

Data File : VX005827.D
Acq On : 07 Nov 2018 14:18
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Nov 19 07:59:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	122063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	160894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	203246	144.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.68%	
35) Dibromofluoromethane	5.50	113	168827	154.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.56%	
50) Toluene-d8	8.72	98	545886	150.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.08%	
62) 4-Bromofluorobenzene	11.14	95	221977	169.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	165551	150.428	ug/l	97
3) Chloromethane	1.32	50	197335	136.629	ug/l	98
4) Vinyl Chloride	1.41	62	208675	143.919	ug/l	95
5) Bromomethane	1.64	94	139323	157.016	ug/l	93
6) Chloroethane	1.70	64	117903	136.281	ug/l	99
7) Trichlorofluoromethane	1.91	101	268198	139.351	ug/l	100
8) Diethyl Ether	2.19	74	110817	146.942	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149996	135.507	ug/l	97
10) Methyl Iodide	2.50	142	217641	162.229	ug/l	95
11) Tert butyl alcohol	3.10	59	314701	782.860	ug/l	98
12) 1,1-Dichloroethene	2.36	96	146901	136.158	ug/l	89
13) Acrolein	2.29	56	152884	755.652	ug/l	93
14) Allyl chloride	2.72	41	337508	140.066	ug/l	95
15) Acrylonitrile	3.16	53	600279	720.559	ug/l	99
16) Acetone	2.45	43	558487	739.173	ug/l	94
17) Carbon Disulfide	2.56	76	462117	143.597	ug/l	96
18) Methyl Acetate	2.78	43	294508	148.369	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	541211	146.974	ug/l	92
20) Methylene Chloride	2.85	84	166300	133.992	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	159746	140.378	ug/l	93
22) Diisopropyl ether	3.87	45	609042	144.284	ug/l #	93
23) Vinyl Acetate	3.83	43	2691397	743.632	ug/l	100
24) 1,1-Dichloroethane	3.68	63	314002	139.429	ug/l	98
25) 2-Butanone	4.71	43	916633	771.669	ug/l	93
26) 2,2-Dichloropropane	4.57	77	241640	146.272	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	185969	148.001	ug/l	96
28) Bromochloromethane	5.02	49	145983	145.042	ug/l	99
29) Tetrahydrofuran	5.15	42	573761	752.283	ug/l	98
30) Chloroform	5.22	83	305164	140.452	ug/l	93
31) Cyclohexane	5.57	56	301131	154.040	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	260240	143.599	ug/l	99
36) 1,1-Dichloropropene	5.80	75	238161	153.548	ug/l	99
37) Ethyl Acetate	4.87	43	325431	159.551	ug/l	99
38) Carbon Tetrachloride	5.78	117	234721	151.161	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259950	165.358	ug/l	94
40) Benzene	6.14	78	695462	153.806	ug/l	96
41) Methacrylonitrile	5.07	41	177845	161.365	ug/l	97
42) 1,2-Dichloroethane	6.20	62	253207	156.344	ug/l	99
43) Isopropyl Acetate	6.46	43	491016	166.136	ug/l	97
44) Trichloroethene	7.21	130	174716	152.152	ug/l	88
45) 1,2-Dichloropropane	7.51	63	169456	154.403	ug/l	96
46) Dibromomethane	7.66	93	108125	157.002	ug/l	97
47) Bromodichloromethane	7.90	83	205958	158.244	ug/l	93
48) Methyl methacrylate	7.78	41	218741	164.828	ug/l	100
49) 1,4-Dioxane	7.76	88	97590	3412.636	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1547900	831.008	ug/l	96
52) Toluene	8.79	92	381156	150.826	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	250510	163.101	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	252047	161.002	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168926	149.987	ug/l #	90
56) Ethyl methacrylate	9.18	69	305302	181.169	ug/l	97
57) 1,3-Dichloropropane	9.37	76	286521	151.383	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.32	63	712925	758.951	ug/l	100
59) 2-Hexanone	9.51	43	1408917	858.119	ug/l	98
60) Dibromochloromethane	9.59	129	203511	167.195	ug/l	96
61) 1,2-Dibromoethane	9.68	107	191170	153.501	ug/l	100
64) Tetrachloroethene	9.34	164	180958	133.844	ug/l	90
65) Chlorobenzene	10.14	112	459580	144.466	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.23	131	171287	154.874	ug/l	99
67) Ethyl Benzene	10.25	91	788734	154.618	ug/l	99
68) m/p-Xylenes	10.37	106	655186	336.720	ug/l	95
69) o-Xylene	10.70	106	283286	162.361	ug/l	100
70) Styrene	10.71	104	486083	168.881	ug/l	99
71) Bromoform	10.86	173	164964	177.930	ug/l	99
73) Isopropylbenzene	11.02	105	769249	151.173	ug/l	99
74) N-amyl acetate	10.90	43	442108	152.223	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	288085	154.244	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	353193	197.124	ug/l	86
77) Bromobenzene	11.26	156	211532	147.486	ug/l	99
78) n-propylbenzene	11.36	91	934984	155.909	ug/l	99
79) 2-Chlorotoluene	11.42	91	551090	152.033	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	688491	159.218	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	96118	170.977	ug/l	94
82) 4-Chlorotoluene	11.51	91	668910	156.582	ug/l	100
83) tert-Butylbenzene	11.77	119	693271	158.474	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	713451	149.743	ug/l	100
85) sec-Butylbenzene	11.95	105	829135	154.990	ug/l	100
86) p-Isopropyltoluene	12.07	119	762170	160.844	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	409760	148.866	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	415591	147.489	ug/l	100
89) n-Butylbenzene	12.39	91	713452	162.454	ug/l	99
90) Hexachloroethane	12.60	117	133658	168.946	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	417984	151.585	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78358	171.924	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

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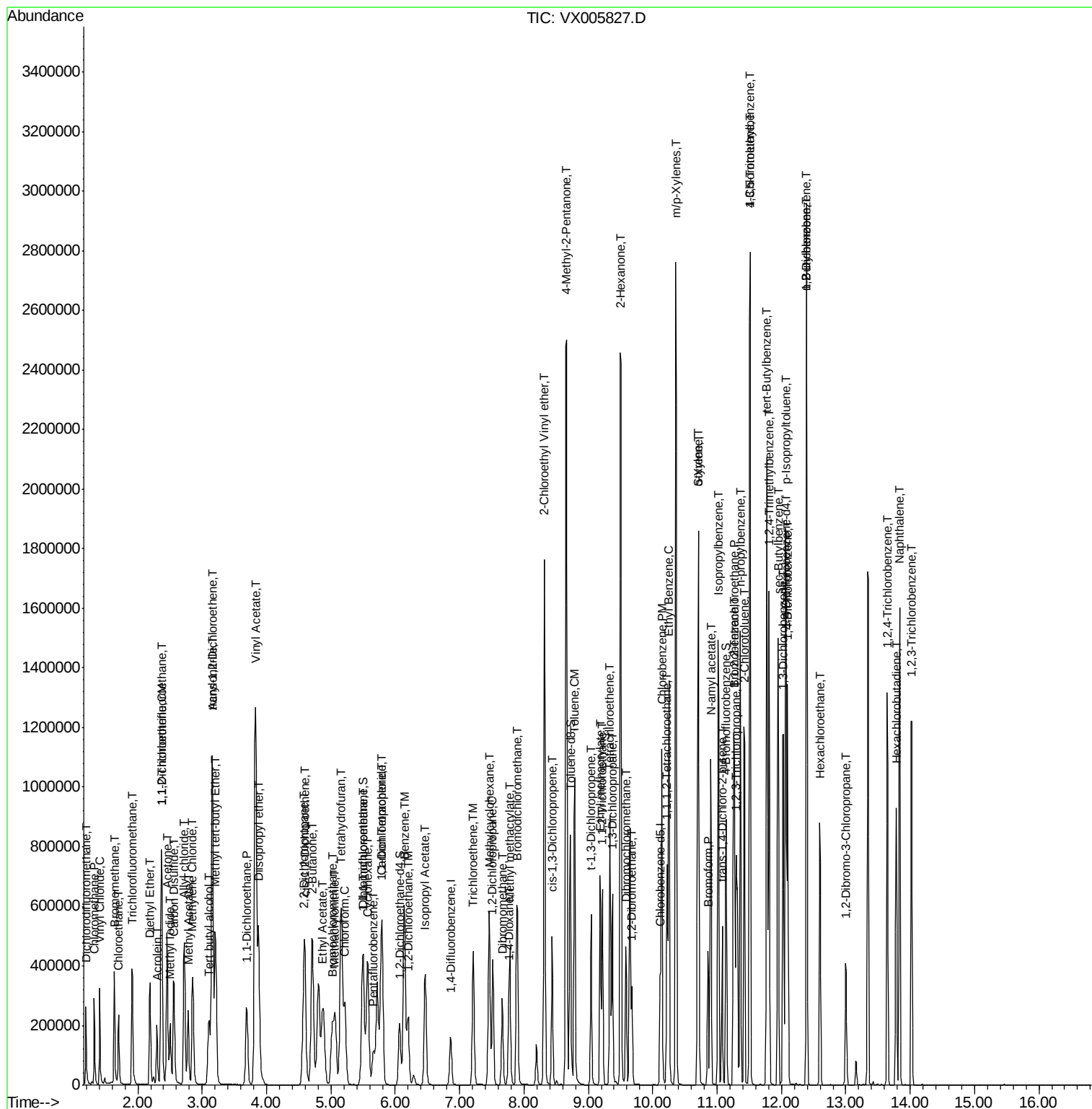
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319241	164.459	ug/l	100
94) Hexachlorobutadiene	13.79	225	154816	151.829	ug/l	99
95) Naphthalene	13.83	128	963256	149.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	313627	158.589	ug/l	100

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

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Instrument :
MSVOA_X
Client Sample ID :
VSTDIC150

Quant Time: Nov 19 07:59:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

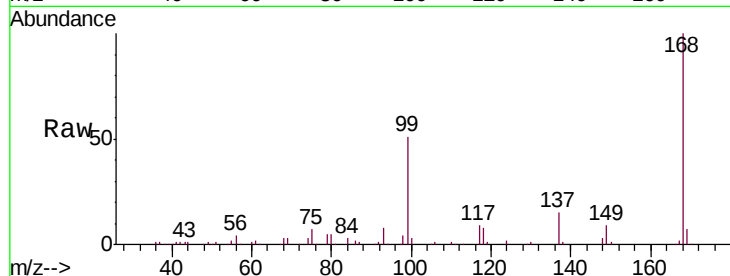
VSTDIC150

Tgt Ion:168 Resp: 122063

Ion Ratio Lower Upper

168 100

99 50.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

50000

40000

30000

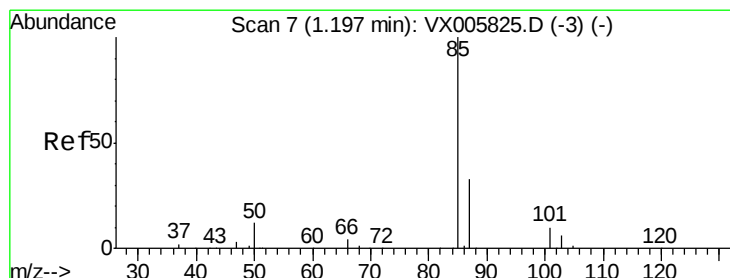
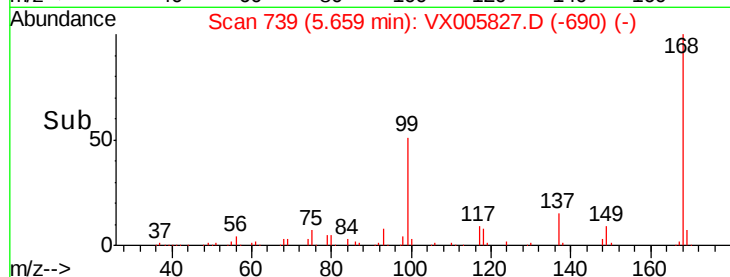
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 150.428 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX005827.D

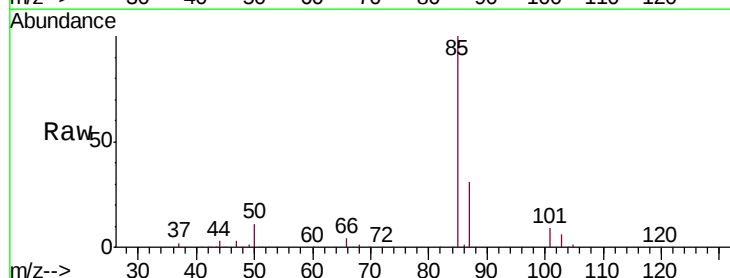
Acq: 07 Nov 2018 14:18

Tgt Ion: 85 Resp: 165551

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

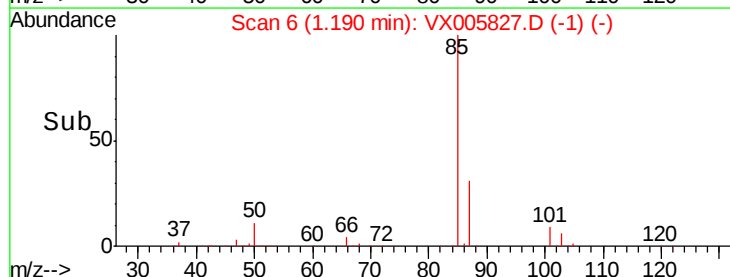
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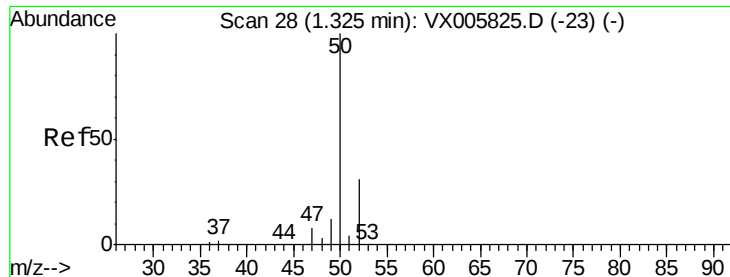
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 136.629 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

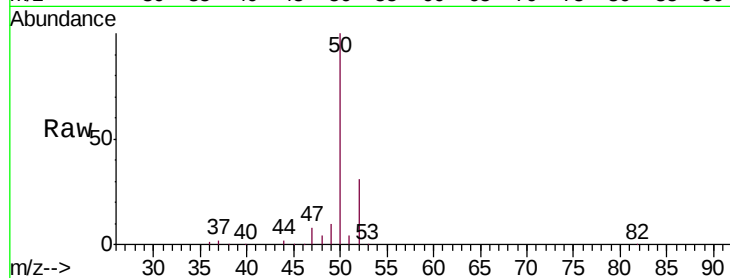
VSTDIC150

Tgt Ion: 50 Resp: 197335

Ion Ratio Lower Upper

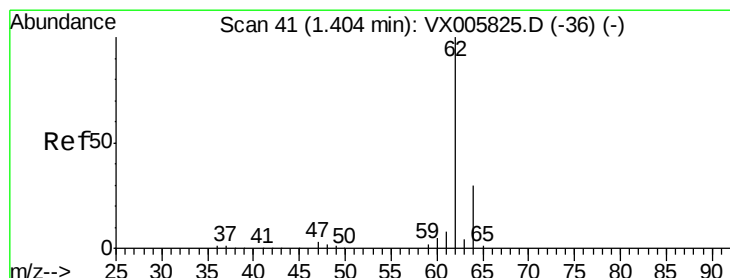
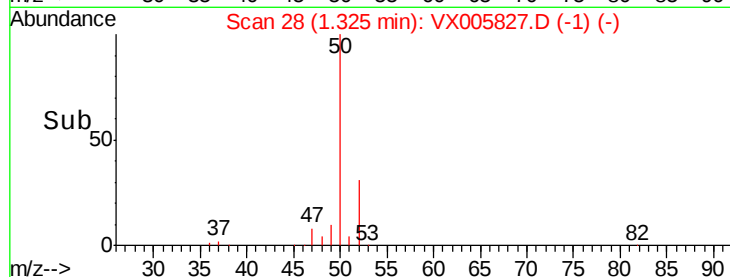
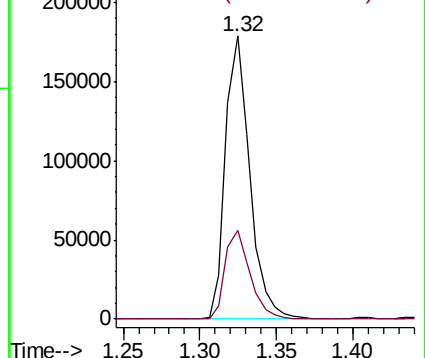
50 100

52 31.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 143.919 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005827.D

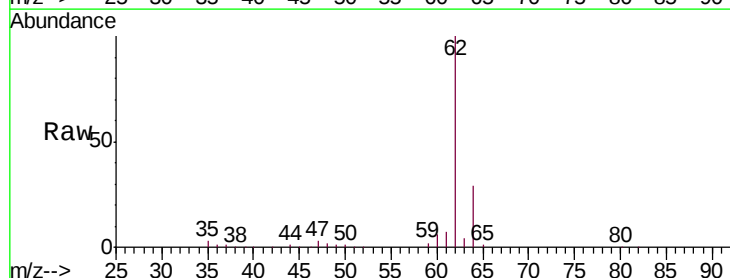
Acq: 07 Nov 2018 14:18

Tgt Ion: 62 Resp: 208675

Ion Ratio Lower Upper

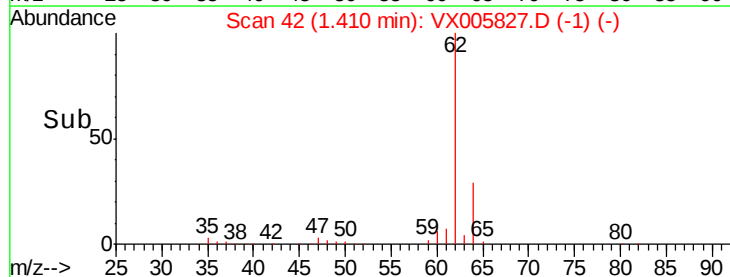
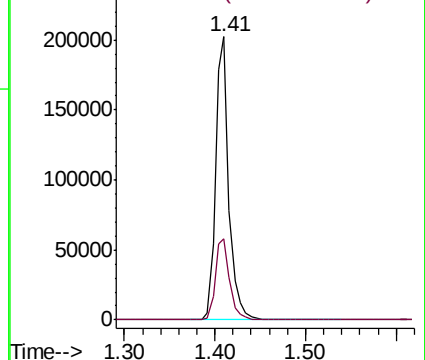
62 100

64 28.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 157.016 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

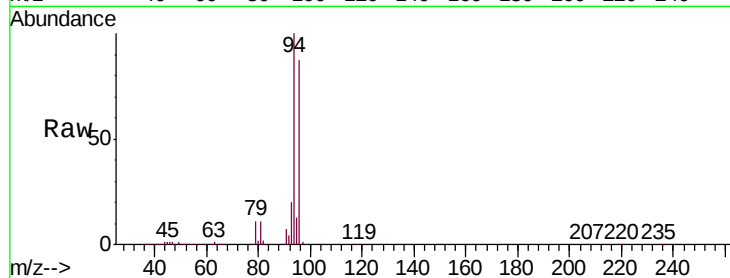
VSTDIC150

Tgt Ion: 94 Resp: 139323

Ion Ratio Lower Upper

94 100

96 87.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

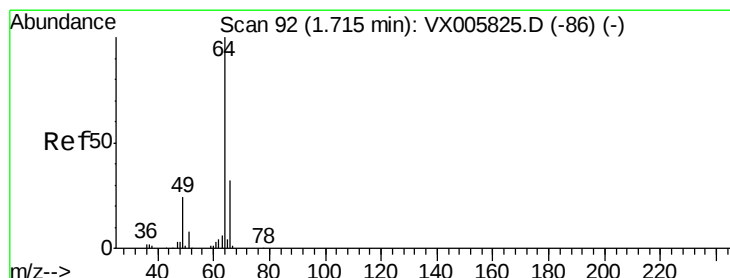
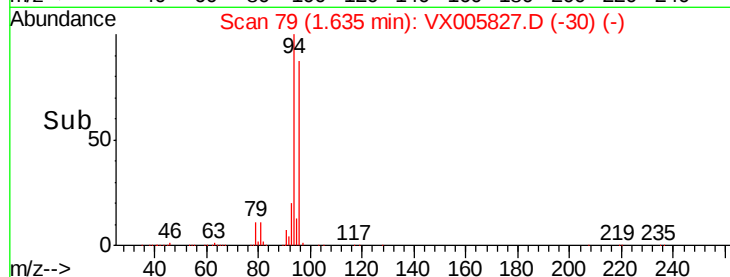
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 136.281 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005827.D

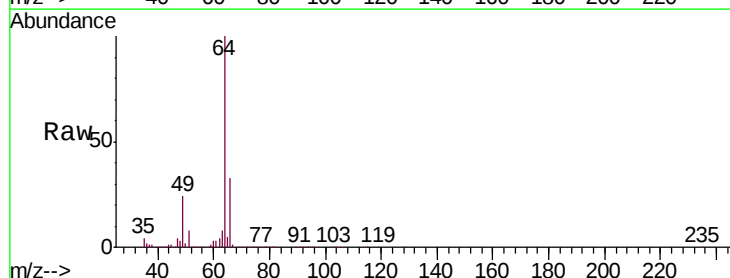
Acq: 07 Nov 2018 14:18

Tgt Ion: 64 Resp: 117903

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

120000

100000

80000

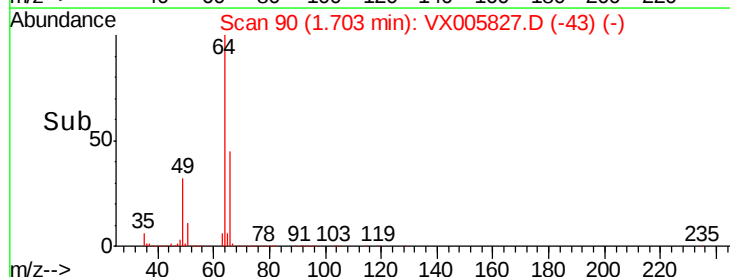
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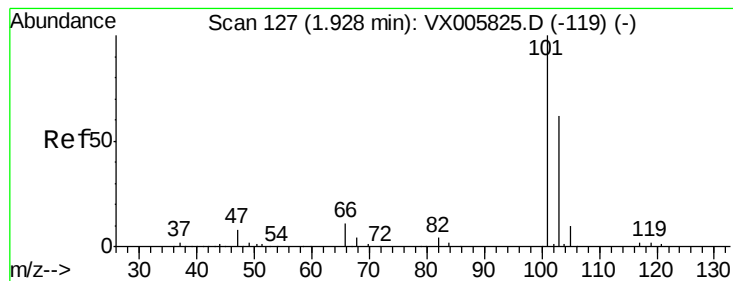
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Time-->



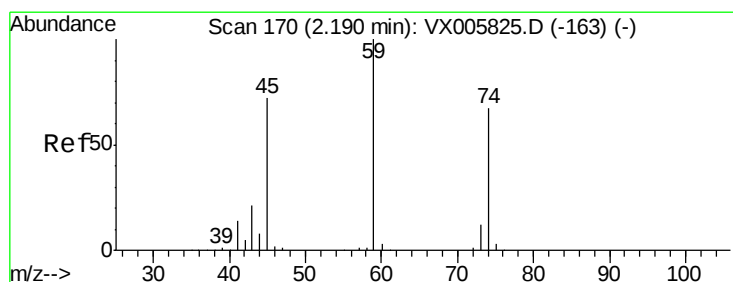
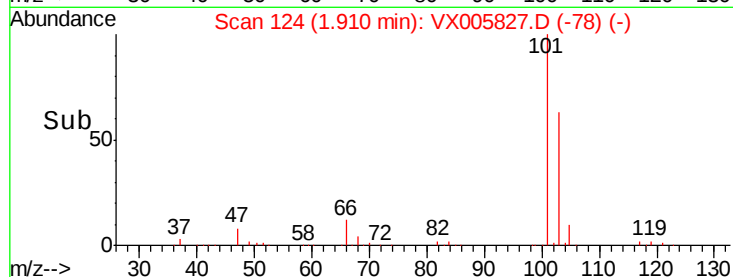
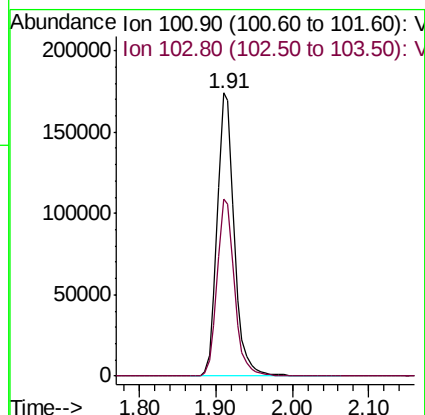
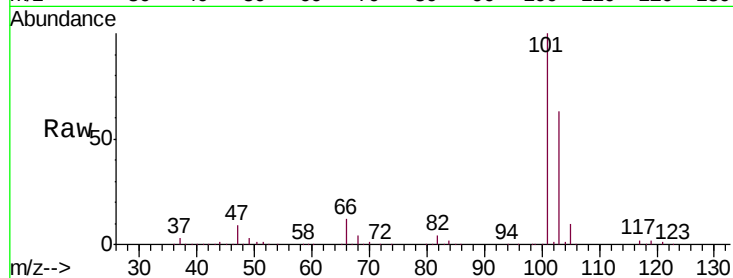


#7

Trichlorofluoromethane
 Concen: 139.351 ug/l
 RT: 1.91 min Scan# 124
 Delta R.T. -0.02 min
 Lab File: VX005827.D
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 MSVOA_X
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 VSTDIC150

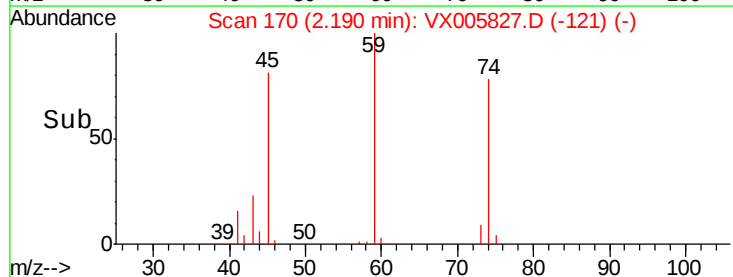
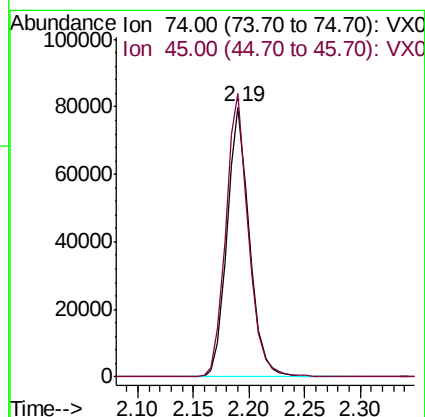
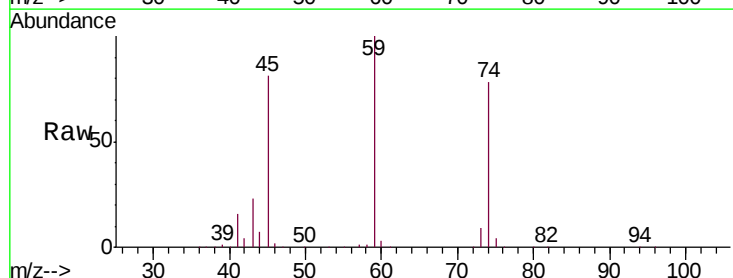
Tgt Ion:101 Resp: 268198
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.0 75.0

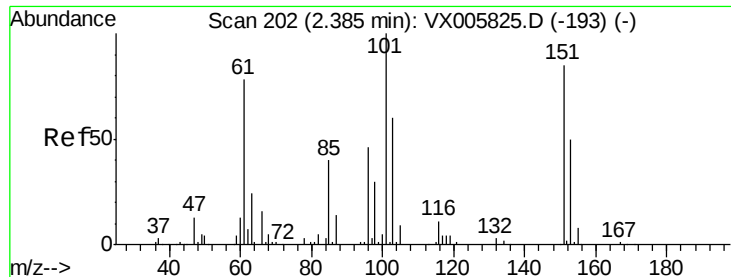


#8

Diethyl Ether
 Concen: 146.942 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 74 Resp: 110817
 Ion Ratio Lower Upper
 74 100
 45 106.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 135.507 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

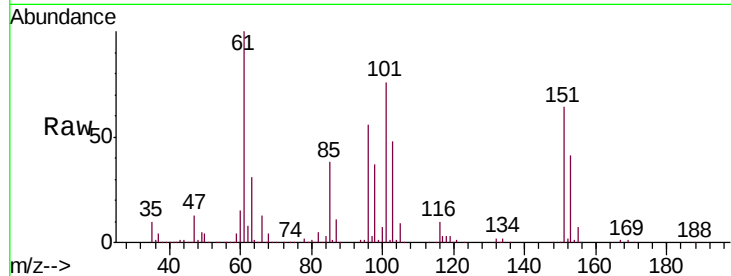
Tgt Ion:101 Resp: 149996

Ion Ratio Lower Upper

101 100

85 46.7 35.0 52.4

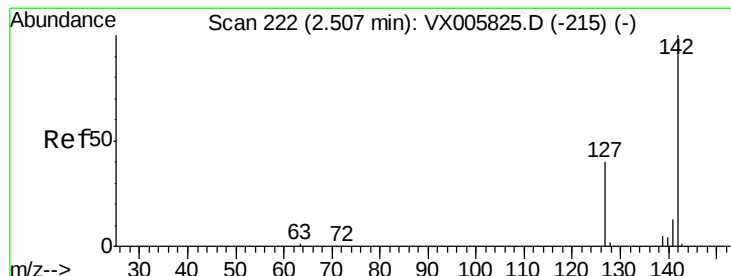
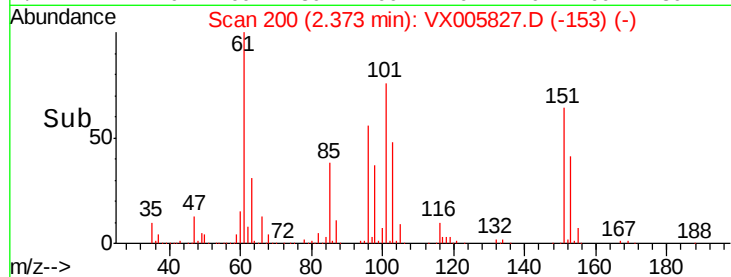
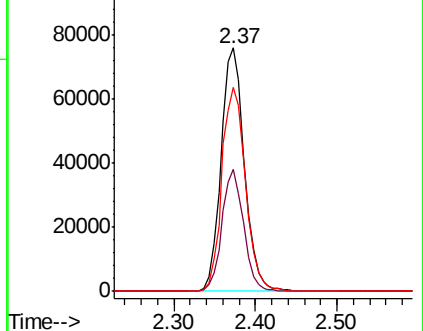
151 84.9 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 162.229 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

