

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX100419\
 Data File : VX012825.D
 Acq On : 04 Oct 2019 20:28
 Operator : JC/SP
 Sample : K5189-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Quant Time: Oct 05 04:25:55 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	153490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	109438	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.48	113	87150	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	320904	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	126241	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	70827	41.018	ug/l	99
3) Chloromethane	1.31	50	85506	43.124	ug/l	99
4) Vinyl Chloride	1.40	62	90158	45.747	ug/l	96
5) Bromomethane	1.62	94	29103	37.559	ug/l	99
6) Chloroethane	1.70	64	59551	44.823	ug/l	100
7) Trichlorofluoromethane	1.91	101	129653	46.856	ug/l	100
8) Diethyl Ether	2.18	74	56076	49.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77775	46.148	ug/l	98
10) Methyl Iodide	2.50	142	76008	43.522	ug/l	93
11) Tert butyl alcohol	3.04	59	148085	265.221	ug/l	100
12) 1,1-Dichloroethene	2.36	96	83091	50.349	ug/l	97
13) Acrolein	2.28	56	76463	246.006	ug/l	99
14) Allyl chloride	2.72	41	147283	44.983	ug/l	96
15) Acrylonitrile	3.13	53	292709	258.402	ug/l	99
16) Acetone	2.44	43	264592	223.493	ug/l	95
17) Carbon Disulfide	2.56	76	212878	46.013	ug/l	99
18) Methyl Acetate	2.76	43	115043	41.268	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	326699	52.301	ug/l	99
20) Methylene Chloride	2.84	84	101042	50.460	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	89951	49.199	ug/l	97
22) Diisopropyl ether	3.84	45	320217	50.614	ug/l	93
23) Vinyl Acetate	3.80	43	1094532	197.279	ug/l	98
24) 1,1-Dichloroethane	3.69	63	174851	50.844	ug/l	98
25) 2-Butanone	4.66	43	412250	242.853	ug/l	95
26) 2,2-Dichloropropane	4.57	77	67721	22.141	ug/l	88
27) cis-1,2-Dichloroethene	4.58	96	108260	51.032	ug/l	87
28) Bromochloromethane	5.00	49	65646	52.572	ug/l	96
29) Tetrahydrofuran	5.12	42	263339	254.519	ug/l	96
30) Chloroform	5.20	83	176118	50.057	ug/l	97
31) Cyclohexane	5.57	56	144947	46.590	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	151419	48.559	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126318	47.132	ug/l	99
37) Ethyl Acetate	4.82	43	124892	39.859	ug/l	96
38) Carbon Tetrachloride	5.78	117	128091	47.049	ug/l	97

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 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	7.45	83	136241	42.226	ug/l	98
40) Benzene	6.13	78	390663	49.541	ug/l	99
41) Methacrylonitrile	5.03	41	87369	49.698	ug/l	94
42) 1,2-Dichloroethane	6.18	62	144888	48.385	ug/l	97
43) Isopropyl Acetate	6.43	43	223256	42.607	ug/l	97
44) Trichloroethene	7.20	130	97824	48.526	ug/l	92
45) 1,2-Dichloropropane	7.51	63	102548	50.794	ug/l	100
46) Dibromomethane	7.65	93	68520	49.848	ug/l	99
47) Bromodichloromethane	7.89	83	137583	50.080	ug/l	99
48) Methyl methacrylate	7.76	41	123072	48.984	ug/l	92
49) 1,4-Dioxane	7.73	88	61586	1080.684	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	797726	246.631	ug/l	94
52) Toluene	8.78	92	243382	49.107	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132213	43.497	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145395	43.810	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	102187	51.860	ug/l	99
56) Ethyl methacrylate	9.17	69	168003	50.751	ug/l	91
57) 1,3-Dichloropropane	9.37	76	175178	50.797	ug/l	99
59) 2-Hexanone	9.49	43	620922	250.795	ug/l	93
60) Dibromochloromethane	9.58	129	103973	52.126	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105434	51.414	ug/l	99
64) Tetrachloroethene	9.33	164	86994	49.744	ug/l	92
65) Chlorobenzene	10.14	112	255848	48.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97591	50.993	ug/l	98
67) Ethyl Benzene	10.25	91	464700	48.506	ug/l	100
68) m/p-Xylenes	10.35	106	344840	96.089	ug/l	100
69) o-Xylene	10.70	106	170678	49.151	ug/l	99
70) Styrene	10.71	104	296416	50.918	ug/l	99
71) Bromoform	10.85	173	73198	54.929	ug/l #	99
73) Isopropylbenzene	11.01	105	455268	48.716	ug/l	100
74) N-amyl acetate	10.89	43	175353	39.331	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	160005	51.697	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	173122	57.038	ug/l	87
77) Bromobenzene	11.25	156	107559	50.853	ug/l	96
78) n-propylbenzene	11.35	91	499807	47.505	ug/l	99
79) 2-Chlorotoluene	11.42	91	310769	47.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	375659	47.935	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	38217	36.084	ug/l	95
82) 4-Chlorotoluene	11.51	91	358978	47.980	ug/l	98
83) tert-Butylbenzene	11.77	119	374429	49.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386543	48.894	ug/l	98
85) sec-Butylbenzene	11.94	105	421381	47.924	ug/l	100
86) p-Isopropyltoluene	12.06	119	380602	47.972	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188470	49.514	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	189534	49.277	ug/l	99
89) n-Butylbenzene	12.39	91	300347	42.960	ug/l	100
90) Hexachloroethane	12.59	117	68581	48.486	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	191354	50.214	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39604	51.154	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	108700	46.773	ug/l	98

