

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012826.D
 Acq On : 04 Oct 2019 20:51
 Operator : JC/SP
 Sample : K5189-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Quant Time: Oct 05 04:26:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114612	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	109735	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	5.48	113	86281	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	8.71	98	319852	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	123463	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	71232	40.687	ug/l	97
3) Chloromethane	1.31	50	83667	41.618	ug/l	99
4) Vinyl Chloride	1.40	62	88371	44.225	ug/l	98
5) Bromomethane	1.62	94	31482	40.072	ug/l	99
6) Chloroethane	1.70	64	57351	42.575	ug/l	97
7) Trichlorofluoromethane	1.92	101	128354	45.751	ug/l	99
8) Diethyl Ether	2.18	74	53250	46.316	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79749	46.671	ug/l	97
10) Methyl Iodide	2.50	142	82442	46.214	ug/l	93
11) Tert butyl alcohol	3.04	59	142394	251.533	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83634	49.984	ug/l	98
13) Acrolein	2.28	56	76810	243.830	ug/l	98
14) Allyl chloride	2.72	41	144846	43.632	ug/l	96
15) Acrylonitrile	3.13	53	286475	249.432	ug/l	98
16) Acetone	2.44	43	254888	212.345	ug/l	95
17) Carbon Disulfide	2.56	76	212878	45.382	ug/l	99
18) Methyl Acetate	2.76	43	107746	38.121	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318291	50.257	ug/l	99
20) Methylene Chloride	2.84	84	98037	48.289	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	89045	48.036	ug/l	97
22) Diisopropyl ether	3.84	45	311851	48.616	ug/l	92
23) Vinyl Acetate	3.80	43	1001577	178.051	ug/l	97
24) 1,1-Dichloroethane	3.69	63	171724	49.250	ug/l	98
25) 2-Butanone	4.66	43	395442	229.758	ug/l	96
26) 2,2-Dichloropropane	4.57	77	65293	21.055	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	106246	49.397	ug/l	87
28) Bromochloromethane	5.00	49	61424	48.516	ug/l	94
29) Tetrahydrofuran	5.11	42	253737	241.878	ug/l	95
30) Chloroform	5.20	83	173194	48.551	ug/l	98
31) Cyclohexane	5.57	56	147380	46.722	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	151322	47.863	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124634	46.384	ug/l	97
37) Ethyl Acetate	4.82	43	117703	37.468	ug/l	99
38) Carbon Tetrachloride	5.78	117	127762	46.807	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012826.D
 Acq On : 04 Oct 2019 20:51
 Operator : JC/SP
 Sample : K5189-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Quant Time: Oct 05 04:26:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141863	43.855	ug/l	98
40) Benzene	6.13	78	385197	48.722	ug/l	97
41) Methacrylonitrile	5.03	41	82679	46.909	ug/l	94
42) 1,2-Dichloroethane	6.19	62	141765	47.220	ug/l	98
43) Isopropyl Acetate	6.44	43	211763	40.310	ug/l	97
44) Trichloroethene	7.20	130	100176	49.565	ug/l	100
45) 1,2-Dichloropropane	7.51	63	101027	49.912	ug/l	98
46) Dibromomethane	7.65	93	67220	48.776	ug/l	98
47) Bromodichloromethane	7.89	83	135452	49.178	ug/l	100
48) Methyl methacrylate	7.76	41	118784	47.155	ug/l	92
49) 1,4-Dioxane	7.73	88	58566	1025.047	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	773314	238.468	ug/l	95
52) Toluene	8.78	92	243167	48.937	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132105	43.350	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145992	43.877	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	99880	50.559	ug/l	97
56) Ethyl methacrylate	9.17	69	165534	49.877	ug/l	91
57) 1,3-Dichloropropane	9.37	76	170710	49.374	ug/l	100
59) 2-Hexanone	9.49	43	596945	240.491	ug/l	93
60) Dibromochloromethane	9.58	129	104754	52.382	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102364	49.789	ug/l	98
64) Tetrachloroethene	9.33	164	85341	49.213	ug/l	97
65) Chlorobenzene	10.14	112	256053	48.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96332	50.764	ug/l	99
67) Ethyl Benzene	10.25	91	463387	48.781	ug/l	100
68) m/p-Xylenes	10.36	106	346114	97.264	ug/l	99
69) o-Xylene	10.70	106	166491	48.353	ug/l	97
70) Styrene	10.71	104	292315	50.640	ug/l	99
71) Bromoform	10.85	173	71407	54.041	ug/l	99
73) Isopropylbenzene	11.01	105	455717	48.819	ug/l	100
74) N-amyl acetate	10.89	43	162637	36.520	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158282	51.198	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170999	56.402	ug/l	85
77) Bromobenzene	11.25	156	104400	49.415	ug/l	99
78) n-propylbenzene	11.35	91	496513	47.245	ug/l	100
79) 2-Chlorotoluene	11.42	91	311604	47.530	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	377197	48.186	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37552	35.496	ug/l	99
82) 4-Chlorotoluene	11.51	91	351126	46.983	ug/l	99
83) tert-Butylbenzene	11.76	119	368741	48.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	377154	47.761	ug/l	99
85) sec-Butylbenzene	11.94	105	419826	47.801	ug/l	100
86) p-Isopropyltoluene	12.06	119	385591	48.656	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188993	49.708	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187473	48.796	ug/l	99
89) n-Butylbenzene	12.39	91	312536	44.755	ug/l	100
90) Hexachloroethane	12.59	117	69875	49.457	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	187776	49.331	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39792	51.455	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	116564	50.214	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
Data File : VX012826.D
Acq On : 04 Oct 2019 20:51
Operator : JC/SP
Sample : K5189-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Quant Time: Oct 05 04:26:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

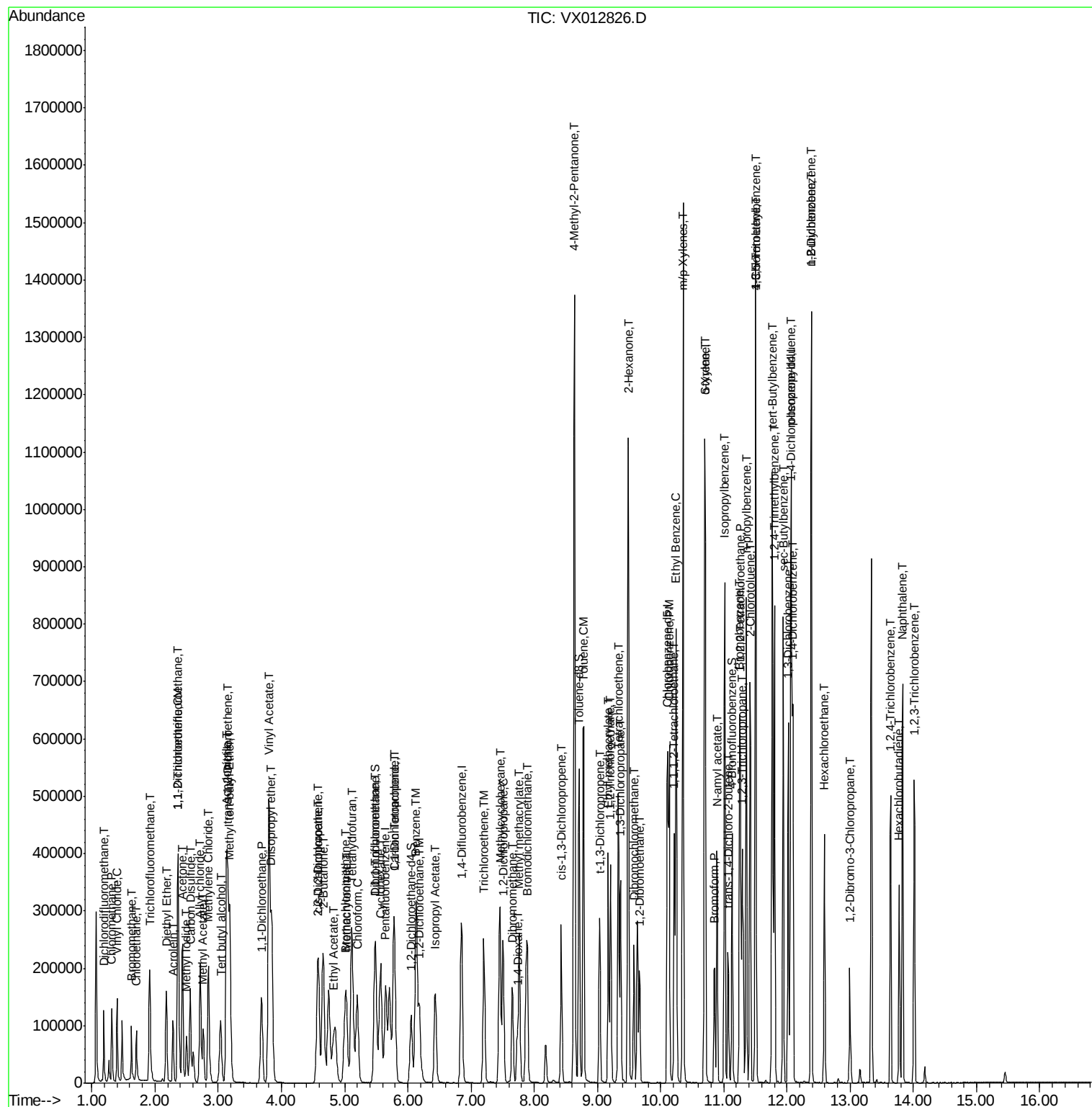
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48723	48.789	ug/l	96
95) Naphthalene	13.83	128	417718	49.736	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118383	50.909	ug/l	100

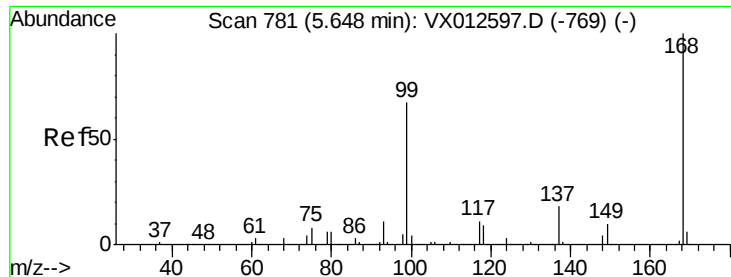
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012826.D
 Acq On : 04 Oct 2019 20:51
 Operator : JC/SP
 Sample : K5189-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Quant Time: Oct 05 04:26:20 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

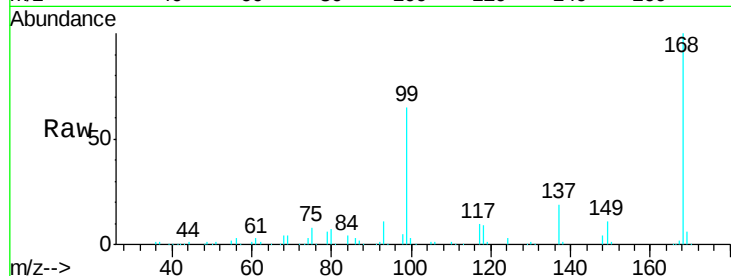
SA-MW127D-20190930MSD

Tgt Ion:168 Resp: 155623

Ion Ratio Lower Upper

168 100

99 64.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

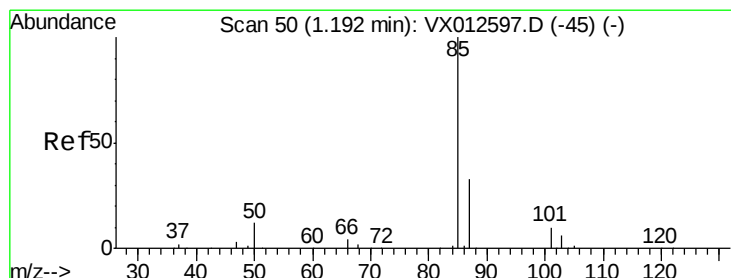
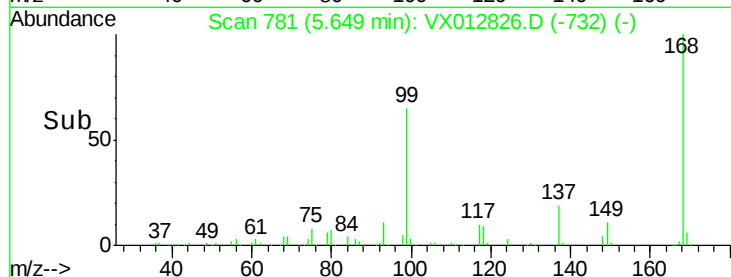
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 40.687 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012826.D

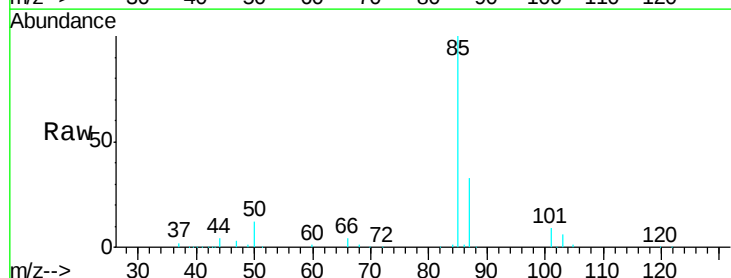
Acq: 04 Oct 2019 20:51

Tgt Ion: 85 Resp: 71232

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

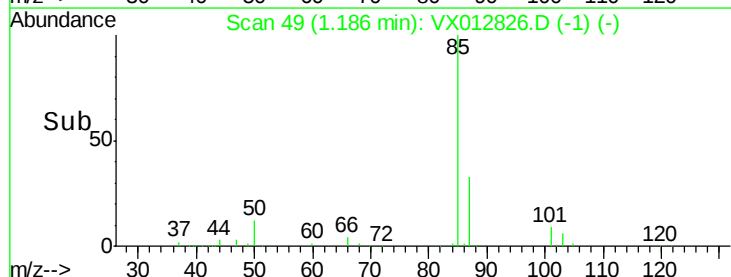
40000

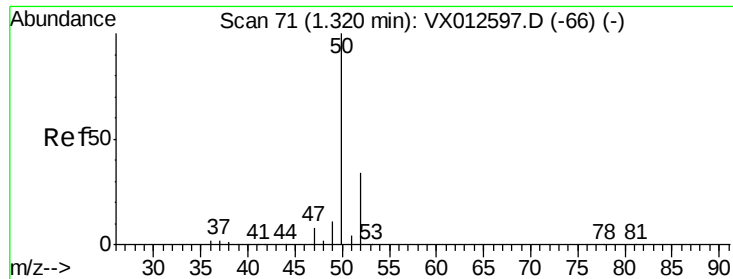
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.618 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

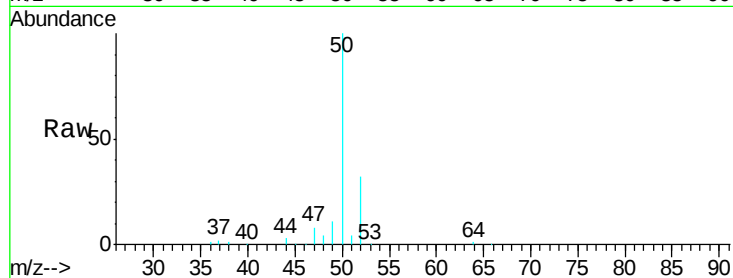
SA-MW127D-20190930MSD

Tgt Ion: 50 Resp: 83667

Ion Ratio Lower Upper

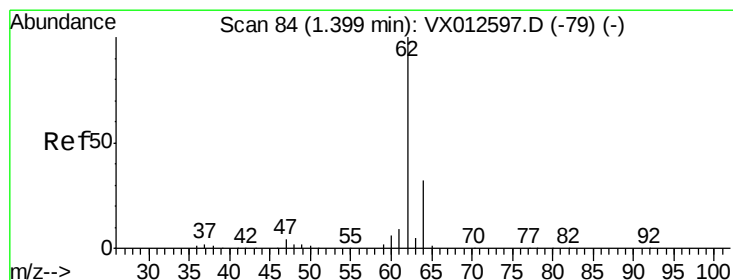
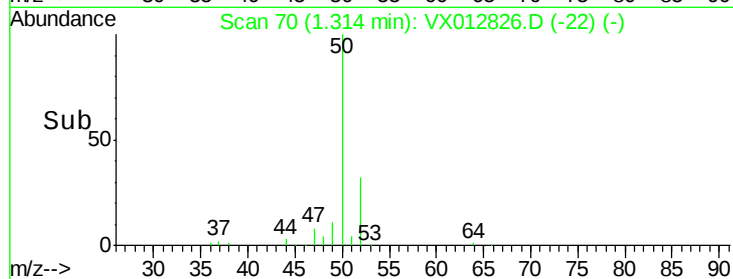
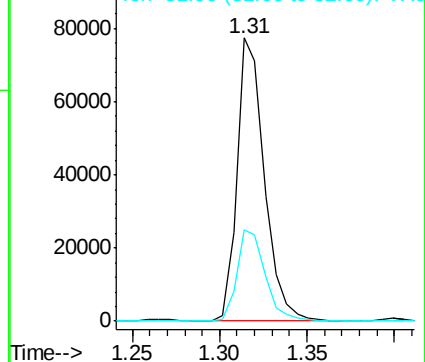
50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.225 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012826.D

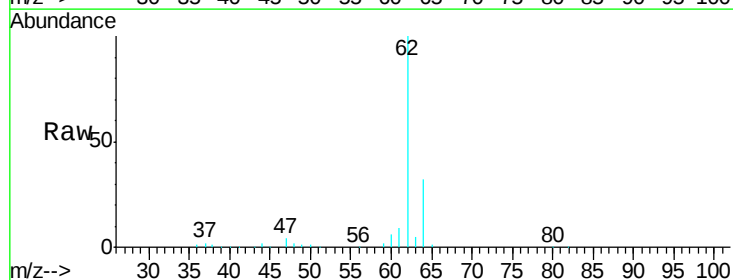
Acq: 04 Oct 2019 20:51

Tgt Ion: 62 Resp: 88371

Ion Ratio Lower Upper

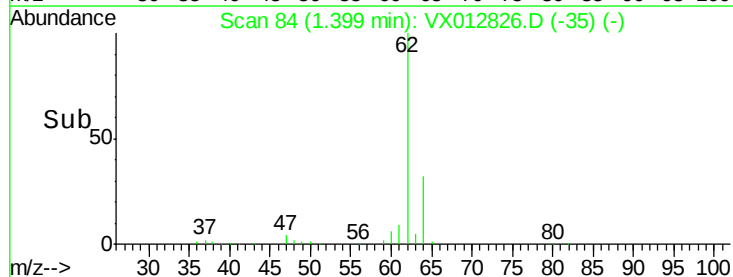
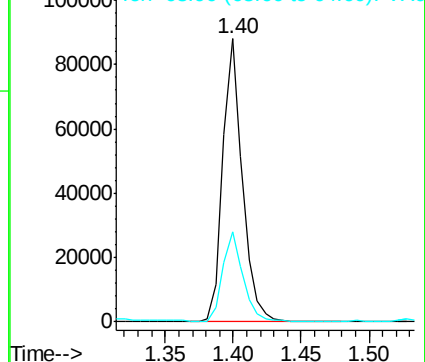
62 100

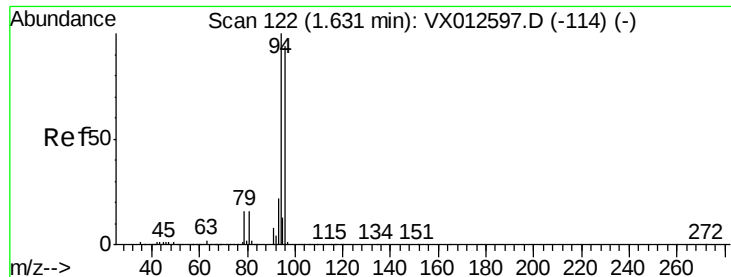
64 31.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.072 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

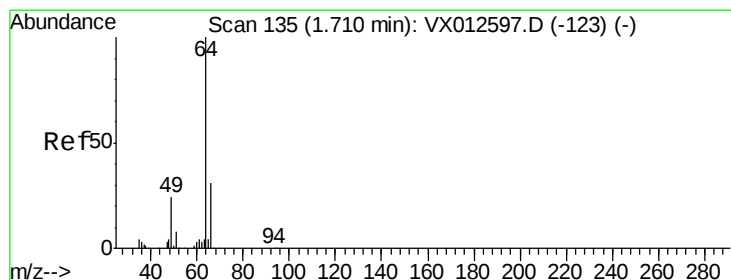
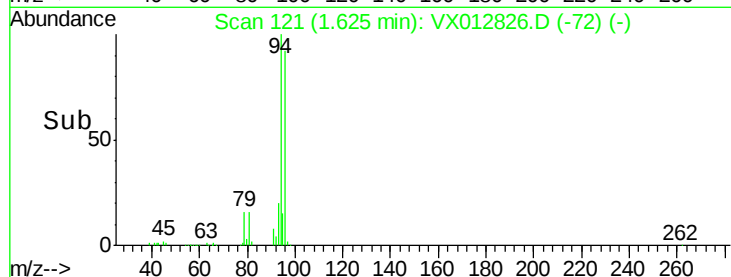
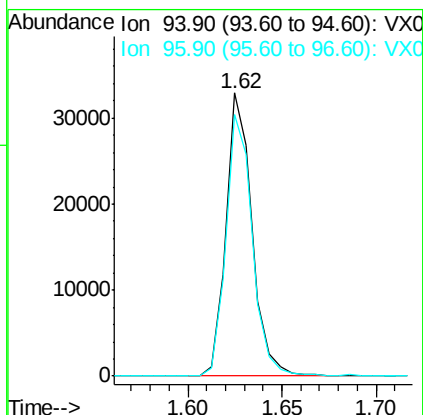
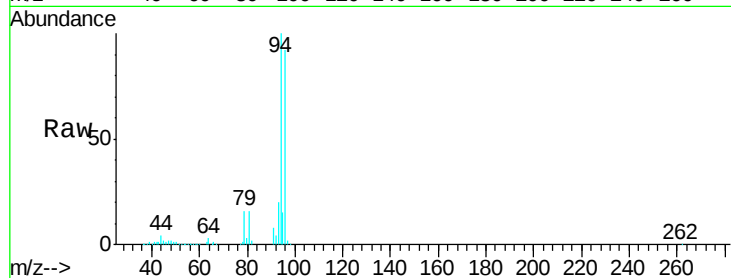
SA-MW127D-20190930MSD

Tgt Ion: 94 Resp: 31482

Ion Ratio Lower Upper

94 100

96 92.3 72.8 109.2



#6

Chloroethane

Concen: 42.575 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012826.D

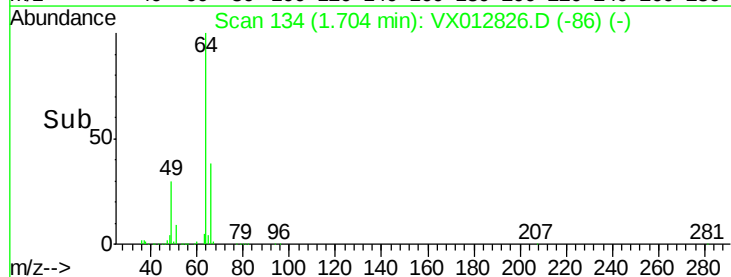
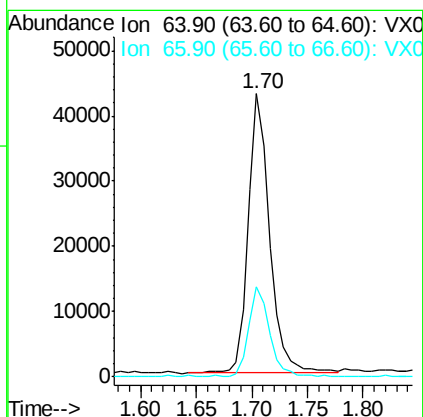
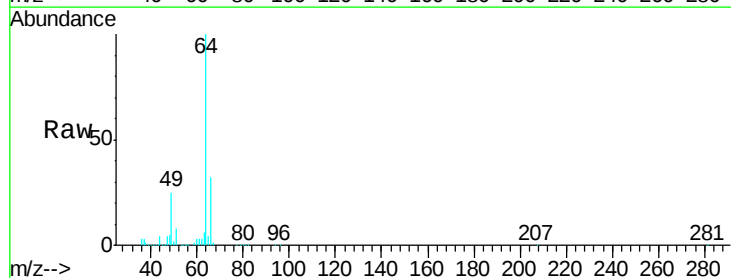
Acq: 04 Oct 2019 20:51

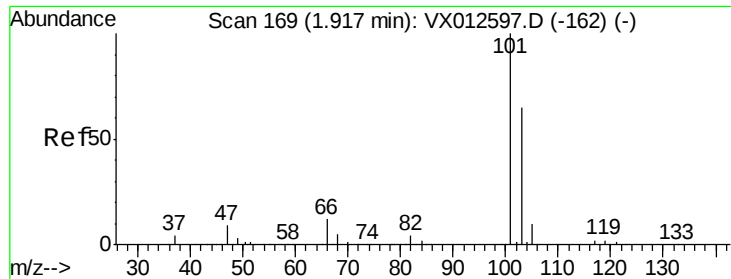
Tgt Ion: 64 Resp: 57351

Ion Ratio Lower Upper

64 100

66 31.8 24.0 36.0



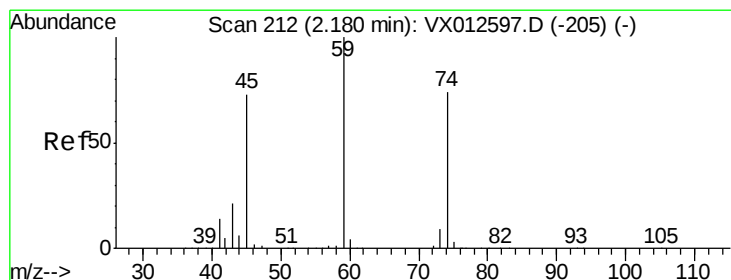
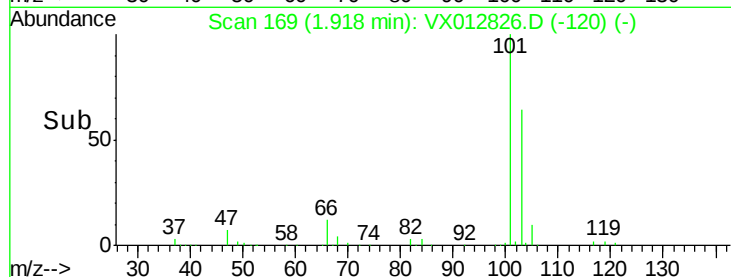
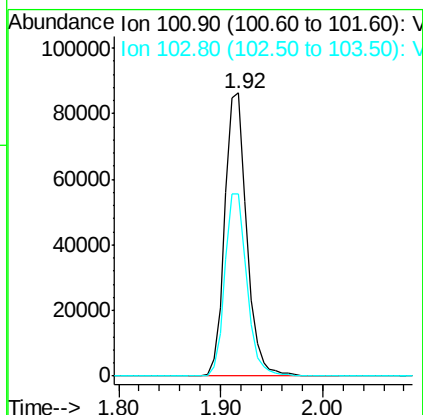
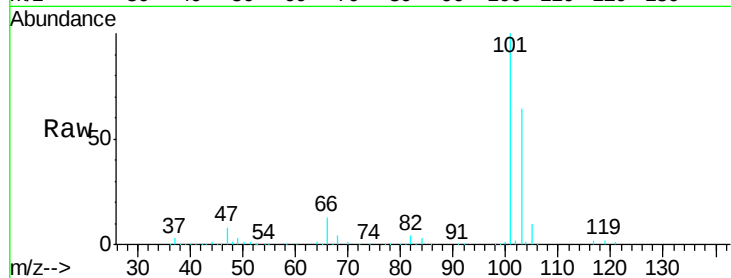


#7

Trichlorofluoromethane
Concen: 45.751 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

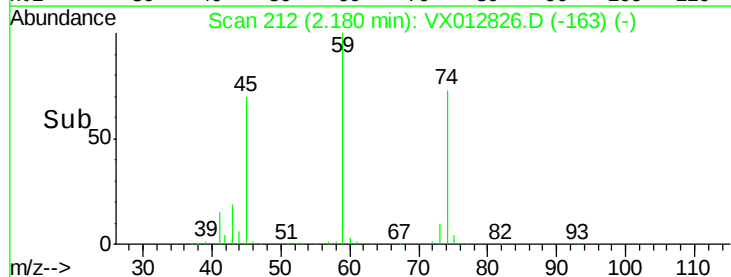
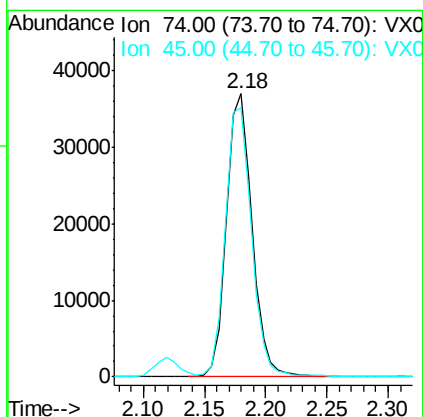
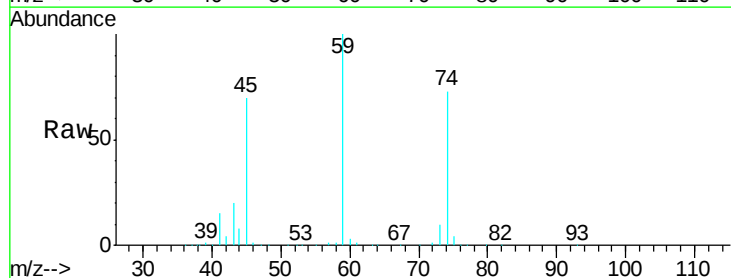
Tgt Ion:101 Resp: 128354
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

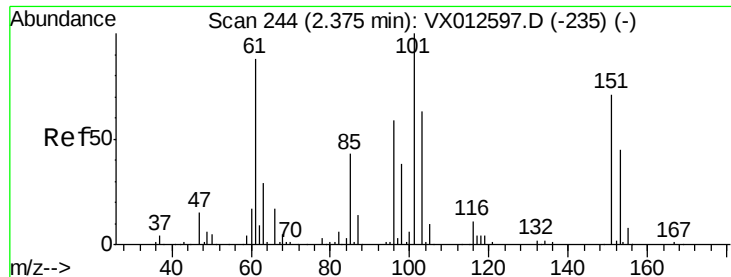


#8

Diethyl Ether
Concen: 46.316 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 74 Resp: 53250
Ion Ratio Lower Upper
74 100
45 98.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.671 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

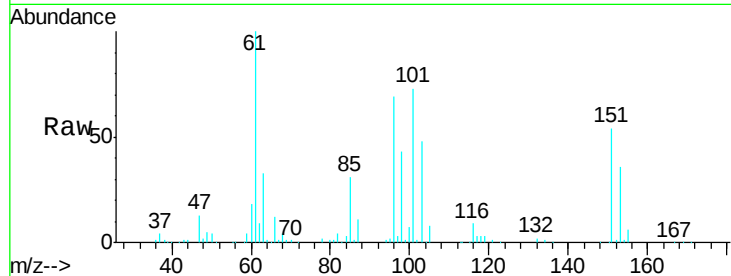
Tgt Ion:101 Resp: 79749

Ion Ratio Lower Upper

101 100

85 43.4 37.3 55.9

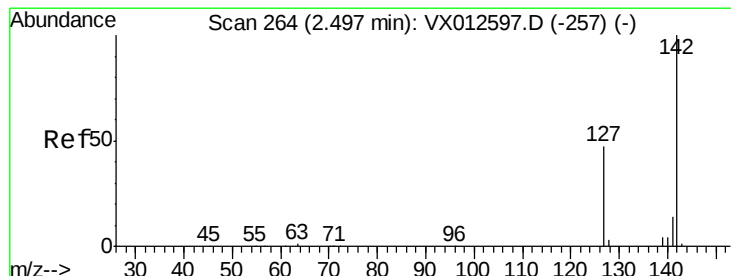
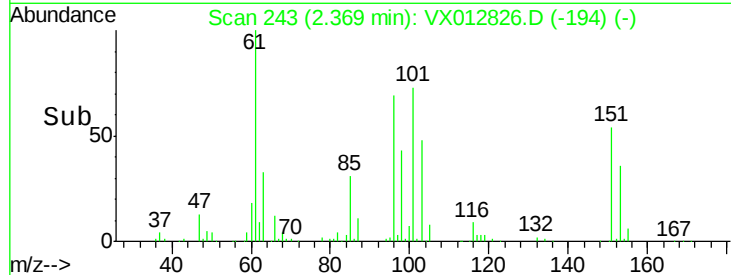
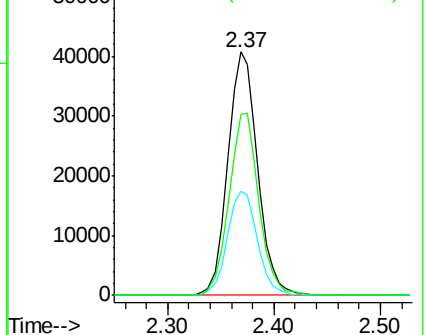
151 74.8 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.214 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