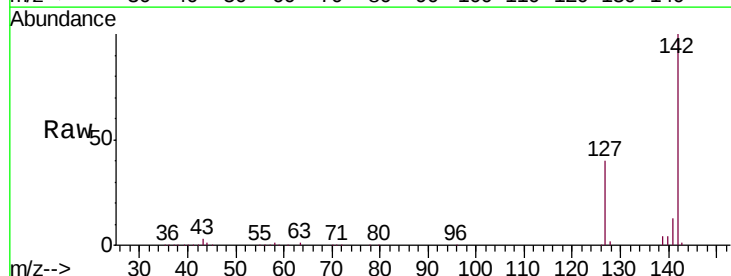
Tgt Ion:142 Resp: 217641

Ion Ratio Lower Upper

142 100

127 41.1 36.0 54.0

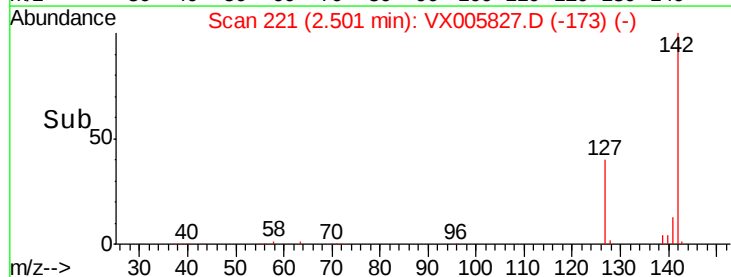
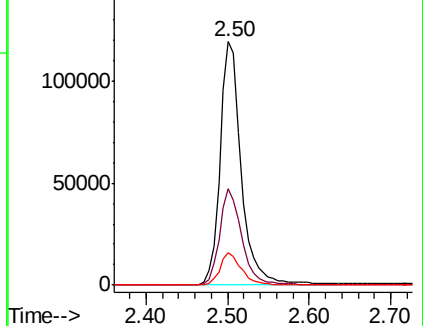
141 13.4 11.7 17.5

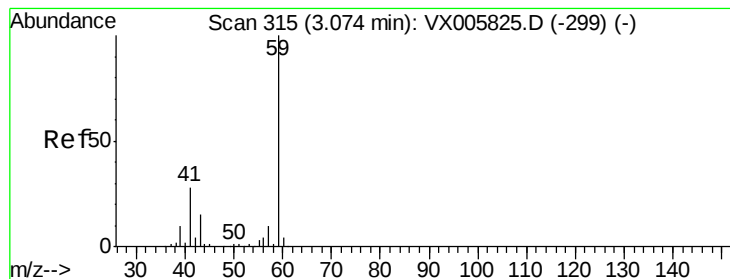


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



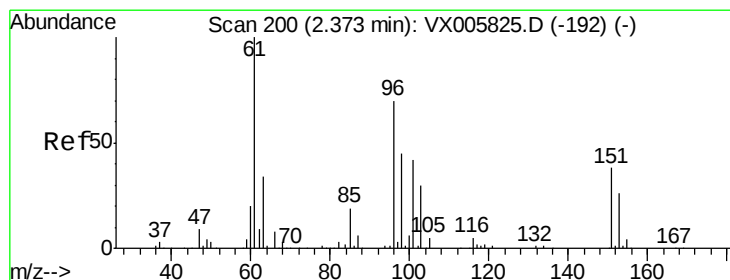
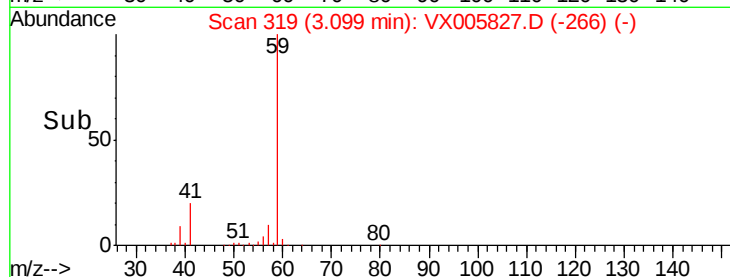
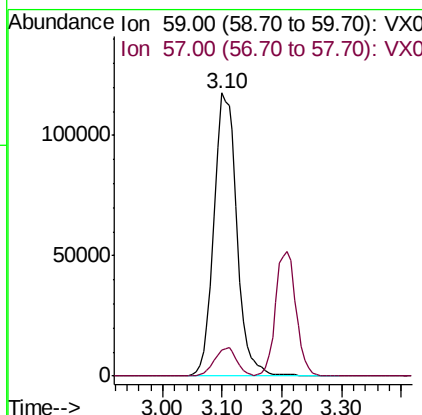
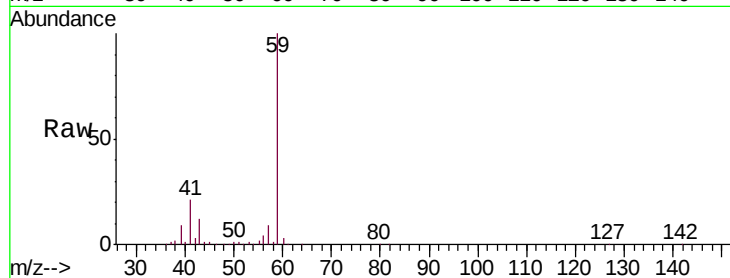


#11

Tert butyl alcohol
 Concen: 782.860 ug/l
 RT: 3.10 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

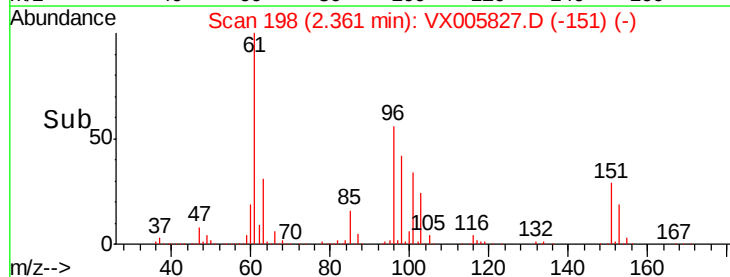
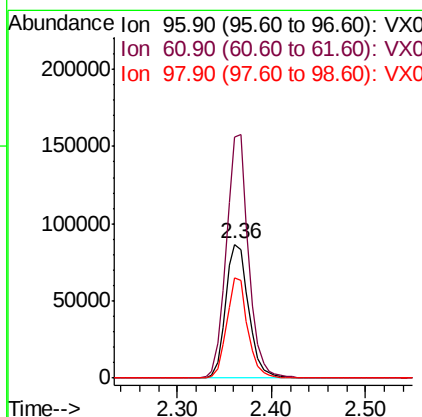
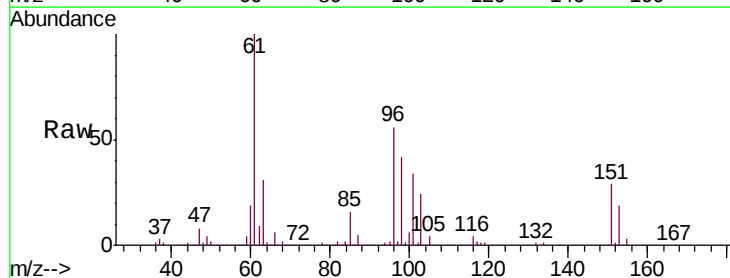
Tgt Ion: 59 Resp: 314701
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

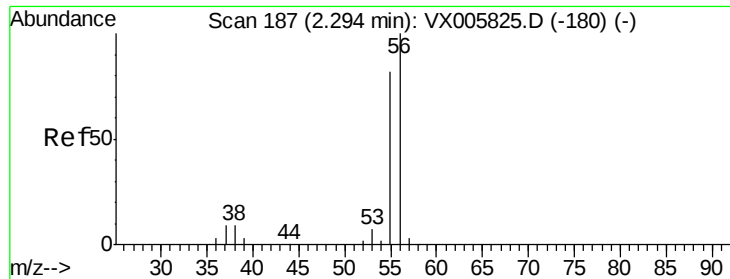


#12

1,1-Dichloroethene
 Concen: 136.158 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 96 Resp: 146901
 Ion Ratio Lower Upper
 96 100
 61 179.6 131.8 197.8
 98 74.9 53.4 80.2

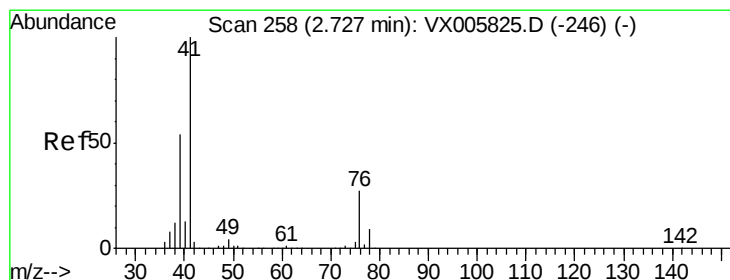
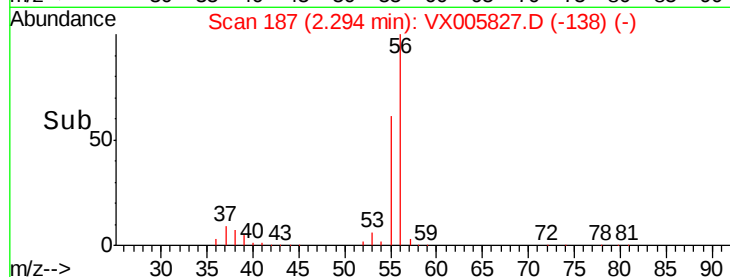
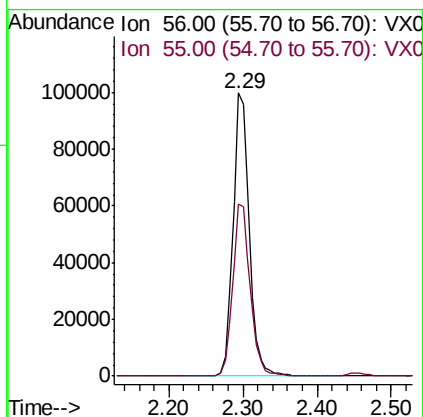
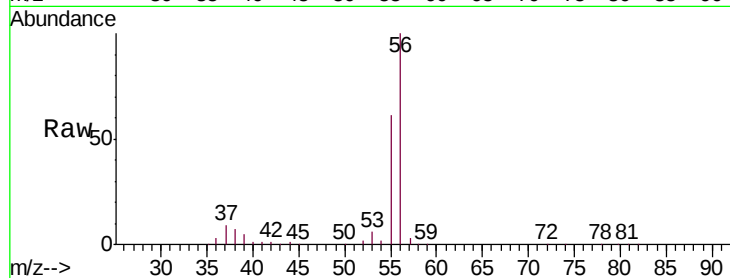




#13
Acrolein
Concen: 755.652 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

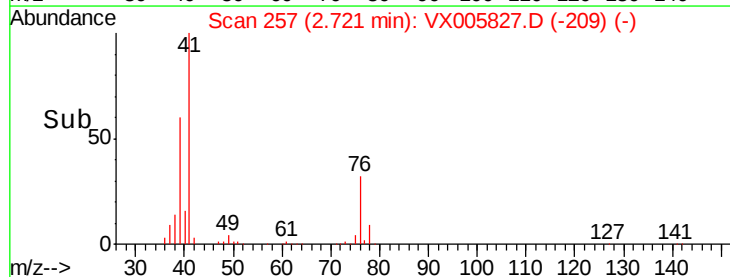
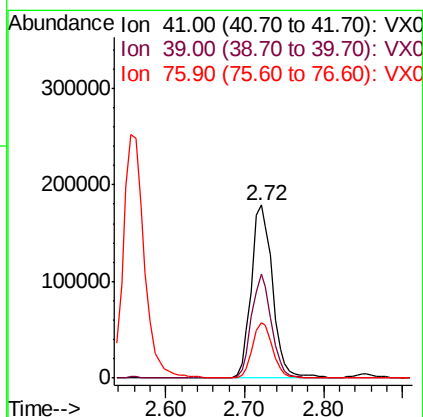
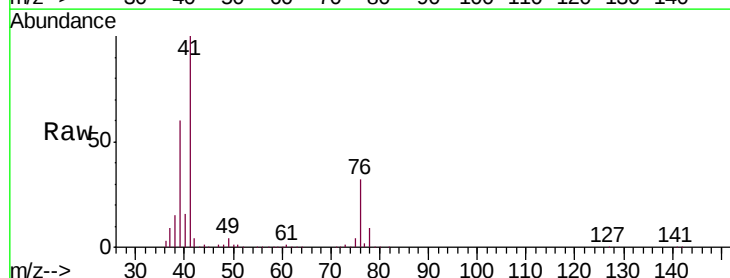
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

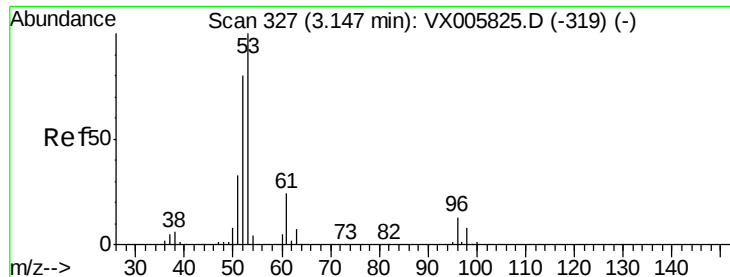
Tgt Ion: 56 Resp: 152884
Ion Ratio Lower Upper
56 100
55 65.7 57.3 85.9



#14
Allyl chloride
Concen: 140.066 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 41 Resp: 337508
Ion Ratio Lower Upper
41 100
39 56.5 48.2 72.4
76 30.6 21.9 32.9





#15

Acrylonitrile

Concen: 720.559 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

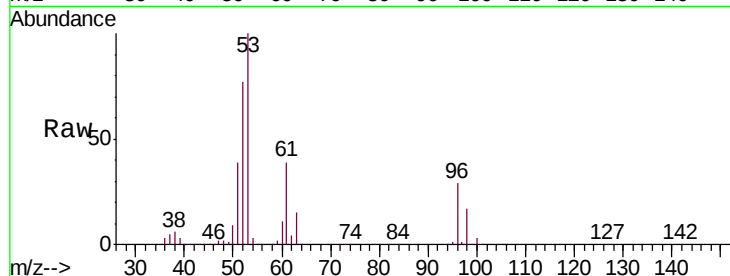
Tgt Ion: 53 Resp: 600279

Ion Ratio Lower Upper

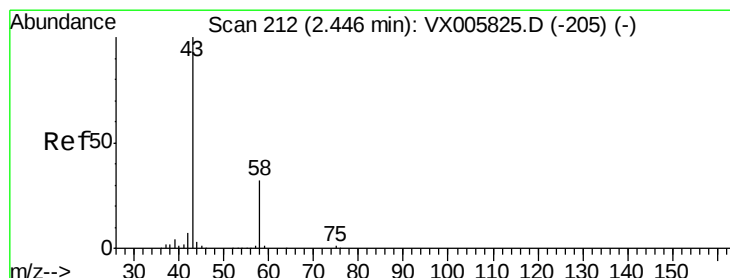
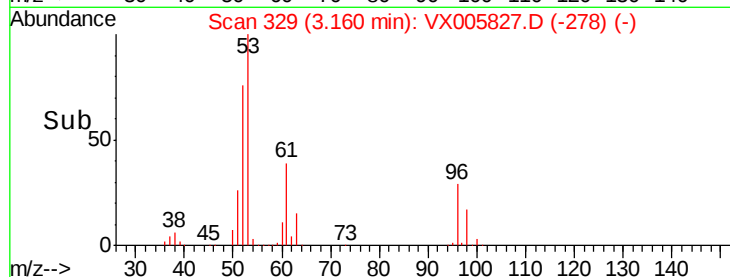
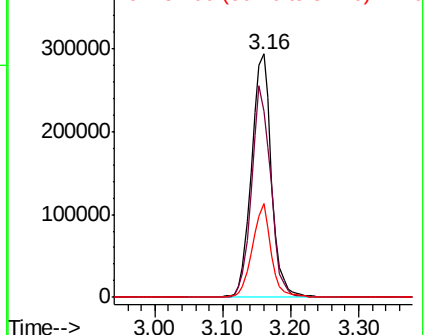
53 100

52 83.7 66.6 99.8

51 36.7 28.4 42.6



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



#16

Acetone

Concen: 739.173 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005827.D

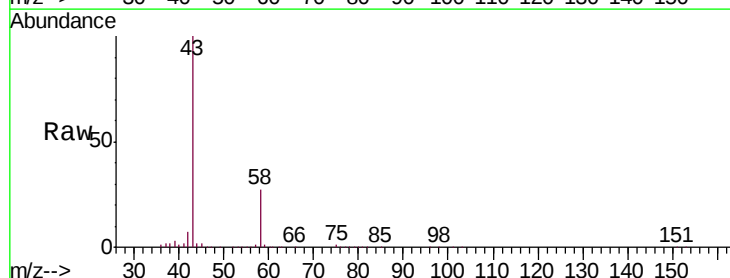
Acq: 07 Nov 2018 14:18

Tgt Ion: 43 Resp: 558487

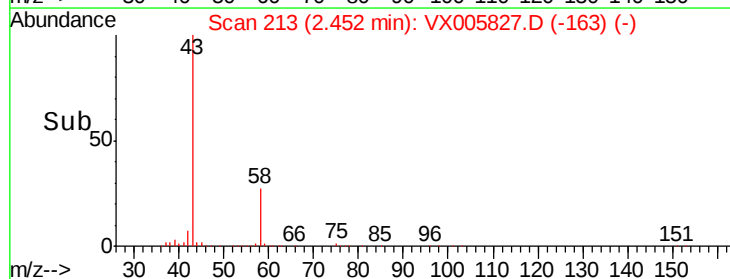
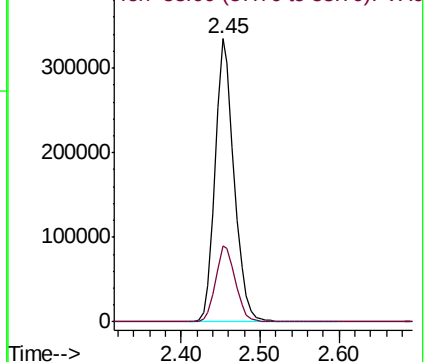
Ion Ratio Lower Upper

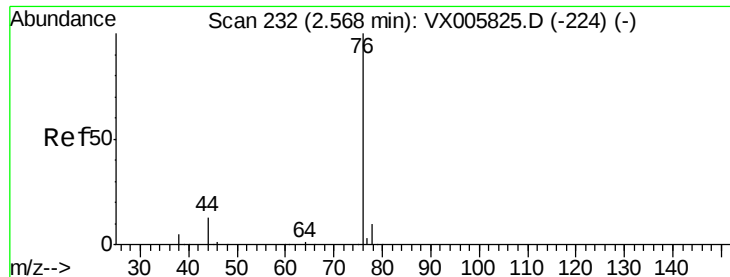
43 100

58 26.7 23.8 35.6



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





#17

Carbon Disulfide

Concen: 143.597 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

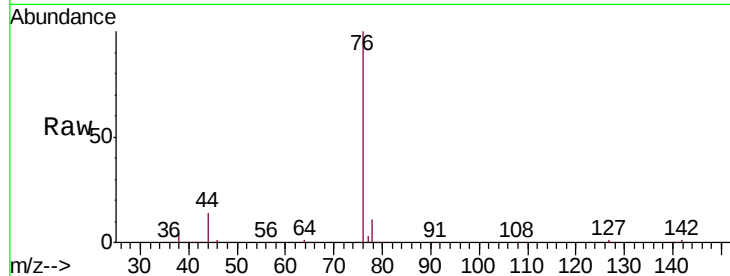
VSTDIC150

Tgt Ion: 76 Resp: 462117

Ion Ratio Lower Upper

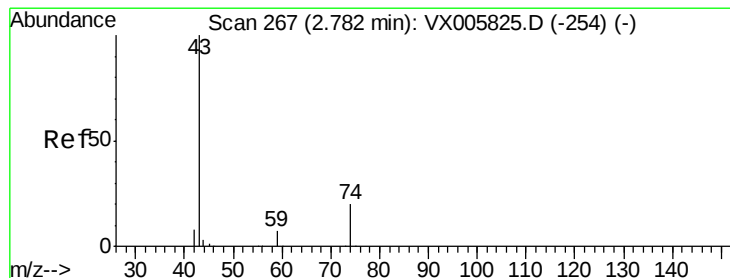
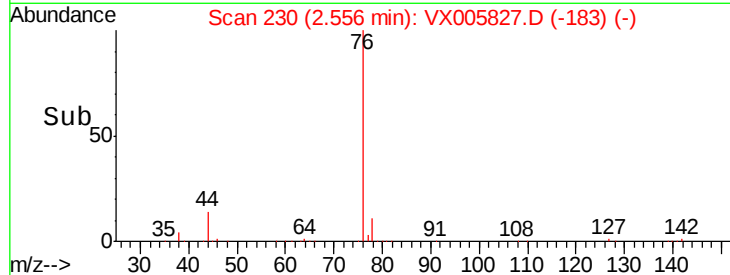
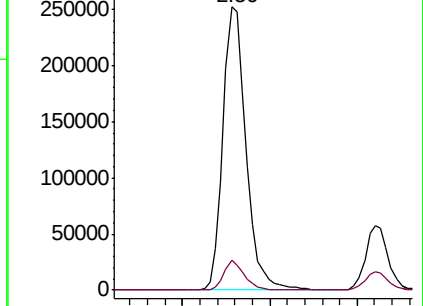
76 100

78 10.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 148.369 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005827.D

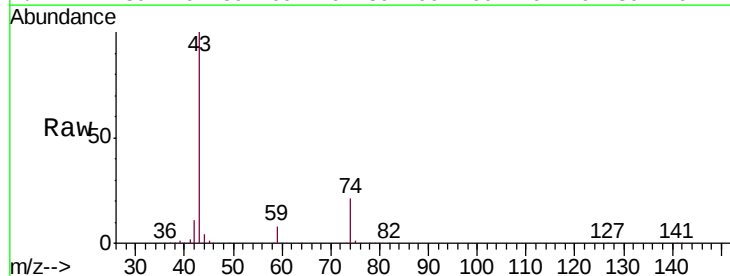
Acq: 07 Nov 2018 14:18

Tgt Ion: 43 Resp: 294508

Ion Ratio Lower Upper

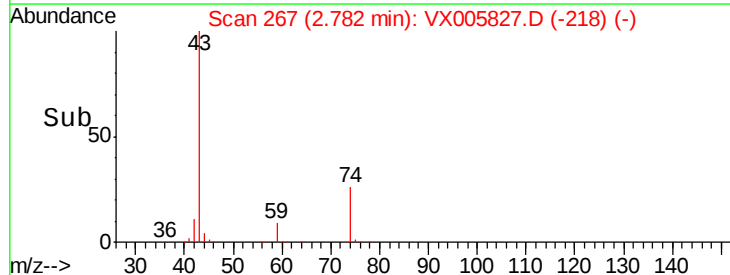
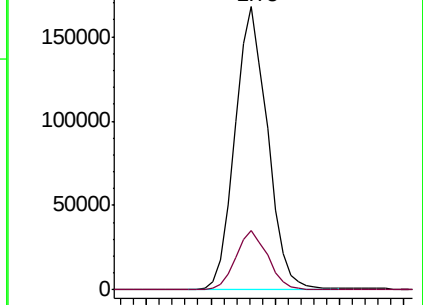
43 100

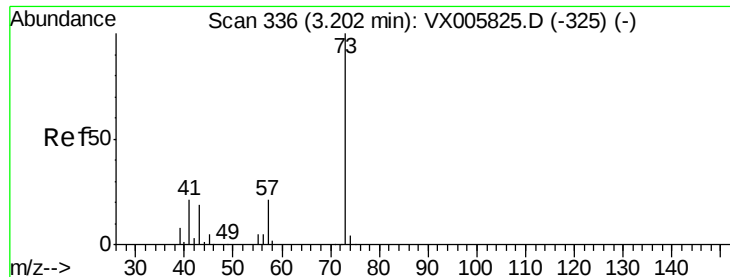
74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

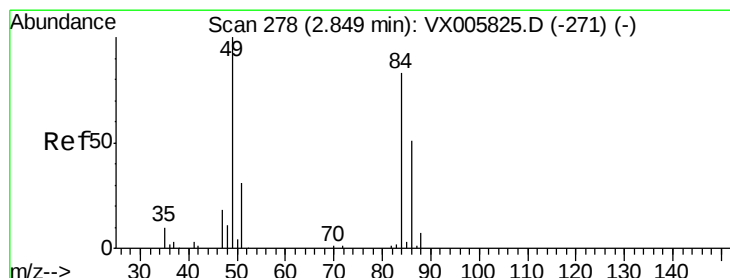
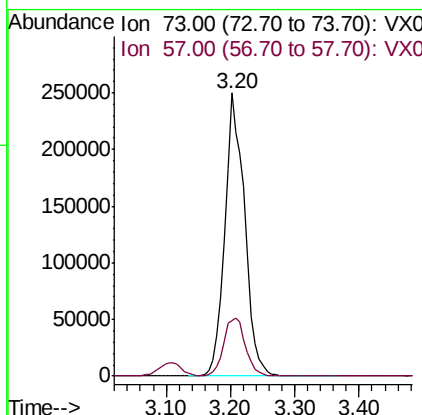
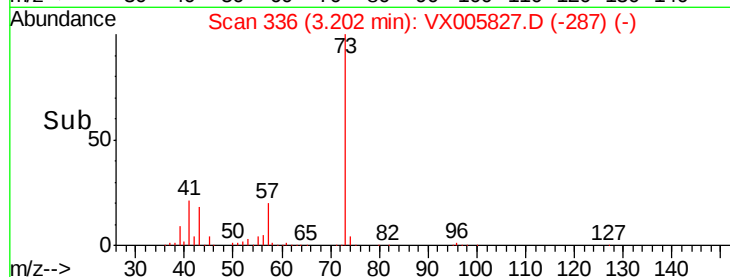
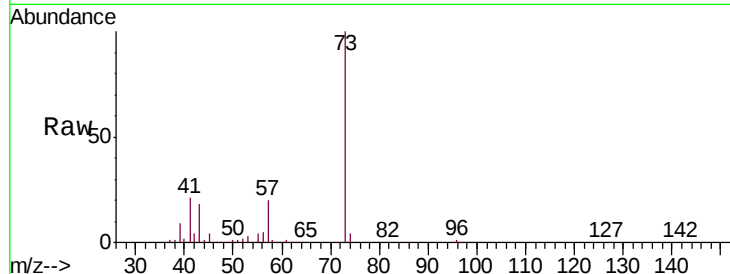




#19
Methyl tert-butyl Ether
Concen: 146.974 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

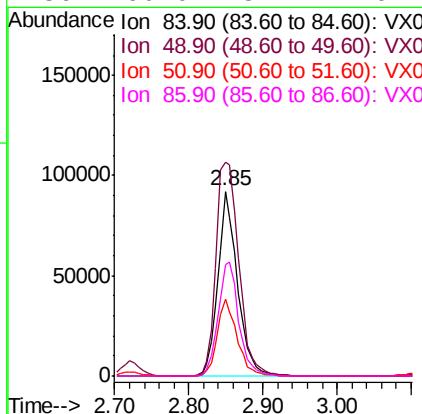
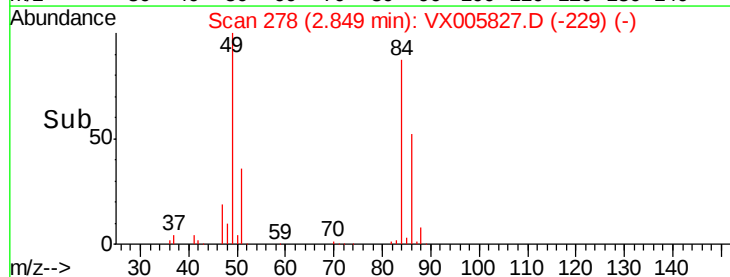
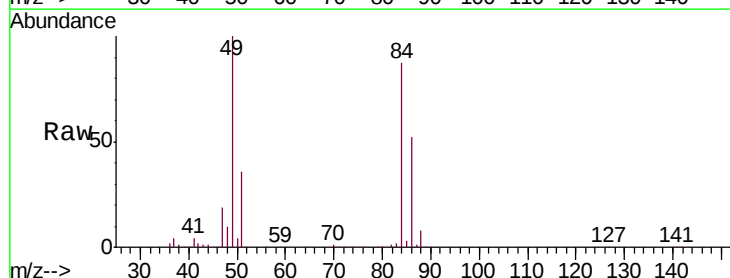
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

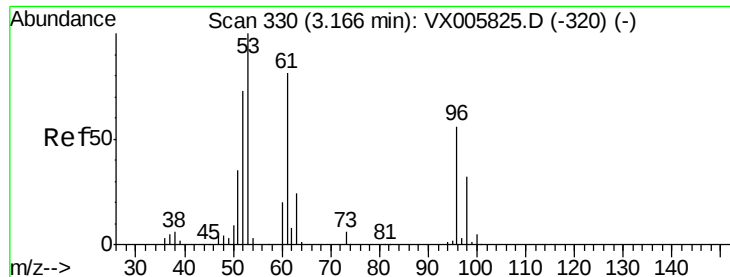
Tgt Ion: 73 Resp: 541211
Ion Ratio Lower Upper
73 100
57 19.8 18.8 28.2



#20
Methylene Chloride
Concen: 133.992 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 84 Resp: 166300
Ion Ratio Lower Upper
84 100
49 115.6 109.5 164.3
51 41.2 33.3 49.9
86 60.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 140.378 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

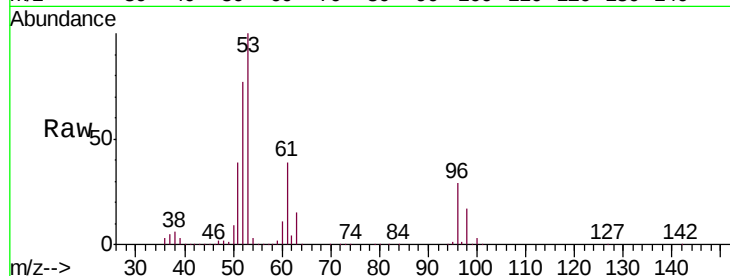
Tgt Ion: 96 Resp: 159746

Ion Ratio Lower Upper

96 100

61 134.5 115.6 173.4

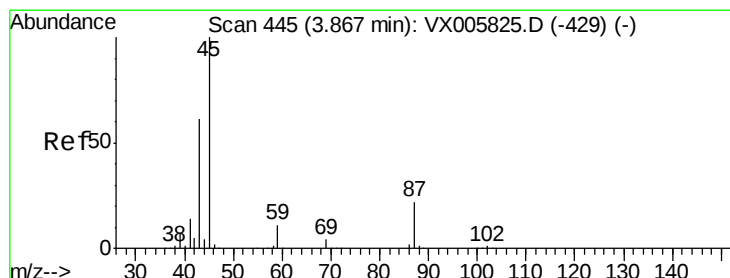
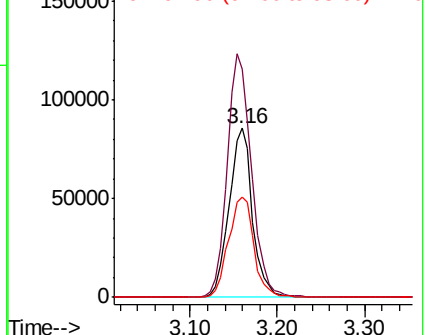
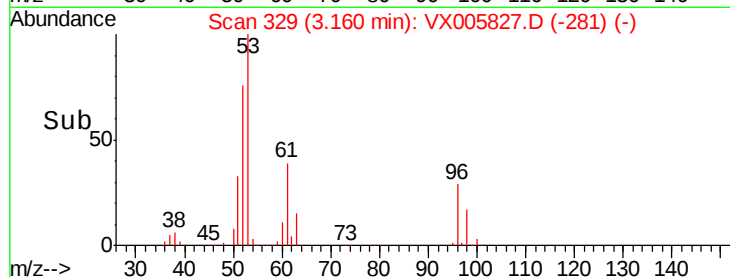
98 59.6 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 144.284 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Tgt Ion: 45 Resp: 609042

