

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013145.D
 Acq On : 18 Oct 2019 22:10
 Operator : JC/SP
 Sample : K5414-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

Quant Time: Oct 19 00:01:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	134799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	226365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	206324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	86699	51.46	ug/l	0.00
Spiked Amount						
			Recovery	=	102.92%	
35) Dibromofluoromethane	5.49	113	70259	54.08	ug/l	0.00
Spiked Amount						
			Recovery	=	108.16%	
50) Toluene-d8	8.71	98	254570	50.24	ug/l	0.00
Spiked Amount						
			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	103071	52.35	ug/l	0.00
Spiked Amount						
			Recovery	=	104.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	82917	60.346	ug/l	100
3) Chloromethane	1.32	50	75749	50.656	ug/l	96
4) Vinyl Chloride	1.40	62	79794	51.698	ug/l	98
5) Bromomethane	1.63	94	37478	58.414	ug/l	96
6) Chloroethane	1.70	64	49029	51.989	ug/l	98
7) Trichlorofluoromethane	1.92	101	125104	60.053	ug/l	98
8) Diethyl Ether	2.18	74	44462	52.876	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73714	54.674	ug/l	98
10) Methyl Iodide	2.50	142	99553	63.635	ug/l	99
11) Tert butyl alcohol	3.04	59	104757	234.550	ug/l	99
12) 1,1-Dichloroethene	2.36	96	75731	55.594	ug/l	89
13) Acrolein	2.28	56	85499	269.373	ug/l	99
14) Allyl chloride	2.72	41	119671	49.330	ug/l	98
15) Acrylonitrile	3.13	53	215665	254.804	ug/l	100
16) Acetone	2.44	43	187447	211.073	ug/l	98
17) Carbon Disulfide	2.56	76	196047	50.473	ug/l	99
18) Methyl Acetate	2.76	43	100490	47.740	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	264345	56.193	ug/l	95
20) Methylene Chloride	2.84	84	86796	53.181	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	80077	54.846	ug/l	96
22) Diisopropyl ether	3.84	45	238535	51.314	ug/l	92
23) Vinyl Acetate	3.80	43	1020150	254.217	ug/l	99
24) 1,1-Dichloroethane	3.69	63	142734	54.580	ug/l	99
25) 2-Butanone	4.66	43	288630	234.265	ug/l	96
26) 2,2-Dichloropropane	4.57	77	108683	49.422	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93341	55.462	ug/l	95
28) Bromochloromethane	5.00	49	38334	49.041	ug/l	90
29) Tetrahydrofuran	5.12	42	183738	242.343	ug/l	94
30) Chloroform	5.20	83	152364	56.781	ug/l	99
31) Cyclohexane	5.57	56	123218	50.389	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	133329	58.642	ug/l	98
36) 1,1-Dichloropropene	5.79	75	109403	54.970	ug/l	99
37) Ethyl Acetate	4.82	43	108790	48.885	ug/l	99
38) Carbon Tetrachloride	5.77	117	114432	59.072	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	127968	53.020	ug/l	98
40) Benzene	6.14	78	327692	55.748	ug/l	97
41) Methacrylonitrile	5.03	41	61877	50.600	ug/l	97
42) 1,2-Dichloroethane	6.19	62	122007	57.844	ug/l	98
43) Isopropyl Acetate	6.43	43	185840	52.028	ug/l	98
44) Trichloroethene	7.21	130	92209	56.569	ug/l	100
45) 1,2-Dichloropropane	7.51	63	81705	54.538	ug/l	97
46) Dibromomethane	7.65	93	57998	58.106	ug/l	96
47) Bromodichloromethane	7.89	83	116074	59.589	ug/l	99
48) Methyl methacrylate	7.76	41	90606	52.054	ug/l	96
49) 1,4-Dioxane	7.73	88	43530	934.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	572204	256.939	ug/l	97
52) Toluene	8.78	92	211156	56.150	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123761	50.872	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135227	56.445	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85045	57.145	ug/l	98
56) Ethyl methacrylate	9.17	69	138472	51.889	ug/l	96
57) 1,3-Dichloropropane	9.37	76	143662	55.805	ug/l	99
59) 2-Hexanone	9.49	43	445391	256.920	ug/l	98
60) Dibromochloromethane	9.58	129	92562	55.672	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91008	58.132	ug/l	99
64) Tetrachloroethene	9.33	164	90480	63.226	ug/l	95
65) Chlorobenzene	10.14	112	222907	54.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	85516	60.196	ug/l	99
67) Ethyl Benzene	10.25	91	406437	55.845	ug/l	100
68) m/p-Xylenes	10.36	106	304683	112.061	ug/l	99
69) o-Xylene	10.70	106	148890	56.155	ug/l	100
70) Stvrene	10.71	104	255233	56.625	ug/l	99
71) Bromoform	10.85	173	65084	53.542	ug/l	99
73) Isopropylbenzene	11.01	105	391929	55.571	ug/l	99
74) N-amyl acetate	10.89	43	158325	52.124	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	129154	55.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147043	69.110	ug/l	76
77) Bromobenzene	11.25	156	94874	57.085	ug/l	97
78) n-propylbenzene	11.35	91	430724	55.501	ug/l	99
79) 2-Chlorotoluene	11.42	91	267842	54.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336572	57.152	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	39183	47.572	ug/l	99
82) 4-Chlorotoluene	11.51	91	313996	56.167	ug/l	100
83) tert-Butylbenzene	11.77	119	330131	57.466	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336454	56.411	ug/l	99
85) sec-Butylbenzene	11.94	105	369003	55.443	ug/l	98
86) p-Isopropyltoluene	12.06	119	344956	55.884	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170811	55.345	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	166684	53.327	ug/l	99
89) n-Butylbenzene	12.39	91	272601	52.546	ug/l	98
90) Hexachloroethane	12.59	117	61071	53.274	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	172607	57.047	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31735	57.720	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	103180	54.438	ug/l	100

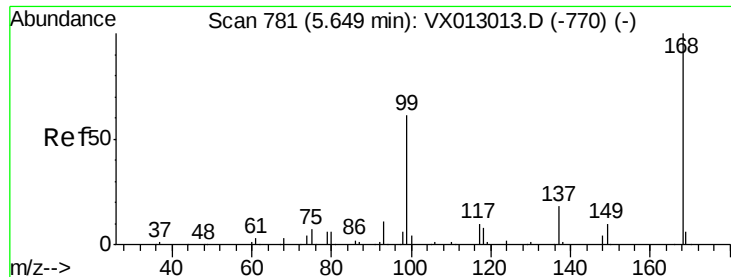
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48765	55.750	ug/l	96
95) Naphthalene	13.83	128	329559	50.159	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	103036	52.606	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

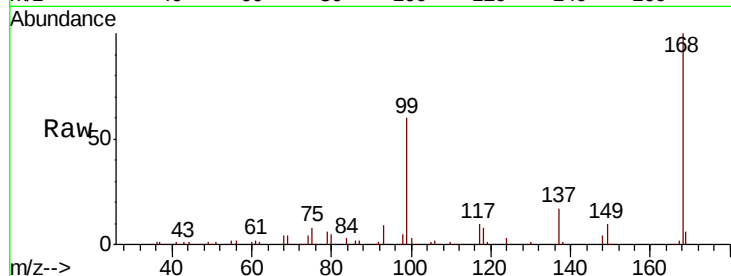
MW-309-SRI4MSD

Tot Ion:168 Resp: 134799

Ion Ratio Lower Upper

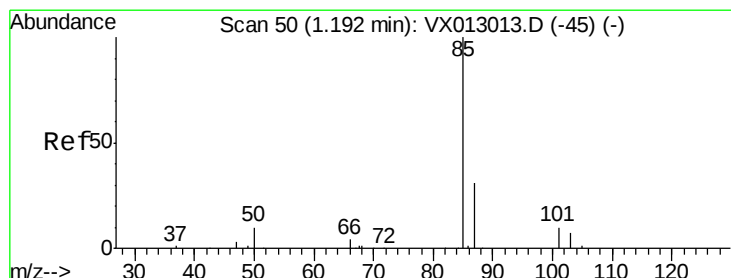
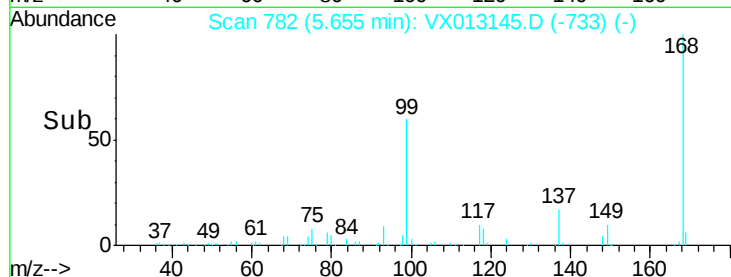
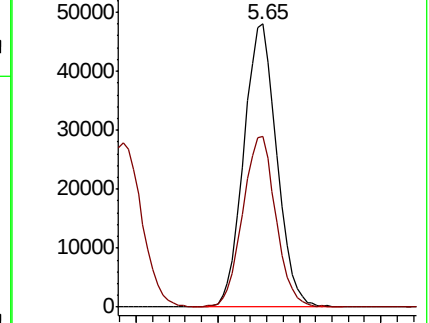
168 100

99 60.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.346 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013145.D

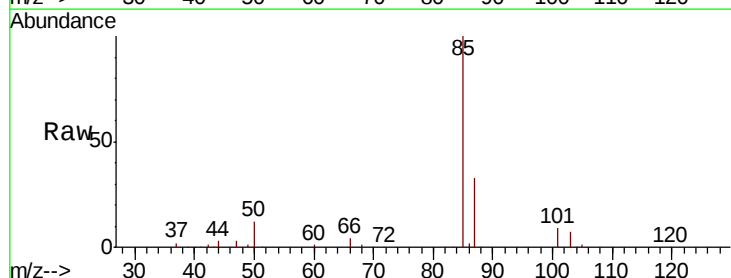
Acq: 18 Oct 2019 22:10

Tgt Ion: 85 Resp: 82917

Ion Ratio Lower Upper

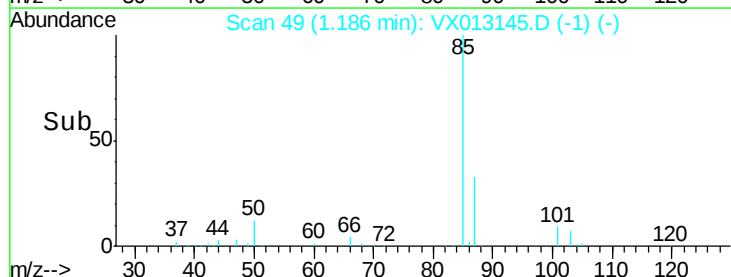
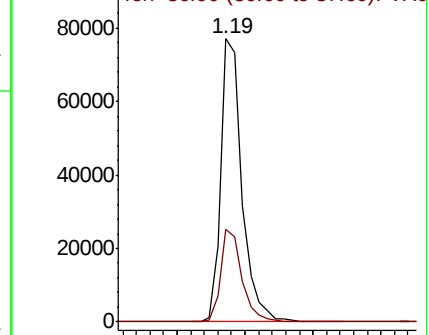
85 100

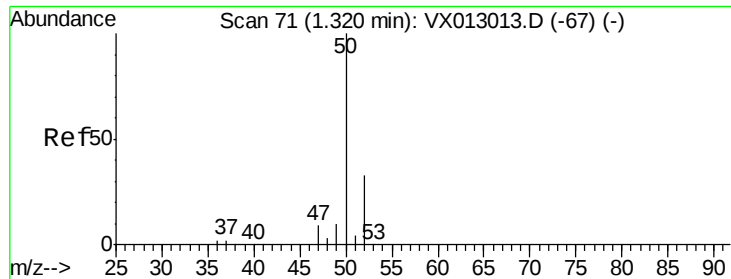
87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.656 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

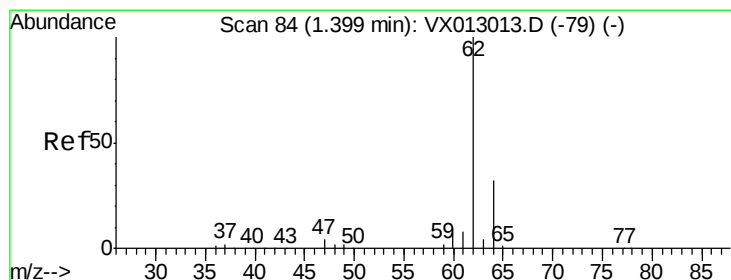
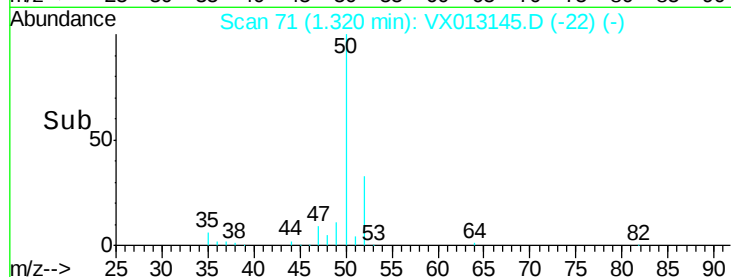
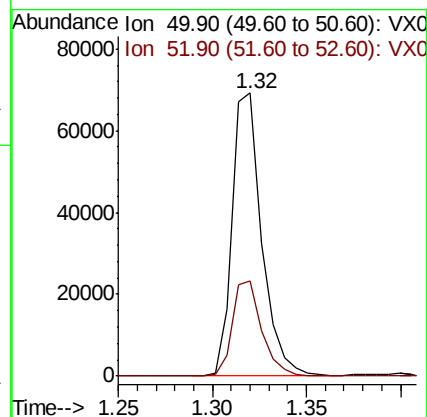
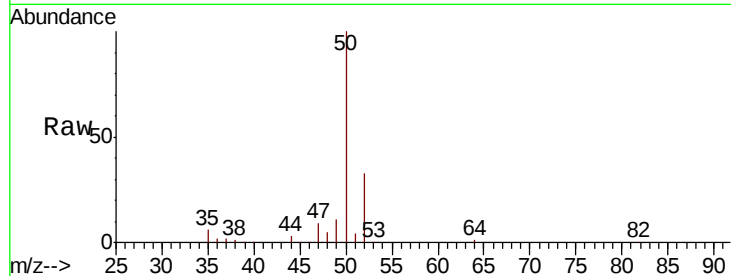
MW-309-SRI4MSD

Tot Ion: 50 Resp: 75749

Ion Ratio Lower Upper

50 100

52 33.5 25.2 37.8



#4

Vinyl Chloride

Concen: 51.698 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013145.D

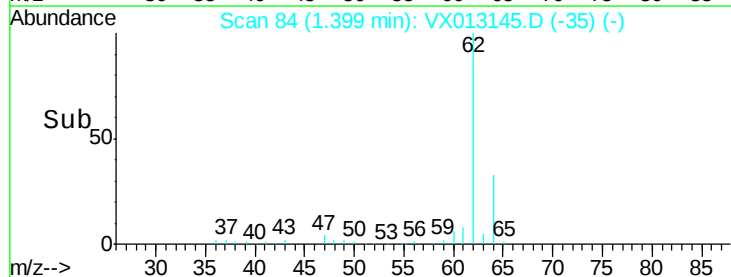
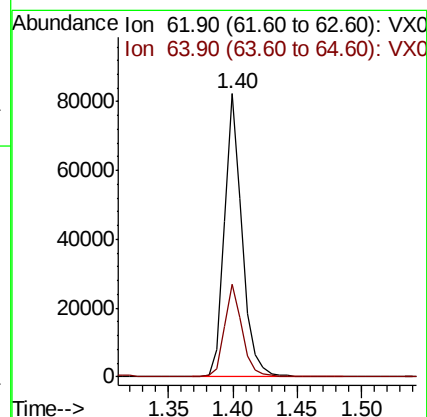
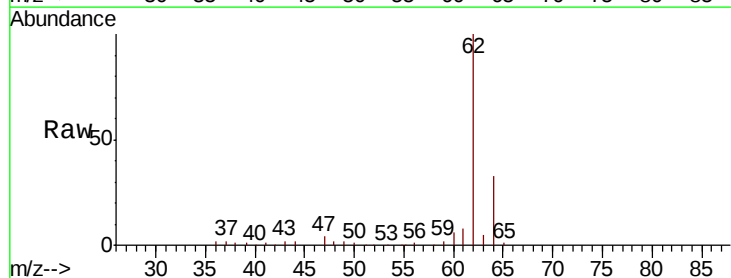
Acq: 18 Oct 2019 22:10

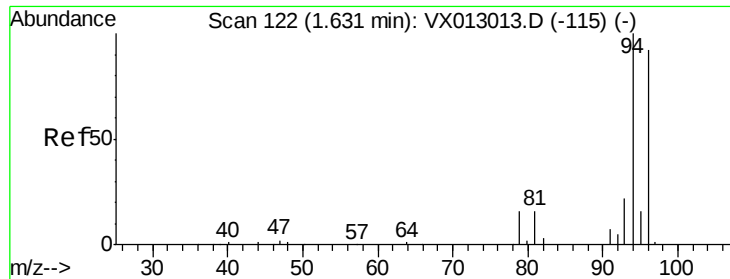
Tgt Ion: 62 Resp: 79794

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 58.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

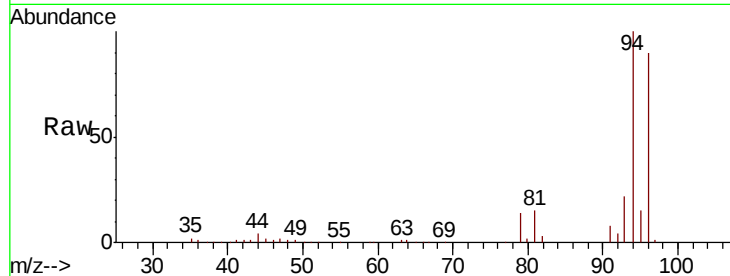
MW-309-SRI4MSD

Tot Ion: 94 Resp: 37478

Ion Ratio Lower Upper

94 100

96 89.7 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

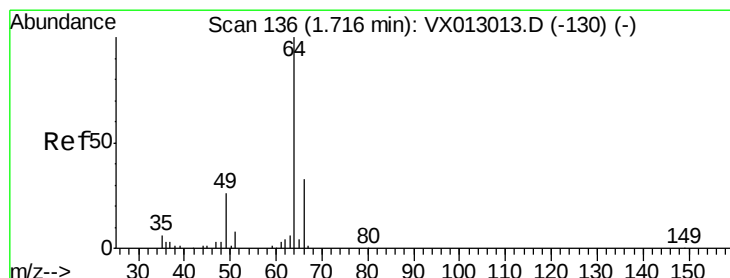
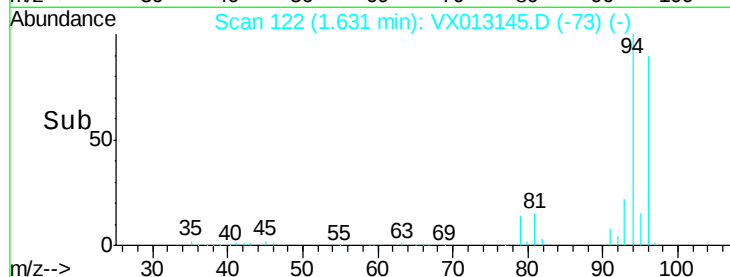
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 51.989 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013145.D

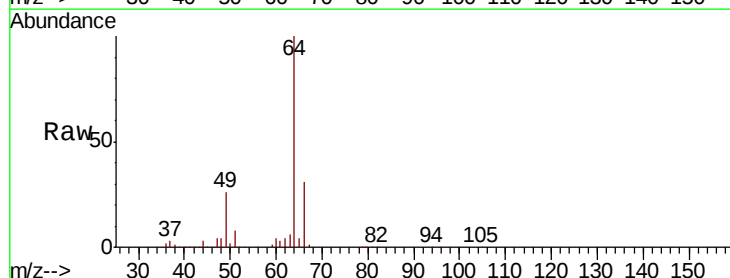
Acq: 18 Oct 2019 22:10

Tgt Ion: 64 Resp: 49029

Ion Ratio Lower Upper

64 100

66 31.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

40000

30000

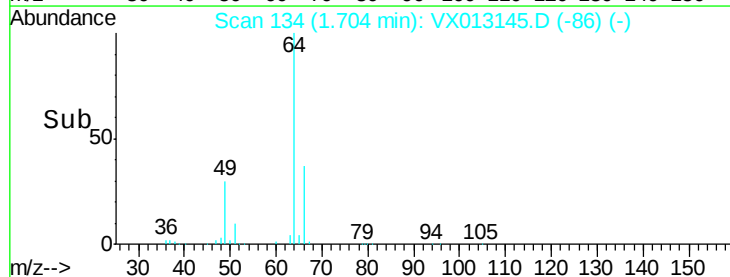
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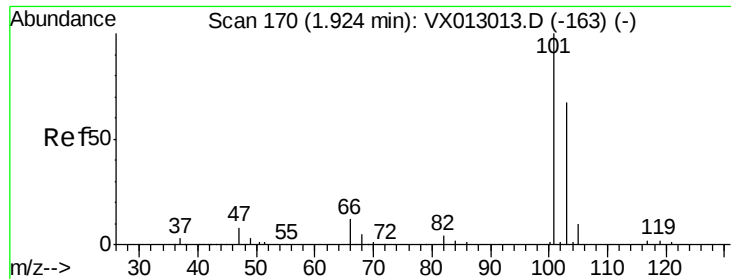
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Time-->

1.60 1.70 1.80



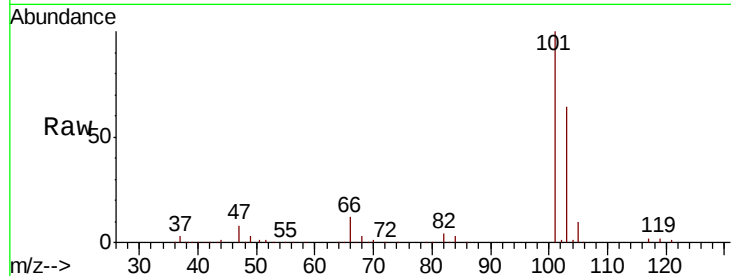


#7

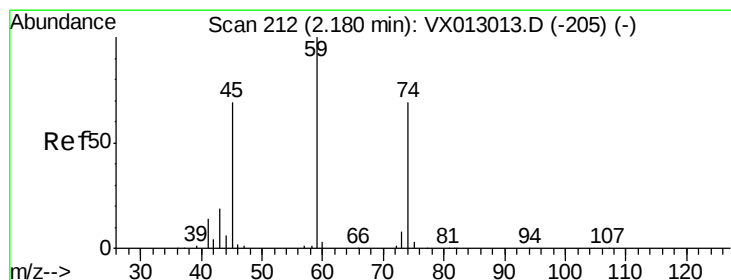
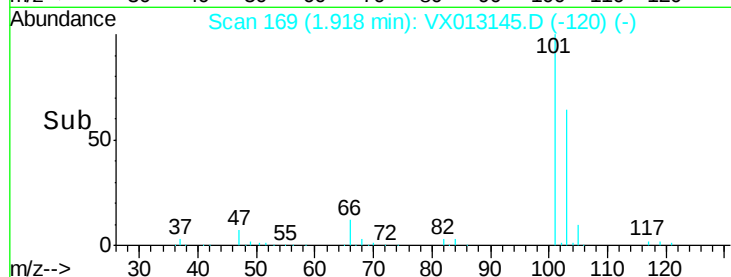
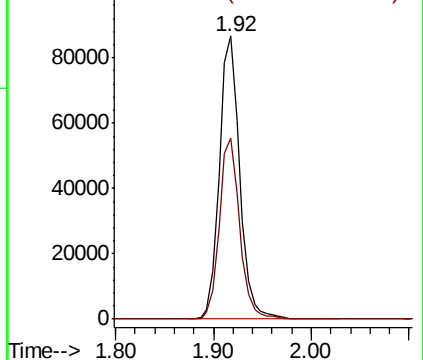
Trichlorofluoromethane
Concen: 60.053 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

Tot Ion:101 Resp: 125104
Ion Ratio Lower Upper
101 100
103 64.0 52.5 78.7



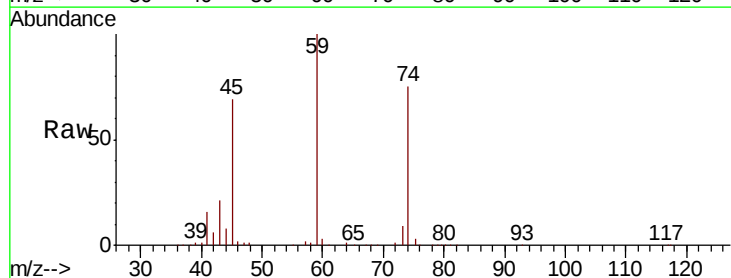
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



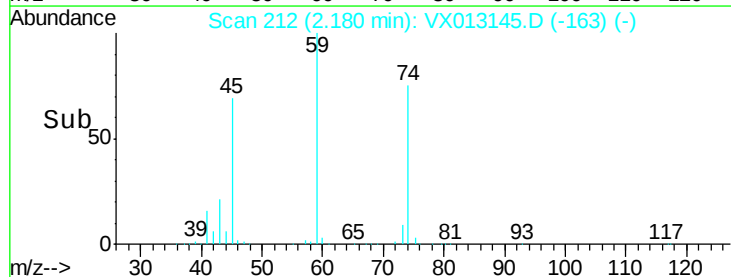
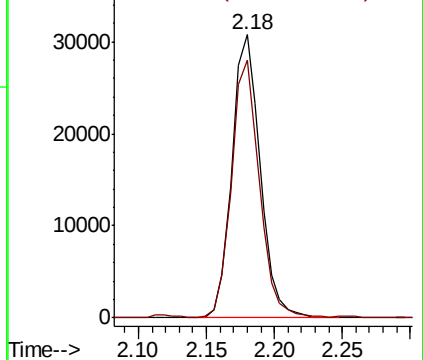
#8

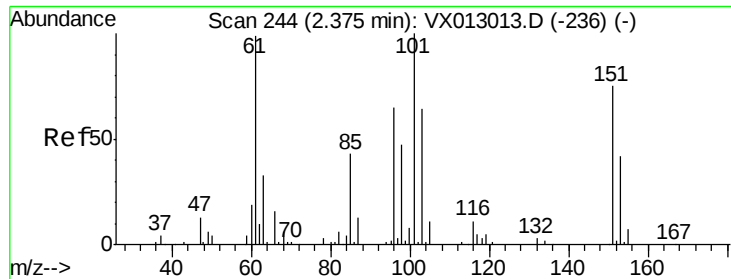
Diethyl Ether
Concen: 52.876 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 74 Resp: 44462
Ion Ratio Lower Upper
74 100
45 89.5 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.674 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

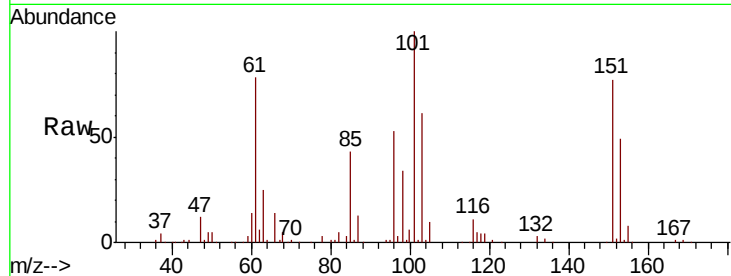
Tot Ion:101 Resp: 73714

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

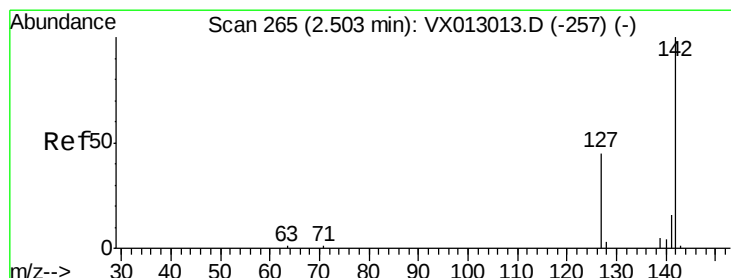
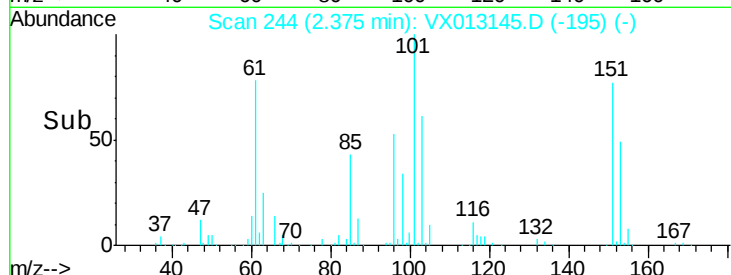
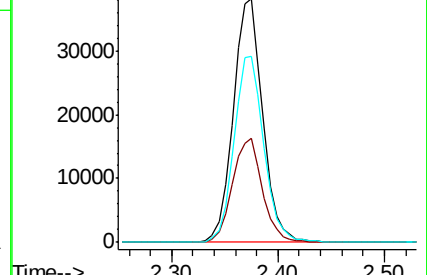
151 77.5 60.3 90.5



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: 63.635 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

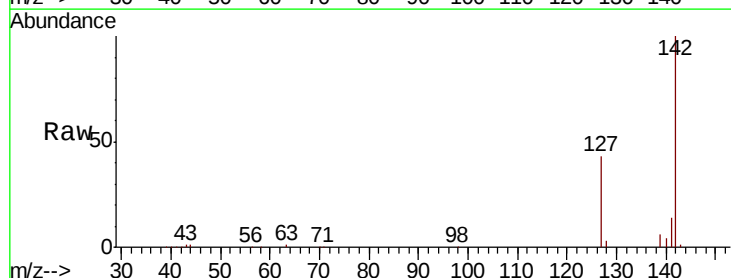
Tgt Ion:142 Resp: 99553

Ion Ratio Lower Upper

142 100

127 44.3 34.9 52.3

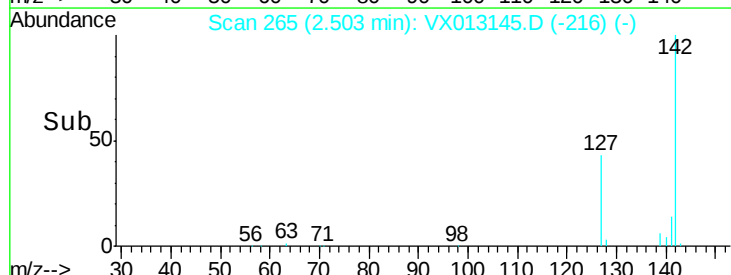
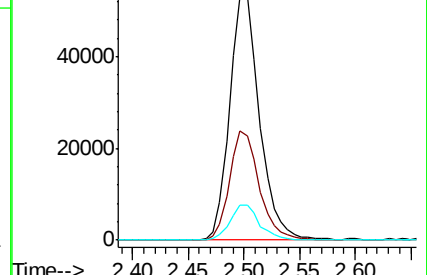
141 14.1 11.6 17.4