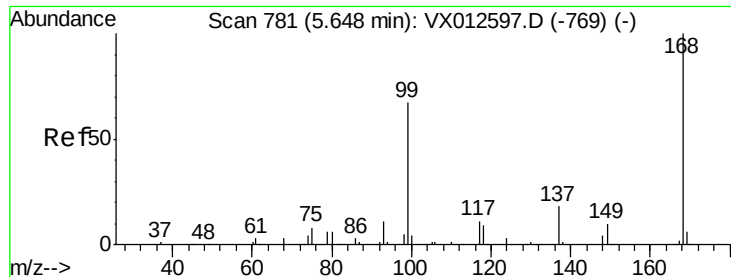
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	45493	45.503	ug/l	99
95) Naphthalene	13.83	128	414827	49.336	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	112944	48.515	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

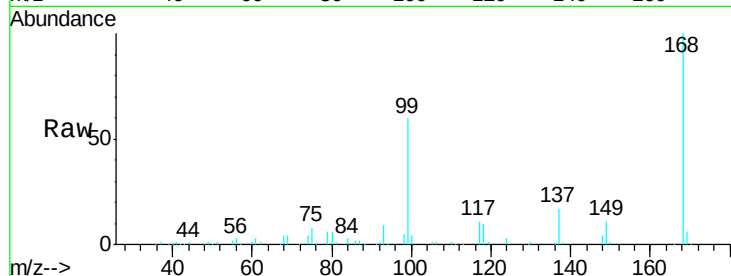
SA-MW127D-20190930MS

Tgt Ion:168 Resp: 153490

Ion Ratio Lower Upper

168 100

99 60.1 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

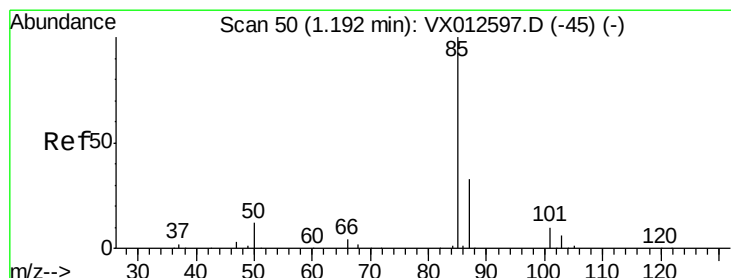
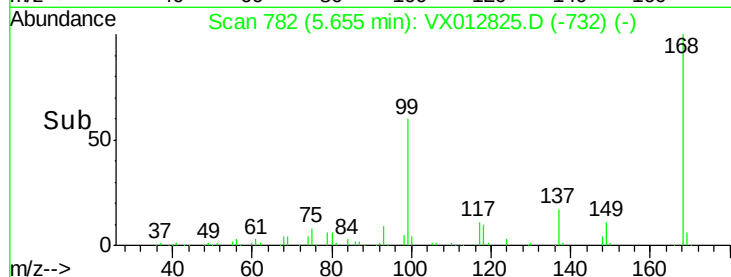
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.018 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012825.D

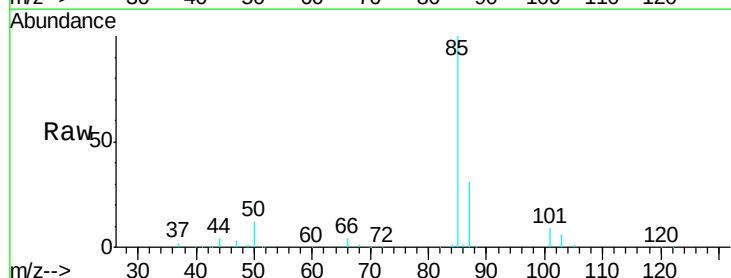
Acq: 04 Oct 2019 20:28

Tgt Ion: 85 Resp: 70827

Ion Ratio Lower Upper

85 100

87 30.8 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

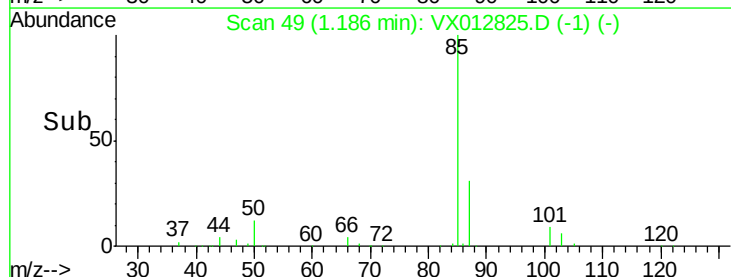
60000

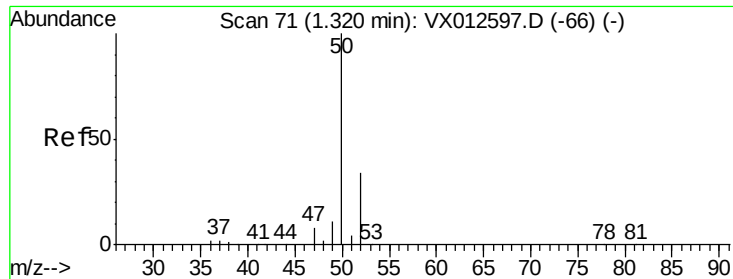
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.124 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