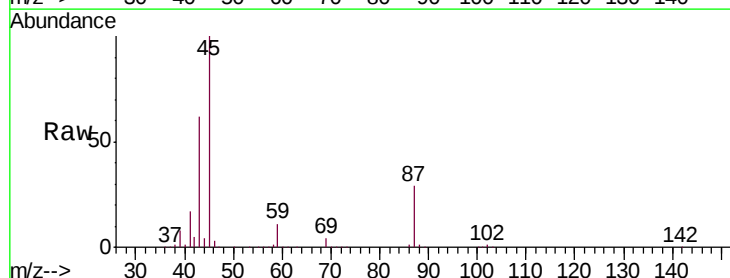
Ion Ratio Lower Upper

45 100

43 62.1 47.4 71.2

87 28.8 15.9 23.9#

59 10.8 7.7 11.5

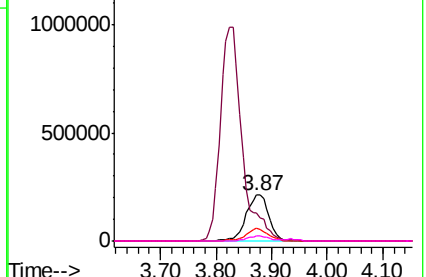
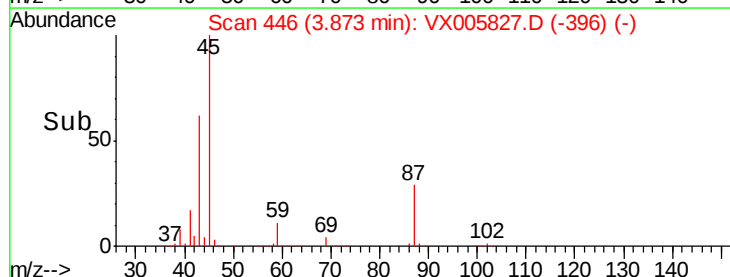


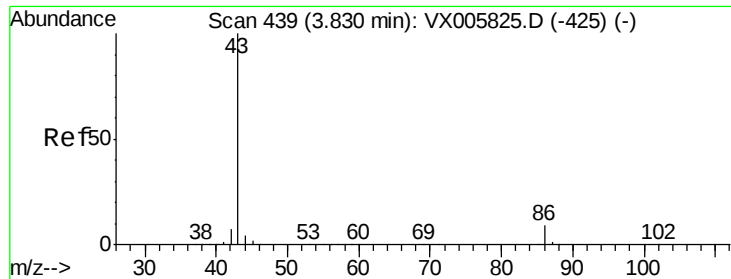
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 743.632 ug/l

RT: 3.83 min Scan# 439

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

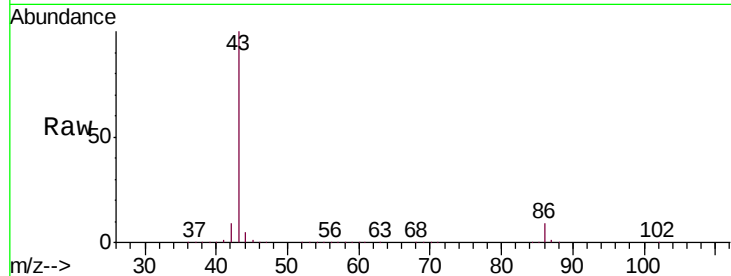
VSTDIC150

Tgt Ion: 43 Resp: 2691397

Ion Ratio Lower Upper

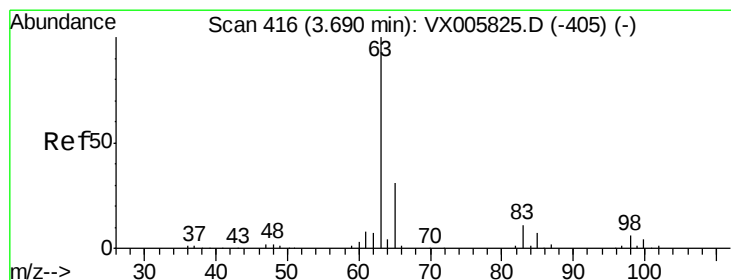
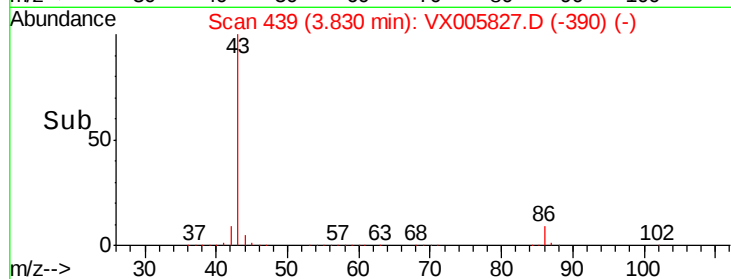
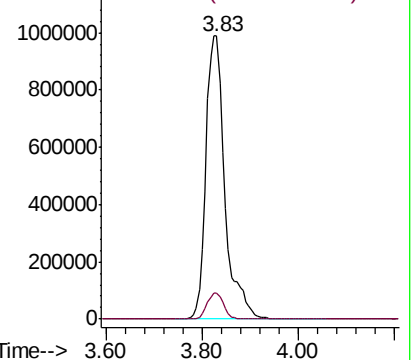
43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 139.429 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

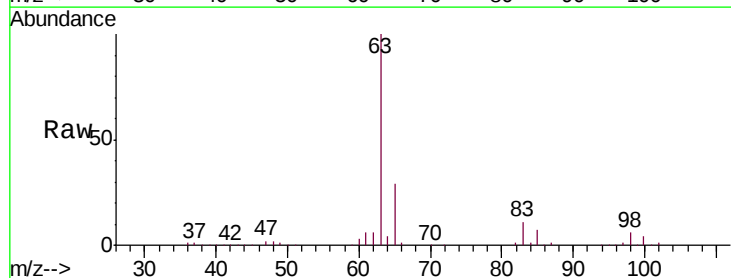
Tgt Ion: 63 Resp: 314002

Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

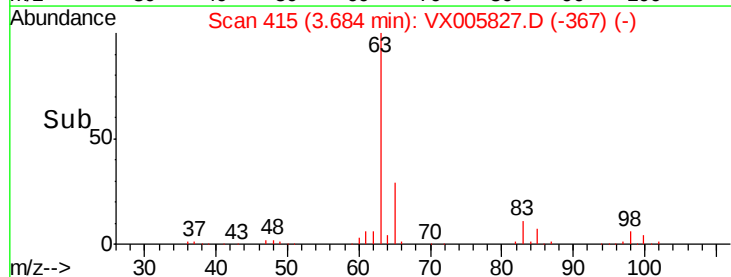
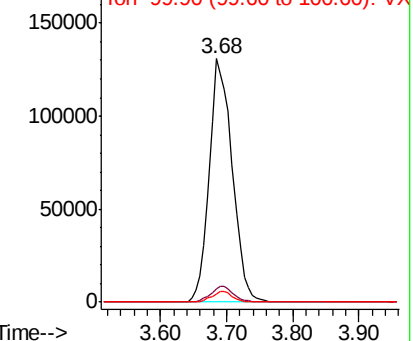
100 3.5 2.1 6.2

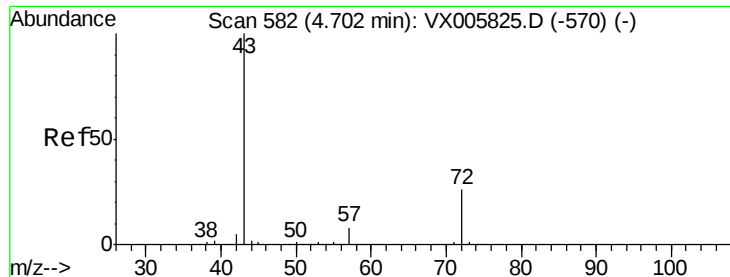


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 771.669 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

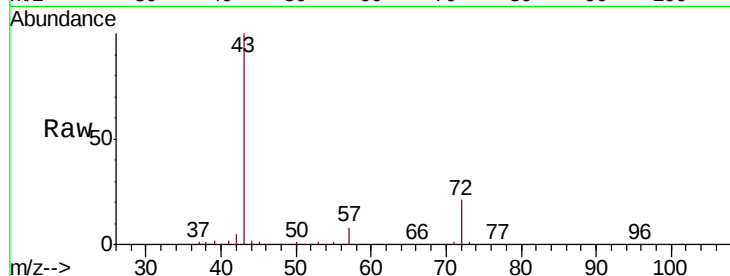
VSTDIC150

Tgt Ion: 43 Resp: 916633

Ion Ratio Lower Upper

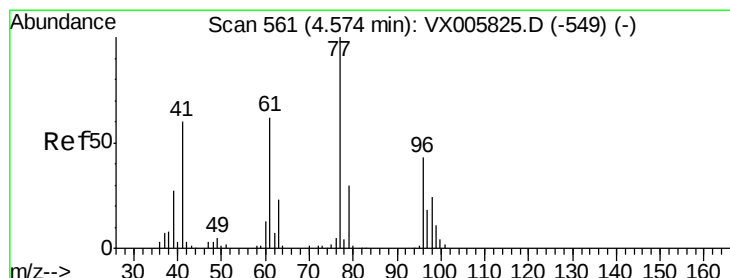
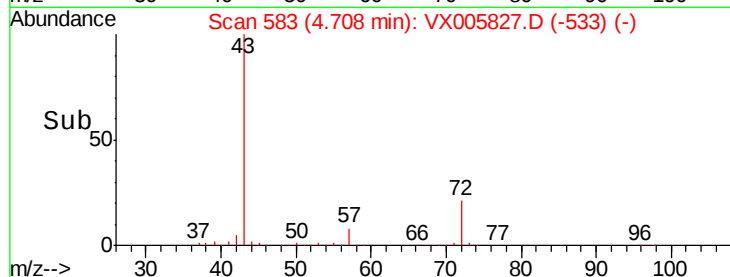
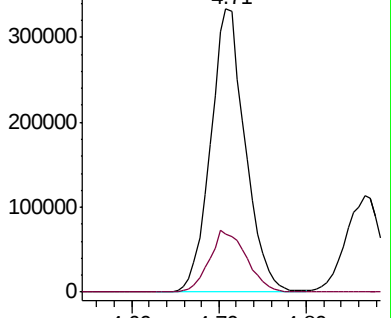
43 100

72 20.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005827.D (-533) (-)

Ion 72.00 (71.70 to 72.70): VX005827.D (-533) (-)



#26

2,2-Dichloropropane

Concen: 146.272 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005827.D

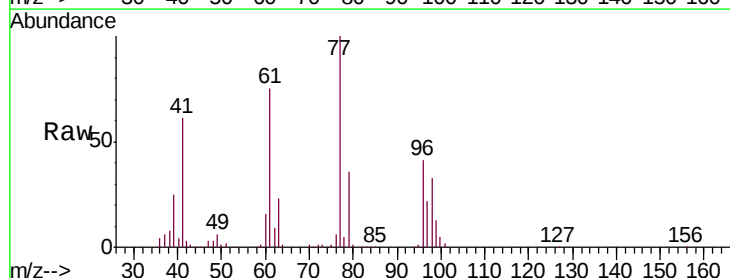
Acq: 07 Nov 2018 14:18

Tgt Ion: 77 Resp: 241640

Ion Ratio Lower Upper

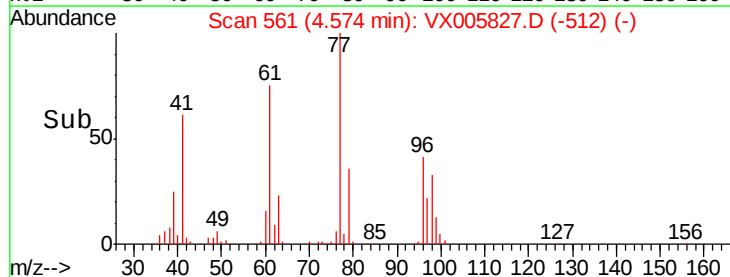
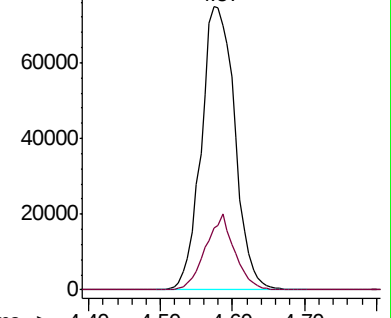
77 100

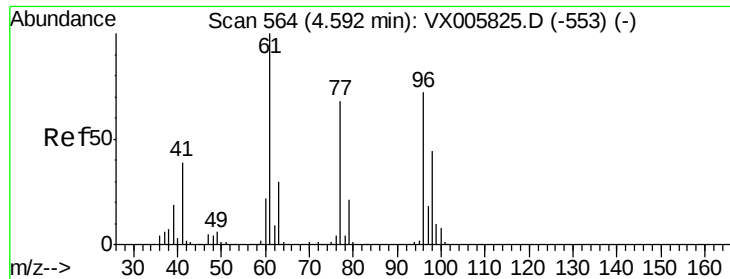
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005827.D (-512) (-)

Ion 96.90 (96.60 to 97.60): VX005827.D (-512) (-)



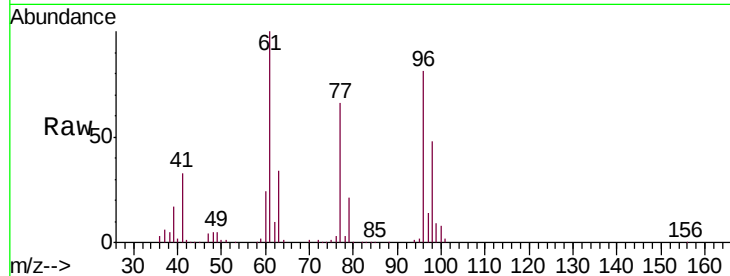


#27

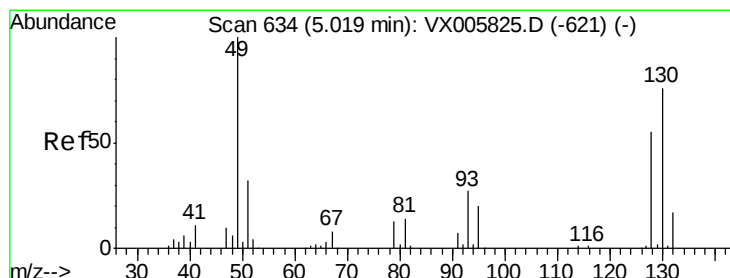
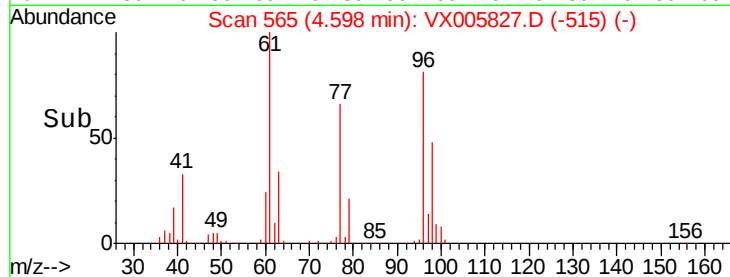
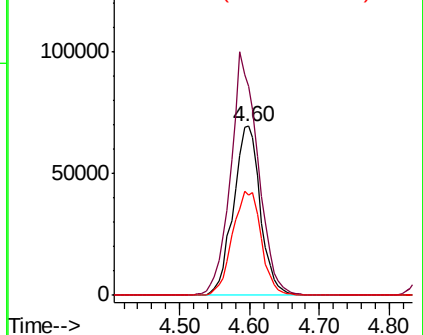
cis-1,2-Dichloroethene
 Concen: 148.001 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 185969
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 304.6
 98 65.6 0.0 127.4



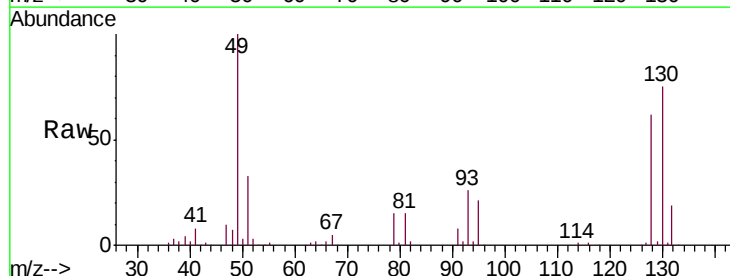
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



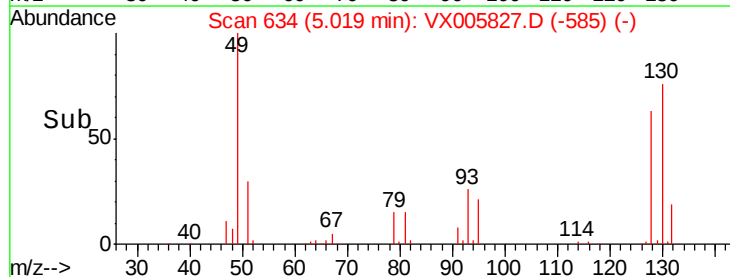
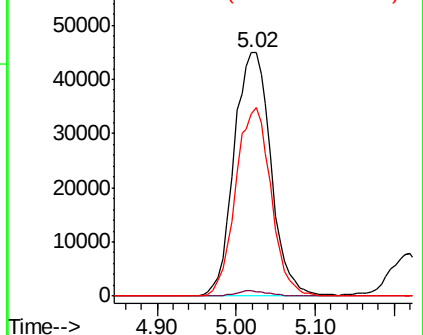
#28

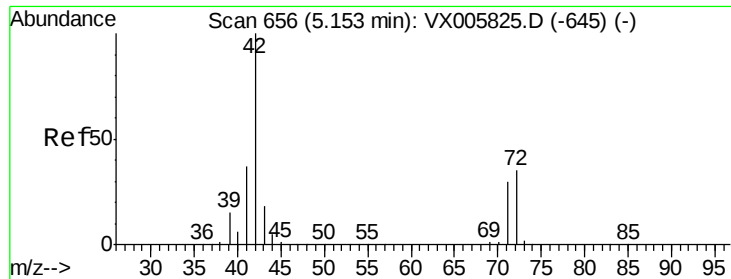
Bromochloromethane
 Concen: 145.042 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 49 Resp: 145983
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 74.0 58.9 88.3



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

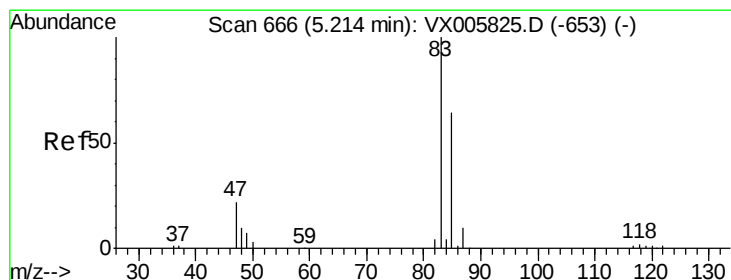
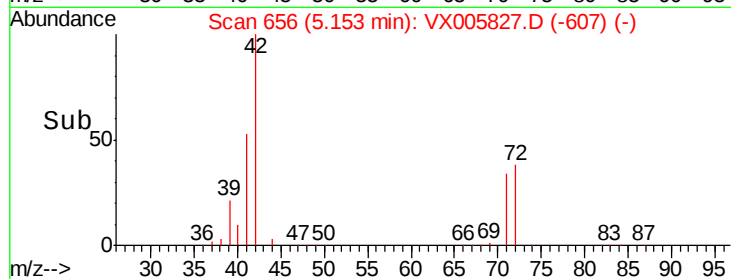
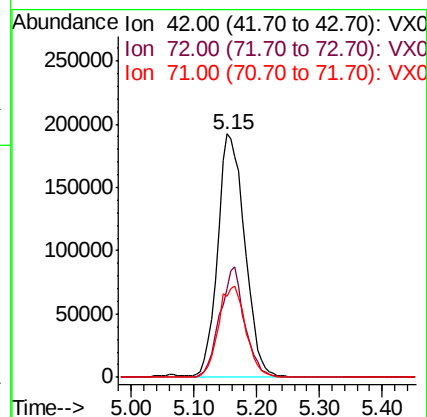
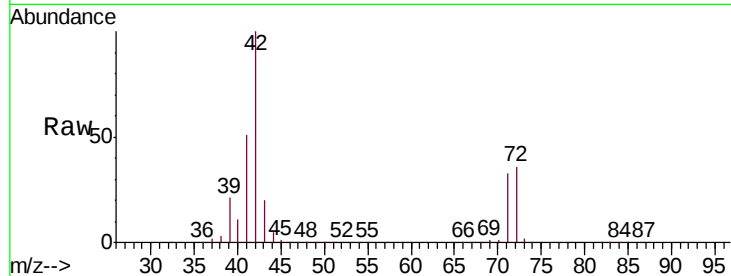




#29
Tetrahydrofuran
Concen: 752.283 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

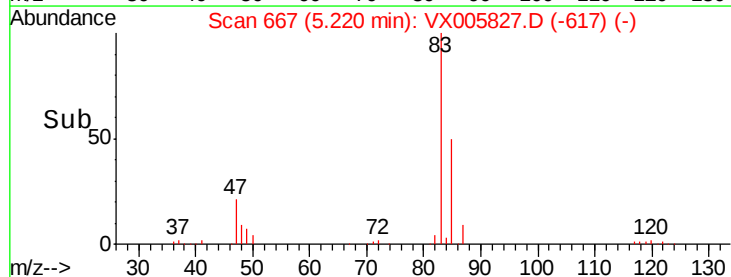
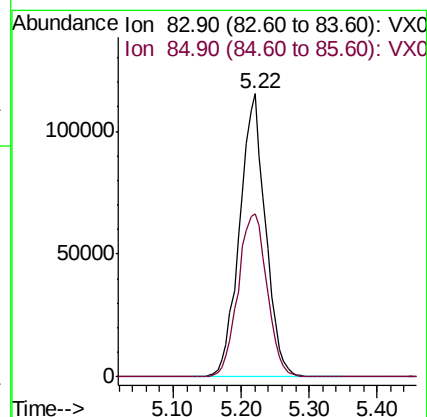
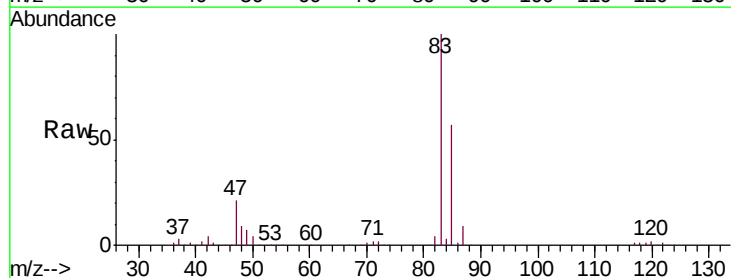
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

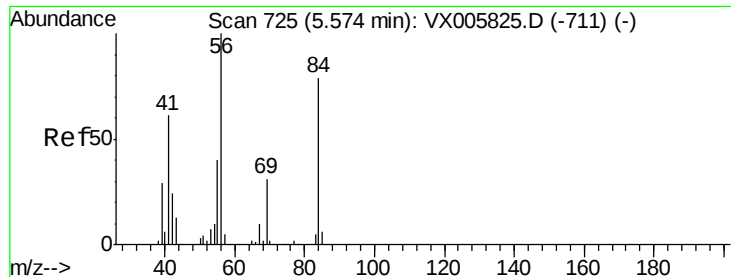
Tgt Ion: 42 Resp: 573761
Ion Ratio Lower Upper
42 100
72 41.7 32.0 48.0
71 37.7 29.8 44.8



#30
Chloroform
Concen: 140.452 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 83 Resp: 305164
Ion Ratio Lower Upper
83 100
85 57.5 50.6 76.0

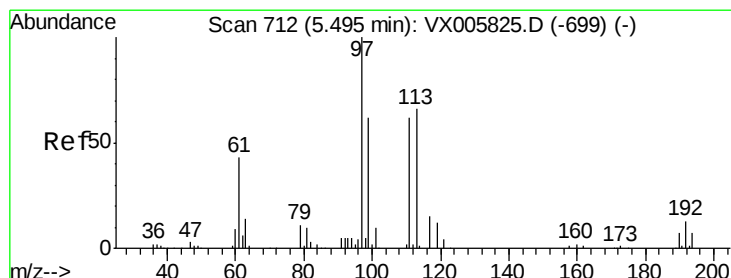
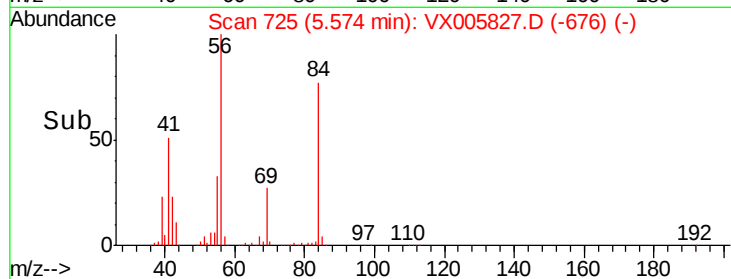
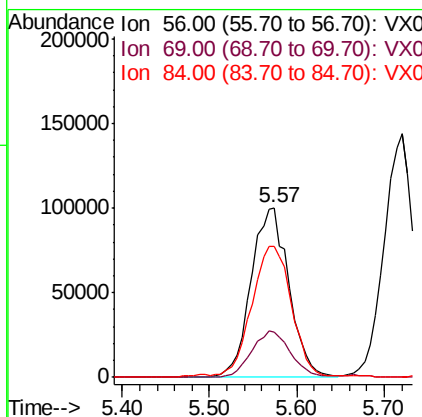
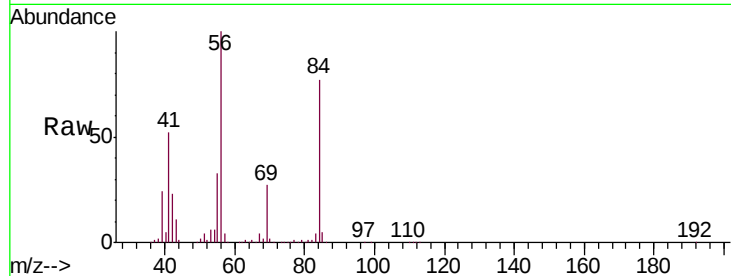




#31
Cyclohexane
Concen: 154.040 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

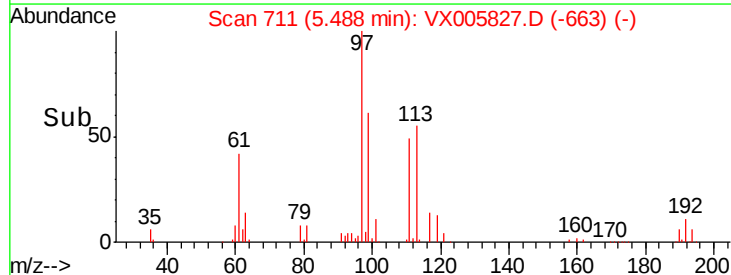
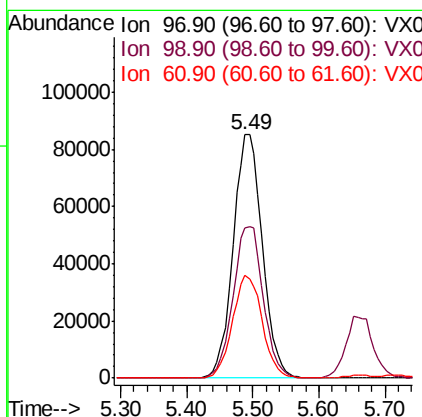
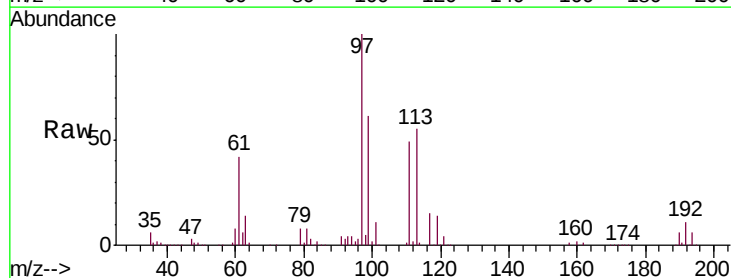
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 301131
Ion Ratio Lower Upper
56 100
69 26.9 22.6 34.0
84 75.9 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 143.599 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 97 Resp: 260240
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 43.1 35.2 52.8

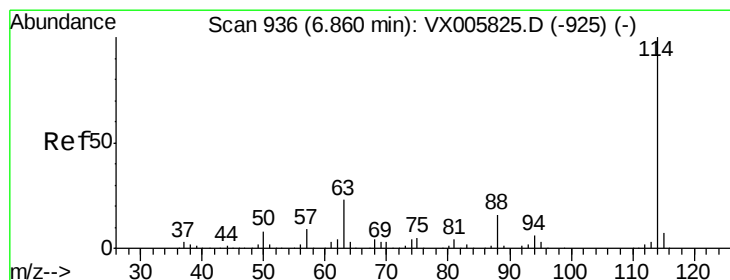
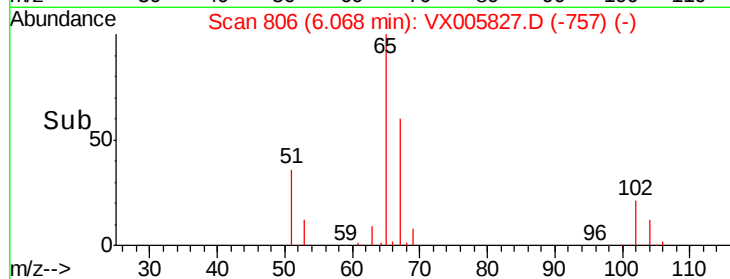
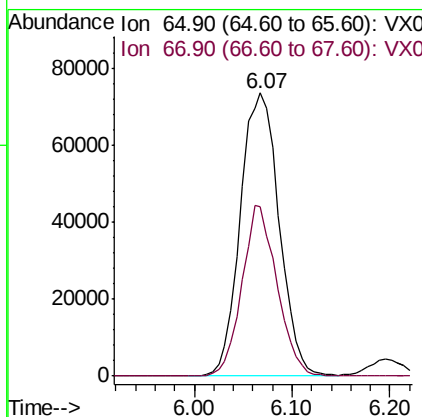
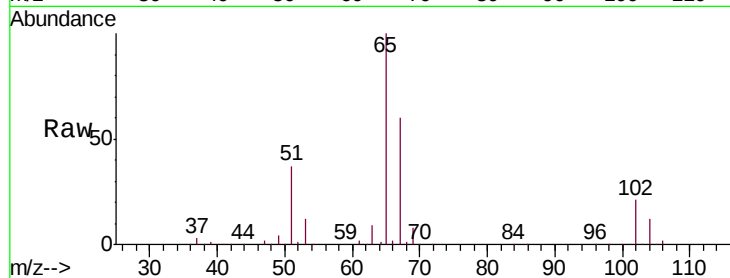




#33
 1,2-Dichloroethane-d4
 Concen: 144.837 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