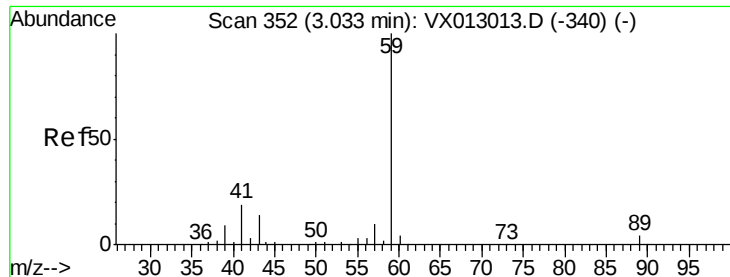


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

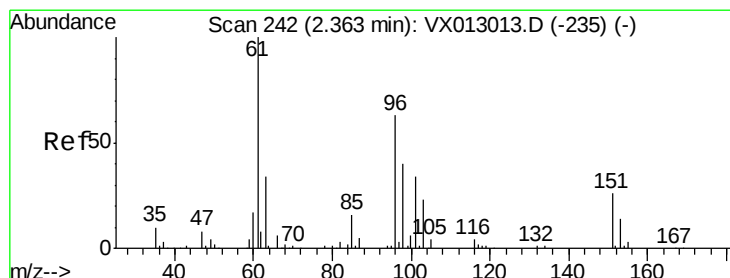
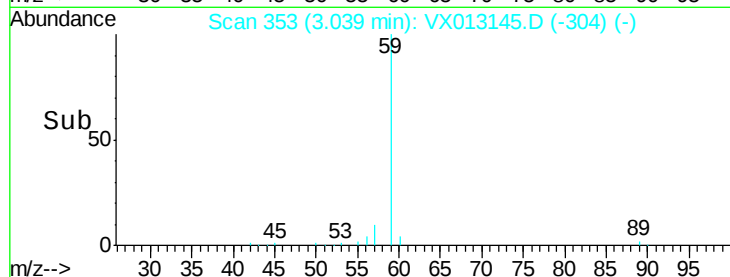
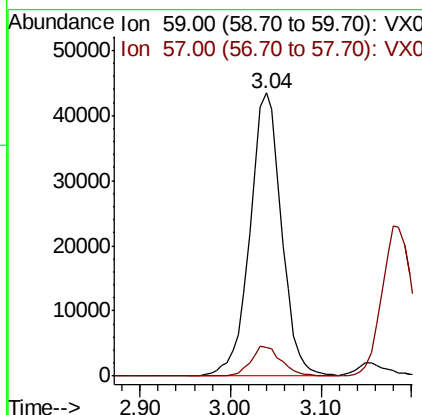
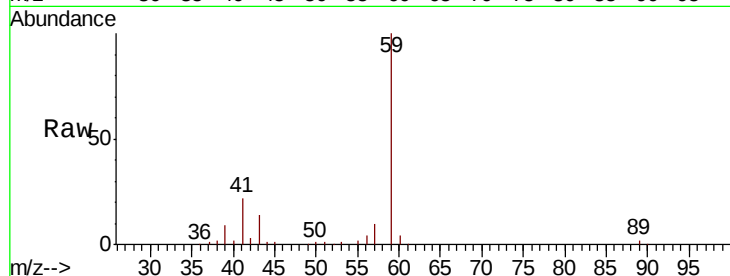




#11
Tert butyl alcohol
Concen: 234.550 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

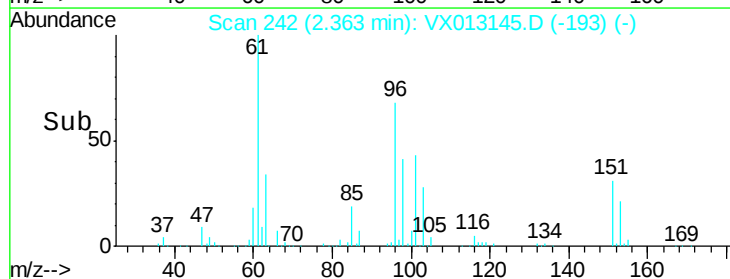
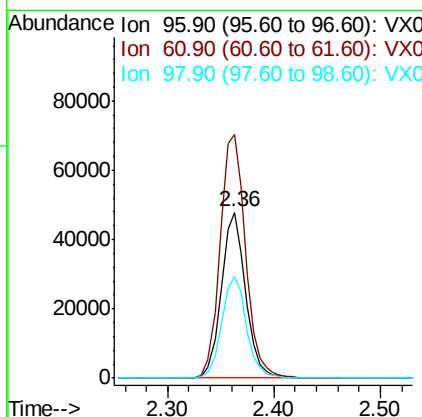
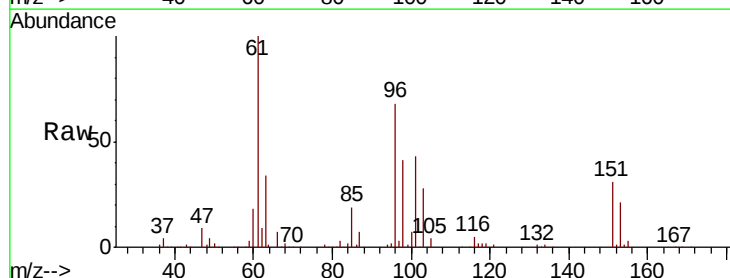
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

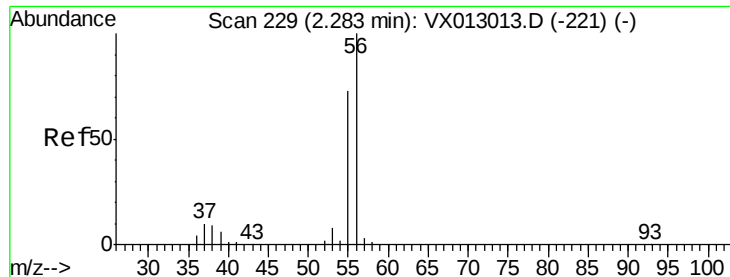
Tot Ion: 59 Resp: 104757
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 55.594 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 96 Resp: 75731
Ion Ratio Lower Upper
96 100
61 146.8 132.2 198.4
98 60.8 50.5 75.7

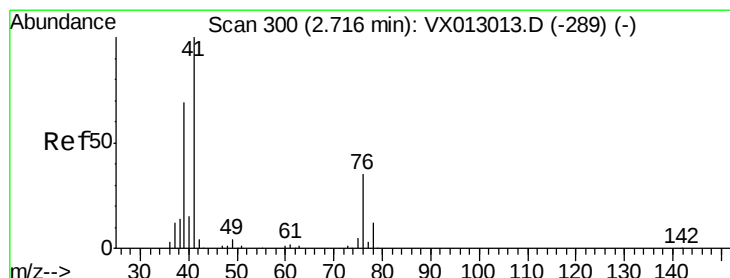
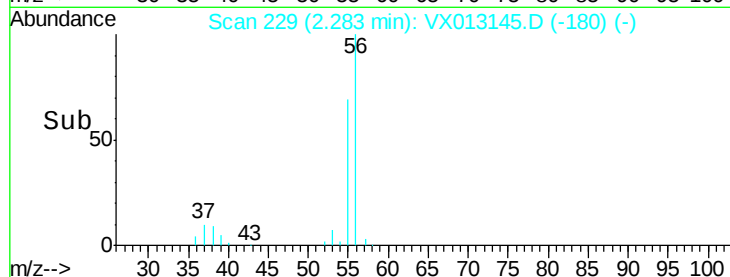
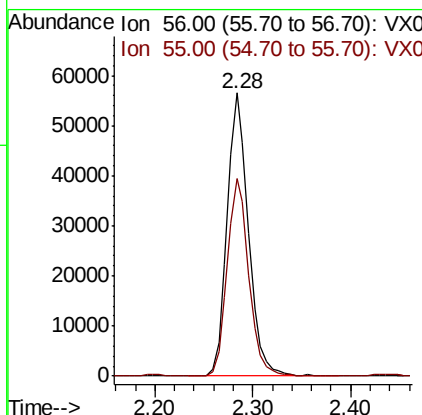
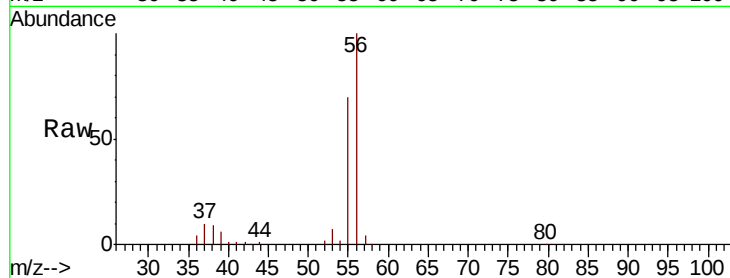




#13
Acrolein
Concen: 269.373 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

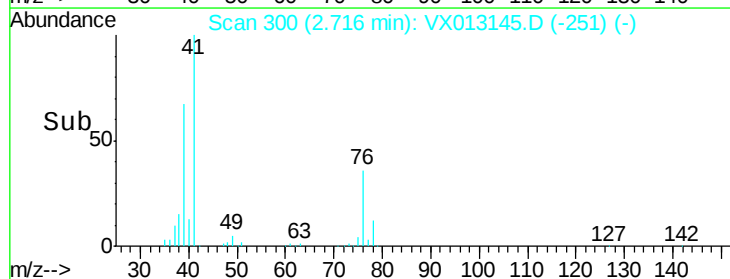
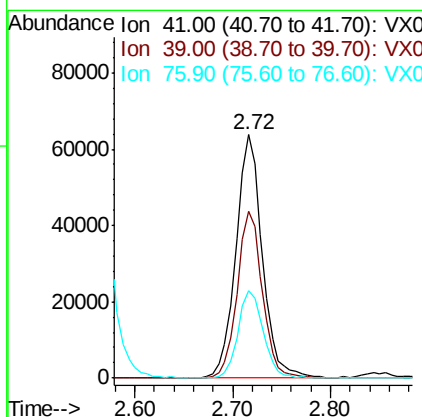
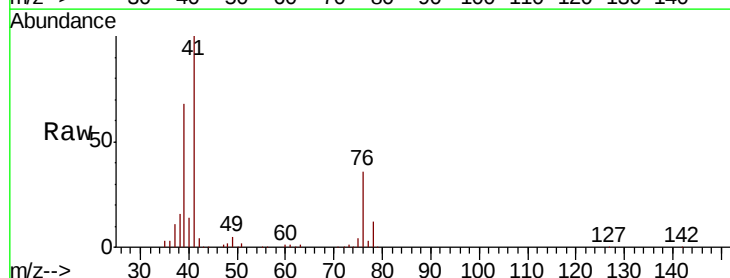
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

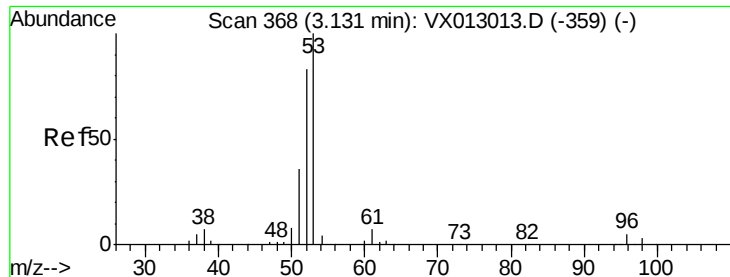
Tot Ion: 56 Resp: 85499
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0



#14
Allyl chloride
Concen: 49.330 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 41 Resp: 119671
Ion Ratio Lower Upper
41 100
39 65.5 51.0 76.6
76 34.6 26.2 39.4



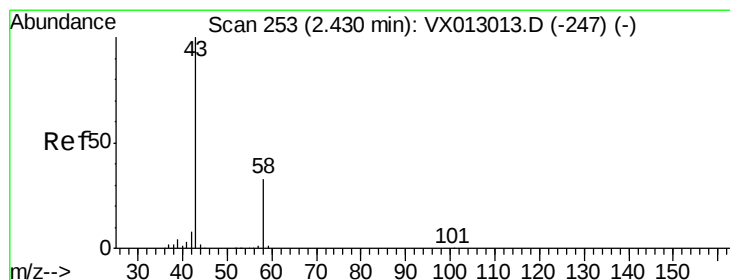
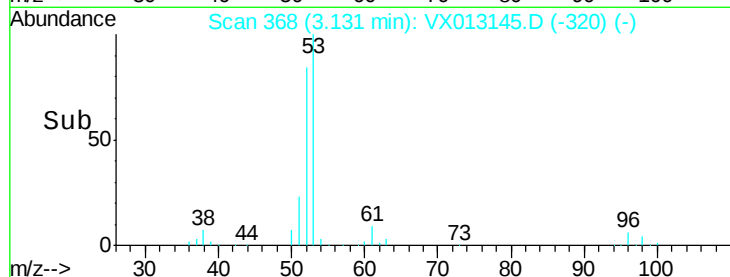
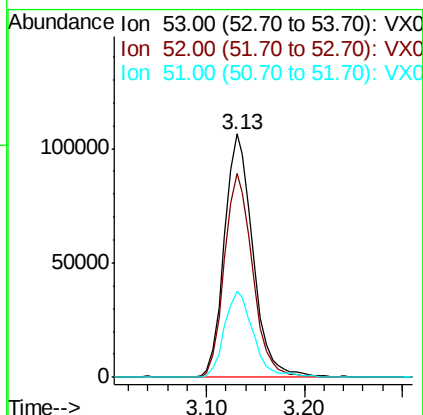
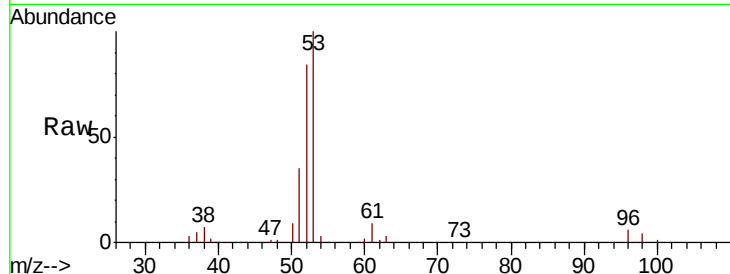


#15
 Acrylonitrile
 Concen: 254.804 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

Tot Ion: 53 Resp: 215665

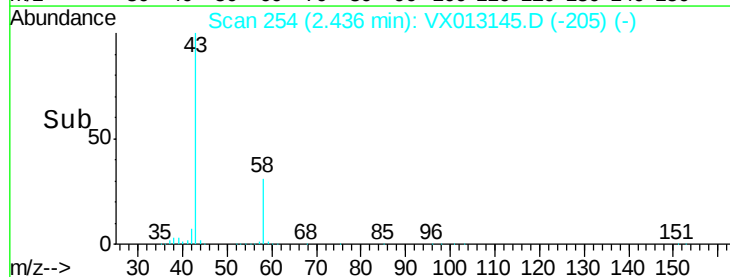
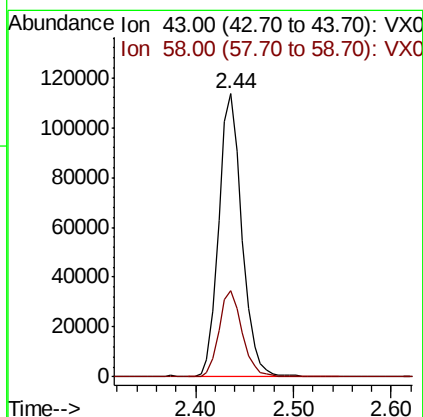
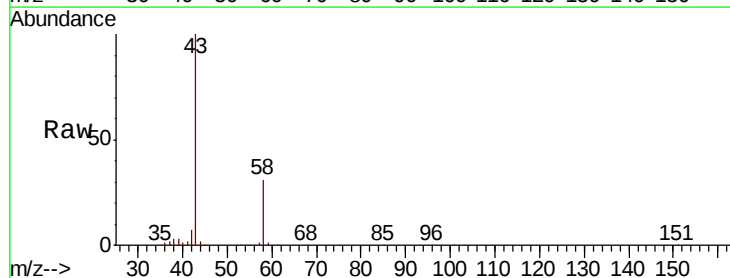
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.7	28.2	42.4

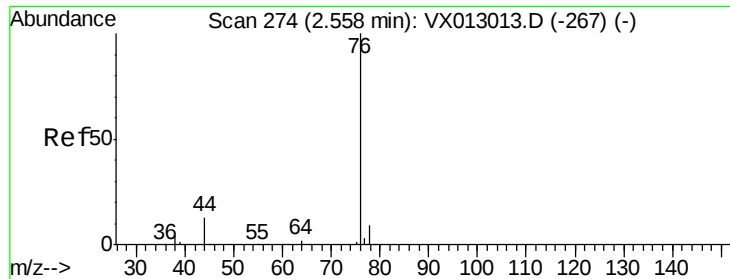


#16
 Acetone
 Concen: 211.073 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 43 Resp: 187447

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.4	38.2

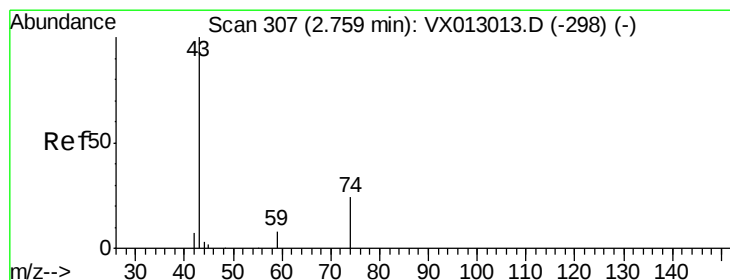
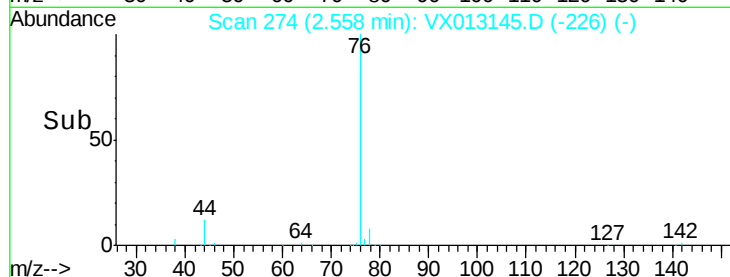
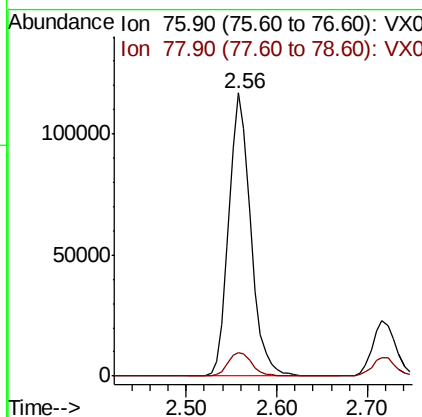
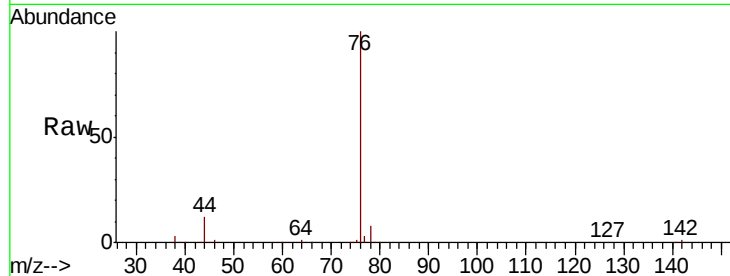




#17
Carbon Disulfide
Concen: 50.473 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

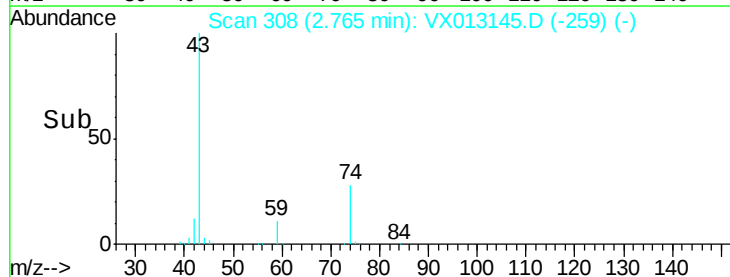
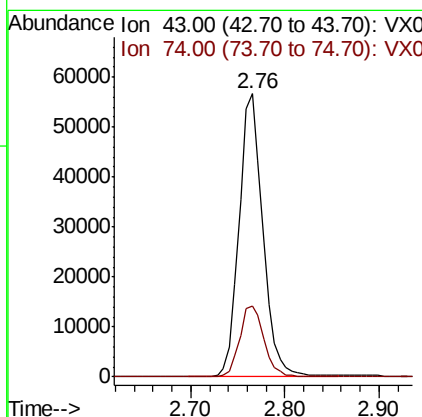
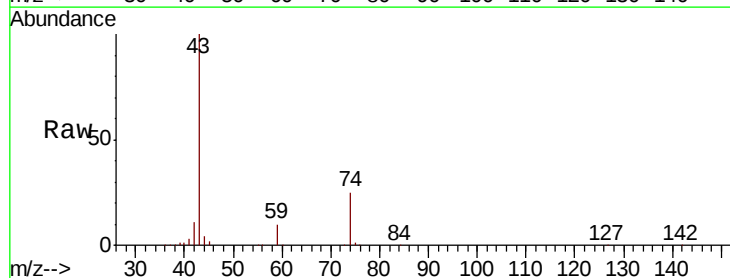
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

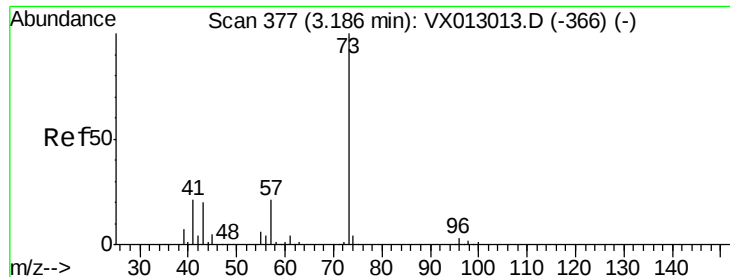
Tot Ion: 76 Resp: 196047
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 47.740 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 43 Resp: 100490
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8

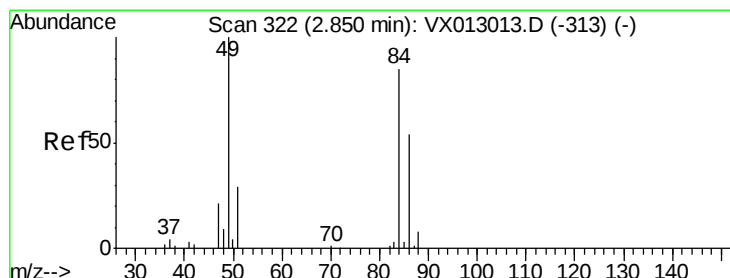
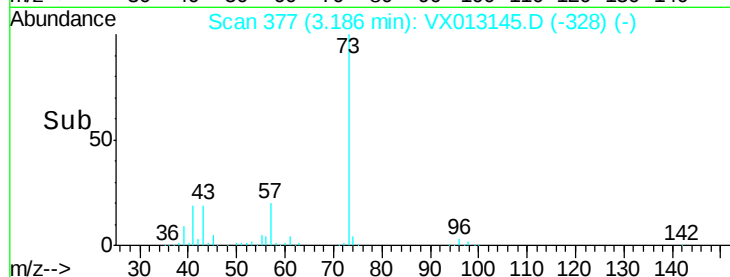
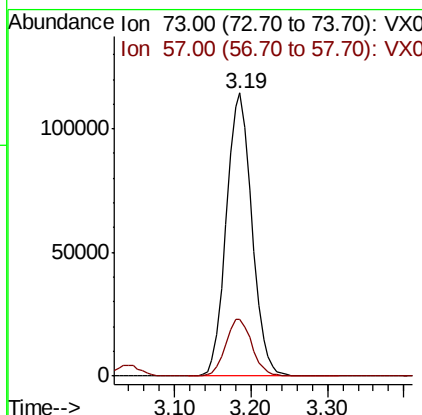
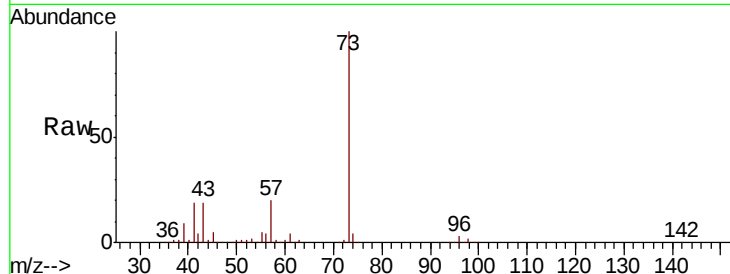




#19
Methyl tert-butyl Ether
Concen: 56.193 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

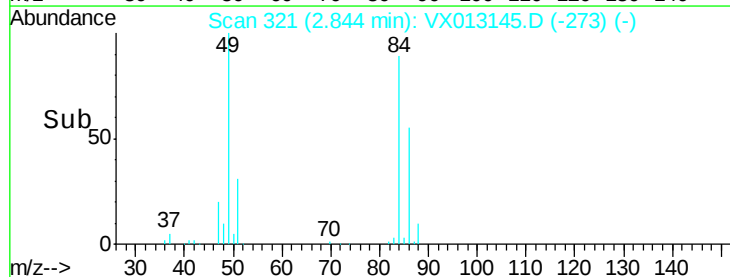
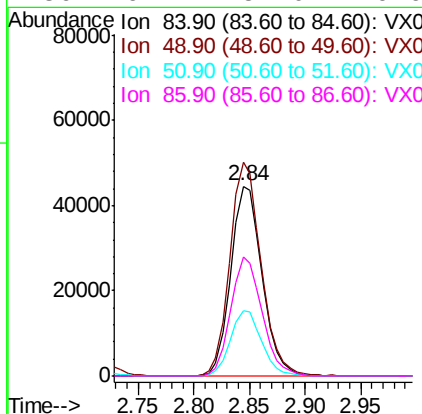
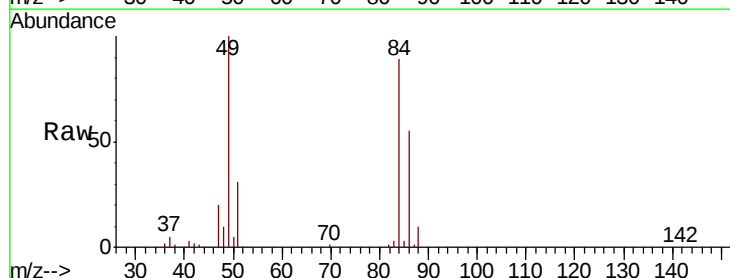
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

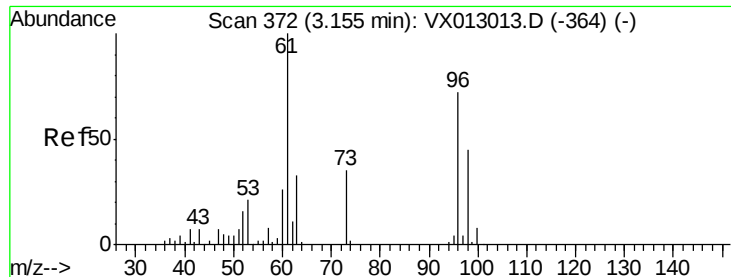
Tot Ion: 73 Resp: 264345
Ion Ratio Lower Upper
73 100
57 20.0 17.8 26.6



#20
Methylene Chloride
Concen: 53.181 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 84 Resp: 86796
Ion Ratio Lower Upper
84 100
49 112.5 96.6 144.8
51 34.6 30.7 46.1
86 62.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 54.846 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

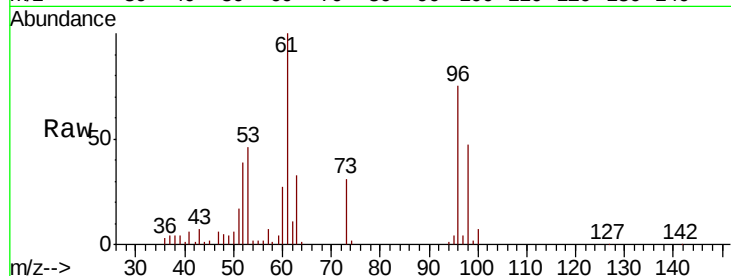
Tot Ion: 96 Resp: 80077

Ion Ratio Lower Upper

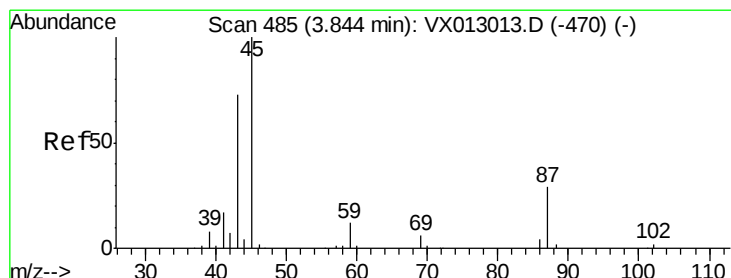
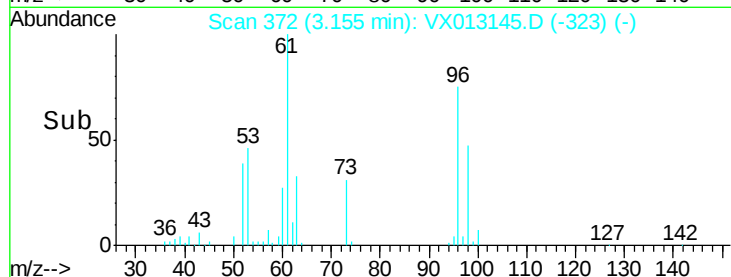
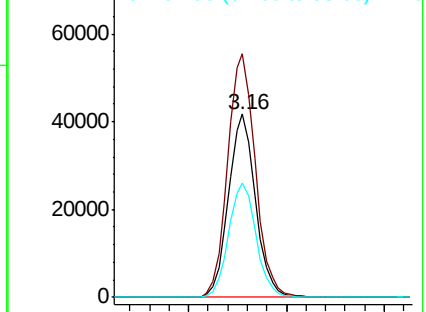
96 100

61 132.8 110.4 165.6

98 62.5 51.5 77.3



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: 51.314 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Tgt Ion: 45 Resp: 238535

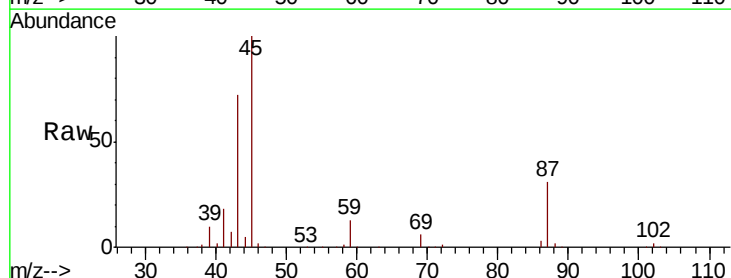
Ion Ratio Lower Upper

45 100

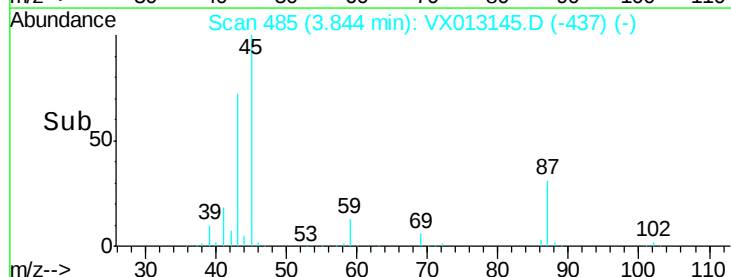
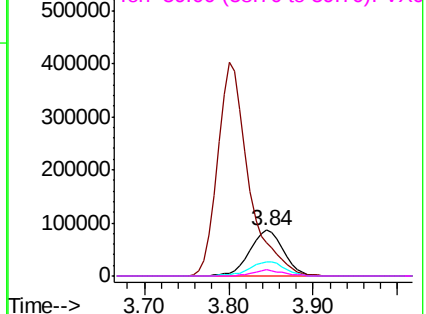
43 71.7 51.4 77.0

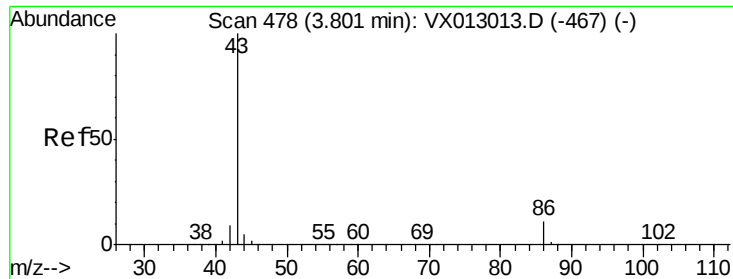
87 30.9 22.5 33.7

59 13.2 9.7 14.5



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: 254.217 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