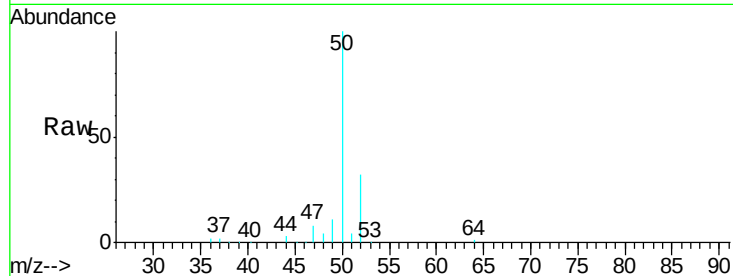
SA-MW127D-20190930MS

Tgt Ion: 50 Resp: 85506

Ion Ratio Lower Upper

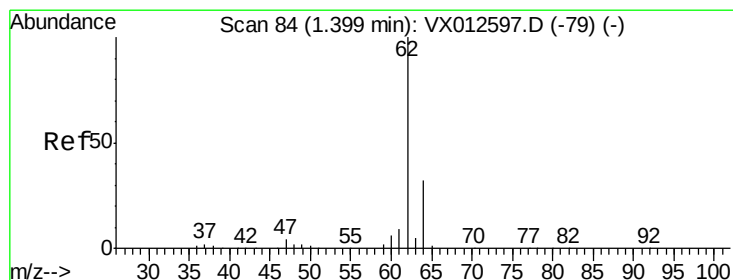
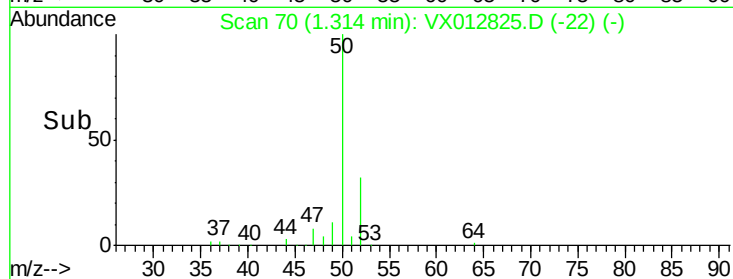
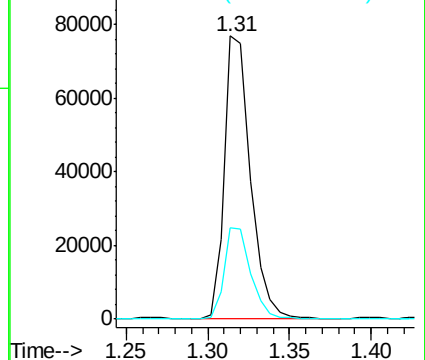
50 100

52 32.4 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: 45.747 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012825.D

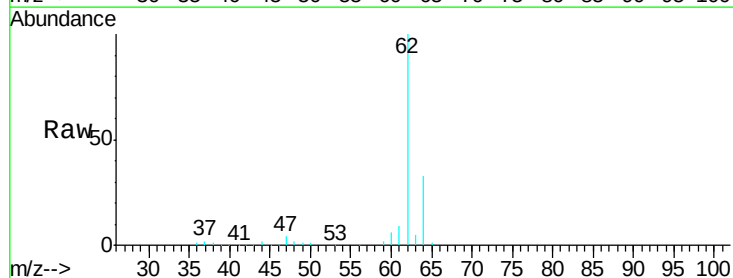
Acq: 04 Oct 2019 20:28

Tgt Ion: 62 Resp: 90158

Ion Ratio Lower Upper

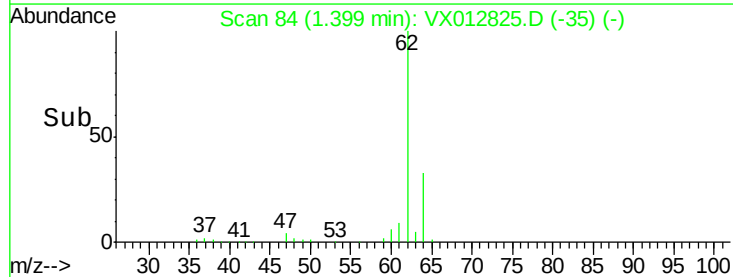
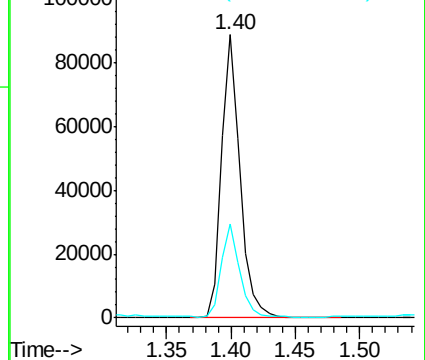
62 100

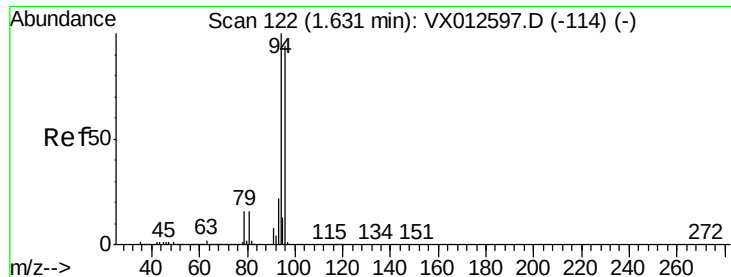
64 32.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.559 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