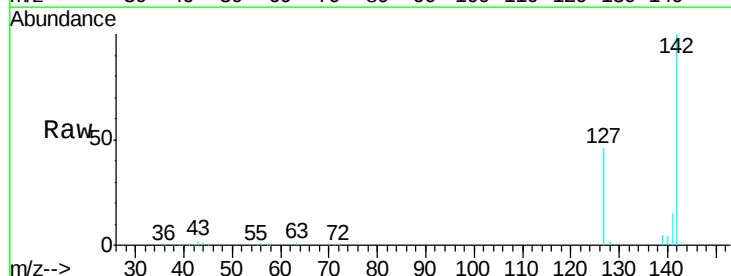
Tgt Ion:142 Resp: 82442

Ion Ratio Lower Upper

142 100

127 44.9 40.8 61.2

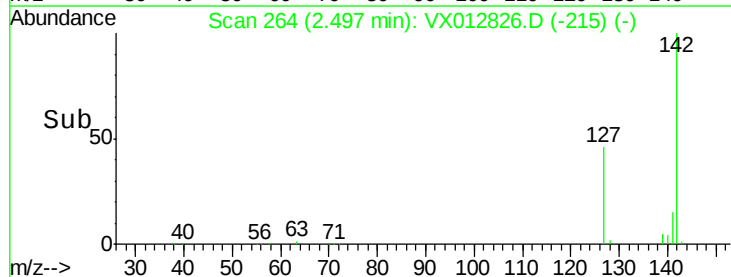
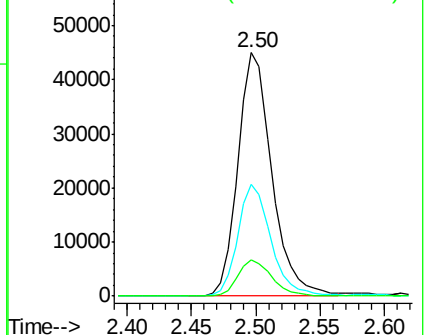
141 15.1 12.1 18.1

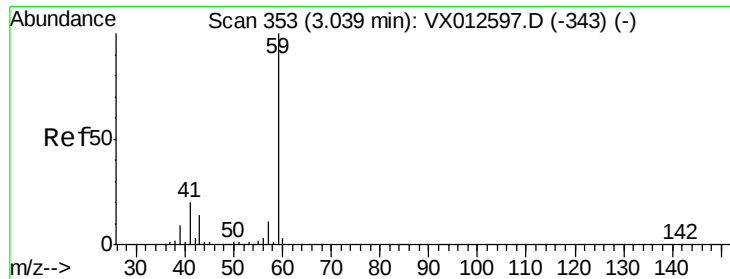


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

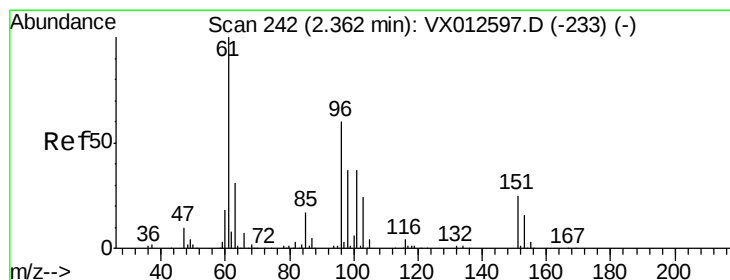
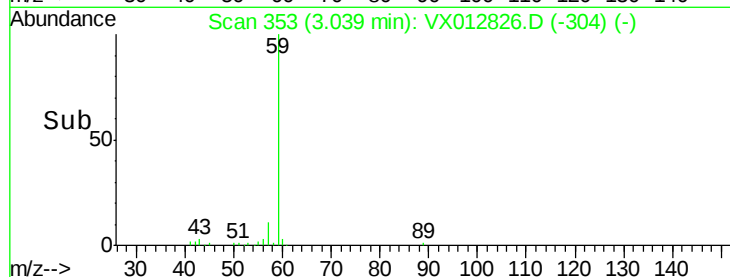
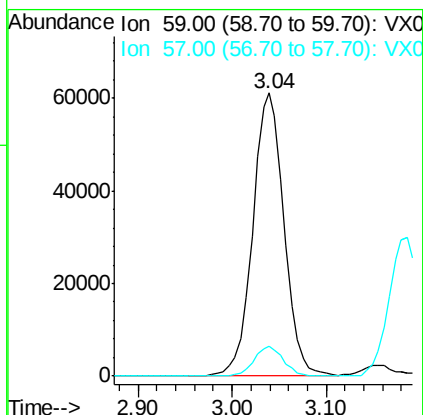
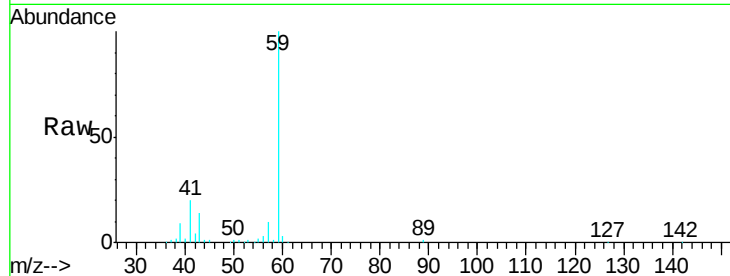




#11
Tert butyl alcohol
Concen: 251.533 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

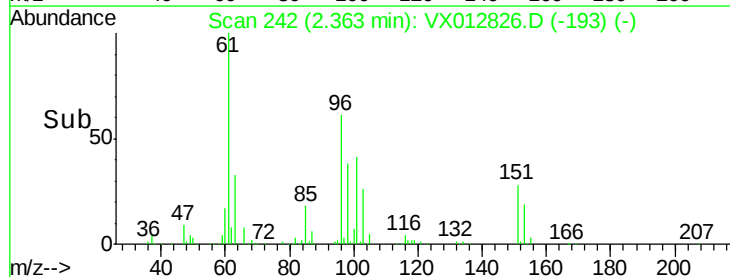
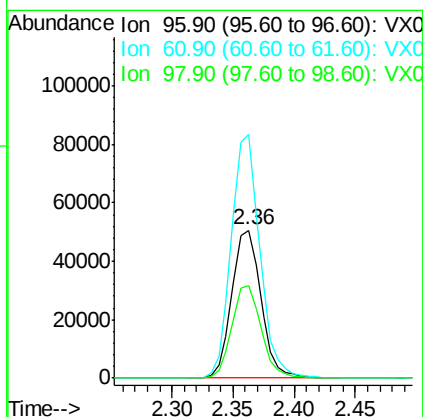
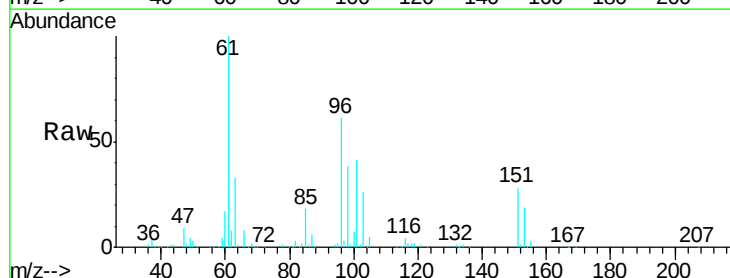
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

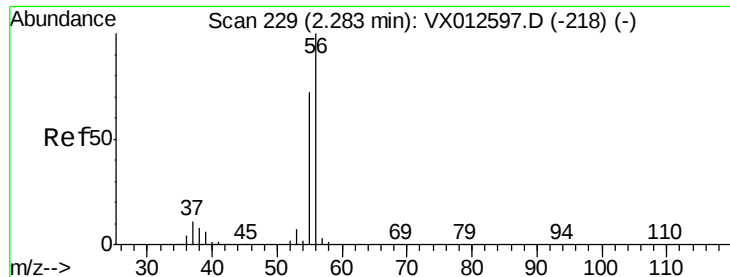
Tgt Ion: 59 Resp: 142394
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.984 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 96 Resp: 83634
Ion Ratio Lower Upper
96 100
61 164.4 133.8 200.6
98 62.3 49.9 74.9





#13

Acrolein

Concen: 243.830 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

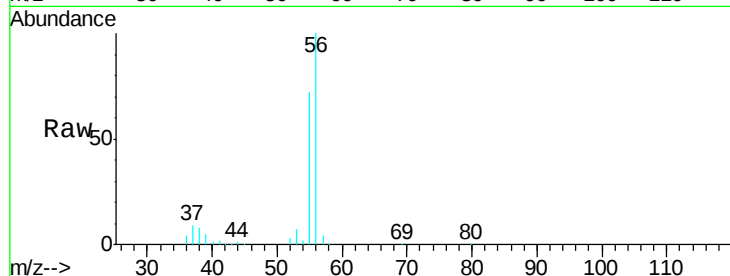
SA-MW127D-20190930MSD

Tgt Ion: 56 Resp: 76810

Ion Ratio Lower Upper

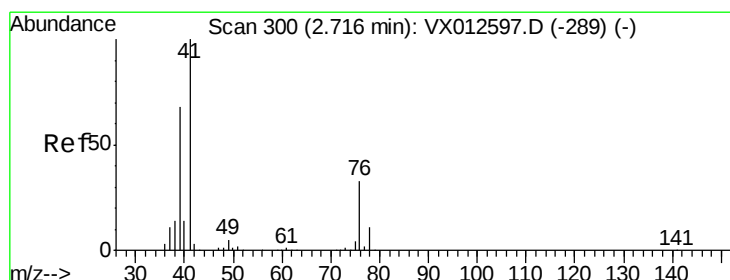
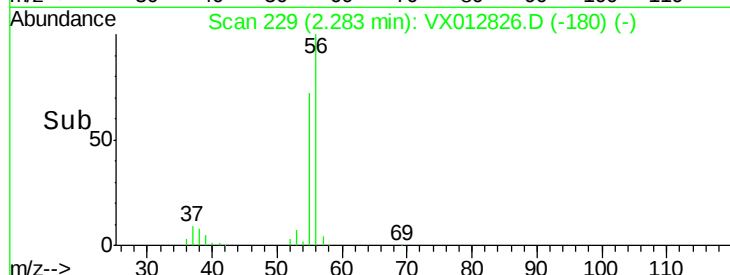
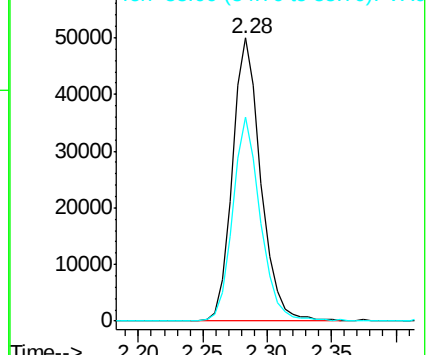
56 100

55 71.0 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.632 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

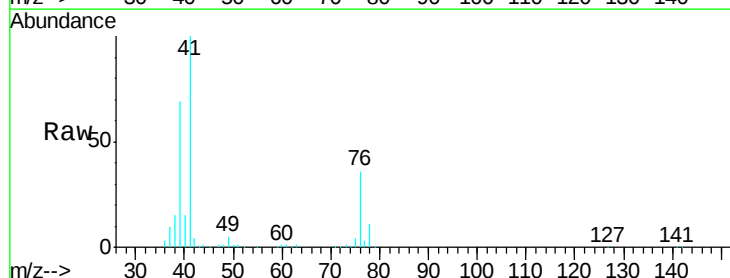
Tgt Ion: 41 Resp: 144846

Ion Ratio Lower Upper

41 100

39 62.2 51.3 76.9

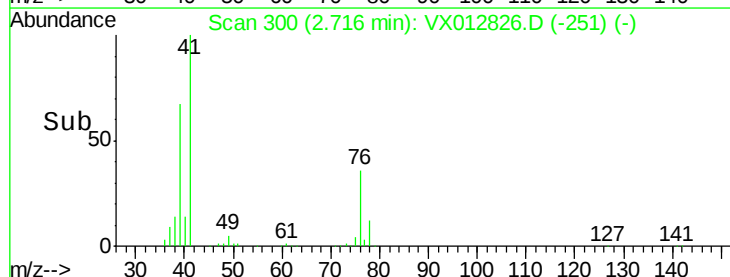
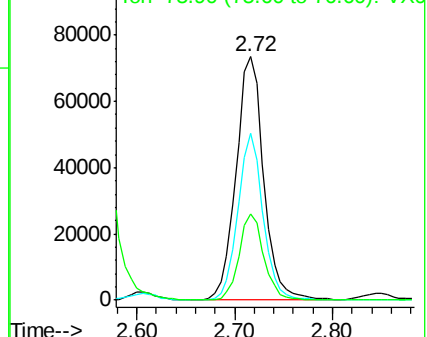
76 31.7 22.6 33.8

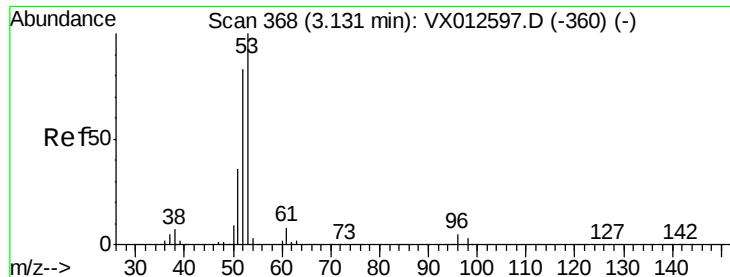


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 249.432 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

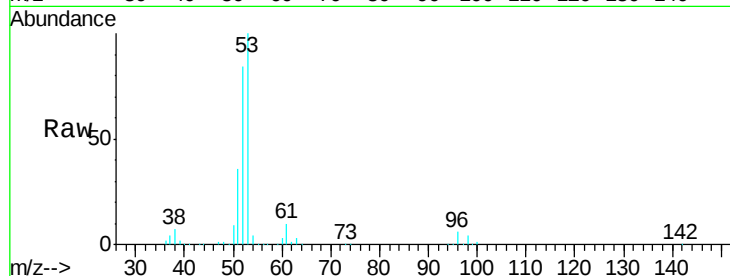
Tgt Ion: 53 Resp: 286475

Ion Ratio Lower Upper

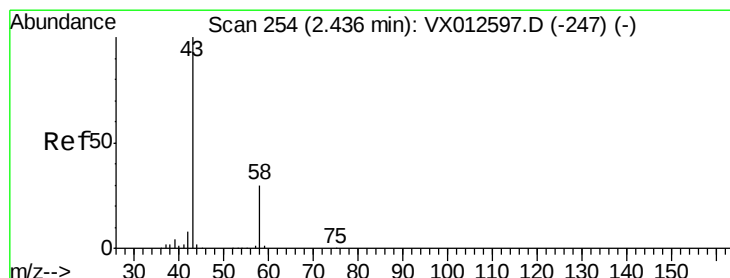
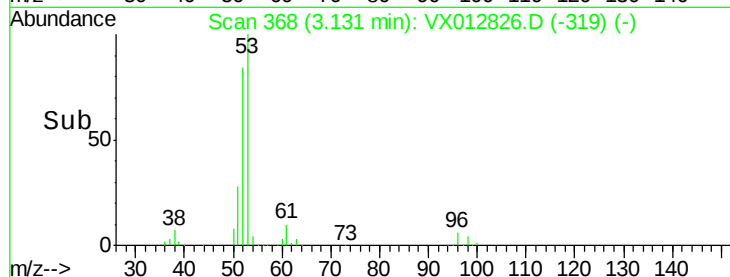
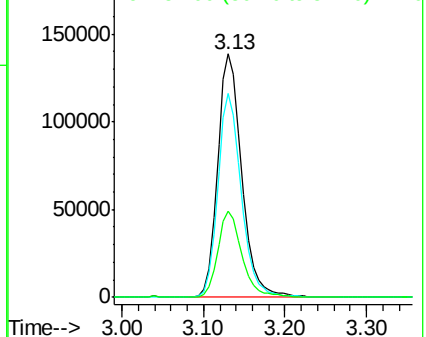
53 100

52 81.6 67.0 100.4

51 35.4 29.6 44.4



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



#16

Acetone

Concen: 212.345 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012826.D

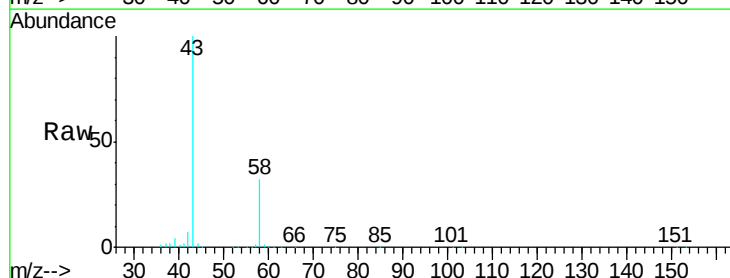
Acq: 04 Oct 2019 20:51

Tgt Ion: 43 Resp: 254888

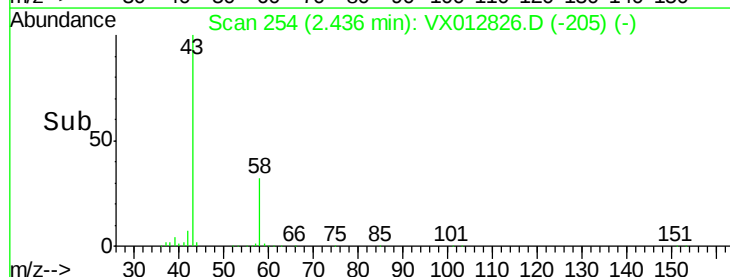
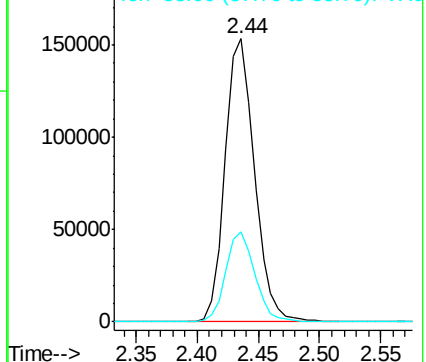
Ion Ratio Lower Upper

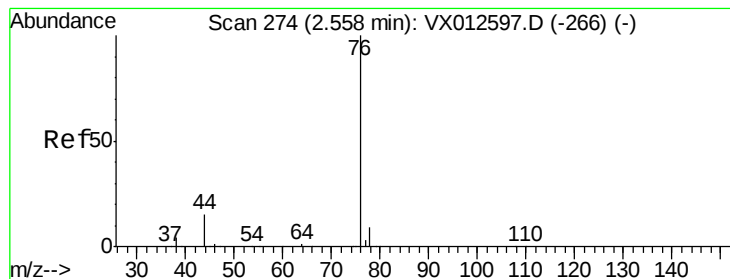
43 100

58 31.7 23.3 34.9



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





#17

Carbon Disulfide

Concen: 45.382 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

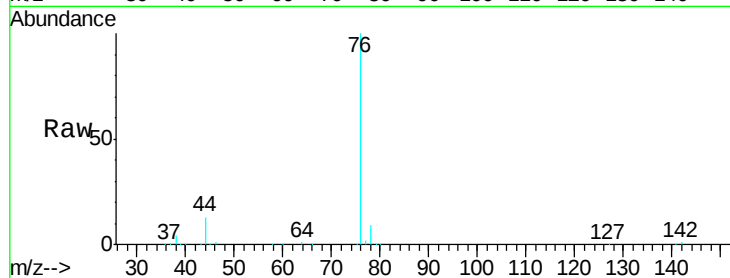
SA-MW127D-20190930MSD

Tgt Ion: 76 Resp: 212878

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

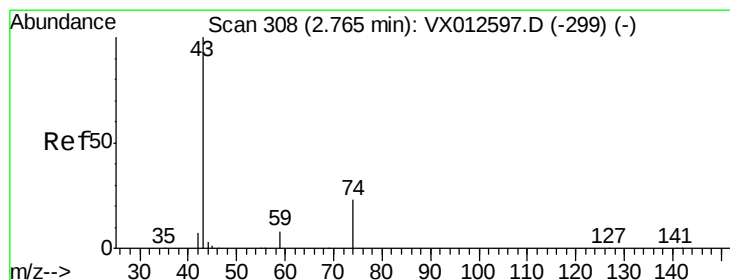
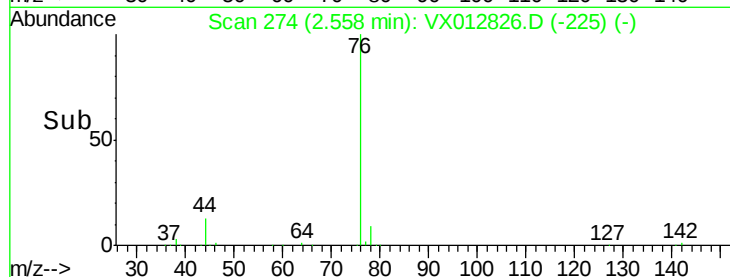
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 38.121 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012826.D

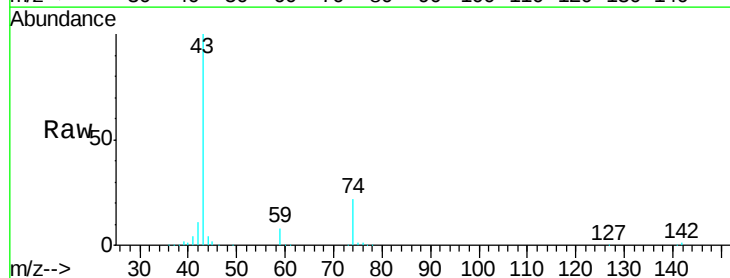
Acq: 04 Oct 2019 20:51

Tgt Ion: 43 Resp: 107746

Ion Ratio Lower Upper

43 100

74 23.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

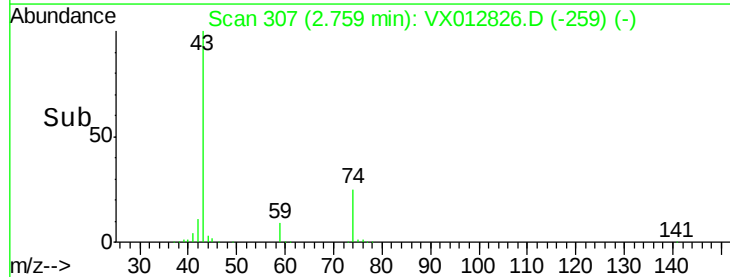
40000

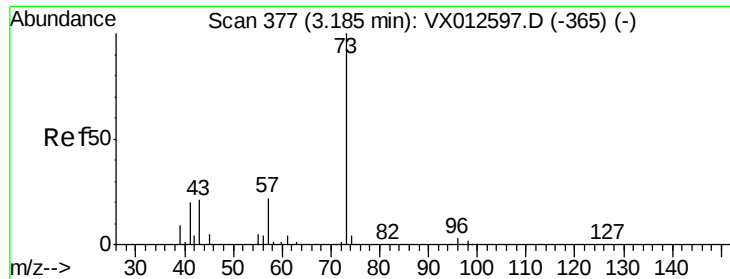
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

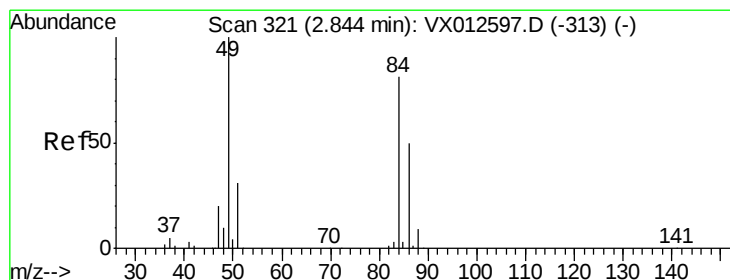
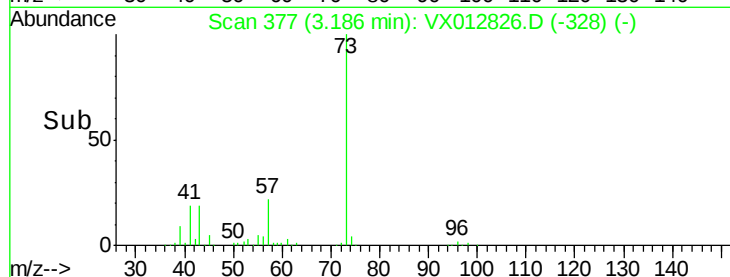
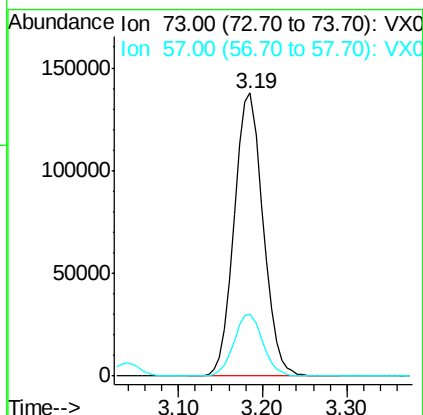
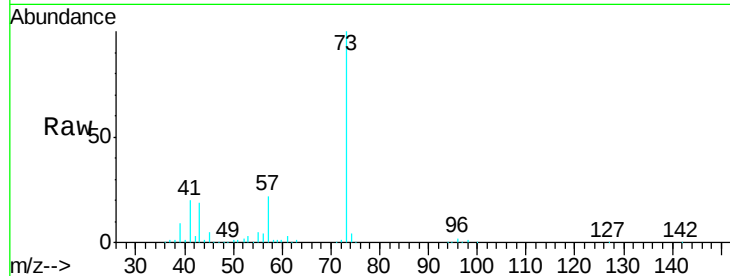




#19
Methyl tert-butyl Ether
Concen: 50.257 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

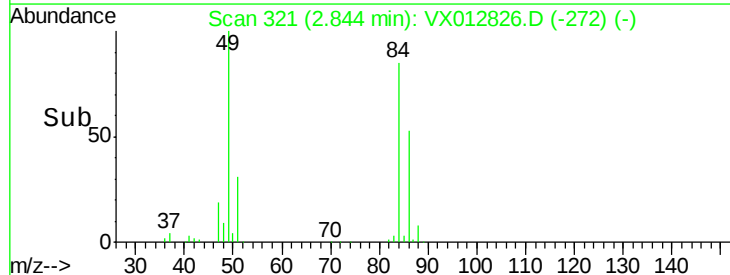
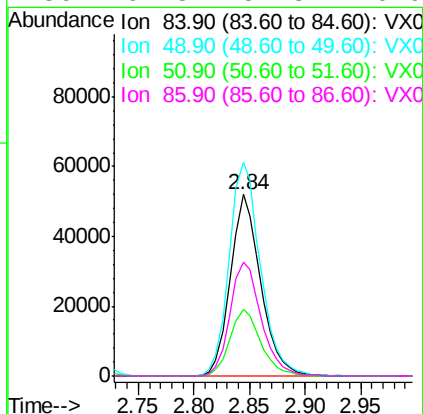
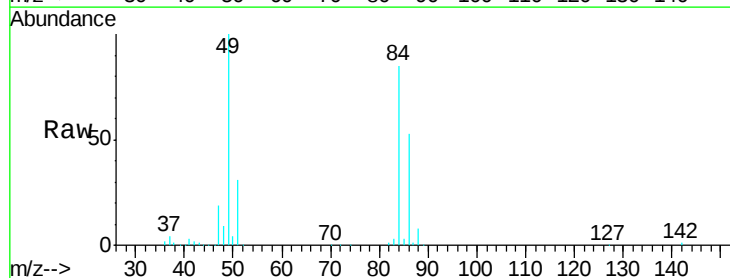
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

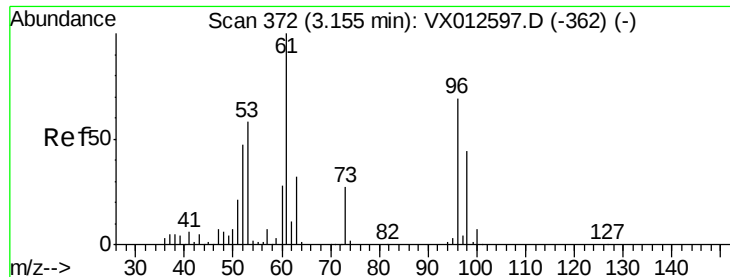
Tgt Ion: 73 Resp: 318291
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 48.289 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 84 Resp: 98037
Ion Ratio Lower Upper
84 100
49 117.6 106.8 160.2
51 36.3 32.3 48.5
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.036 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

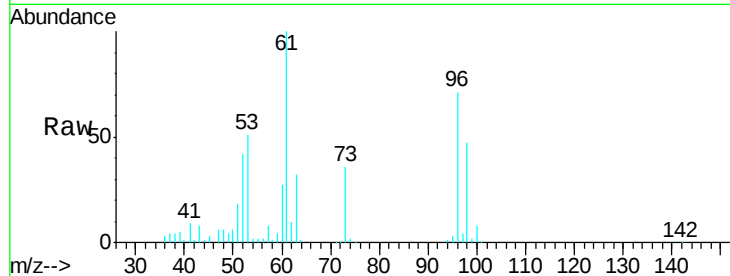
Tgt Ion: 96 Resp: 89045

Ion Ratio Lower Upper

96 100

61 140.7 112.0 168.0

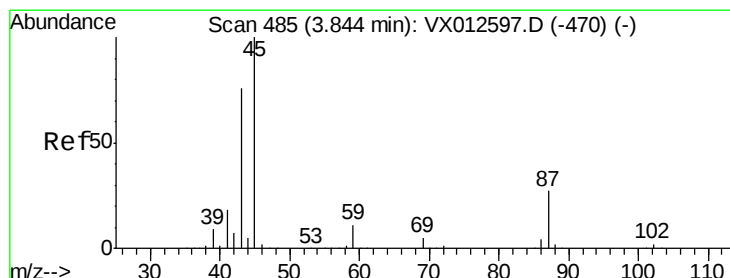
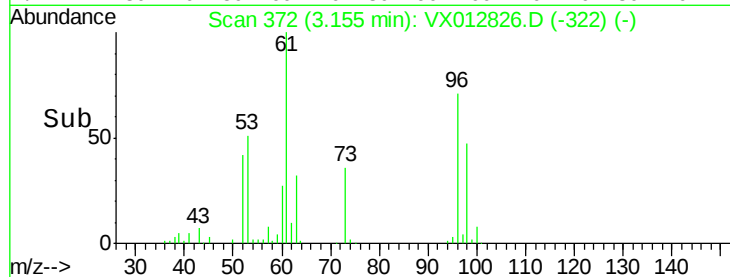
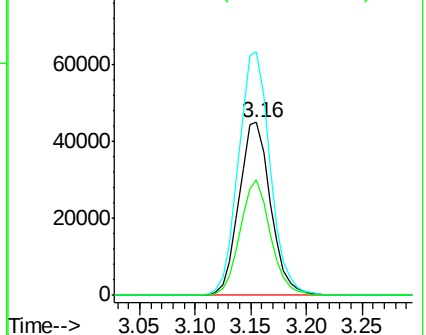
98 66.6 47.8 71.8



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



#22

Diisopropyl ether

Concen: 48.616 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Tgt Ion: 45 Resp: 311851