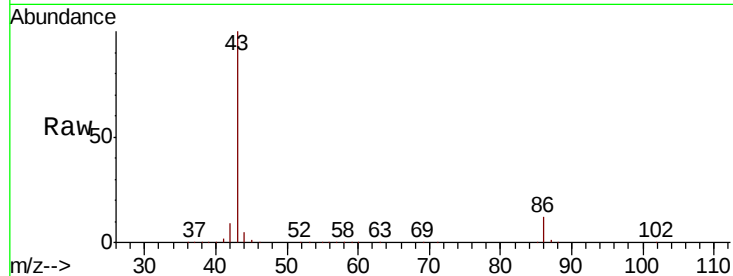
MW-309-SRI4MSD

Tot Ion: 43 Resp: 1020150

Ion Ratio Lower Upper

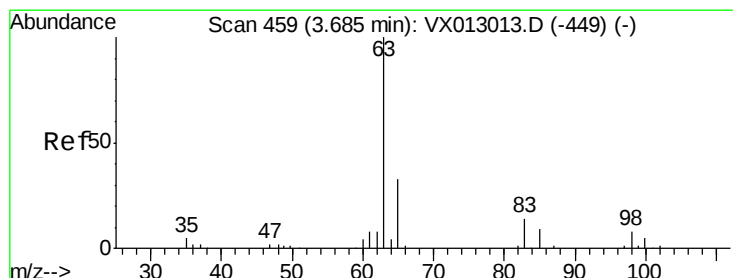
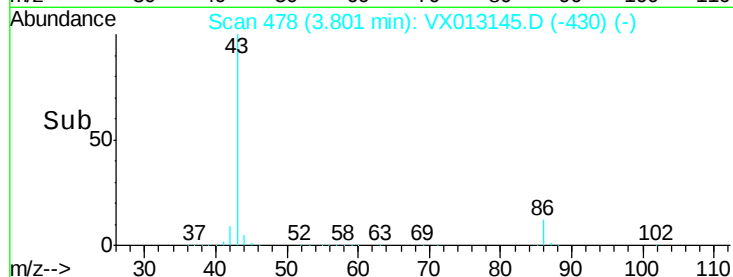
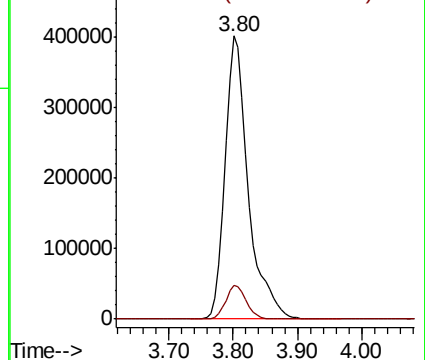
43 100

86 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.580 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

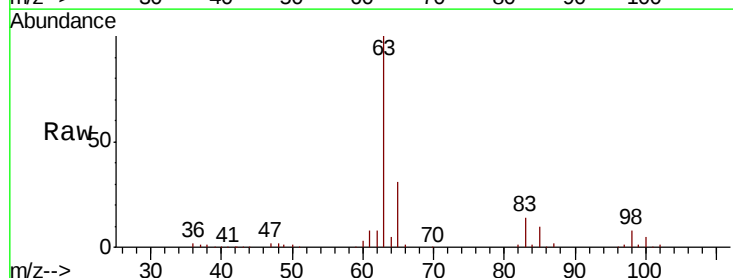
Tgt Ion: 63 Resp: 142734

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

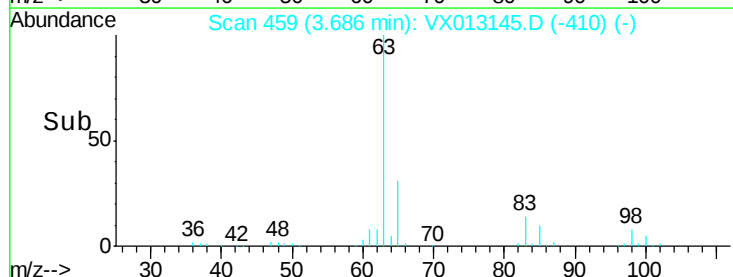
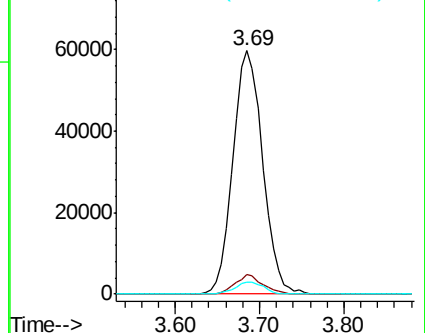
100 4.8 2.3 6.9

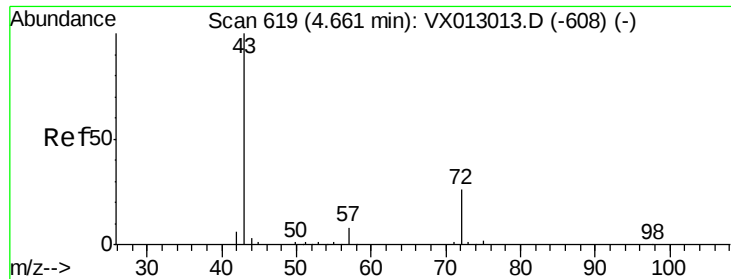


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.265 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

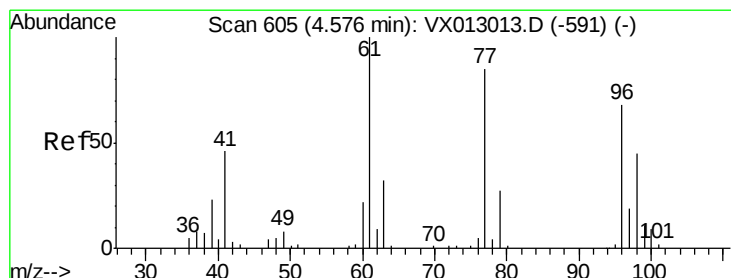
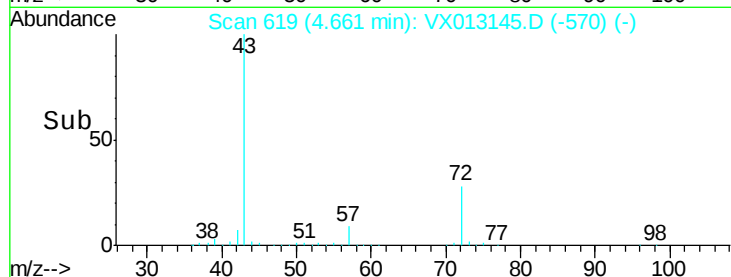
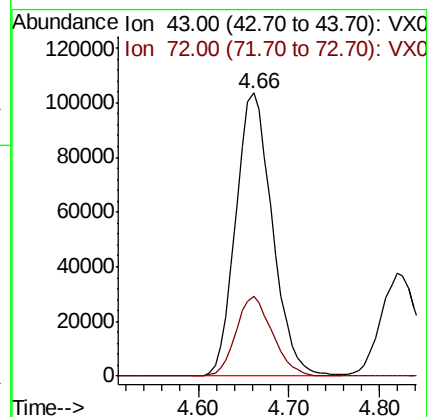
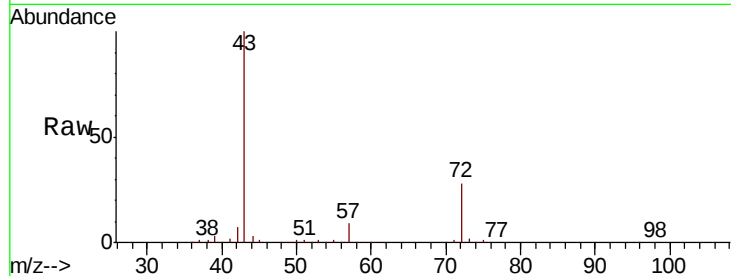
MW-309-SRI4MSD

Tot Ion: 43 Resp: 288630

Ion Ratio Lower Upper

43 100

72 28.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 49.422 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013145.D

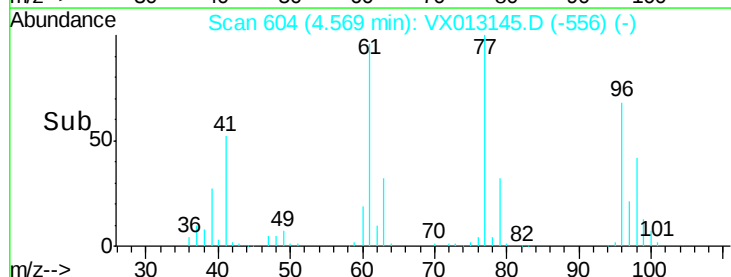
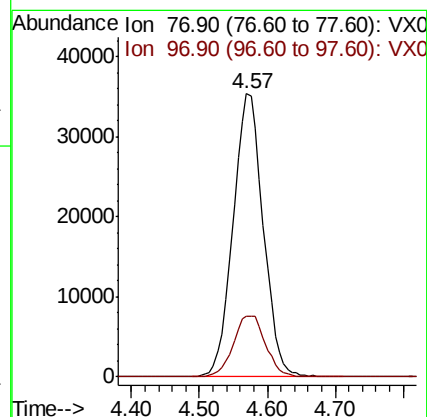
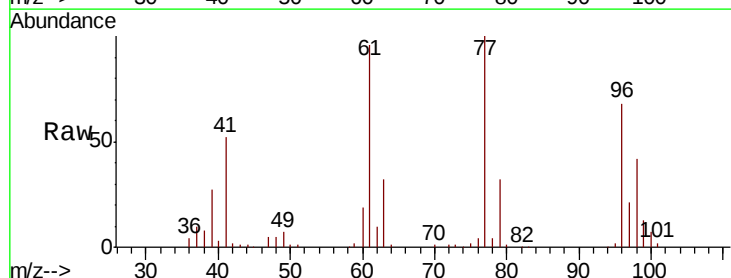
Acq: 18 Oct 2019 22:10

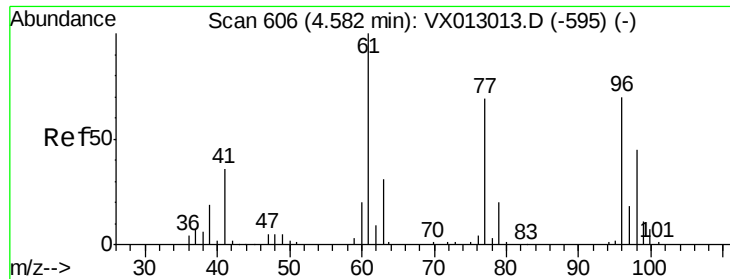
Tgt Ion: 77 Resp: 108683

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



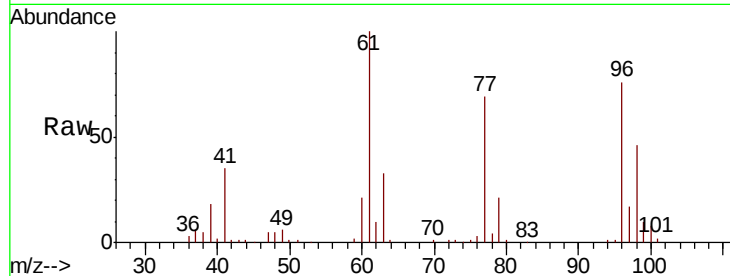


#27

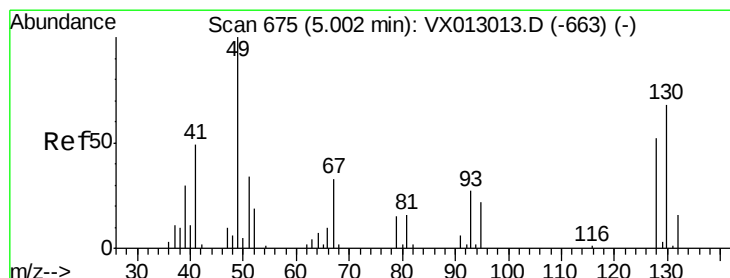
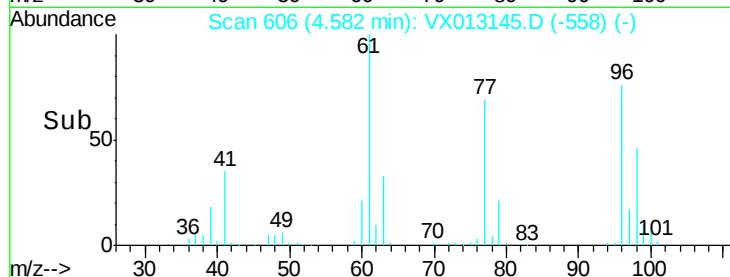
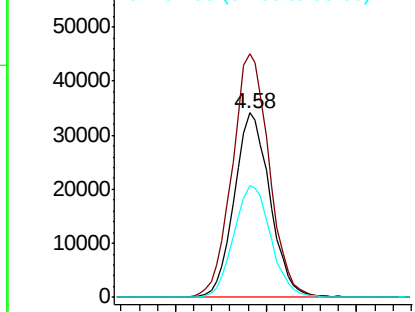
cis-1,2-Dichloroethene
Concen: 55.462 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

Tot Ion: 96 Resp: 93341
Ion Ratio Lower Upper
96 100
61 137.2 0.0 290.6
98 62.5 0.0 128.8



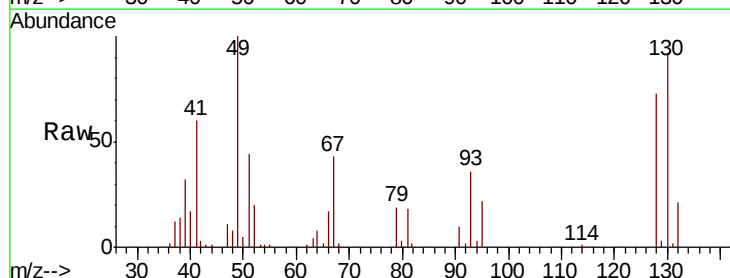
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



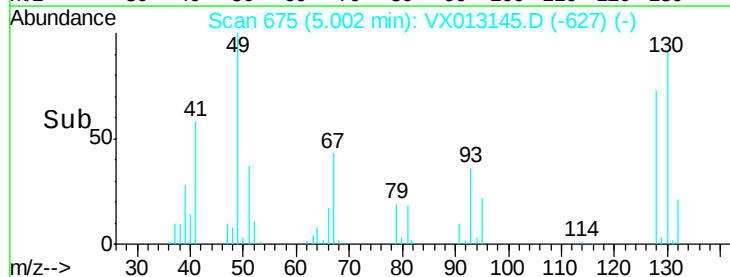
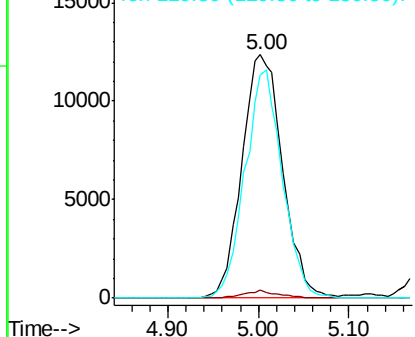
#28

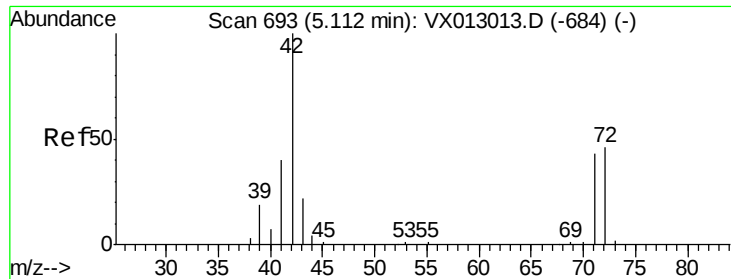
Bromochloromethane
Concen: 49.041 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 49 Resp: 38334
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 86.1 62.1 93.1



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: 242.343 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

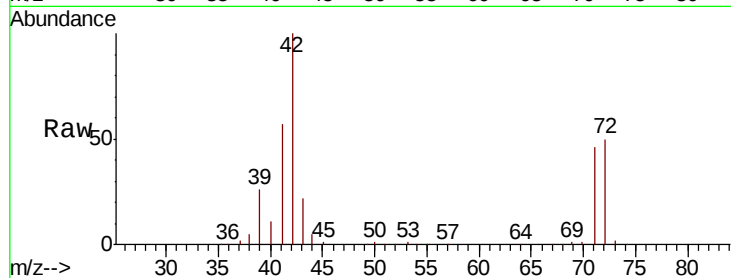
Tot Ion: 42 Resp: 183738

Ion Ratio Lower Upper

42 100

72 50.2 36.9 55.3

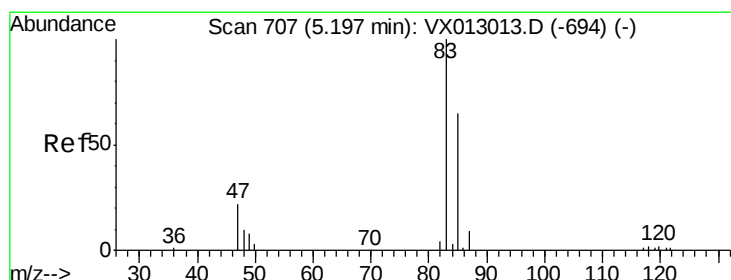
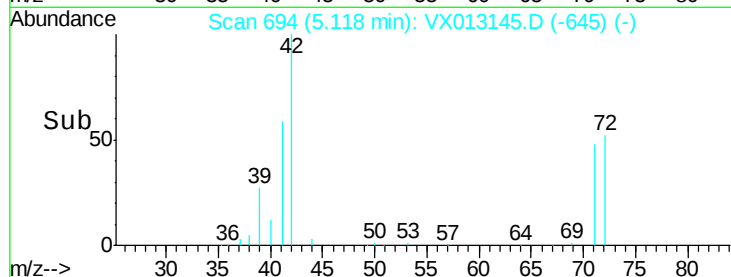
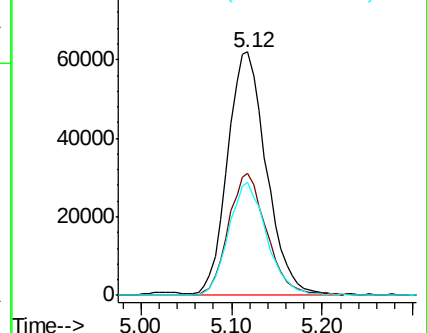
71 46.0 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 56.781 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013145.D

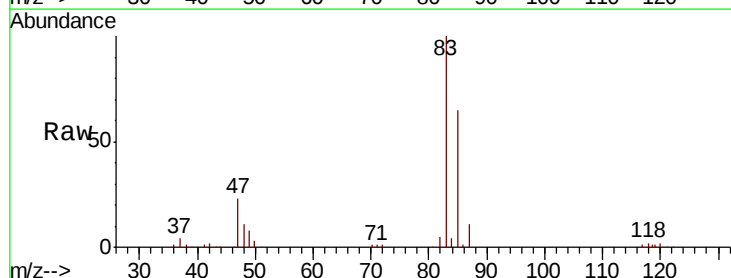
Acq: 18 Oct 2019 22:10

Tgt Ion: 83 Resp: 152364

Ion Ratio Lower Upper

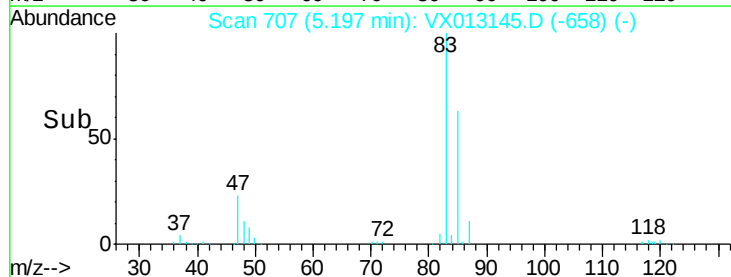
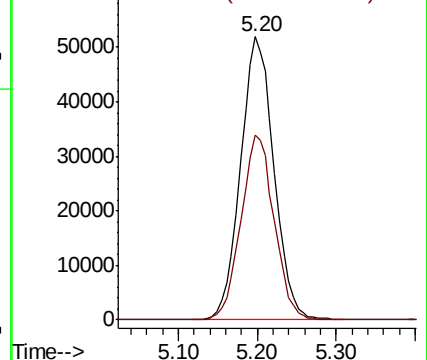
83 100

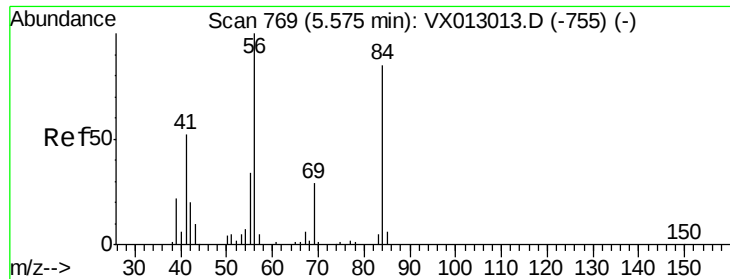
85 65.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

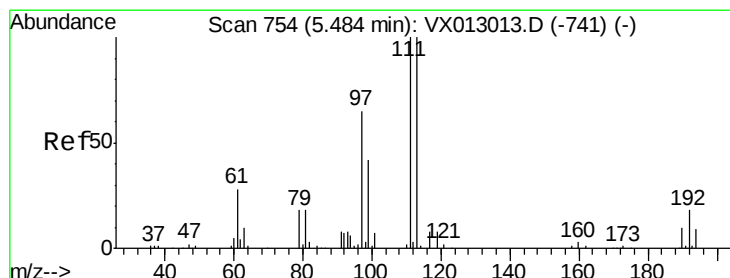
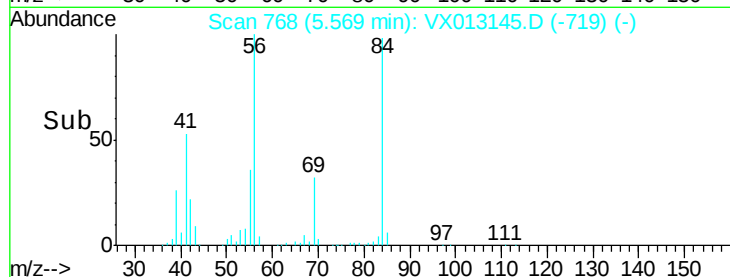
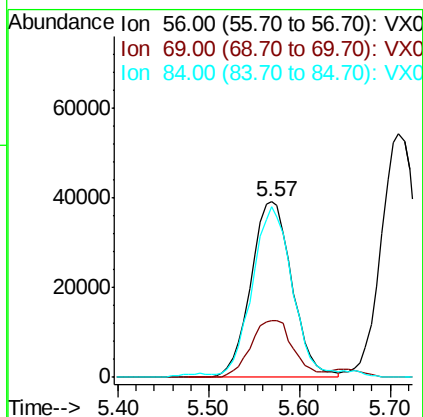
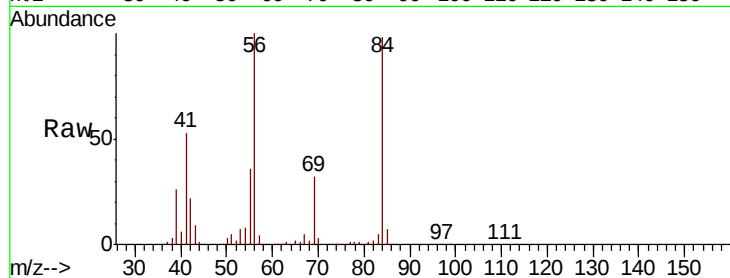




#31
Cyclohexane
Concen: 50.389 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

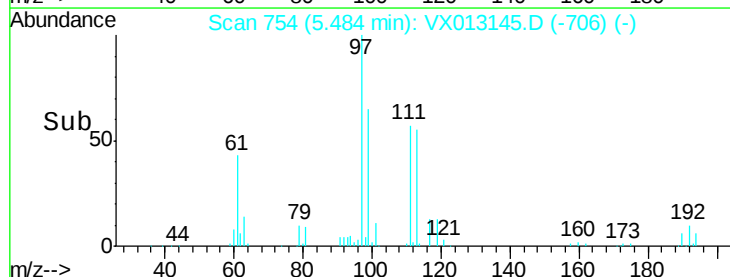
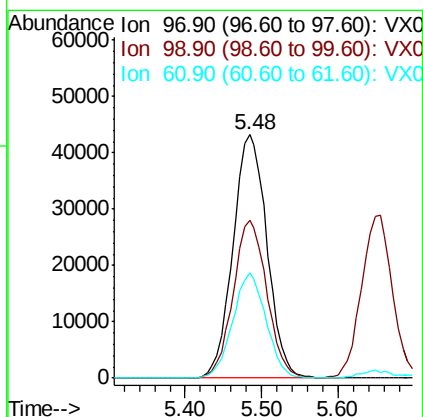
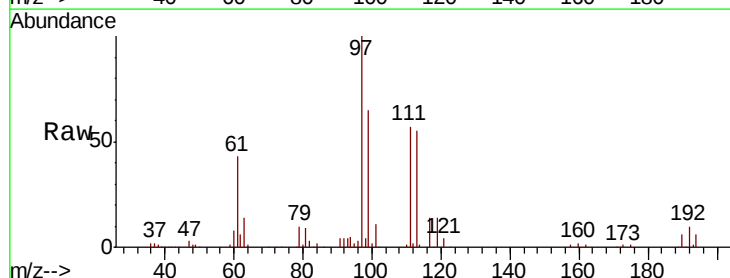
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

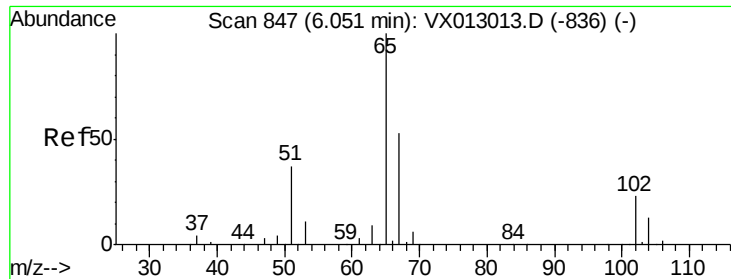
Tot Ion: 56 Resp: 123218
Ion Ratio Lower Upper
56 100
69 32.2 25.2 37.8
84 95.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 58.642 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 97 Resp: 133329
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 42.2 35.0 52.4

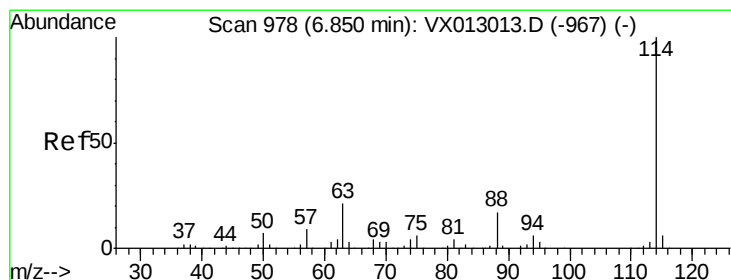
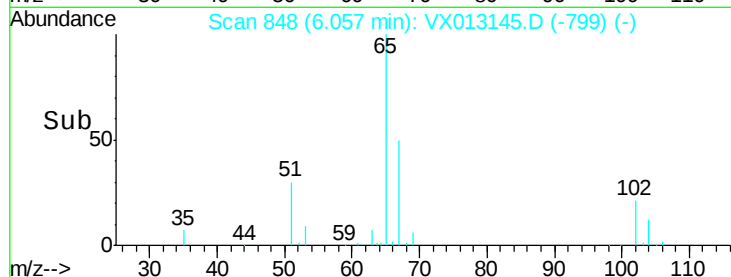
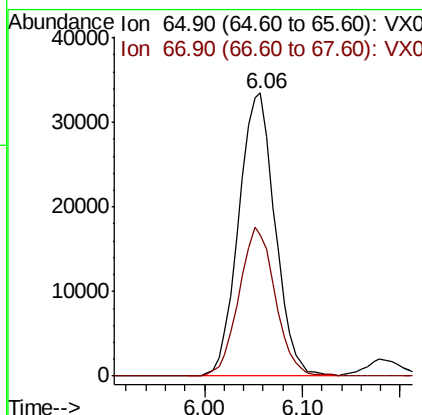
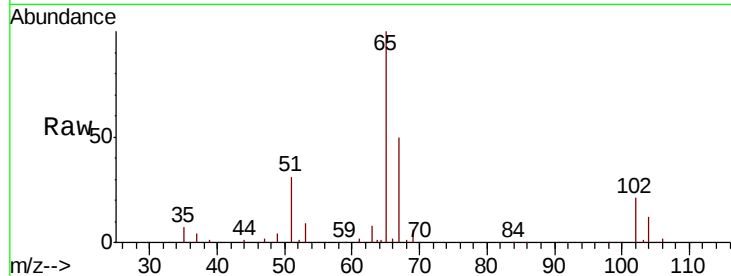




#33
 1,2-Dichloroethane-d4
 Concen: 51.459 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

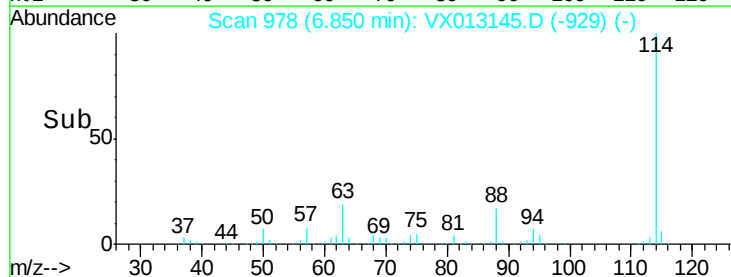
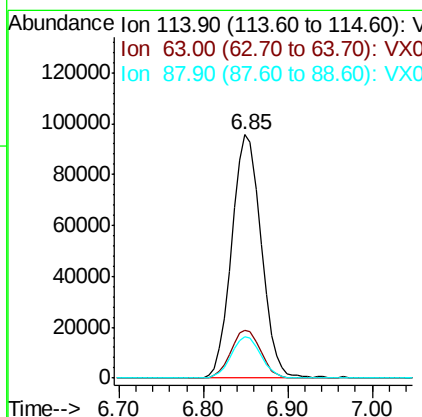
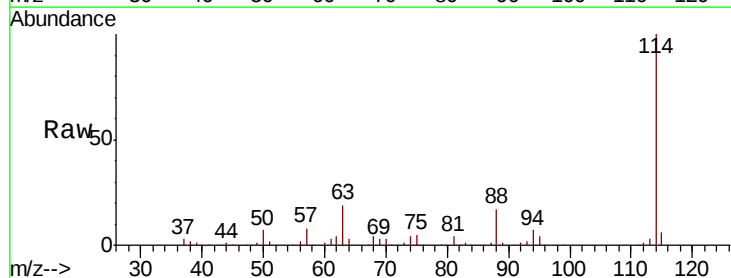
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

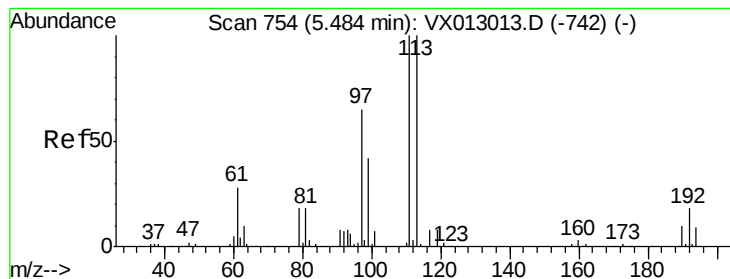
Tot Ion: 65 Resp: 86699
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 114 Resp: 226365
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.078 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