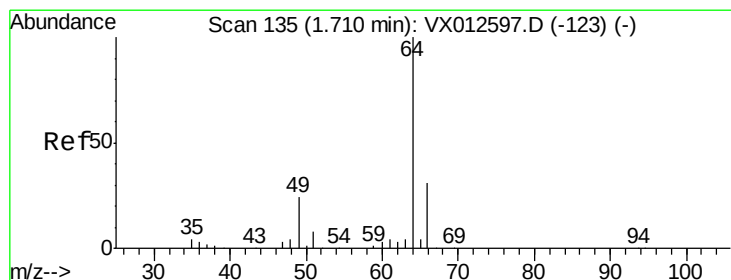
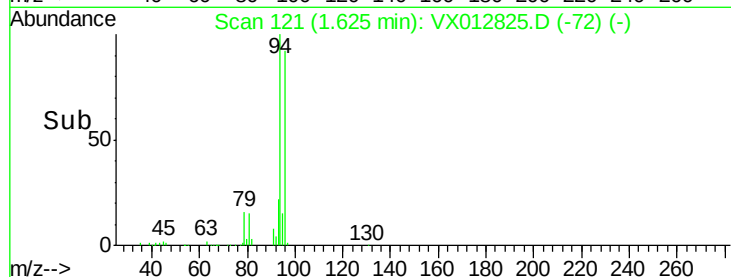
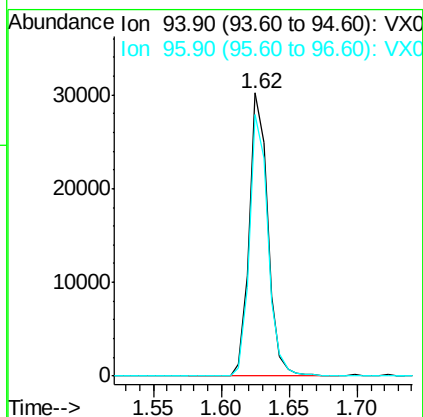
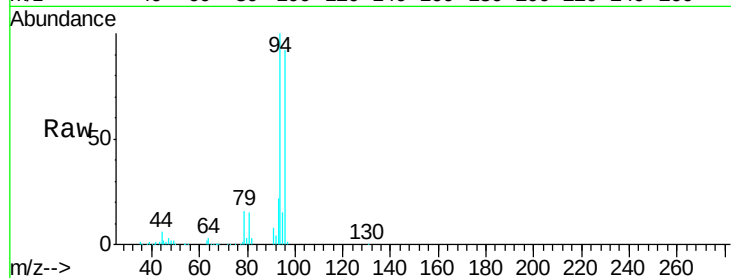
SA-MW127D-20190930MS

Tgt Ion: 94 Resp: 29103

Ion Ratio Lower Upper

94 100

96 92.2 72.8 109.2



#6

Chloroethane

Concen: 44.823 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012825.D

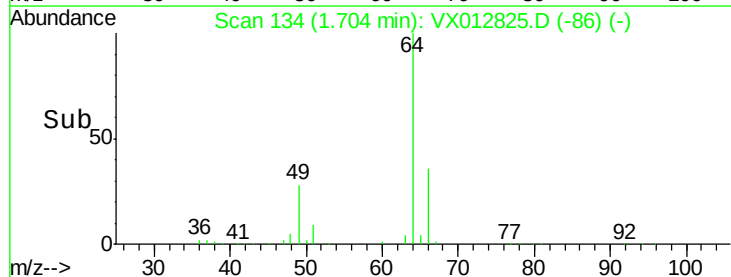
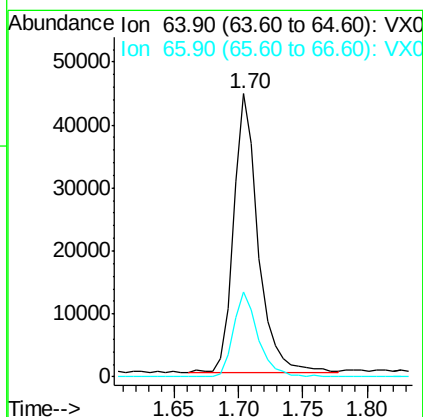
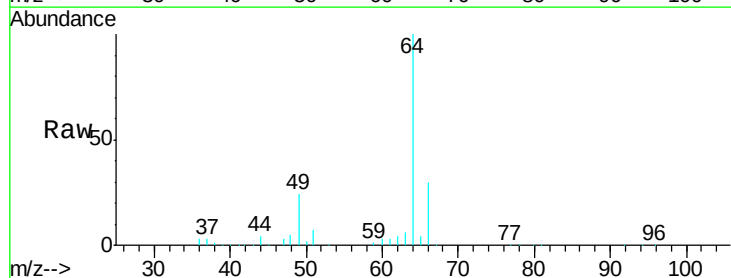
Acq: 04 Oct 2019 20:28