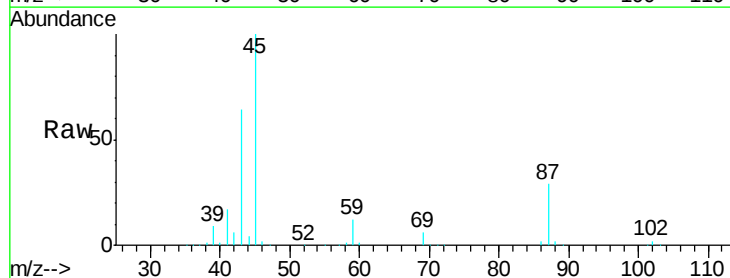
Ion Ratio Lower Upper

45 100

43 64.0 57.8 86.8

87 29.3 21.3 31.9

59 12.1 8.5 12.7

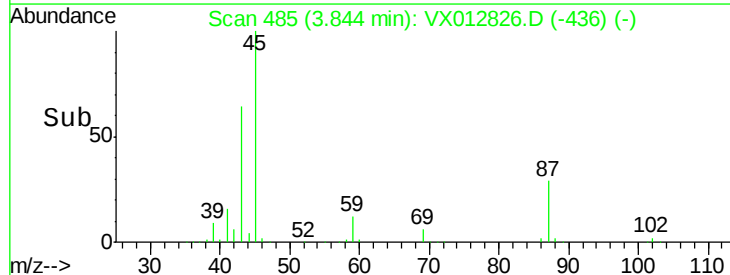
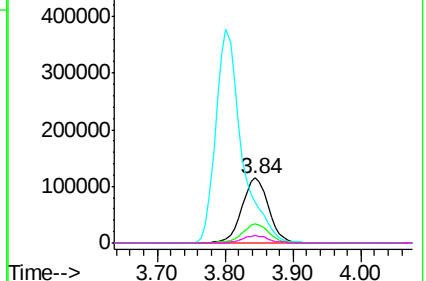


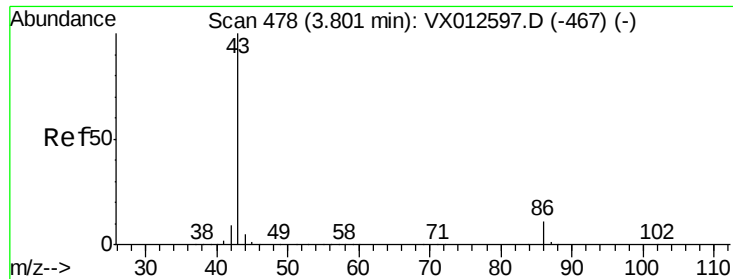
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 178.051 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

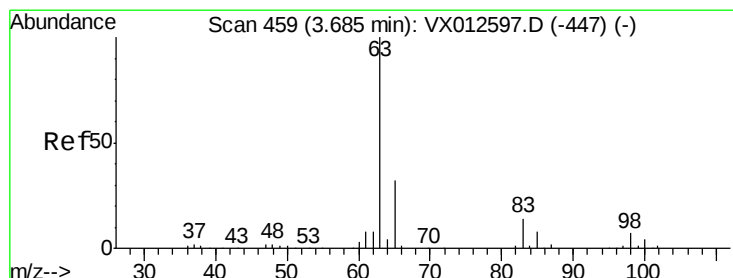
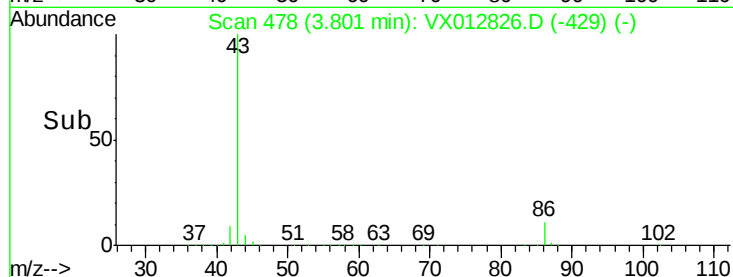
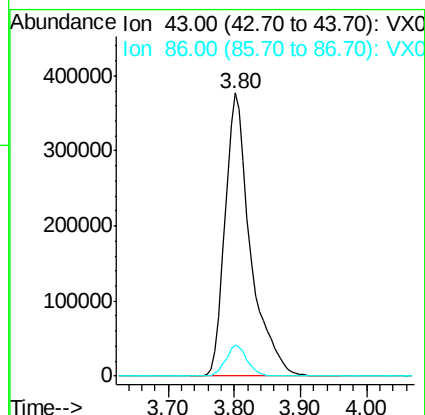
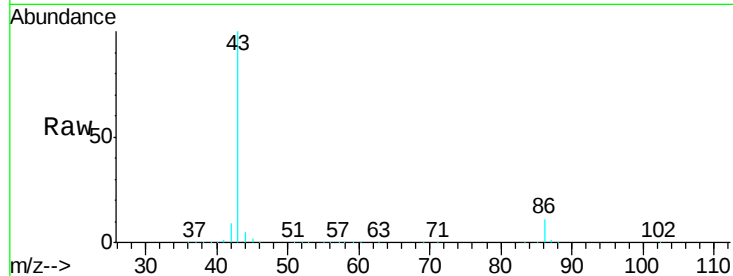
SA-MW127D-20190930MSD

Tgt Ion: 43 Resp: 1001577

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8



#24

1,1-Dichloroethane

Concen: 49.250 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

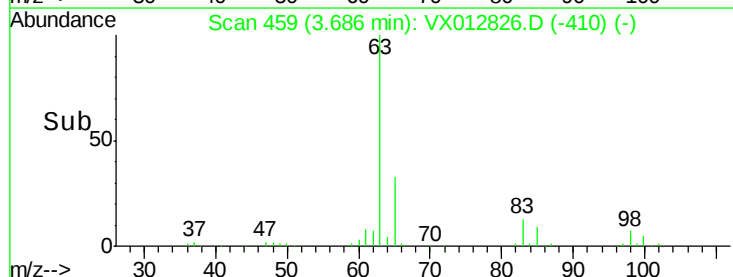
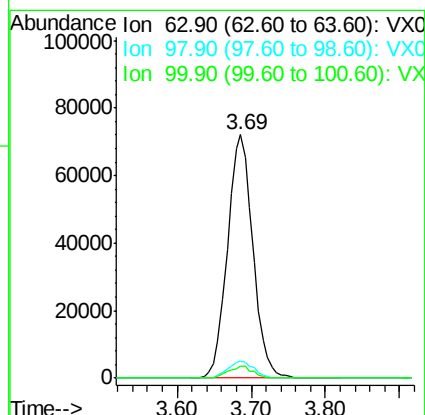
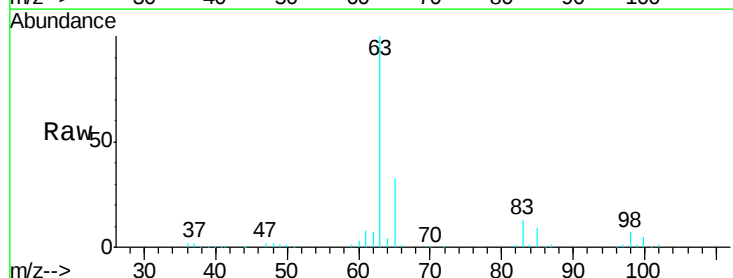
Tgt Ion: 63 Resp: 171724

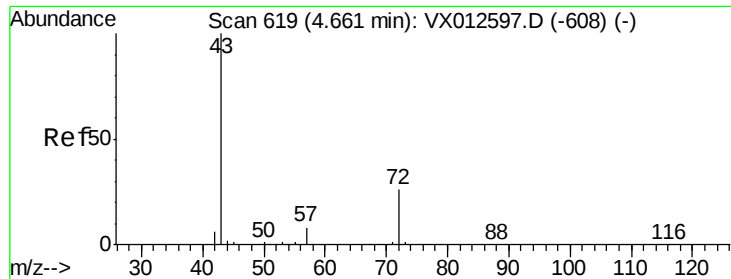
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 229.758 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

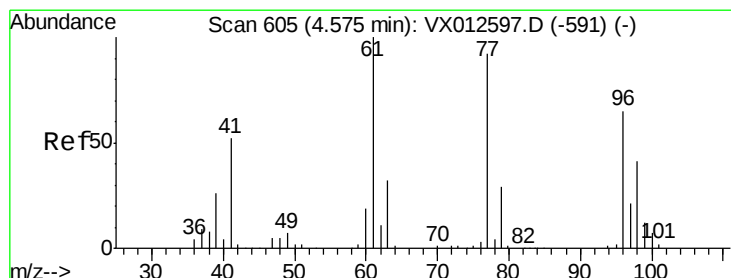
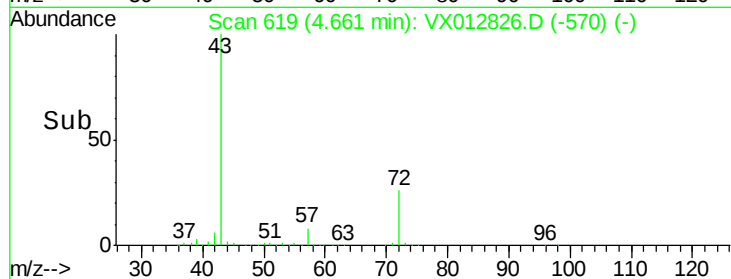
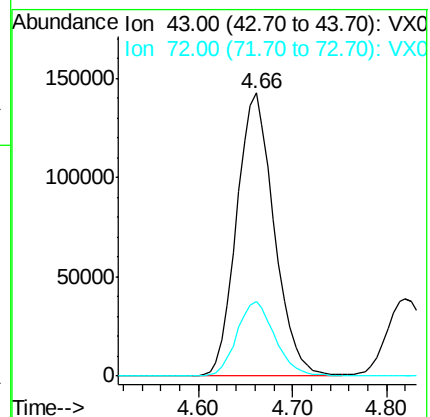
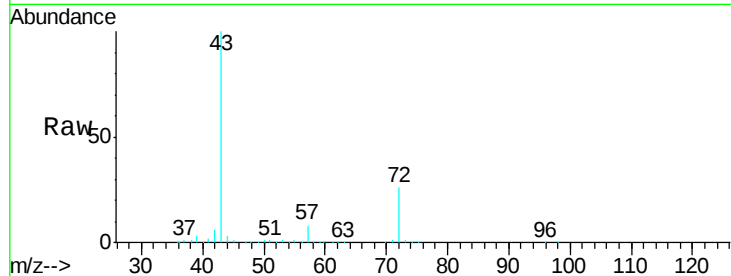
SA-MW127D-20190930MSD

Tgt Ion: 43 Resp: 395442

Ion Ratio Lower Upper

43 100

72 26.1 19.2 28.8



#26

2,2-Dichloropropane

Concen: 21.055 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012826.D

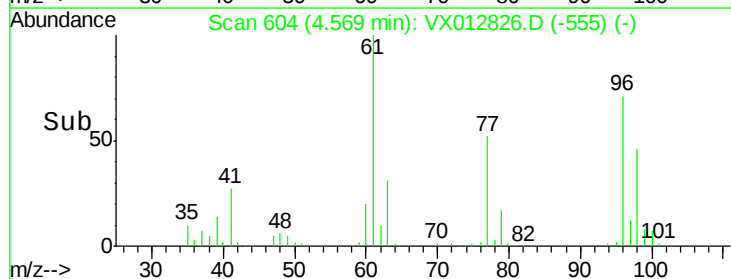
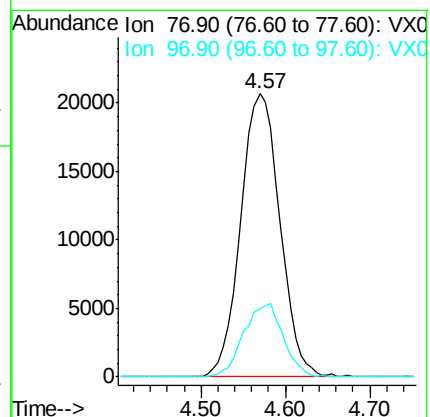
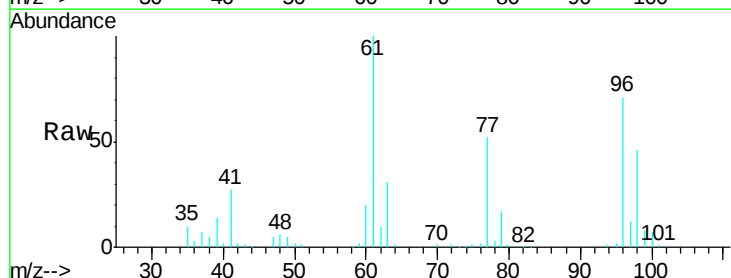
Acq: 04 Oct 2019 20:51

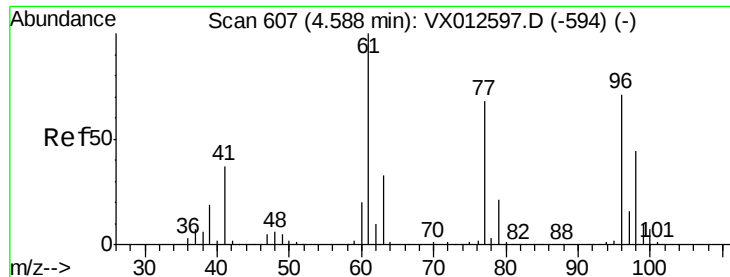
Tgt Ion: 77 Resp: 65293

Ion Ratio Lower Upper

77 100

97 26.2 10.5 31.6



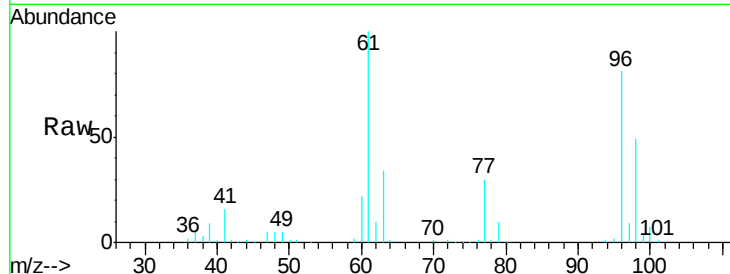


#27

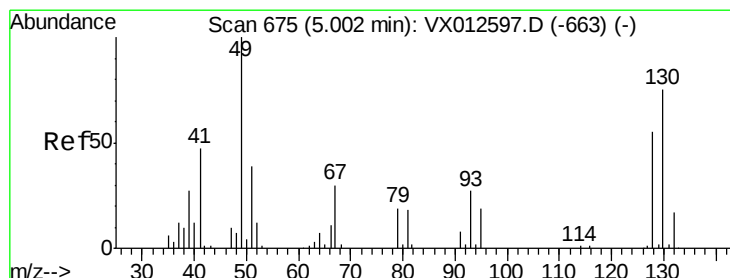
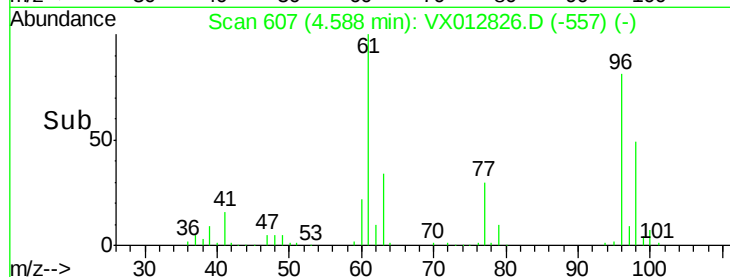
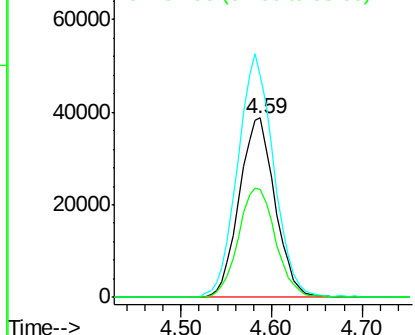
cis-1,2-Dichloroethene
Concen: 49.397 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tgt Ion: 96 Resp: 106246
Ion Ratio Lower Upper
96 100
61 136.1 0.0 319.4
98 63.3 0.0 130.6



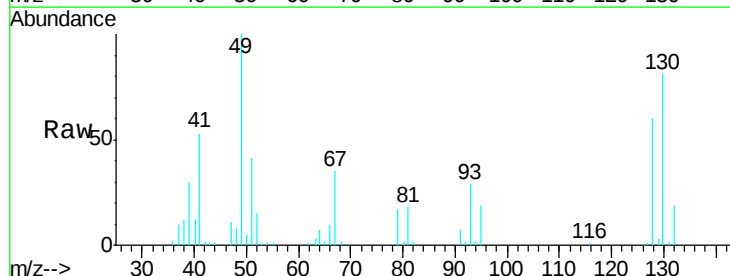
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



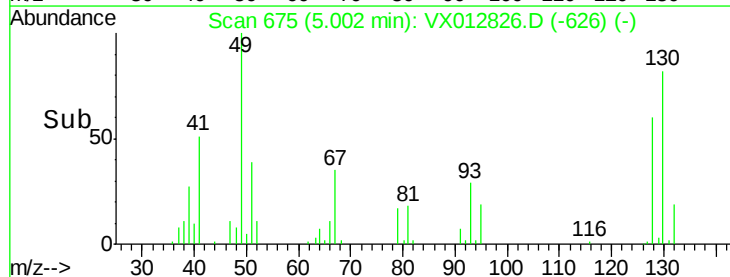
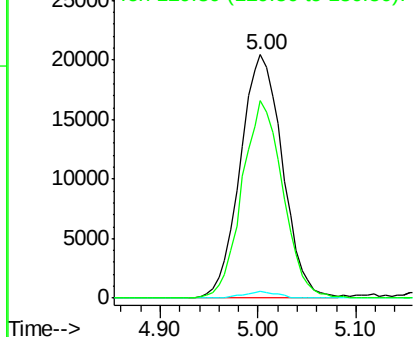
#28

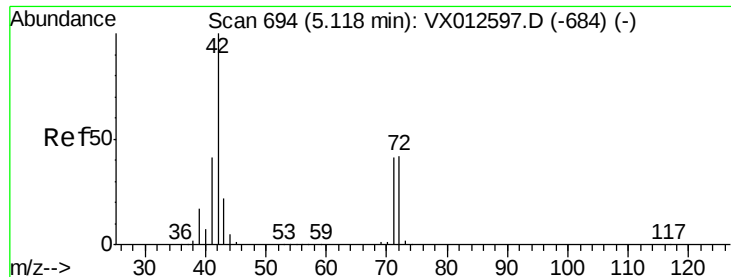
Bromochloromethane
Concen: 48.516 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 49 Resp: 61424
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 78.3 58.2 87.4



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

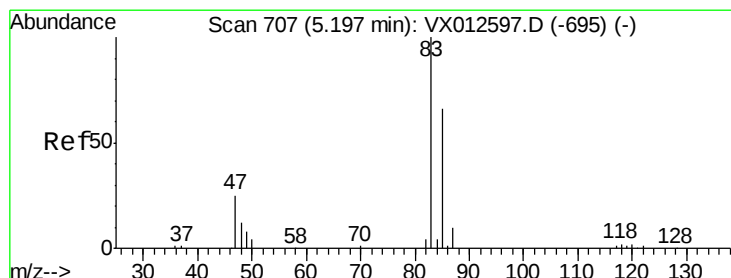
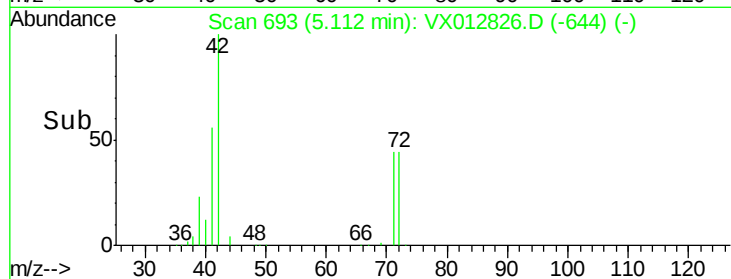
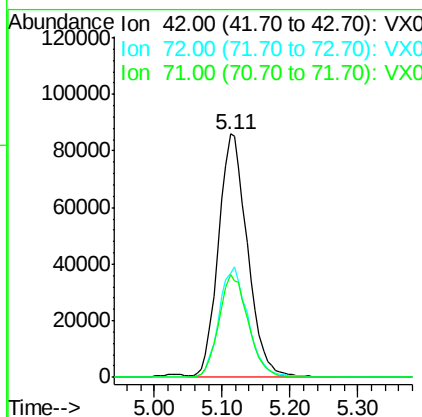
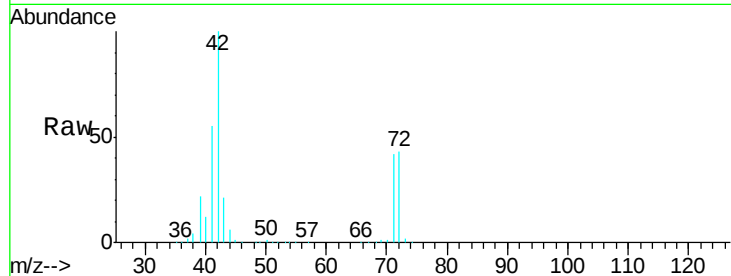




#29
Tetrahydrofuran
Concen: 241.878 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

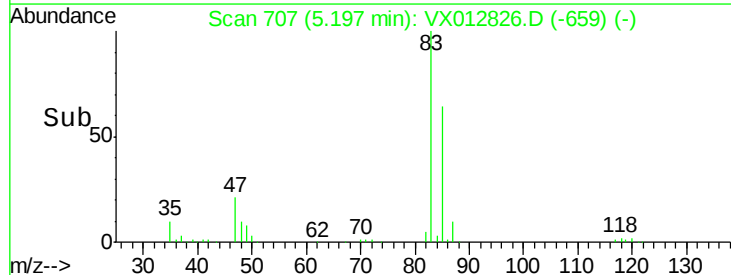
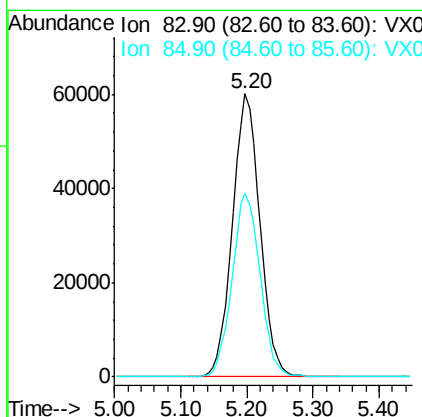
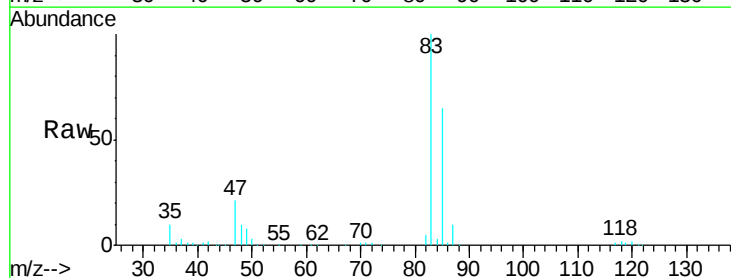
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

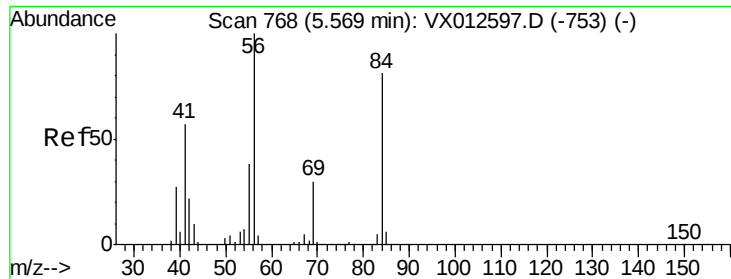
Tgt Ion: 42 Resp: 253737
Ion Ratio Lower Upper
42 100
72 45.7 34.0 51.0
71 42.5 31.5 47.3



#30
Chloroform
Concen: 48.551 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 83 Resp: 173194
Ion Ratio Lower Upper
83 100
85 64.7 53.0 79.4

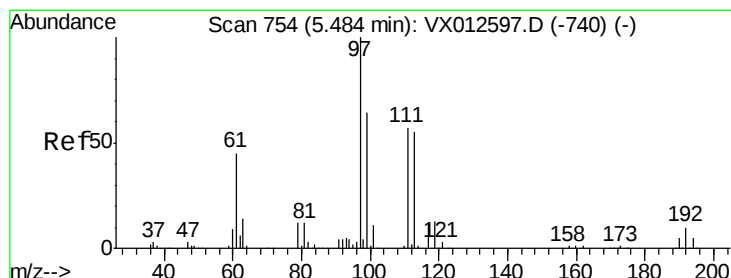
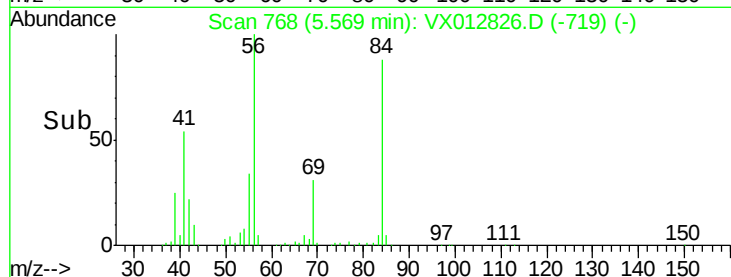
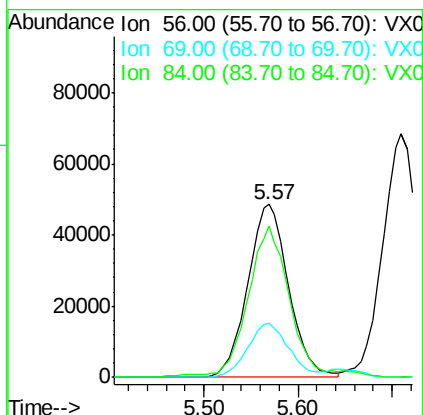
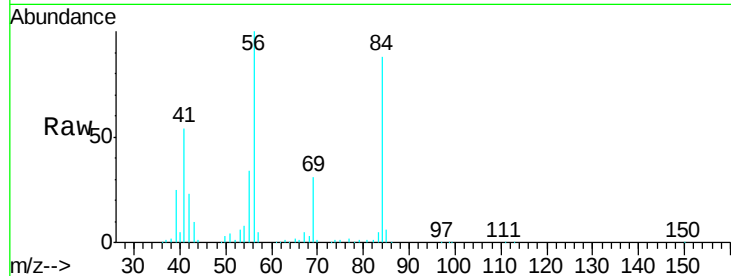




#31
Cyclohexane
Concen: 46.722 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

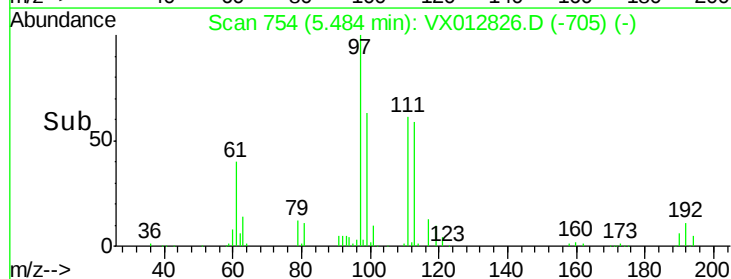
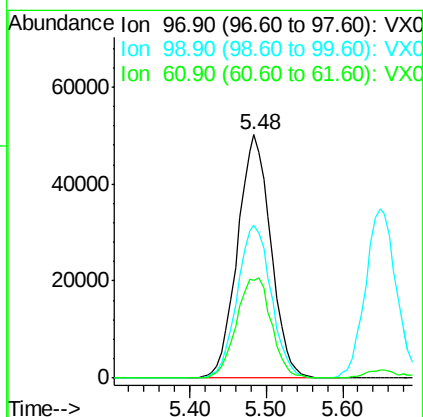
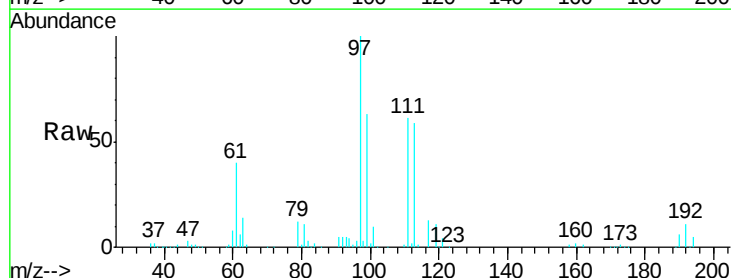
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

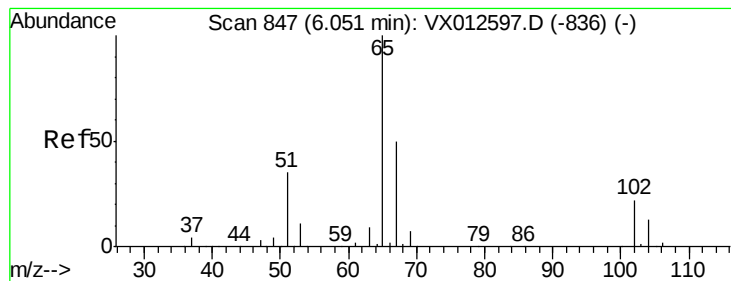
Tgt Ion: 56 Resp: 147380
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 85.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.863 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 97 Resp: 151322
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 43.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.423 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

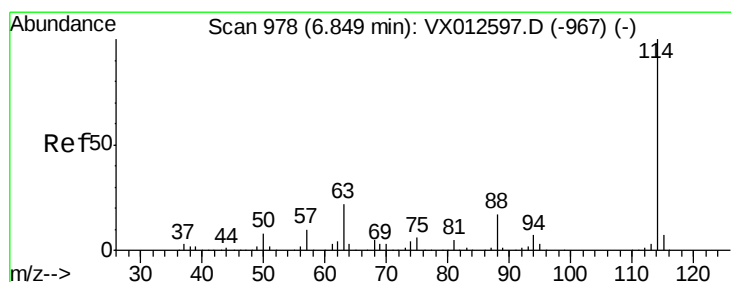
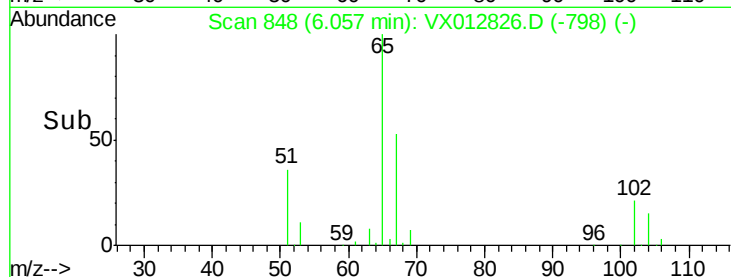
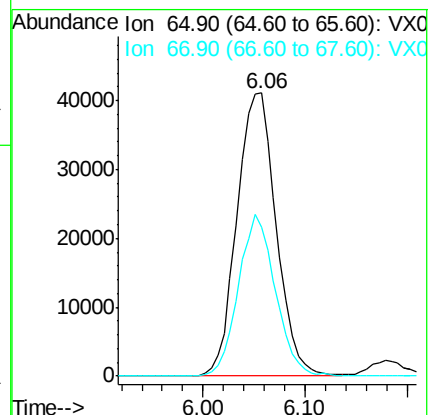
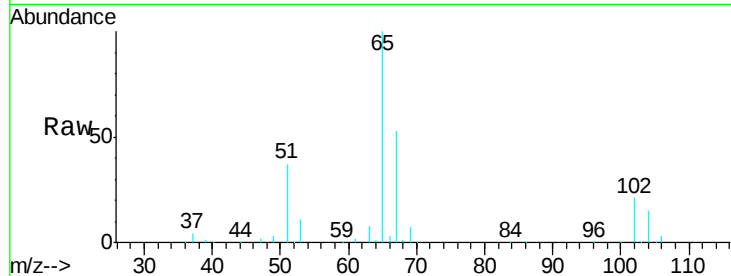
SA-MW127D-20190930MSD

Tgt Ion: 65 Resp: 109735

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

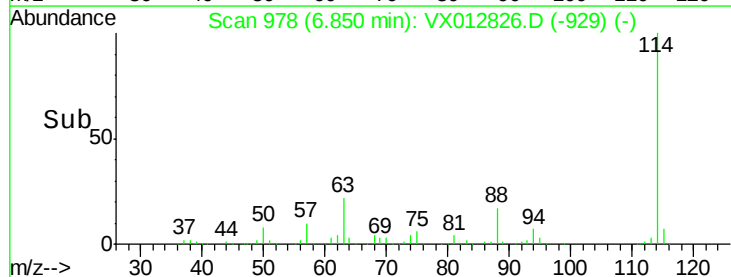
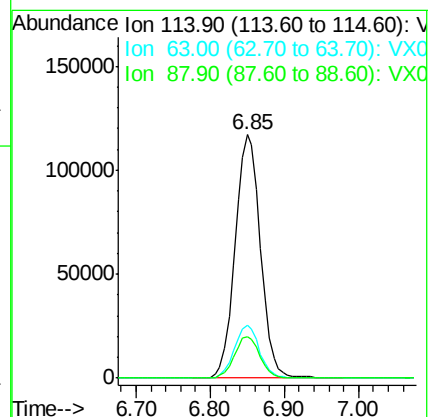
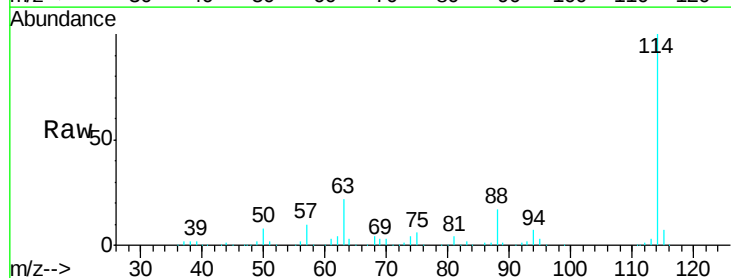
Tgt Ion: 114 Resp: 278767