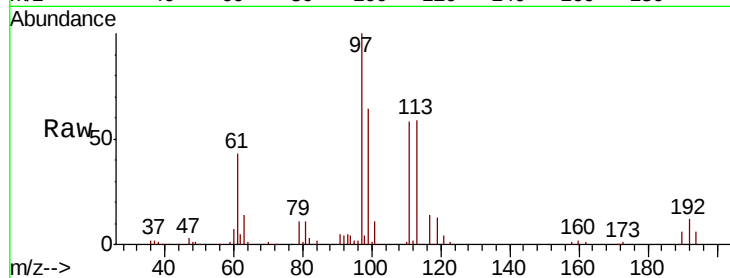
Tot Ion:113 Resp: 70259

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

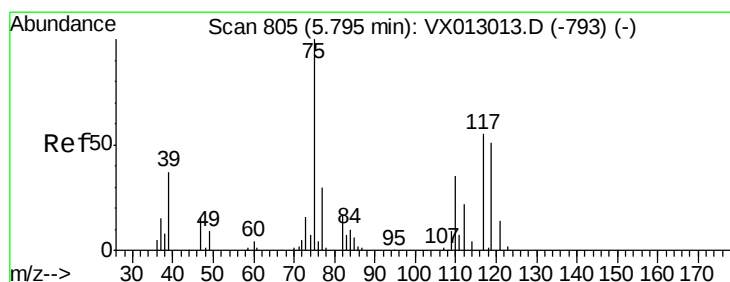
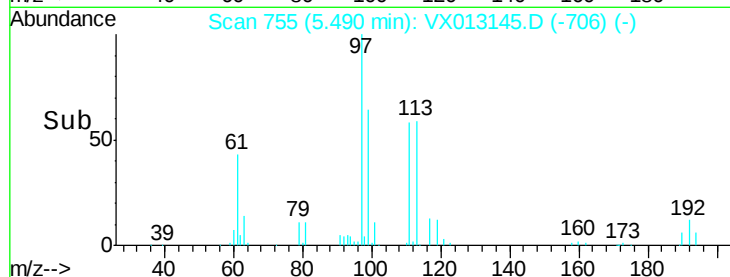
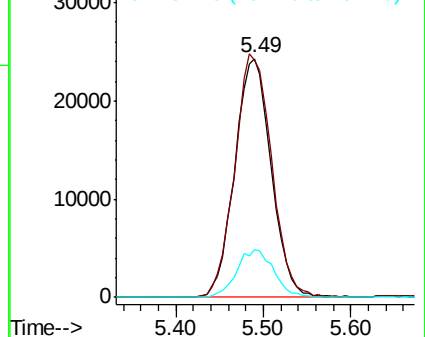
192 20.2 15.4 23.2



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: 54.970 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

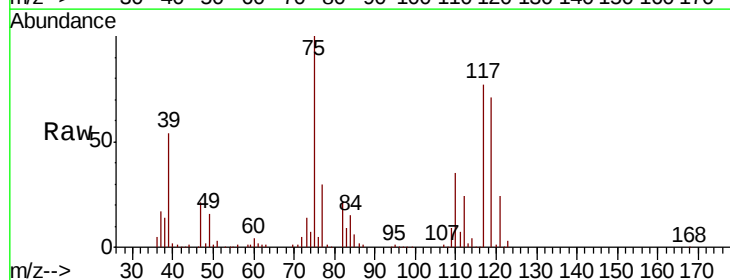
Tgt Ion: 75 Resp: 109403

Ion Ratio Lower Upper

75 100

110 36.5 17.6 52.9

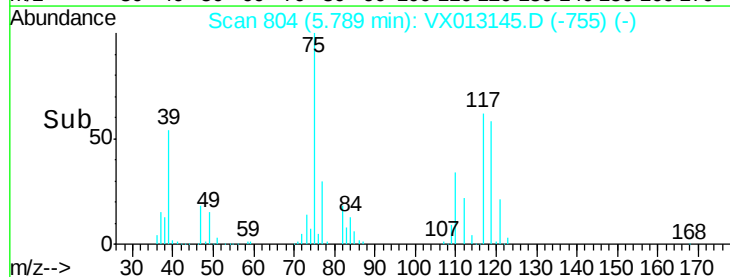
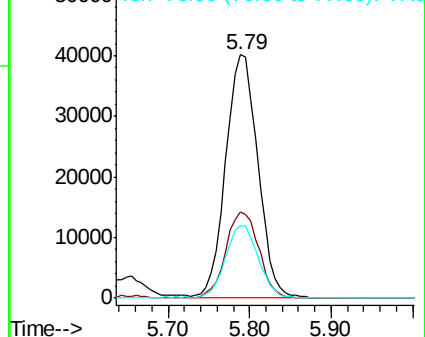
77 30.5 24.4 36.6

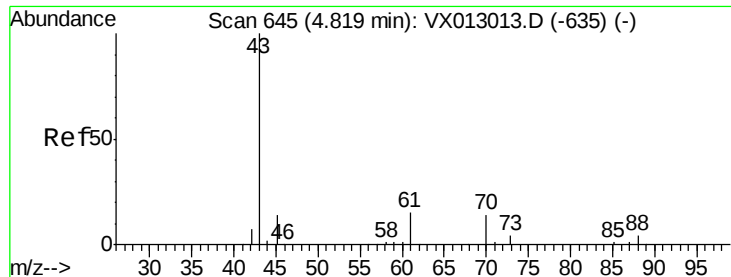


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

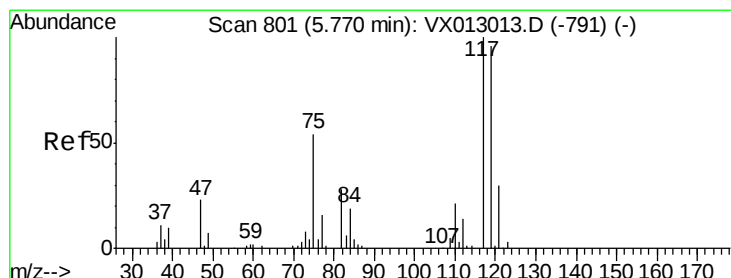
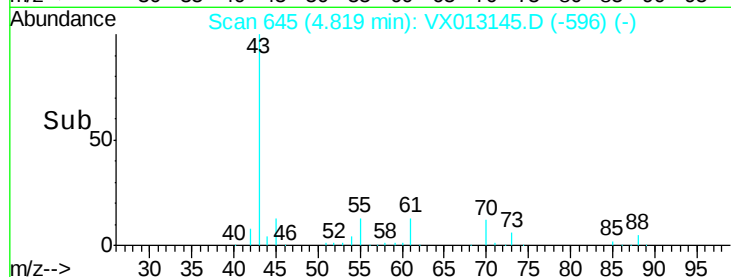
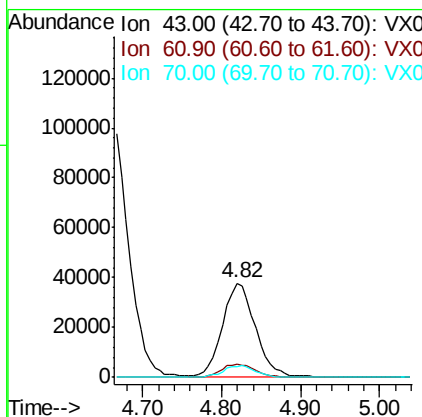
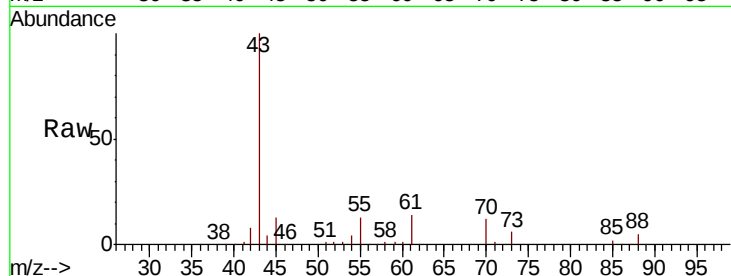




#37
Ethyl Acetate
Concen: 48.885 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

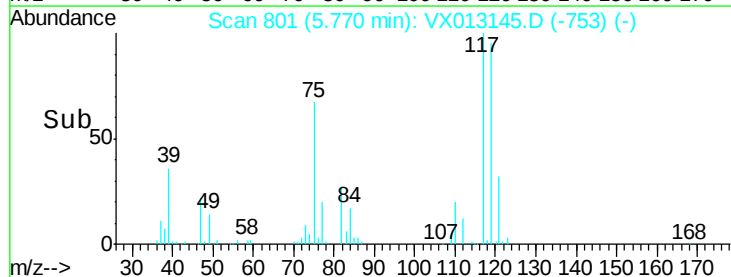
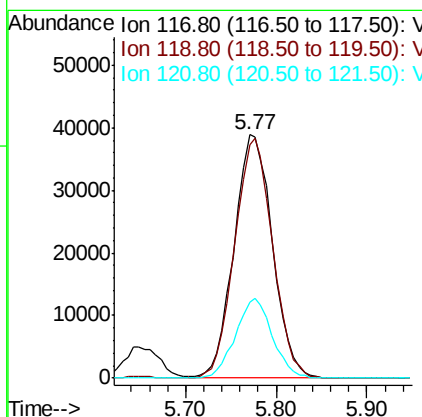
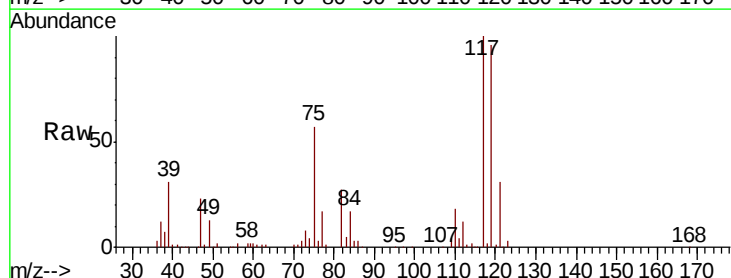
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

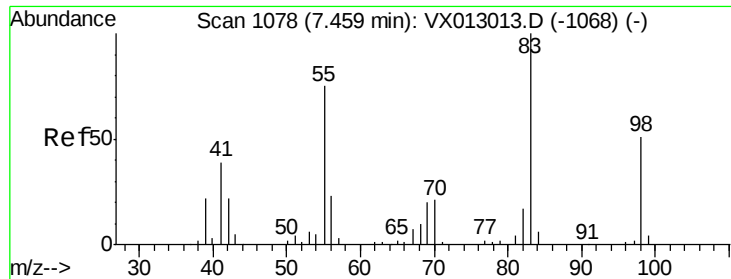
Tot Ion: 43 Resp: 108790
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 12.6 9.8 14.6



#38
Carbon Tetrachloride
Concen: 59.072 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 117 Resp: 114432
Ion Ratio Lower Upper
117 100
119 96.0 74.5 111.7
121 31.4 24.2 36.4

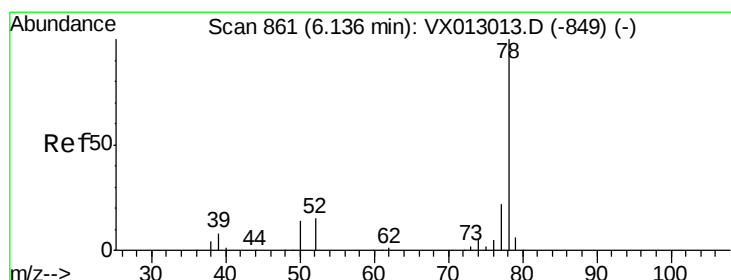
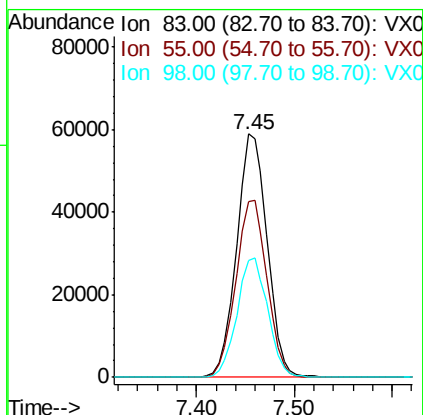
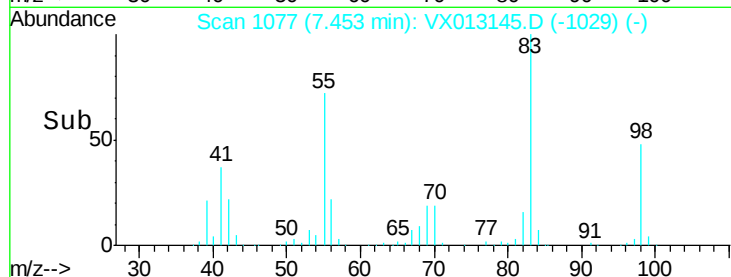
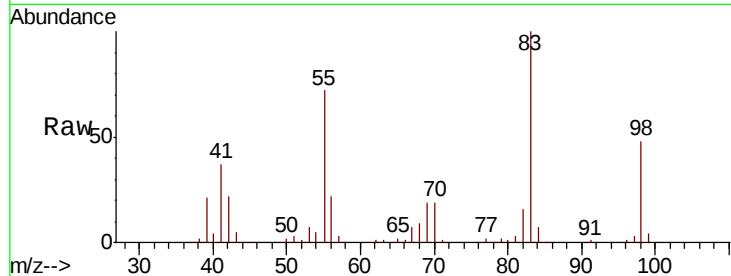




#39
Methvlcvclohexane
Concen: 53.020 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

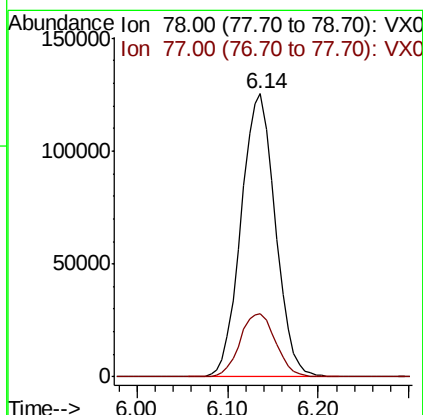
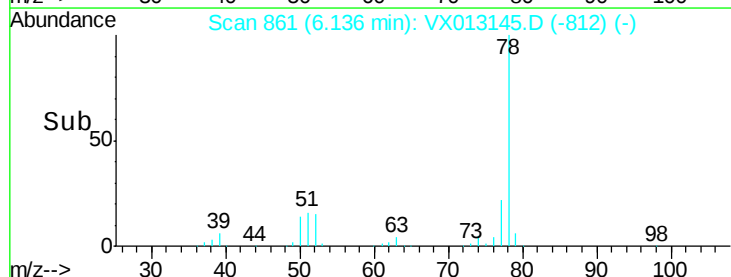
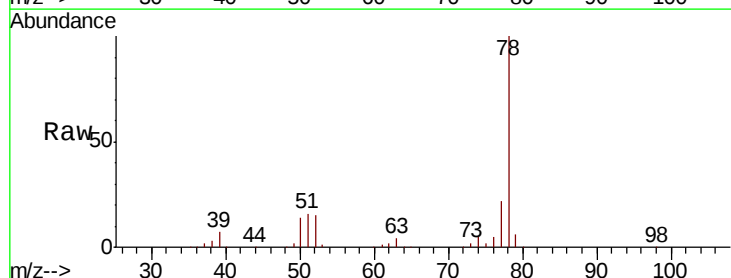
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

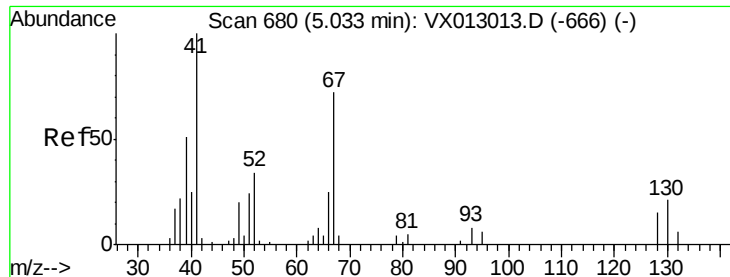
Tot Ion: 83 Resp: 127968
Ion Ratio Lower Upper
83 100
55 72.0 60.2 90.4
98 48.2 38.5 57.7



#40
Benzene
Concen: 55.748 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion: 78 Resp: 327692
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4





#41

Methacrylonitrile

Concen: 50.600 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

Tot Ion: 41 Resp: 61877

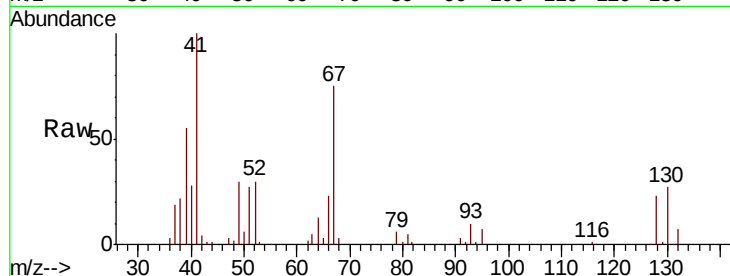
Ion Ratio Lower Upper

41 100

39 56.5 44.0 66.0

67 76.2 58.5 87.7

52 31.5 23.8 35.8

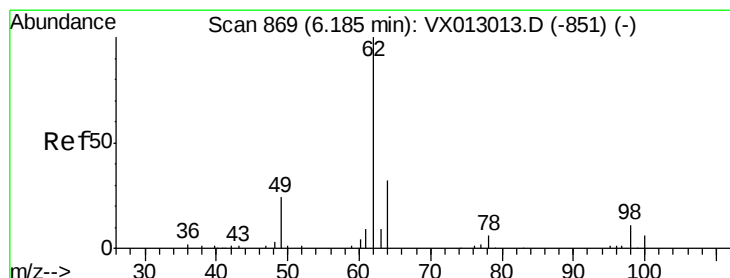
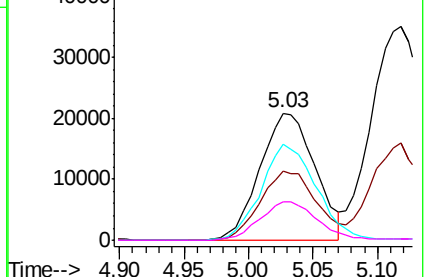
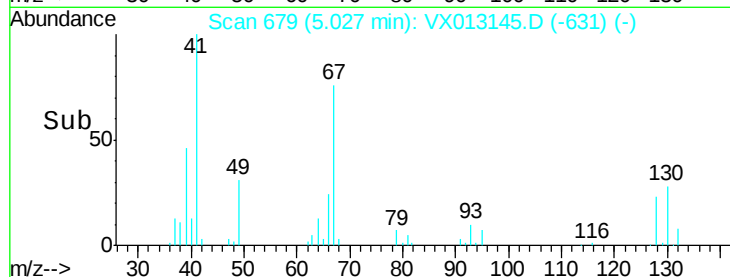


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 57.844 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013145.D

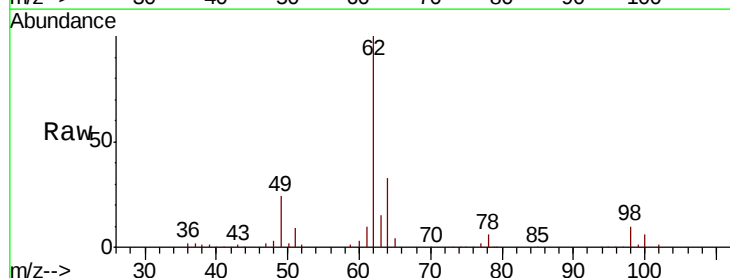
Acq: 18 Oct 2019 22:10

Tgt Ion: 62 Resp: 122007

Ion Ratio Lower Upper

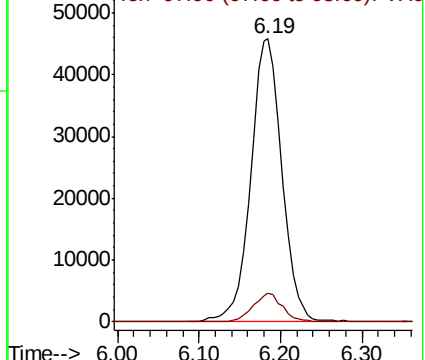
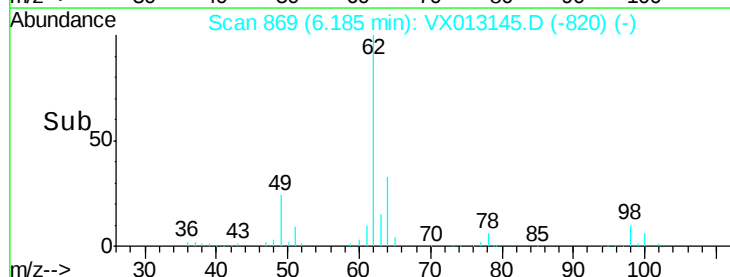
62 100

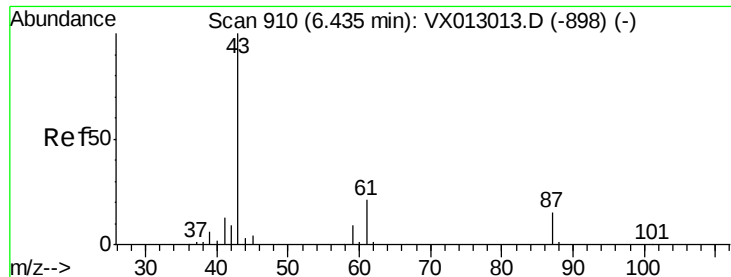
98 9.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.028 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

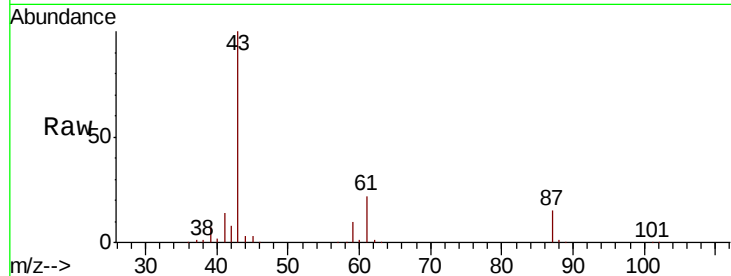
Tot Ion: 43 Resp: 185840

Ion Ratio Lower Upper

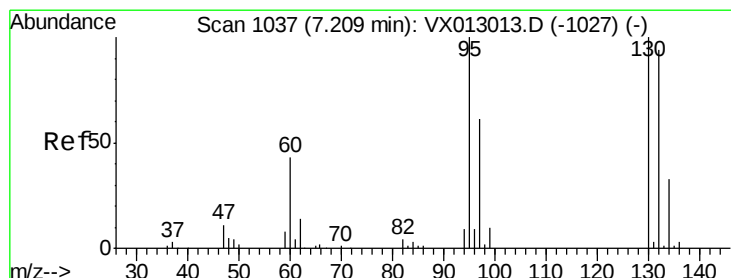
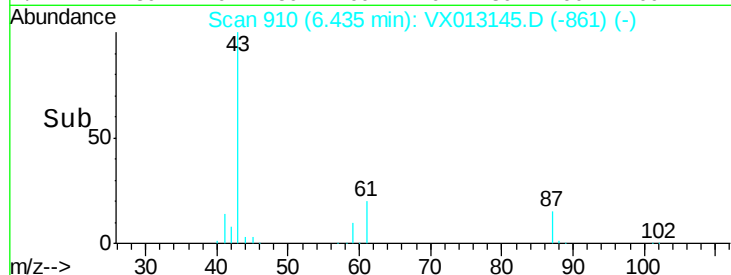
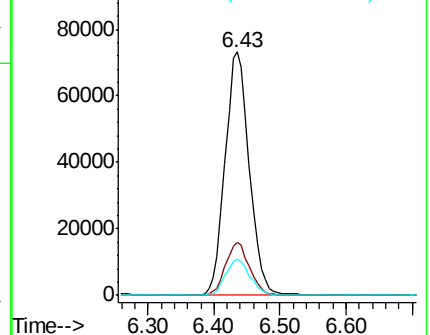
43 100

61 21.4 16.6 24.8

87 15.0 11.0 16.6



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: 56.569 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013145.D

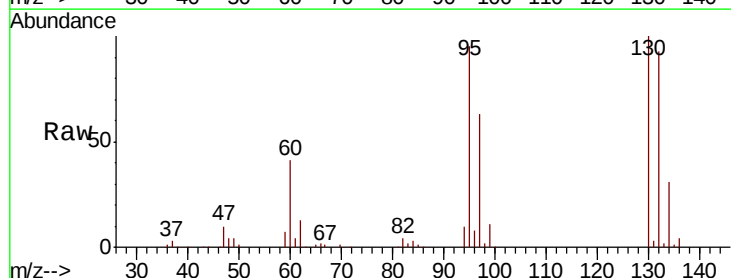
Acq: 18 Oct 2019 22:10

Tgt Ion:130 Resp: 92209

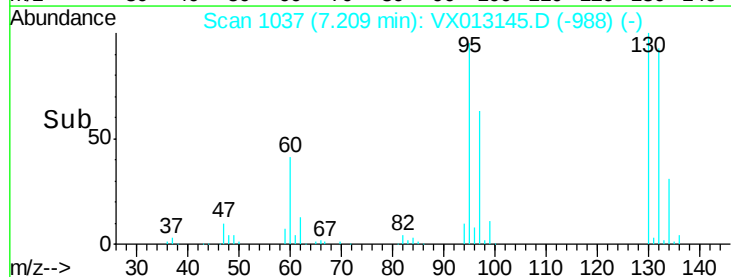
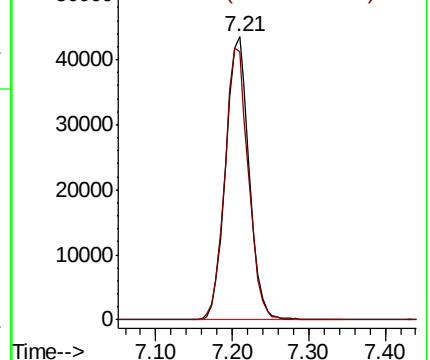
Ion Ratio Lower Upper

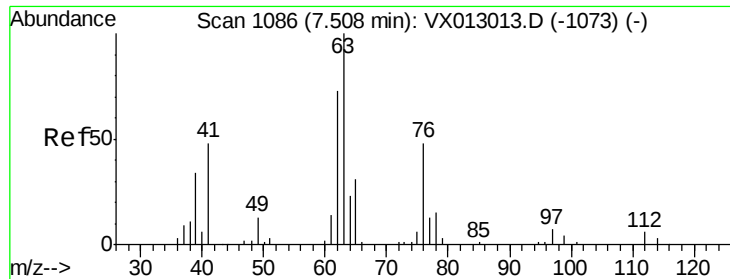
130 100

95 94.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

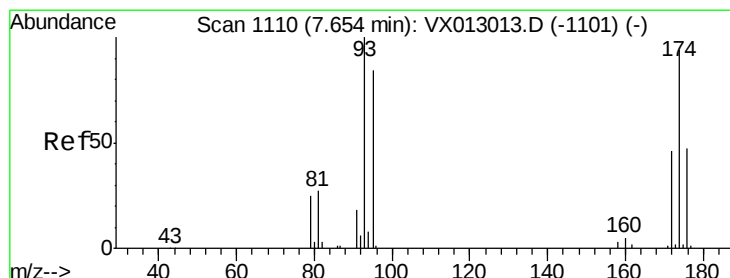
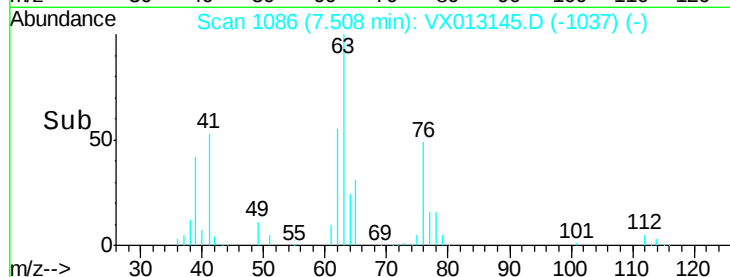
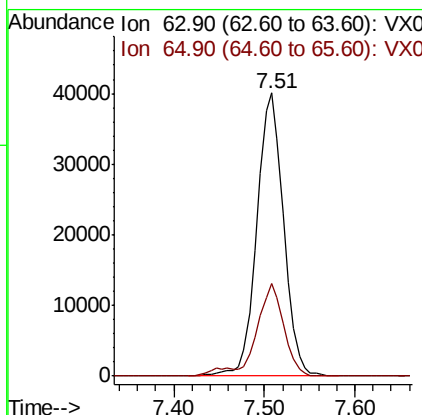
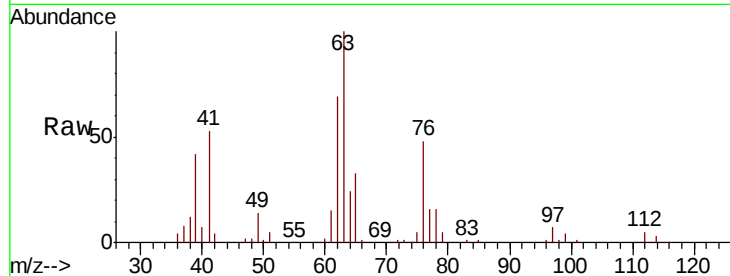




#45
 1,2-Dichloropropane
 Concen: 54.538 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

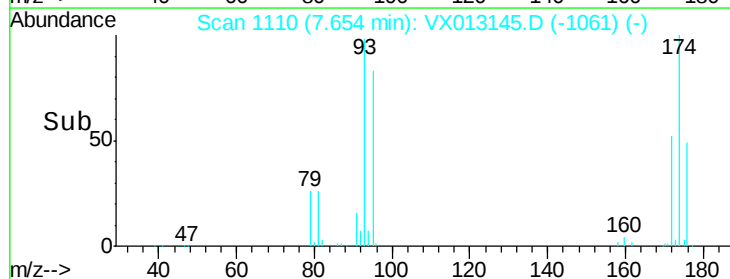
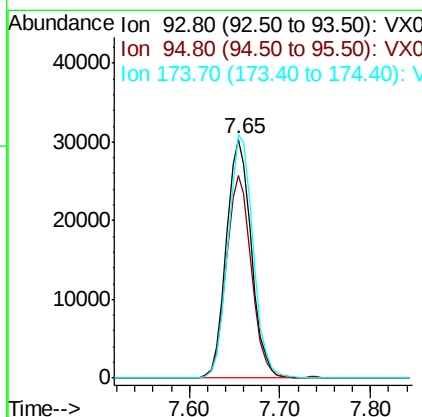
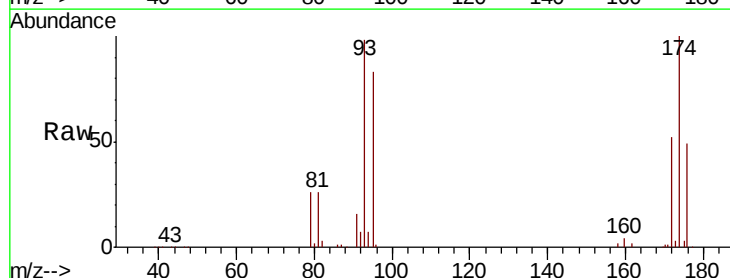
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

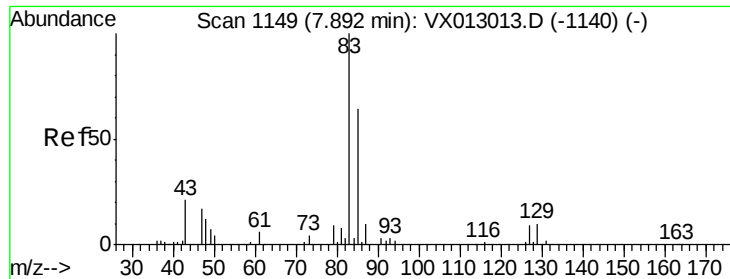
Tot Ion: 63 Resp: 81705
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.6 37.0



#46
 Dibromomethane
 Concen: 58.106 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 93 Resp: 57998
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.3 99.5
 174 102.4 77.8 116.6