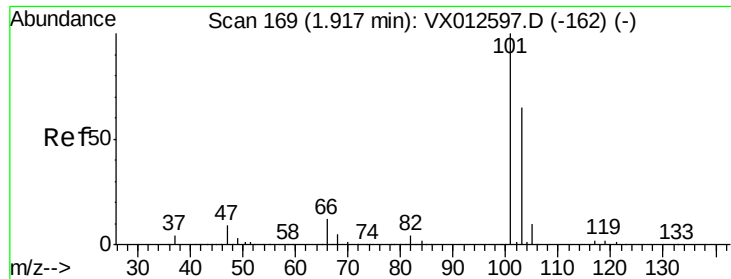
Tgt Ion: 64 Resp: 59551

Ion Ratio Lower Upper

64 100

66 30.3 24.0 36.0



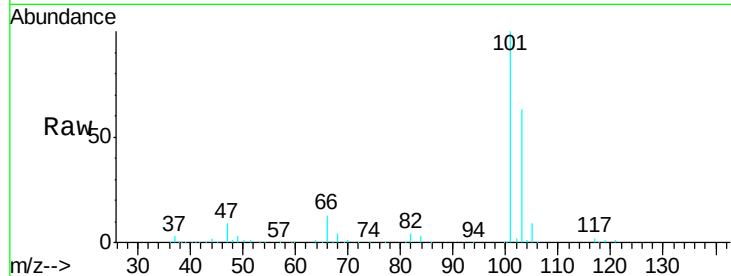


#7

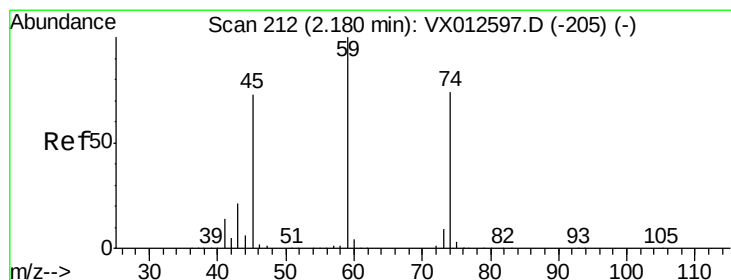
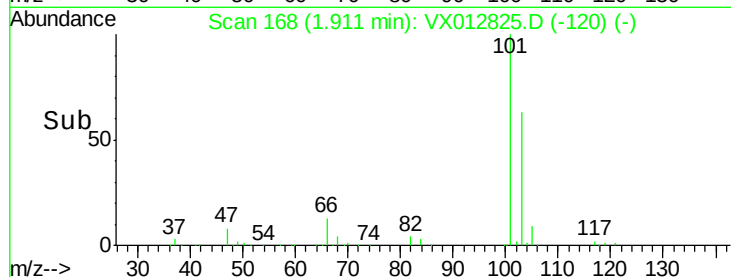
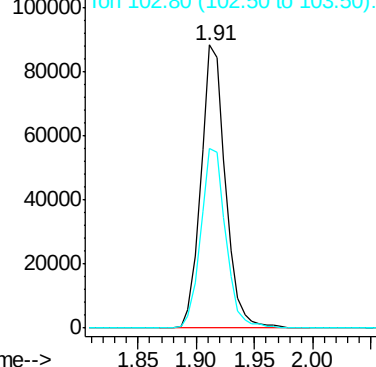
Trichlorofluoromethane
Concen: 46.856 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

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MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tgt Ion:101 Resp: 129653
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.4



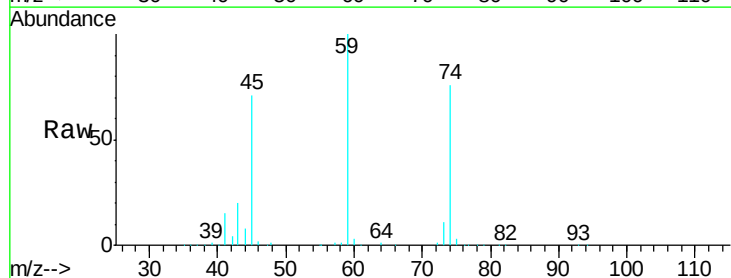
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



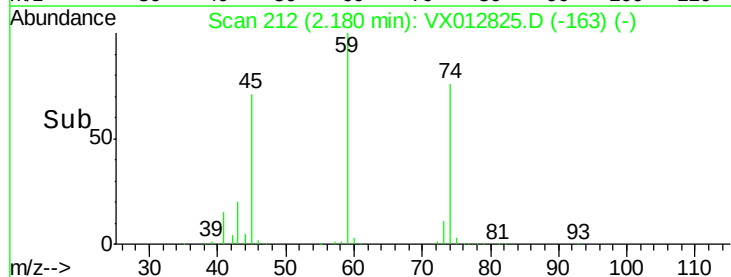
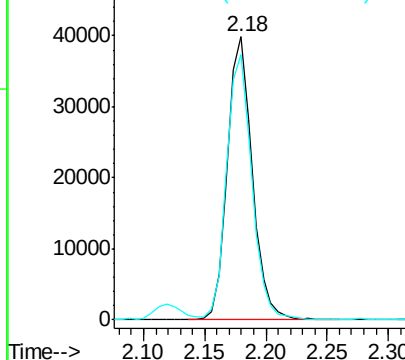
#8

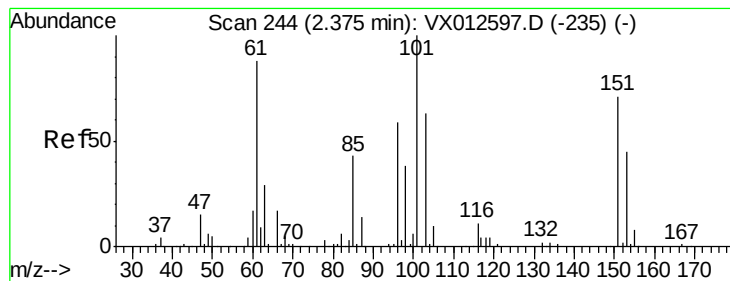
Diethyl Ether
Concen: 49.452 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 74 Resp: 56076
Ion Ratio Lower Upper
74 100
45 95.2 49.9 149.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.148 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