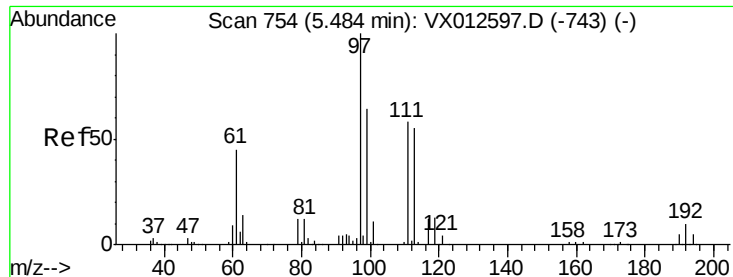
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 17.2 0.0 33.2

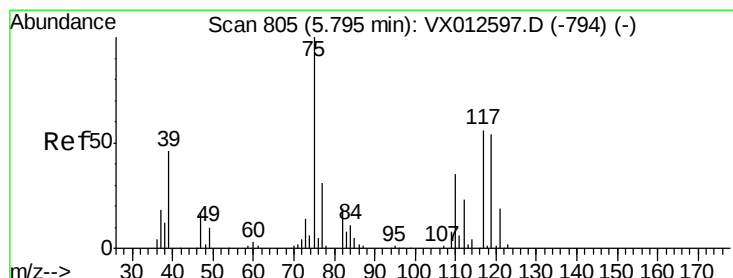
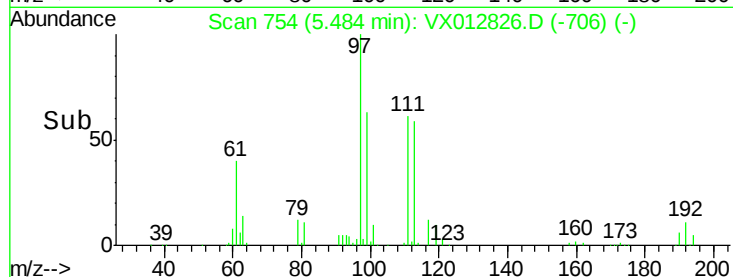
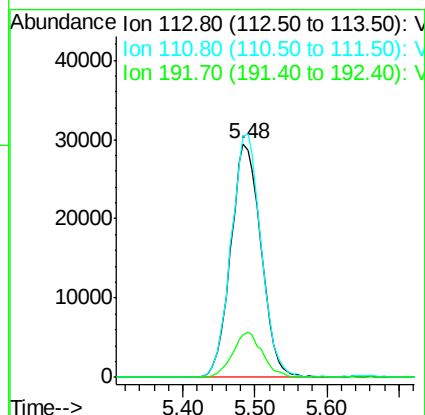
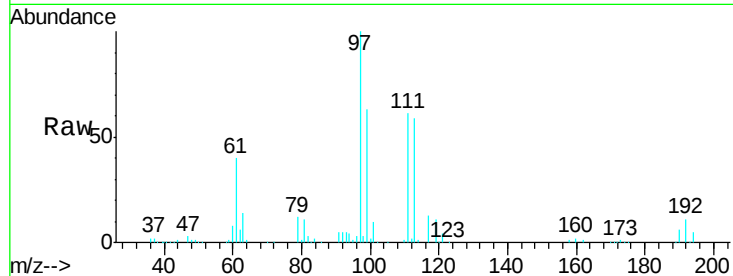




#35
 Dibromofluoromethane
 Concen: 51.971 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

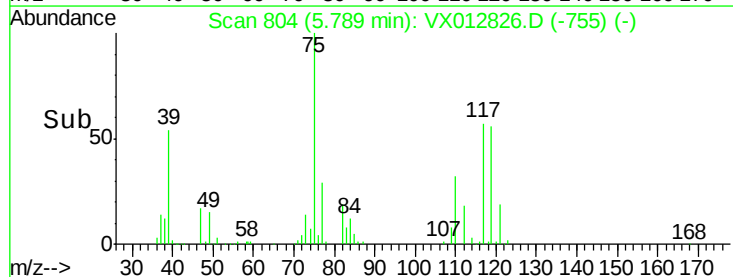
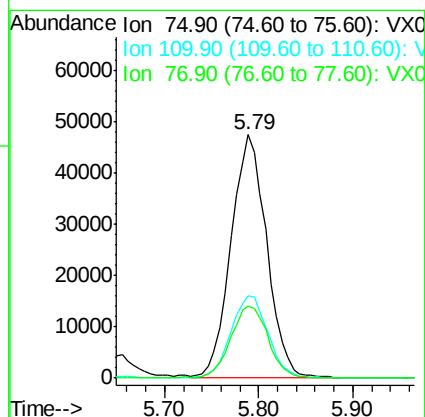
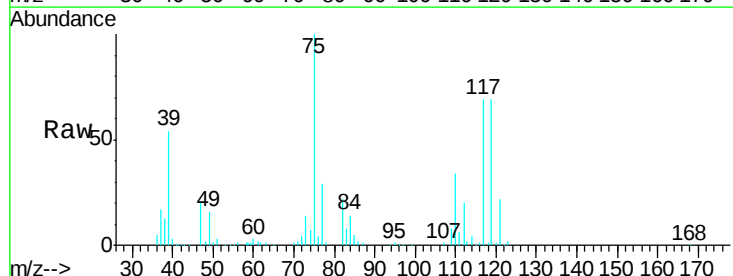
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

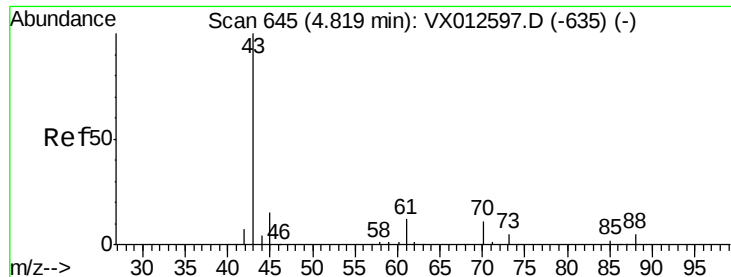
Tgt Ion: 113 Resp: 86281
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 18.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 46.384 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 75 Resp: 124634
 Ion Ratio Lower Upper
 75 100
 110 35.4 16.7 50.0
 77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 37.468 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

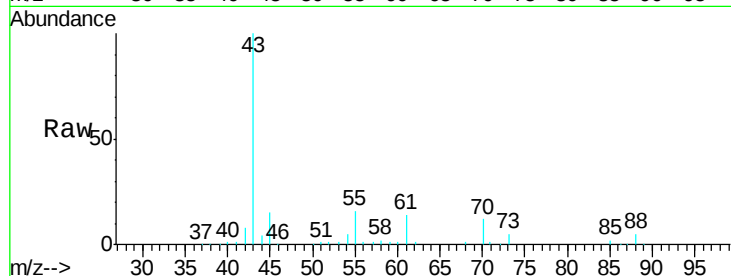
Tgt Ion: 43 Resp: 117703

Ion Ratio Lower Upper

43 100

61 13.3 10.2 15.4

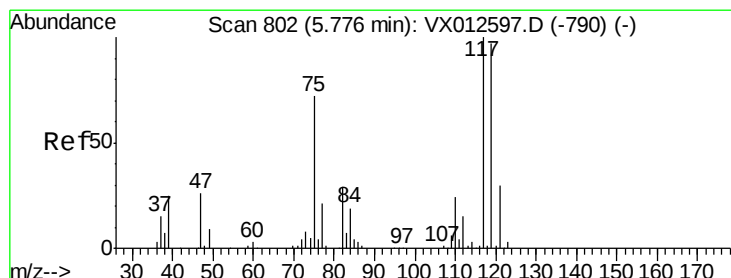
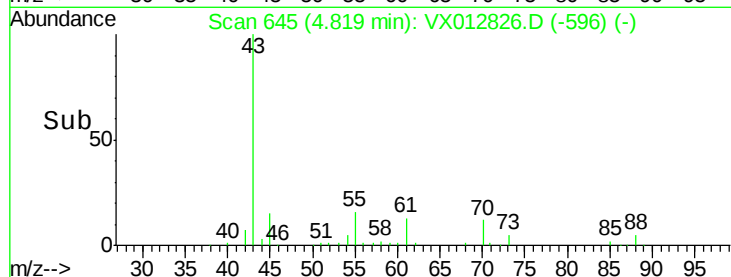
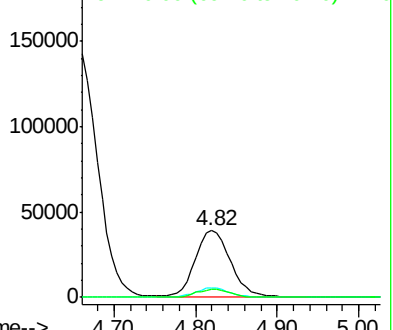
70 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.807 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

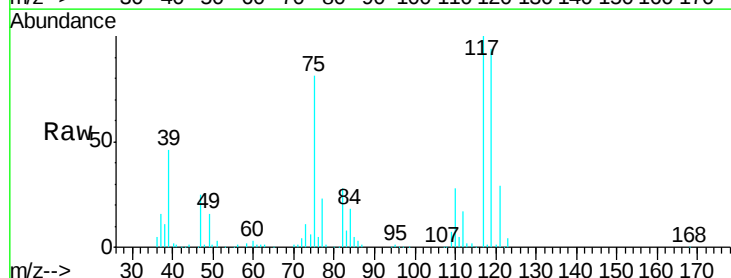
Tgt Ion: 117 Resp: 127762

Ion Ratio Lower Upper

117 100

119 94.2 75.7 113.5

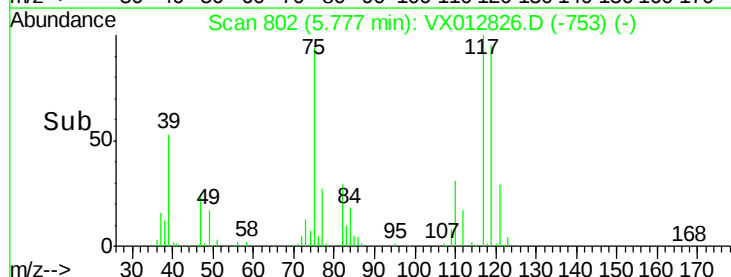
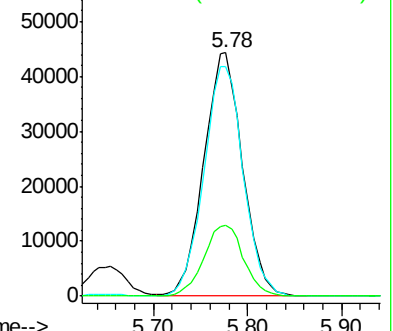
121 29.0 24.2 36.4

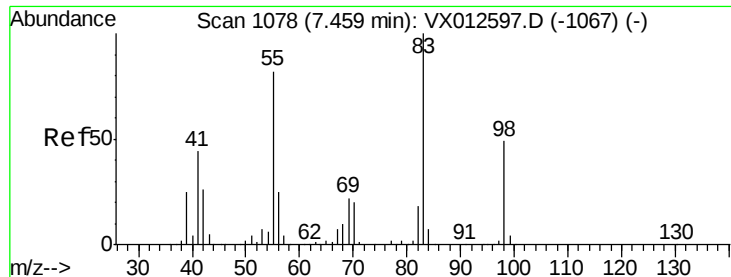


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

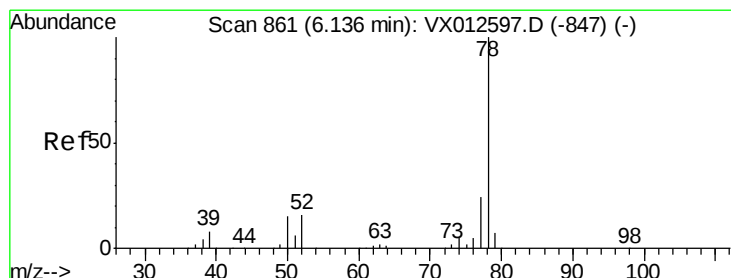
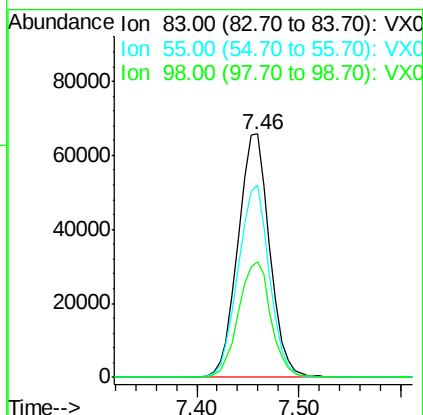
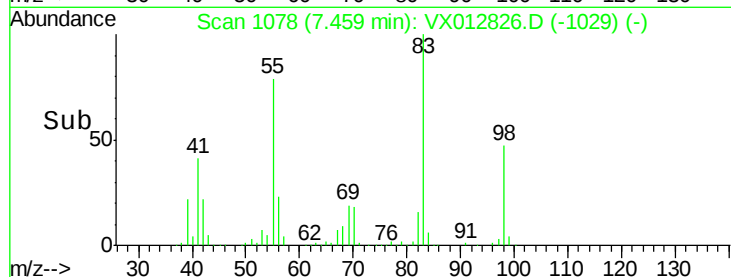
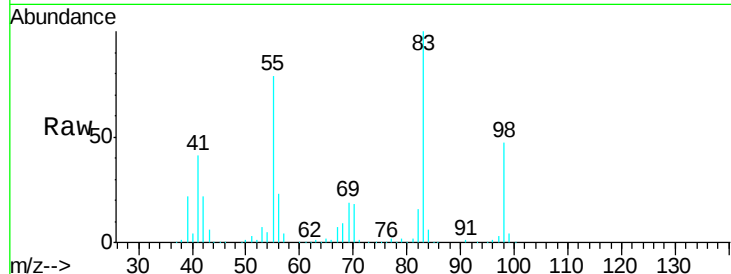




#39
Methylcyclohexane
Concen: 43.855 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

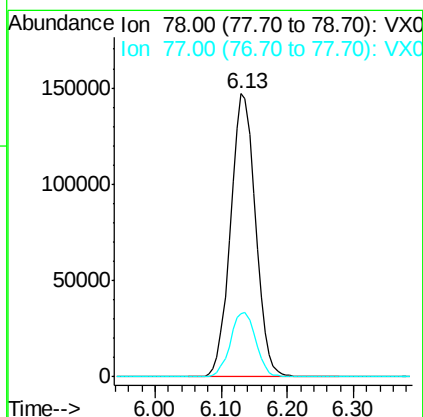
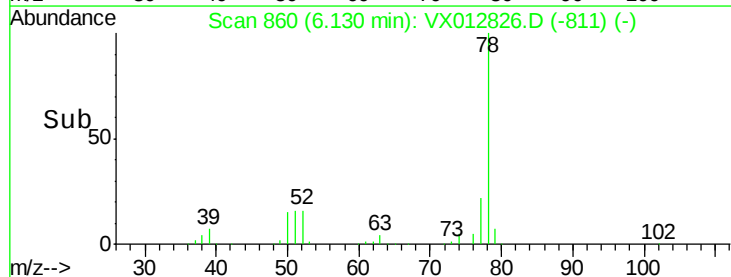
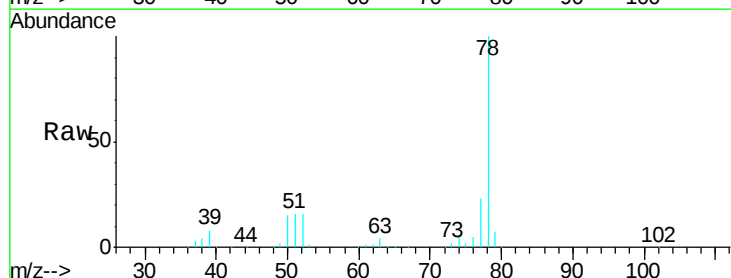
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

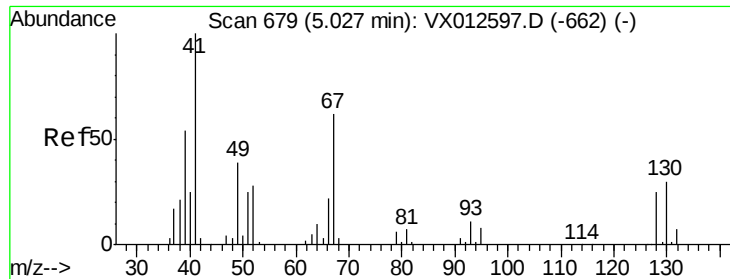
Tgt Ion: 83 Resp: 141863
Ion Ratio Lower Upper
83 100
55 79.1 64.4 96.6
98 47.4 40.1 60.1



#40
Benzene
Concen: 48.722 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 78 Resp: 385197
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8





#41

Methacrylonitrile

Concen: 46.909 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tgt Ion: 41 Resp: 82679

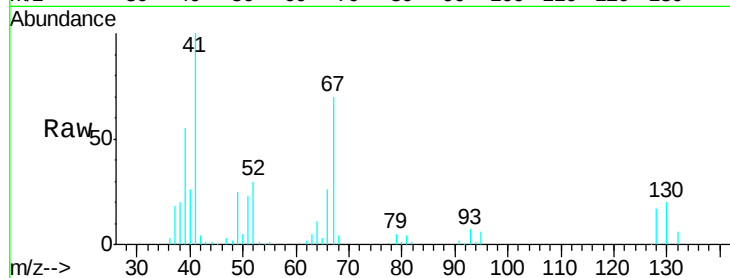
Ion Ratio Lower Upper

41 100

39 55.5 46.0 69.0

67 72.4 52.2 78.2

52 30.5 22.7 34.1

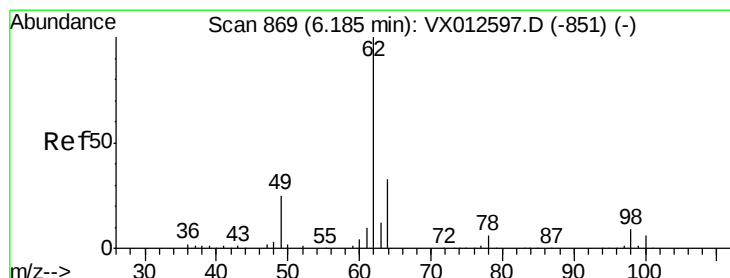
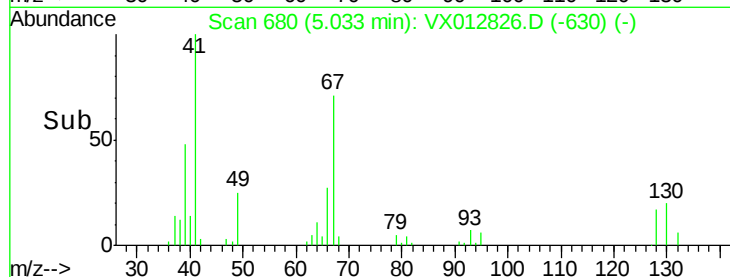
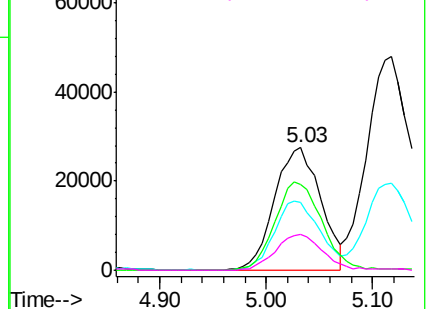


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.220 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012826.D

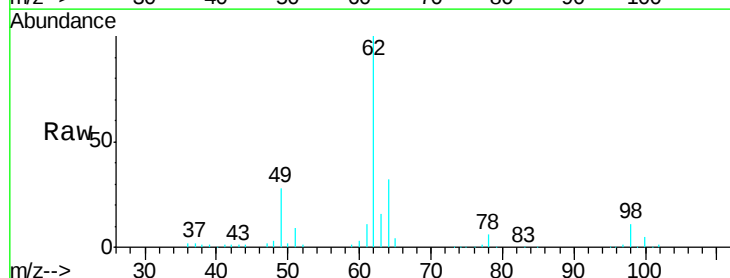
Acq: 04 Oct 2019 20:51

Tgt Ion: 62 Resp: 141765

Ion Ratio Lower Upper

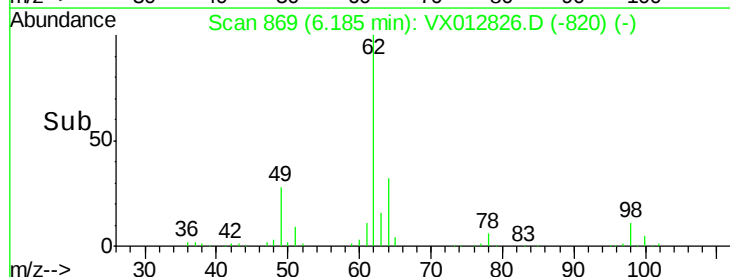
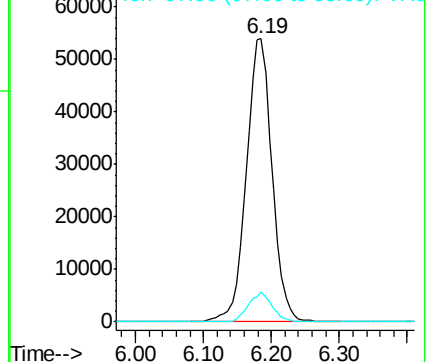
62 100

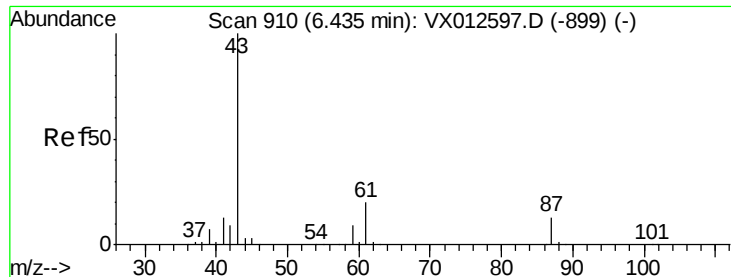
98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 40.310 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

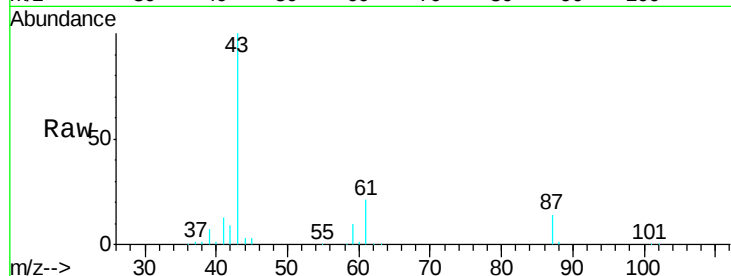
Tgt Ion: 43 Resp: 211763

Ion Ratio Lower Upper

43 100

61 20.6 15.4 23.0

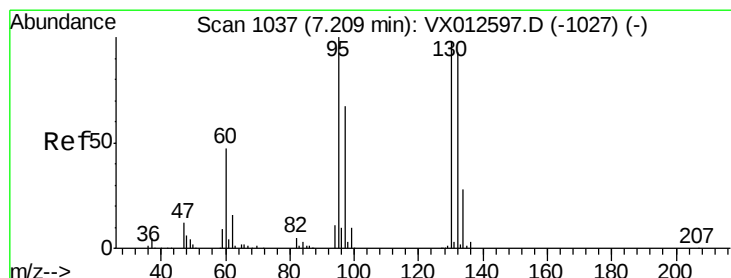
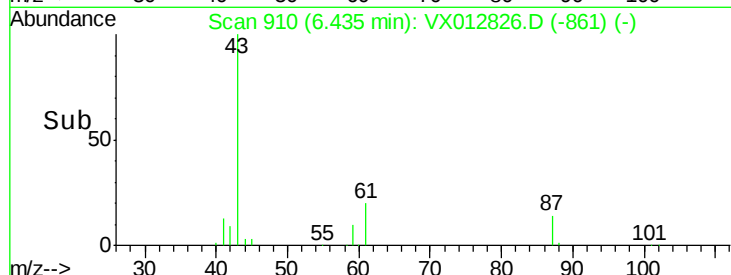
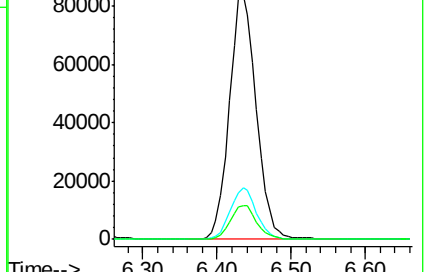
87 13.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012597.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012597.D (-899) (-)



#44

Trichloroethene

Concen: 49.565 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012826.D

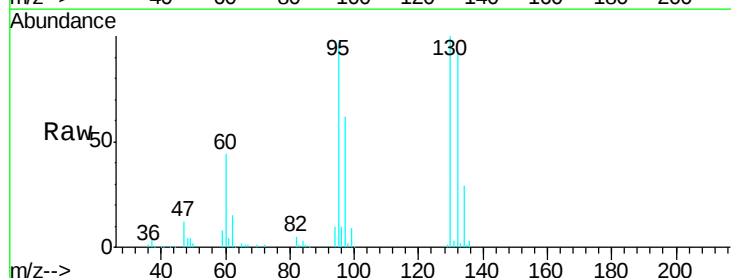
Acq: 04 Oct 2019 20:51

Tgt Ion: 130 Resp: 100176

Ion Ratio Lower Upper

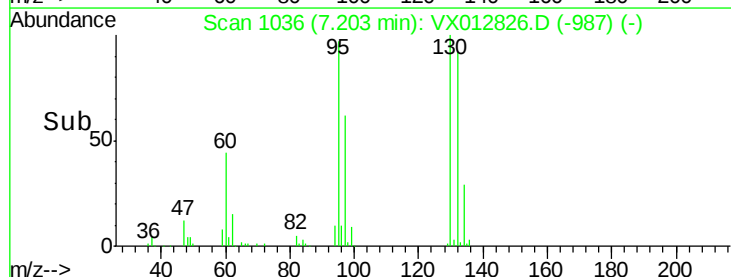
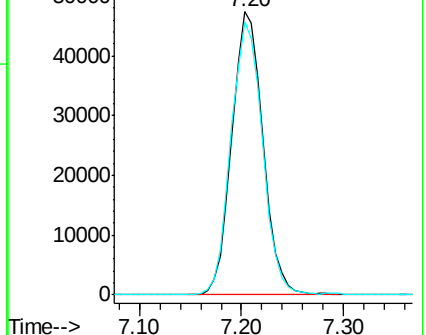
130 100

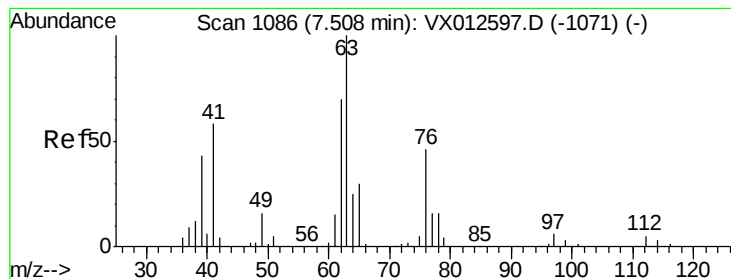
95 96.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VX012597.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012597.D (-1027) (-)





#45

1,2-Dichloropropane

Concen: 49.912 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

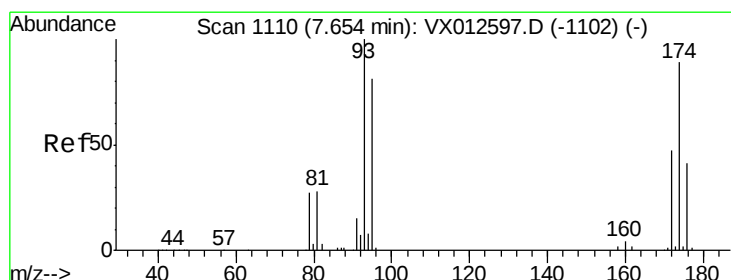
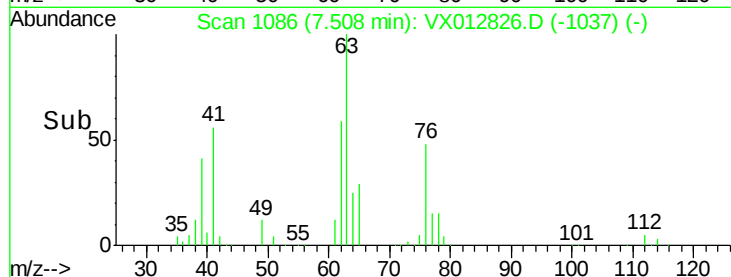
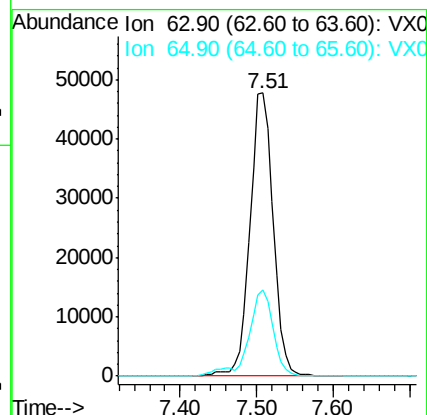
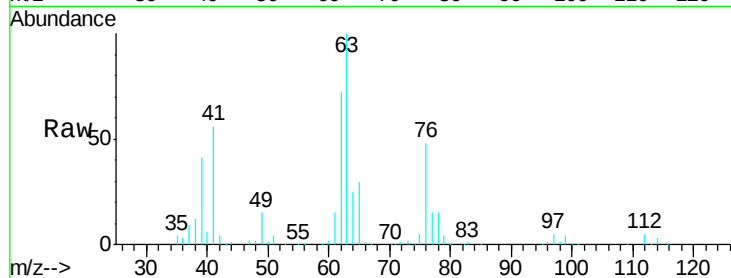
SA-MW127D-20190930MSD

Tgt Ion: 63 Resp: 101027

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6



#46

Dibromomethane

Concen: 48.776 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

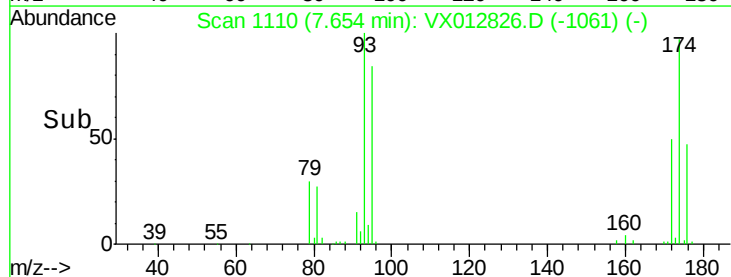
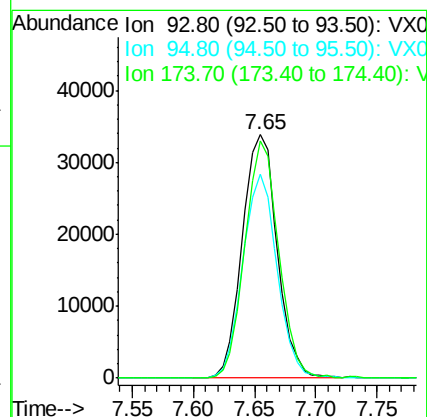
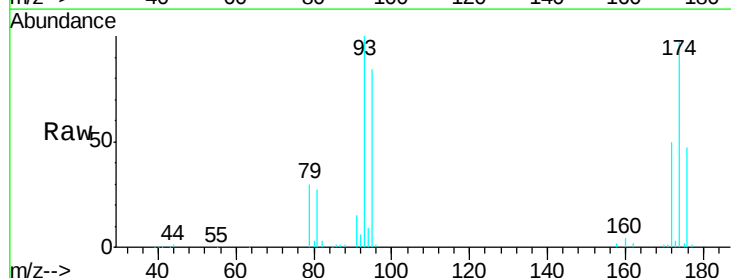
Tgt Ion: 93 Resp: 67220

