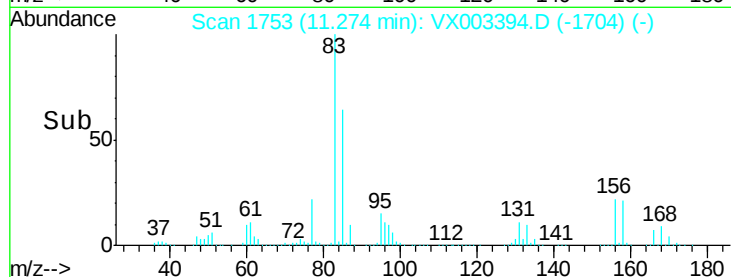
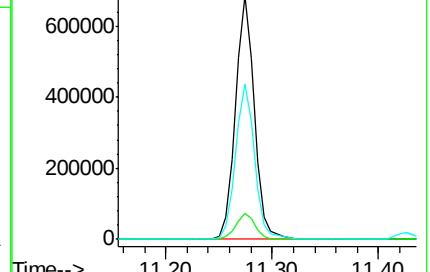
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 204.652 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VX003394.D

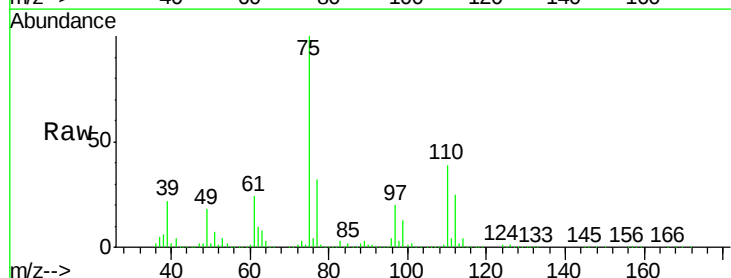
Acq: 16 Jul 2018 12:42

Tgt Ion: 75 Resp: 1024596

Ion Ratio Lower Upper

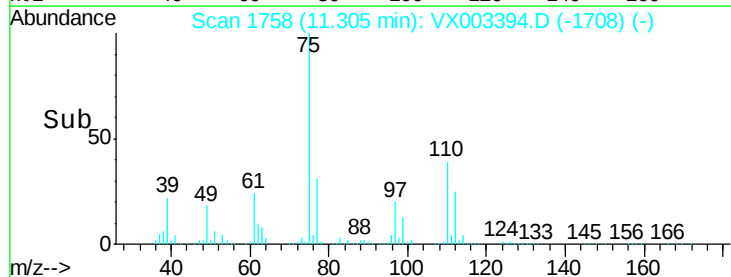
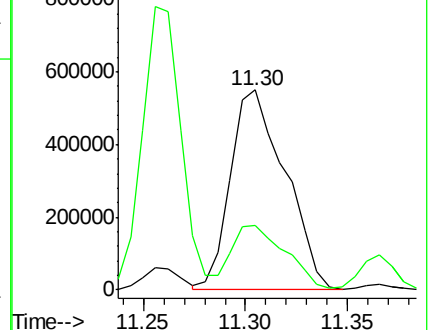
75 100

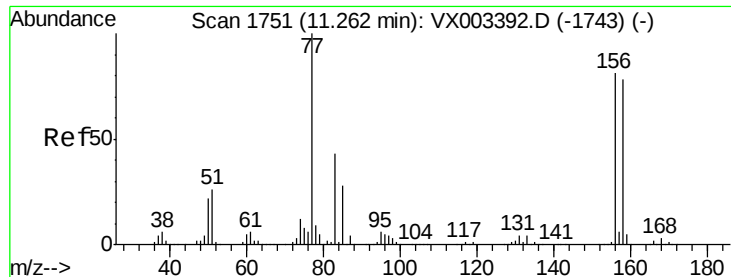
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 145.692 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

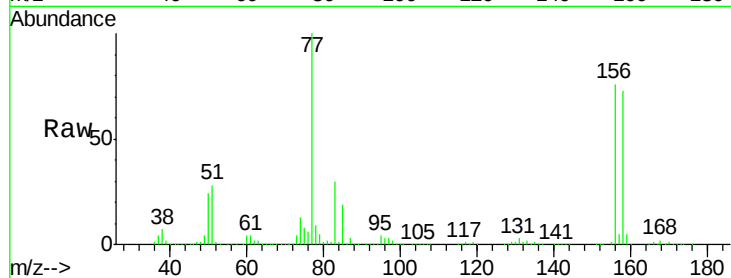
Tgt Ion:156 Resp: 732719

Ion Ratio Lower Upper

156 100

77 139.1 71.4 214.2

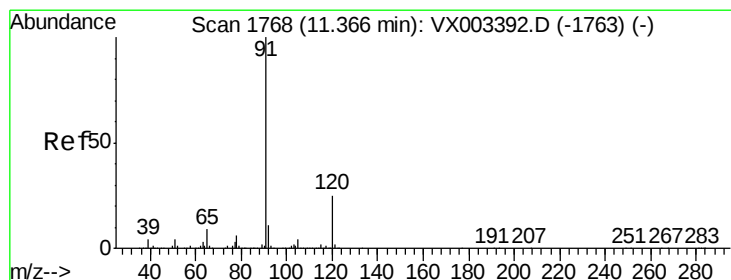
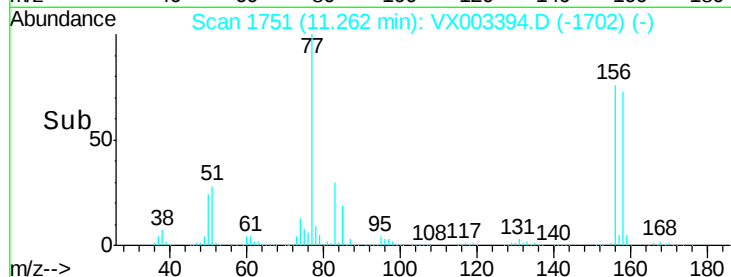
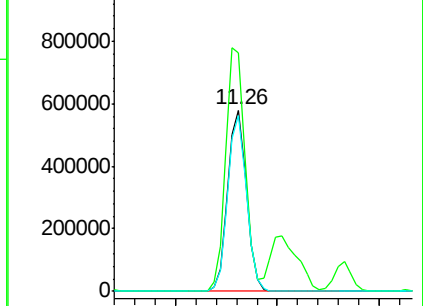
158 97.0 48.9 146.6



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: 151.820 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003394.D