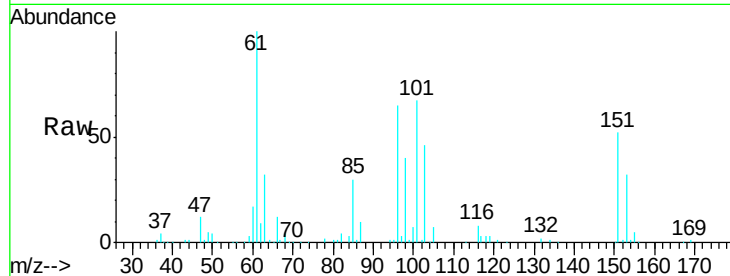
Tgt Ion:101 Resp: 77775

Ion Ratio Lower Upper

101 100

85 44.3 37.3 55.9

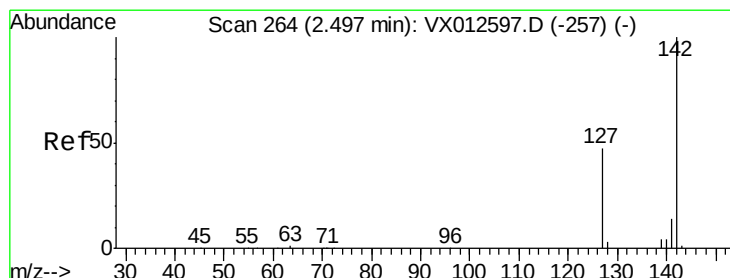
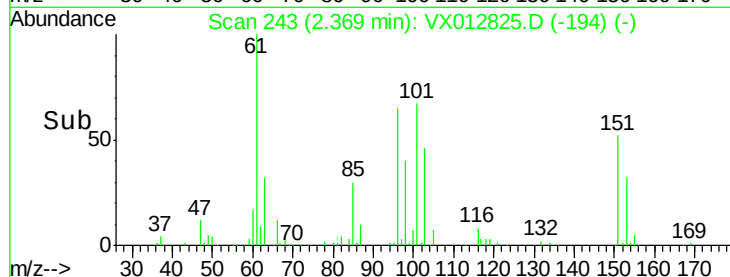
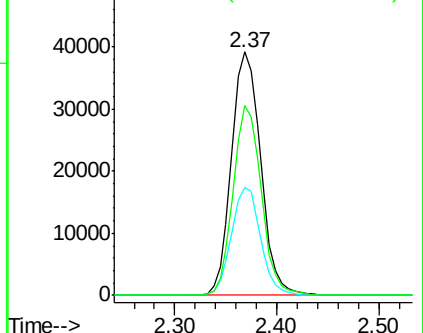
151 75.0 61.0 91.4



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: 43.522 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

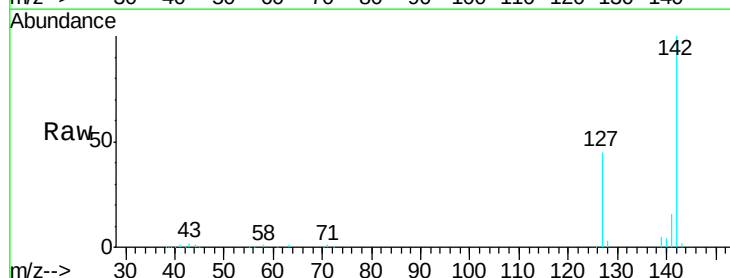
Tgt Ion:142 Resp: 76008

Ion Ratio Lower Upper

142 100

127 44.9 40.8 61.2

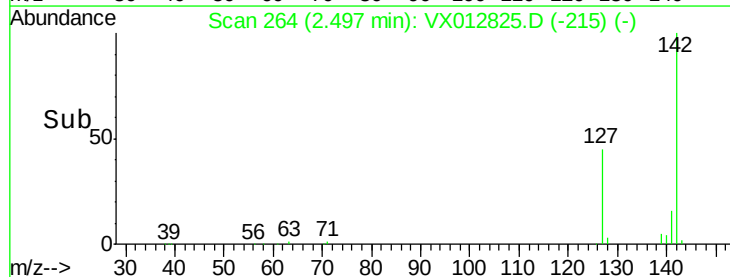
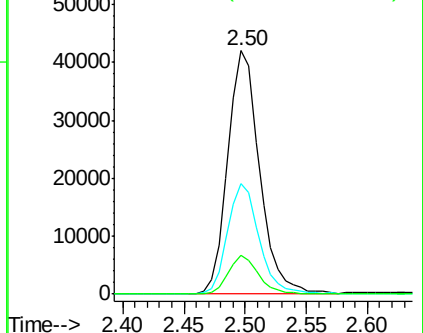
141 15.0 12.1 18.1