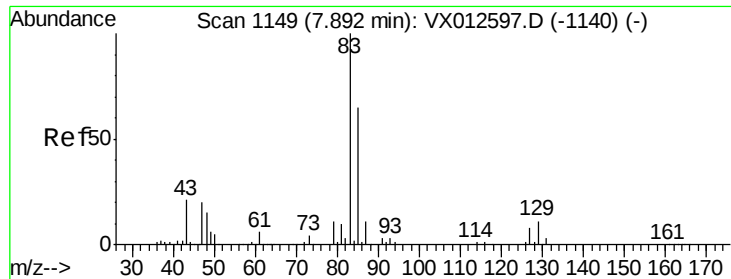
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 94.4 77.4 116.0

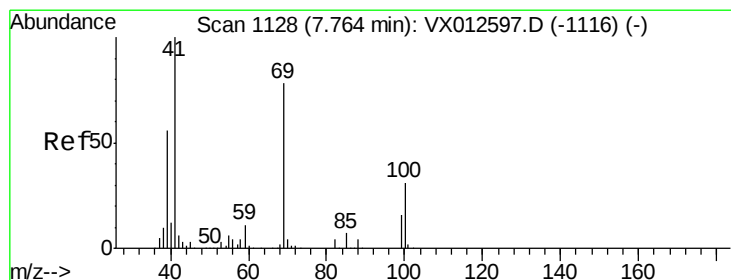
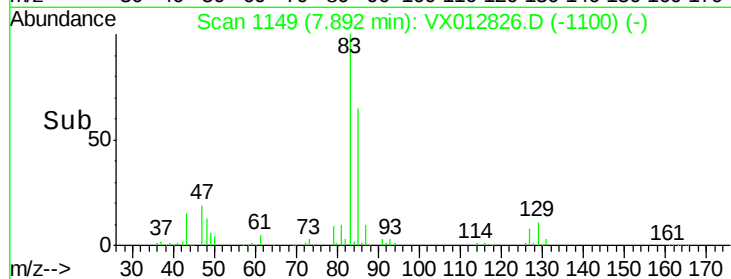
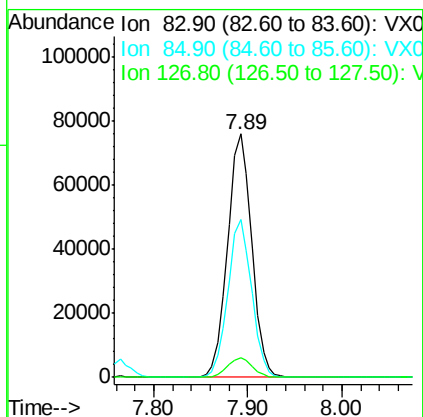
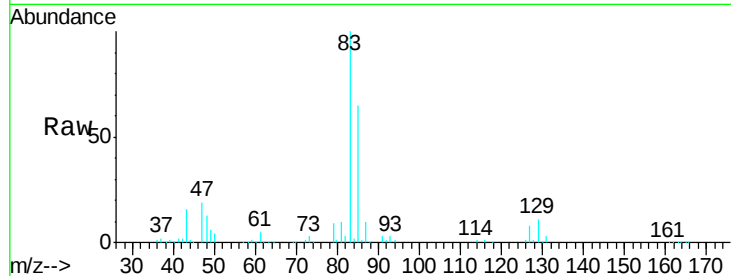




#47
 Bromodichloromethane
 Concen: 49.178 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

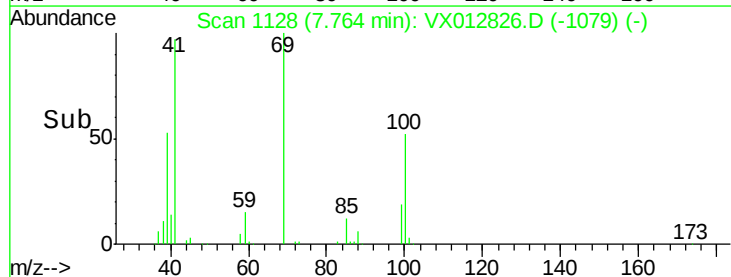
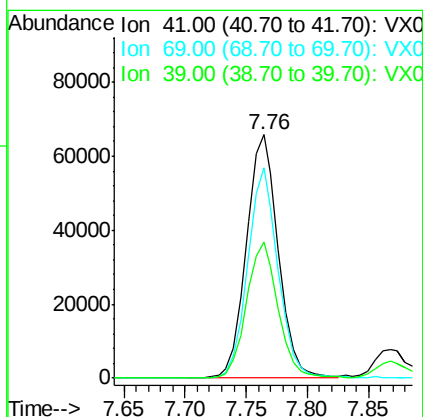
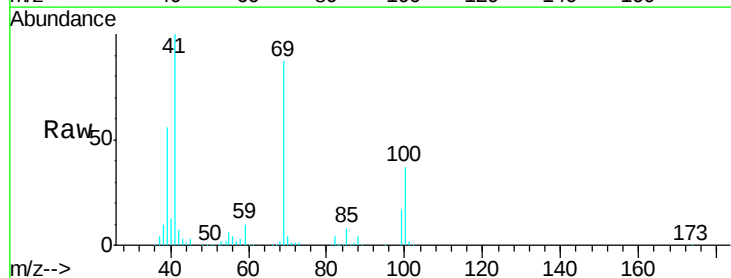
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

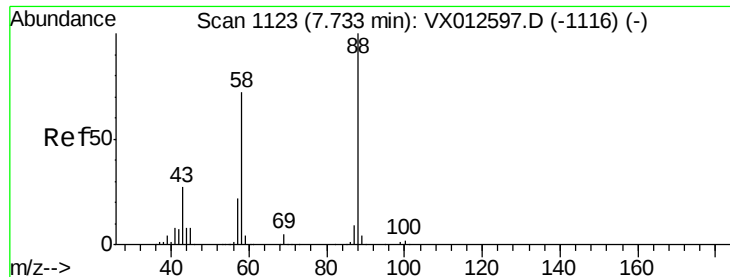
Tgt Ion: 83 Resp: 135452
 Ion Ratio Lower Upper
 83 100
 85 64.7 51.8 77.6
 127 7.8 7.3 10.9



#48
 Methyl methacrylate
 Concen: 47.155 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 41 Resp: 118784
 Ion Ratio Lower Upper
 41 100
 69 83.6 59.9 89.9
 39 55.7 47.8 71.6

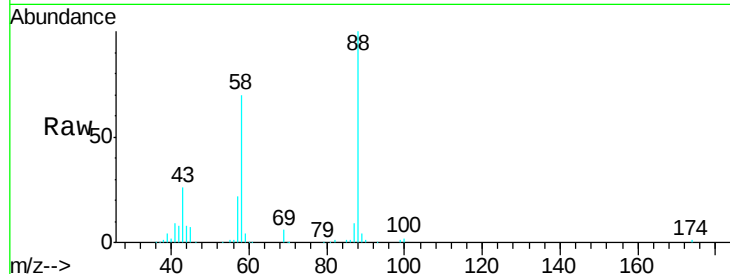




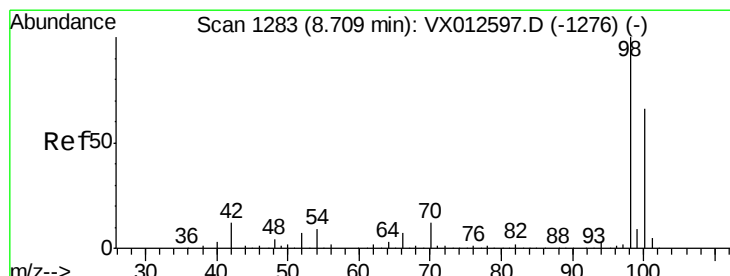
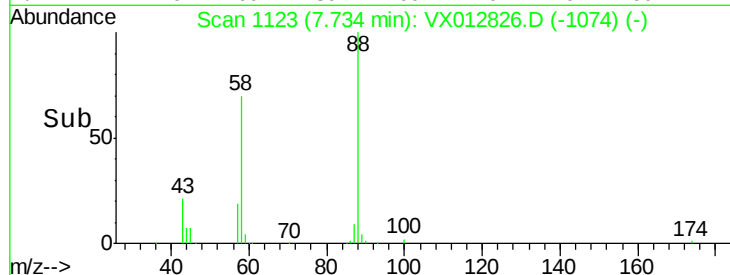
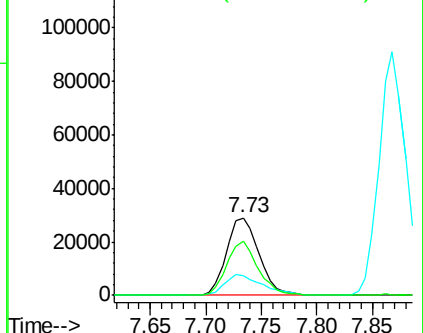
#49
 1,4-Dioxane
 Concen: 1025.047 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.2	29.4	44.0
58	68.1	57.5	86.3

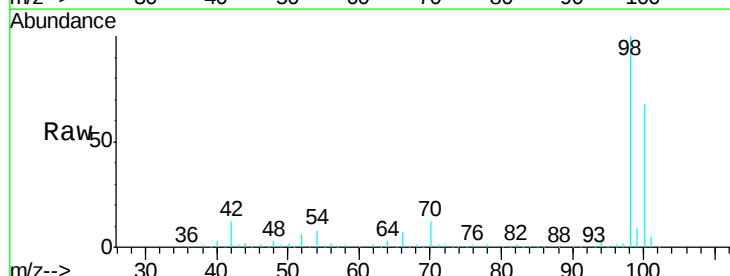


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

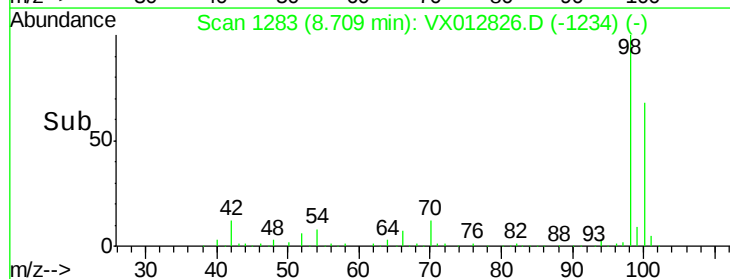
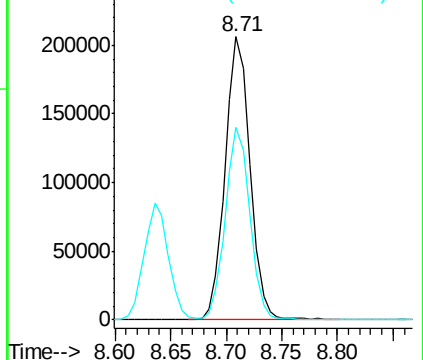


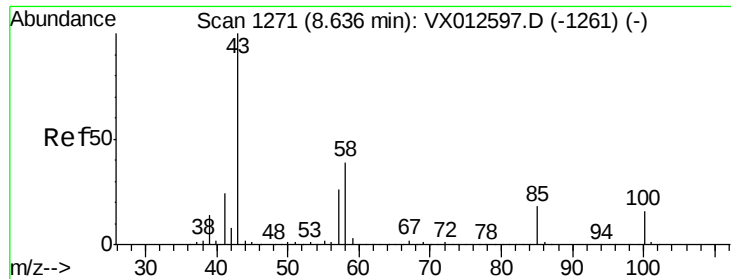
#50
 Toluene-d8
 Concen: 50.028 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2



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

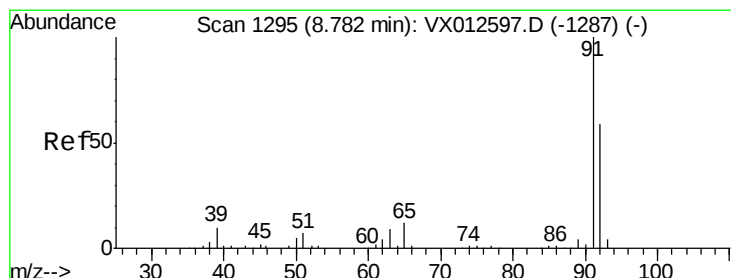
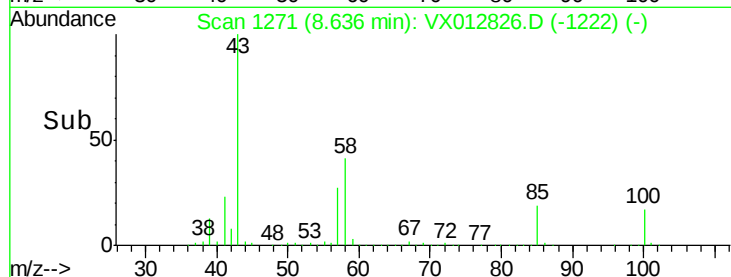
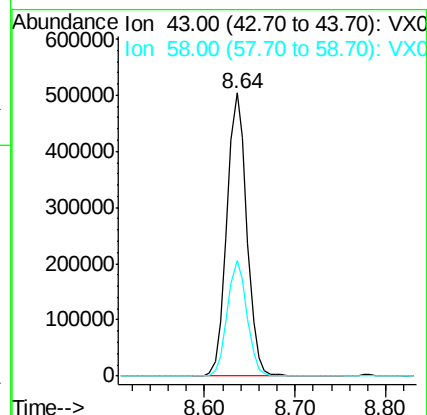
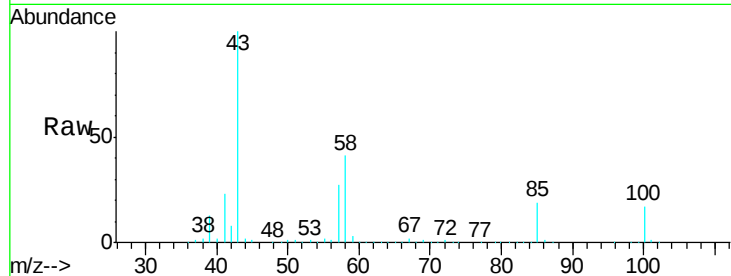




#51
4-Methyl-2-Pentanone
Concen: 238.468 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

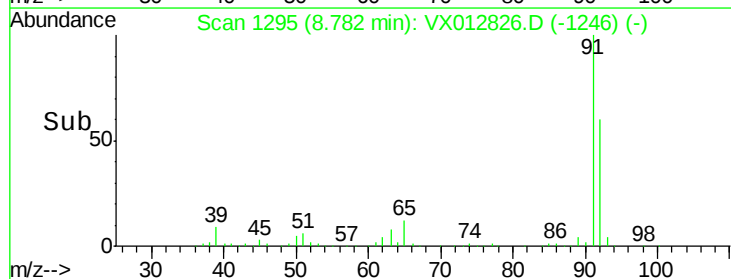
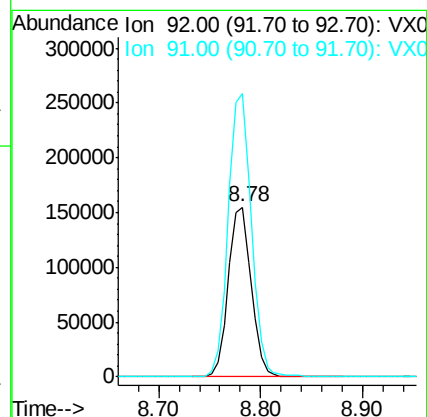
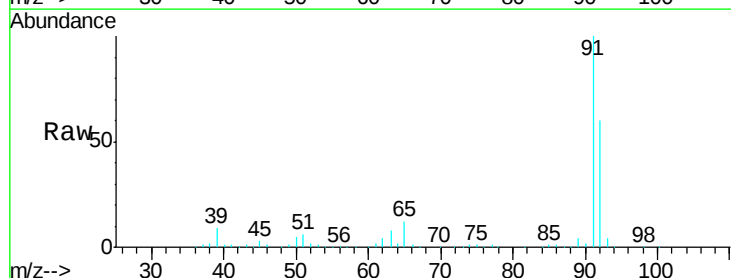
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

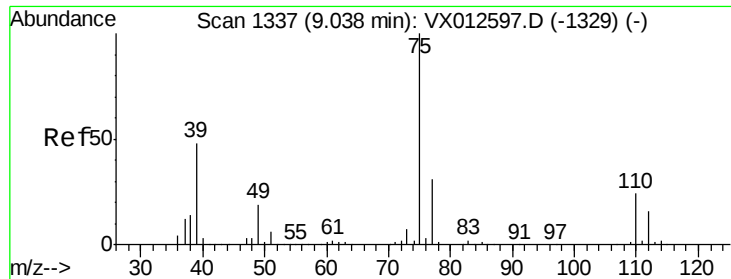
Tgt Ion: 43 Resp: 773314
Ion Ratio Lower Upper
43 100
58 40.4 29.8 44.6



#52
Toluene
Concen: 48.937 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 92 Resp: 243167
Ion Ratio Lower Upper
92 100
91 168.2 135.4 203.0

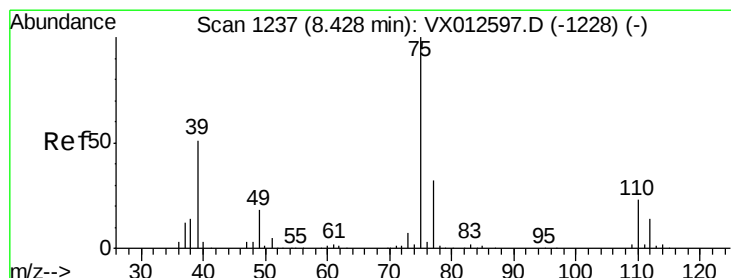
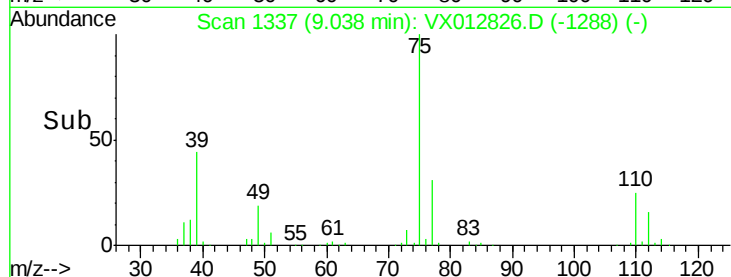
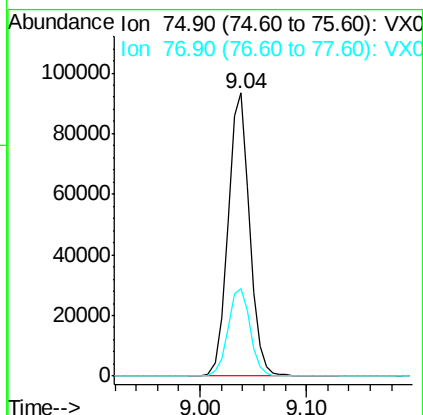
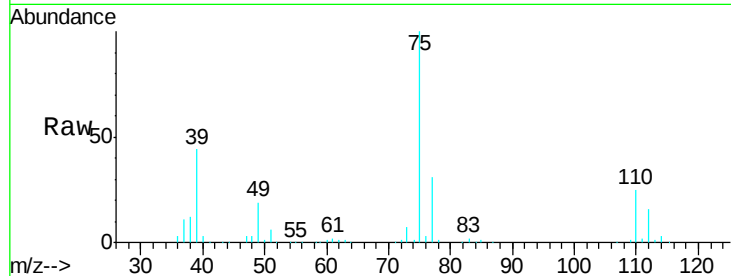




#53
t-1,3-Dichloropropene
Concen: 43.350 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

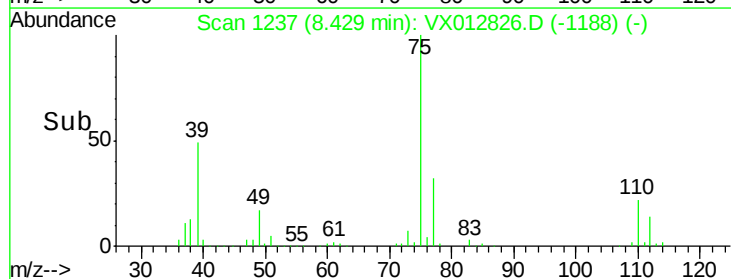
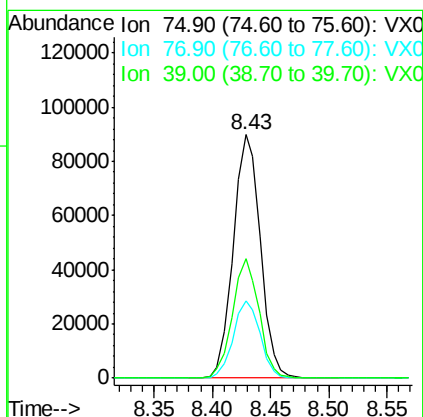
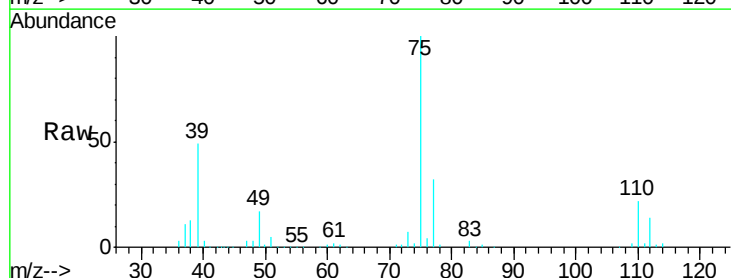
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

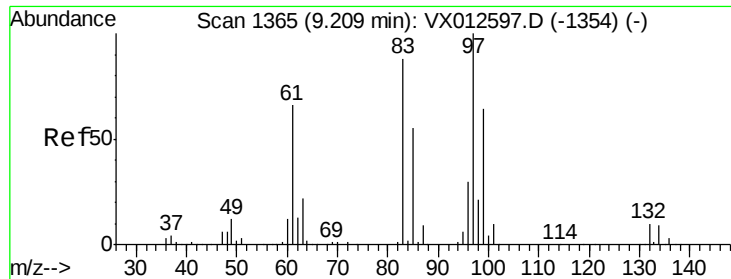
Tgt Ion: 75 Resp: 132105
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 43.877 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 75 Resp: 145992
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 48.7 45.5 68.3

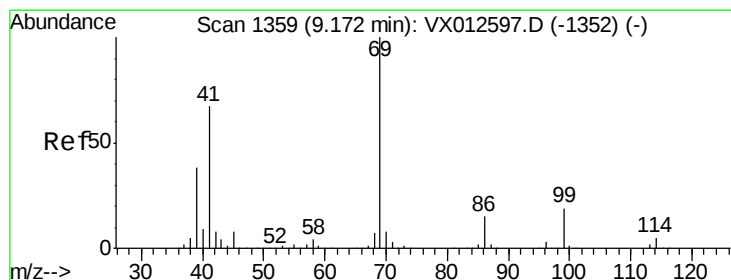
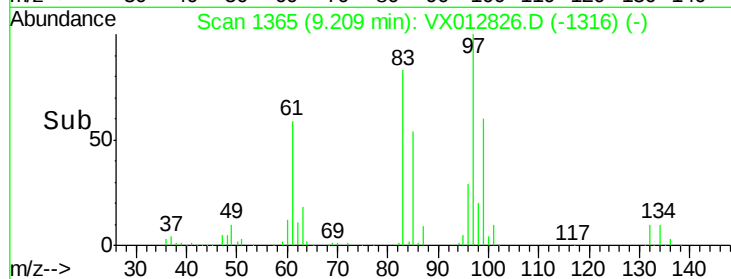
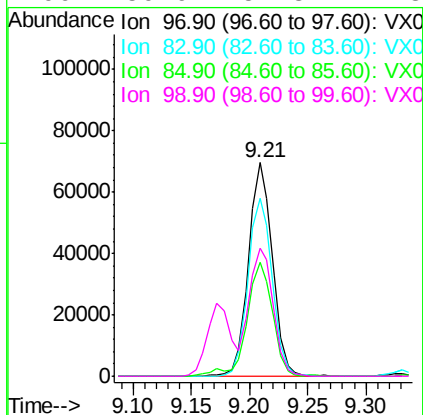
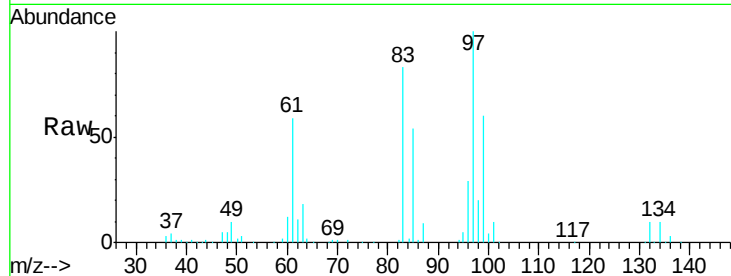




#55
 1,1,2-Trichloroethane
 Concen: 50.559 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

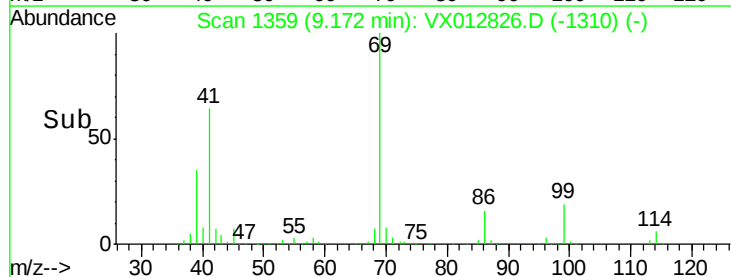
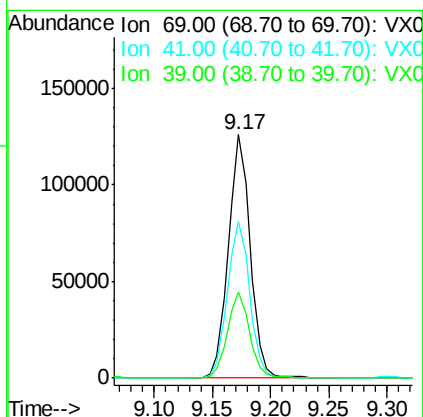
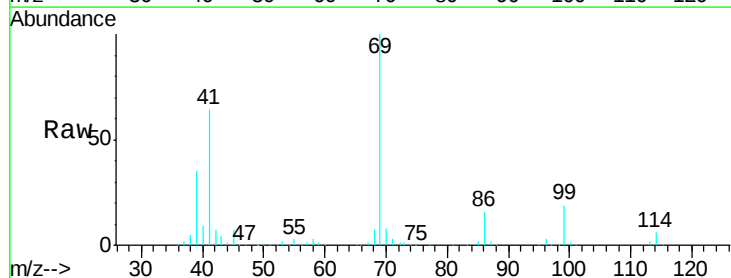
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

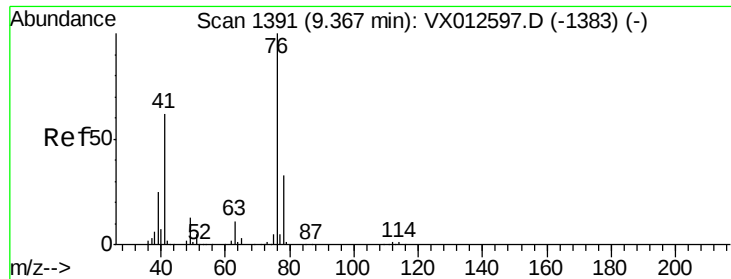
Tgt Ion:	97	Resp:	99880
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.2
85	53.6	43.5	65.3
99	59.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 49.877 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion:	69	Resp:	165534
Ion	Ratio	Lower	Upper
69	100		
41	65.4	58.4	87.6
39	35.5	33.4	50.0





#57

1,3-Dichloropropane

Concen: 49.374 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

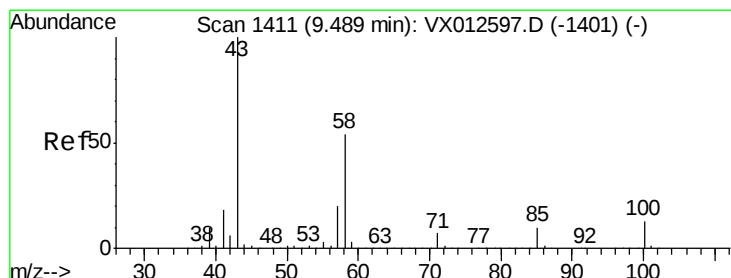
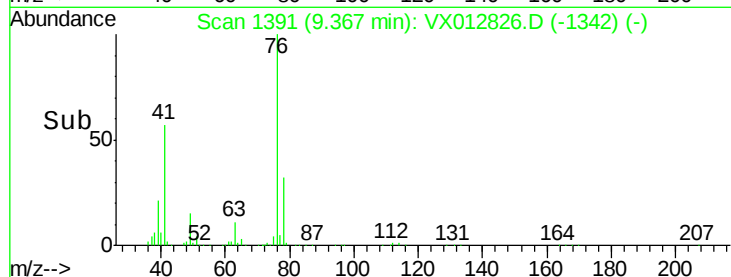
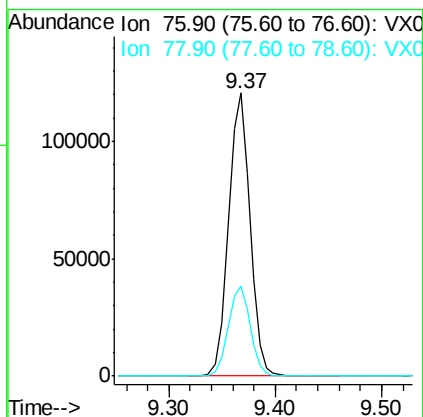
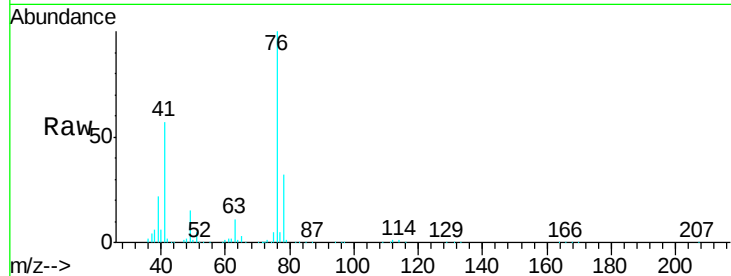
SA-MW127D-20190930MSD

Tgt Ion: 76 Resp: 170710

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#59

2-Hexanone

Concen: 240.491 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012826.D

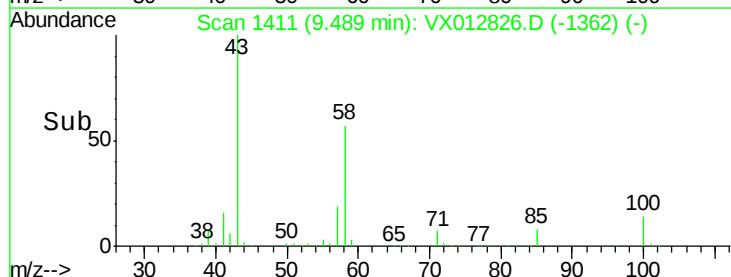
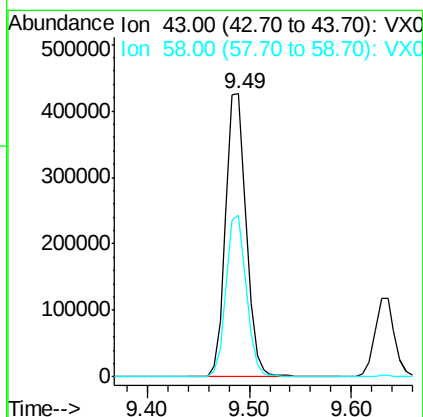
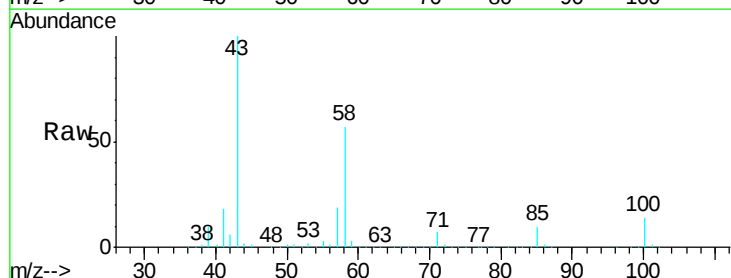
Acq: 04 Oct 2019 20:51