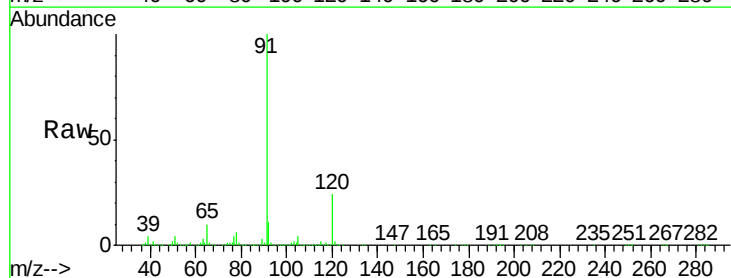
Acq: 16 Jul 2018 12:42

Tgt Ion: 91 Resp: 3003405

Ion Ratio Lower Upper

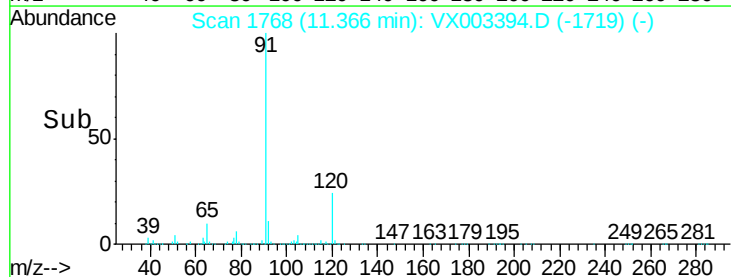
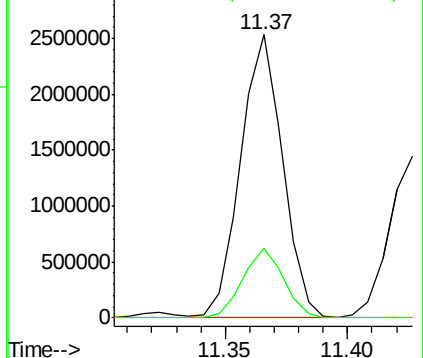
91 100

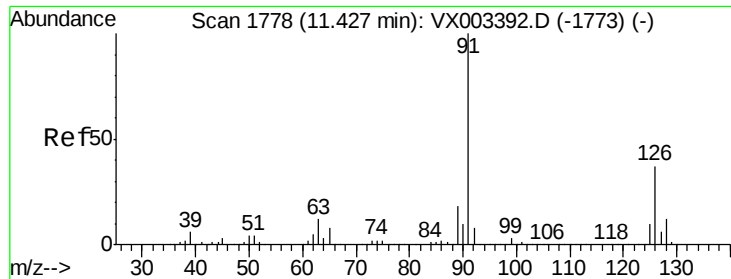
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.811 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

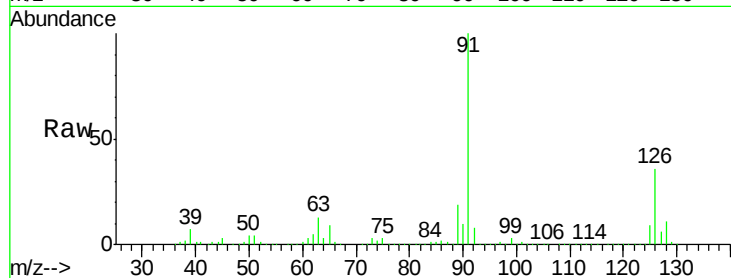
VSTDIC150

Tgt Ion: 91 Resp: 1792691

Ion Ratio Lower Upper

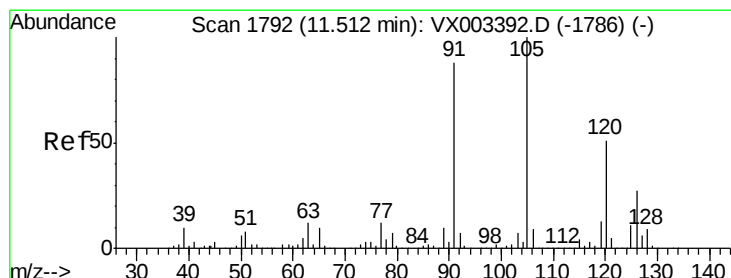
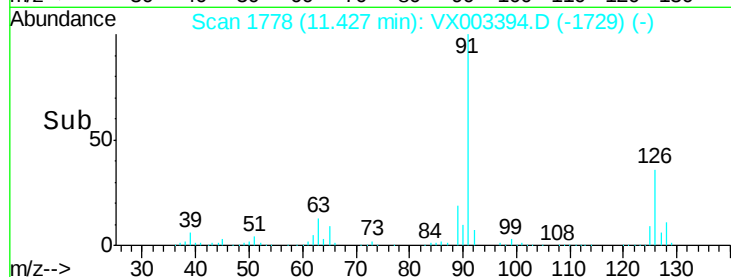
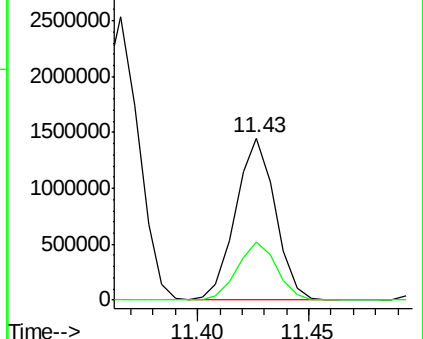
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 155.210 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003394.D

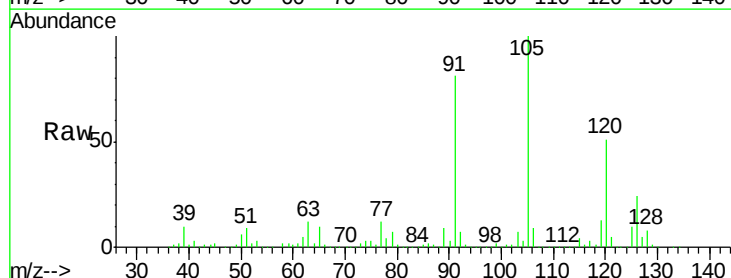
Acq: 16 Jul 2018 12:42

Tgt Ion: 105 Resp: 2245111

Ion Ratio Lower Upper

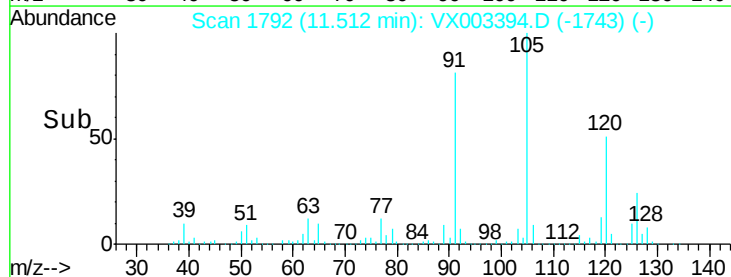
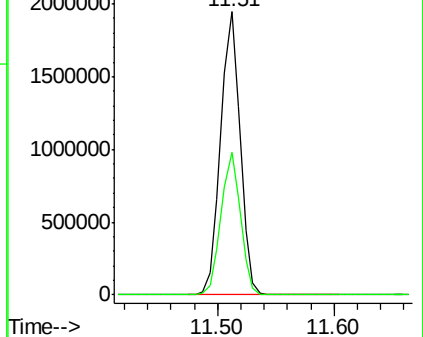
105 100