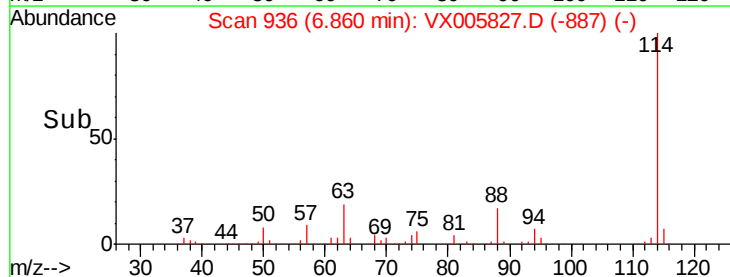
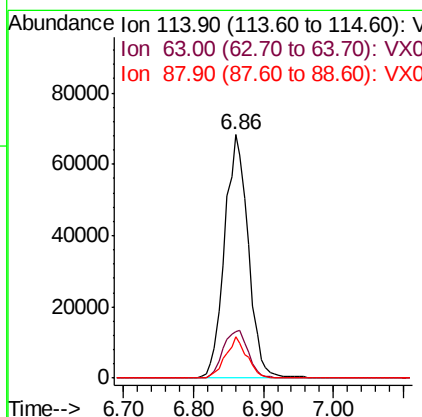
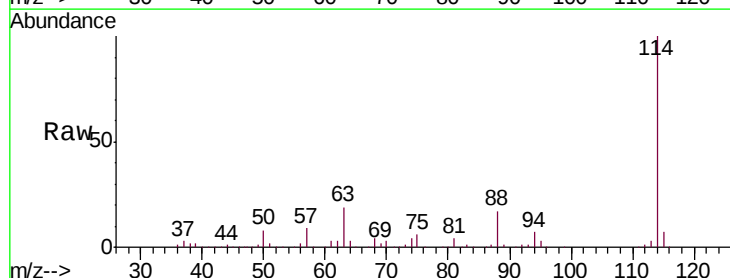
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

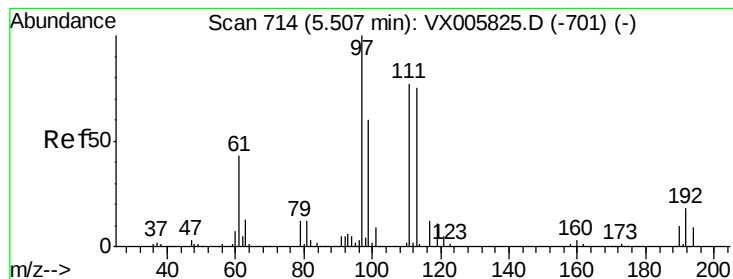
Tgt Ion: 65 Resp: 203246
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 114 Resp: 160894
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.8
 88 17.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 154.275 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

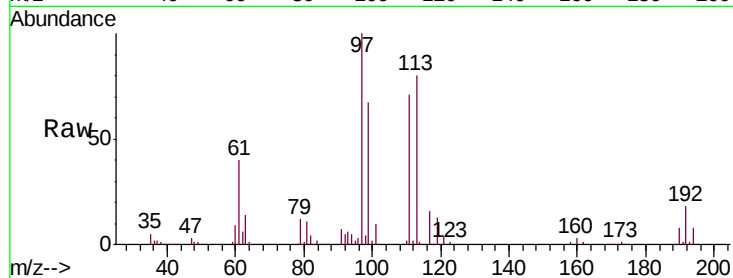
Tgt Ion:113 Resp: 168827

Ion Ratio Lower Upper

113 100

111 96.9 82.3 123.5

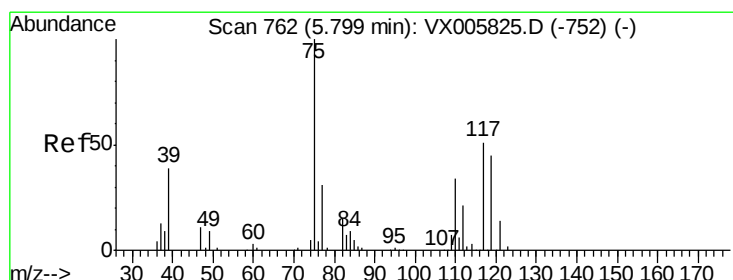
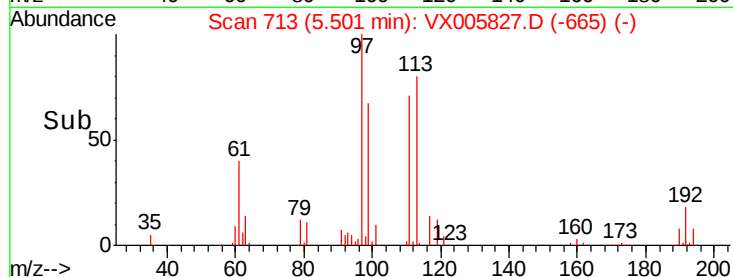
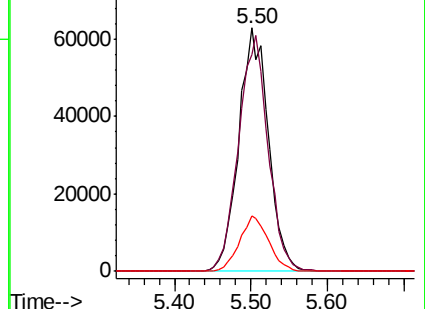
192 22.3 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 153.548 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

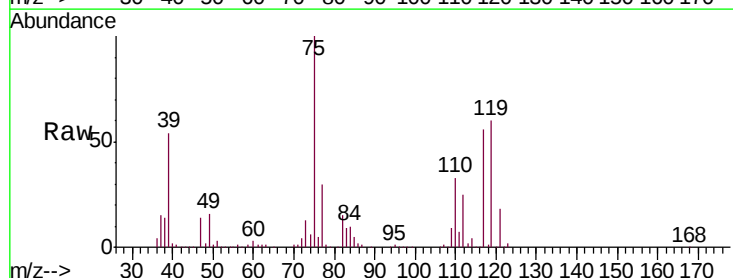
Tgt Ion: 75 Resp: 238161

Ion Ratio Lower Upper

75 100

110 35.0 17.4 52.2

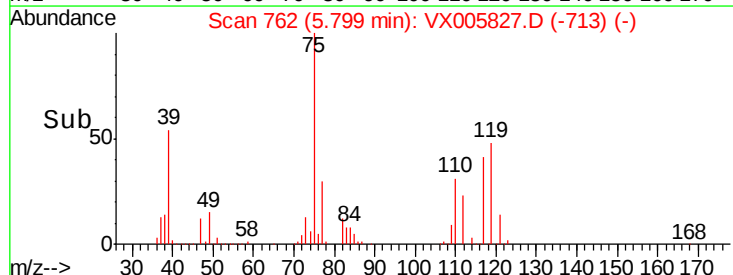
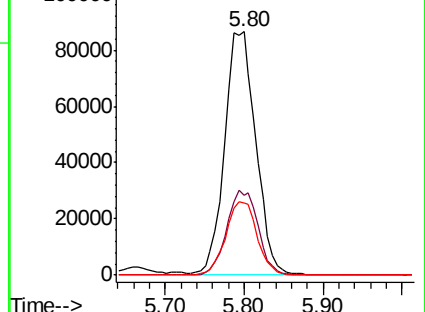
77 30.9 25.8 38.6

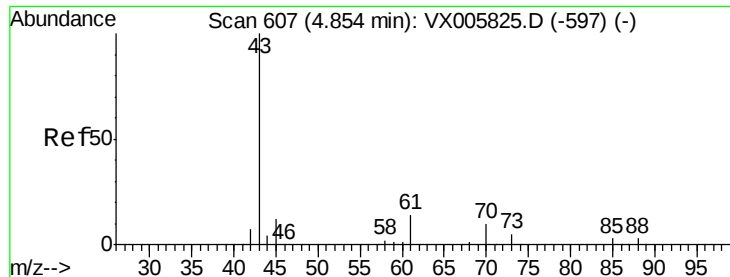


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

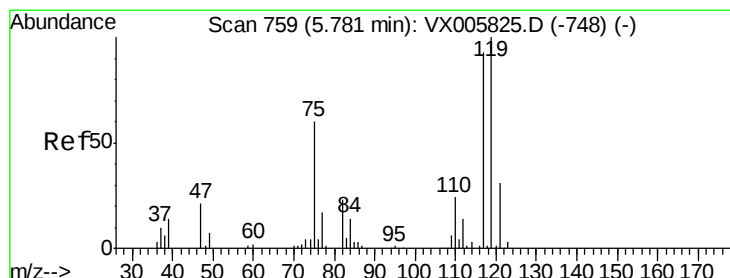
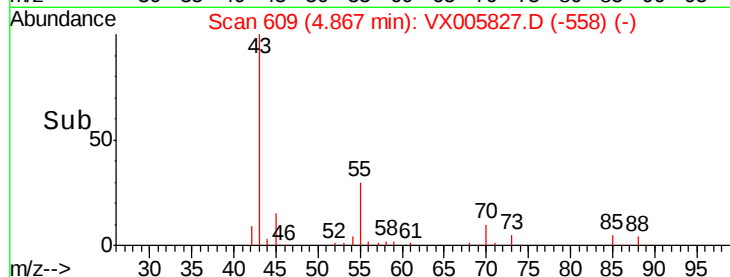
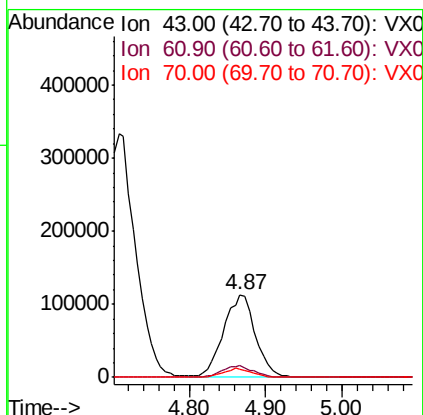
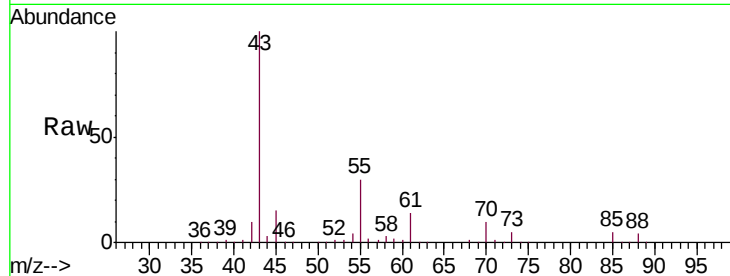




#37
Ethyl Acetate
Concen: 159.551 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

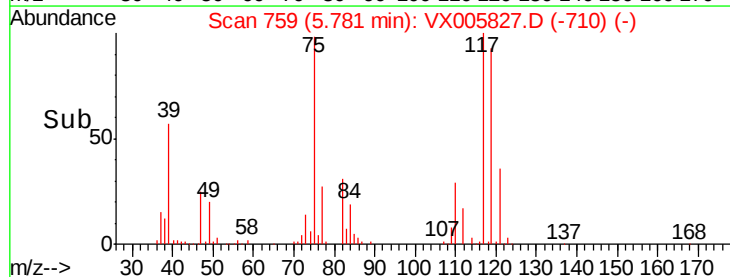
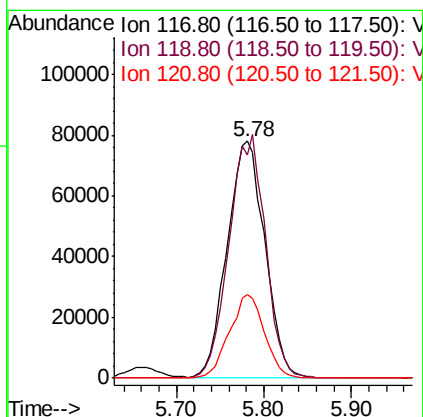
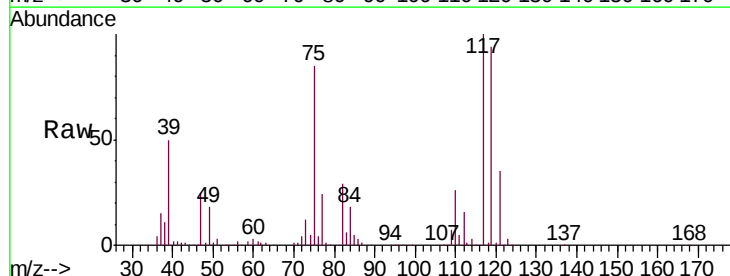
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

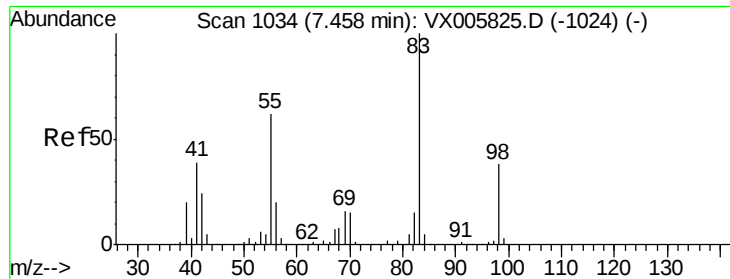
Tgt Ion: 43 Resp: 325431
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 151.161 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 117 Resp: 234721
Ion Ratio Lower Upper
117 100
119 94.1 78.1 117.1
121 35.2 24.6 36.8

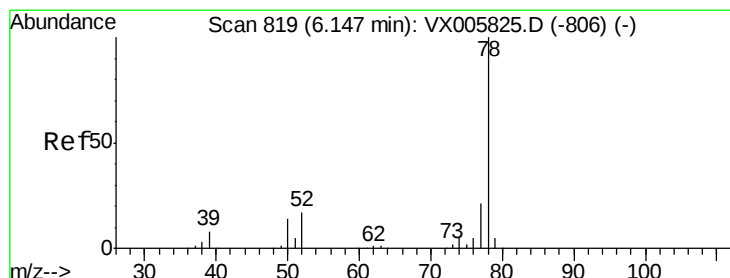
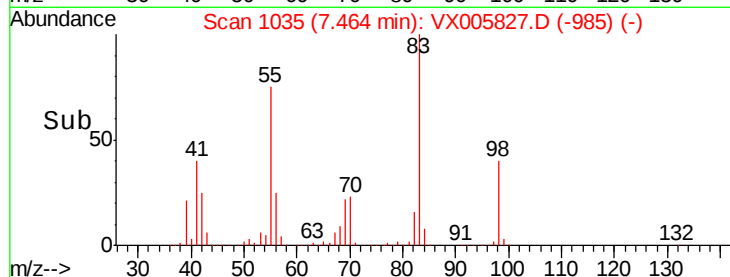
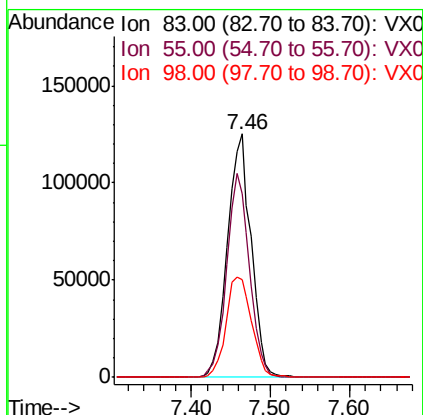
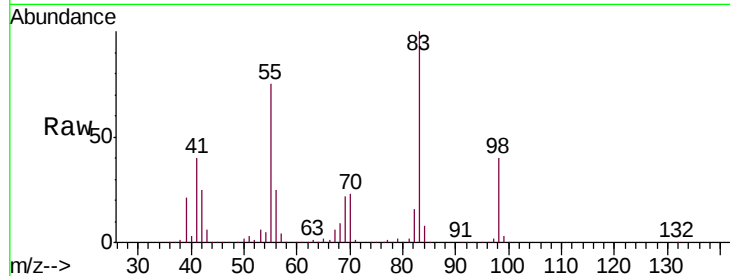




#39
Methylcyclohexane
Concen: 165.358 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

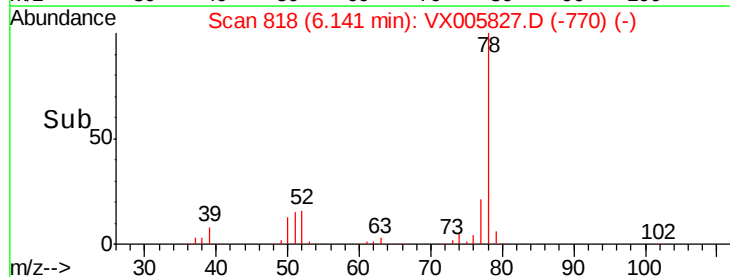
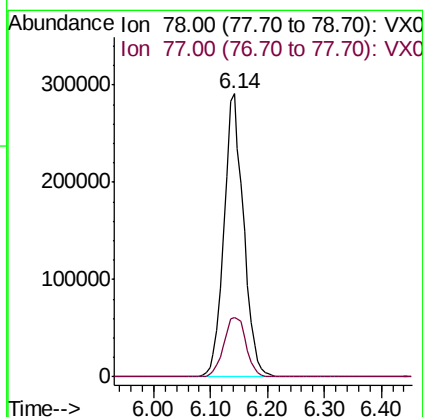
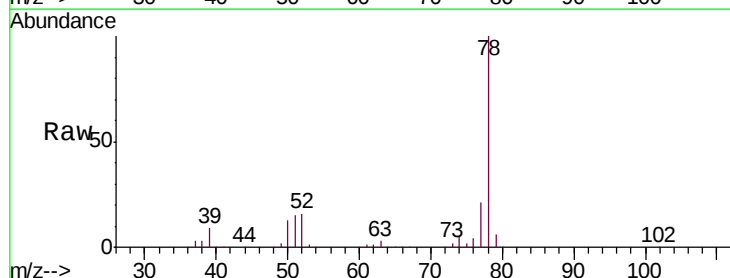
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

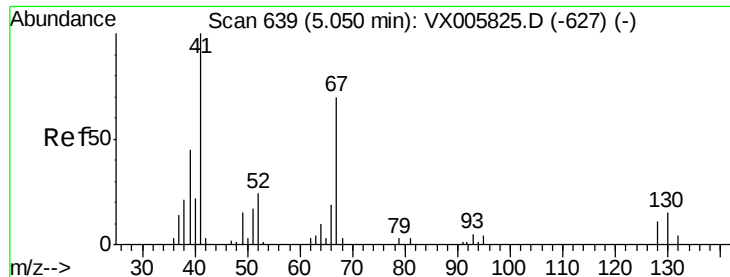
Tgt Ion: 83 Resp: 259950
Ion Ratio Lower Upper
83 100
55 75.1 63.7 95.5
98 40.1 36.2 54.2



#40
Benzene
Concen: 153.806 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 78 Resp: 695462
Ion Ratio Lower Upper
78 100
77 21.0 18.4 27.6

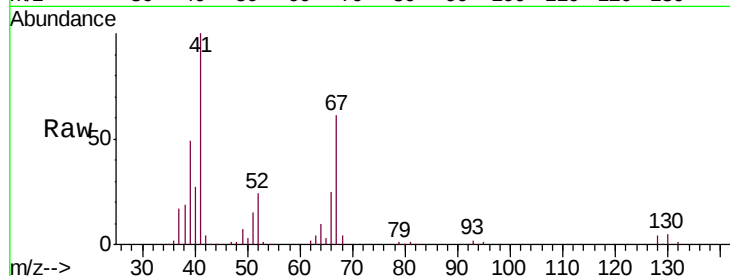




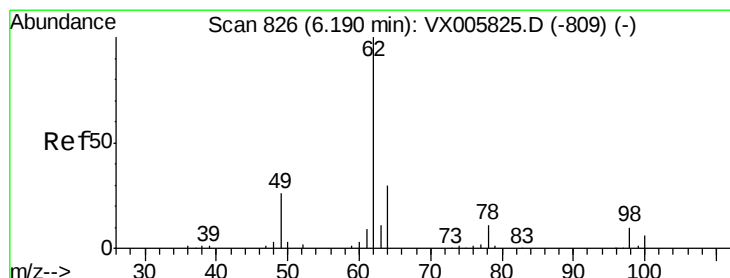
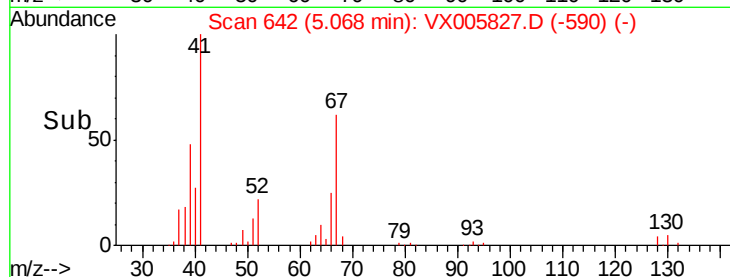
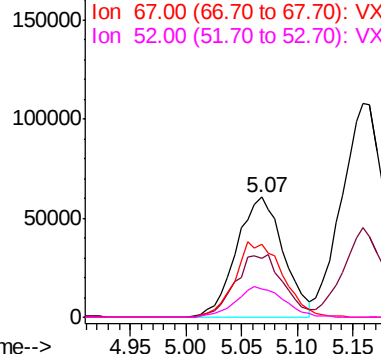
#41
Methacrylonitrile
Concen: 161.365 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.02 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:	41	Resp:	177845
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.2	63.2
67	64.2	53.4	80.0
52	26.7	23.4	35.2

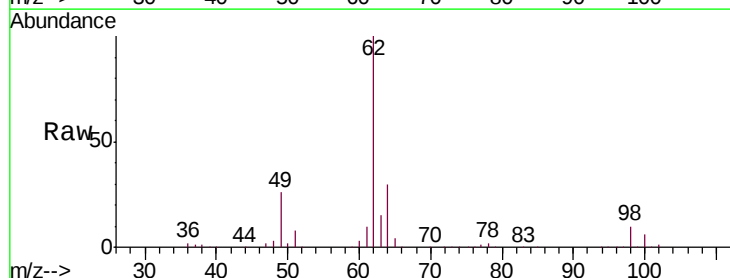


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

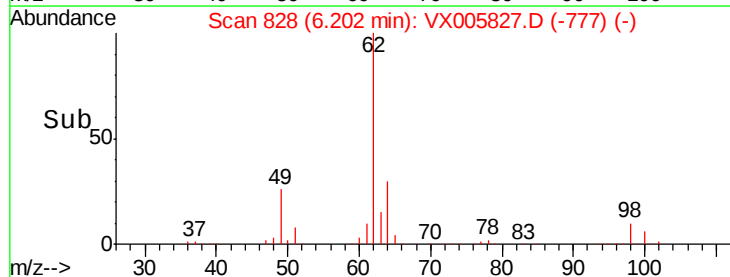
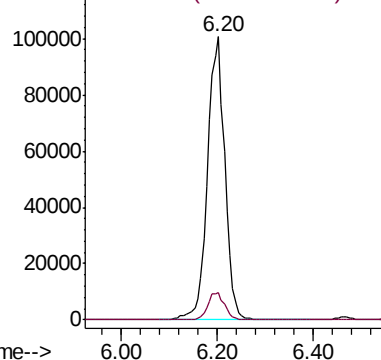


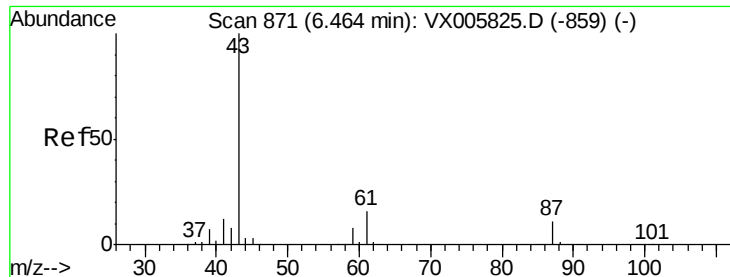
#42
1,2-Dichloroethane
Concen: 156.344 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion:	62	Resp:	253207
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 166.136 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

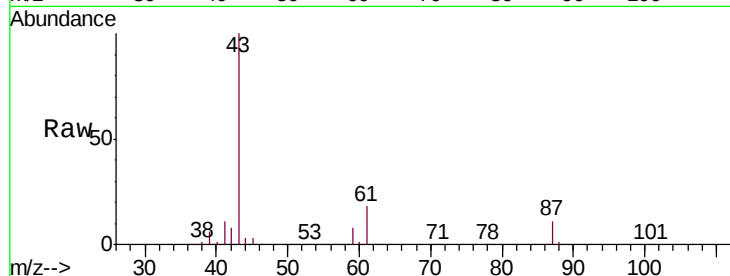
Tgt Ion: 43 Resp: 491016

Ion Ratio Lower Upper

43 100

61 19.7 14.6 22.0

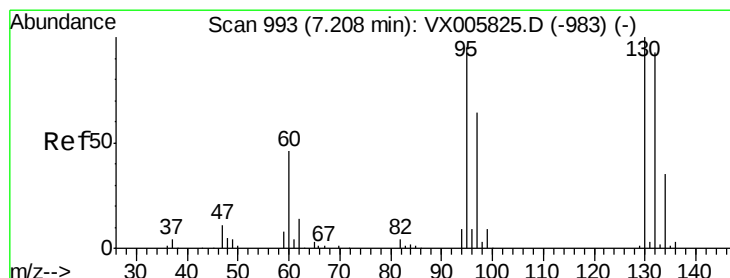
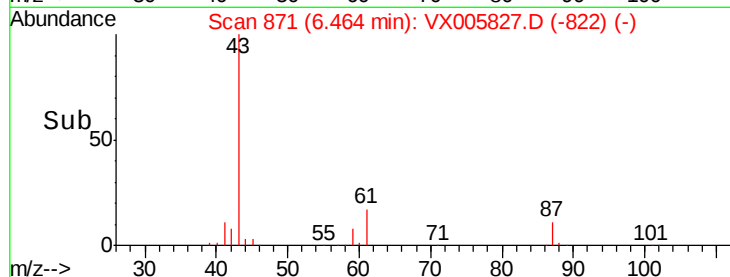
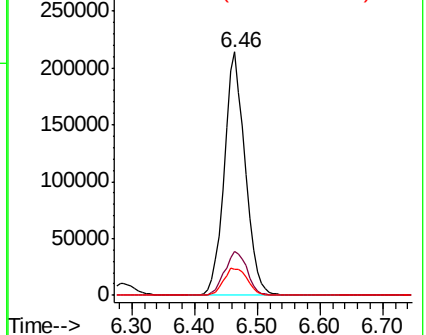
87 12.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 152.152 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX005827.D

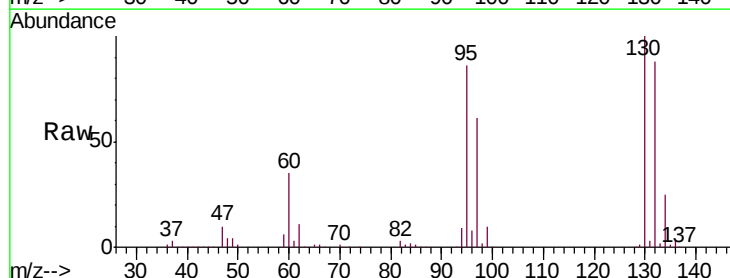
Acq: 07 Nov 2018 14:18

Tgt Ion: 130 Resp: 174716

Ion Ratio Lower Upper

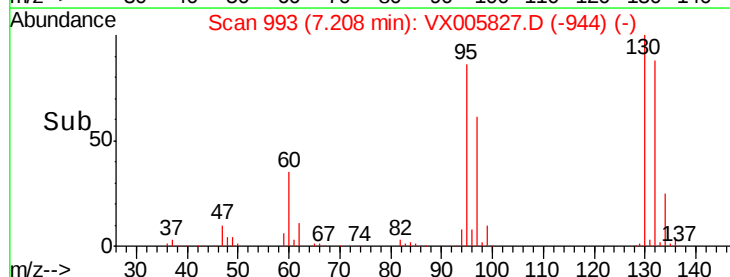
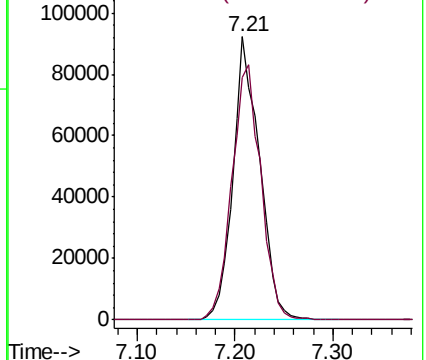
130 100

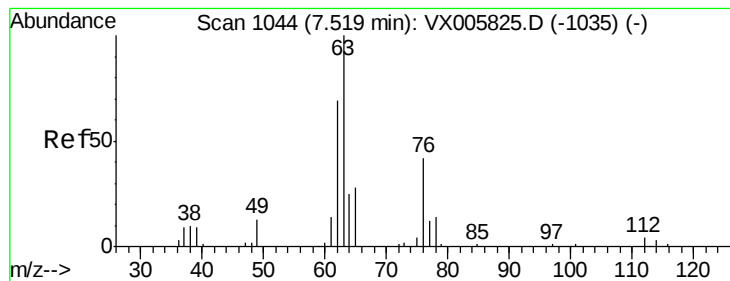
95 85.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 154.403 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

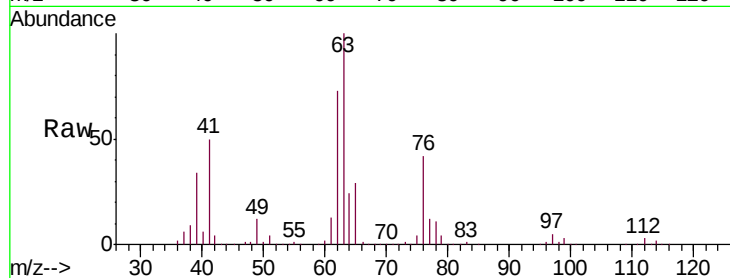
VSTDIC150

Tgt Ion: 63 Resp: 169456

Ion Ratio Lower Upper

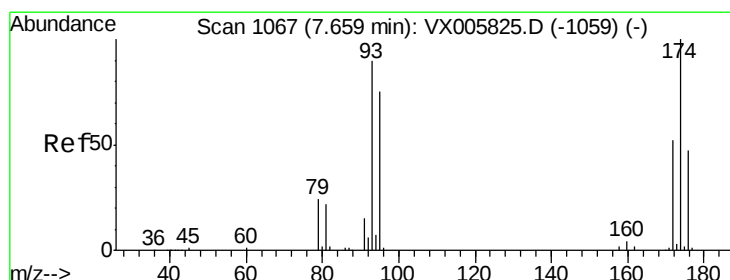
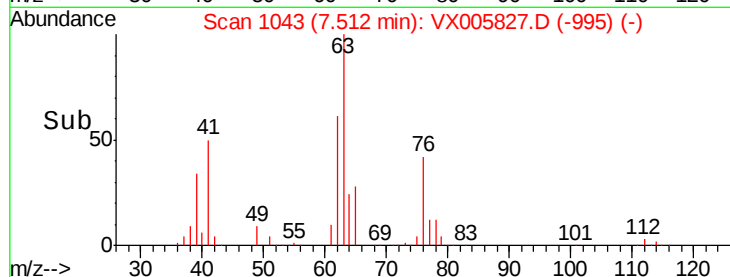
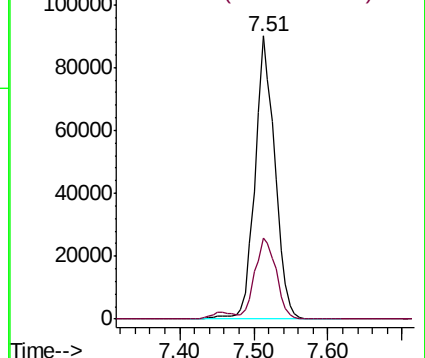
63 100

65 28.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 157.002 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