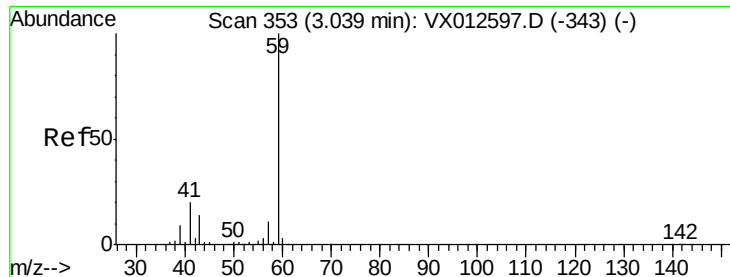


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



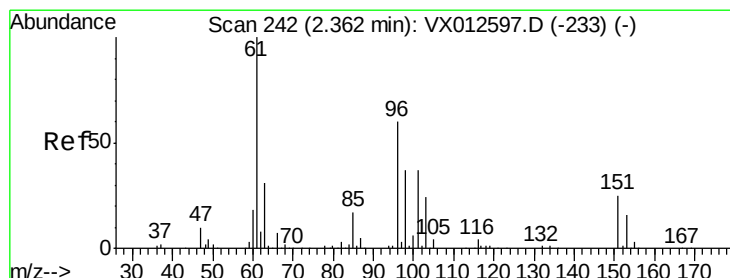
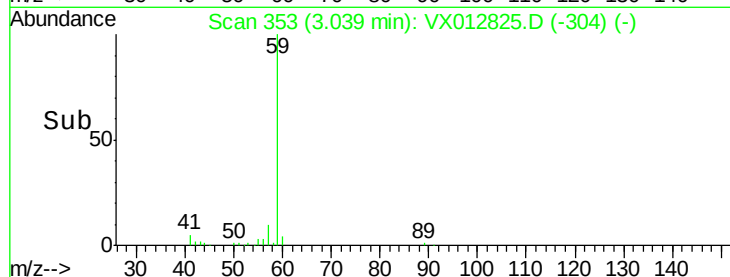
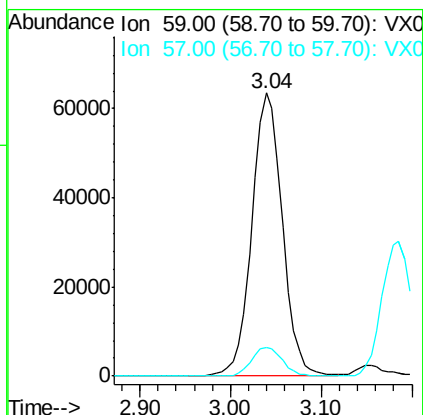
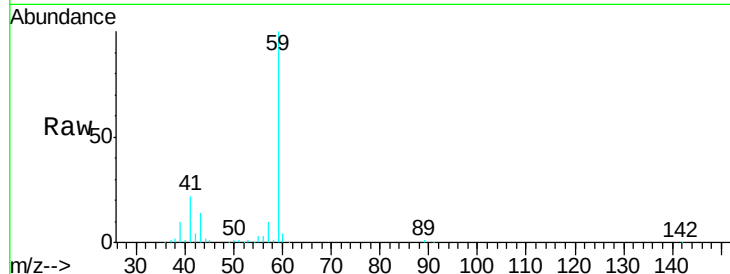


#11

Tert butyl alcohol
 Concen: 265.221 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

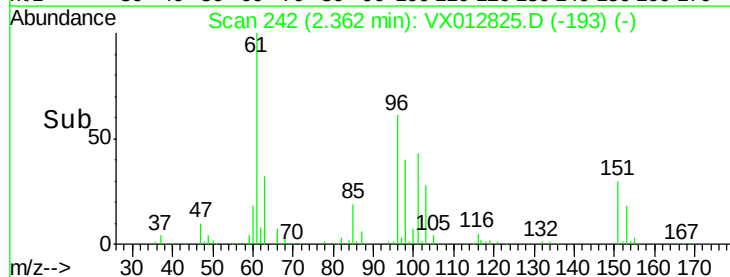
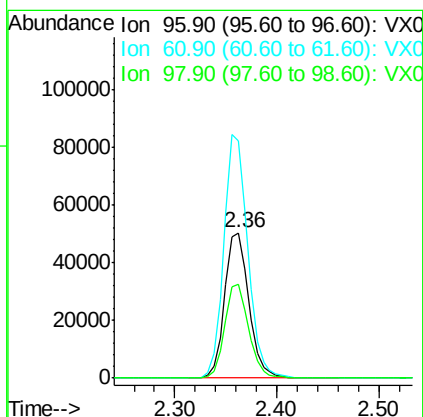
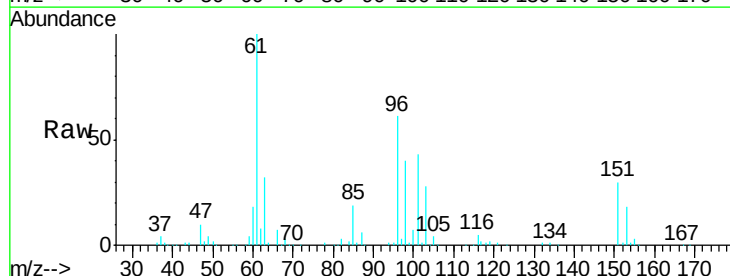
Tgt Ion: 59 Resp: 148085
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