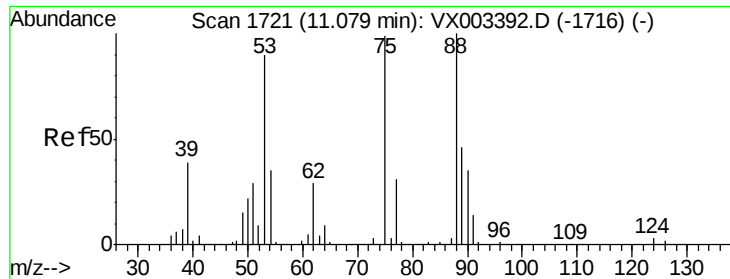
120 50.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 173.001 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

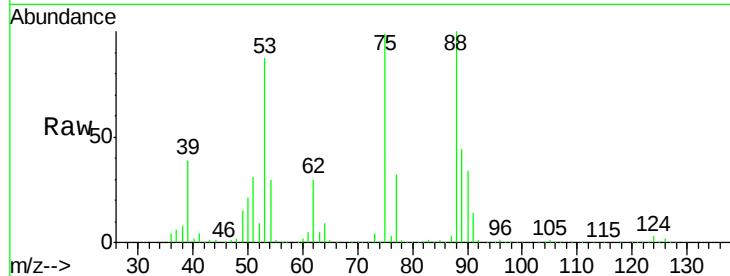
Tgt Ion: 75 Resp: 266608

Ion Ratio Lower Upper

75 100

53 88.4 86.8 130.2

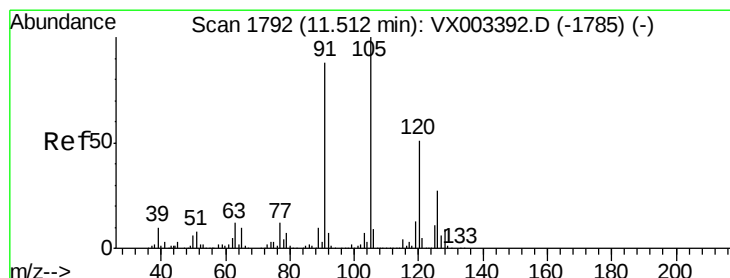
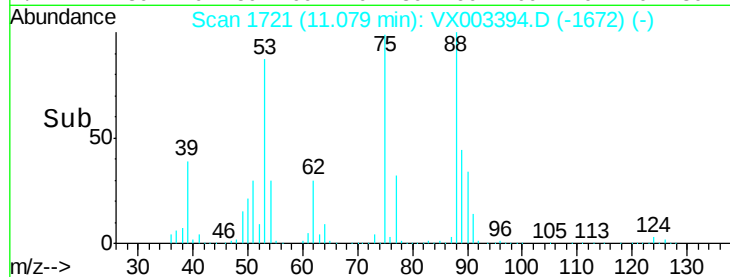
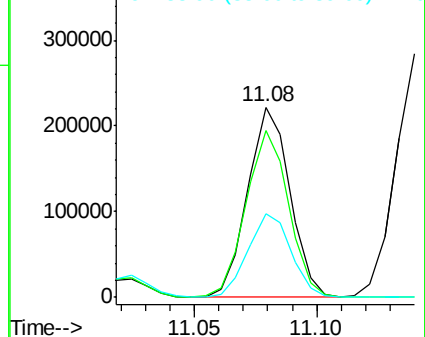
89 45.1 38.2 57.2



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: 150.717 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX003394.D

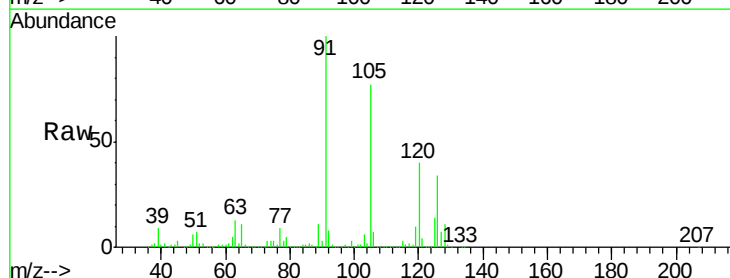
Acq: 16 Jul 2018 12:42

Tgt Ion: 91 Resp: 2132755

Ion Ratio Lower Upper

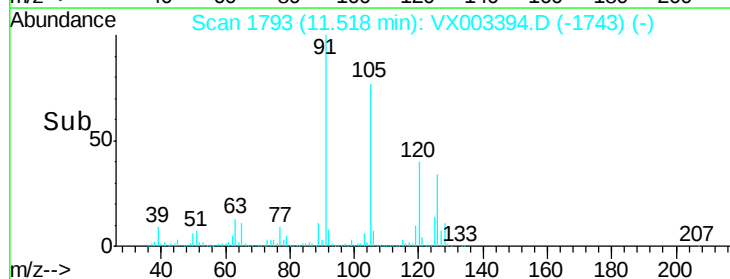
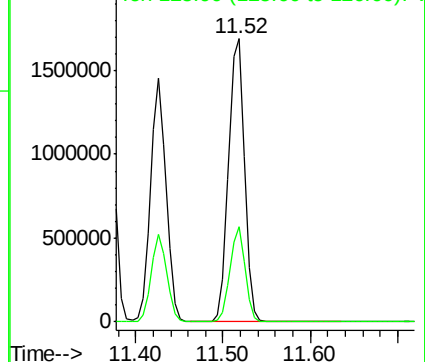
91 100

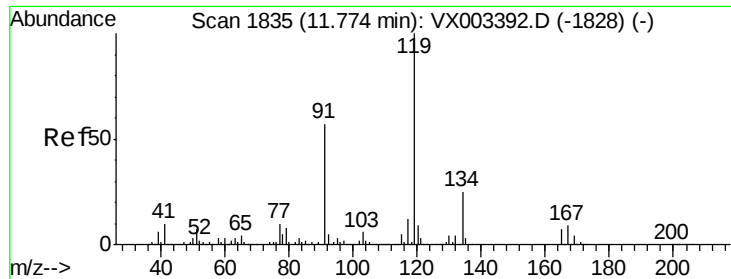
126 31.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