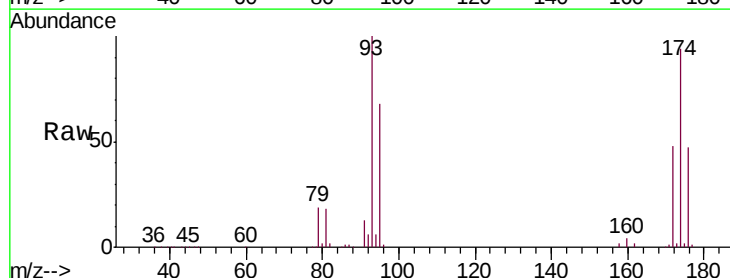
Tgt Ion: 93 Resp: 108125

Ion Ratio Lower Upper

93 100

95 80.3 67.4 101.0

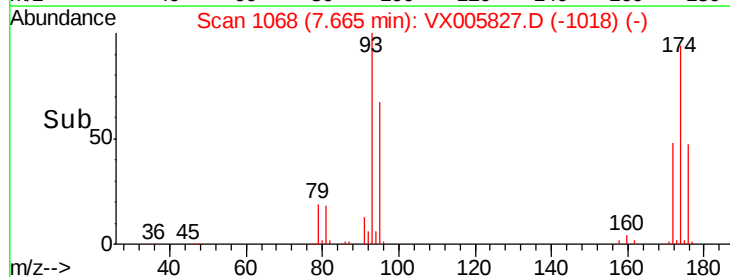
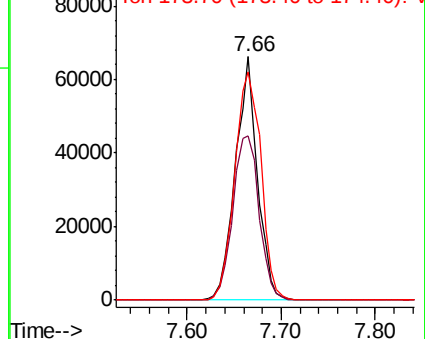
174 111.3 91.5 137.3

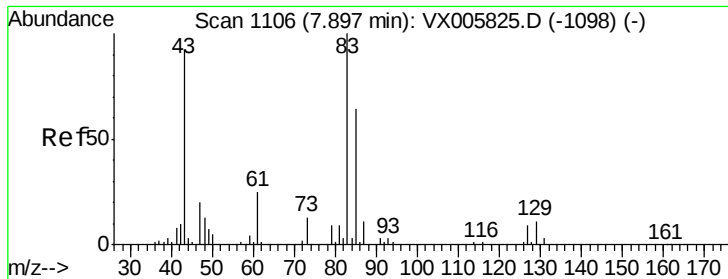


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 158.244 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

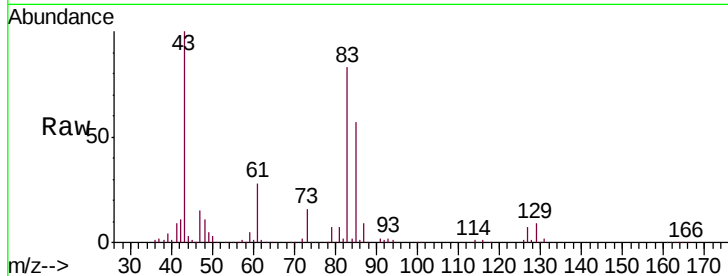
Tgt Ion: 83 Resp: 205958

Ion Ratio Lower Upper

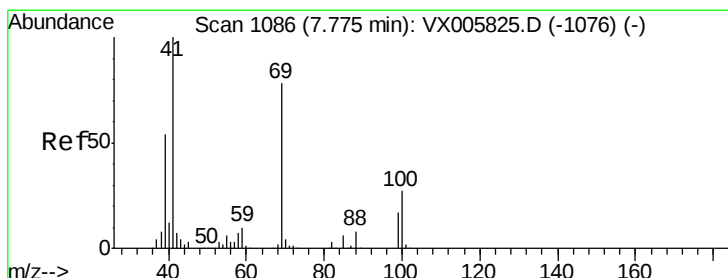
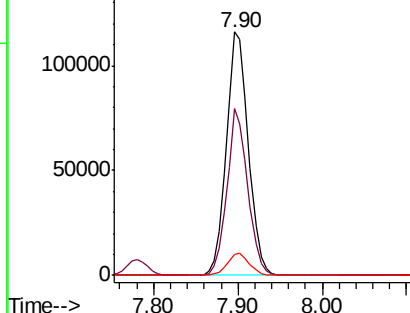
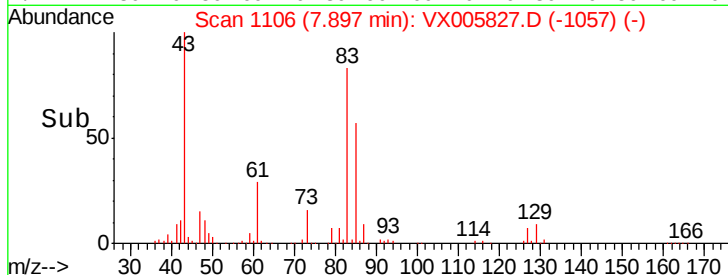
83 100

85 68.7 50.2 75.4

127 8.4 6.9 10.3



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



#48

Methyl methacrylate

Concen: 164.828 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

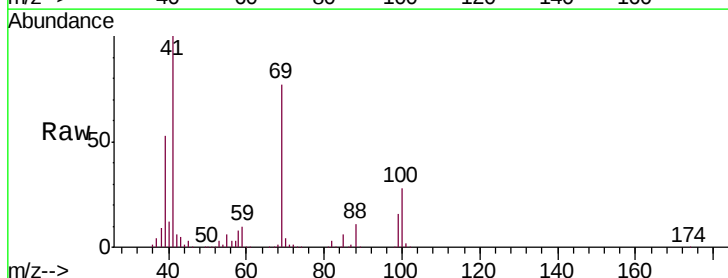
Tgt Ion: 41 Resp: 218741

Ion Ratio Lower Upper

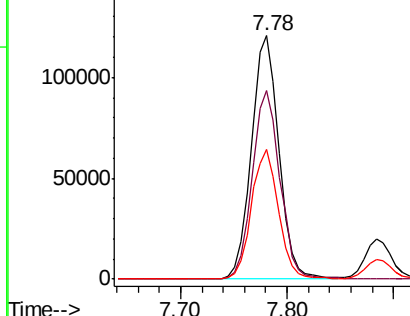
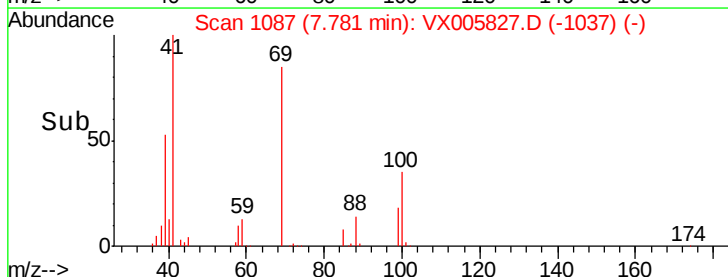
41 100

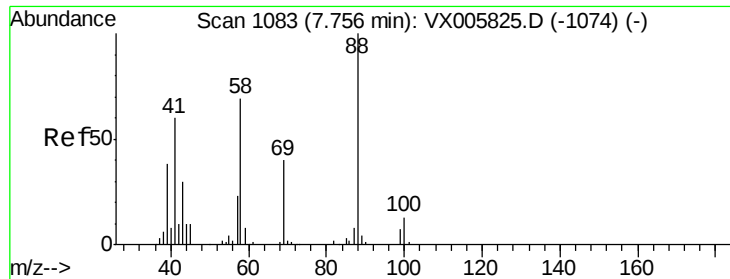
69 78.6 63.2 94.8

39 52.5 42.2 63.2



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

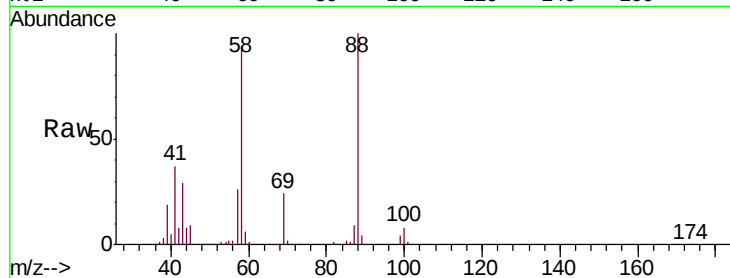




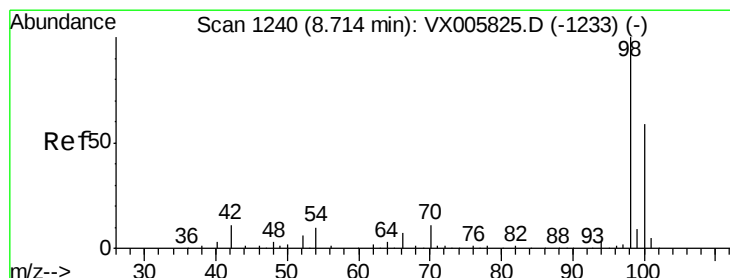
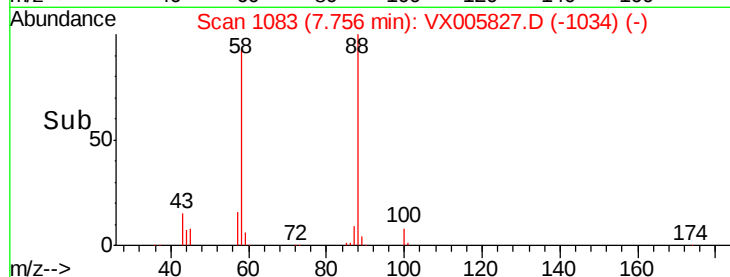
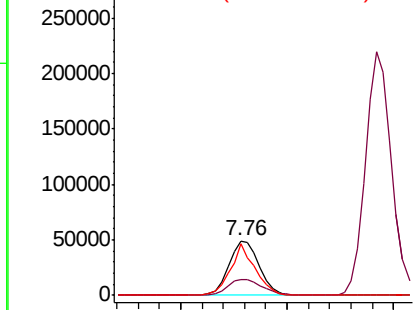
#49
1,4-Dioxane
Concen: 3412.636 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 97590
Ion Ratio Lower Upper
88 100
43 33.6 27.4 41.0
58 77.1 59.4 89.2

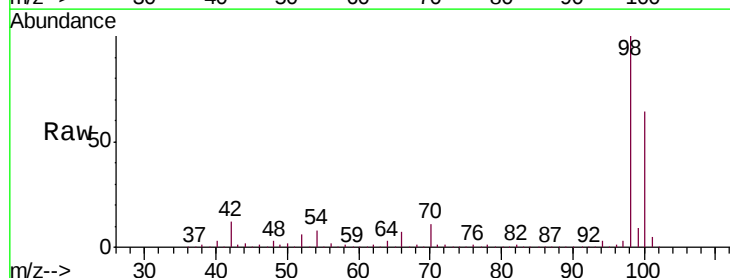


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

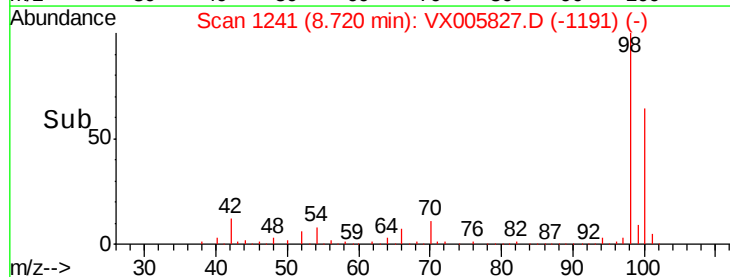
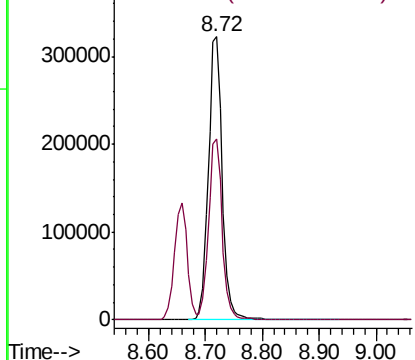


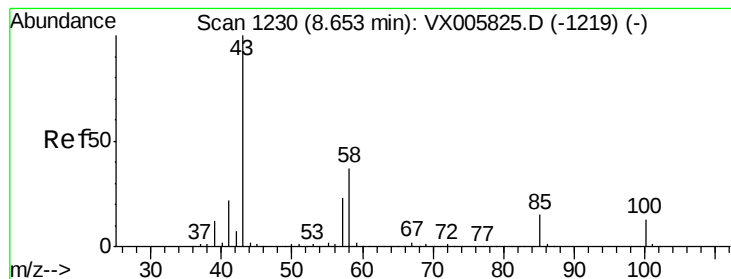
#50
Toluene-d8
Concen: 150.045 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 98 Resp: 545886
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 831.008 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

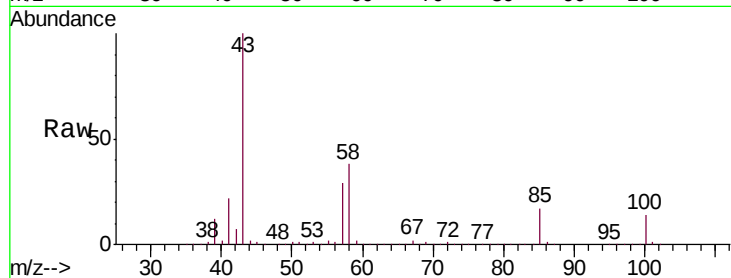
VSTDIC150

Tgt Ion: 43 Resp: 1547900

Ion Ratio Lower Upper

43 100

58 39.6 29.7 44.5



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

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

8.66

1000000

800000

600000

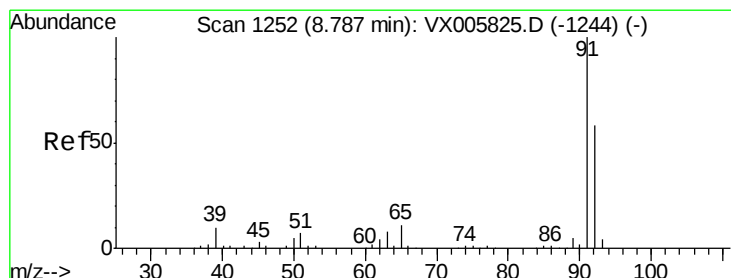
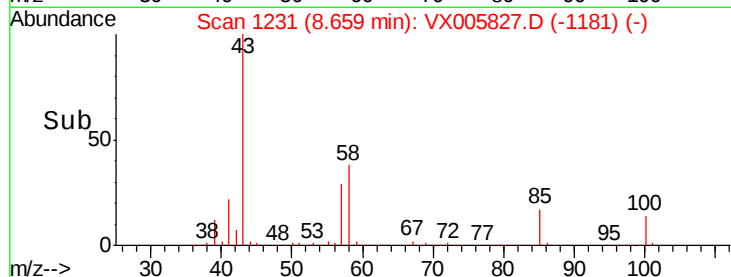
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 150.826 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005827.D

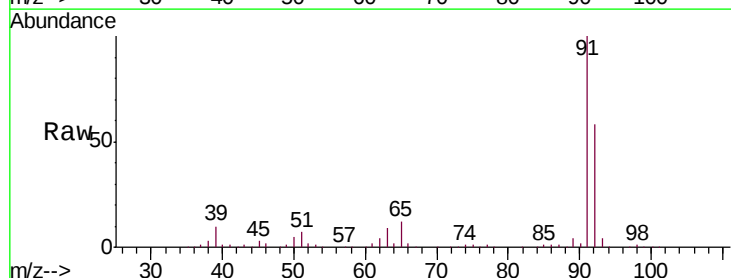
Acq: 07 Nov 2018 14:18

Tgt Ion: 92 Resp: 381156

Ion Ratio Lower Upper

92 100

91 174.3 140.4 210.6



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

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

8.79

500000

400000

300000

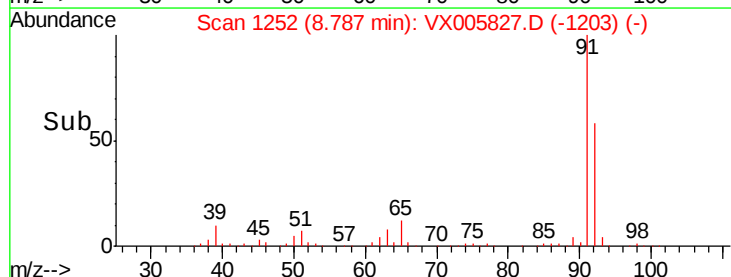
200000

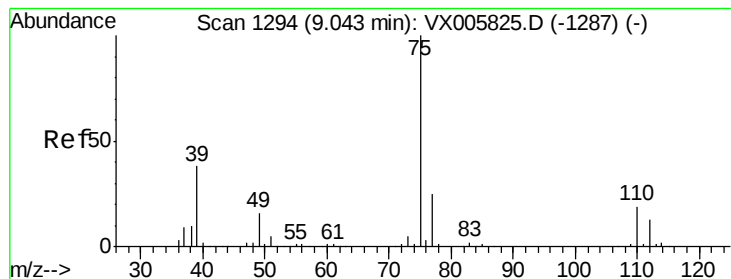
100000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 163.101 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

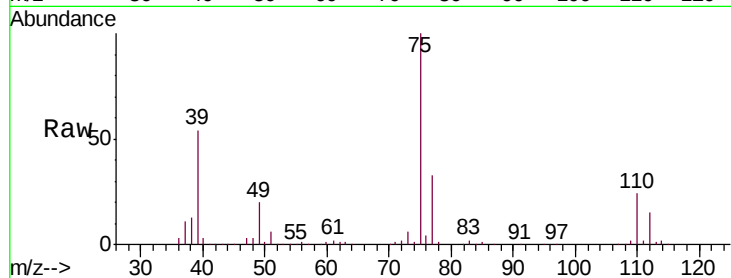
VSTDIC150

Tgt Ion: 75 Resp: 250510

Ion Ratio Lower Upper

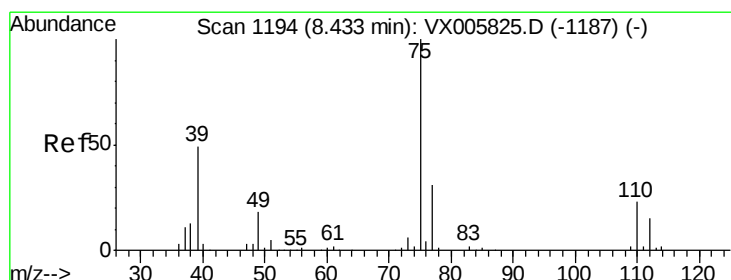
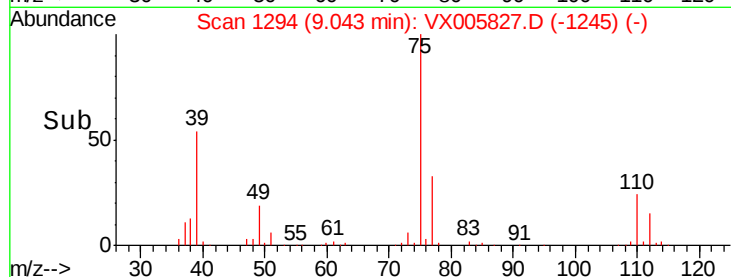
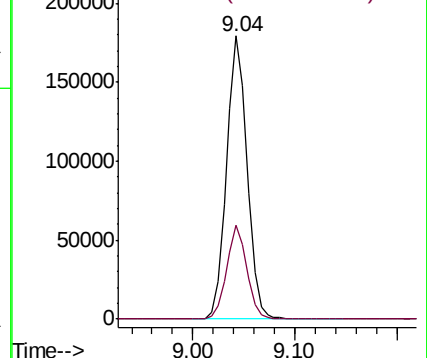
75 100

77 33.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 161.002 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

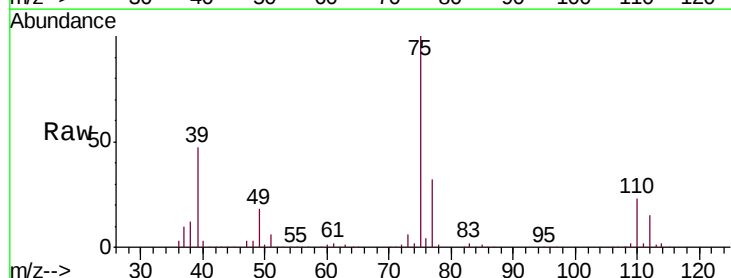
Tgt Ion: 75 Resp: 252047

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

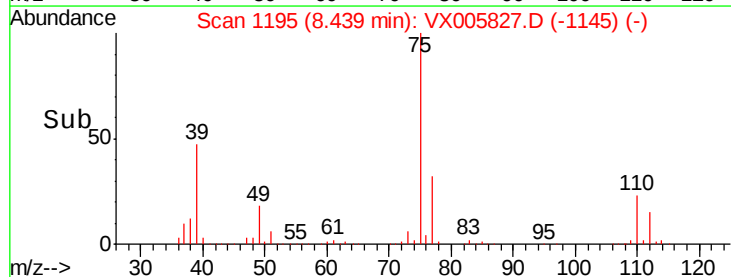
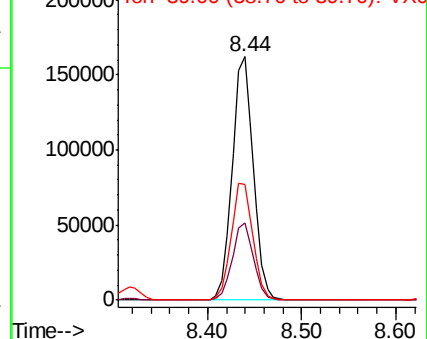
39 47.2 38.2 57.2

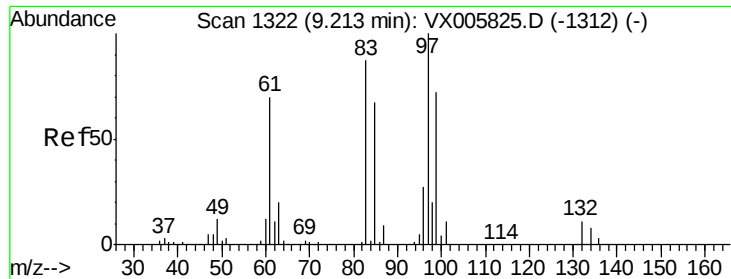


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

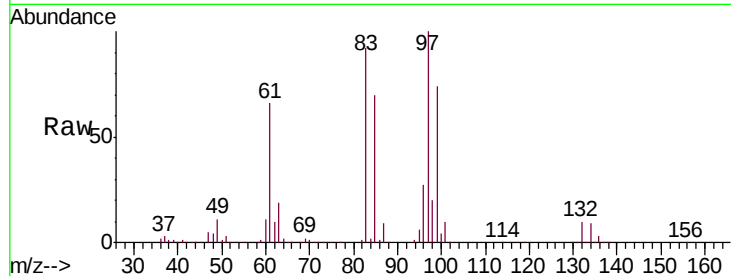




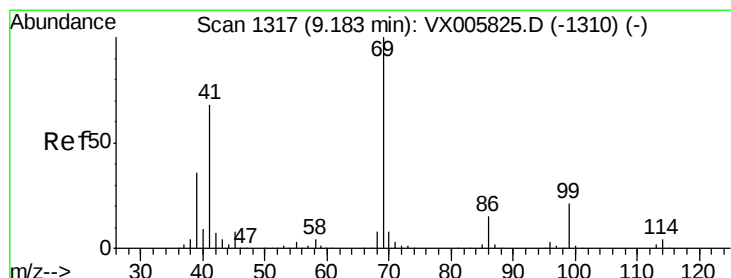
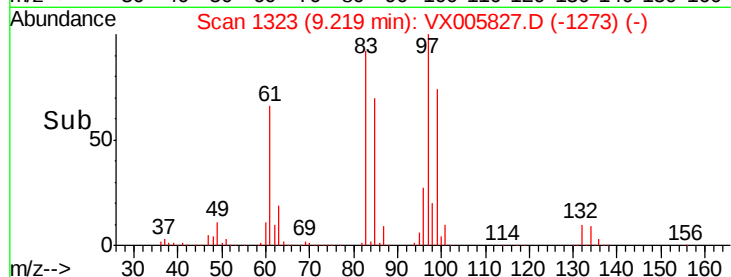
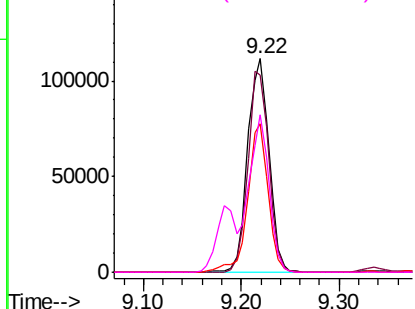
#55
 1,1,2-Trichloroethane
 Concen: 149.987 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 168926
 Ion Ratio Lower Upper
 97 100
 83 92.2 70.7 106.1
 85 69.6 45.8 68.6#
 99 73.7 51.8 77.8

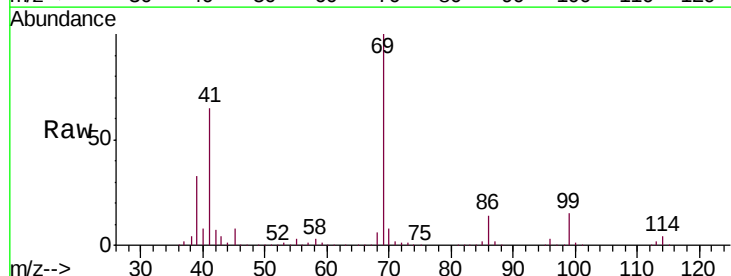


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

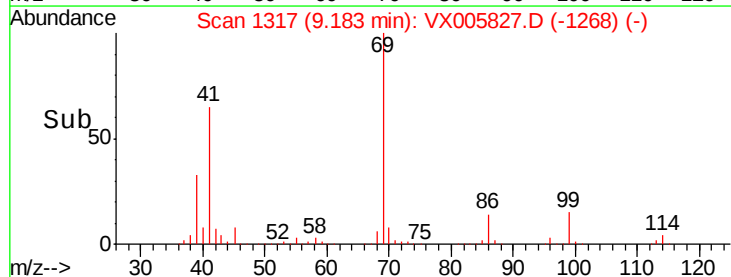
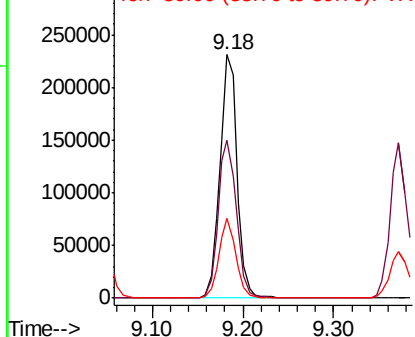


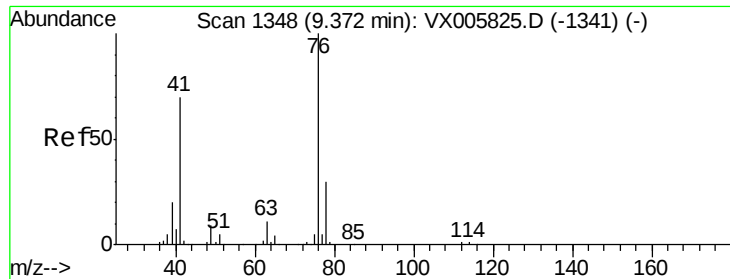
#56
 Ethyl methacrylate
 Concen: 181.169 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 69 Resp: 305302
 Ion Ratio Lower Upper
 69 100
 41 69.0 57.0 85.6
 39 32.5 28.3 42.5



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

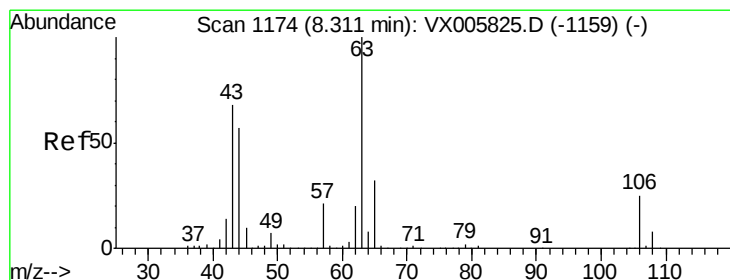
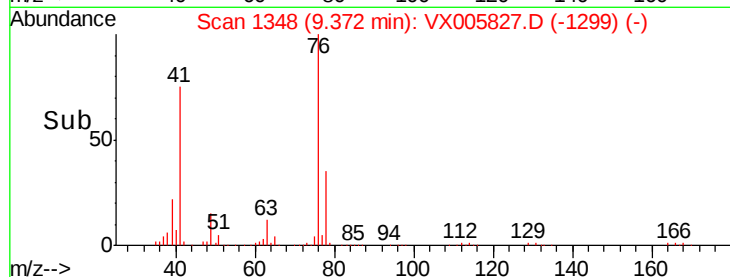
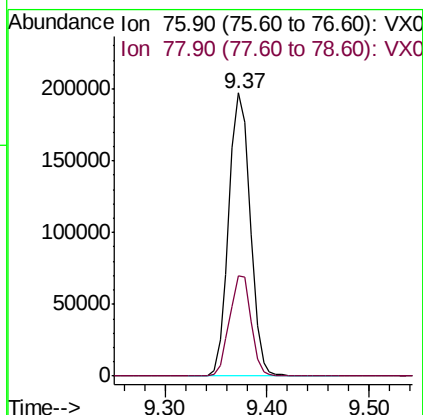
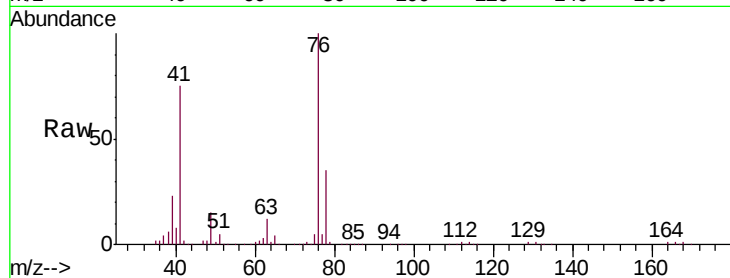




#57
 1,3-Dichloropropane
 Concen: 151.383 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

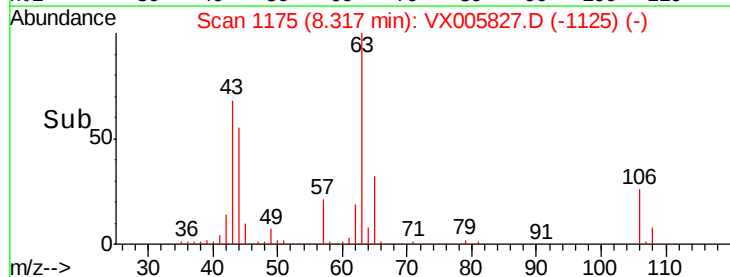
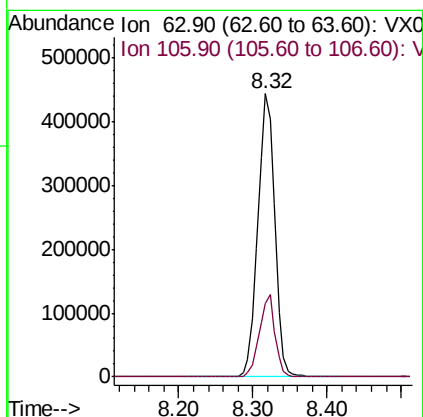
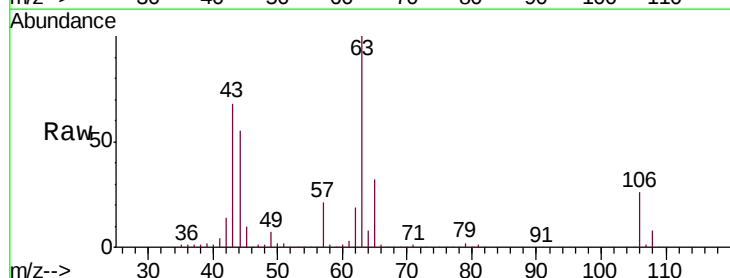
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