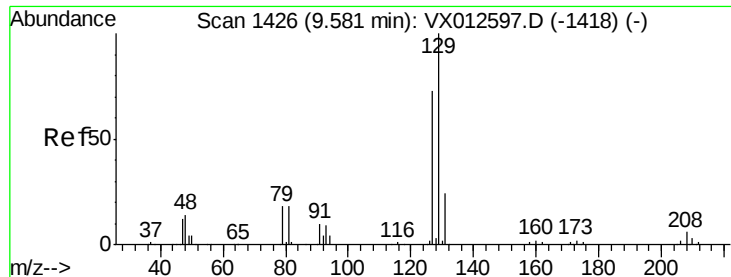
Tgt Ion: 43 Resp: 596945

Ion Ratio Lower Upper

43 100

58 56.0 25.7 77.1





#60

Dibromochloromethane

Concen: 52.382 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

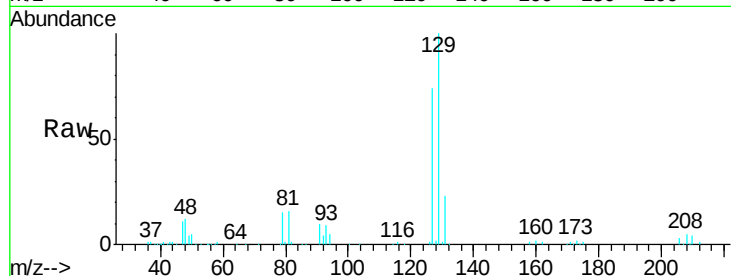
SA-MW127D-20190930MSD

Tgt Ion:129 Resp: 104754

Ion Ratio Lower Upper

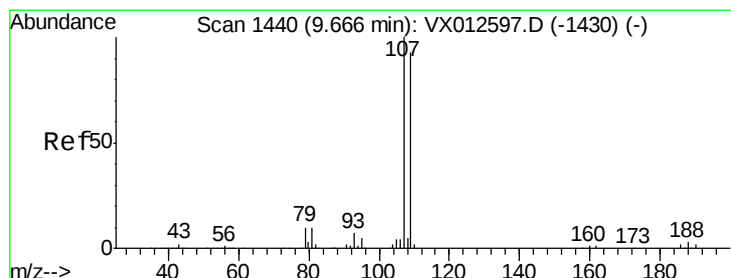
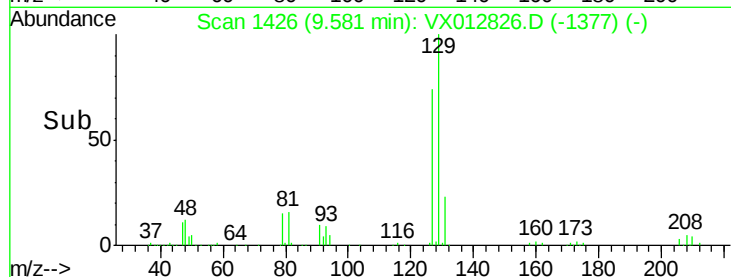
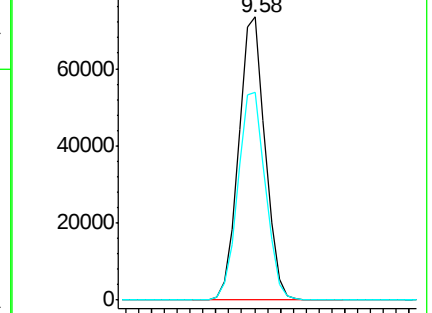
129 100

127 76.5 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.789 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012826.D

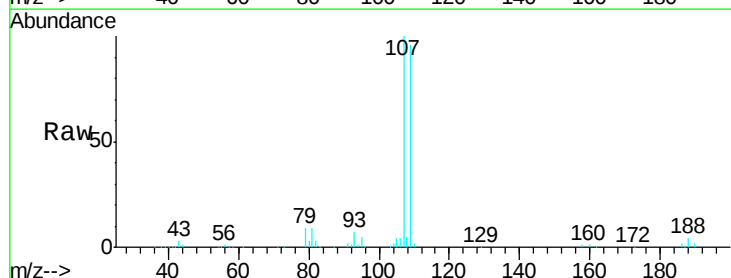
Acq: 04 Oct 2019 20:51

Tgt Ion:107 Resp: 102364

Ion Ratio Lower Upper

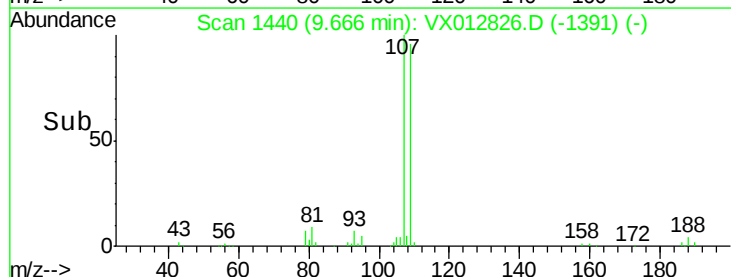
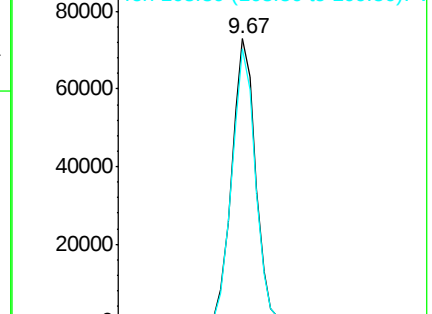
107 100

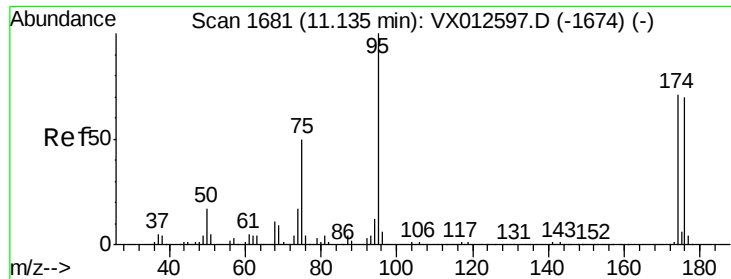
109 95.8 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

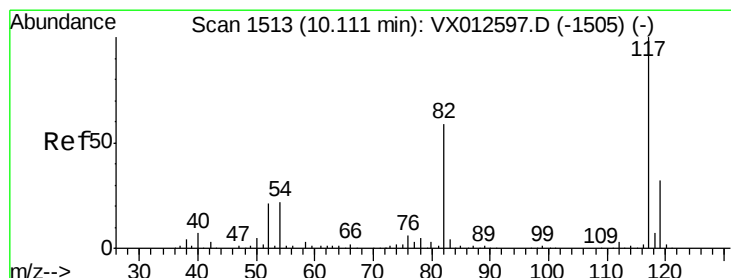
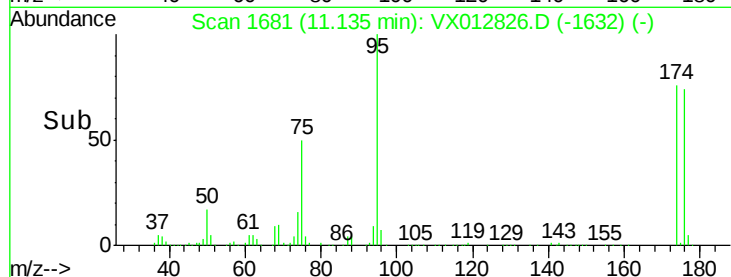
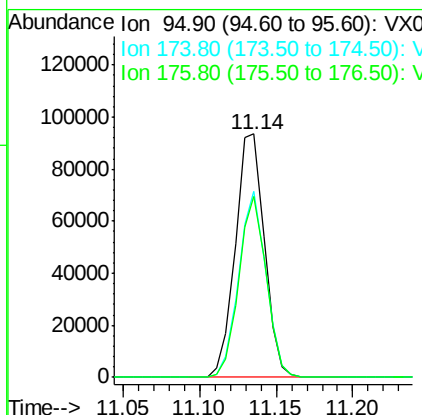
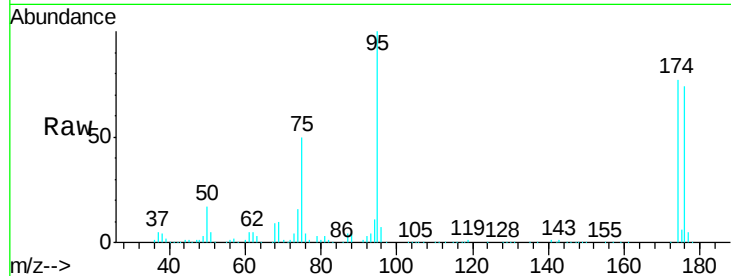




#62
4-Bromofluorobenzene
Concen: 49.112 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

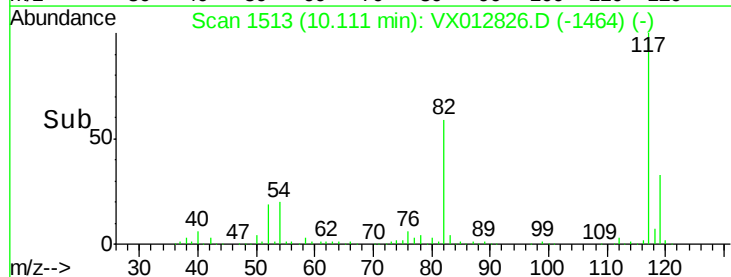
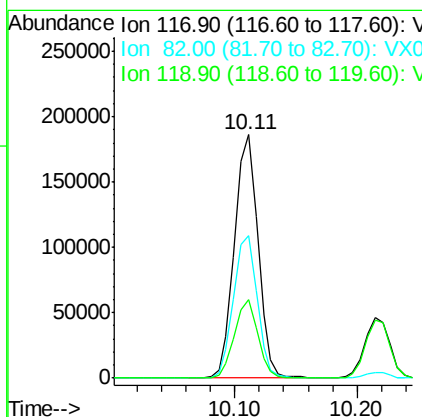
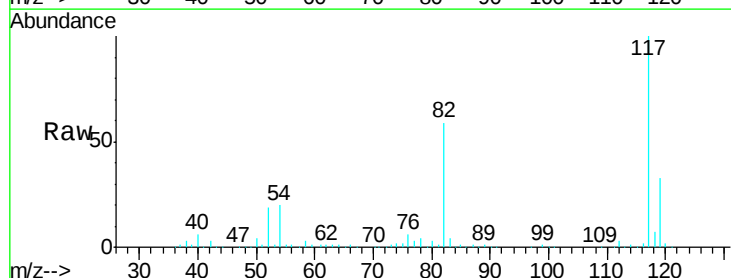
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

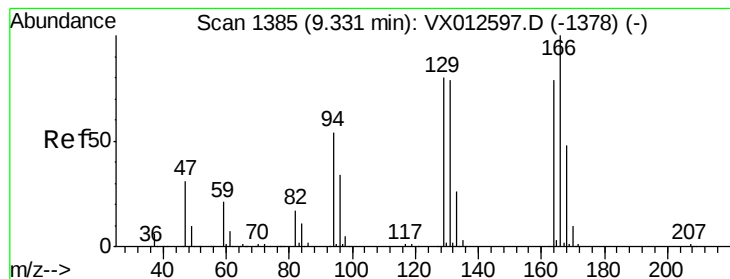
Tgt Ion: 95 Resp: 123463
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.0
176 69.8 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 117 Resp: 248717
Ion Ratio Lower Upper
117 100
82 58.6 45.9 68.9
119 32.5 25.3 37.9





#64

Tetrachloroethene

Concen: 49.213 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tgt Ion:164 Resp: 85341

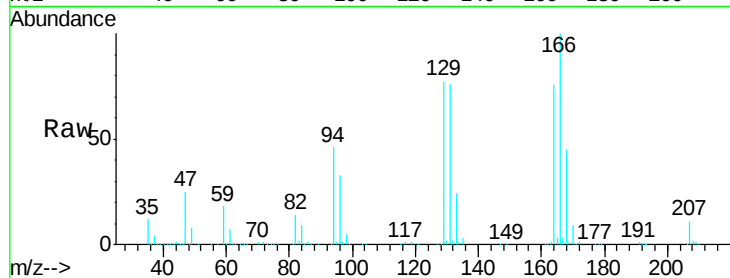
Ion Ratio Lower Upper

164 100

166 131.4 107.8 161.6

129 100.7 86.2 129.2

131 99.5 80.4 120.6

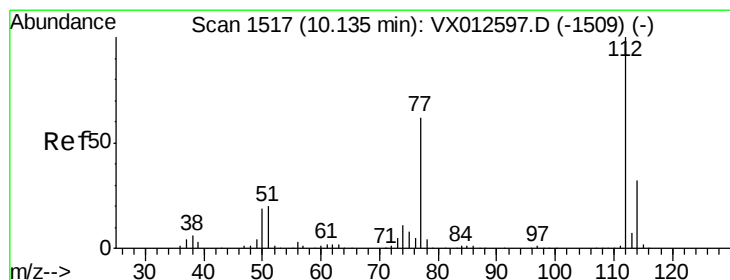
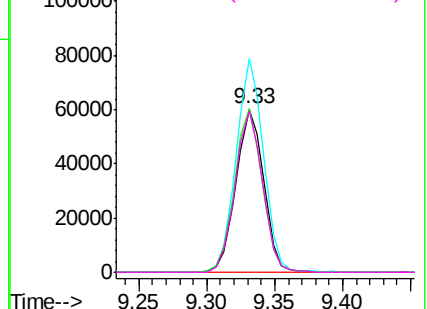
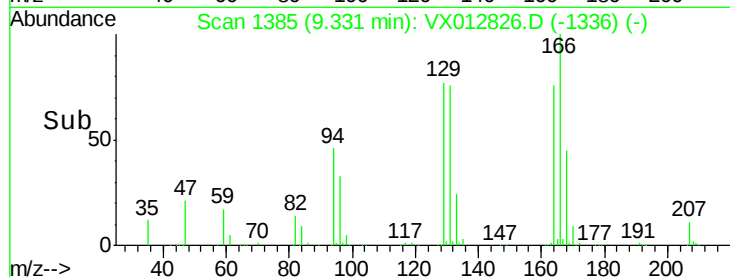


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.889 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012826.D

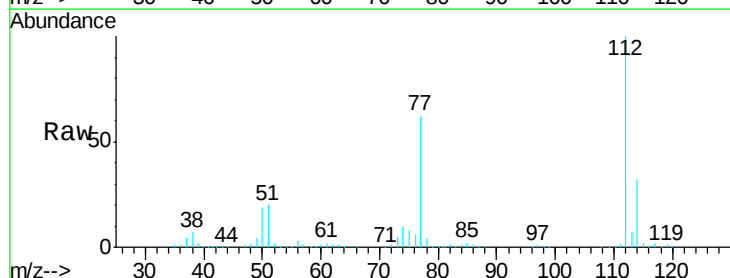
Acq: 04 Oct 2019 20:51

Tgt Ion:112 Resp: 256053

Ion Ratio Lower Upper

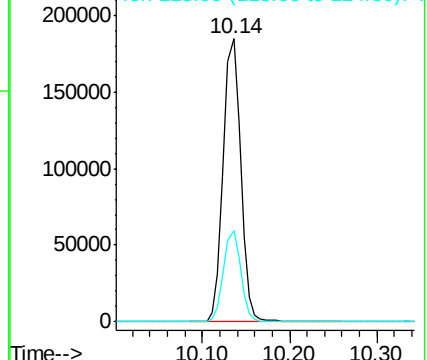
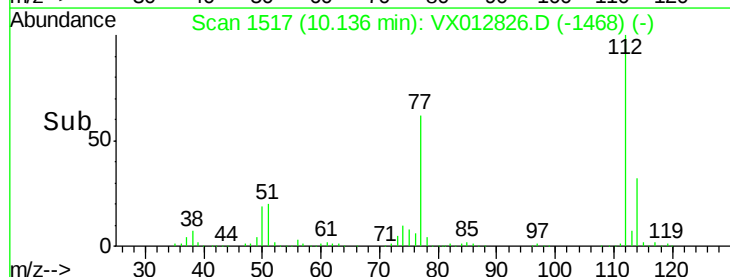
112 100

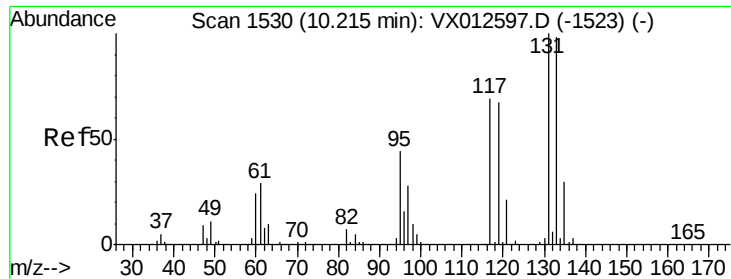
114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

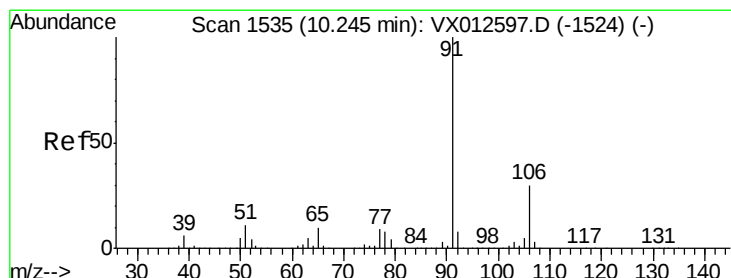
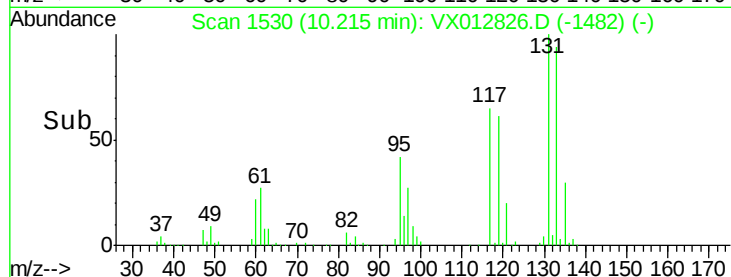
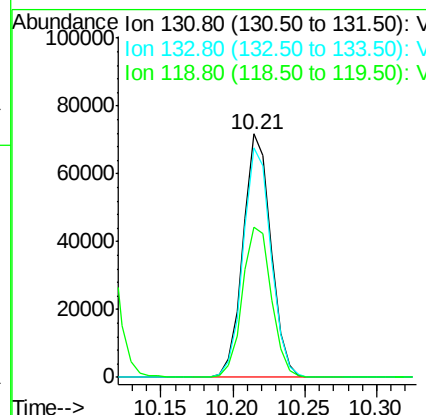
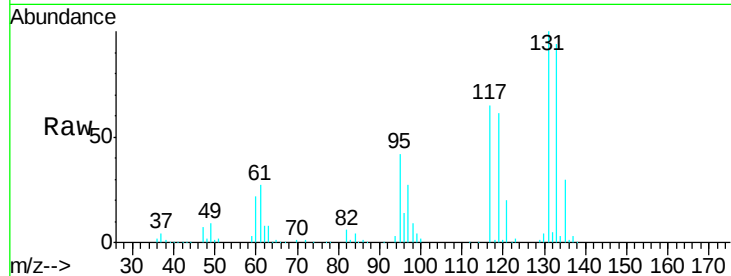




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.764 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

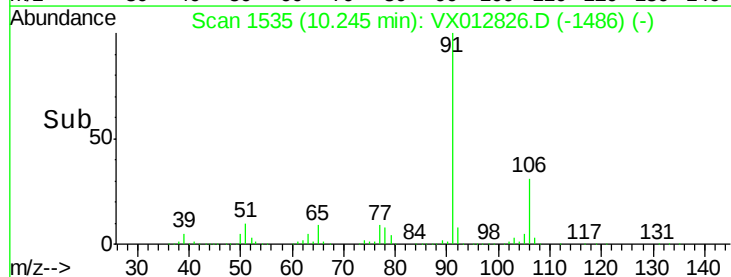
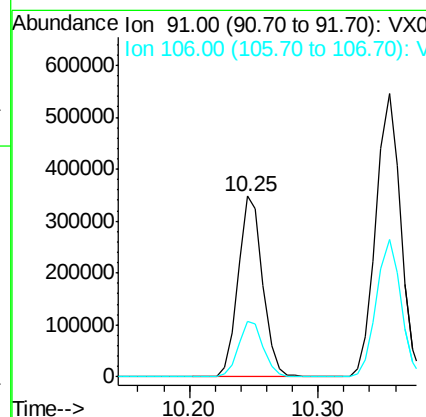
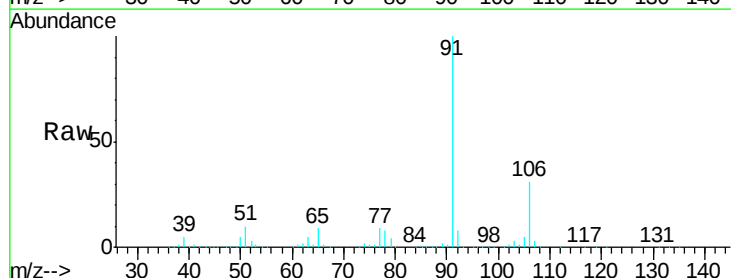
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

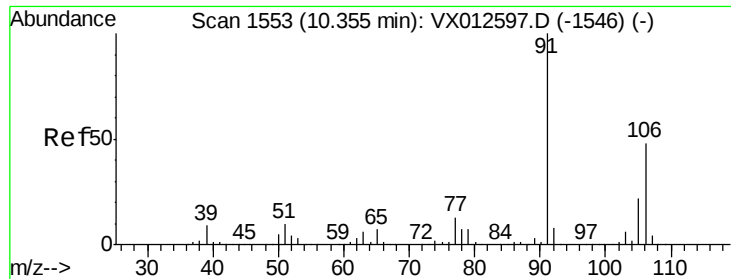
Tgt Ion:131 Resp: 96332
 Ion Ratio Lower Upper
 131 100
 133 94.2 47.6 142.9
 119 63.8 31.3 93.8



#67
 Ethyl Benzene
 Concen: 48.781 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 91 Resp: 463387
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.6 37.0





#68

m/p-Xylenes

Concen: 97.264 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

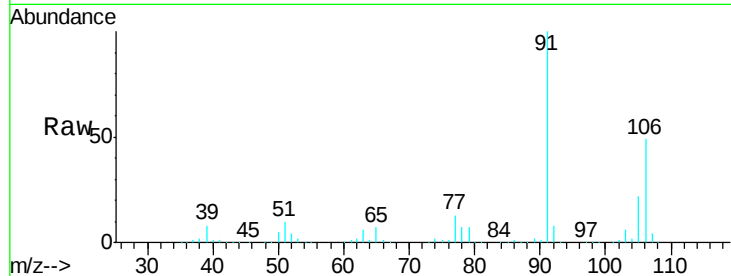
SA-MW127D-20190930MSD

Tgt Ion:106 Resp: 346114

Ion Ratio Lower Upper

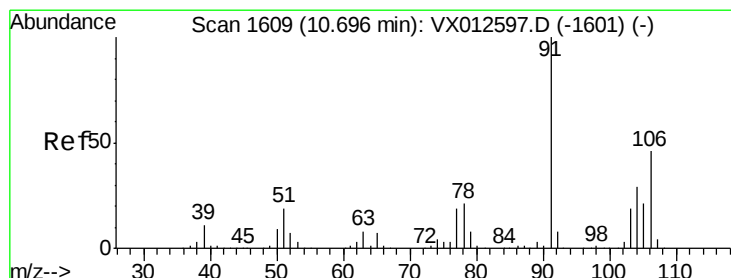
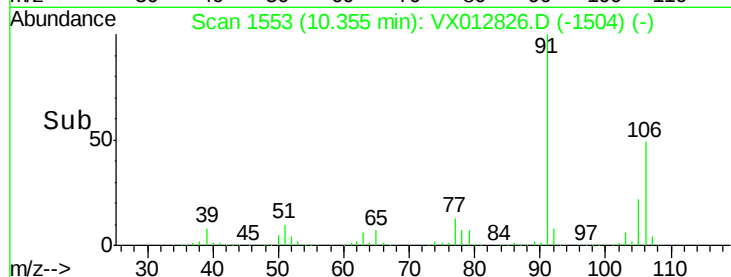
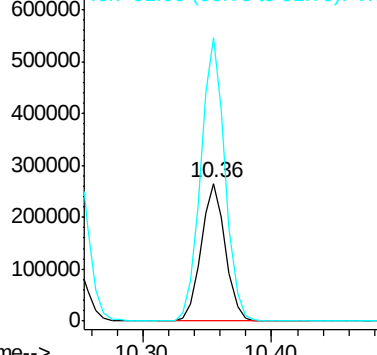
106 100

91 207.3 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.353 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012826.D

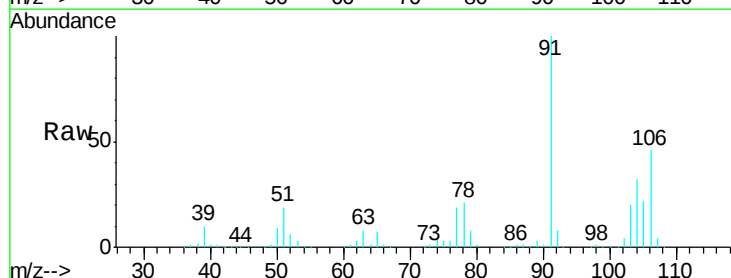
Acq: 04 Oct 2019 20:51

Tgt Ion:106 Resp: 166491

Ion Ratio Lower Upper

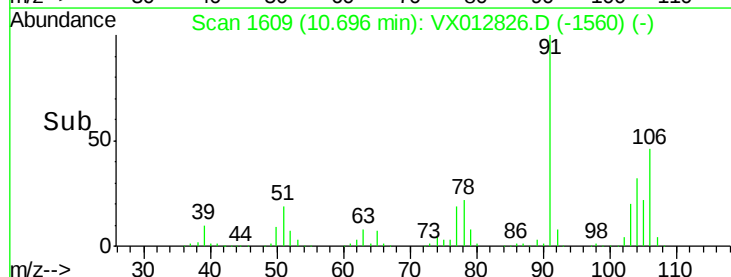
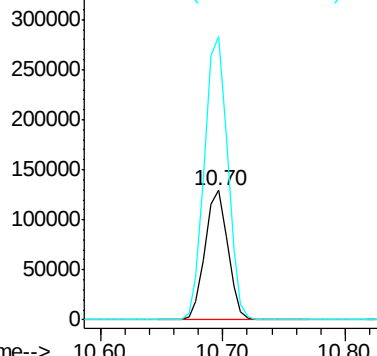
106 100

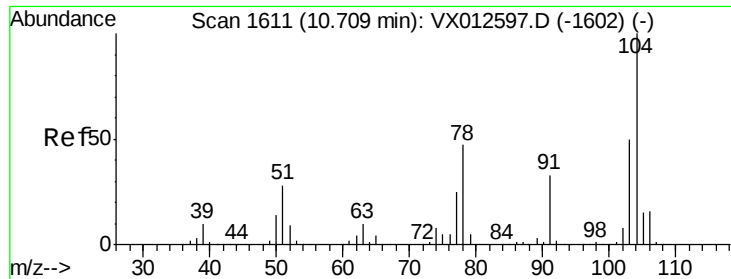
91 223.2 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 50.640 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

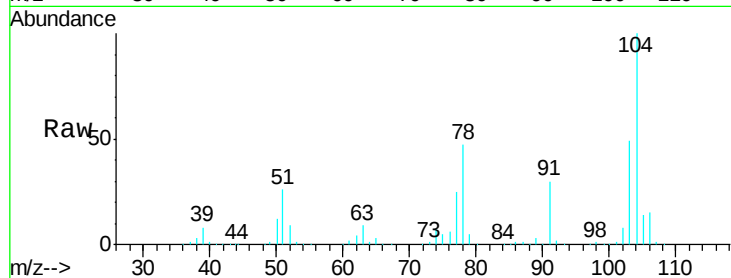
Tgt Ion:104 Resp: 292315

Ion Ratio Lower Upper

104 100

78 52.6 43.4 65.2

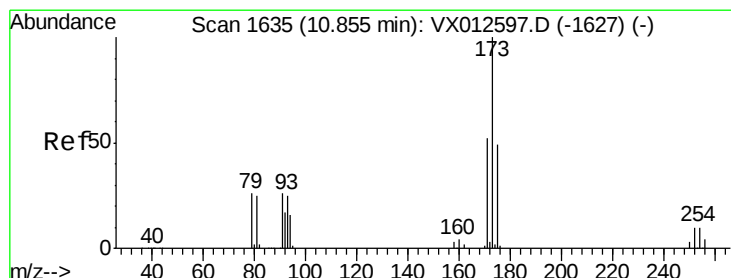
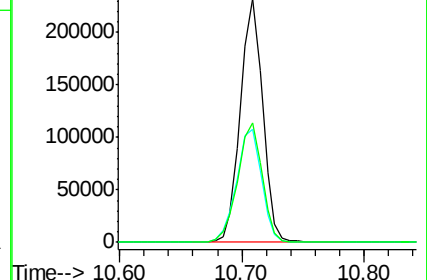
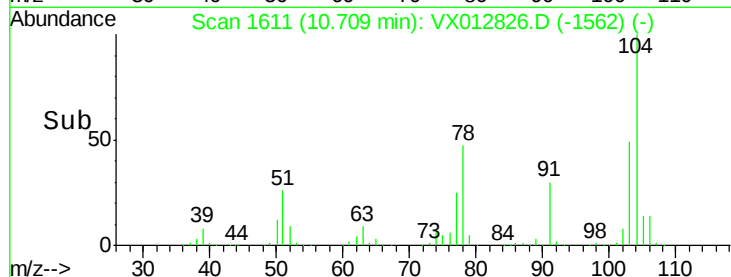
103 53.7 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.041 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

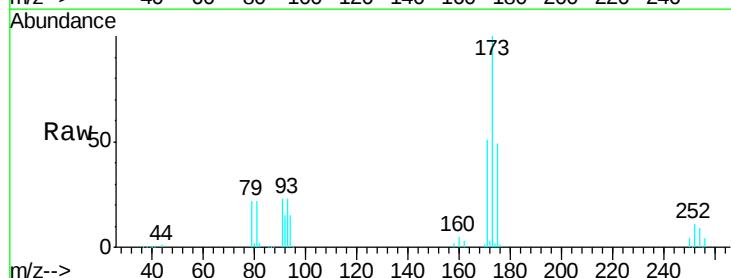
Tgt Ion:173 Resp: 71407

Ion Ratio Lower Upper

173 100

175 48.0 23.7 71.1

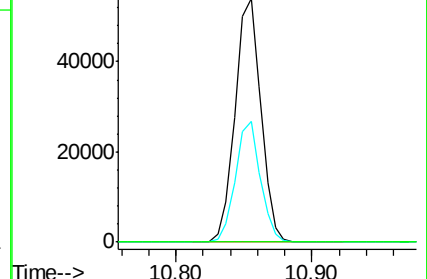
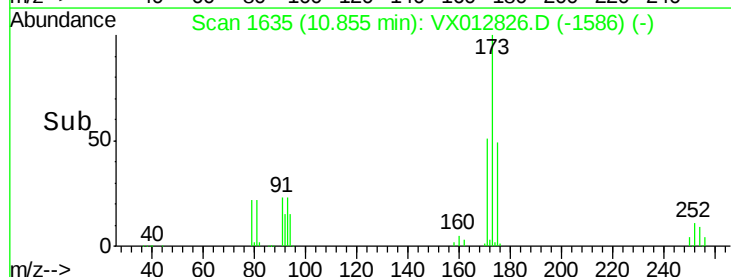
254 0.1 0.1 0.1