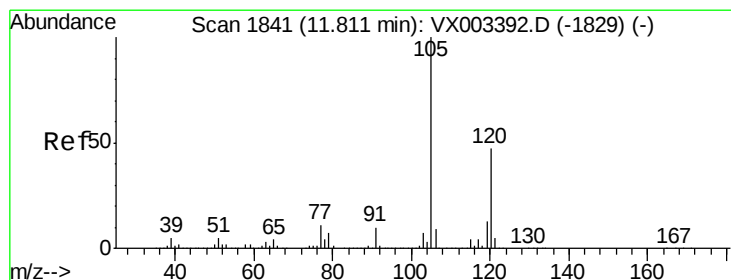
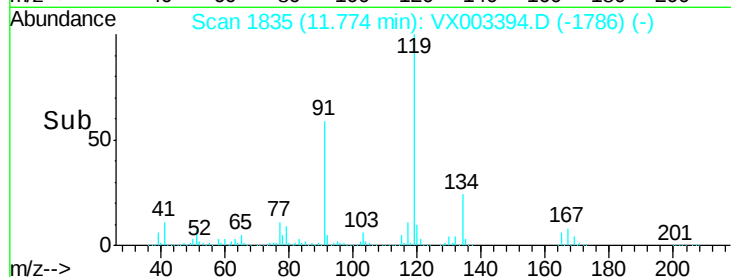
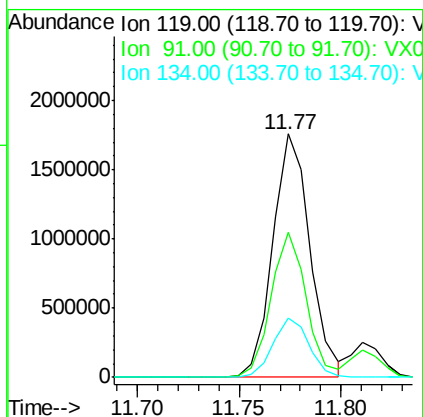
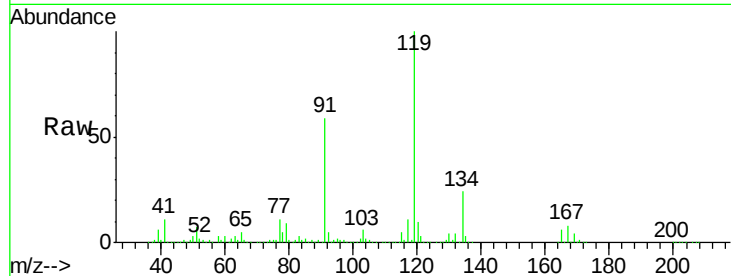




#83
 tert-Butylbenzene
 Concen: 157.473 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

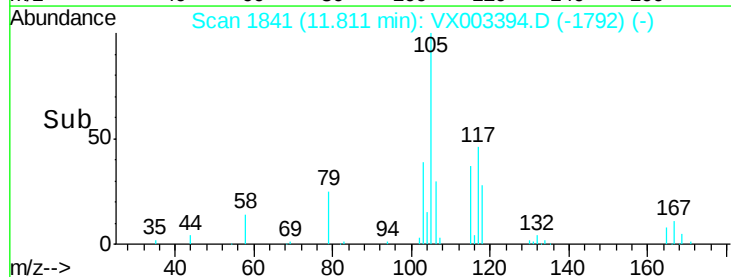
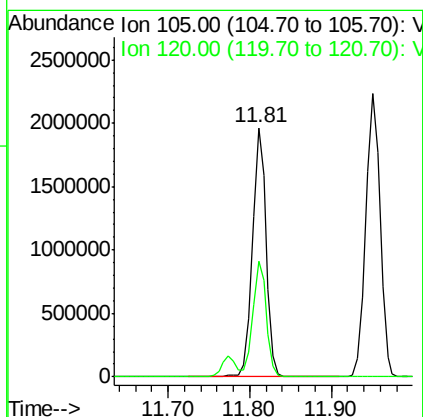
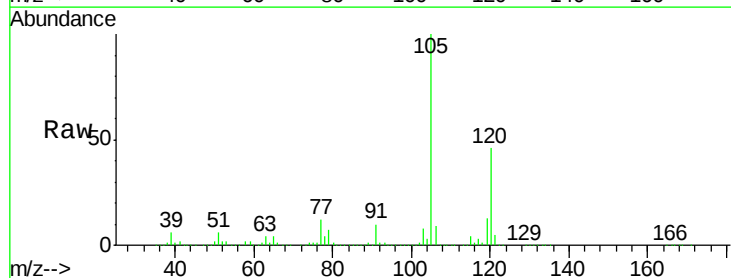
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

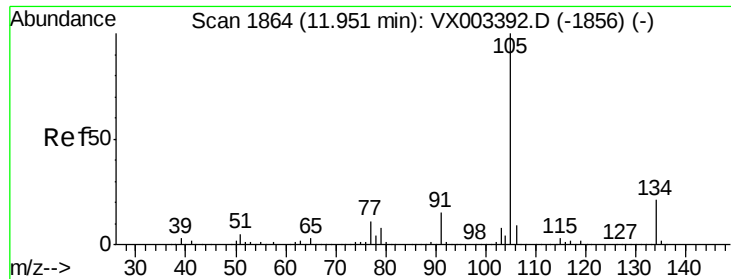
Tgt Ion:119 Resp: 2226232
 Ion Ratio Lower Upper
 119 100
 91 56.6 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 155.378 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion:105 Resp: 2308849
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 156.043 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

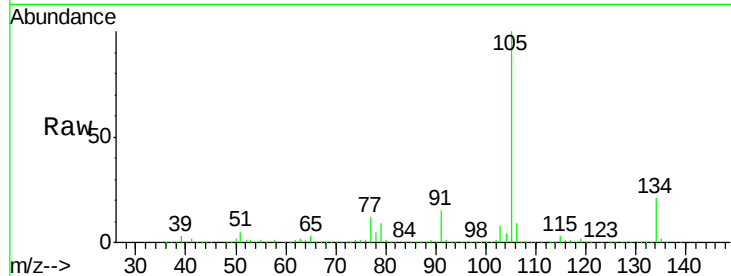
VSTDIC150

Tgt Ion:105 Resp: 2676129

Ion Ratio Lower Upper

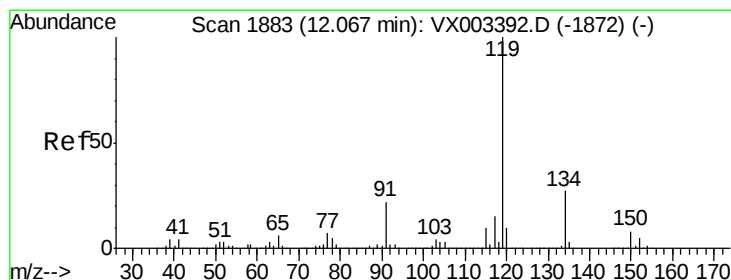
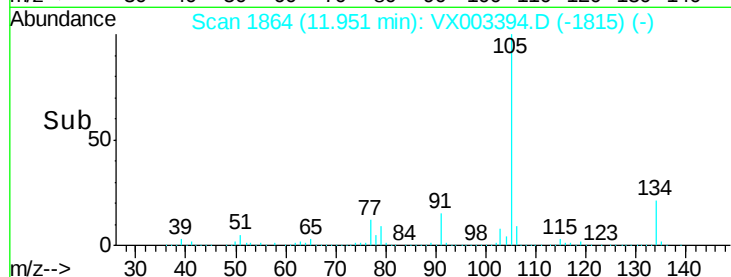
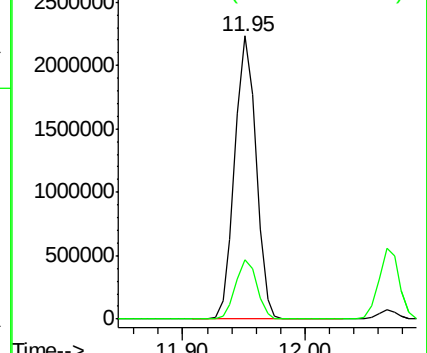
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 157.995 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