#47

Bromodichloromethane

Concen: 59.589 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

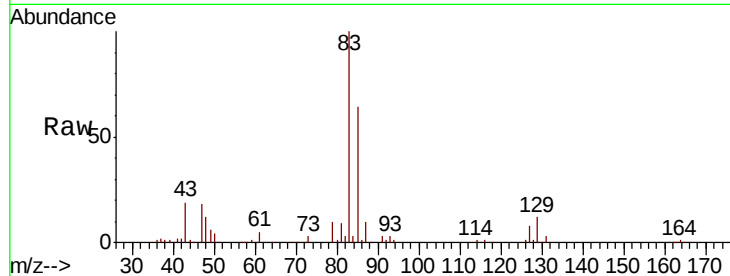
Tot Ion: 83 Resp: 116074

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

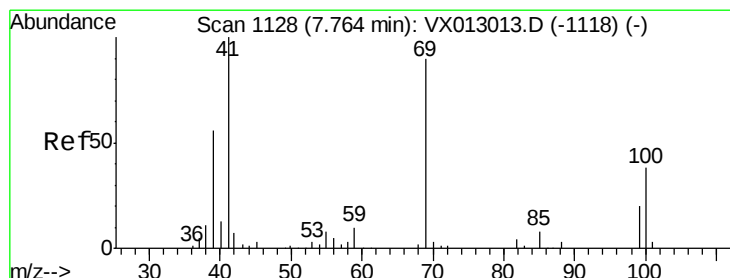
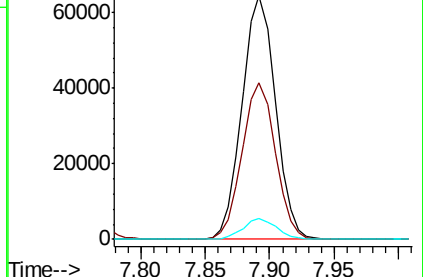
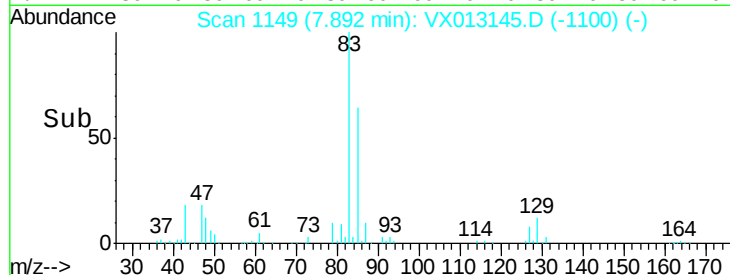
127 8.4 6.6 10.0



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: 52.054 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

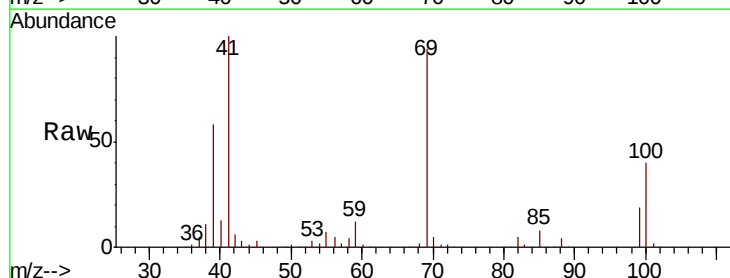
Tgt Ion: 41 Resp: 90606

Ion Ratio Lower Upper

41 100

69 90.1 68.7 103.1

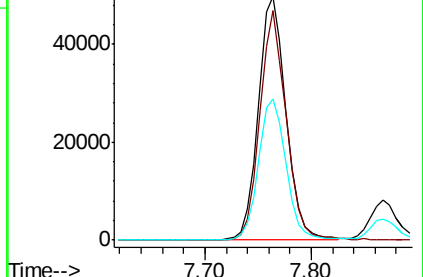
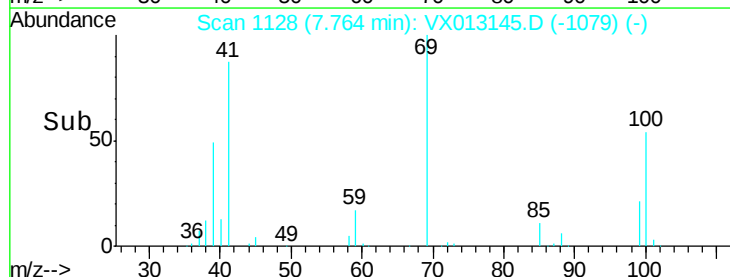
39 58.3 44.3 66.5

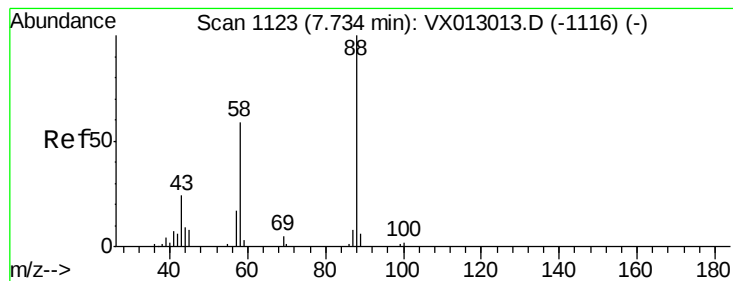


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 934.295 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

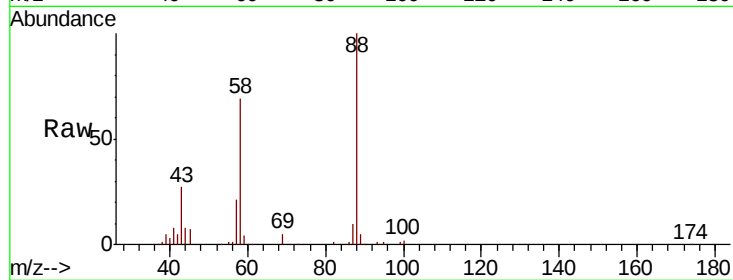
Tot Ion: 88 Resp: 43530

Ion Ratio Lower Upper

88 100

43 29.3 25.0 37.6

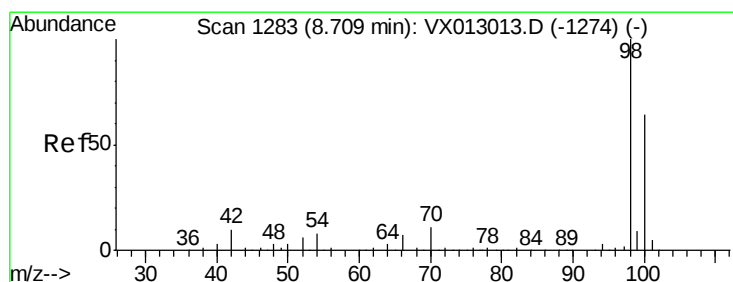
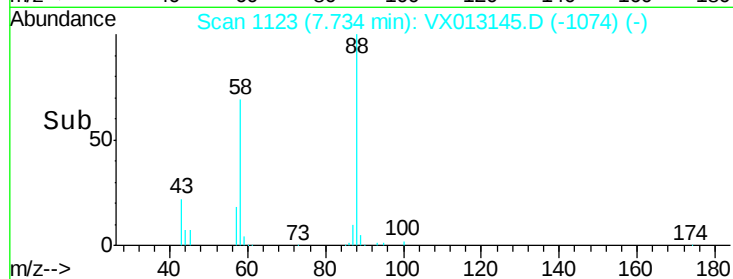
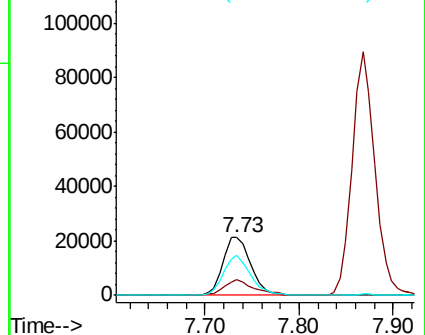
58 66.8 55.4 83.2



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: 50.238 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013145.D

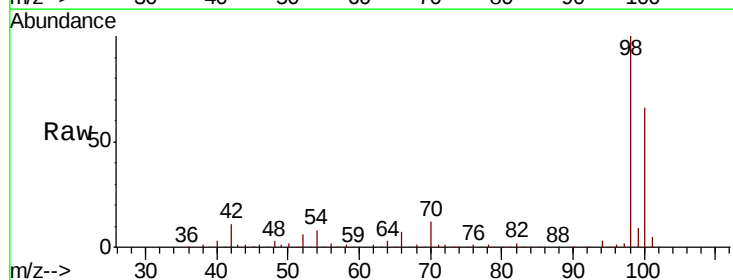
Acq: 18 Oct 2019 22:10

Tgt Ion: 98 Resp: 254570

Ion Ratio Lower Upper

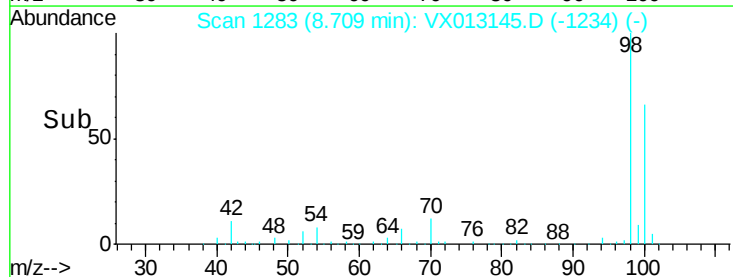
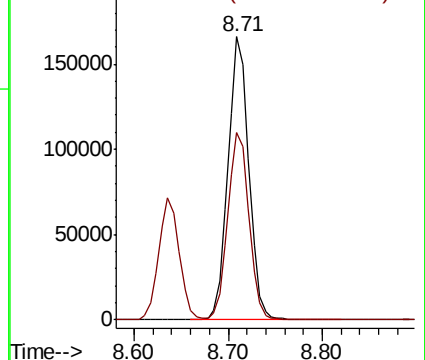
98 100

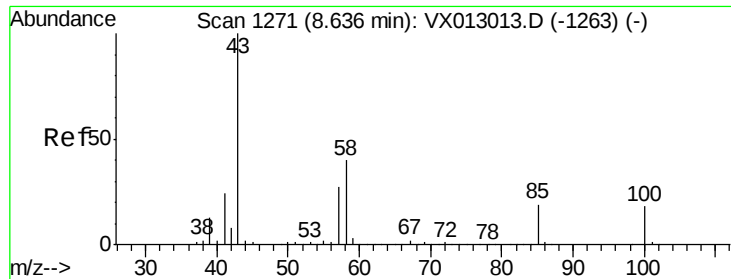
100 67.5 53.4 80.2



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: 256.939 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

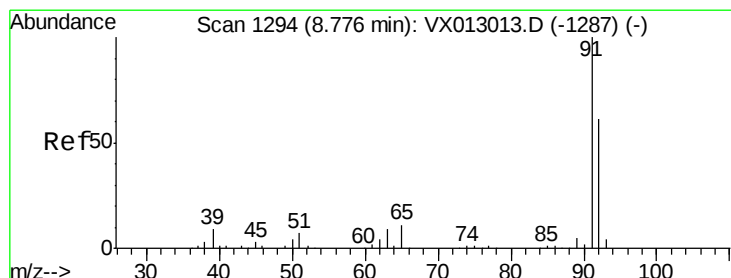
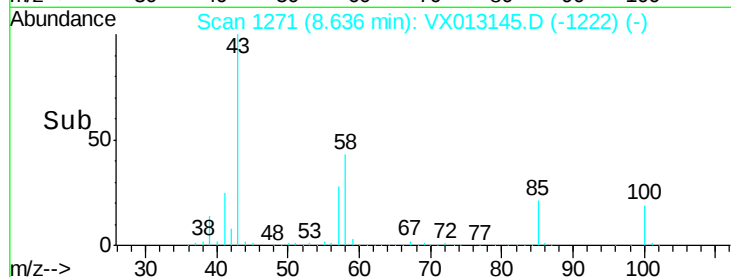
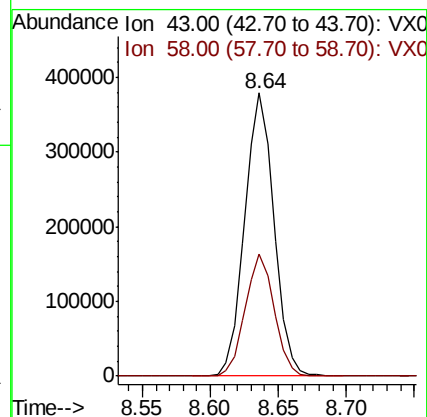
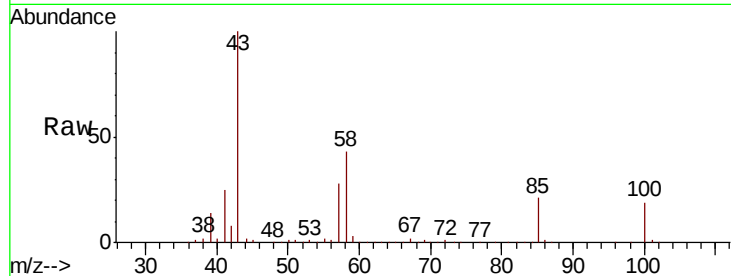
MW-309-SRI4MSD

Tot Ion: 43 Resp: 572204

Ion Ratio Lower Upper

43 100

58 42.6 32.4 48.6



#52

Toluene

Concen: 56.150 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013145.D

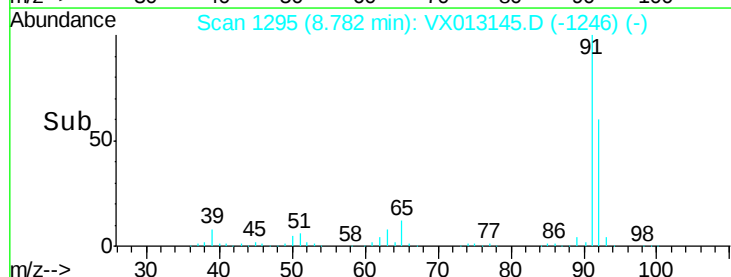
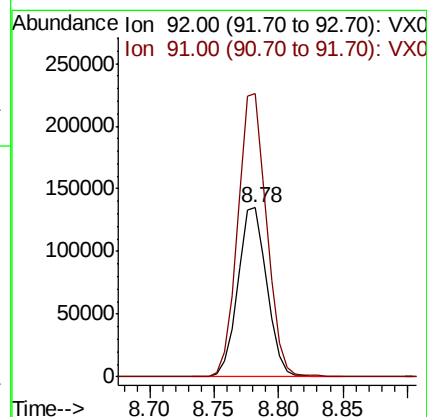
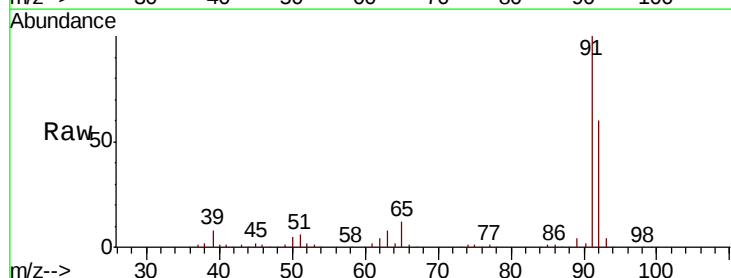
Acq: 18 Oct 2019 22:10

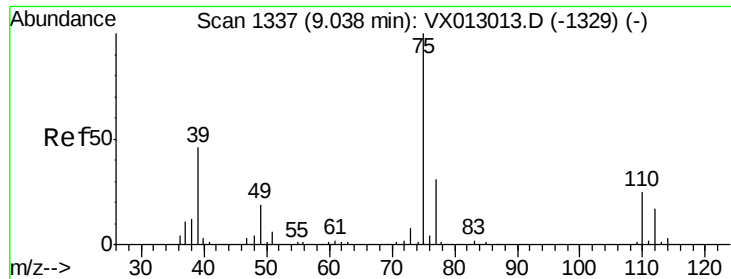
Tgt Ion: 92 Resp: 211156

Ion Ratio Lower Upper

92 100

91 167.3 135.9 203.9

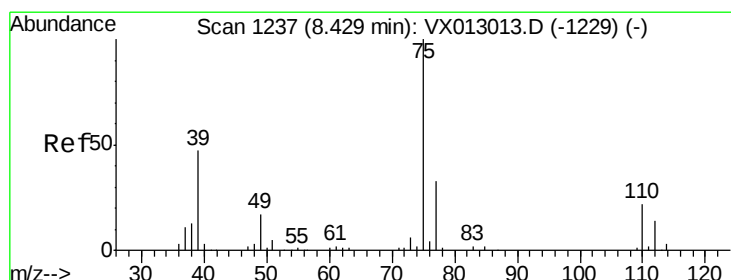
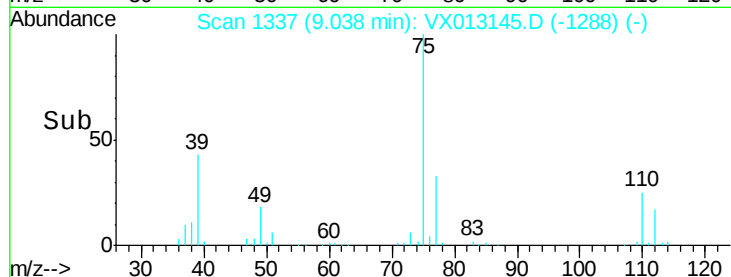
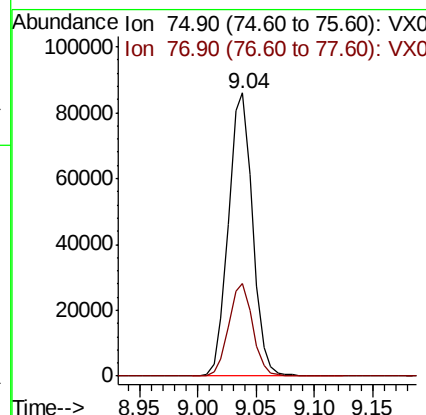
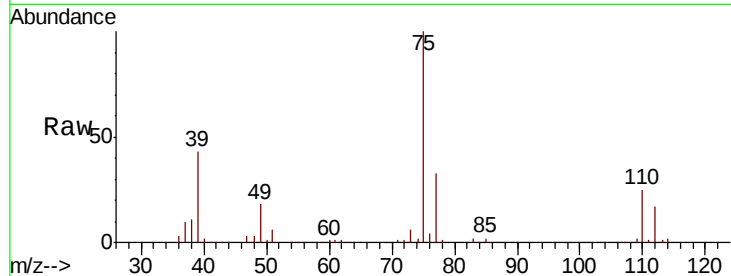




#53
 t-1,3-Dichloropropene
 Concen: 50.872 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

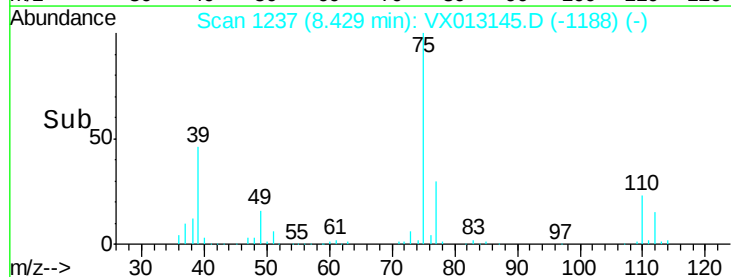
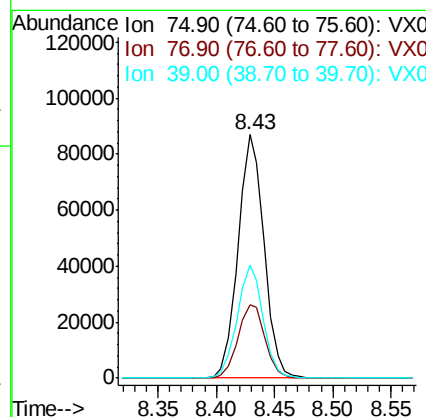
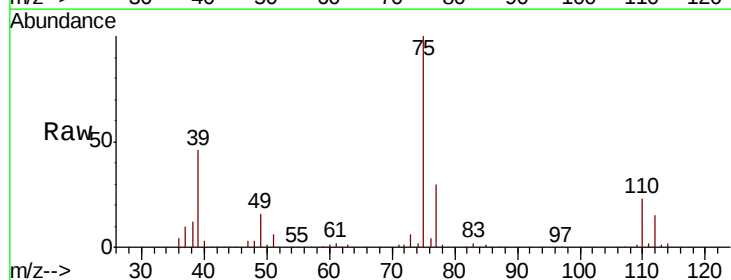
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

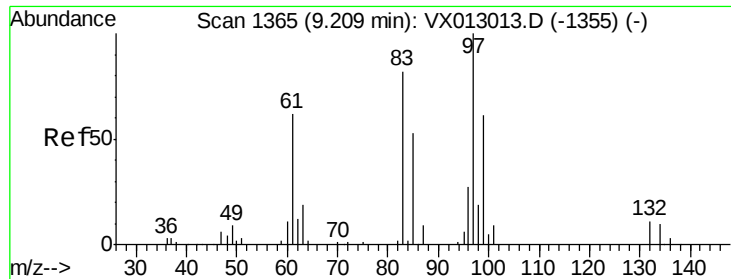
Tot Ion: 75 Resp: 123761
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 56.445 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 75 Resp: 135227
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.8
 39 46.4 38.2 57.2

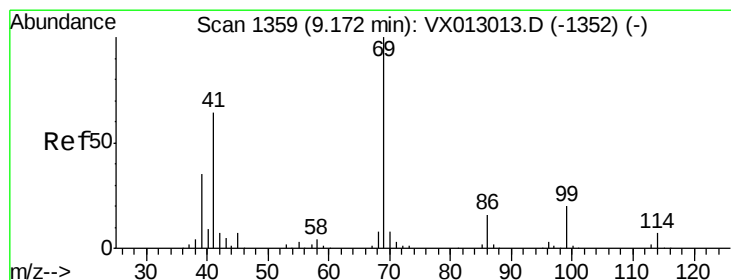
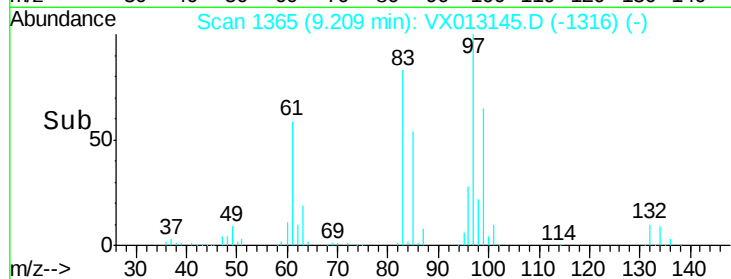
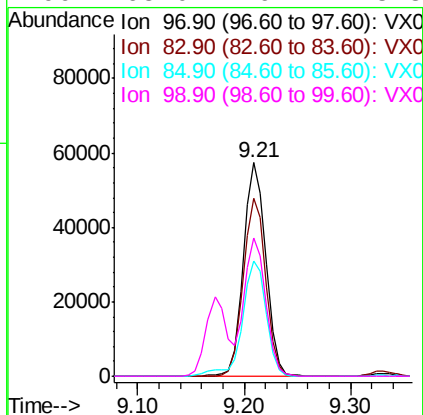
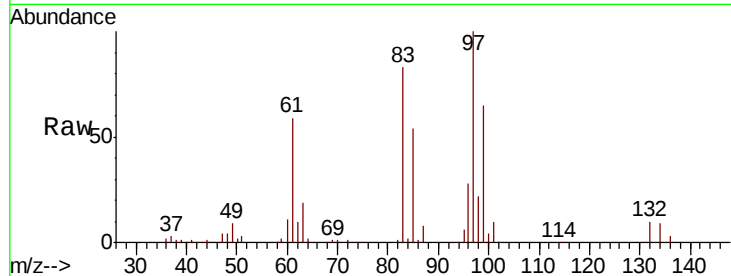




#55
 1,1,2-Trichloroethane
 Concen: 57.145 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

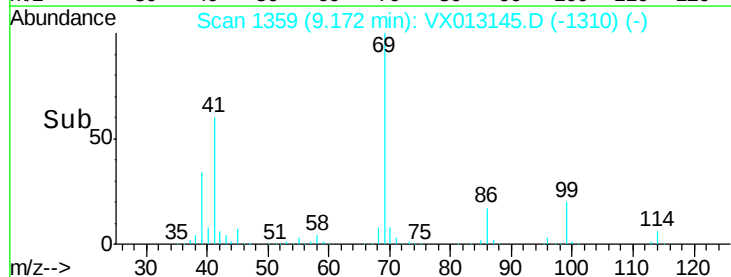
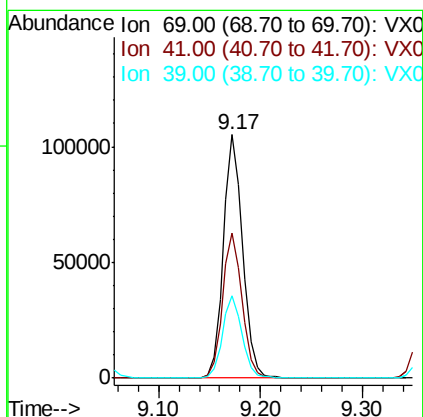
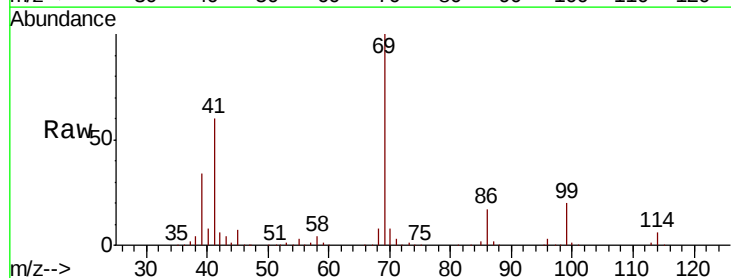
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

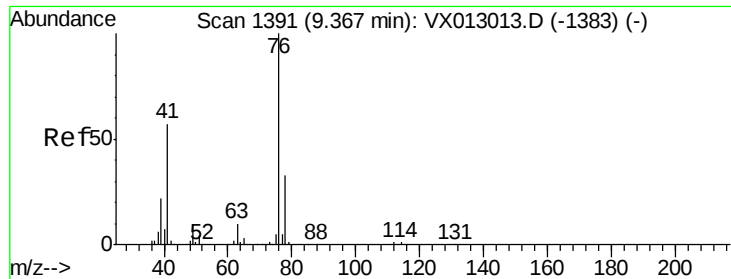
Tot Ion:	97	Resp:	85045
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.5	99.7
85	53.8	43.1	64.7
99	65.0	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 51.889 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion:	69	Resp:	138472
Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.1	78.1
39	33.9	27.8	41.8





#57

1,3-Dichloropropane

Concen: 55.805 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

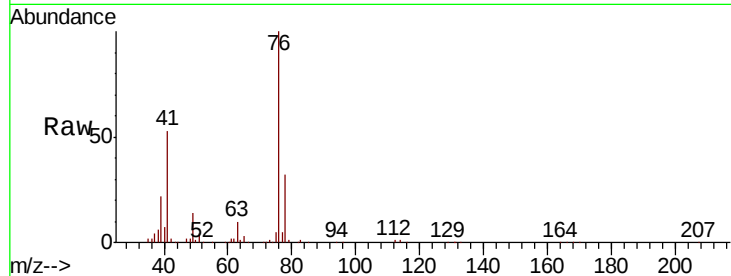
MW-309-SRI4MSD

Tot Ion: 76 Resp: 143662

Ion Ratio Lower Upper

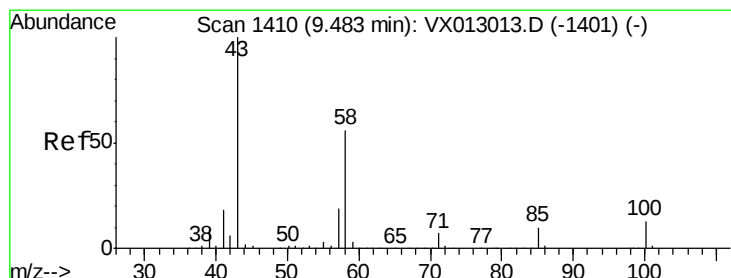
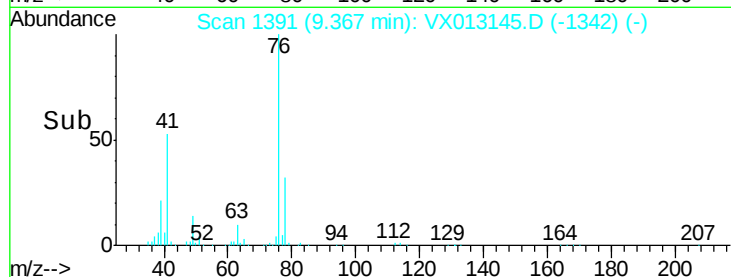
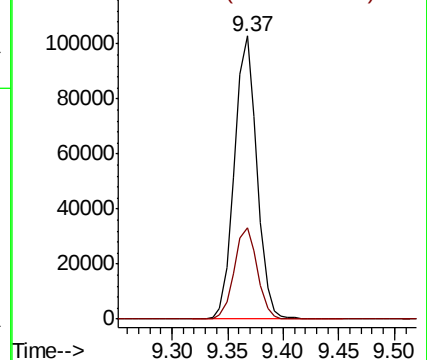
76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 256.920 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX013145.D

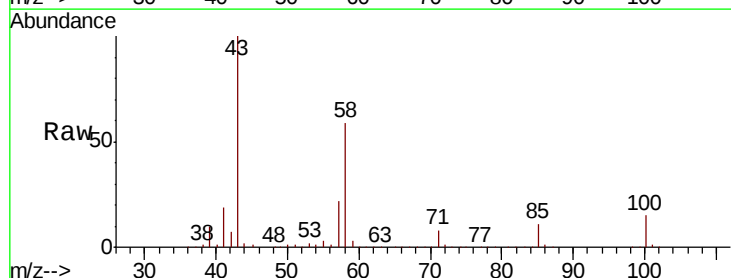
Acq: 18 Oct 2019 22:10

Tgt Ion: 43 Resp: 445391

Ion Ratio Lower Upper

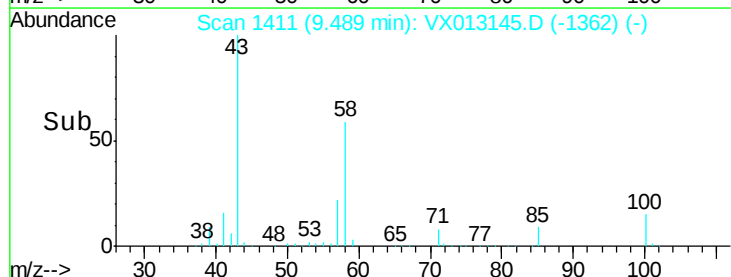
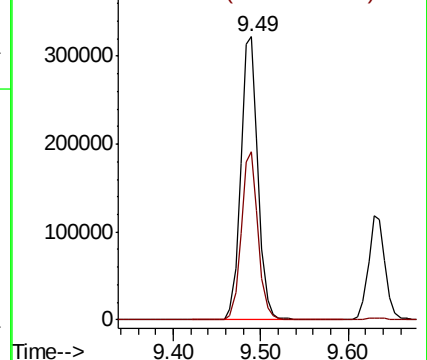
43 100

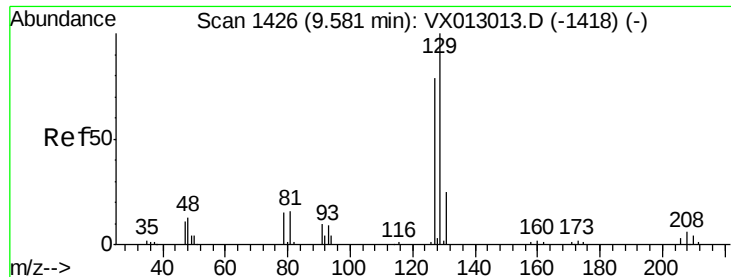
58 57.8 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 55.672 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