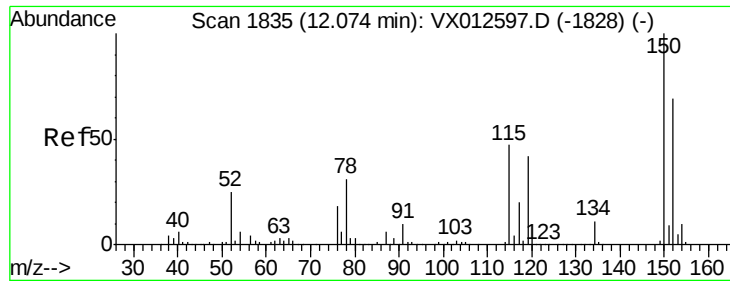


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

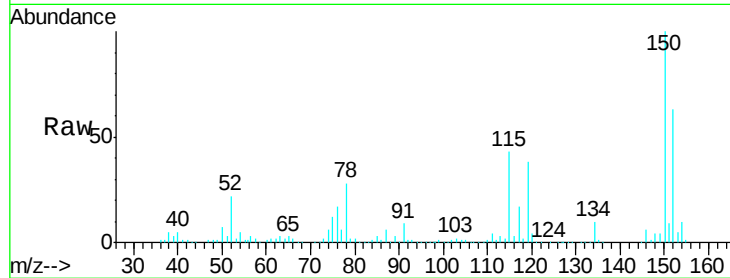
Tgt Ion:152 Resp: 114612

Ion Ratio Lower Upper

152 100

115 88.8 44.1 132.3

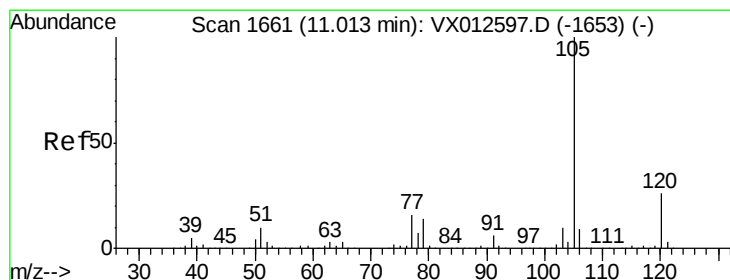
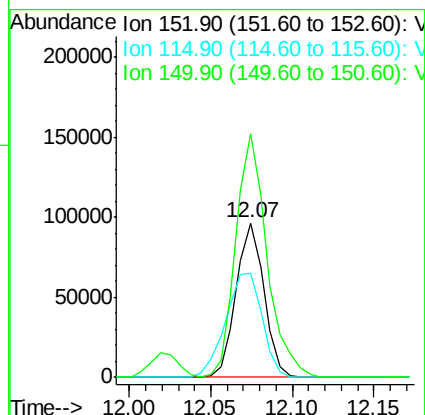
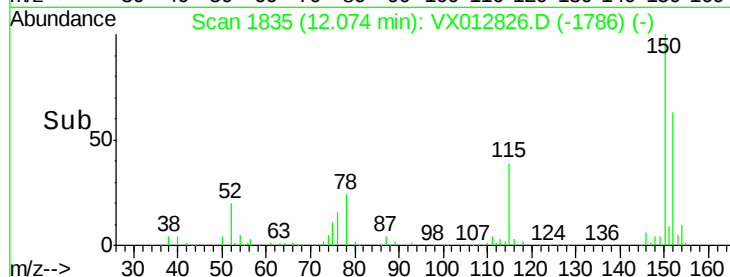
150 176.0 0.0 343.8



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: 48.819 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012826.D

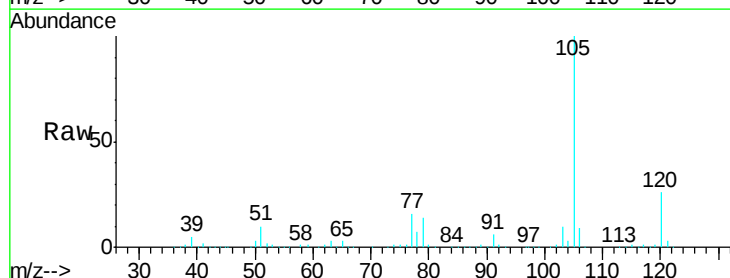
Acq: 04 Oct 2019 20:51

Tgt Ion:105 Resp: 455717

Ion Ratio Lower Upper

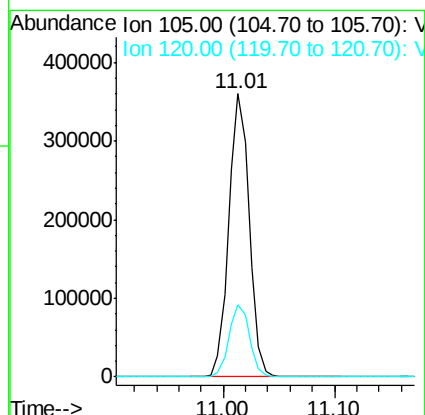
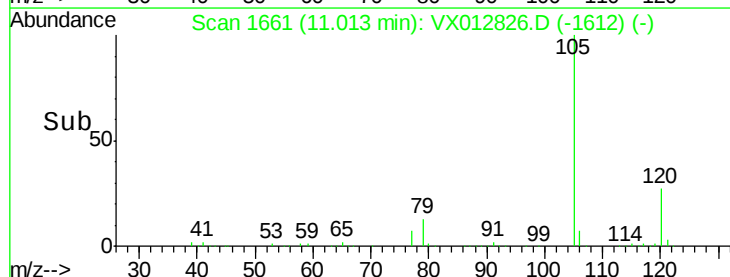
105 100

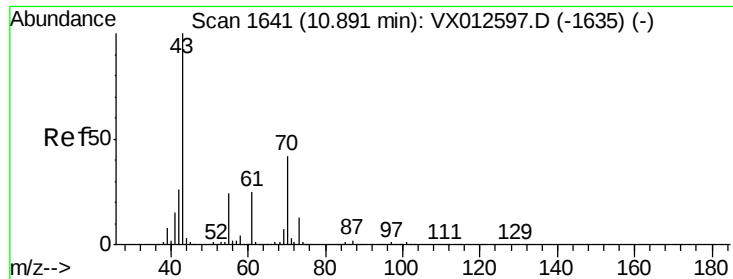
120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 36.520 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

Tgt Ion: 43 Resp: 162637

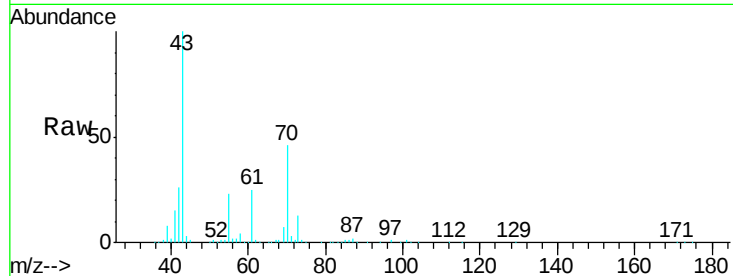
Ion Ratio Lower Upper

43 100

70 45.1 32.4 48.6

55 24.1 18.2 27.4

61 25.4 18.5 27.7

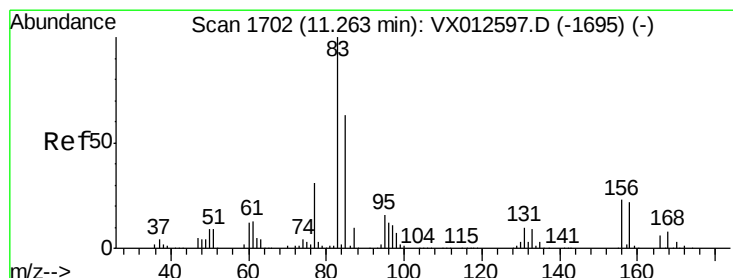
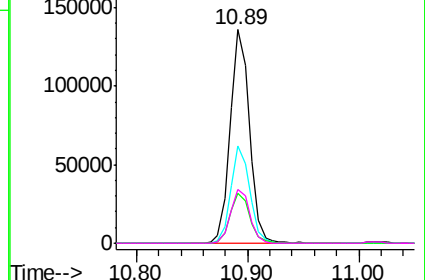
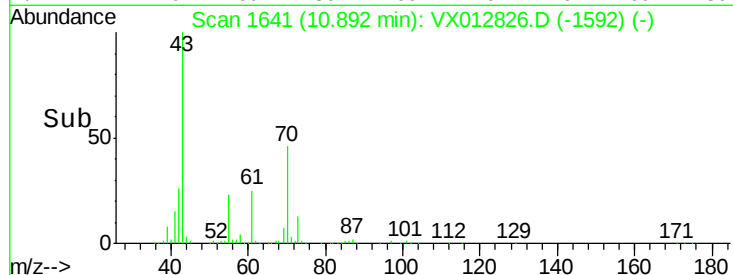


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.198 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

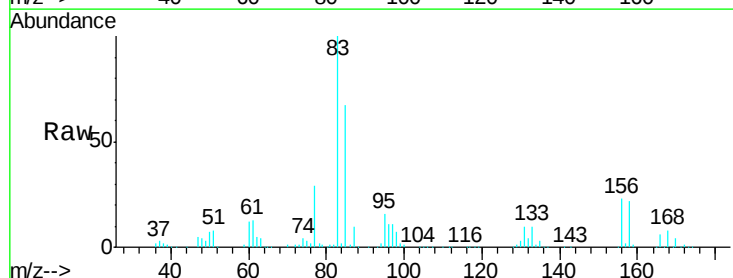
Tgt Ion: 83 Resp: 158282

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

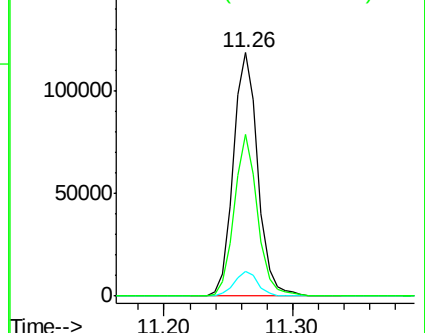
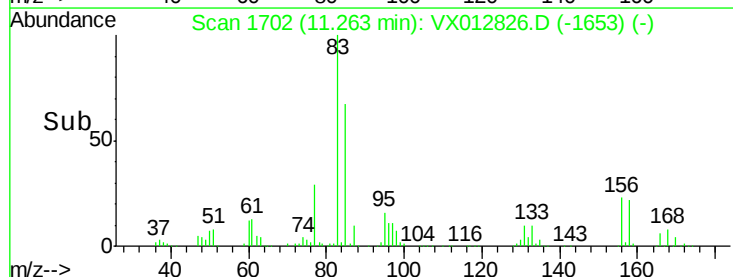
85 63.3 32.0 96.0

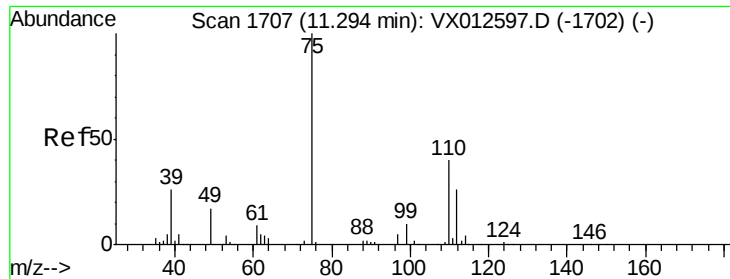


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

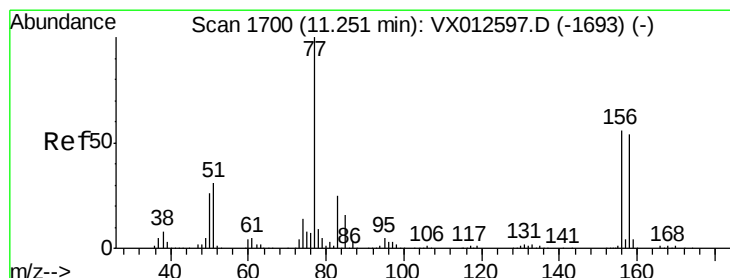
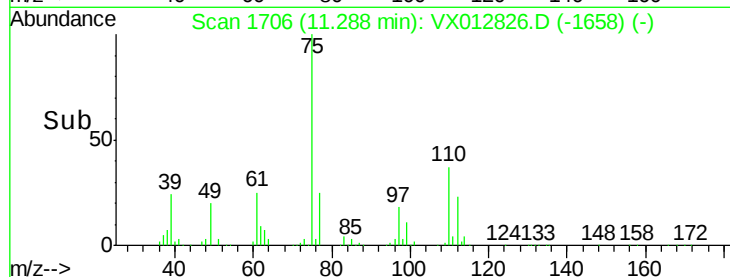
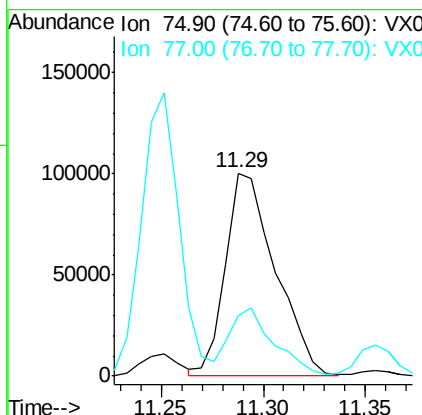
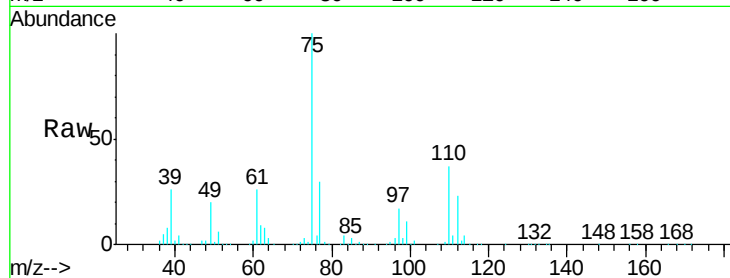




#76
 1,2,3-Trichloropropane
 Concen: 56.402 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

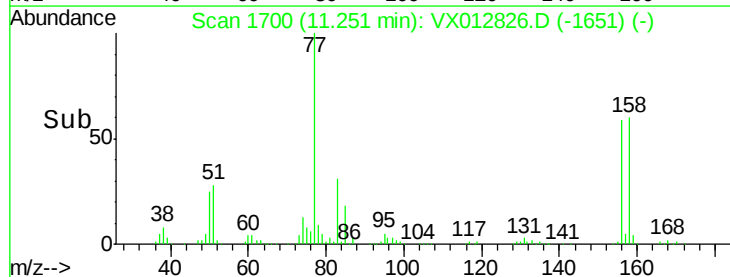
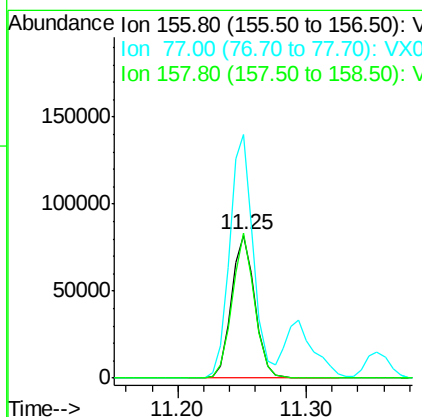
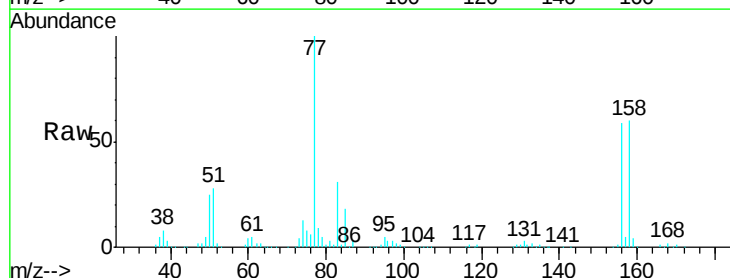
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

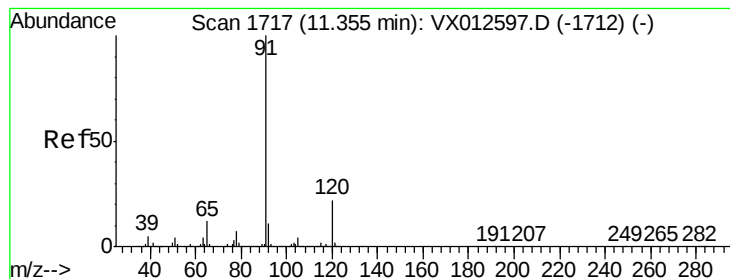
Tgt Ion: 75 Resp: 170999
 Ion Ratio Lower Upper
 75 100
 77 29.9 19.7 59.0



#77
 Bromobenzene
 Concen: 49.415 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 156 Resp: 104400
 Ion Ratio Lower Upper
 156 100
 77 172.3 87.3 261.8
 158 96.5 48.5 145.6





#78

n-propylbenzene

Concen: 47.245 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

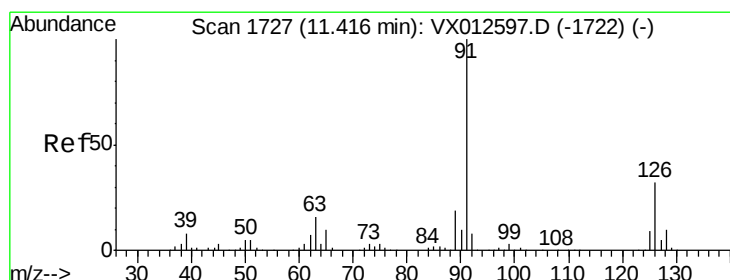
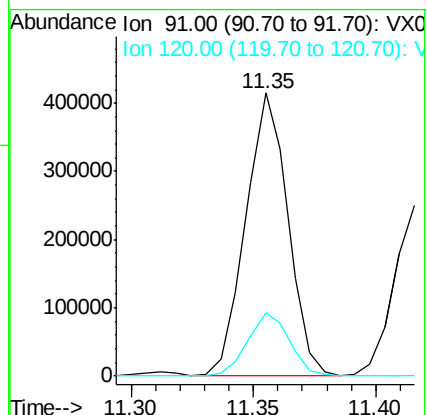
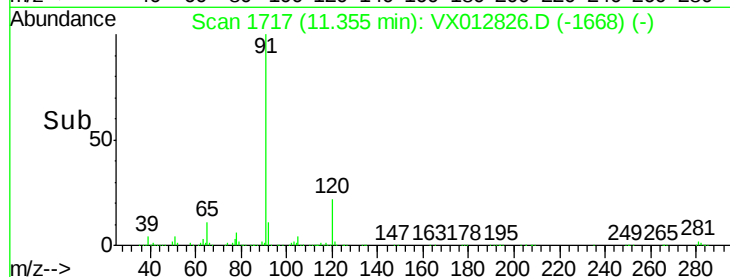
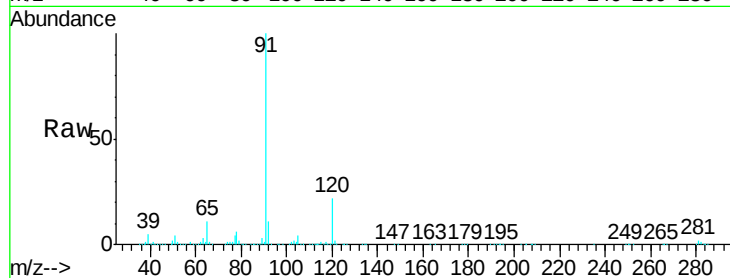
SA-MW127D-20190930MSD

Tgt Ion: 91 Resp: 496513

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8



#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012826.D

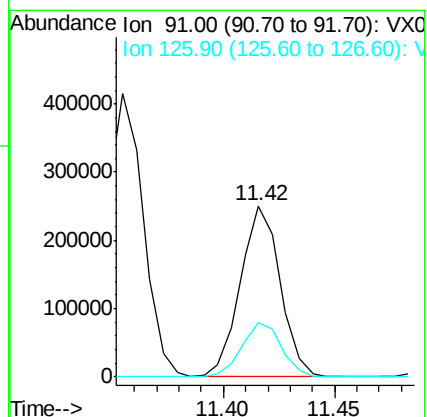
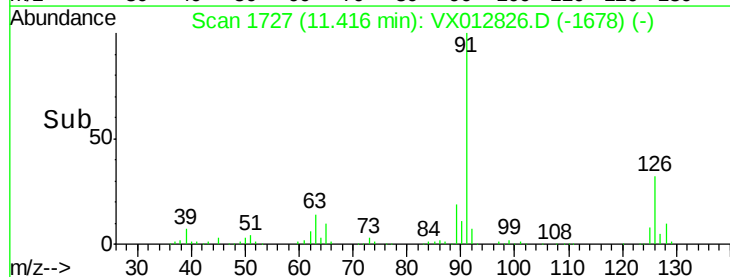
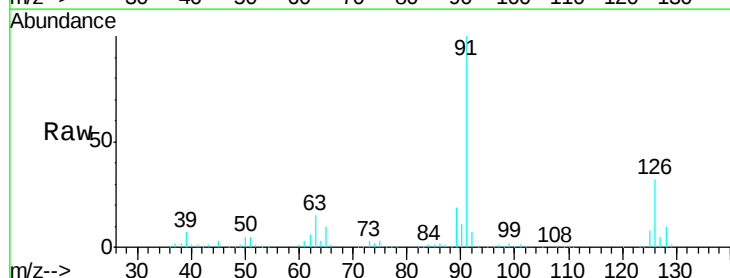
Acq: 04 Oct 2019 20:51

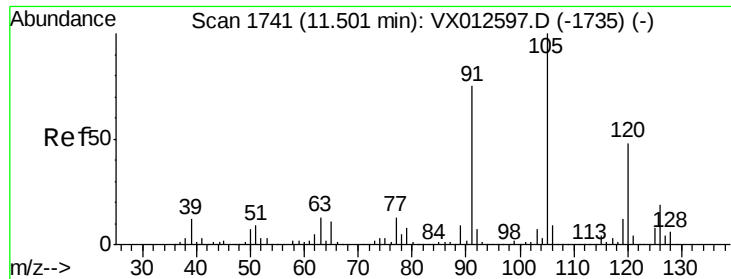
Tgt Ion: 91 Resp: 311604

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.4

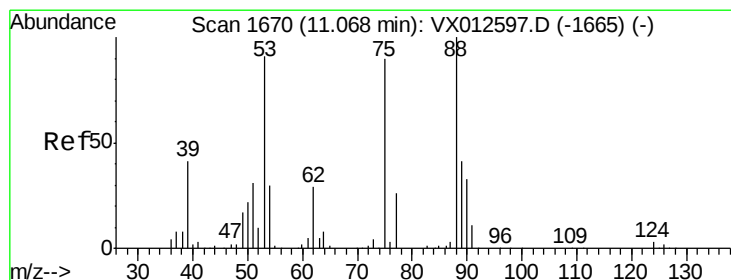
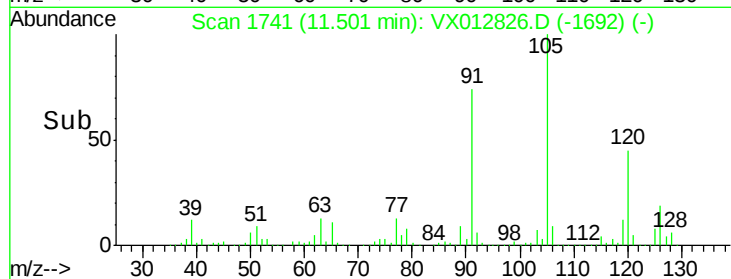
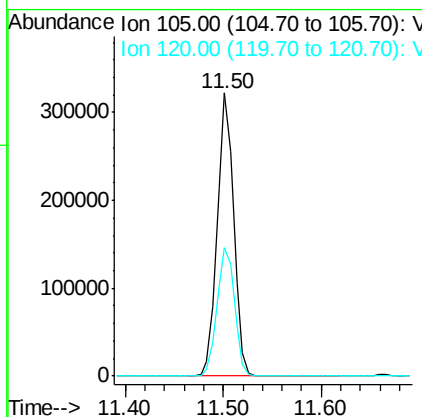
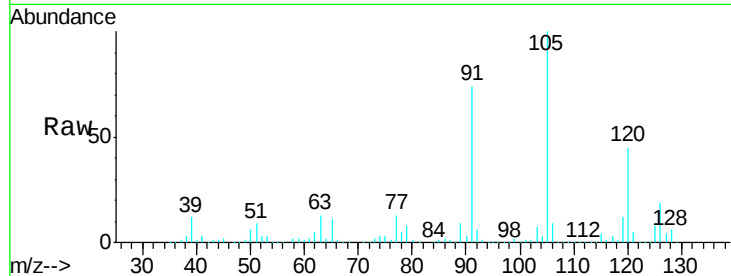




#80
 1,3,5-Trimethylbenzene
 Concen: 48.186 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

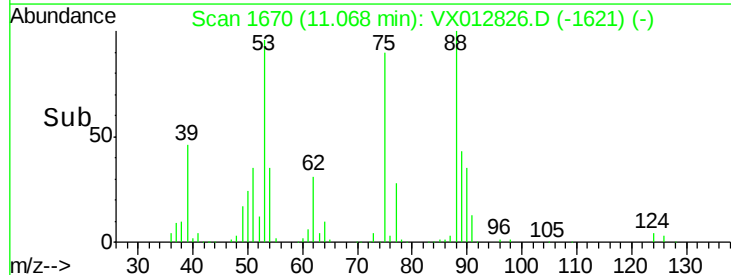
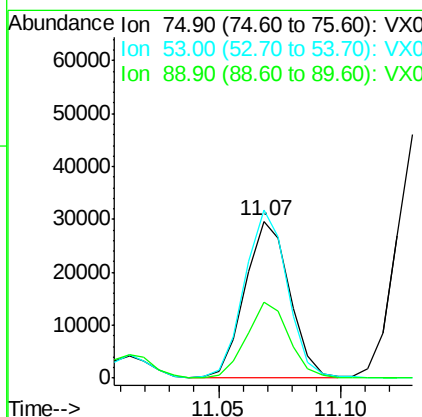
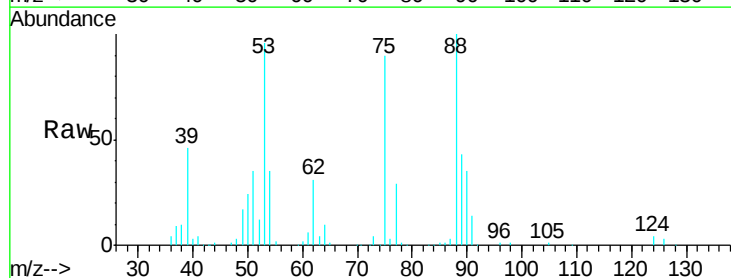
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

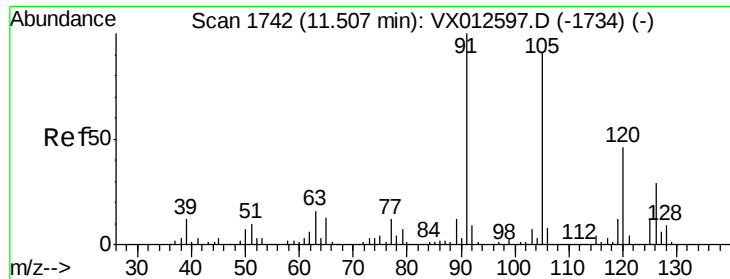
Tgt Ion: 105 Resp: 377197
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.496 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 75 Resp: 37552
 Ion Ratio Lower Upper
 75 100
 53 103.5 83.6 125.4
 89 46.6 36.3 54.5

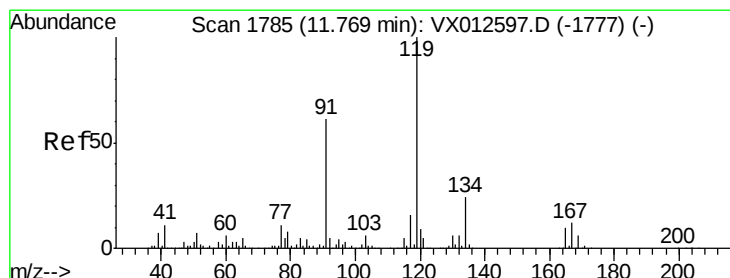
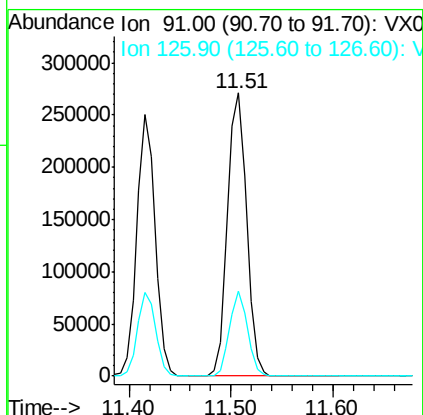
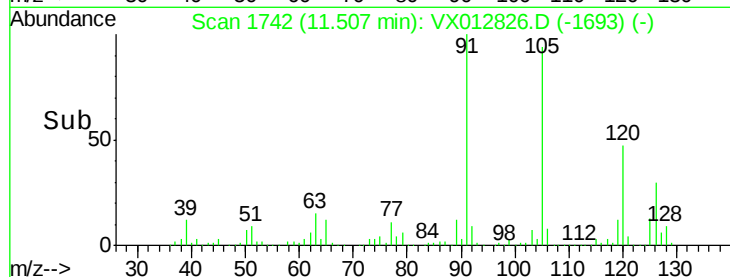
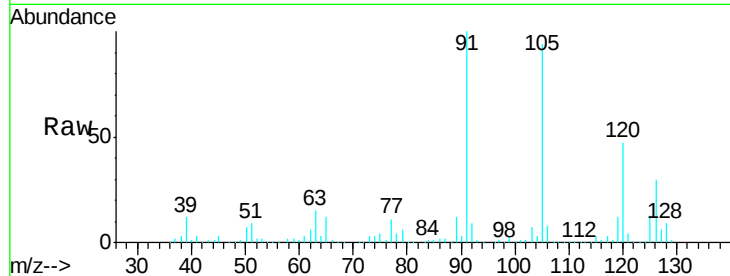




#82
4-Chlorotoluene
Concen: 46.983 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

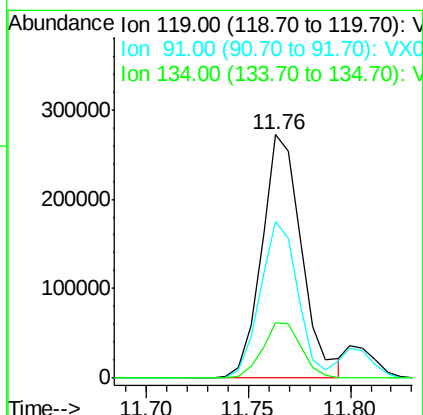
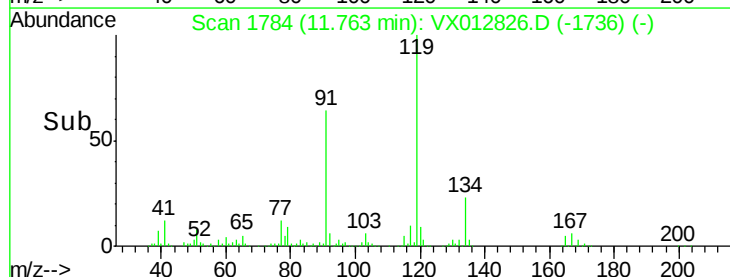
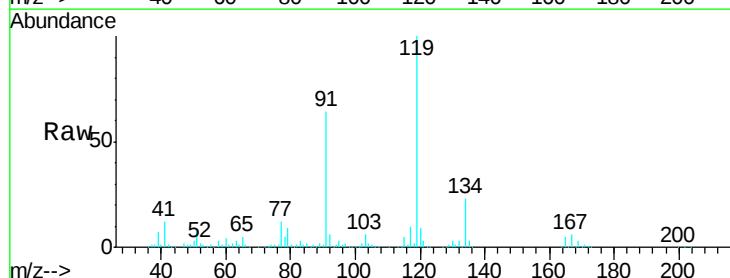
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

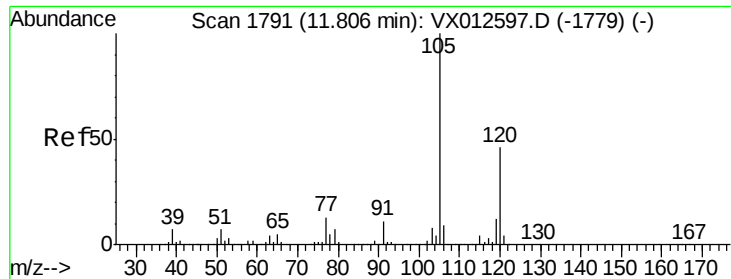
Tgt Ion: 91 Resp: 351126
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.0



#83
tert-Butylbenzene
Concen: 48.833 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion: 119 Resp: 368741
Ion Ratio Lower Upper
119 100
91 60.6 30.0 90.0
134 22.4 11.3 33.9