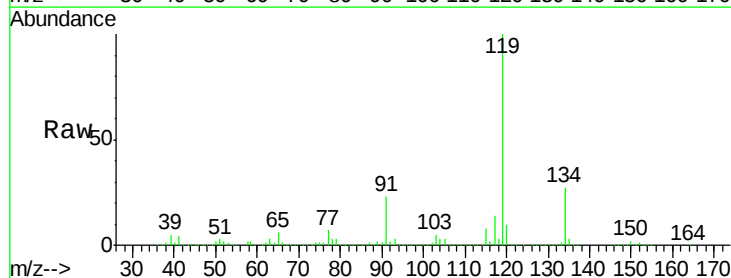
Tgt Ion:119 Resp: 2411944

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

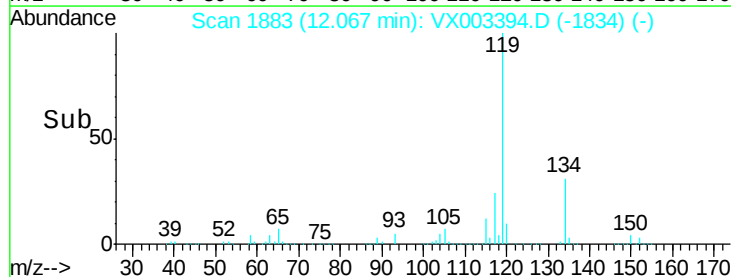
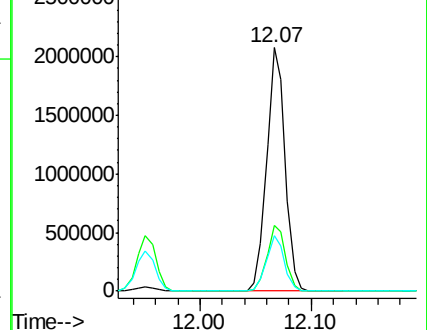
91 22.2 11.9 35.7

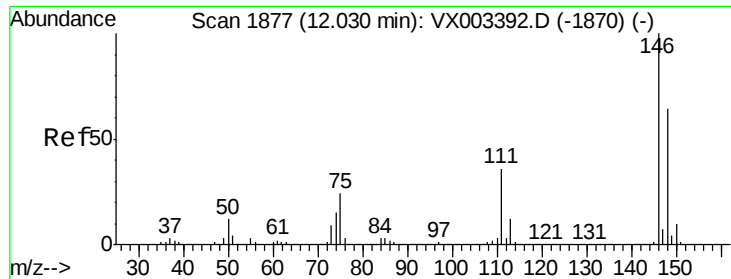


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 147.075 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

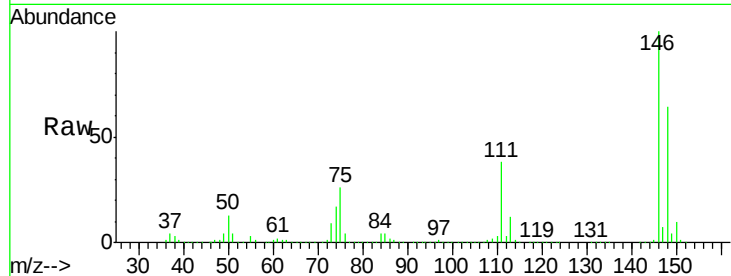
Tgt Ion:146 Resp: 1353823

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

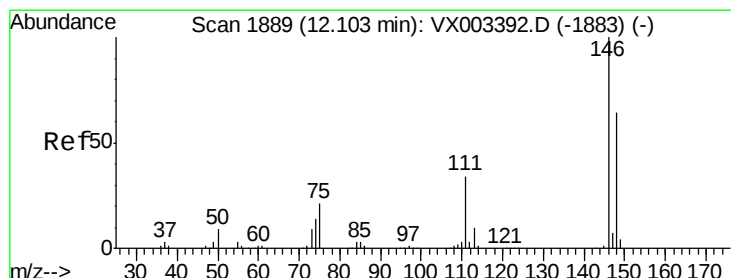
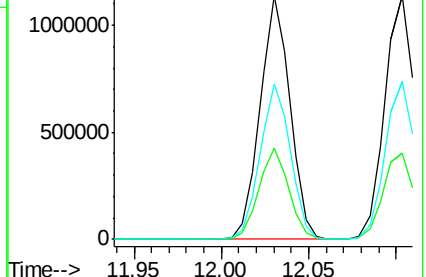
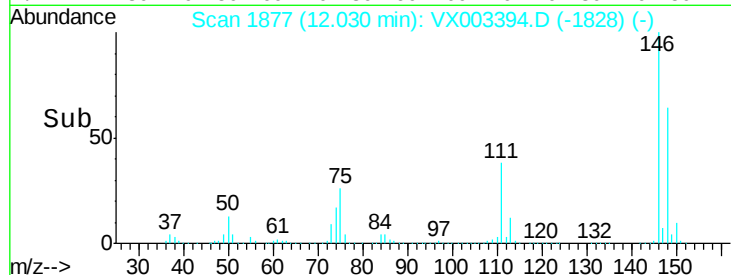
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 145.743 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

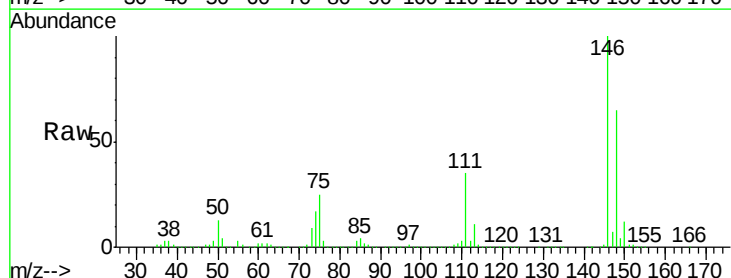
Tgt Ion:146 Resp: 1362271

Ion Ratio Lower Upper

146 100

111 36.1 18.7 56.1

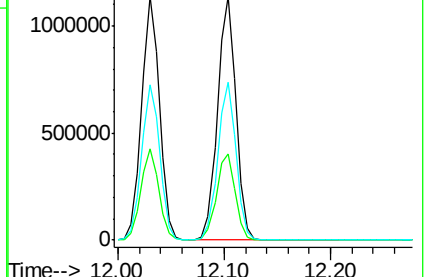
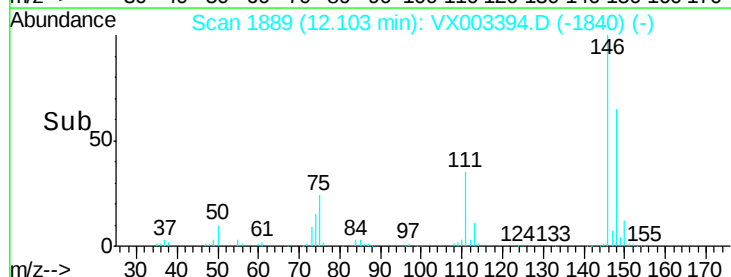
148 64.2 32.4 97.0