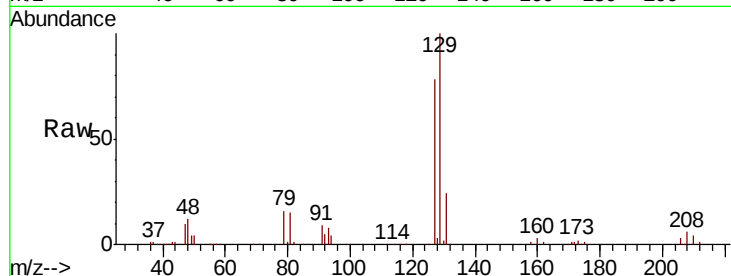
MW-309-SRI4MSD

Tot Ion:129 Resp: 92562

Ion Ratio Lower Upper

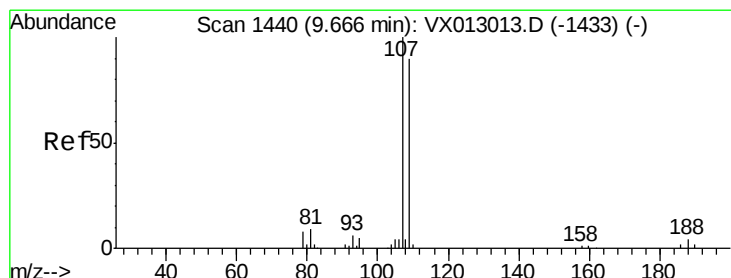
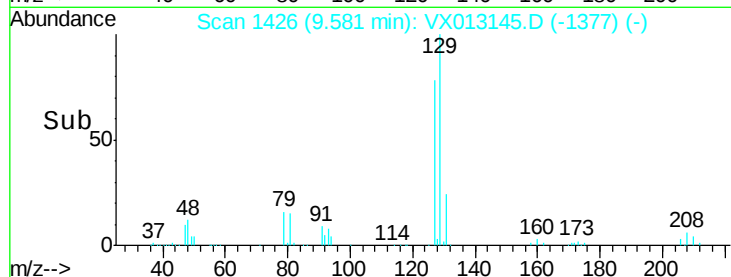
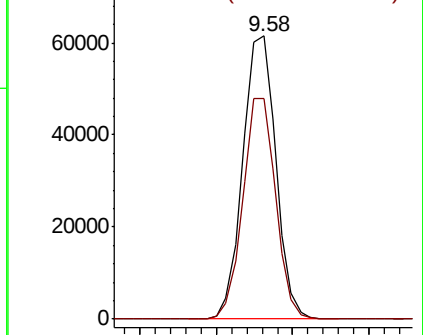
129 100

127 77.2 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 58.132 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013145.D

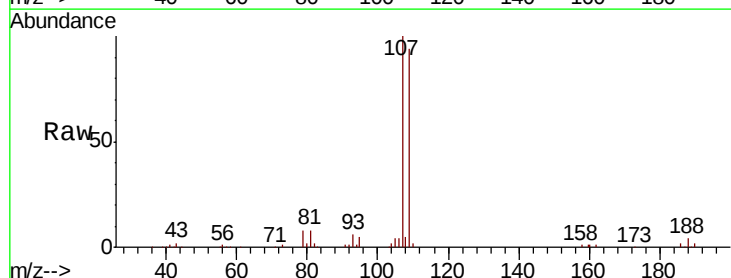
Acq: 18 Oct 2019 22:10

Tgt Ion:107 Resp: 91008

Ion Ratio Lower Upper

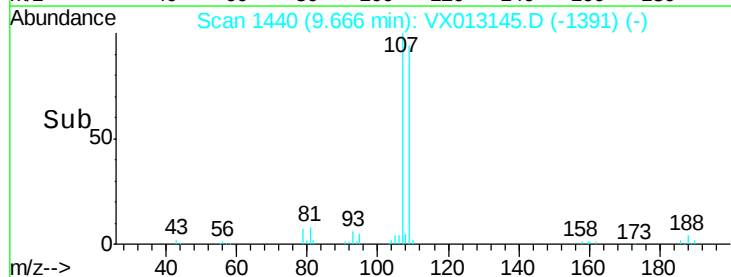
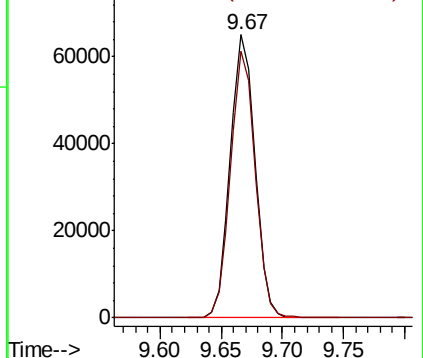
107 100

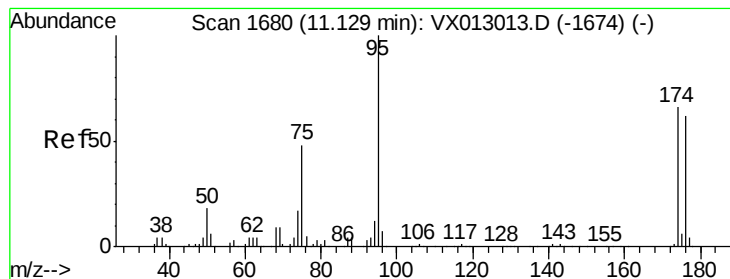
109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.349 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

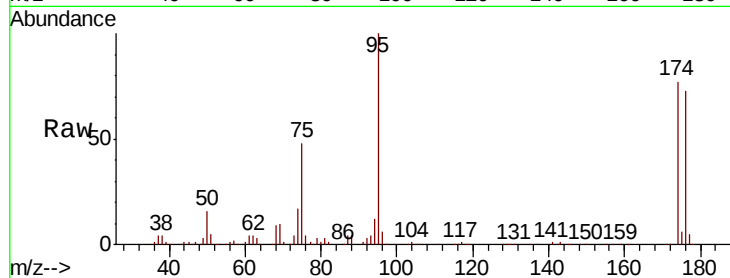
Tot Ion: 95 Resp: 103071

Ion Ratio Lower Upper

95 100

174 73.4 0.0 143.4

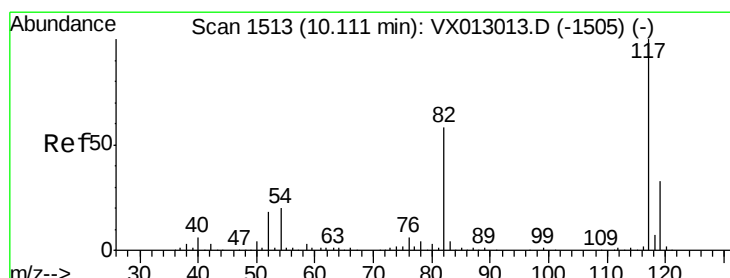
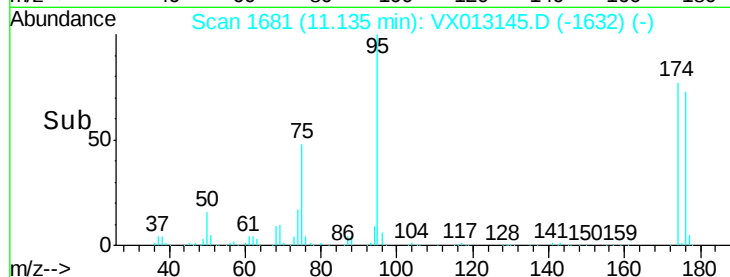
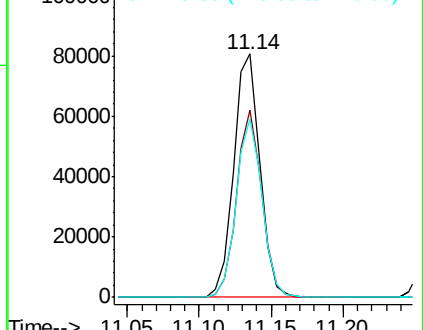
176 71.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

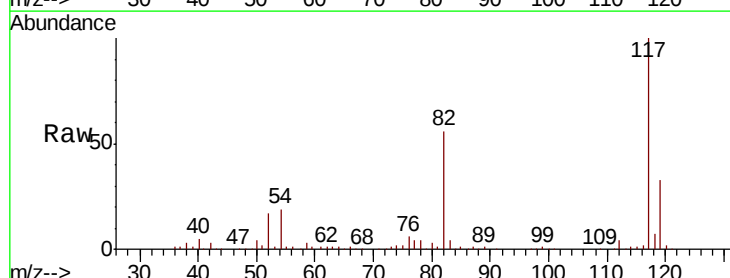
Tgt Ion: 117 Resp: 206324

Ion Ratio Lower Upper

117 100

82 55.7 44.1 66.1

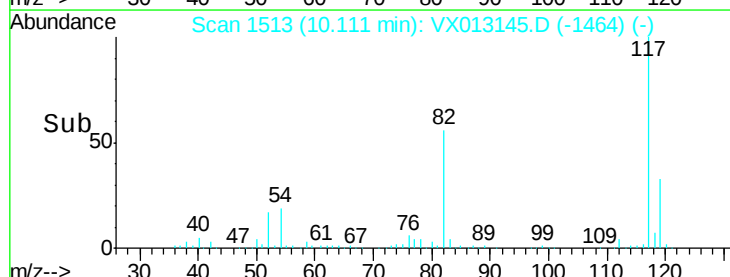
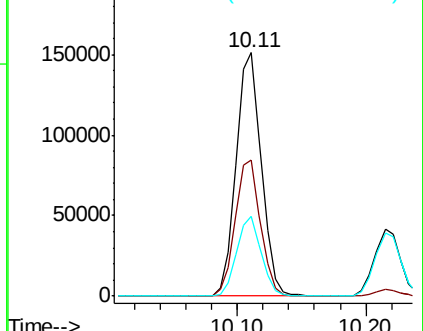
119 33.0 25.8 38.8

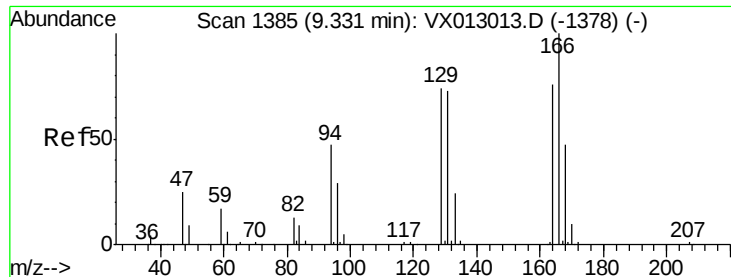


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

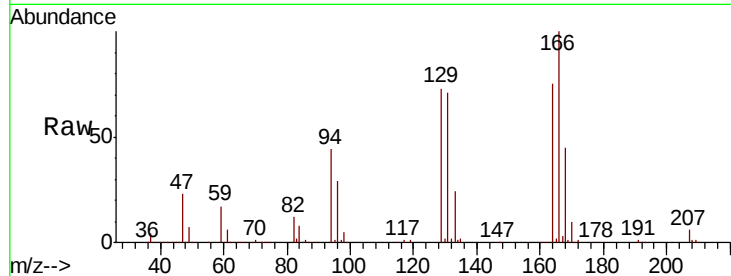




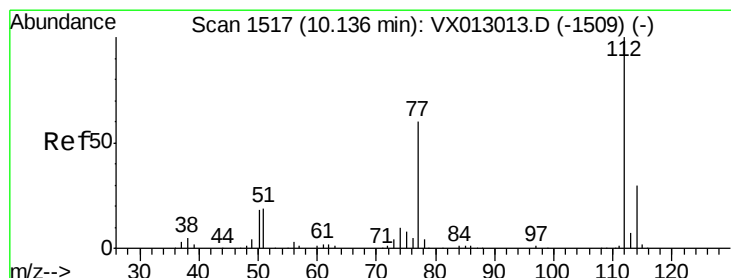
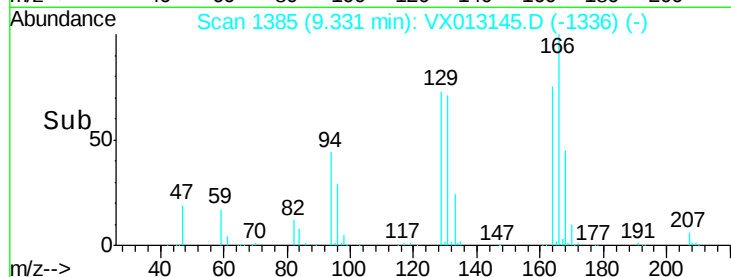
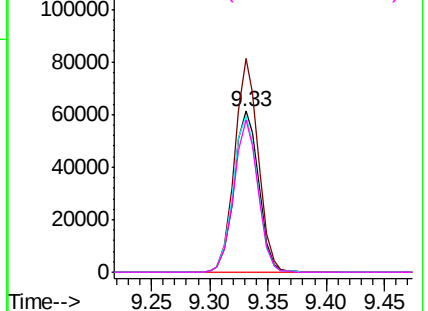
#64
Tetrachloroethene
Concen: 63.226 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

Tot Ion:164 Resp: 90480
Ion Ratio Lower Upper
164 100
166 132.7 96.9 145.3
129 97.4 77.9 116.9
131 94.8 72.7 109.1

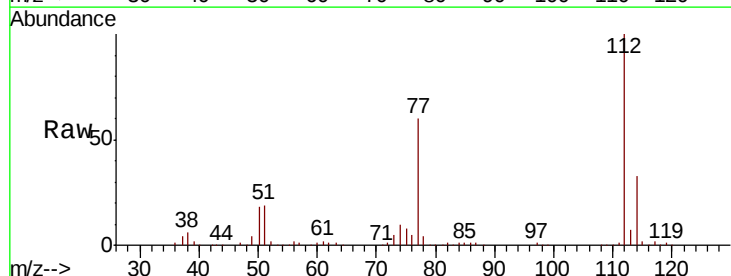


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

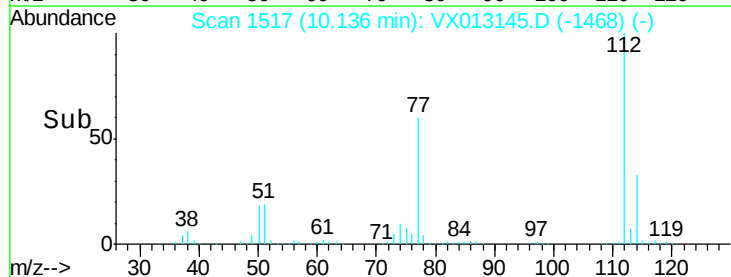
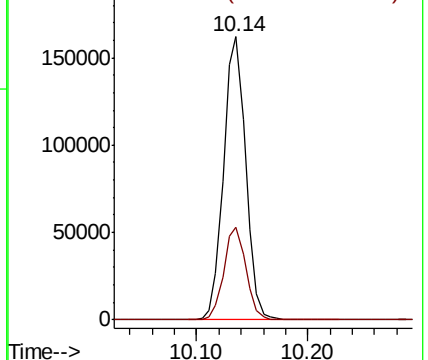


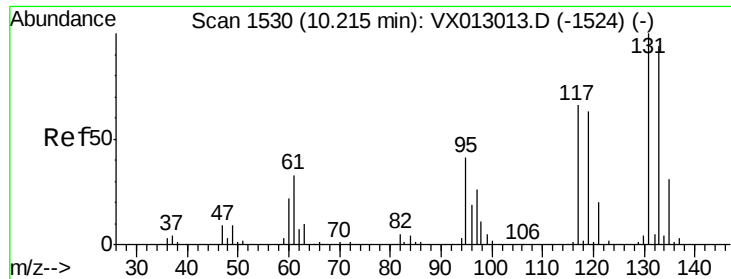
#65
Chlorobenzene
Concen: 54.404 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion:112 Resp: 222907
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

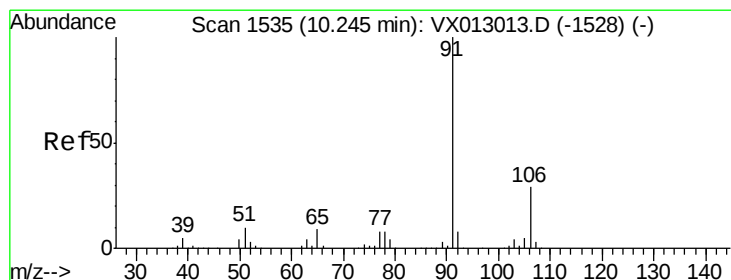
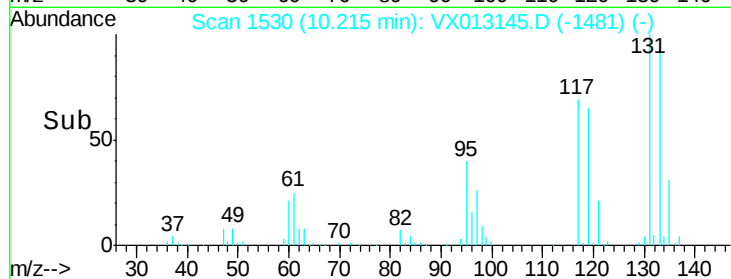
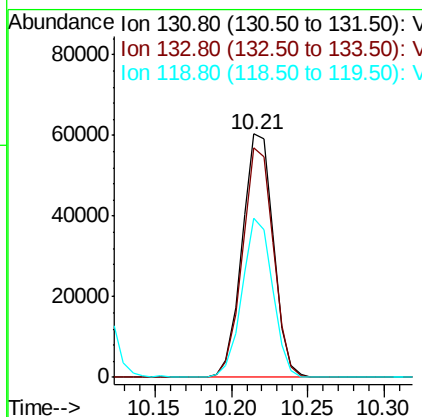
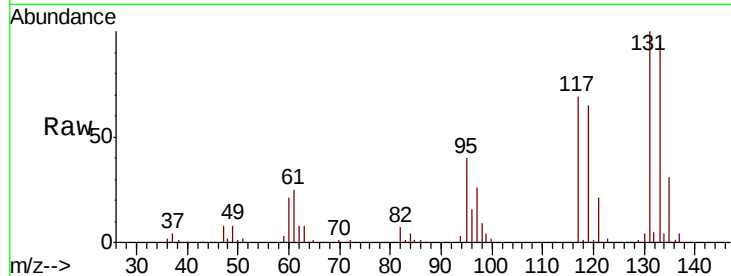




#66
 1,1,1,2-Tetrachloroethane
 Concen: 60.196 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

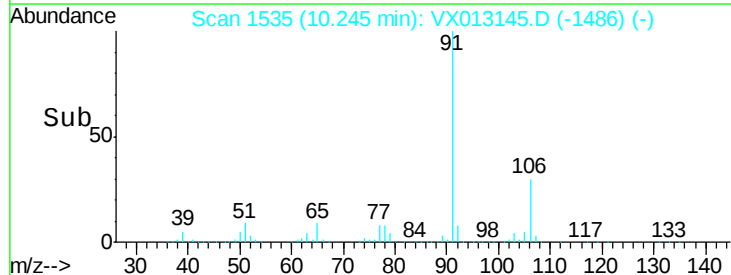
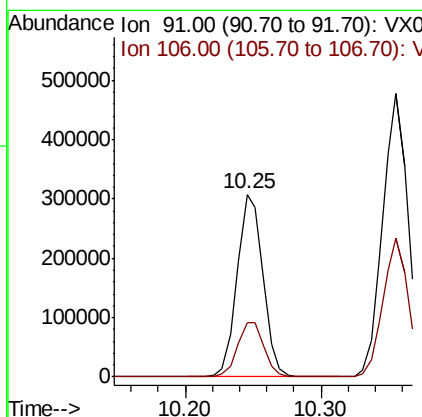
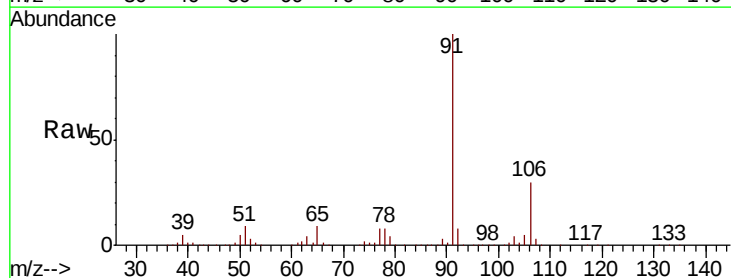
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

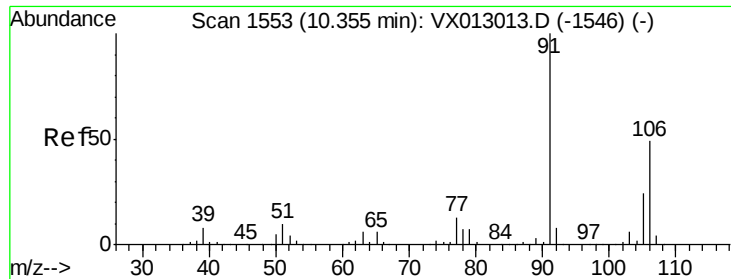
Tot Ion:131 Resp: 85516
 Ion Ratio Lower Upper
 131 100
 133 93.2 47.2 141.6
 119 64.0 32.6 98.0



#67
 Ethyl Benzene
 Concen: 55.845 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 91 Resp: 406437
 Ion Ratio Lower Upper
 91 100
 106 30.1 23.9 35.9

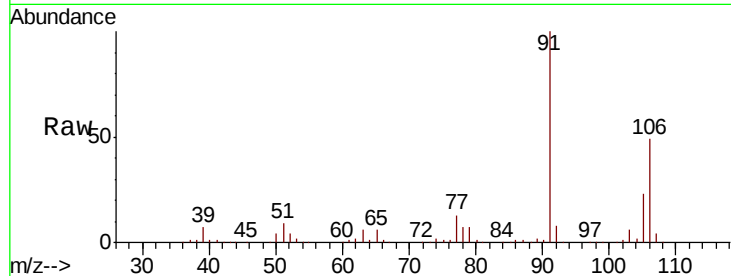




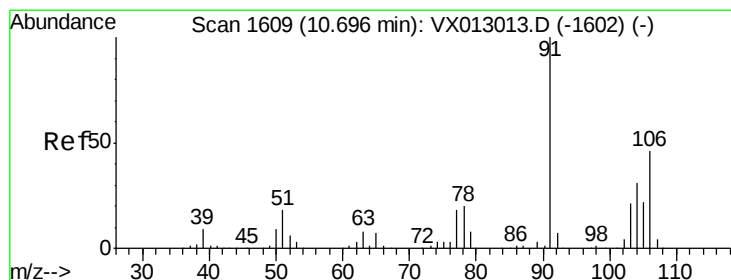
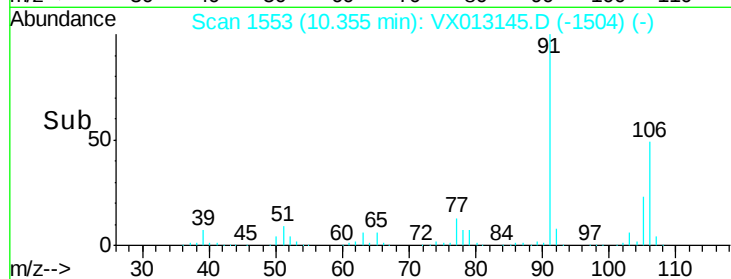
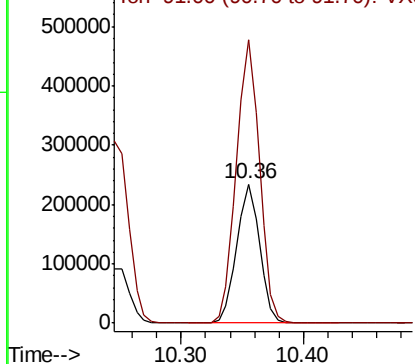
#68
m/p-Xylenes
Concen: 112.061 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

Tot Ion:106 Resp: 304683
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9

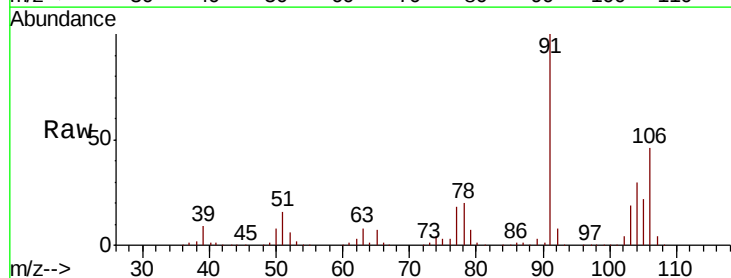


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

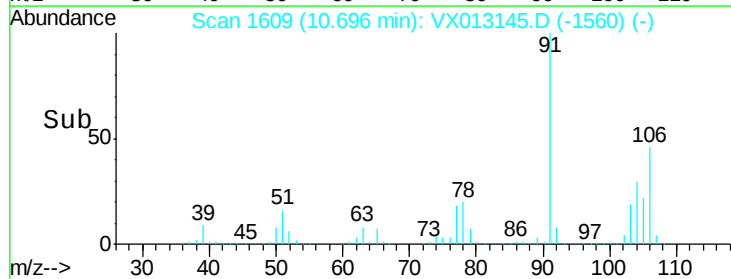
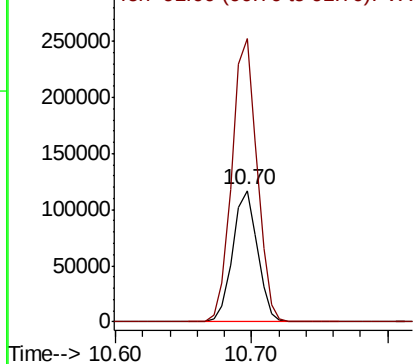


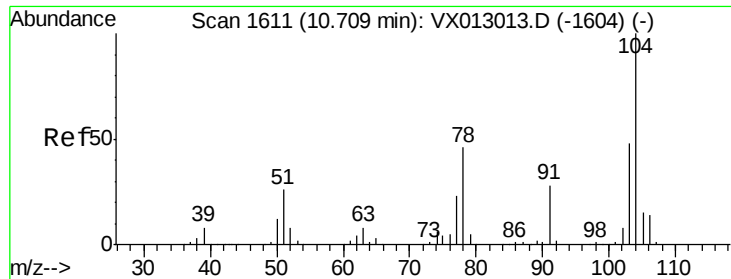
#69
o-Xylene
Concen: 56.155 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion:106 Resp: 148890
Ion Ratio Lower Upper
106 100
91 218.3 109.1 327.3



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

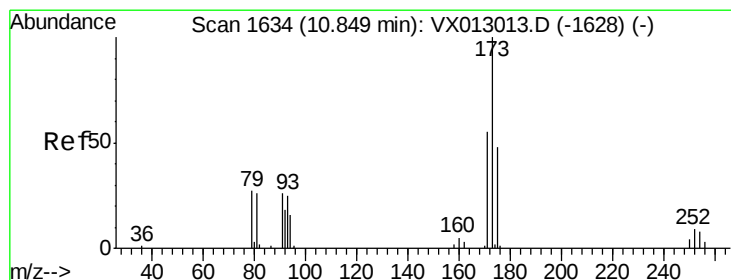
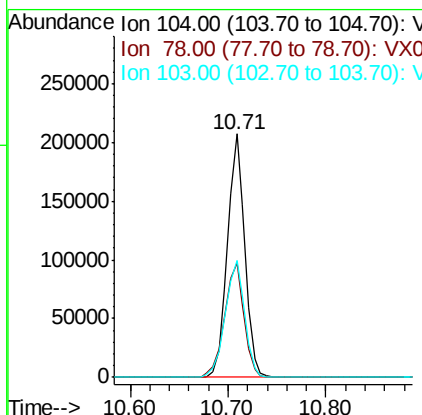
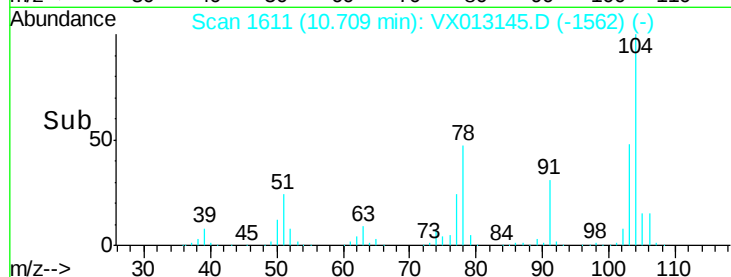
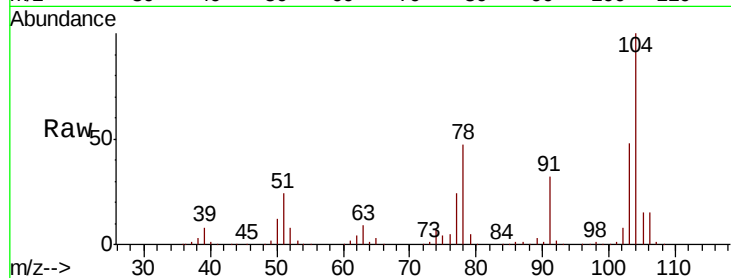




#70
Stvrene
Concen: 56.625 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

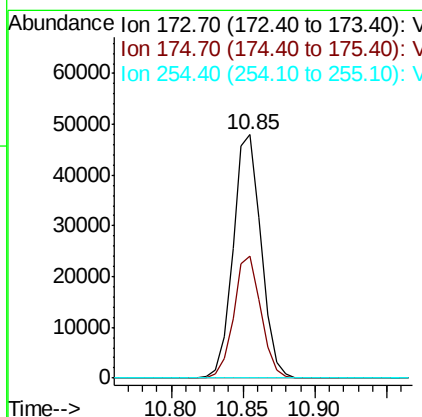
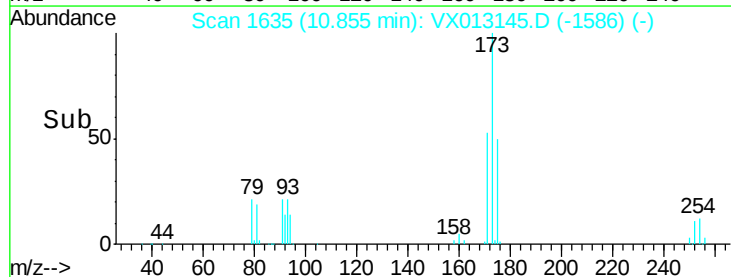
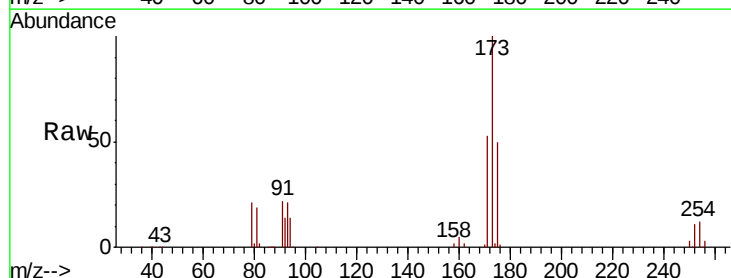
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

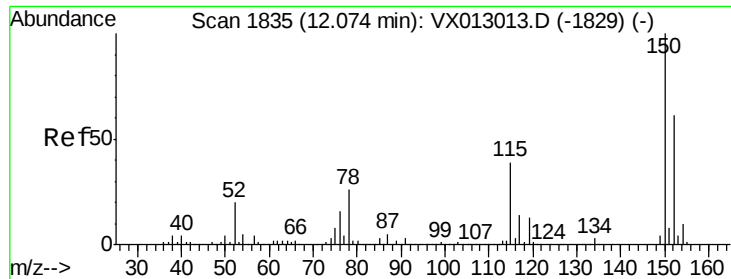
Tot Ion:104 Resp: 255233
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 53.6 43.0 64.4



#71
Bromoform
Concen: 53.542 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion:173 Resp: 65084
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.3
254 0.1 0.1 0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