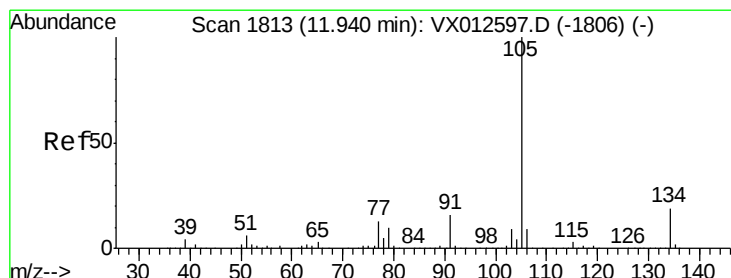
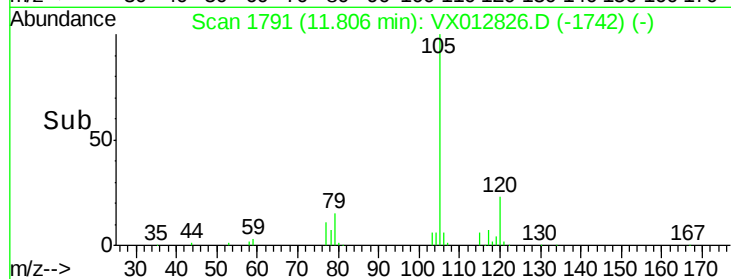
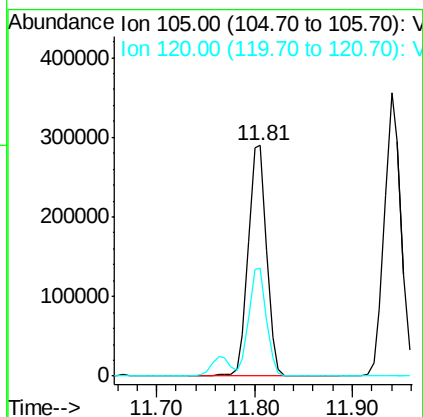
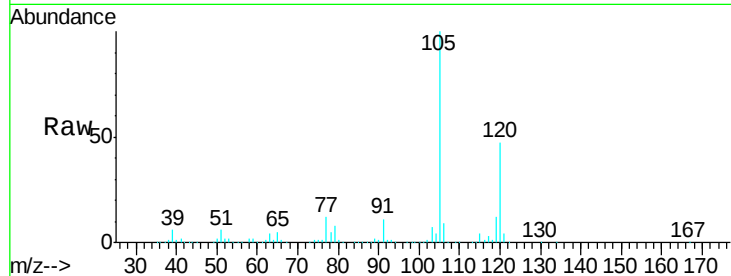




#84
 1,2,4-Trimethylbenzene
 Concen: 47.761 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

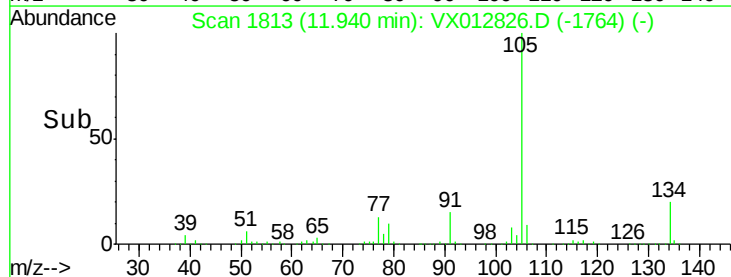
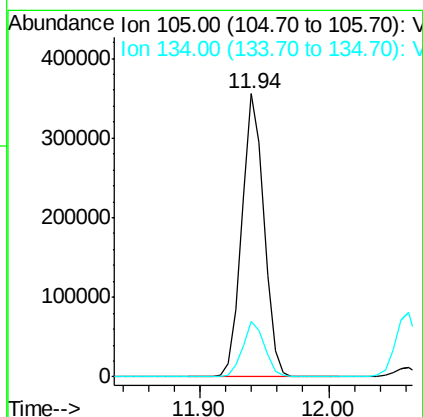
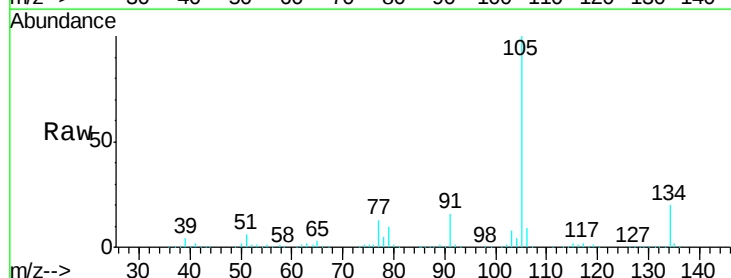
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

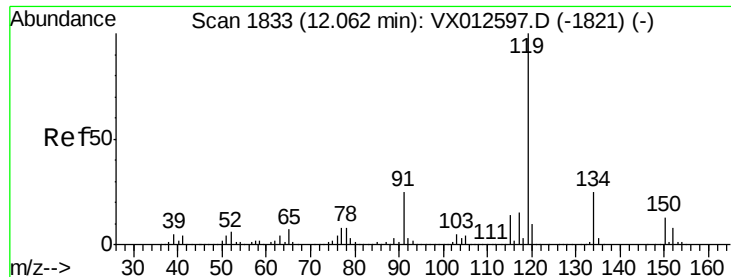
Tgt Ion:105 Resp: 377154
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 47.801 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion:105 Resp: 419826
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

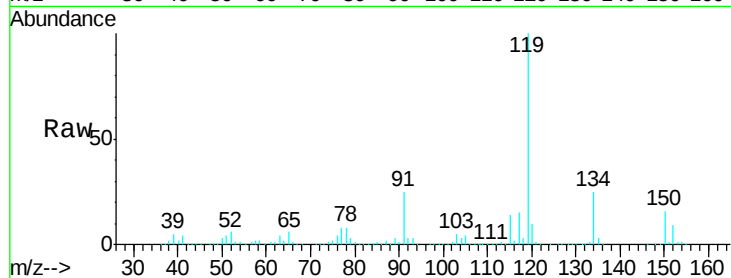




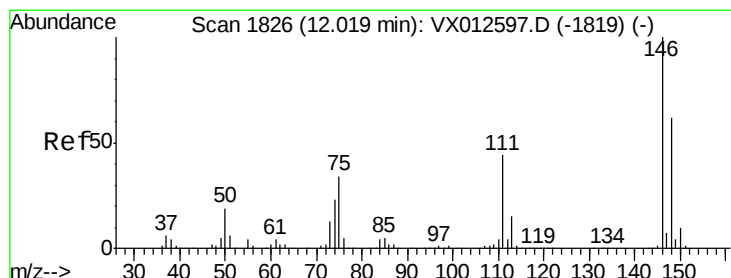
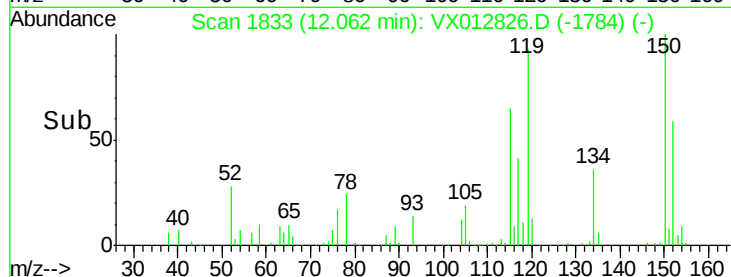
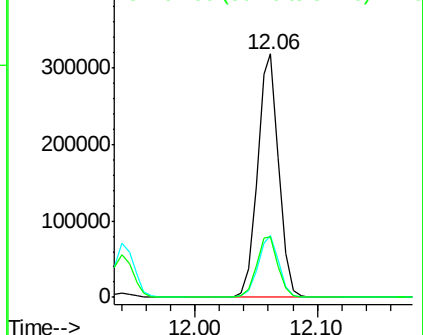
#86
p-Isopropyltoluene
Concen: 48.656 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

Tgt Ion:119 Resp: 385591
Ion Ratio Lower Upper
119 100
134 24.9 12.7 38.1
91 25.4 12.8 38.4

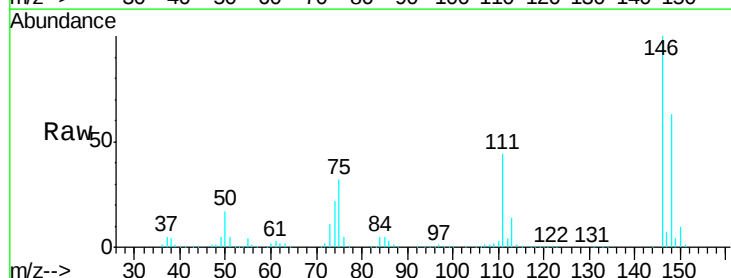


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

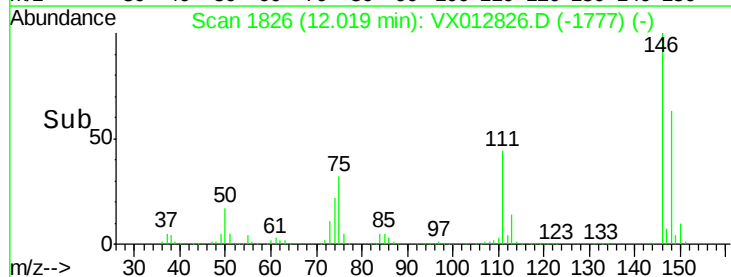
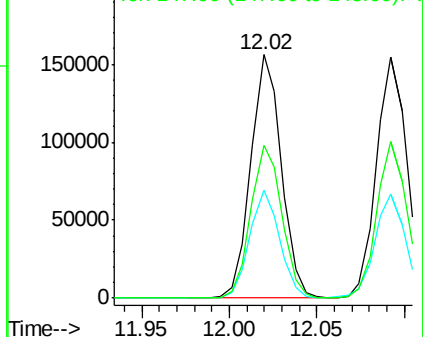


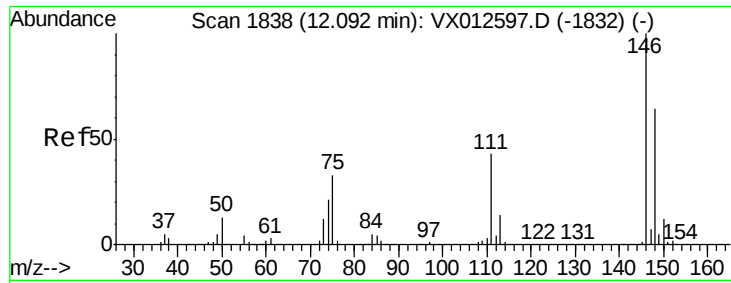
#87
1,3-Dichlorobenzene
Concen: 49.708 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion:146 Resp: 188993
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 63.9 32.4 97.2



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

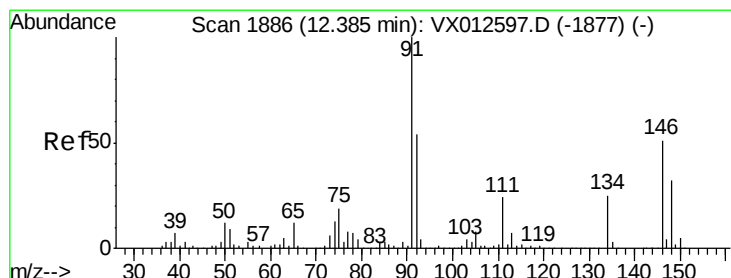
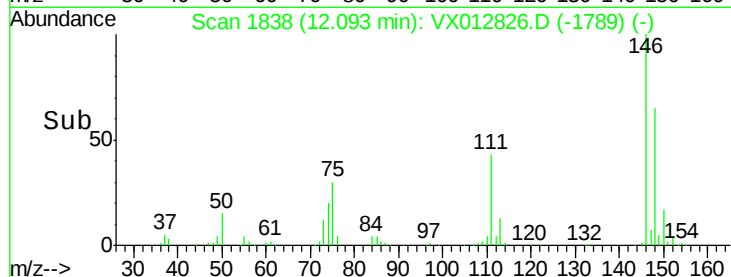
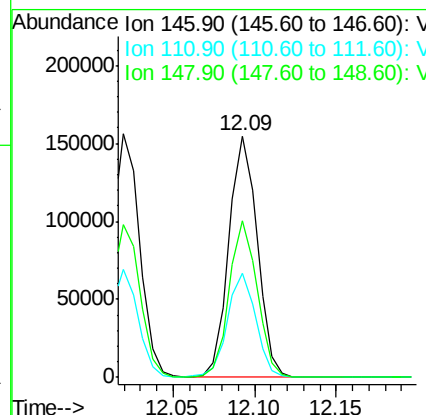
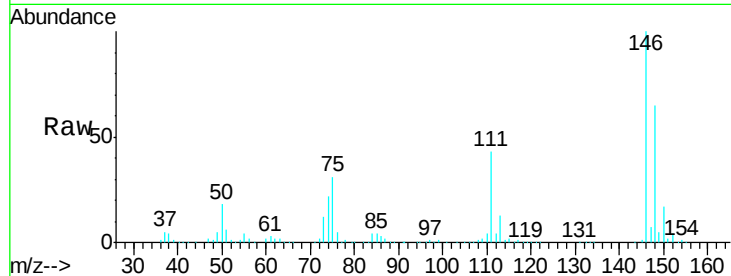




#88
 1,4-Dichlorobenzene
 Concen: 48.796 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

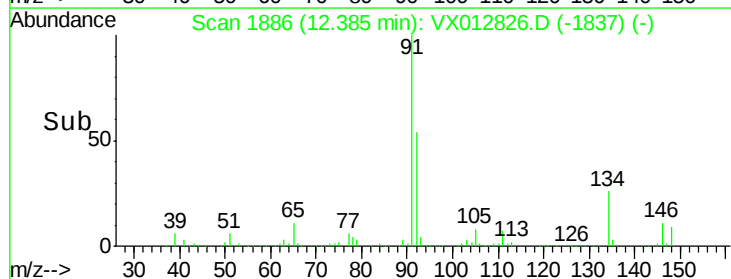
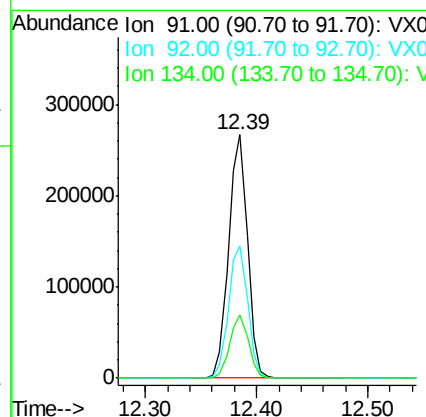
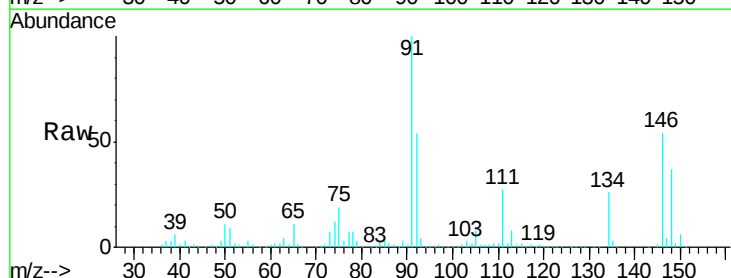
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

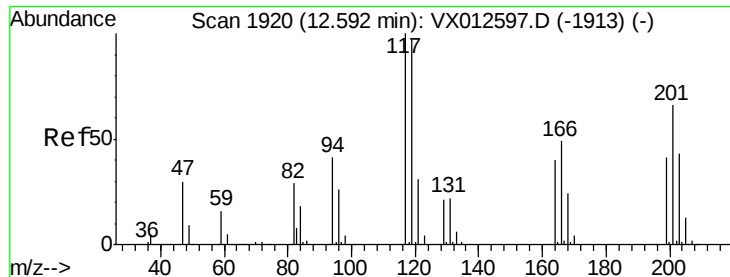
Tgt Ion: 146 Resp: 187473
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.3
 148 64.1 32.1 96.5



#89
 n-Butylbenzene
 Concen: 44.755 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Tgt Ion: 91 Resp: 312536
 Ion Ratio Lower Upper
 91 100
 92 55.4 27.7 83.0
 134 25.5 12.9 38.6

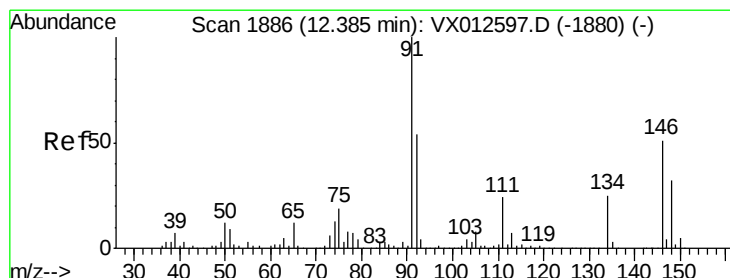
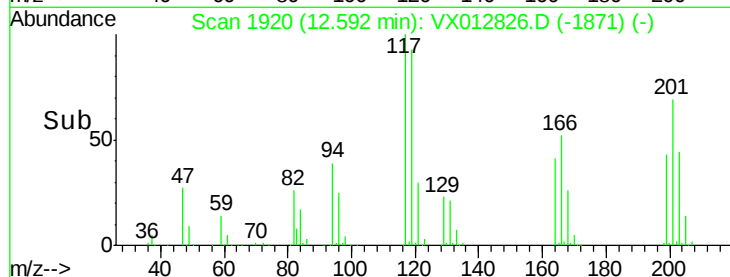
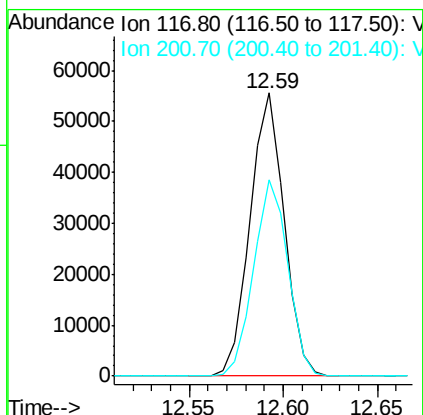
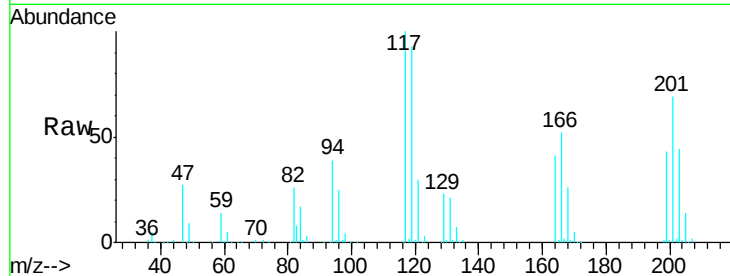




#90
Hexachloroethane
Concen: 49.457 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

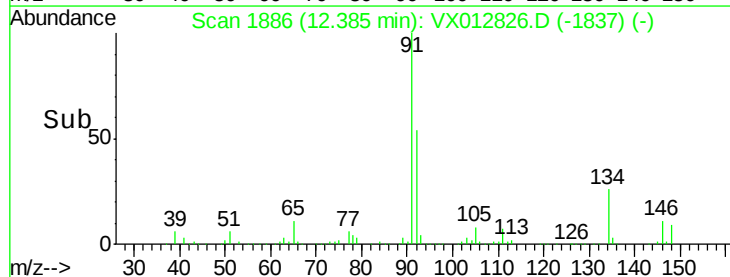
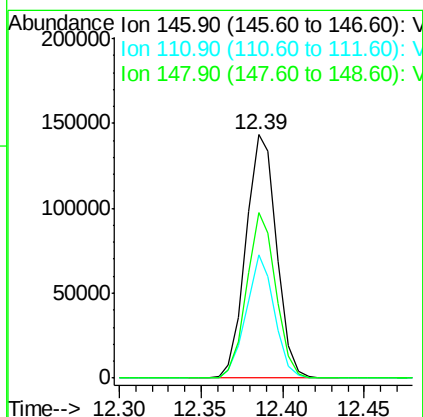
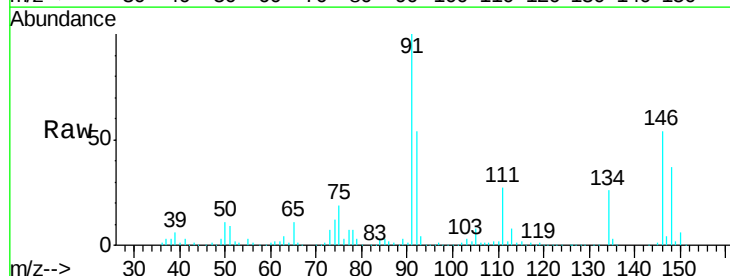
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MSD

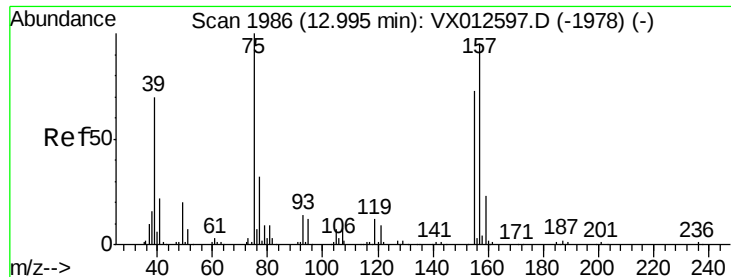
Tgt Ion:117 Resp: 69875
Ion Ratio Lower Upper
117 100
201 69.7 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 49.331 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012826.D
Acq: 04 Oct 2019 20:51

Tgt Ion:146 Resp: 187776
Ion Ratio Lower Upper
146 100
111 46.6 22.1 66.1
148 64.7 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.455 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

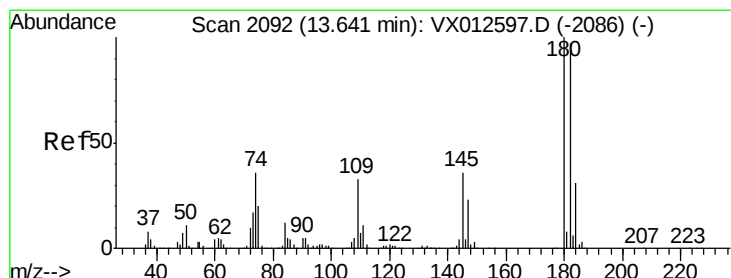
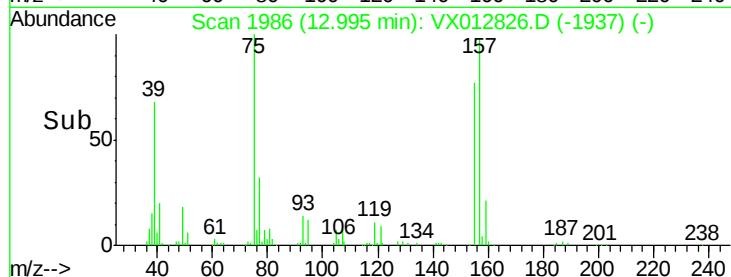
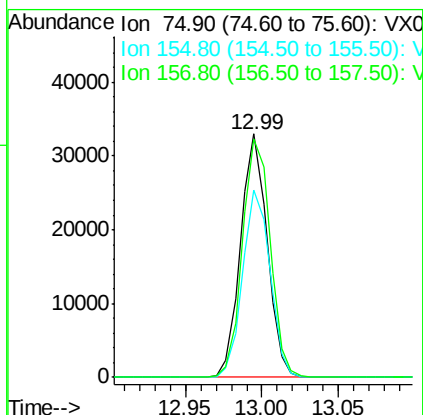
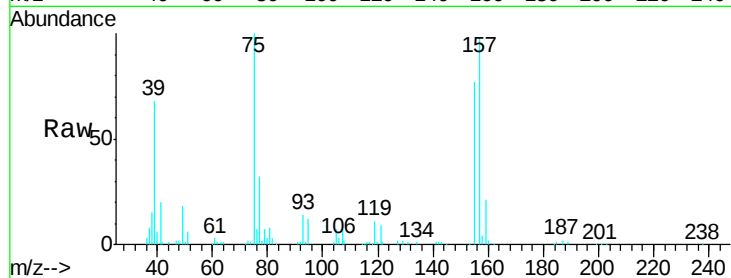
Tgt Ion: 75 Resp: 39792

Ion Ratio Lower Upper

75 100

155 79.3 38.6 115.8

157 102.6 50.6 151.9



#93

1,2,4-Trichlorobenzene

Concen: 50.214 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

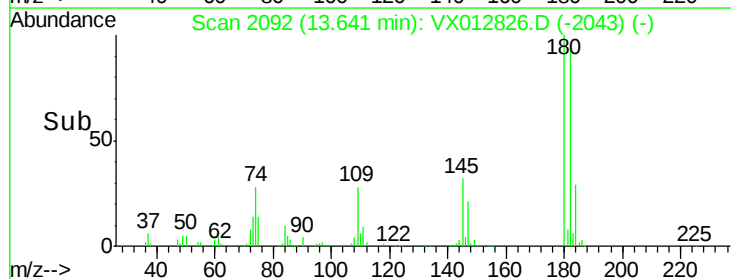
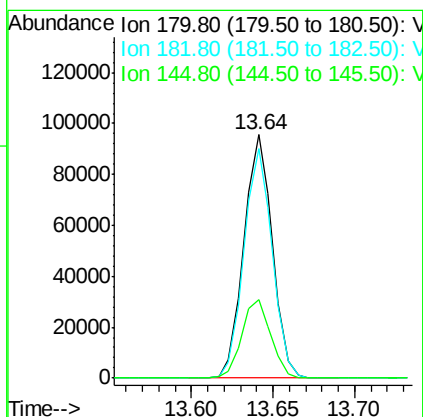
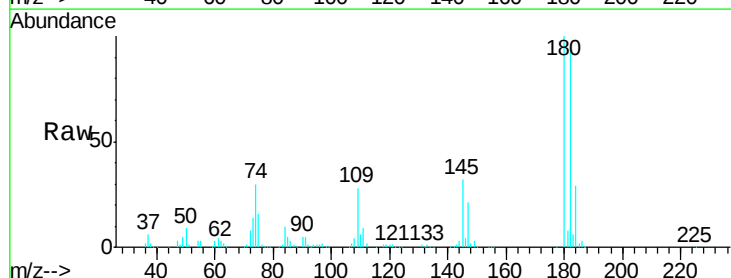
Tgt Ion: 180 Resp: 116564

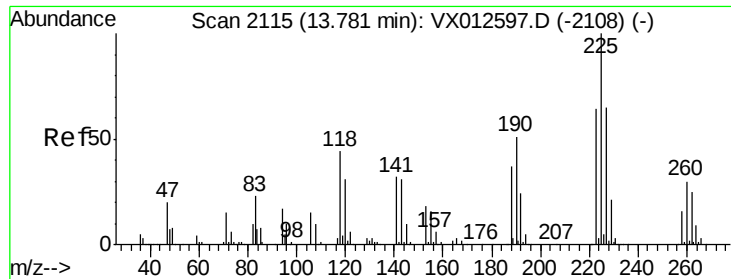
Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.0

145 32.6 16.8 50.4





#94

Hexachlorobutadiene

Concen: 48.789 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MSD

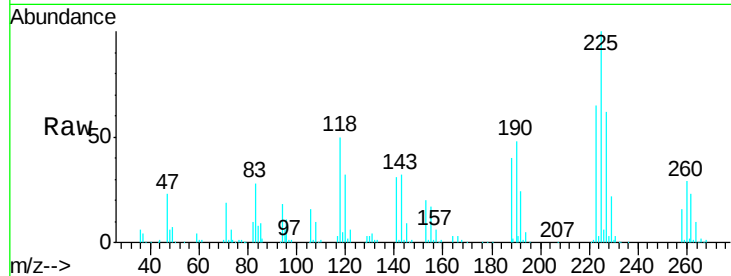
Tgt Ion:225 Resp: 48723

Ion Ratio Lower Upper

225 100

223 61.8 32.0 96.2

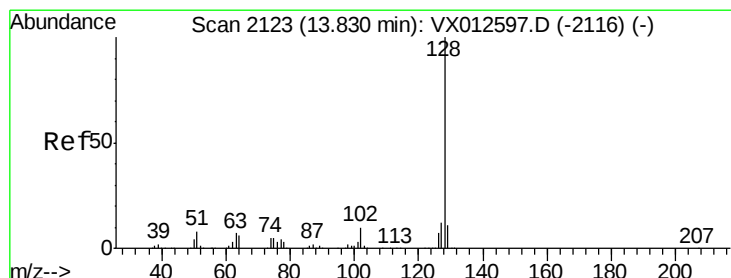
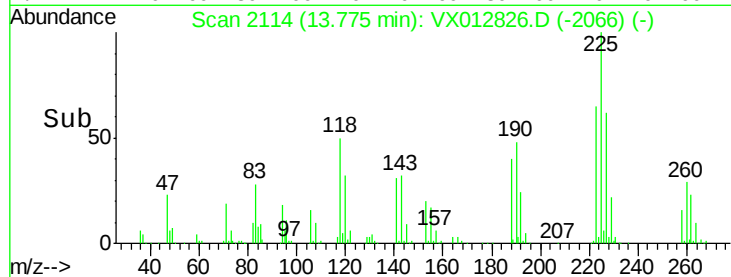
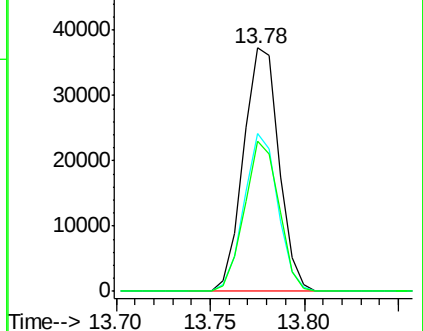
227 59.9 31.9 95.5



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: 49.736 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012826.D

Acq: 04 Oct 2019 20:51

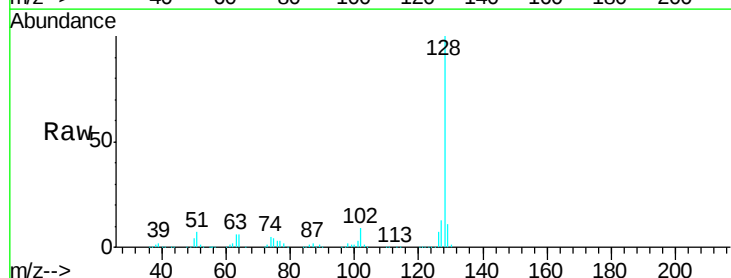
Tgt Ion:128 Resp: 417718

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

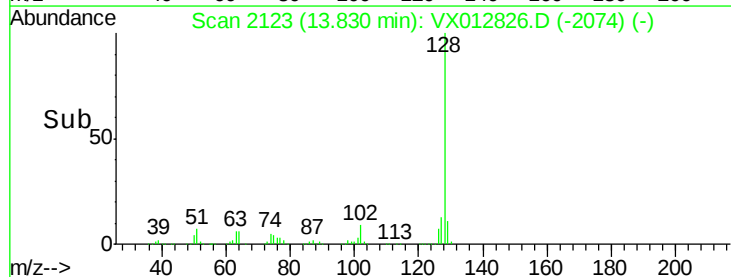
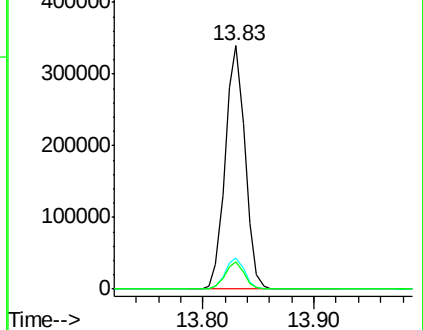
129 10.7 8.8 13.2

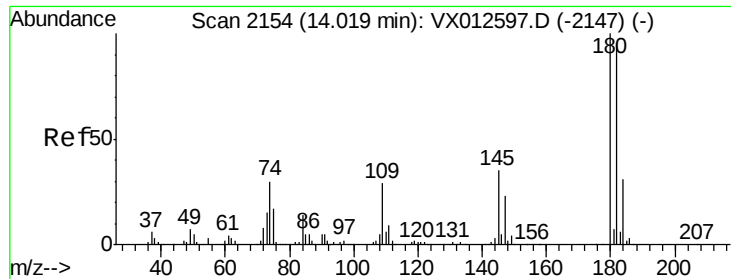


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

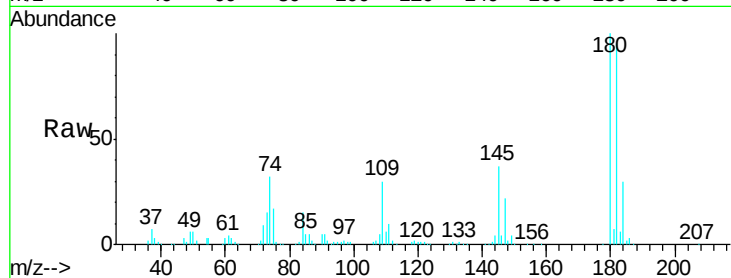




#96
 1,2,3-Trichlorobenzene
 Concen: 50.909 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012826.D
 Acq: 04 Oct 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.3
145	35.8	18.0	54.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