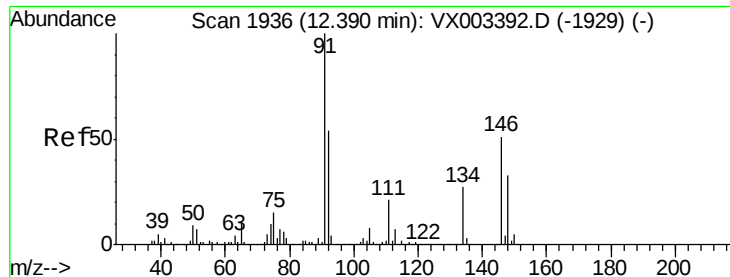


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

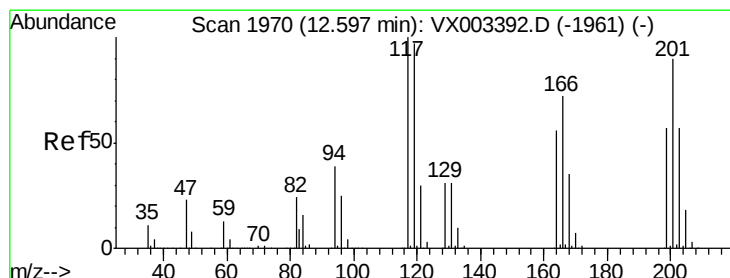
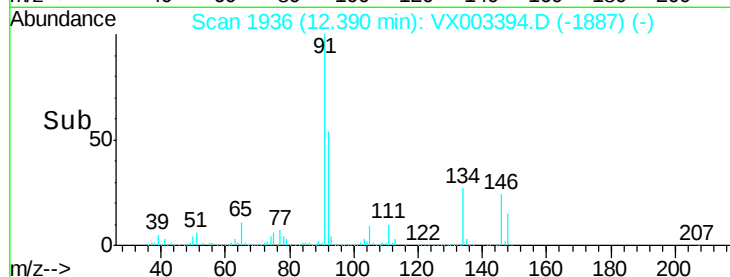
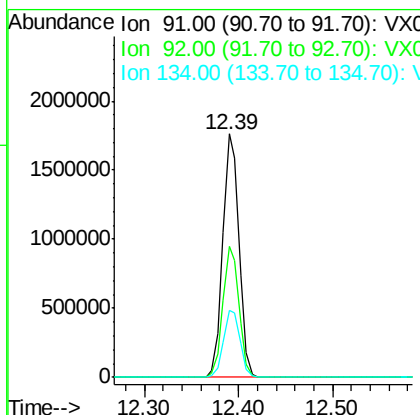
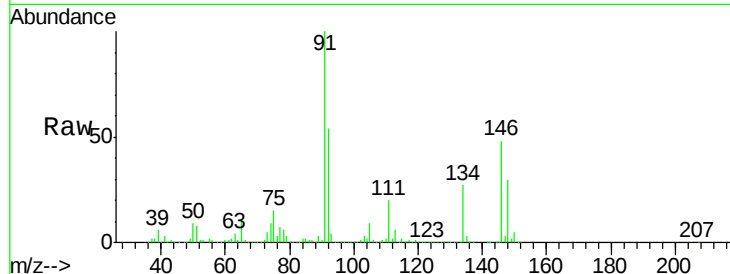




#89
n-Butylbenzene
Concen: 160.841 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

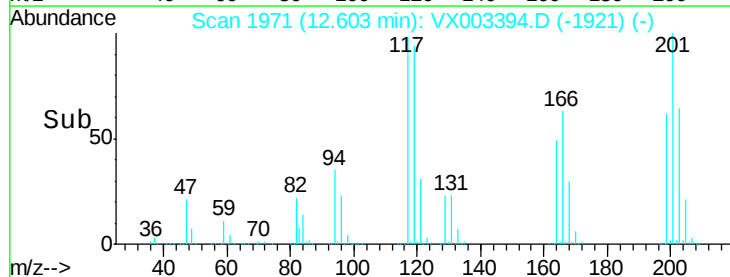
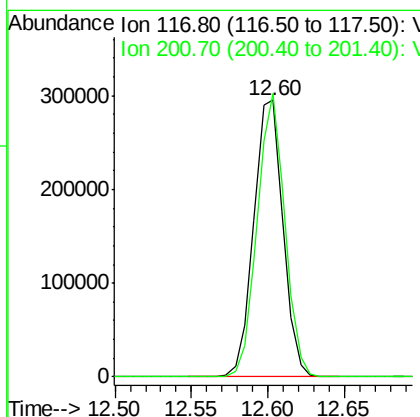
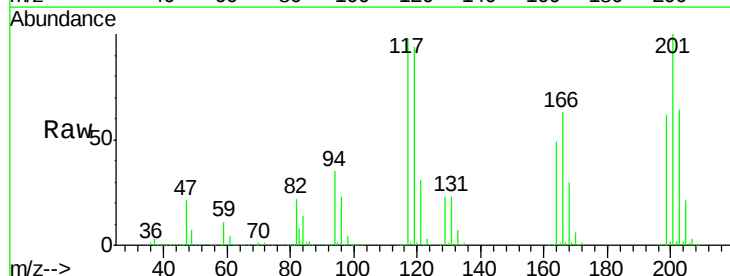
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

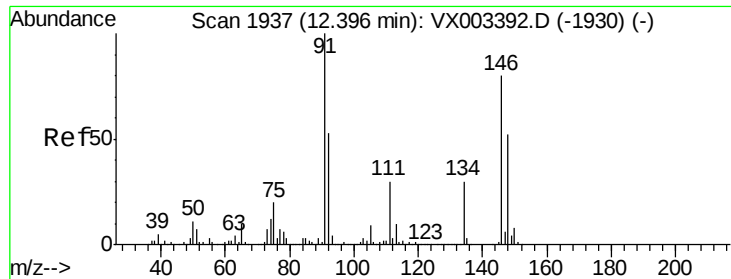
Tgt Ion: 91 Resp: 2091626
Ion Ratio Lower Upper
91 100
92 53.3 26.0 78.0
134 28.0 13.5 40.5



#90
Hexachloroethane
Concen: 169.755 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003394.D
Acq: 16 Jul 2018 12:42

Tgt Ion: 117 Resp: 392660
Ion Ratio Lower Upper
117 100
201 96.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 147.121 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