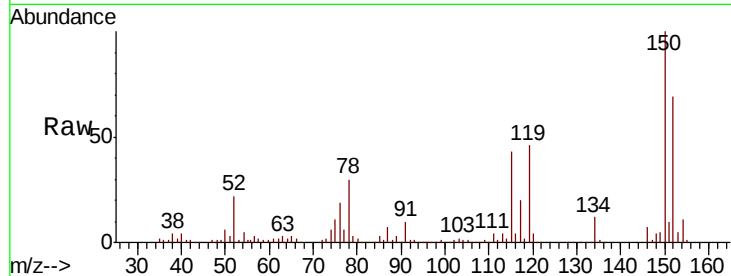
Tot Ion:152 Resp: 95928

Ion Ratio Lower Upper

152 100

115 88.8 44.5 133.5

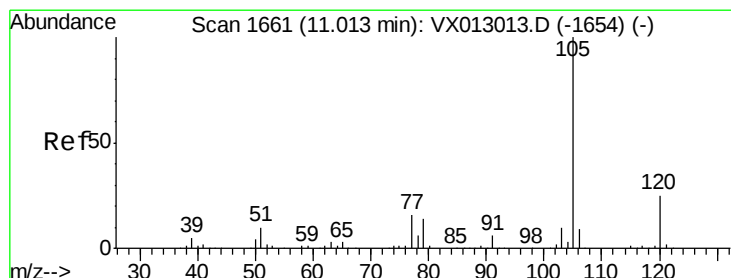
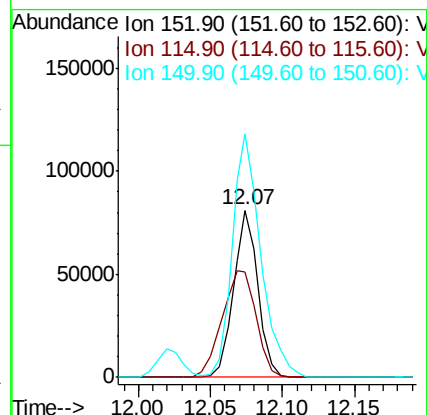
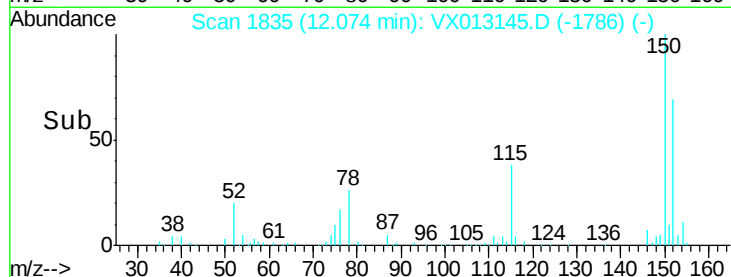
150 170.8 0.0 353.4



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: 55.571 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013145.D

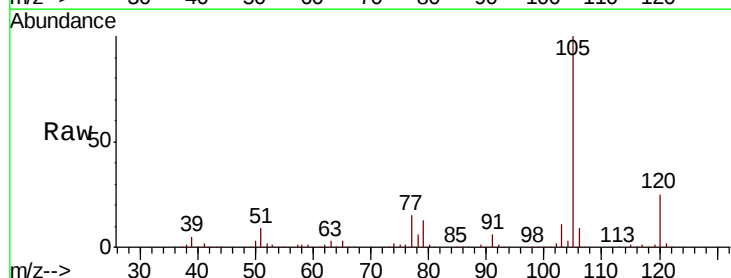
Acq: 18 Oct 2019 22:10

Tgt Ion:105 Resp: 391929

Ion Ratio Lower Upper

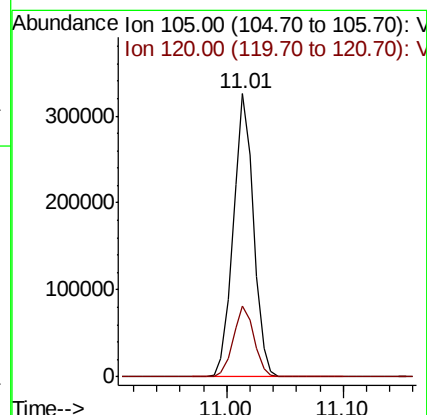
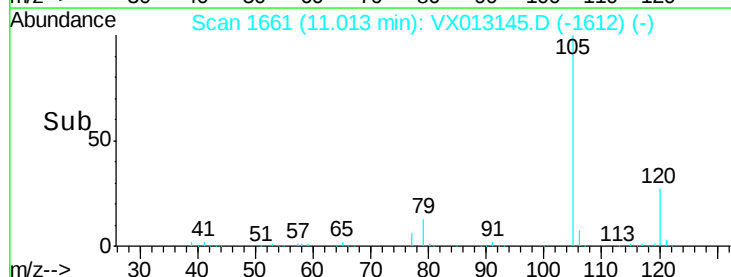
105 100

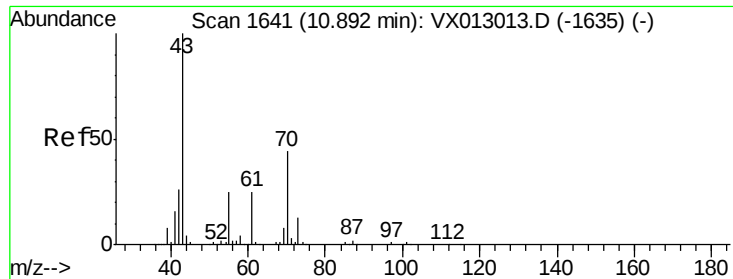
120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.124 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

Tot Ion: 43 Resp: 158325

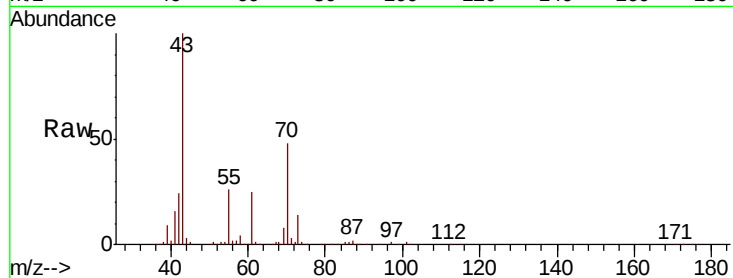
Ion Ratio Lower Upper

43 100

70 48.3 36.4 54.6

55 26.1 20.2 30.2

61 26.2 20.5 30.7

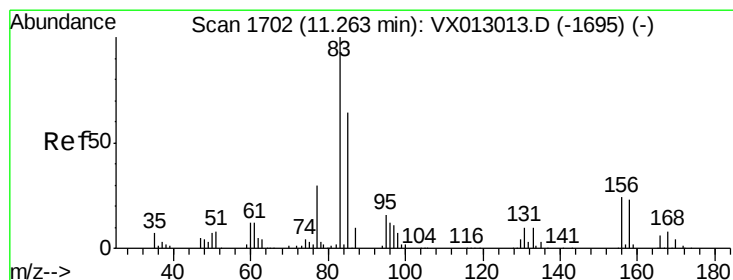
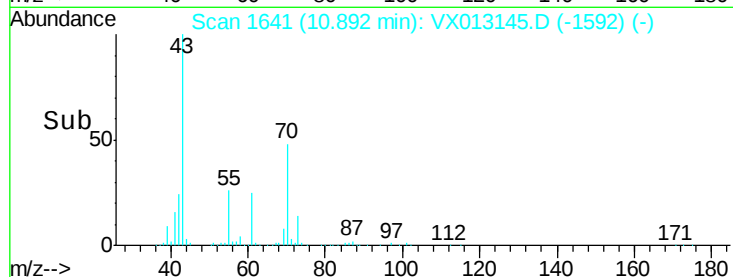
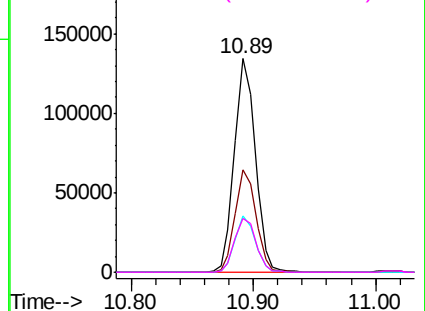


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 55.058 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

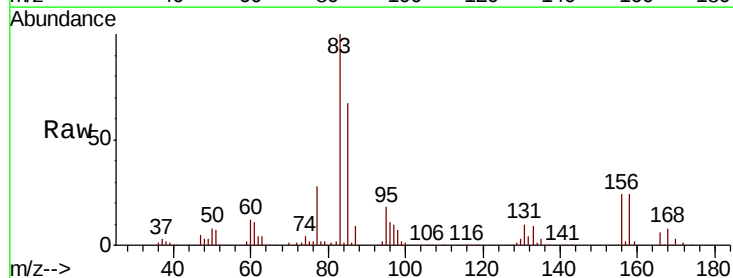
Tgt Ion: 83 Resp: 129154

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

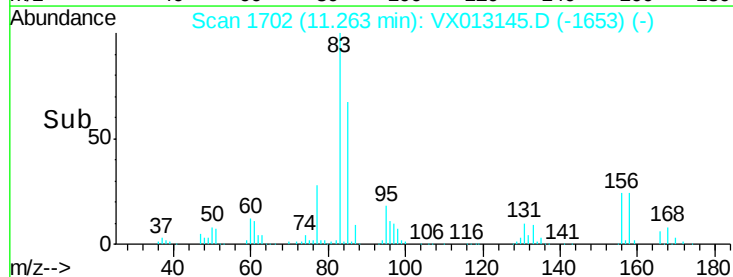
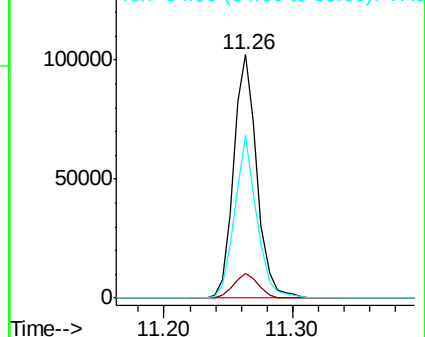
85 63.5 32.1 96.5

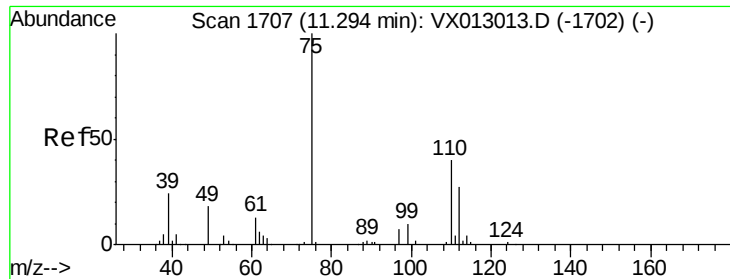


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 69.110 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

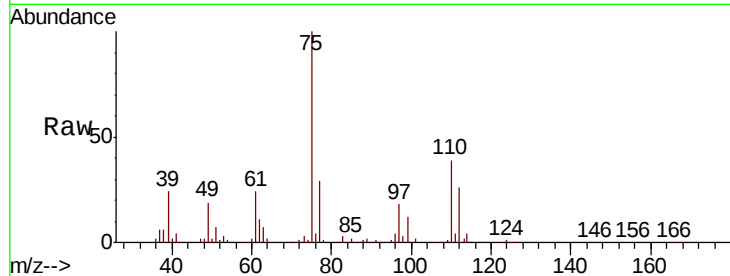
MW-309-SRI4MSD

Tot Ion: 75 Resp: 147043

Ion Ratio Lower Upper

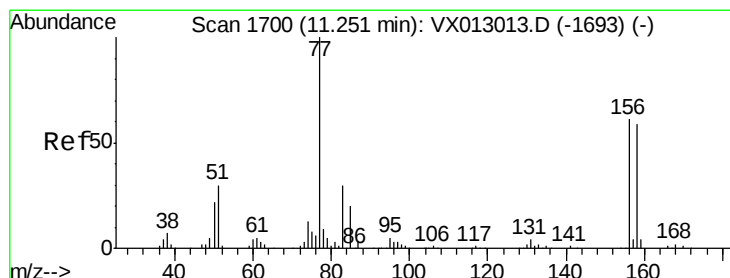
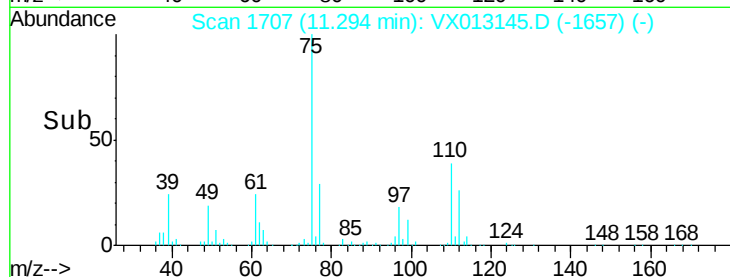
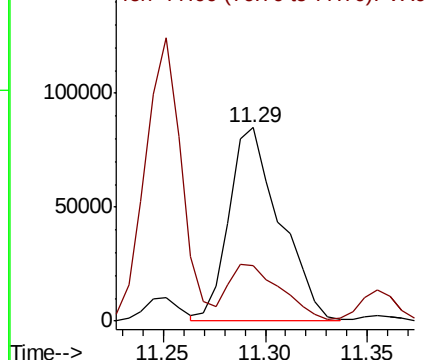
75 100

77 29.9 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 57.085 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

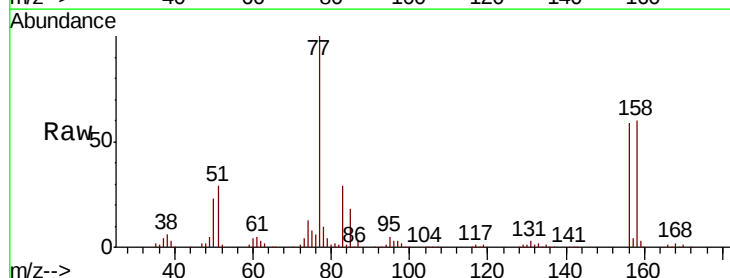
Tgt Ion: 156 Resp: 94874

Ion Ratio Lower Upper

156 100

77 161.6 83.7 251.0

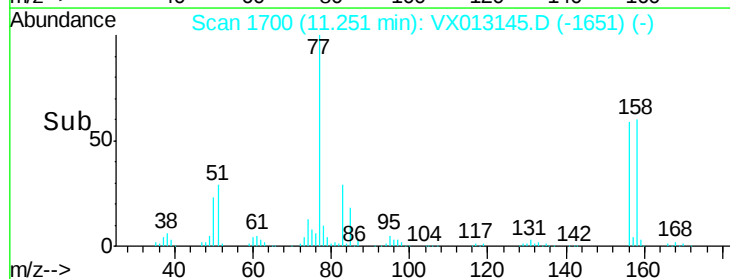
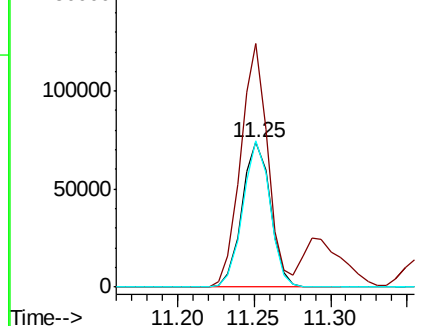
158 96.7 48.6 145.9

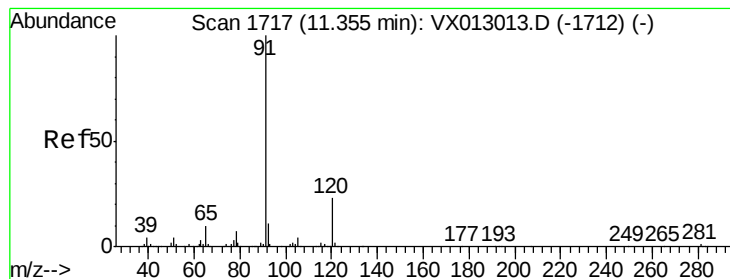


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 55.501 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

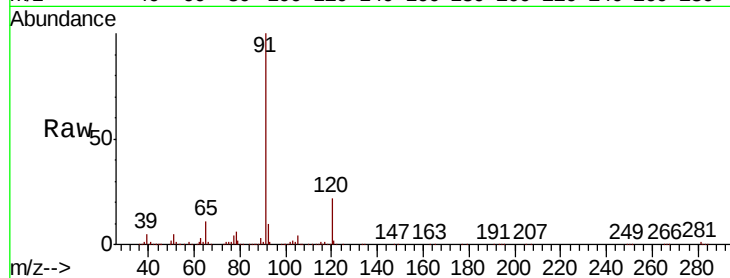
MW-309-SRI4MSD

Tot Ion: 91 Resp: 430724

Ion Ratio Lower Upper

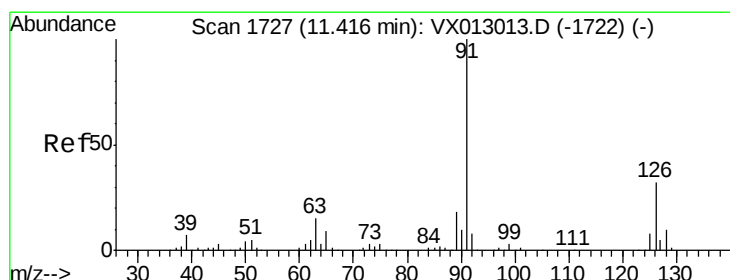
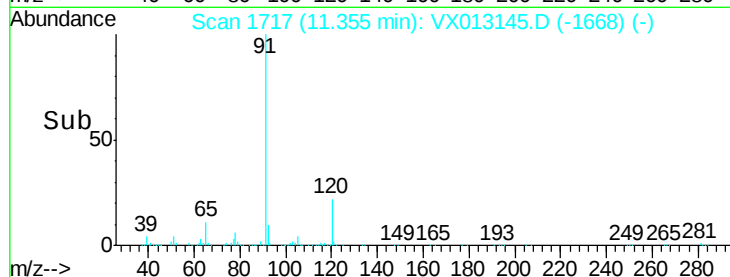
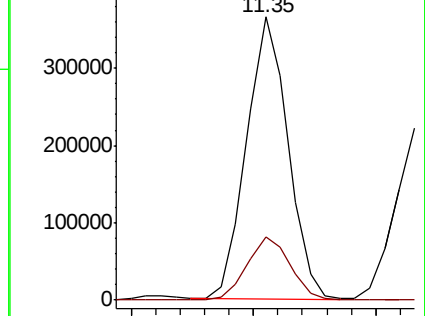
91 100

120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 54.916 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013145.D

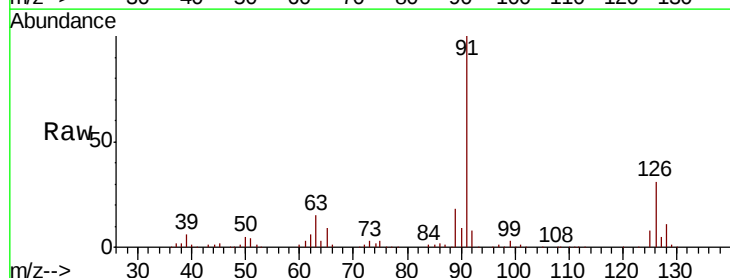
Acq: 18 Oct 2019 22:10

Tgt Ion: 91 Resp: 267842

Ion Ratio Lower Upper

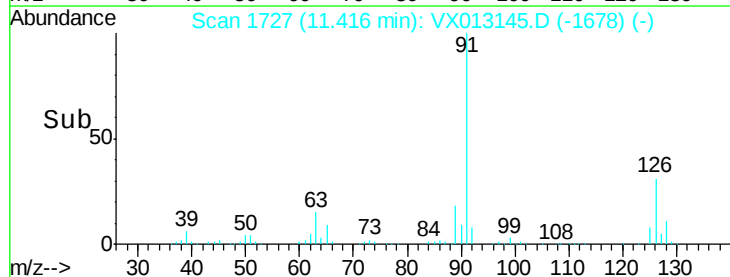
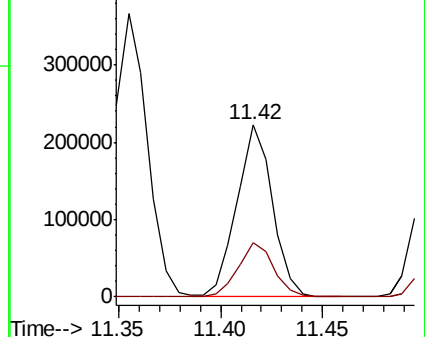
91 100

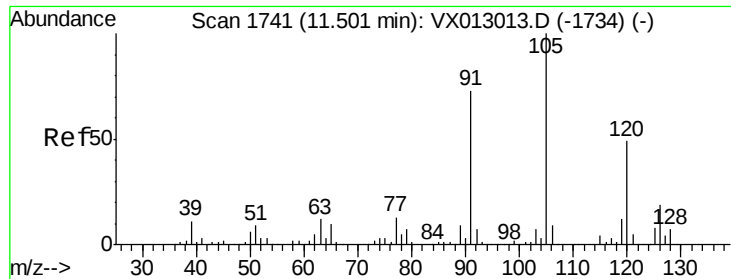
126 31.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

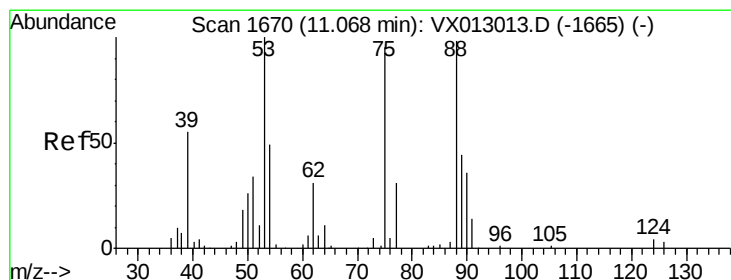
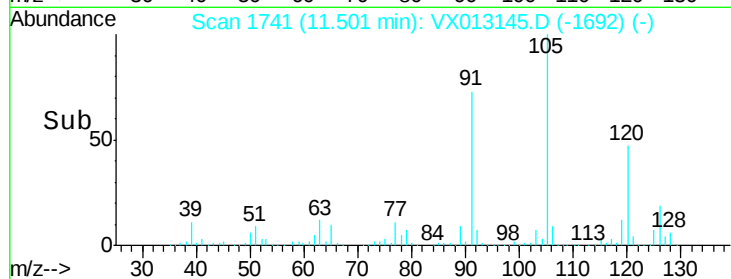
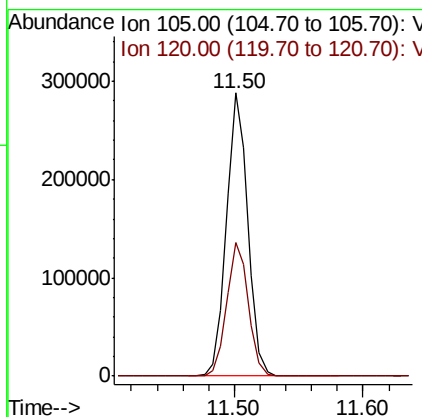
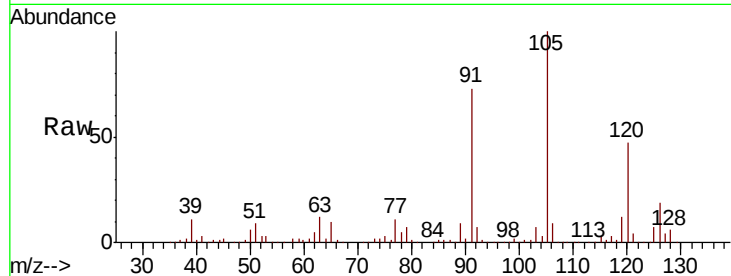




#80
 1,3,5-Trimethylbenzene
 Concen: 57.152 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

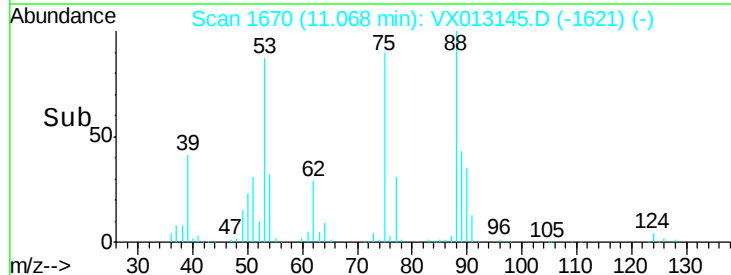
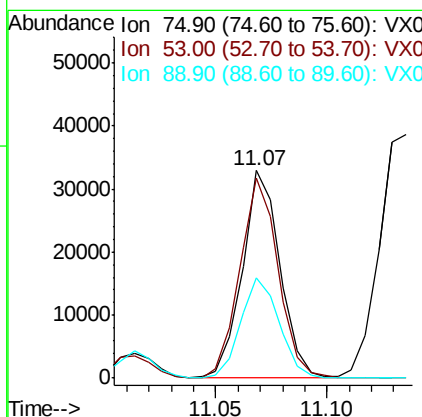
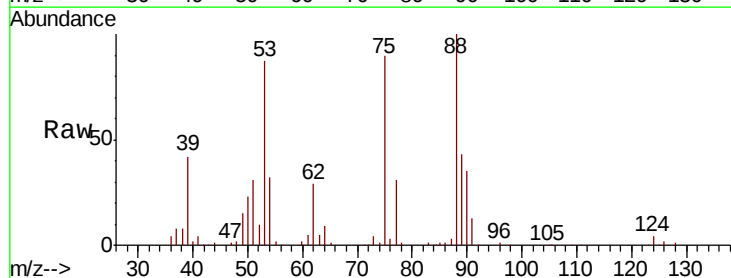
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

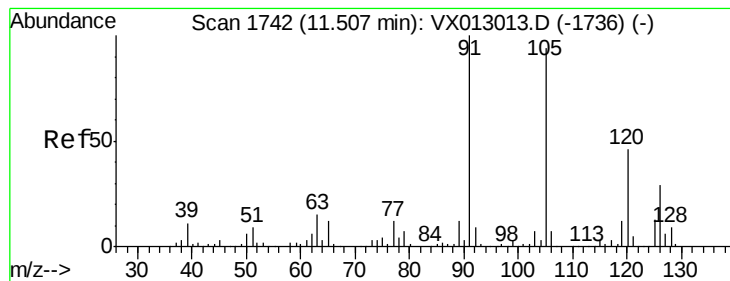
Tot Ion: 105 Resp: 336572
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.572 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 75 Resp: 39183
 Ion Ratio Lower Upper
 75 100
 53 97.9 78.5 117.7
 89 49.0 37.4 56.2





#82

4-Chlorotoluene

Concen: 56.167 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

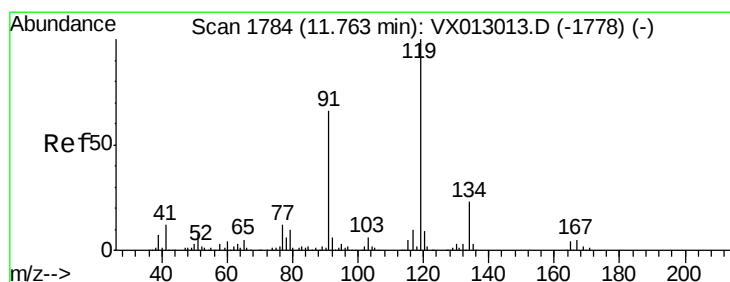
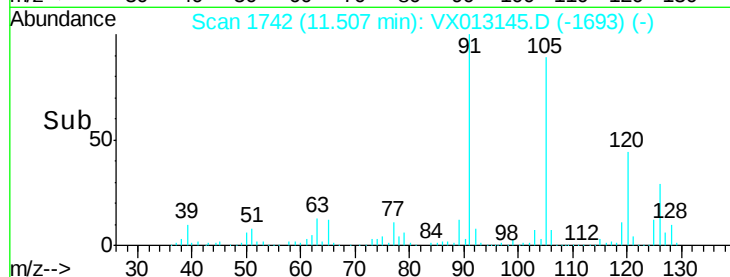
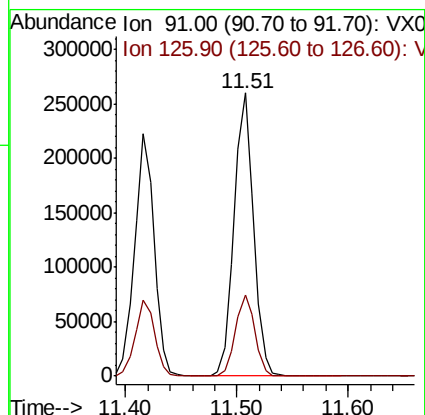
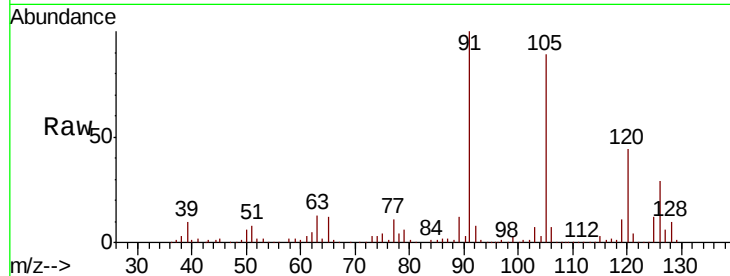
MW-309-SRI4MSD

Tot Ion: 91 Resp: 313996

Ion Ratio Lower Upper

91 100

126 28.7 14.2 42.6



#83

tert-Butylbenzene

Concen: 57.466 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

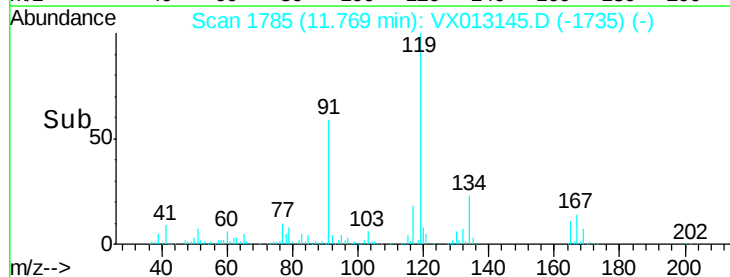
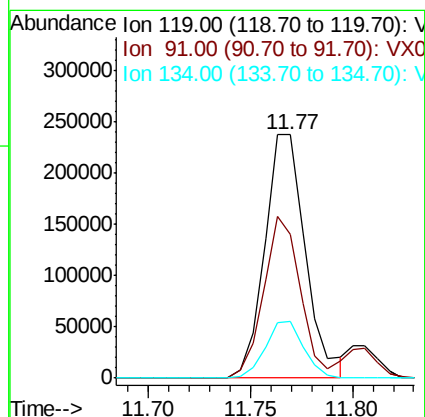
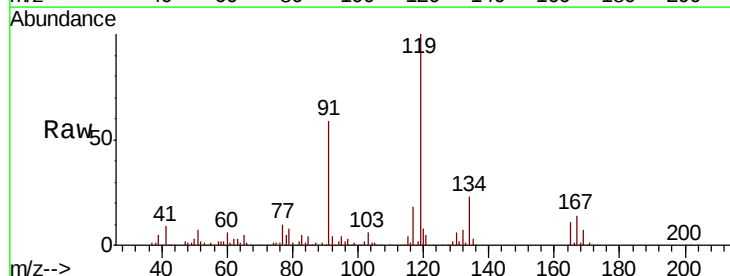
Tgt Ion: 119 Resp: 330131