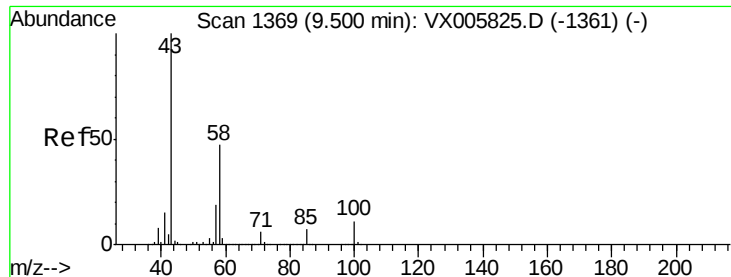
Tgt Ion: 76 Resp: 286521
 Ion Ratio Lower Upper
 76 100
 78 35.4 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 758.951 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 63 Resp: 712925
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.3 31.9

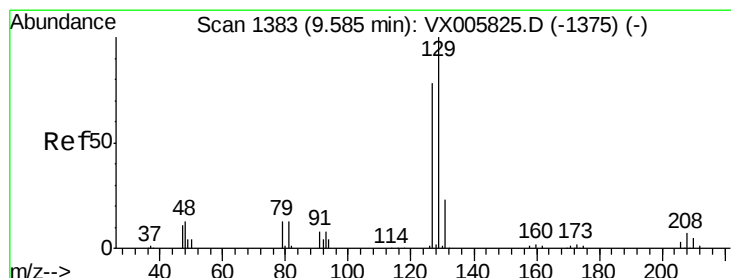
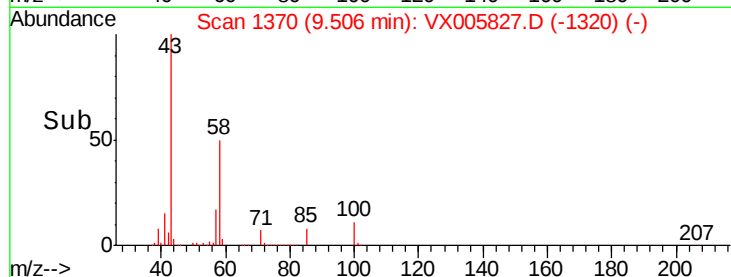
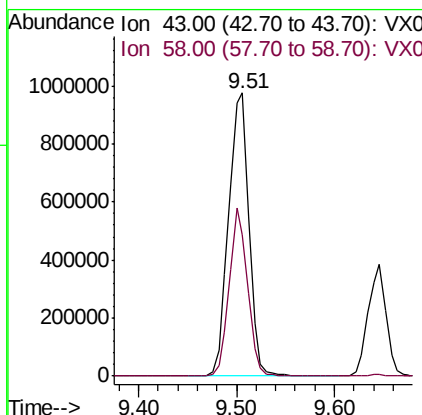
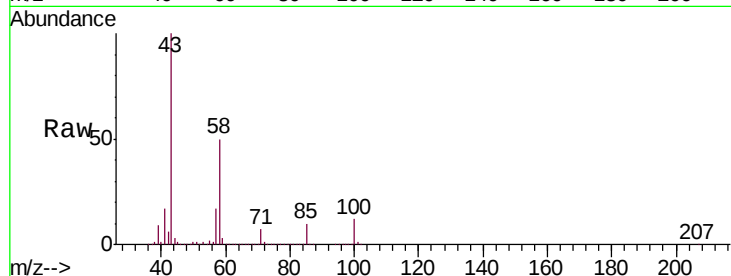




#59
2-Hexanone
Concen: 858.119 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

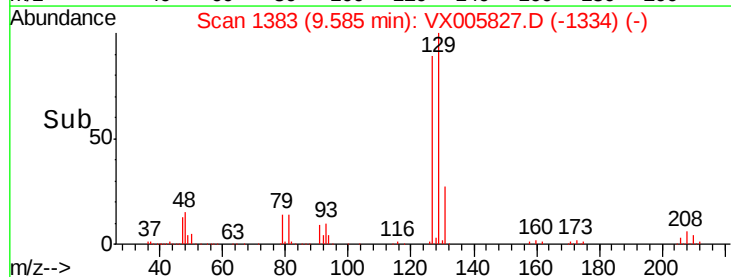
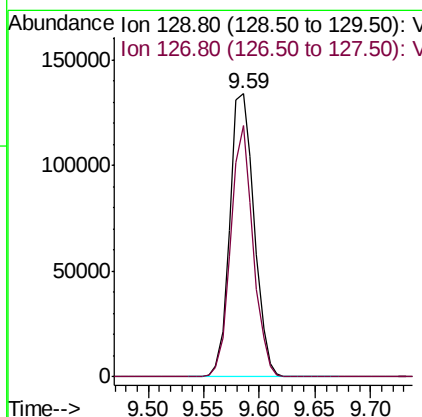
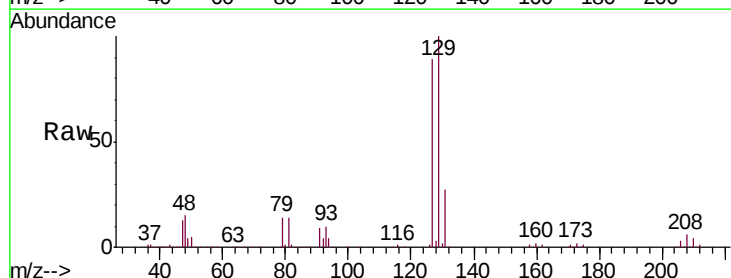
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

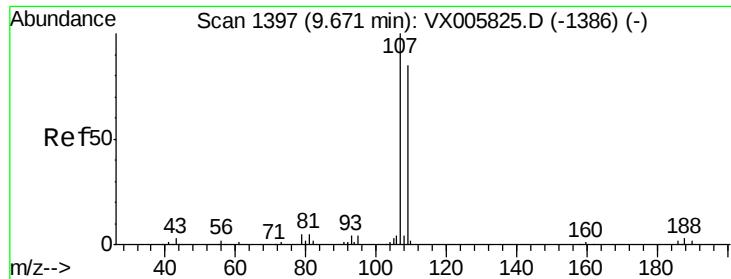
Tgt Ion: 43 Resp: 1408917
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8



#60
Dibromochloromethane
Concen: 167.195 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 129 Resp: 203511
Ion Ratio Lower Upper
129 100
127 81.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 153.501 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

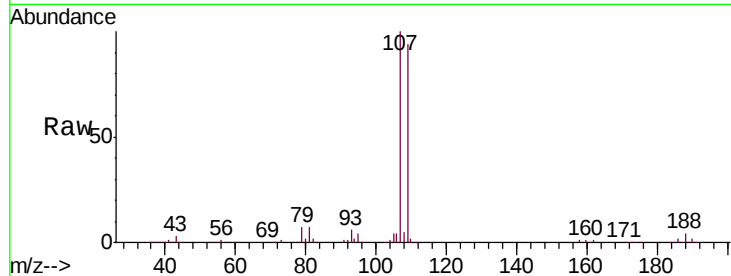
VSTDIC150

Tgt Ion:107 Resp: 191170

Ion Ratio Lower Upper

107 100

109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

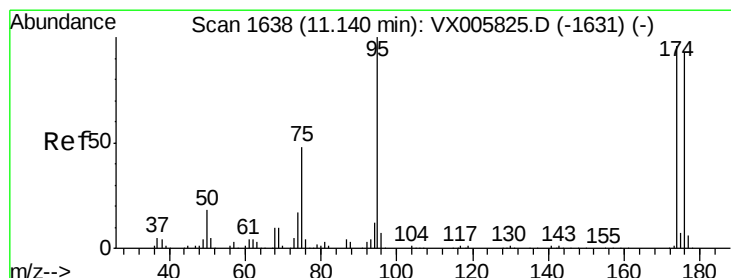
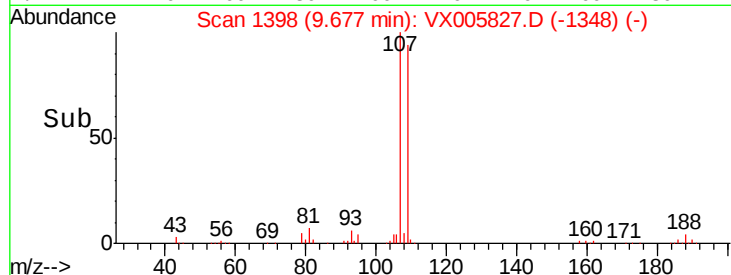
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 169.701 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

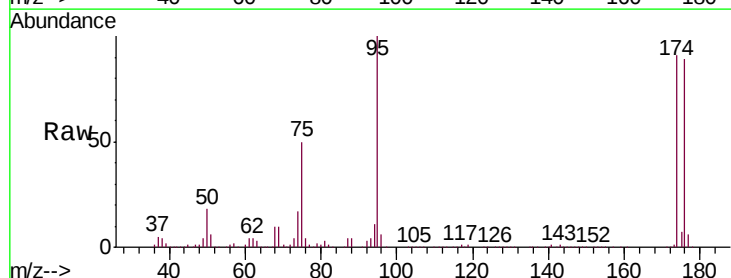
Tgt Ion: 95 Resp: 221977

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.4

176 88.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

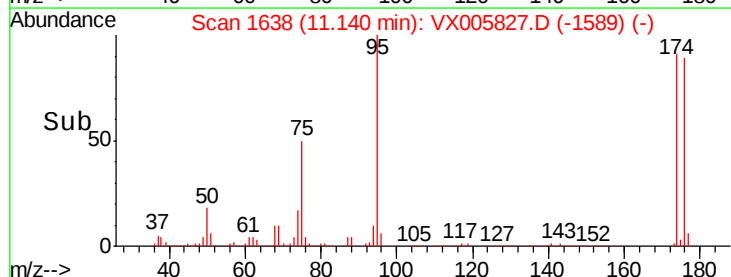
150000

100000

50000

0

Time-->

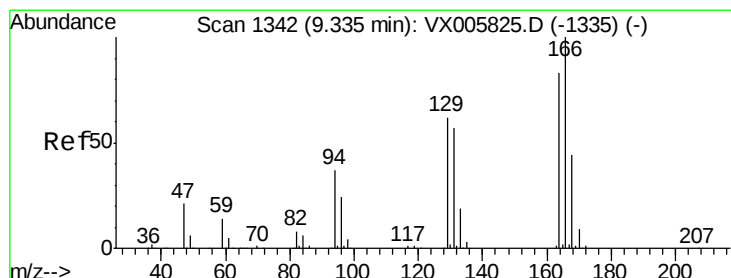
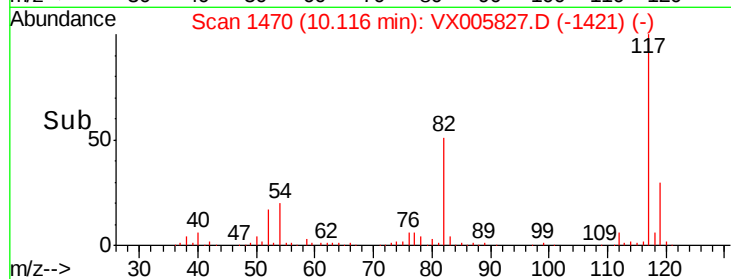
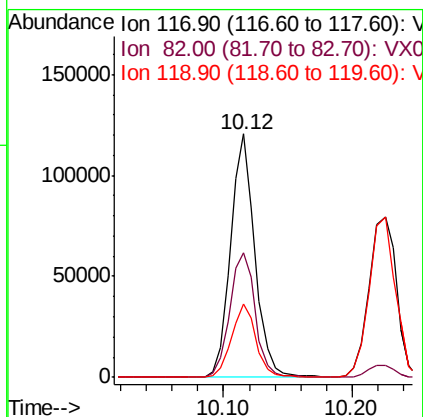
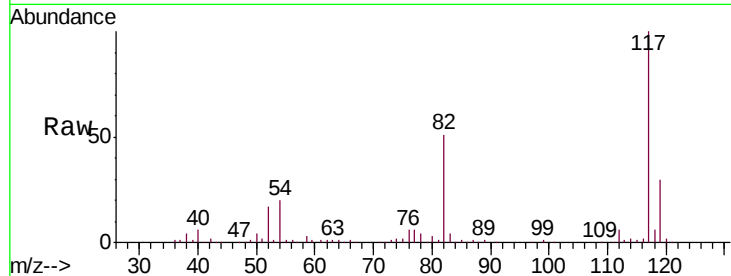




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

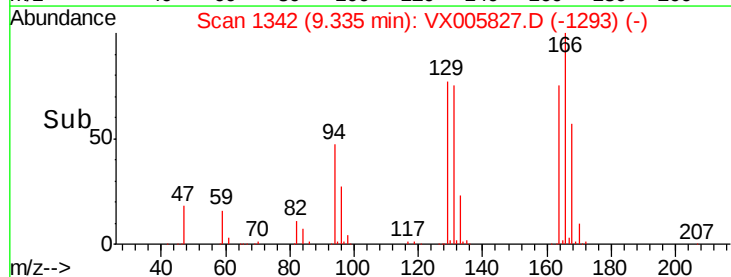
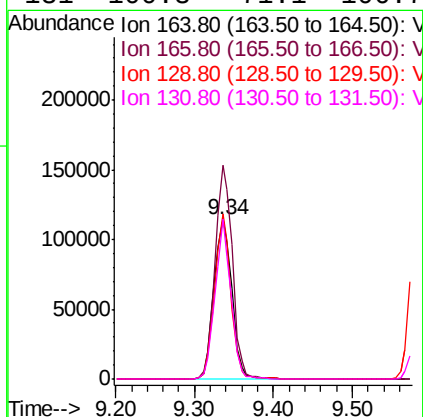
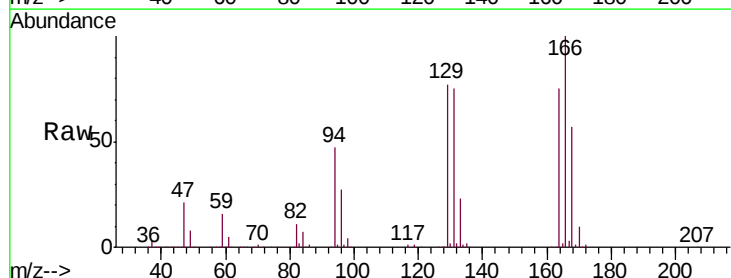
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

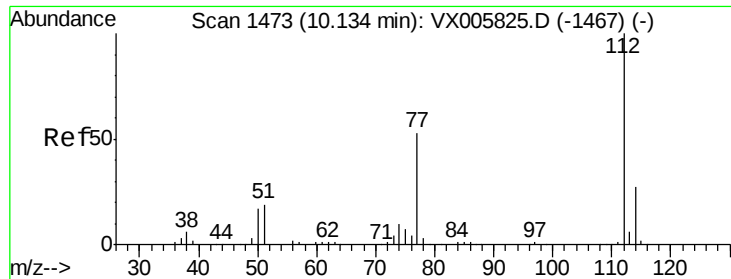
Tgt Ion:117 Resp: 158798
Ion Ratio Lower Upper
117 100
82 51.1 44.1 66.1
119 30.0 26.2 39.2



#64
Tetrachloroethene
Concen: 133.844 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion:164 Resp: 180958
Ion Ratio Lower Upper
164 100
166 133.9 101.9 152.9
129 103.5 72.6 109.0
131 100.3 71.1 106.7

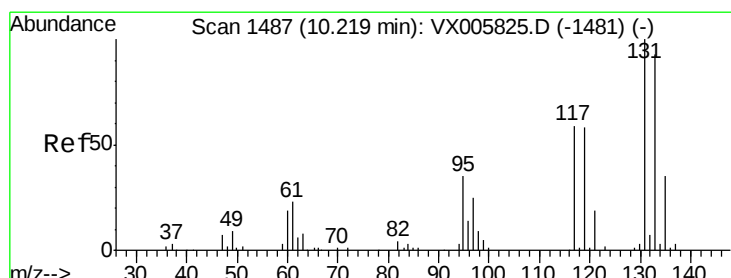
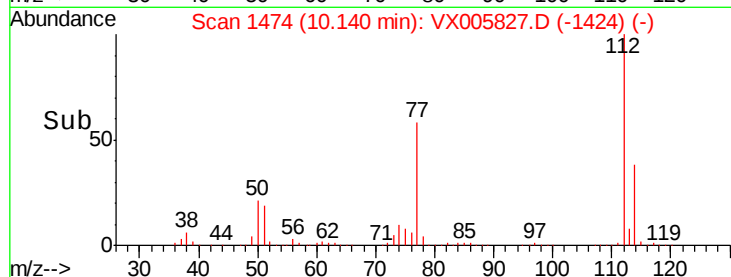
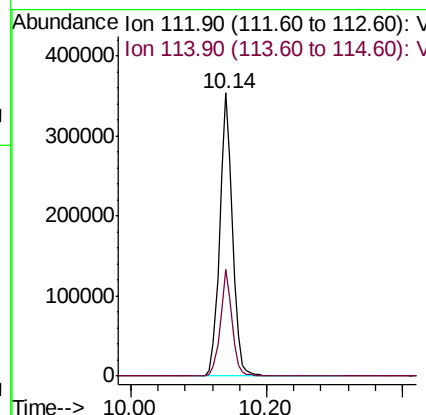
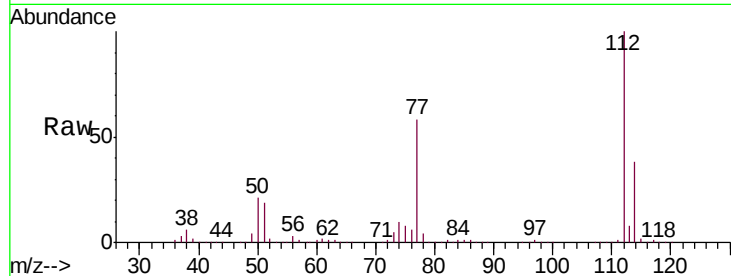




#65
Chlorobenzene
Concen: 144.466 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

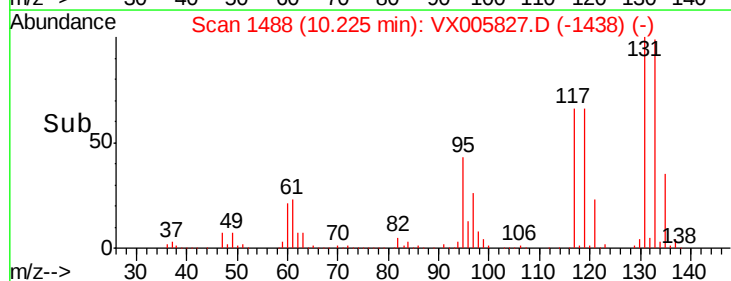
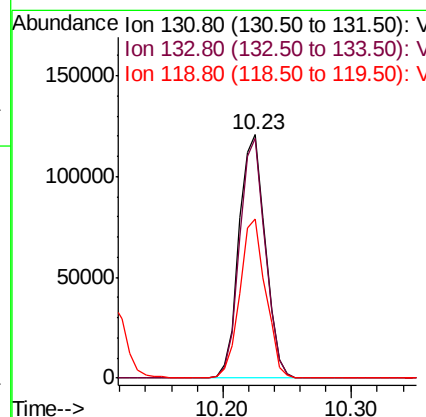
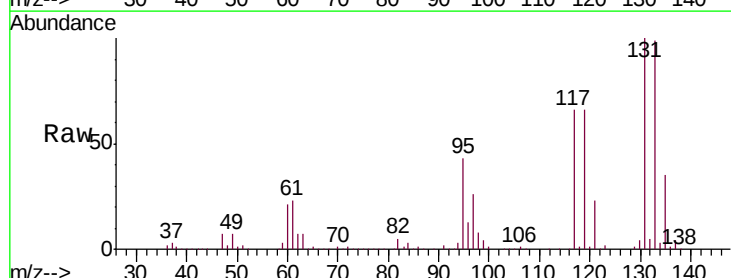
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

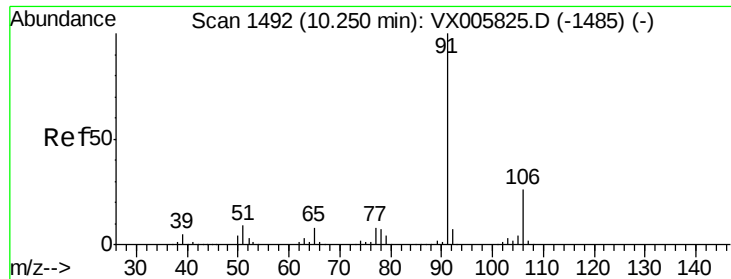
Tgt Ion:112 Resp: 459580
Ion Ratio Lower Upper
112 100
114 37.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 154.874 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion:131 Resp: 171287
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 64.2 31.8 95.3





#67

Ethyl Benzene

Concen: 154.618 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

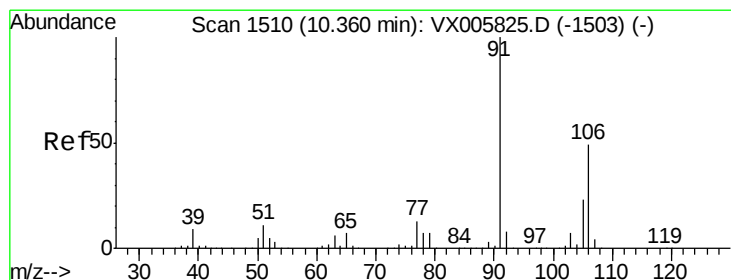
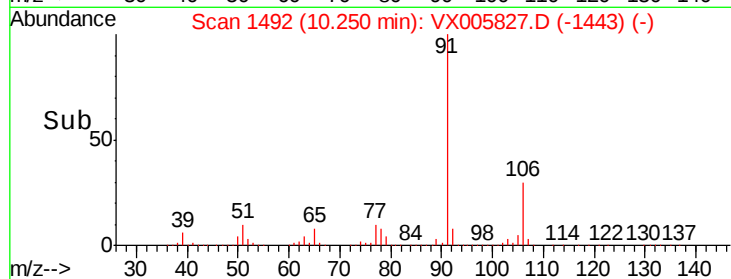
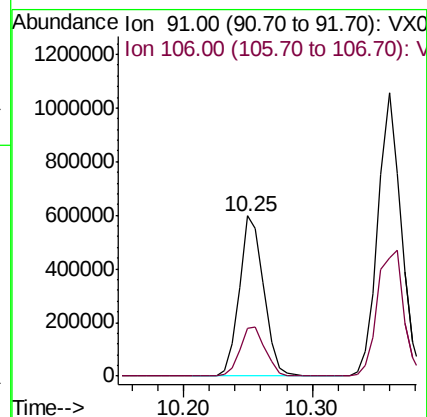
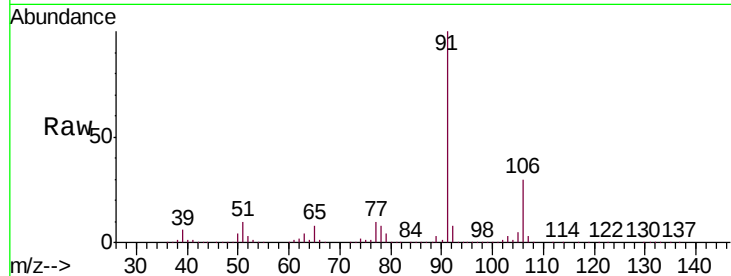
VSTDIC150

Tgt Ion: 91 Resp: 788734

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6



#68

m/p-Xylenes

Concen: 336.720 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX005827.D

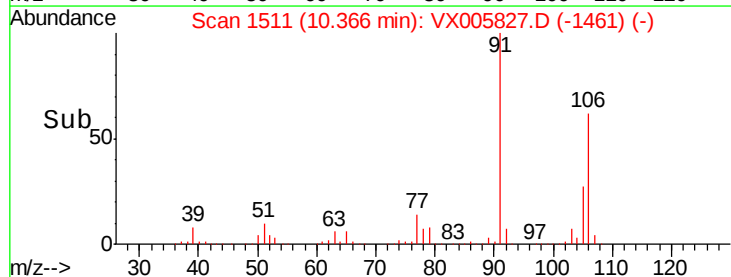
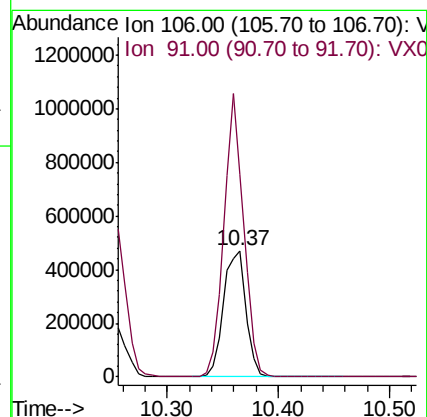
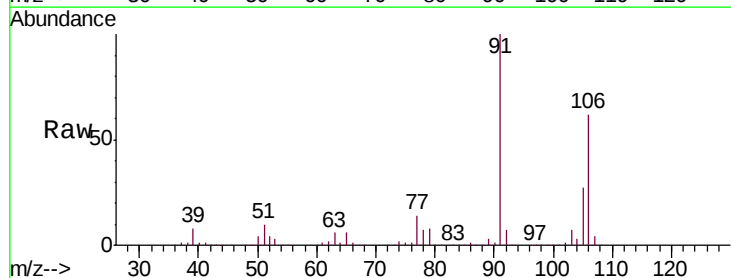
Acq: 07 Nov 2018 14:18

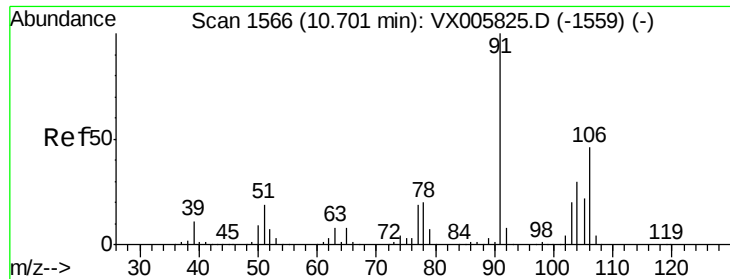
Tgt Ion: 106 Resp: 655186

Ion Ratio Lower Upper

106 100

91 197.4 164.2 246.4

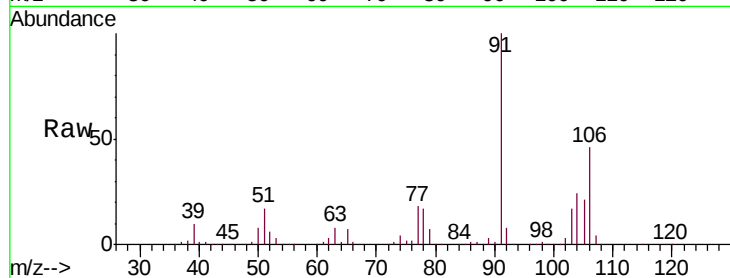




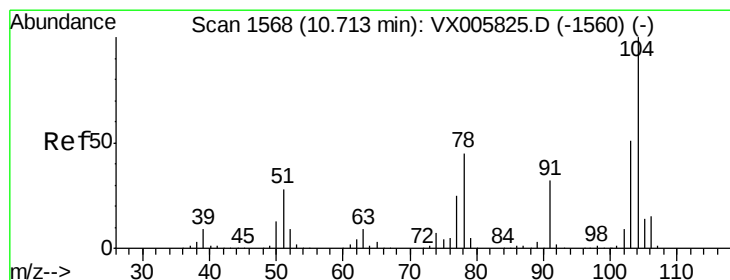
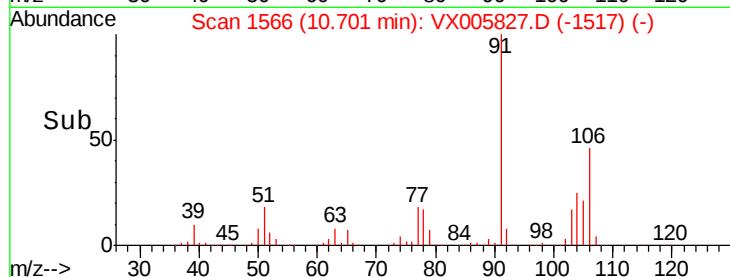
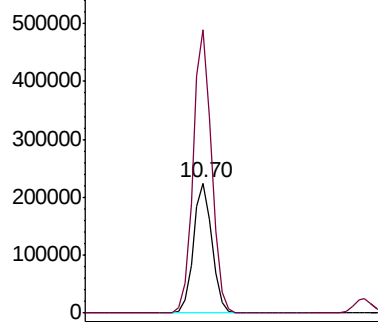
#69
o-Xylene
Concen: 162.361 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 283286
Ion Ratio Lower Upper
106 100
91 216.9 108.5 325.5

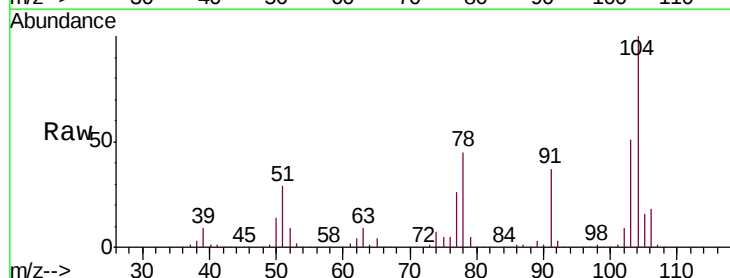


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

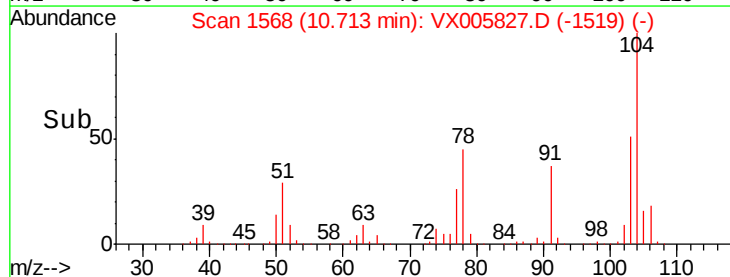
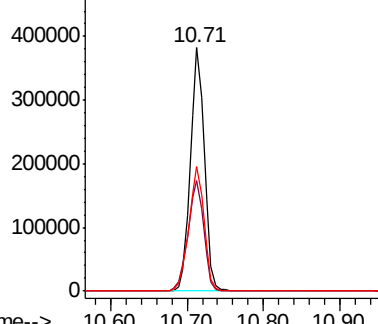


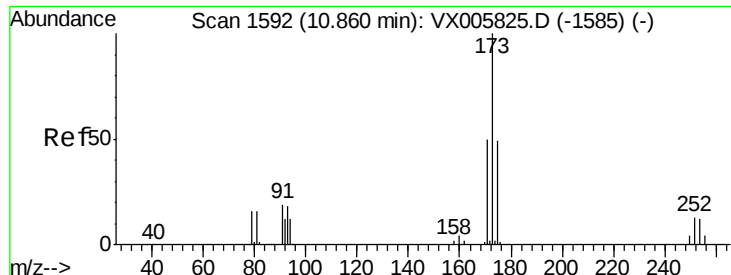
#70
Styrene
Concen: 168.881 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion:104 Resp: 486083
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 55.7 44.9 67.3