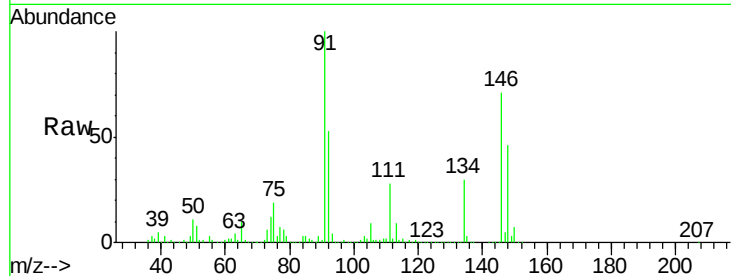
Tgt Ion:146 Resp: 1360144

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

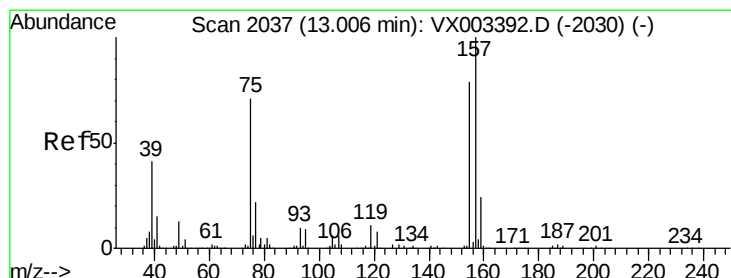
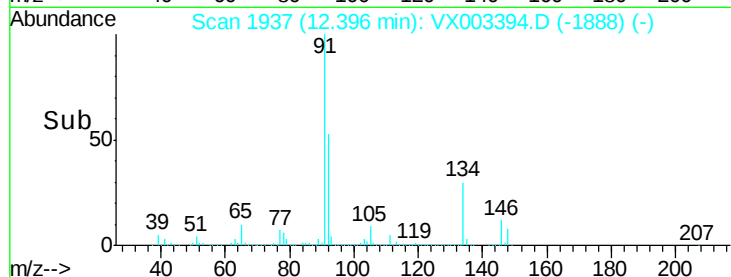
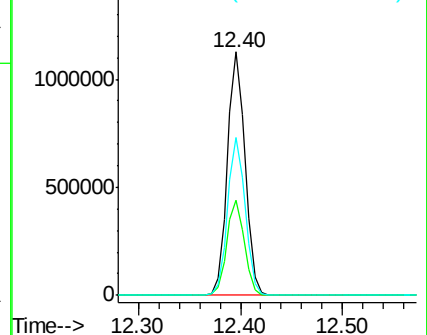
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 164.174 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

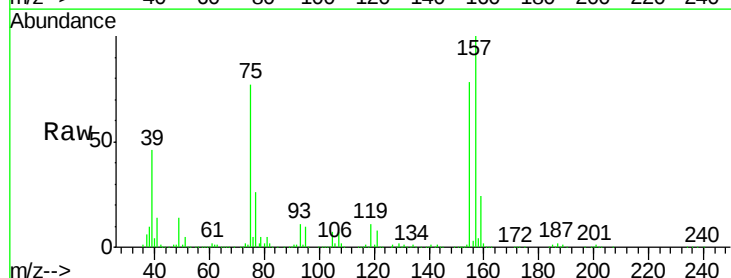
Tgt Ion: 75 Resp: 199630

Ion Ratio Lower Upper

75 100

155 100.5 45.8 137.4

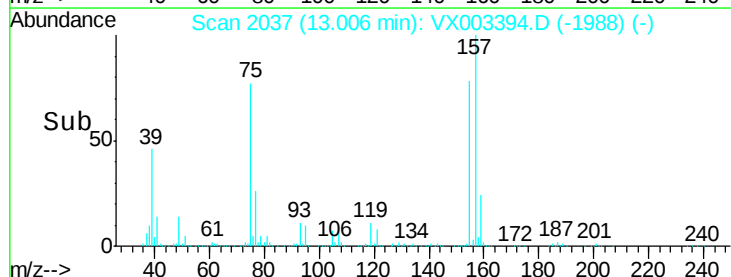
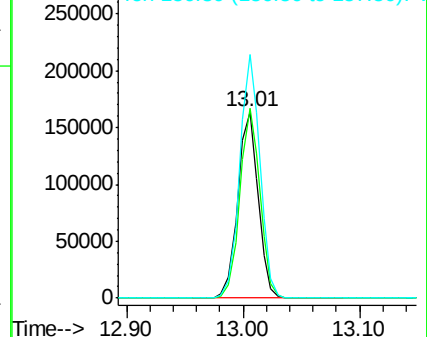
157 129.3 60.1 180.3

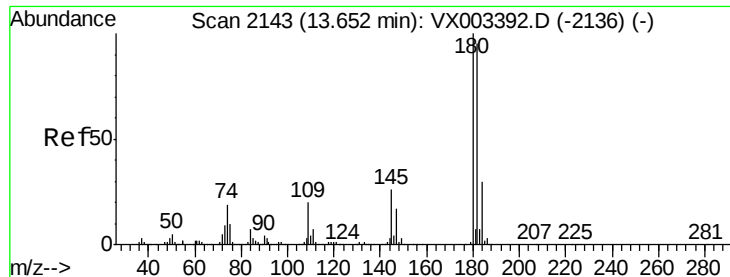


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

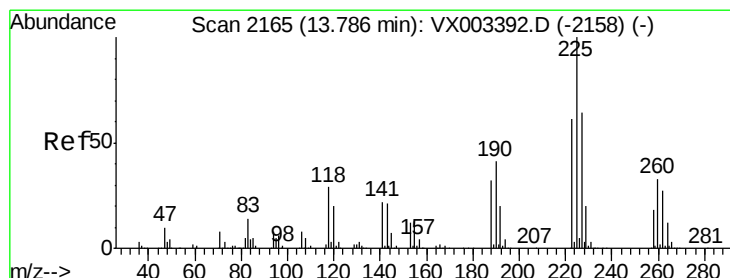
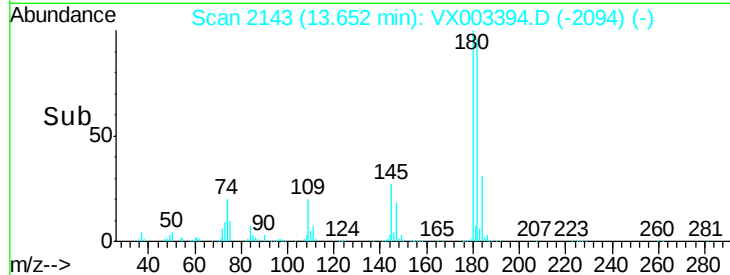
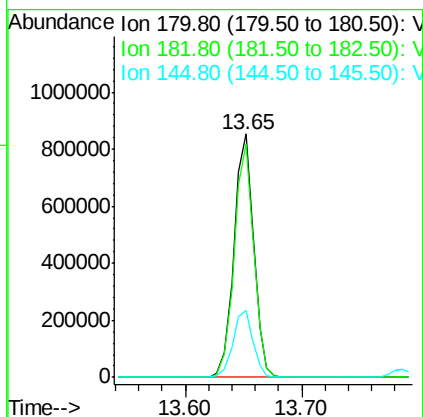
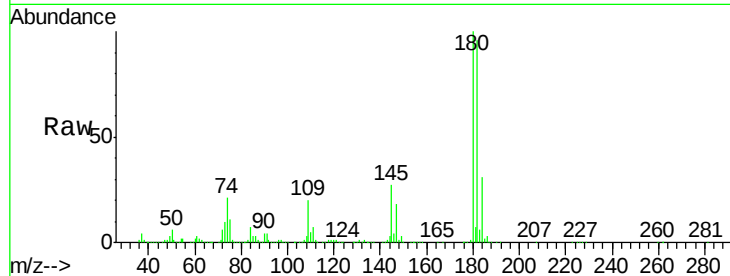