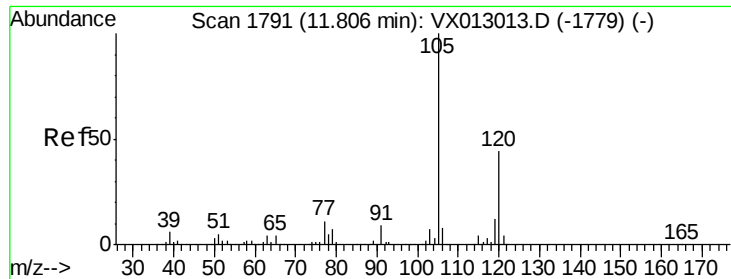
Ion Ratio Lower Upper

119 100

91 59.9 29.3 87.9

134 22.1 11.5 34.4

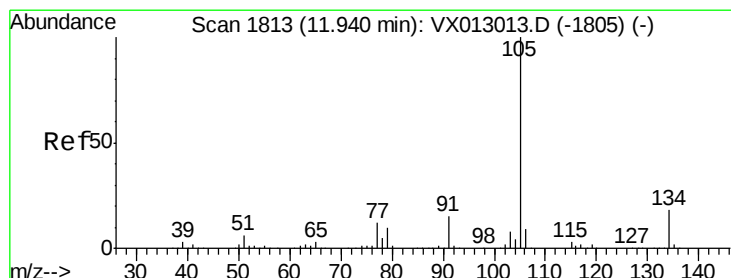
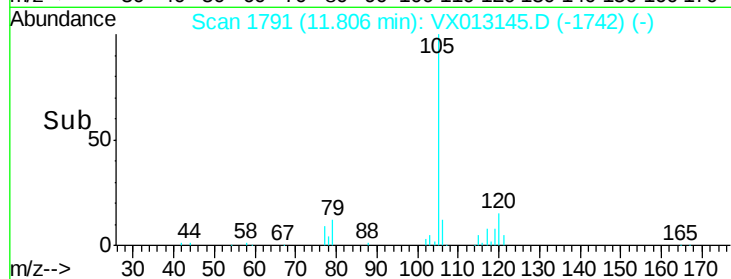
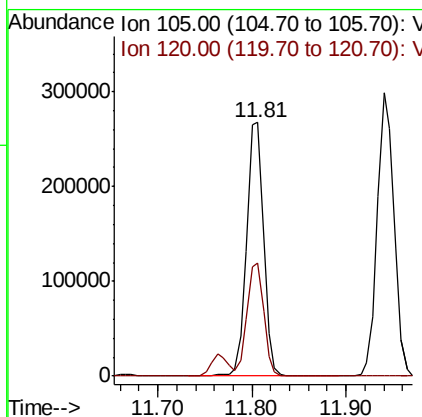
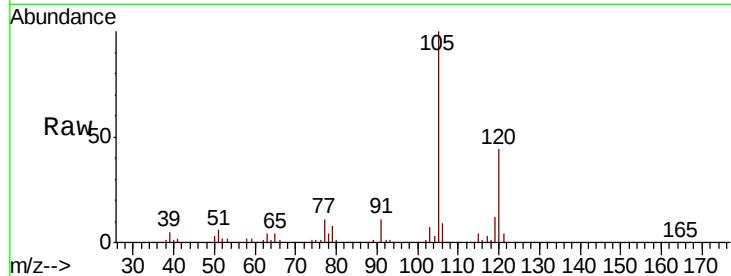




#84
1,2,4-Trimethylbenzene
Concen: 56.411 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

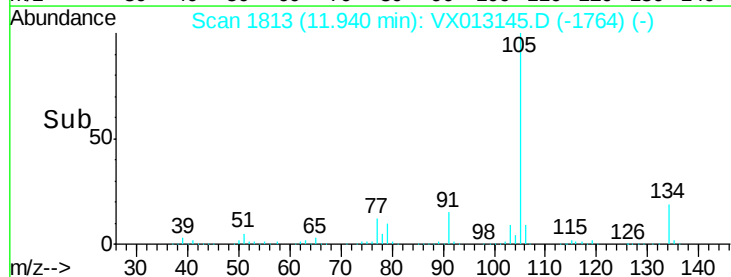
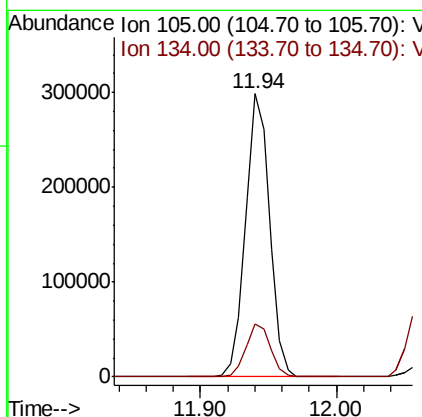
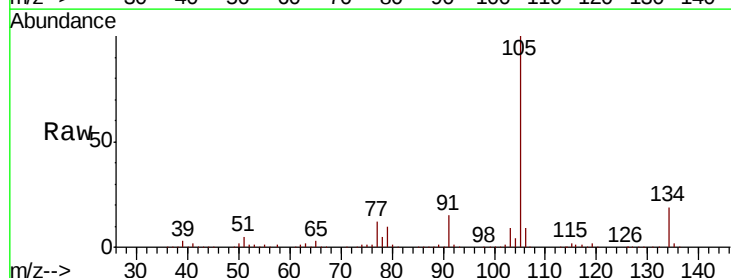
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

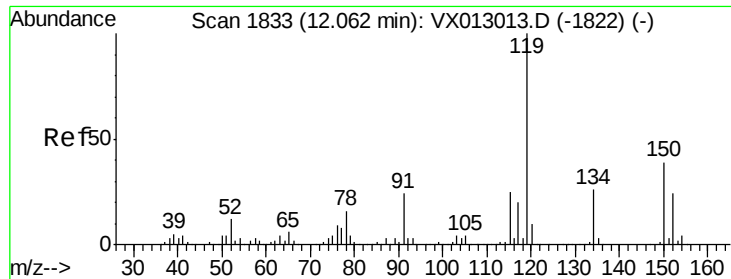
Tot Ion:105 Resp: 336454
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3



#85
sec-Butylbenzene
Concen: 55.443 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion:105 Resp: 369003
Ion Ratio Lower Upper
105 100
134 19.0 10.0 30.0

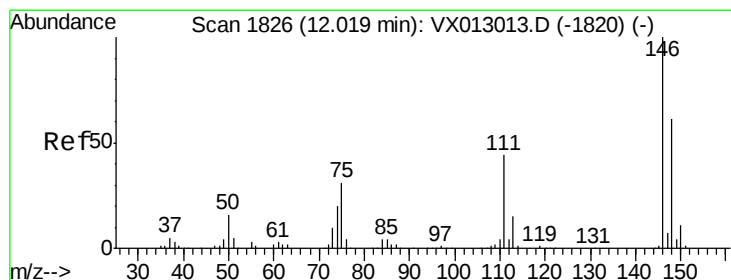
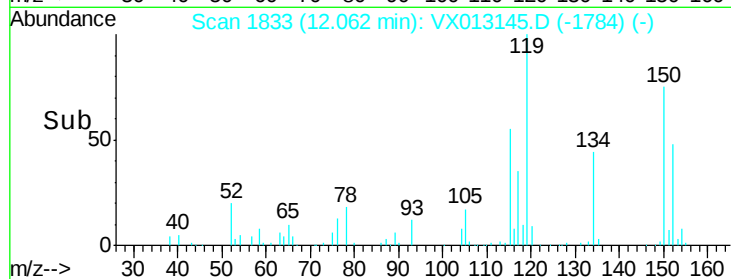
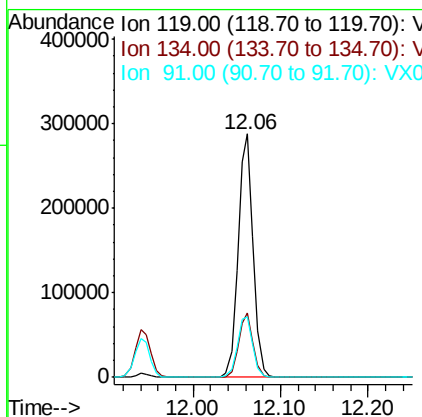
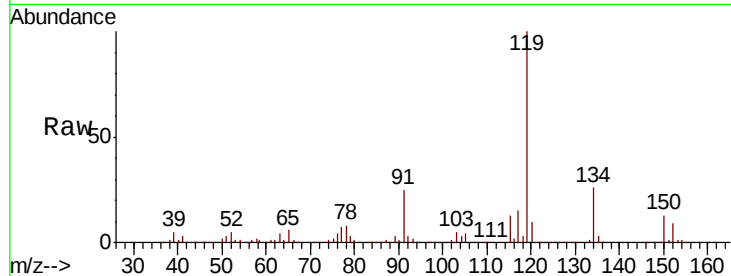




#86
p-Isopropyltoluene
Concen: 55.884 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

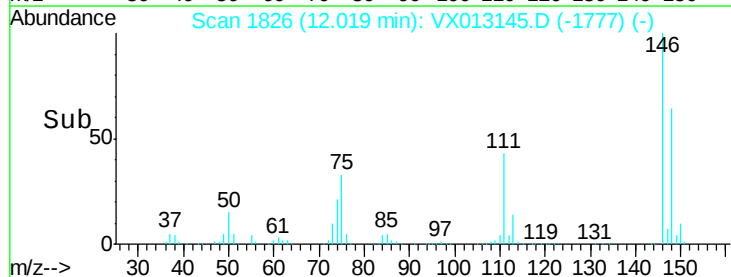
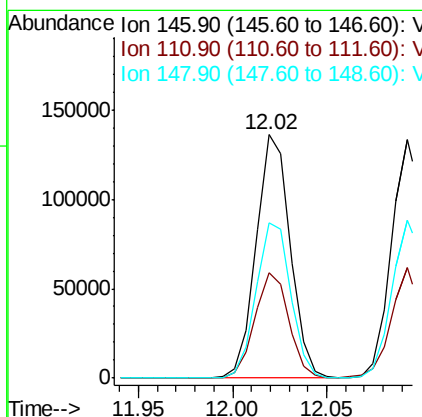
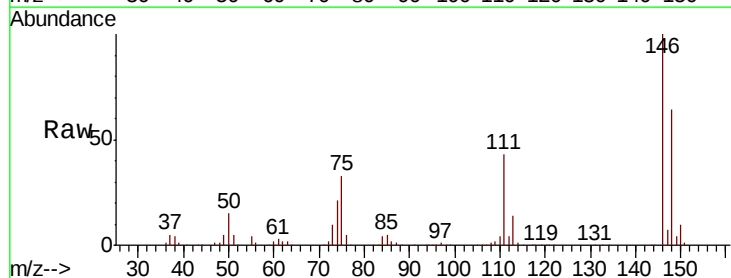
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MSD

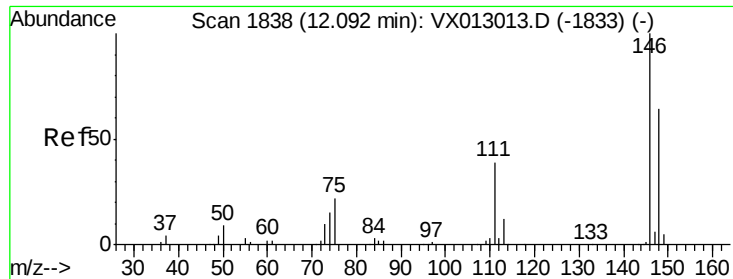
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.8
91	25.5	12.4	37.4



#87
1,3-Dichlorobenzene
Concen: 55.345 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013145.D
Acq: 18 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.4
148	65.0	31.6	95.0

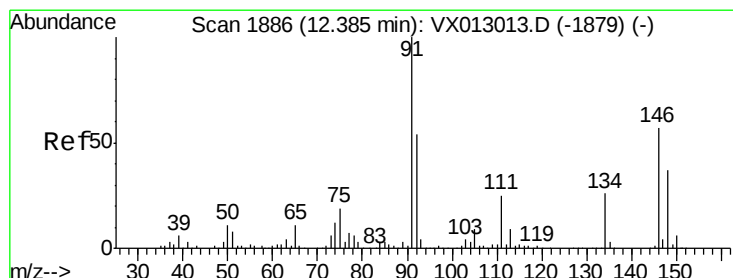
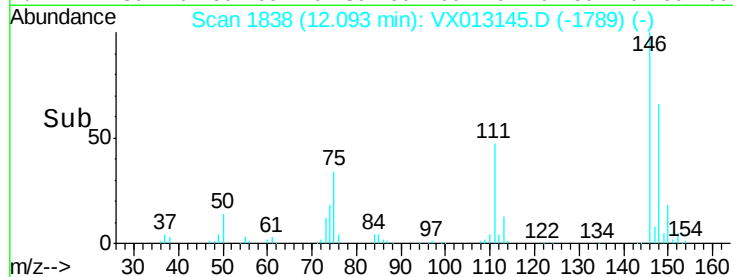
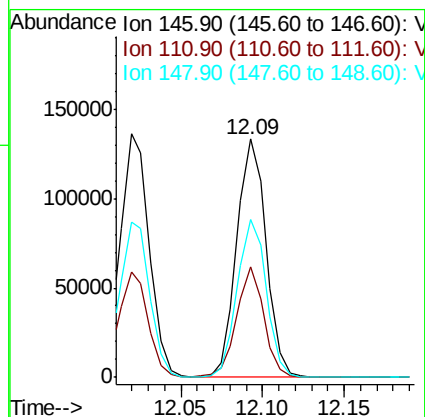
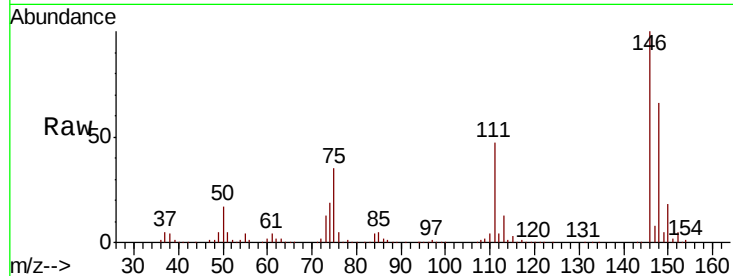




#88
 1,4-Dichlorobenzene
 Concen: 53.327 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

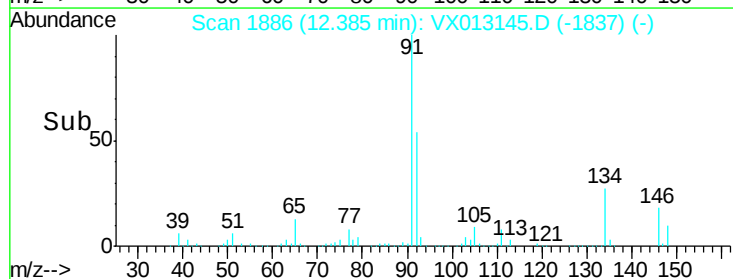
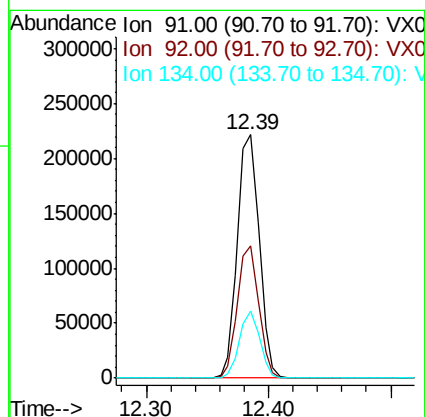
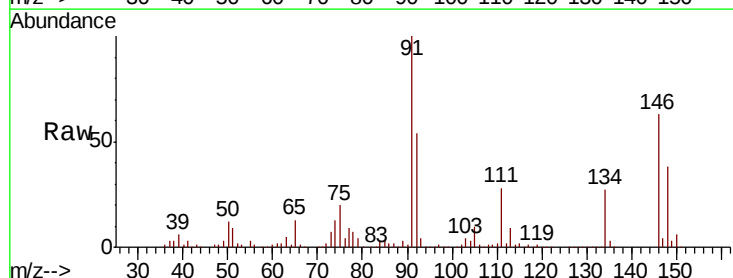
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

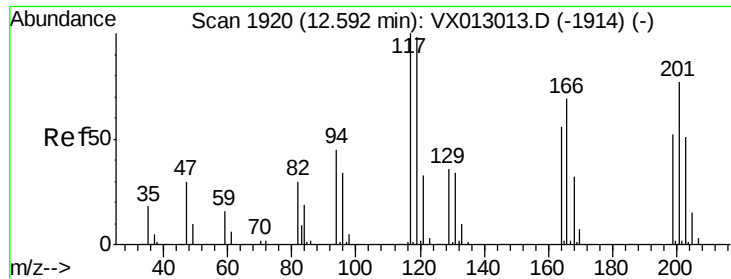
Tot Ion:146 Resp: 166684
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.4 64.3
 148 65.9 32.1 96.5



#89
 n-Butylbenzene
 Concen: 52.546 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion: 91 Resp: 272601
 Ion Ratio Lower Upper
 91 100
 92 53.1 27.5 82.5
 134 25.6 12.9 38.7





#90

Hexachloroethane

Concen: 53.274 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

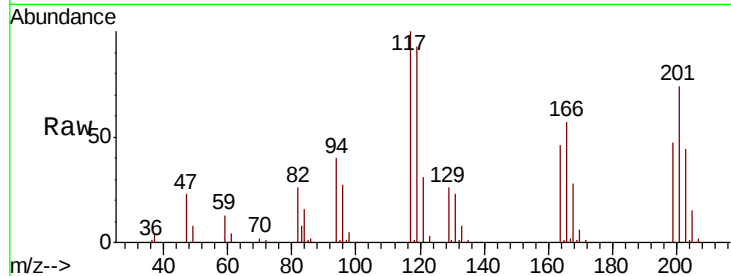
MW-309-SRI4MSD

Tot Ion:117 Resp: 61071

Ion Ratio Lower Upper

117 100

201 75.0 36.9 110.7

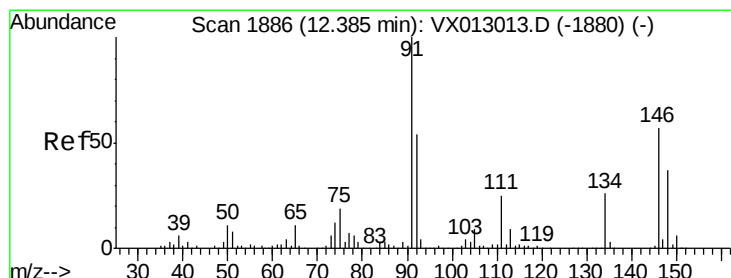
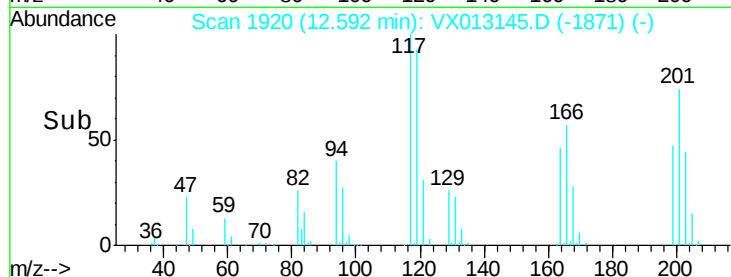


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

Time-->



#91

1,2-Dichlorobenzene

Concen: 57.047 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

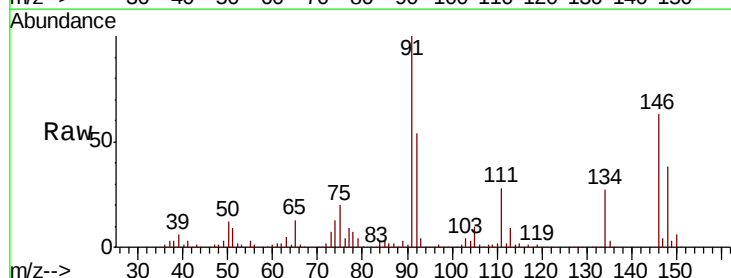
Tgt Ion:146 Resp: 172607

Ion Ratio Lower Upper

146 100

111 44.4 22.7 68.0

148 62.4 31.6 94.7



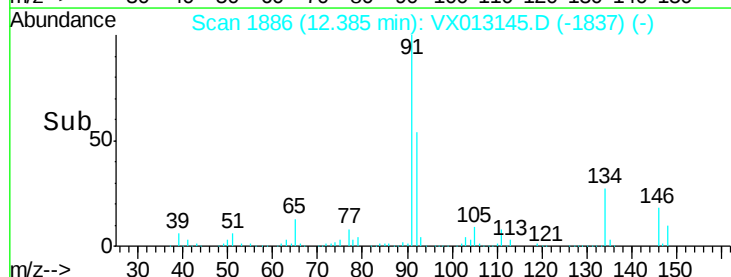
Abundance Ion 145.90 (145.60 to 146.60): V

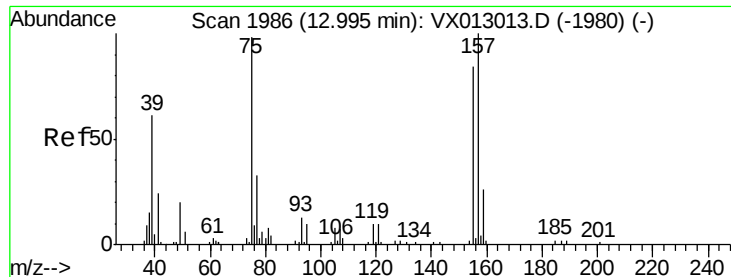
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

Time-->

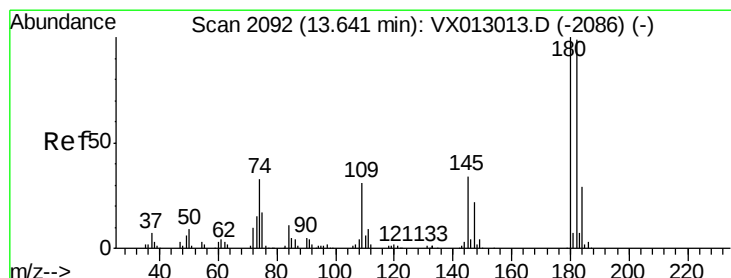
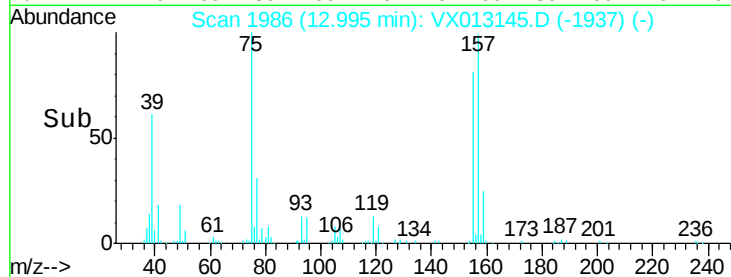
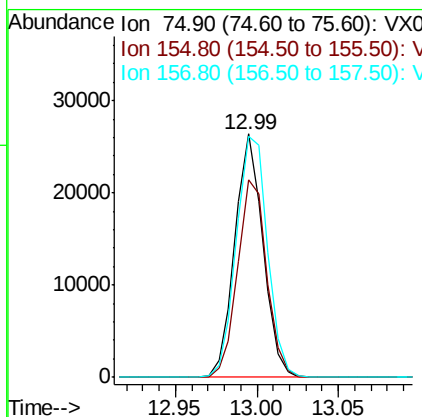
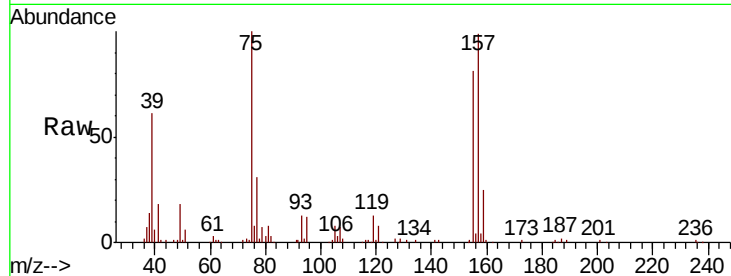




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.720 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

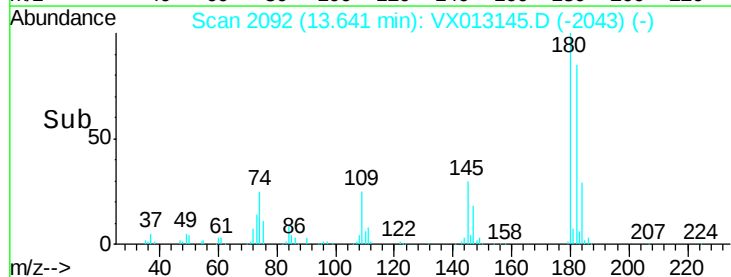
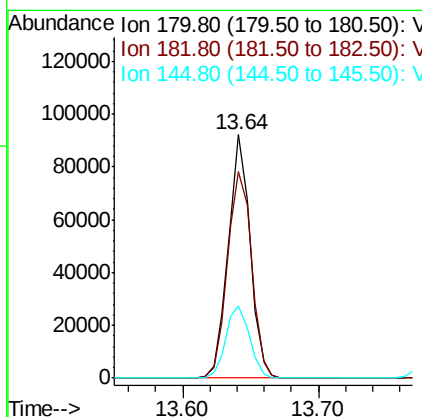
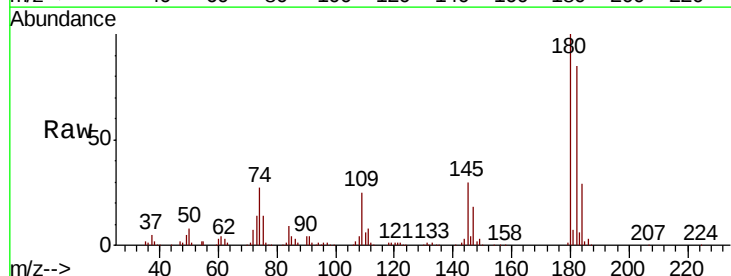
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

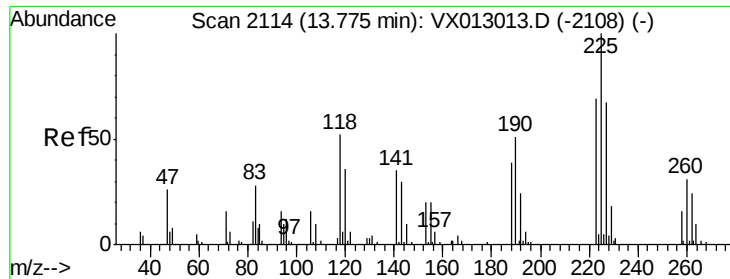
Tot Ion: 75 Resp: 31735
 Ion Ratio Lower Upper
 75 100
 155 84.4 43.0 128.8
 157 109.6 54.1 162.3



#93
 1,2,4-Trichlorobenzene
 Concen: 54.438 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Tgt Ion:180 Resp: 103180
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.8 140.4
 145 32.3 16.2 48.6





#94

Hexachlorobutadiene

Concen: 55.750 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MSD

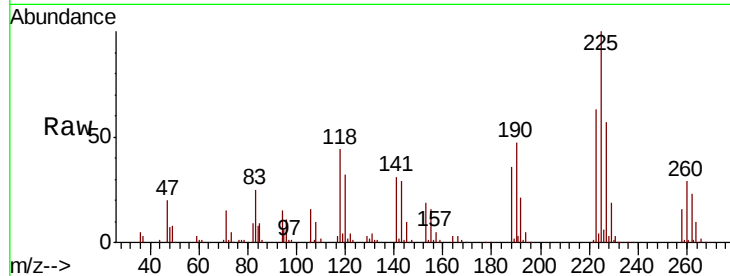
Tot Ion:225 Resp: 48765

Ion Ratio Lower Upper

225 100

223 61.3 31.1 93.2

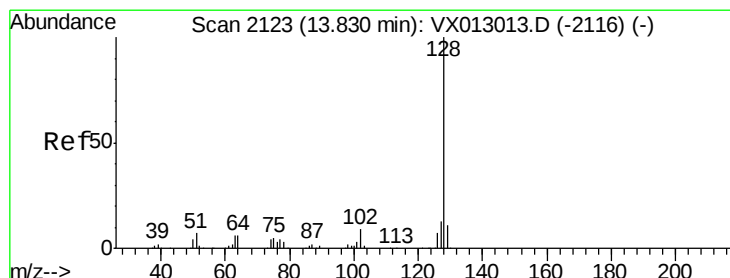
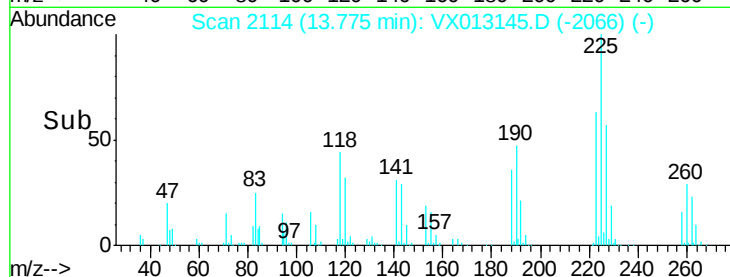
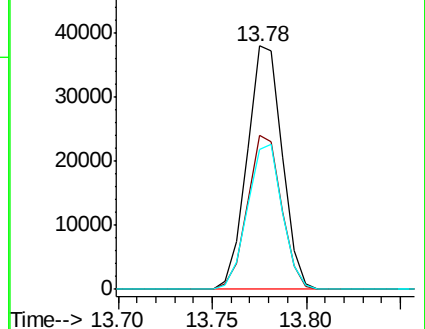
227 59.1 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.159 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013145.D

Acq: 18 Oct 2019 22:10

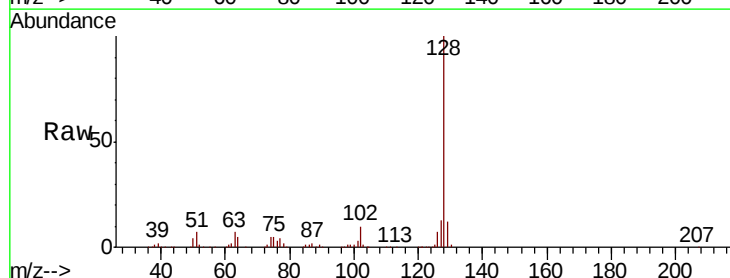
Tgt Ion:128 Resp: 329559

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

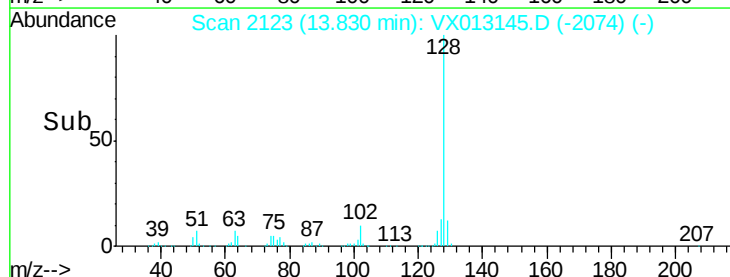
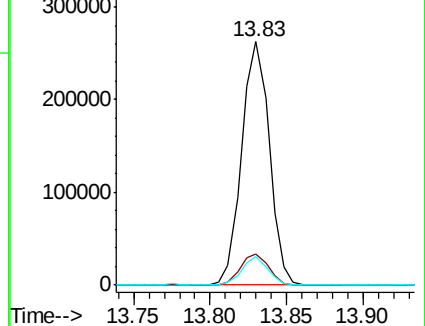
129 11.0 8.8 13.2

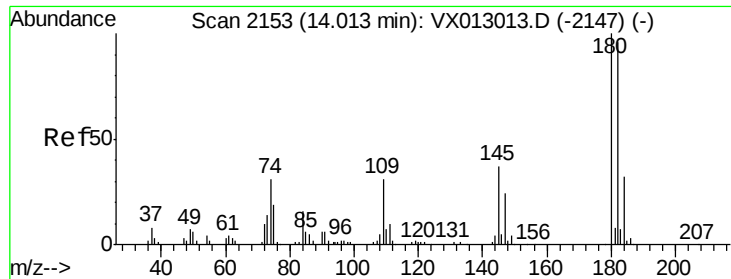


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 52.606 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX013145.D
 Acq: 18 Oct 2019 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.0	47.5	142.5	
145	33.7	17.4	52.3	