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





#71

Bromoform

Concen: 177.930 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

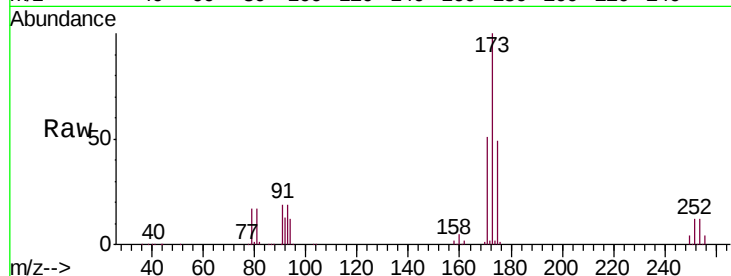
Tgt Ion:173 Resp: 164964

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

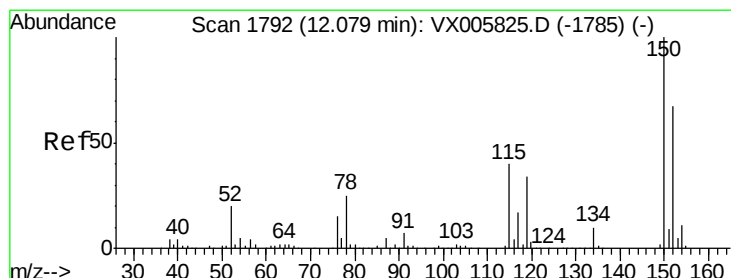
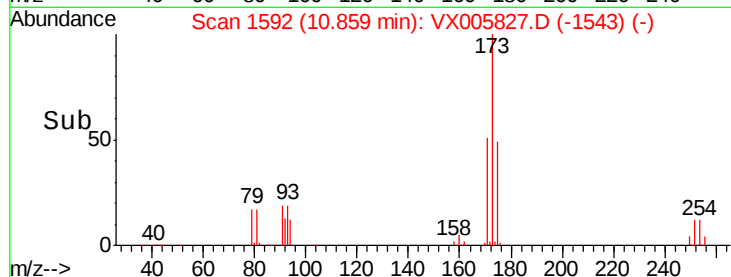
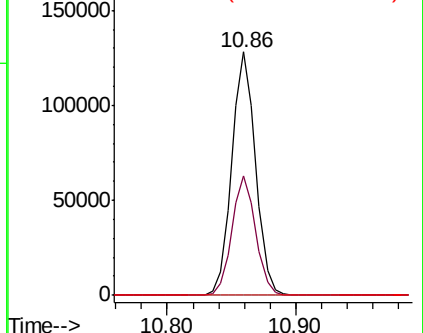
254 0.2 0.2 0.2



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# 1792

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

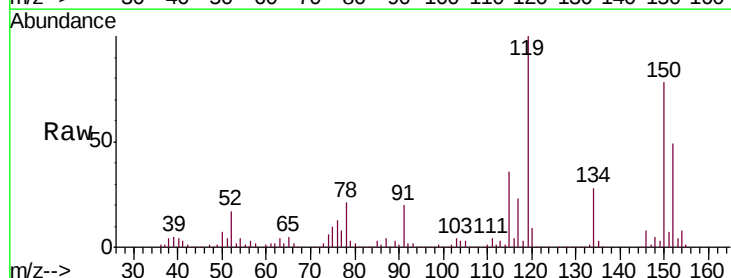
Tgt Ion:152 Resp: 87993

Ion Ratio Lower Upper

152 100

115 122.8 39.4 118.1#

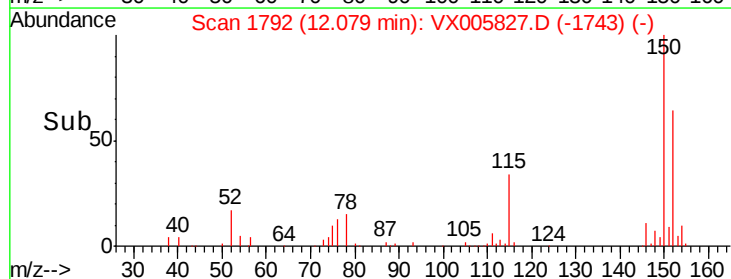
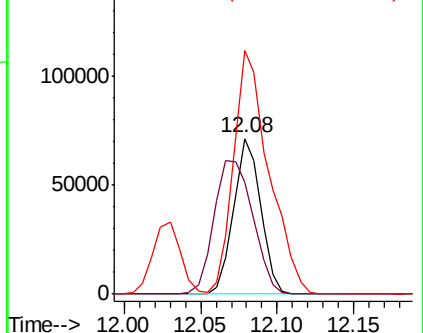
150 204.3 0.0 346.4

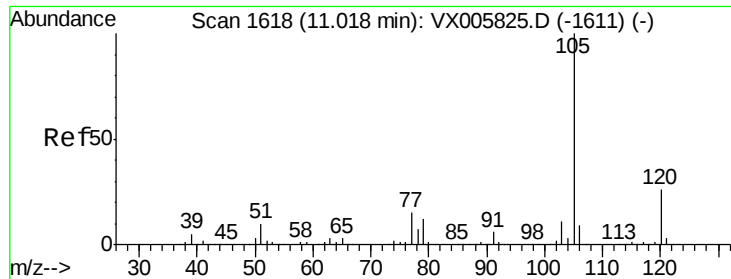


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

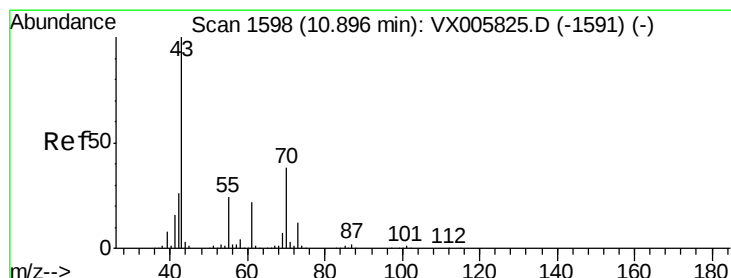
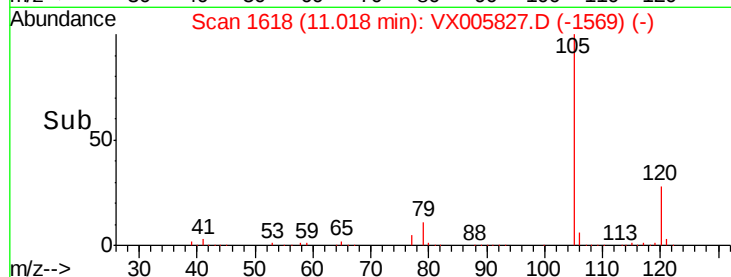
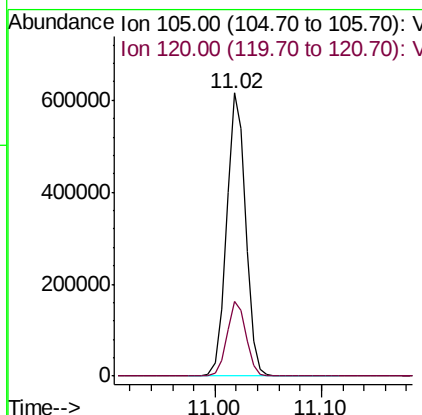
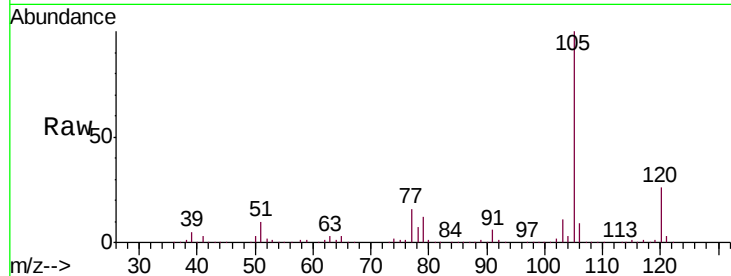




#73
Isopropylbenzene
Concen: 151.173 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

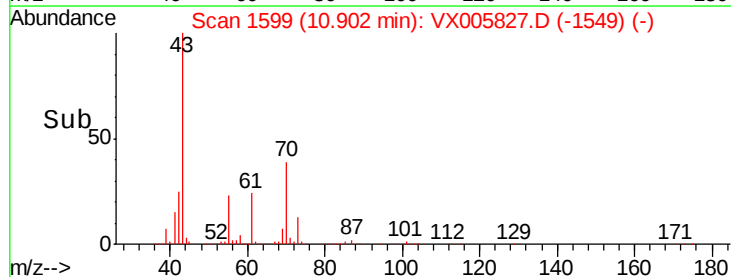
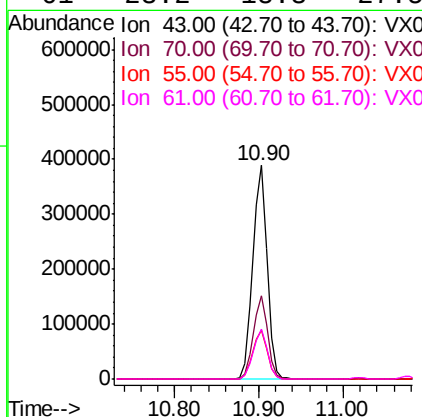
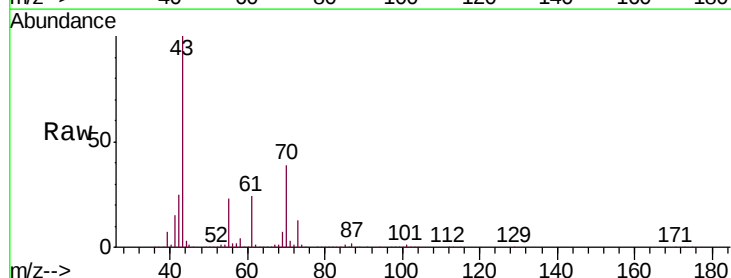
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 105 Resp: 769249
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 152.223 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 43 Resp: 442108
Ion Ratio Lower Upper
43 100
70 38.7 31.6 47.4
55 23.2 19.7 29.5
61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 154.244 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

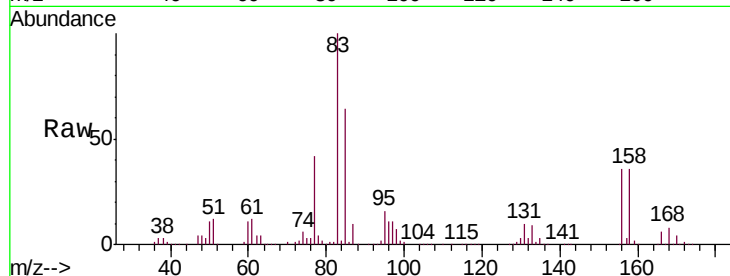
Tgt Ion: 83 Resp: 288085

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

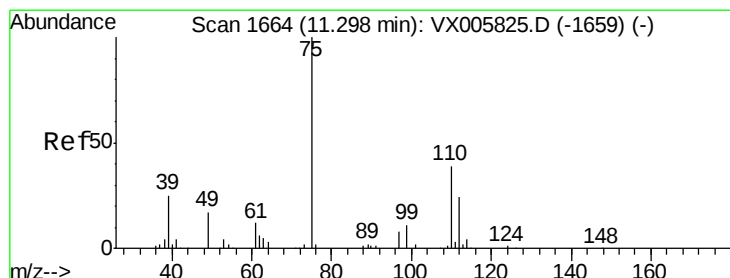
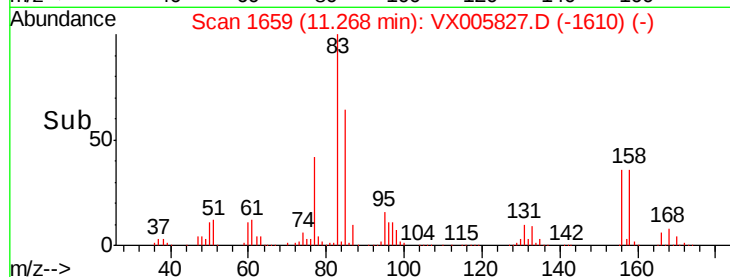
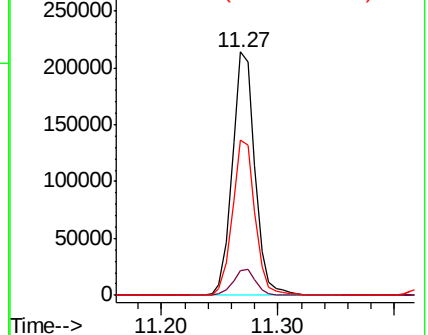
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 197.124 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005827.D

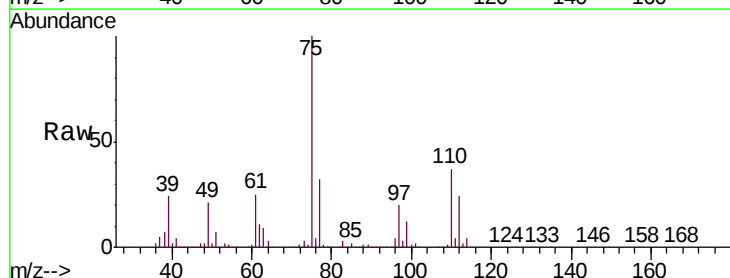
Acq: 07 Nov 2018 14:18

Tgt Ion: 75 Resp: 353193

Ion Ratio Lower Upper

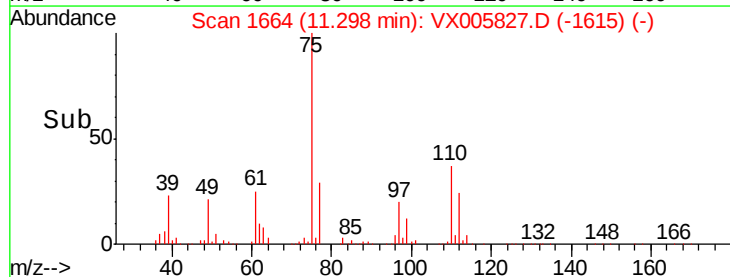
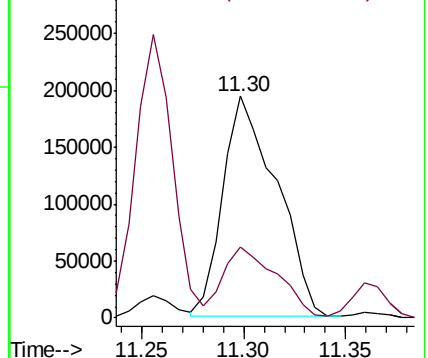
75 100

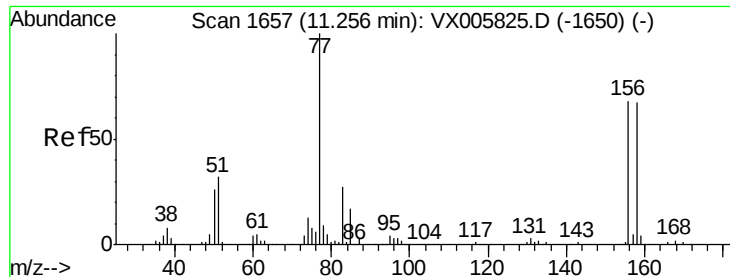
77 32.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 147.486 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

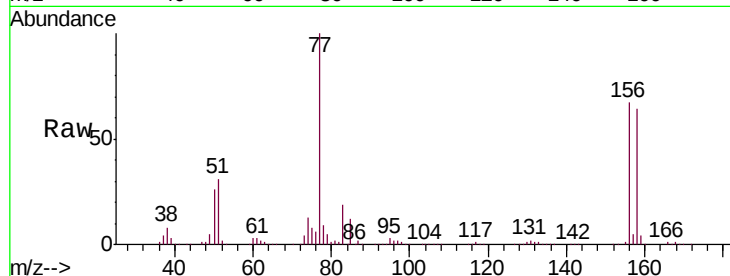
Tgt Ion:156 Resp: 211532

Ion Ratio Lower Upper

156 100

77 149.0 74.8 224.4

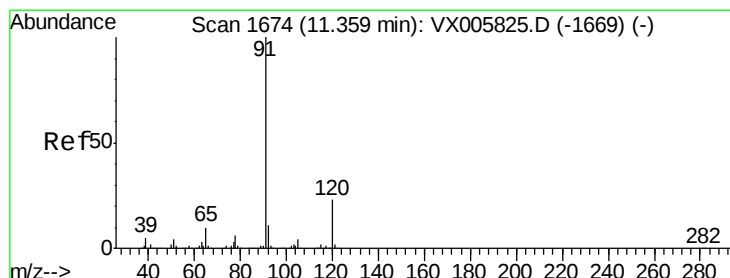
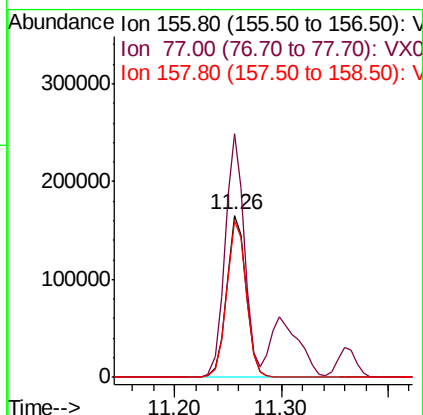
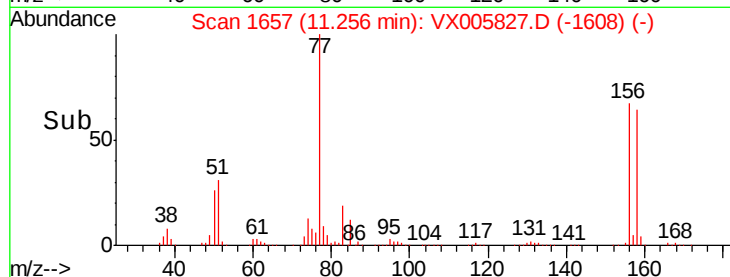
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 155.909 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005827.D

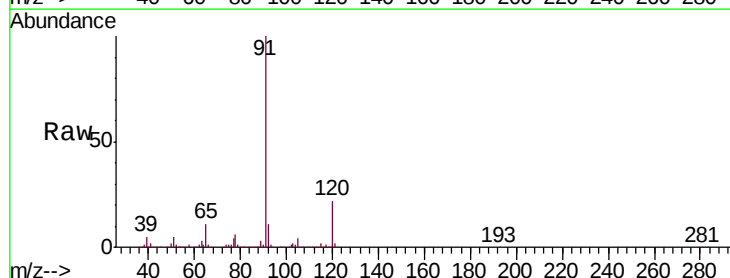
Acq: 07 Nov 2018 14:18

Tgt Ion: 91 Resp: 934984

Ion Ratio Lower Upper

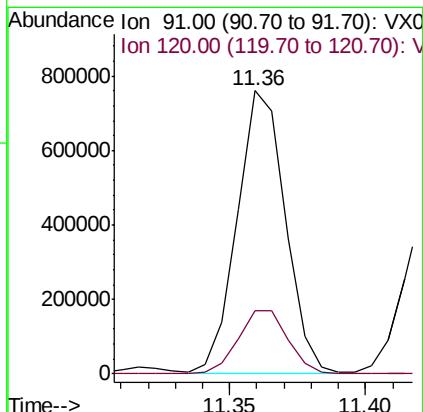
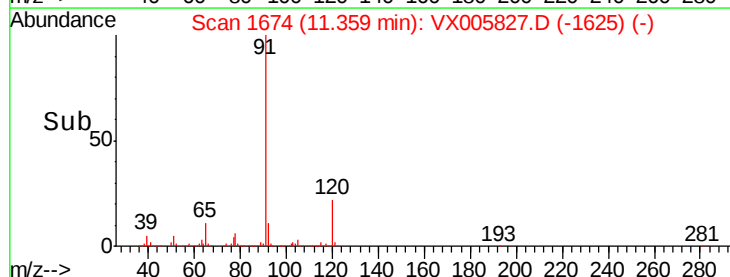
91 100

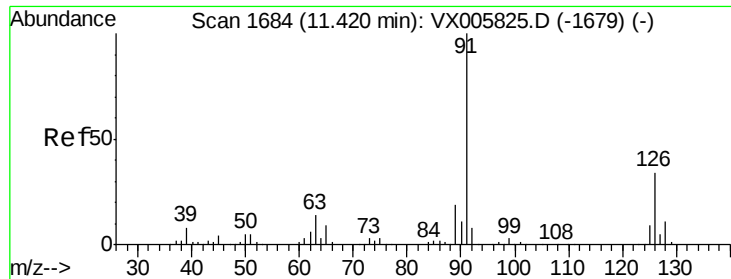
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

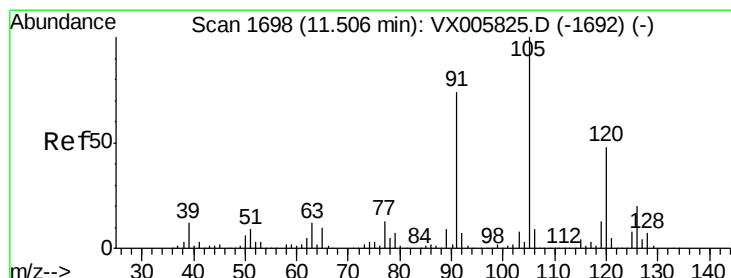
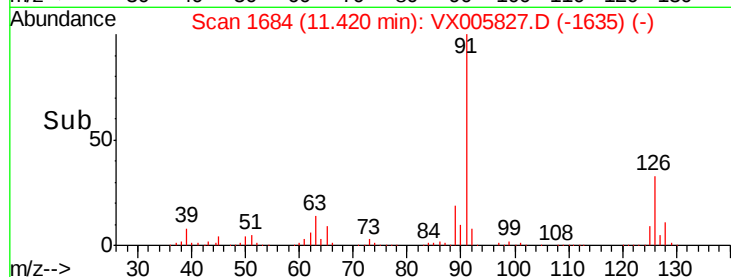
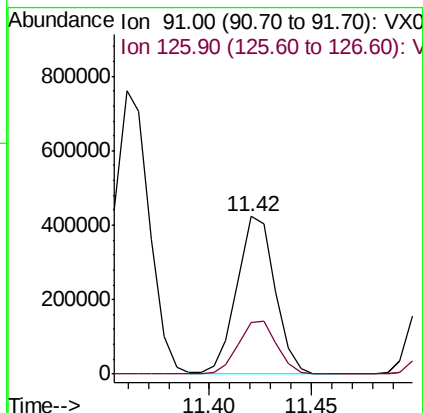
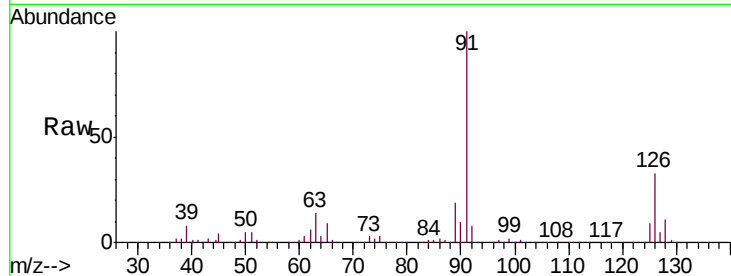




#79
 2-Chlorotoluene
 Concen: 152.033 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

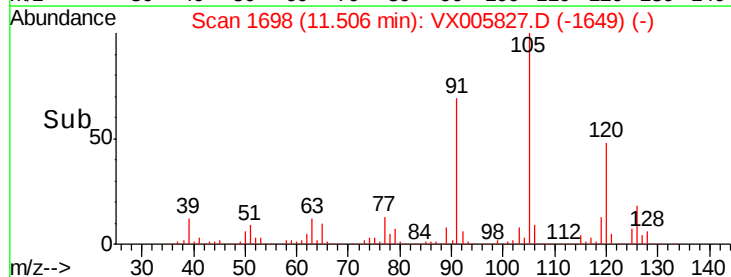
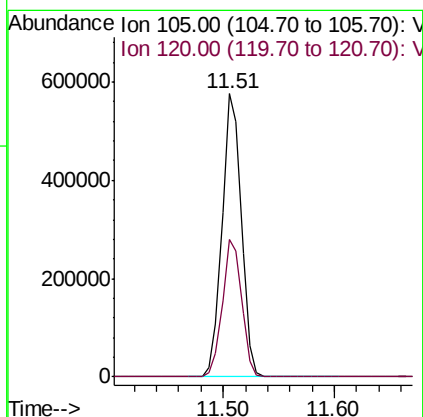
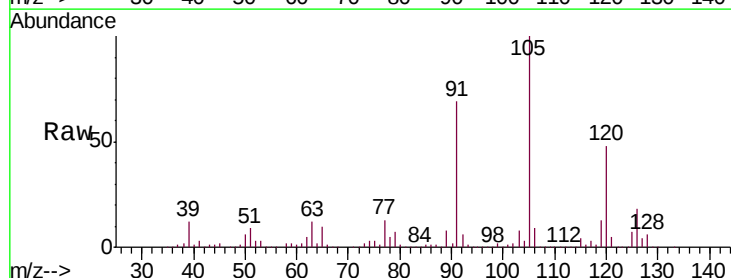
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

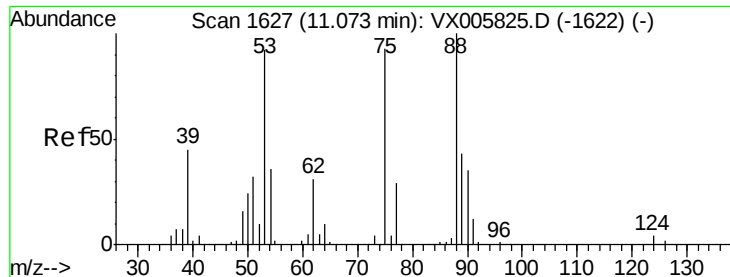
Tgt Ion: 91 Resp: 551090
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 159.218 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion: 105 Resp: 688491
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 170.977 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

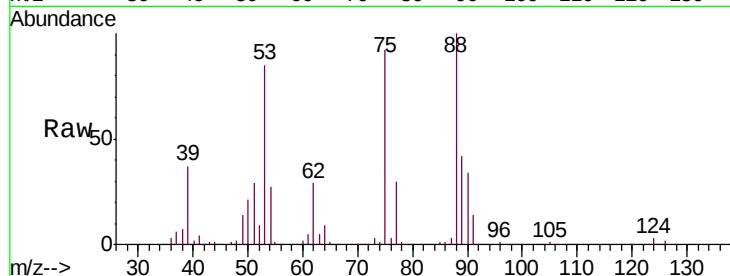
Tgt Ion: 75 Resp: 96118

Ion Ratio Lower Upper

75 100

53 93.8 80.2 120.2

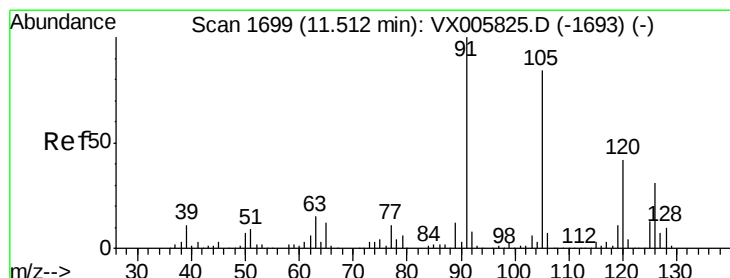
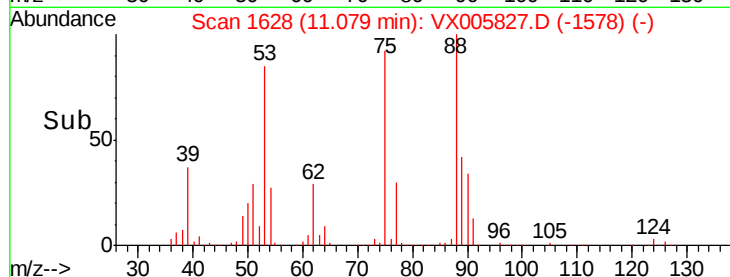
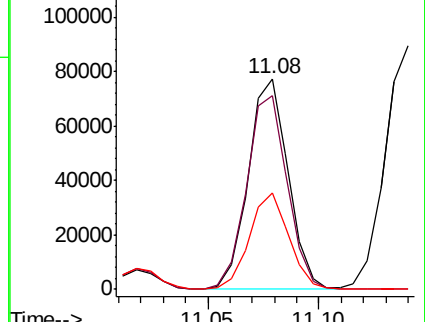
89 45.5 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 156.582 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005827.D

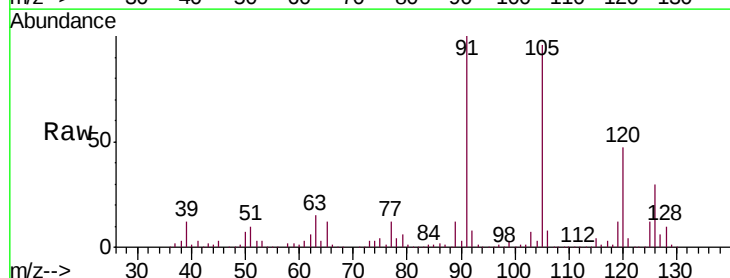
Acq: 07 Nov 2018 14:18

Tgt Ion: 91 Resp: 668910

Ion Ratio Lower Upper

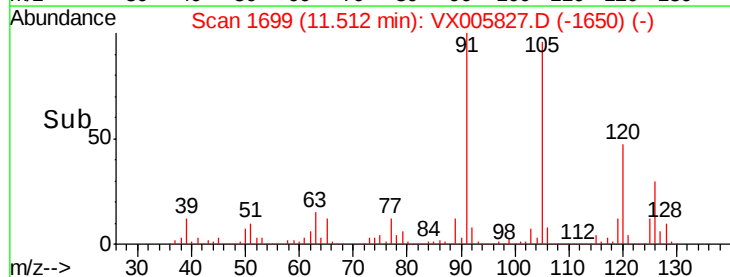
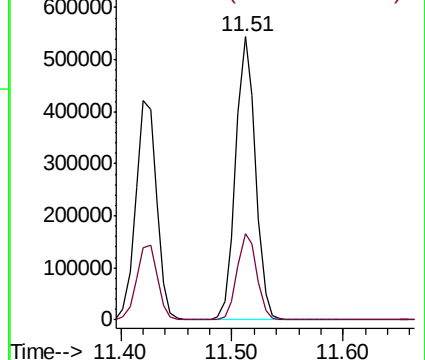
91 100

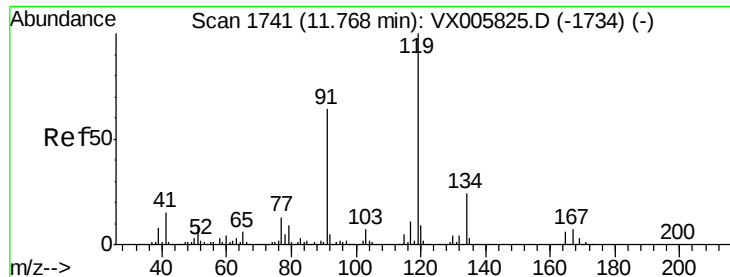
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

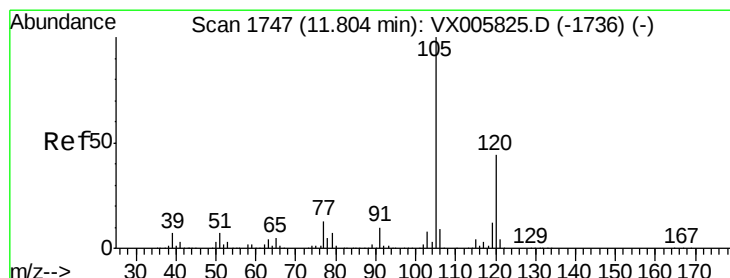
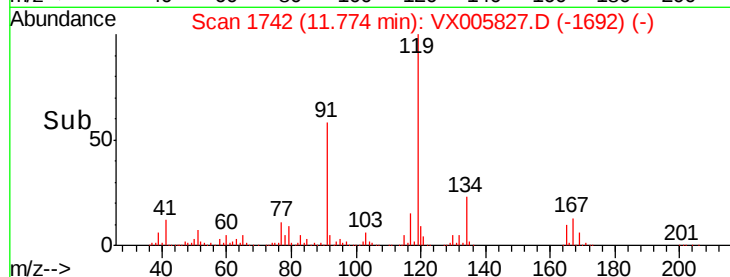
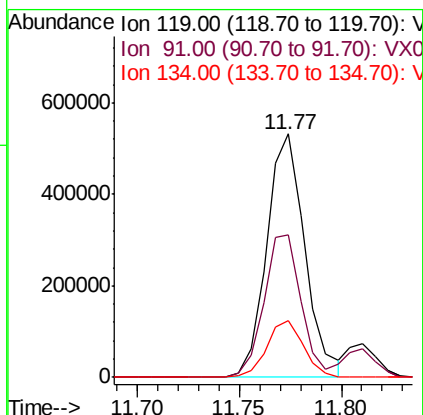
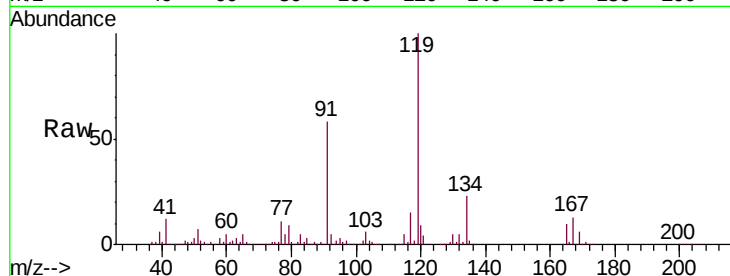