#93
 1,2,4-Trichlorobenzene
 Concen: 158.603 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

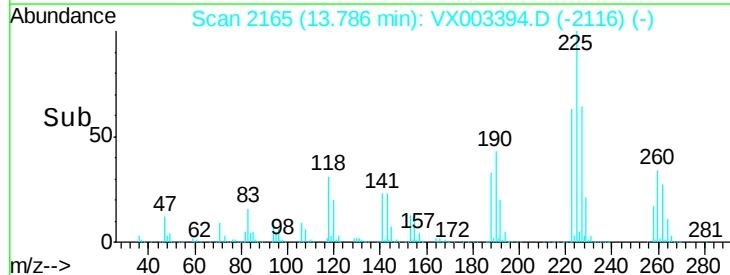
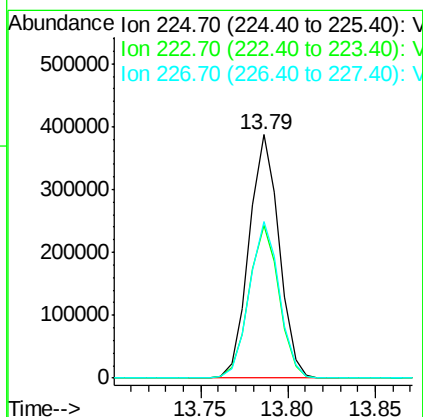
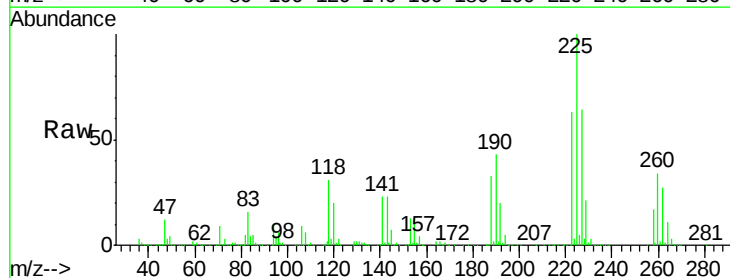
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

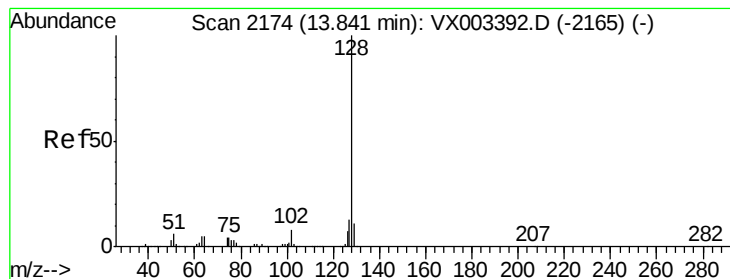
Tgt Ion:180 Resp: 1003334
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 151.222 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003394.D
 Acq: 16 Jul 2018 12:42

Tgt Ion:225 Resp: 460491
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 64.2 32.4 97.2





#95

Naphthalene

Concen: 164.857 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

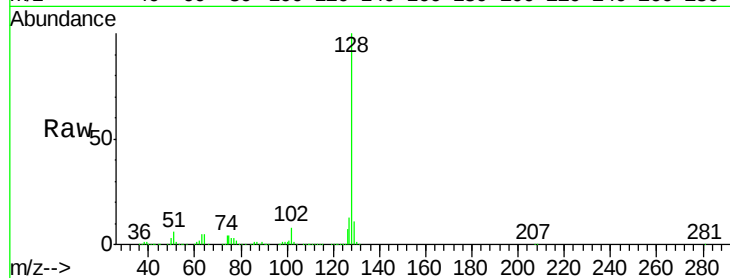
Tgt Ion:128 Resp: 2989219

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

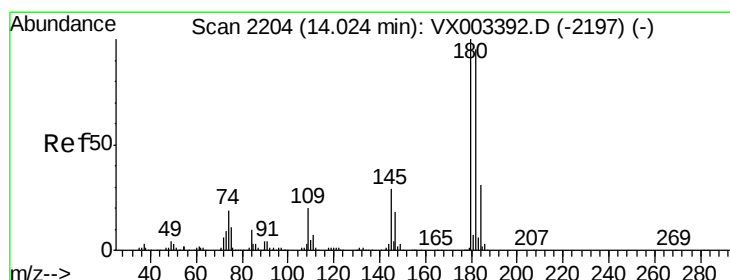
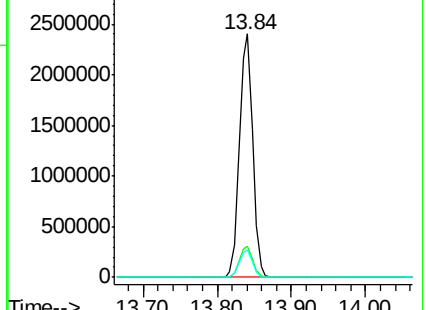
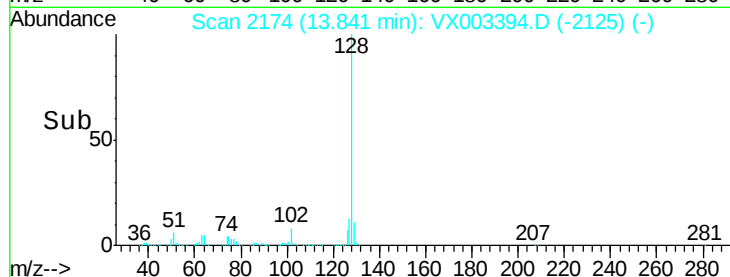
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 153.869 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003394.D

Acq: 16 Jul 2018 12:42

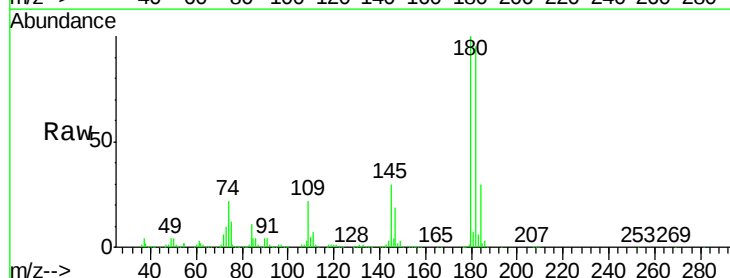
Tgt Ion:180 Resp: 1001222

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 29.6 14.8 44.3



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