#83
 tert-Butylbenzene
 Concen: 158.474 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

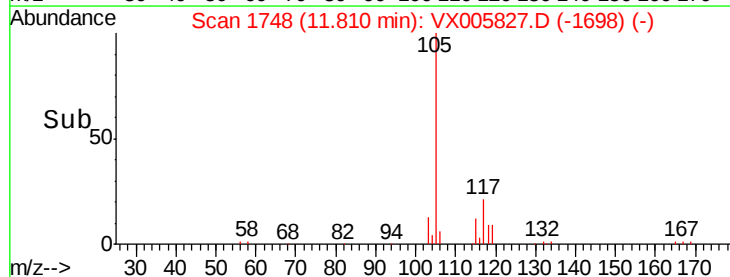
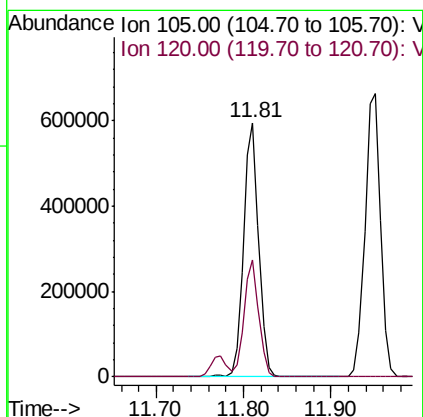
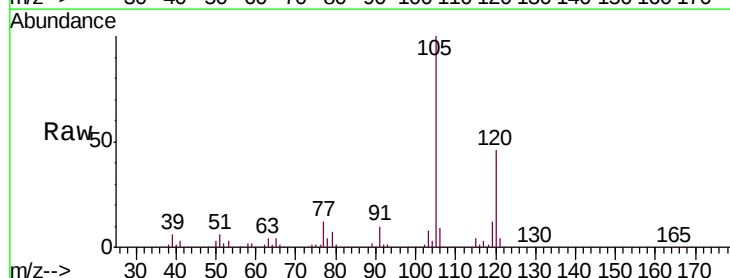
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 693271
 Ion Ratio Lower Upper
 119 100
 91 56.6 28.5 85.5
 134 22.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 149.743 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion:105 Resp: 713451
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 154.990 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

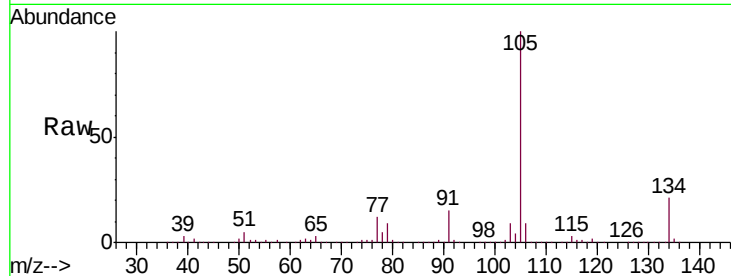
VSTDIC150

Tgt Ion:105 Resp: 829135

Ion Ratio Lower Upper

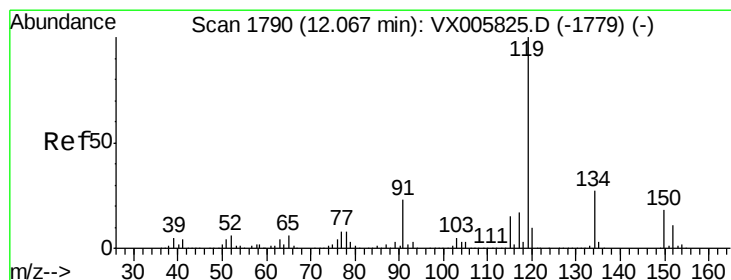
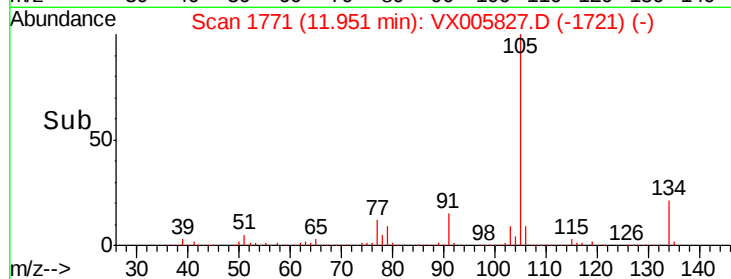
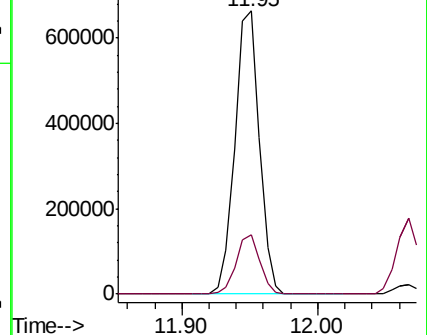
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 160.844 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

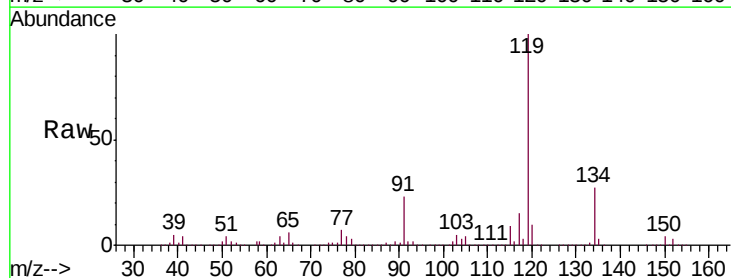
Tgt Ion:119 Resp: 762170

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

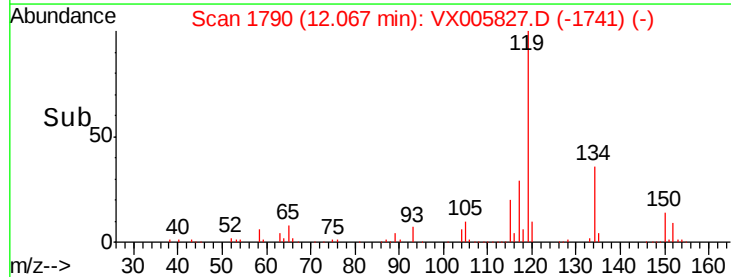
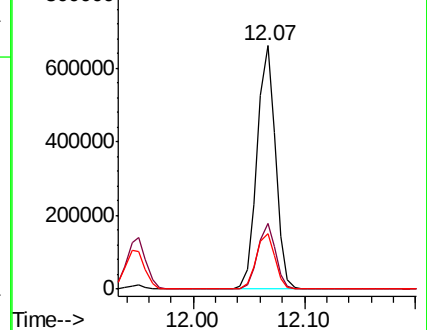
91 23.2 11.4 34.2

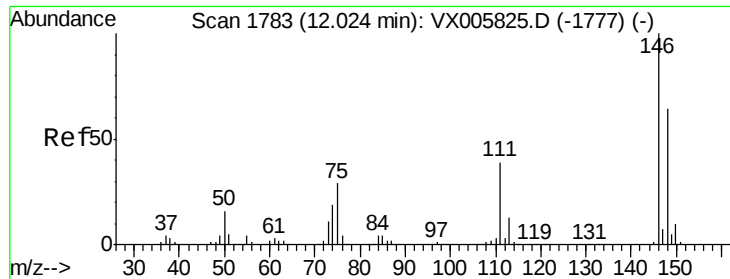


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

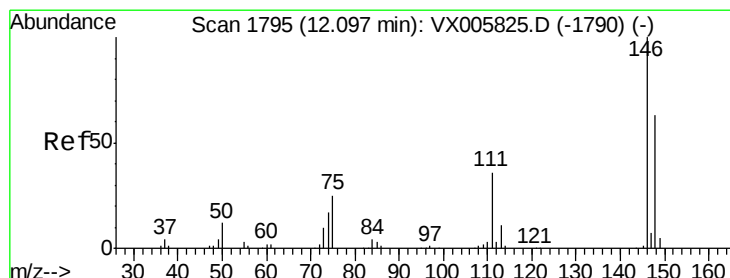
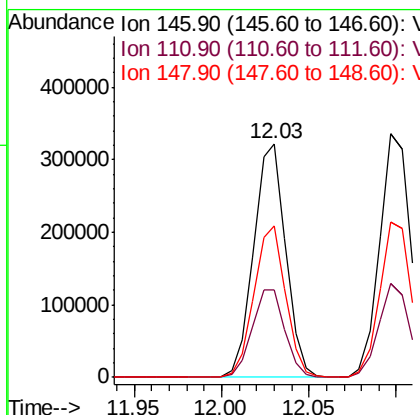
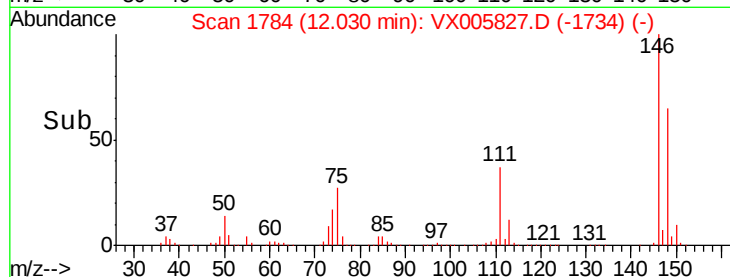
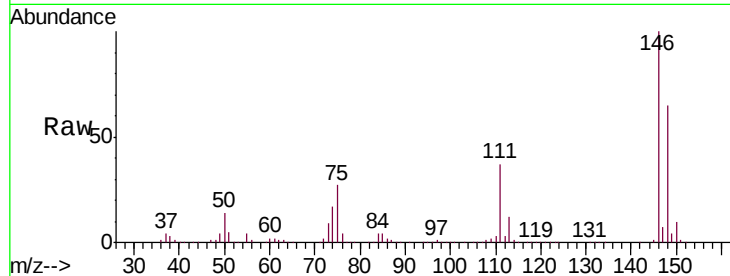




#87
 1,3-Dichlorobenzene
 Concen: 148.866 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

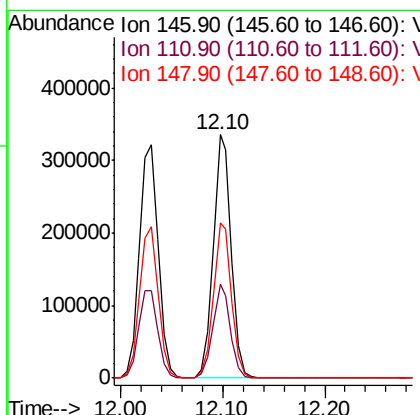
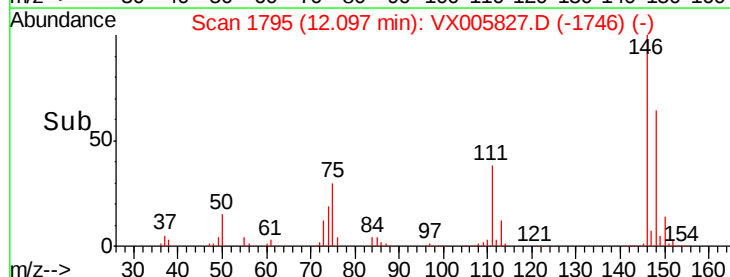
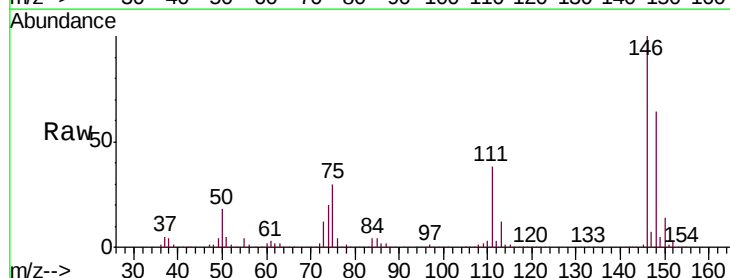
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

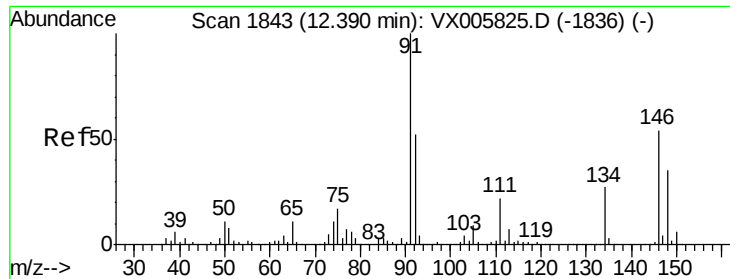
Tgt Ion:146 Resp: 409760
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 147.489 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion:146 Resp: 415591
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.3 32.1 96.3

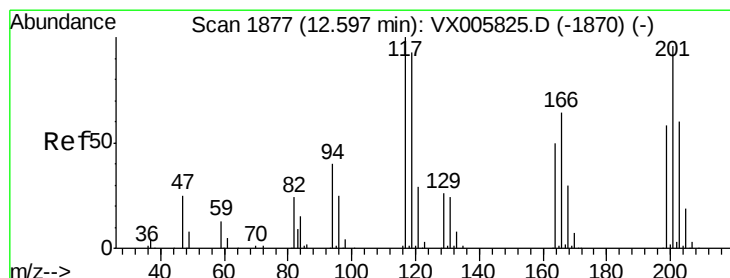
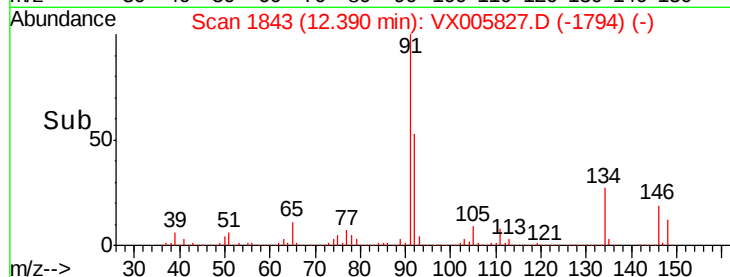
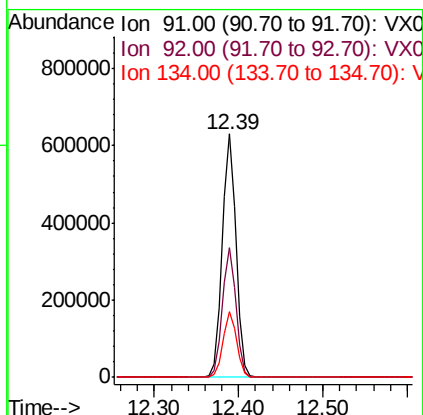
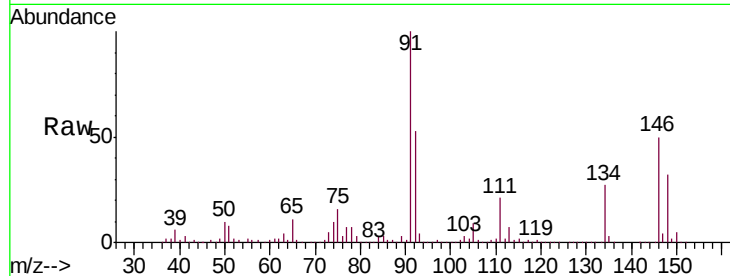




#89
n-Butylbenzene
Concen: 162.454 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

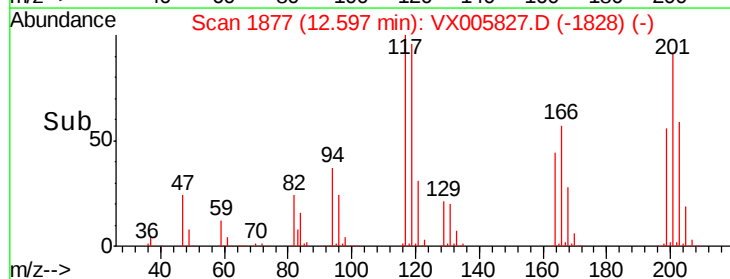
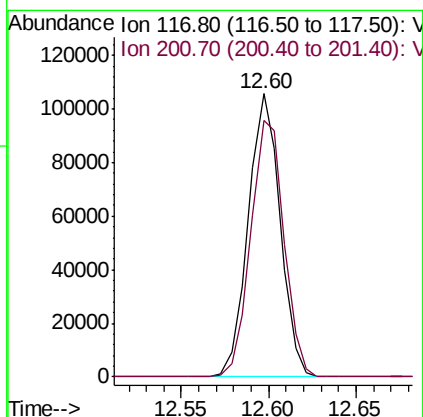
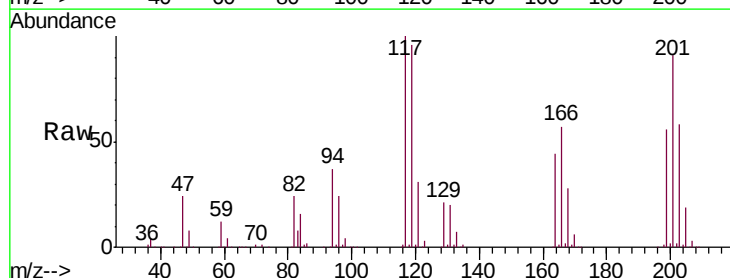
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

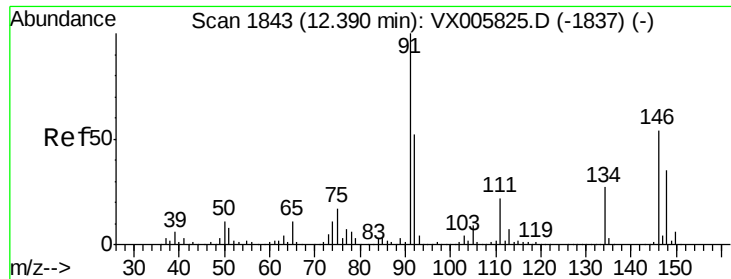
Tgt Ion: 91 Resp: 713452
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.2
134 26.6 13.1 39.3



#90
Hexachloroethane
Concen: 168.946 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion: 117 Resp: 133658
Ion Ratio Lower Upper
117 100
201 94.5 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 151.585 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

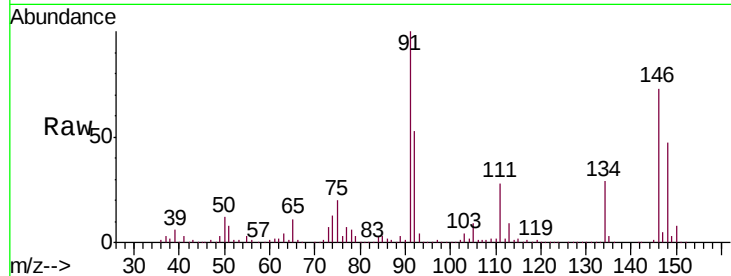
Tgt Ion:146 Resp: 417984

Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

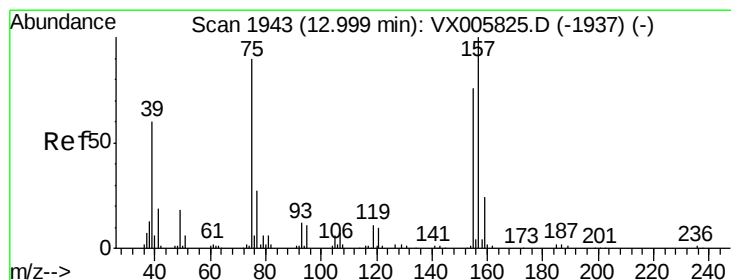
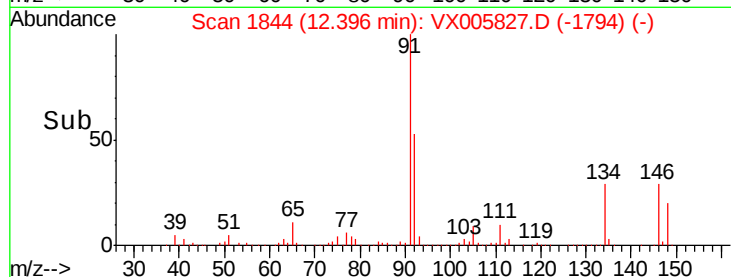
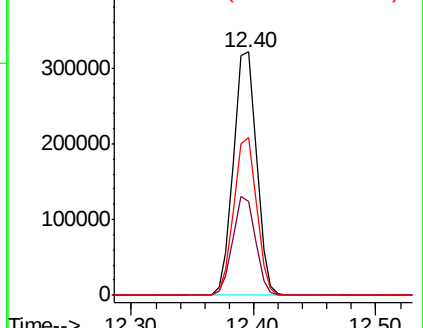
148 64.1 32.2 96.6



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: 171.924 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005827.D

Acq: 07 Nov 2018 14:18

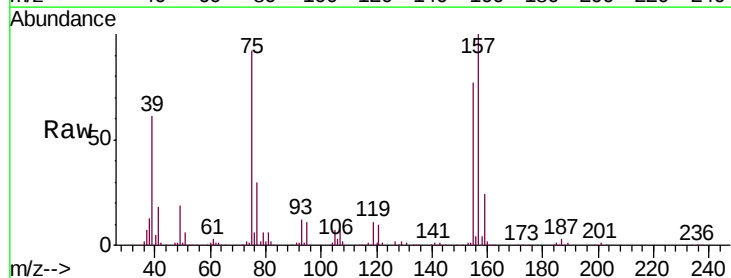
Tgt Ion: 75 Resp: 78358

Ion Ratio Lower Upper

75 100

155 90.3 45.4 136.1

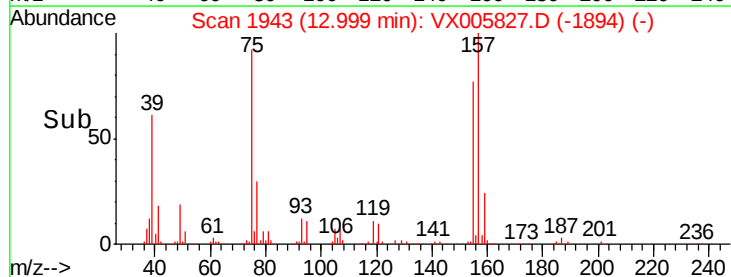
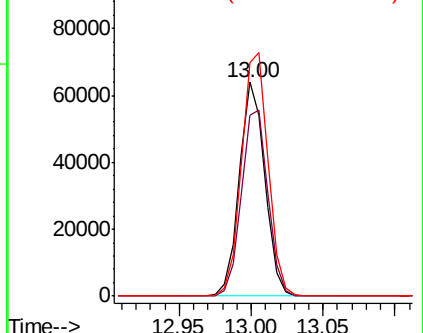
157 117.9 57.4 172.0

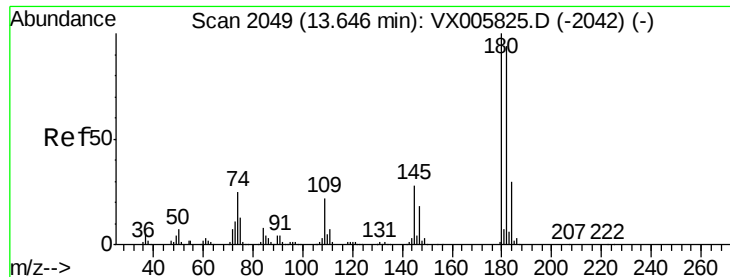


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

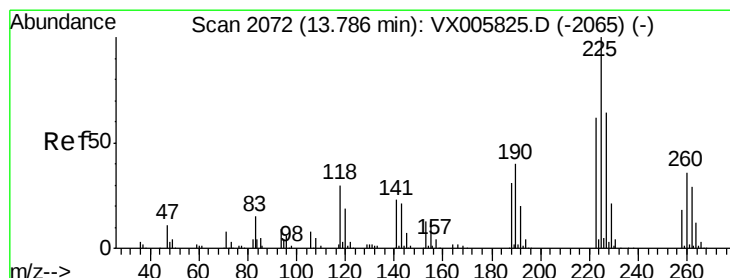
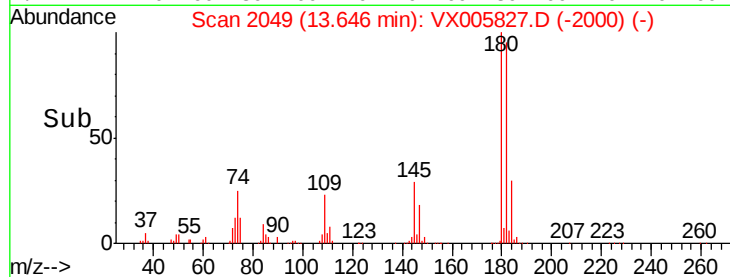
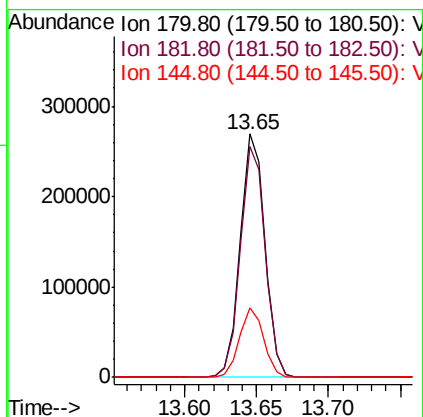
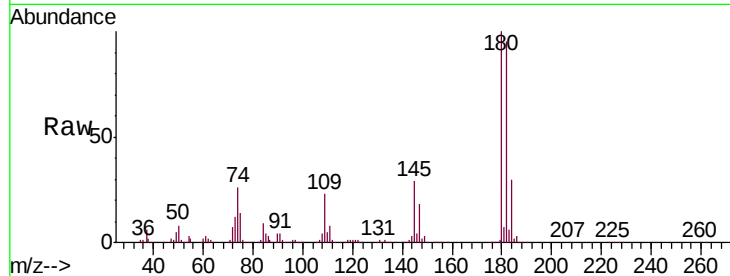




#93
 1,2,4-Trichlorobenzene
 Concen: 164.459 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

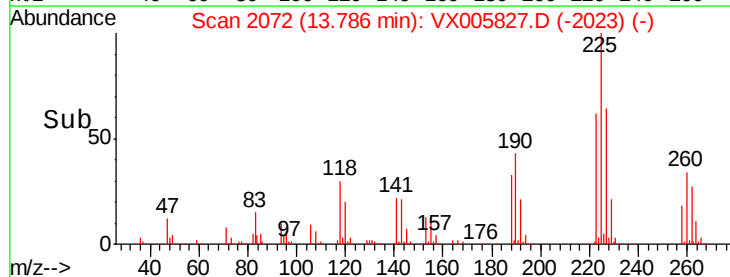
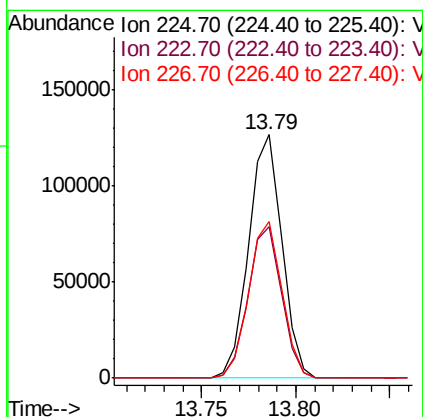
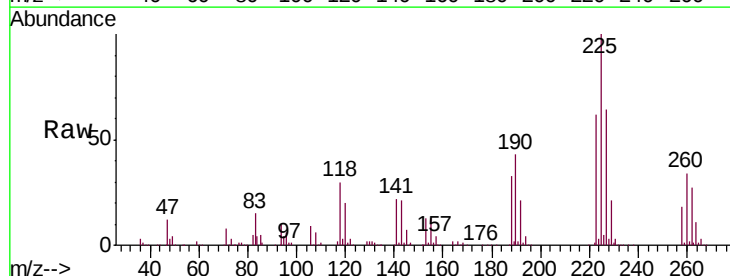
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 319241
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.8
 145 28.3 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 151.829 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005827.D
 Acq: 07 Nov 2018 14:18

Tgt Ion:225 Resp: 154816
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.7 95.1
 227 64.4 32.3 96.9

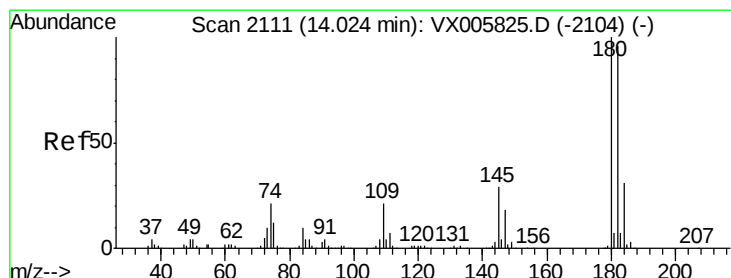
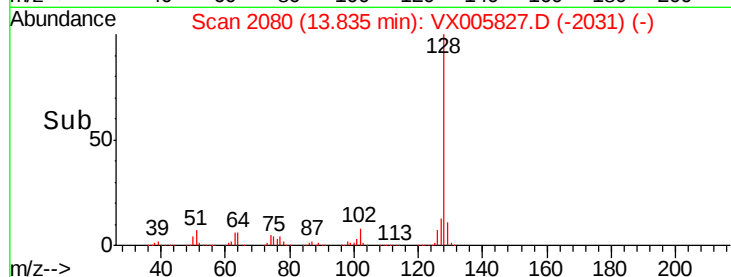
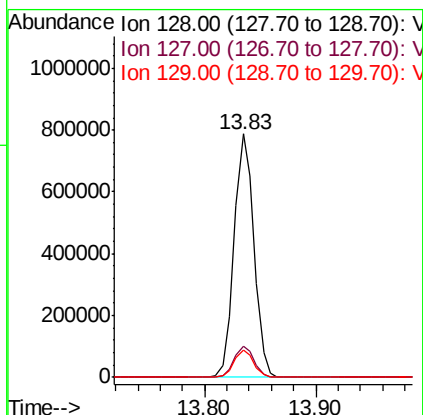
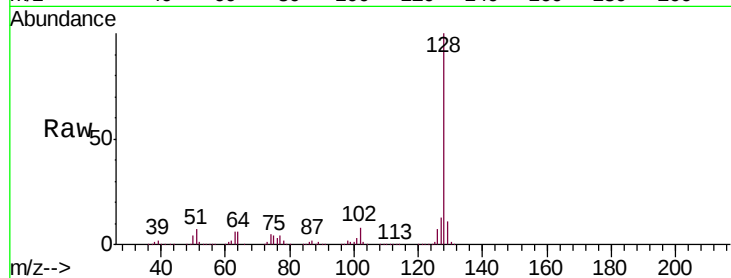




#95
Naphthalene
Concen: 149.754 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 963256
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 158.589 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005827.D
Acq: 07 Nov 2018 14:18

Tgt Ion:180 Resp: 313627
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 29.9 15.1 45.3