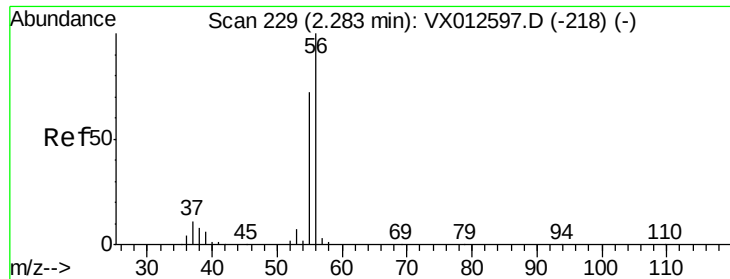


#12

1,1-Dichloroethene
 Concen: 50.349 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 96 Resp: 83091
 Ion Ratio Lower Upper
 96 100
 61 163.2 133.8 200.6
 98 64.5 49.9 74.9





#13

Acrolein

Concen: 246.006 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

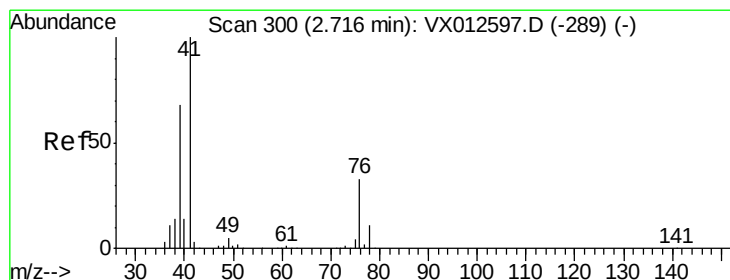
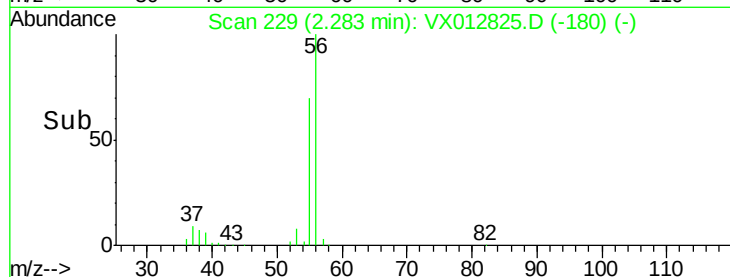
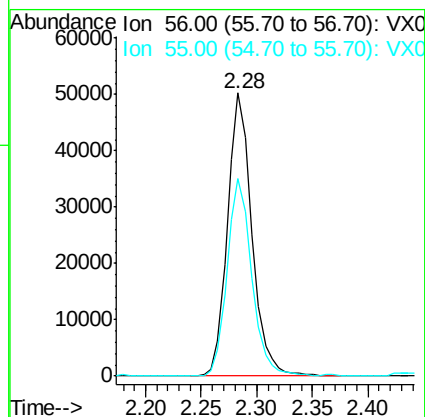
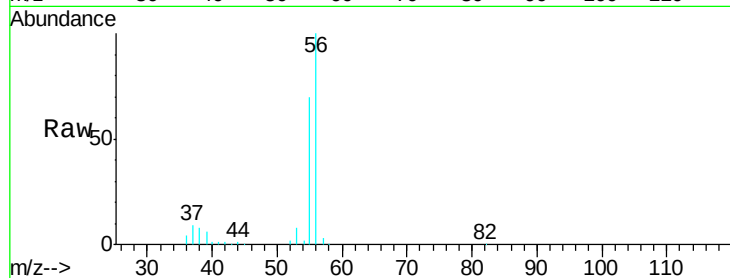
SA-MW127D-20190930MS

Tgt Ion: 56 Resp: 76463

Ion Ratio Lower Upper

56 100

55 70.4 55.8 83.8



#14

Allyl chloride

Concen: 44.983 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

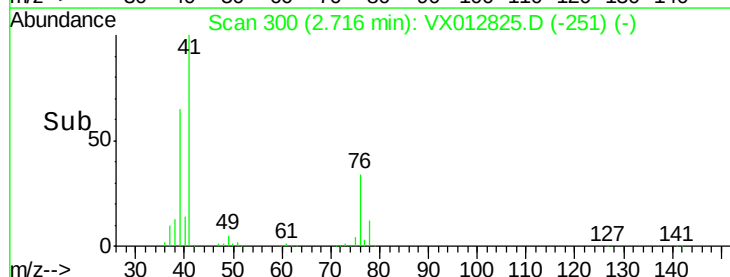
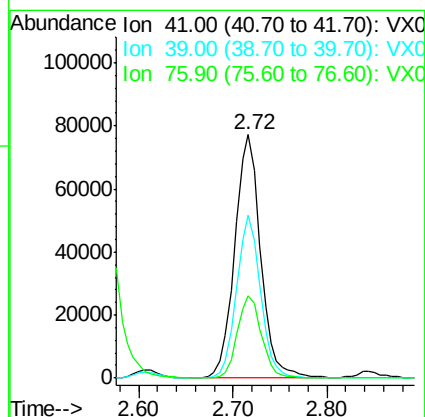
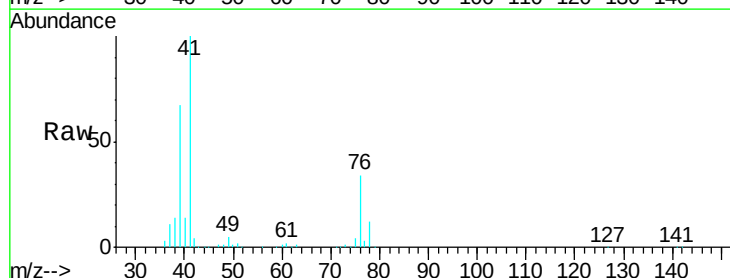
Tgt Ion: 41 Resp: 147283

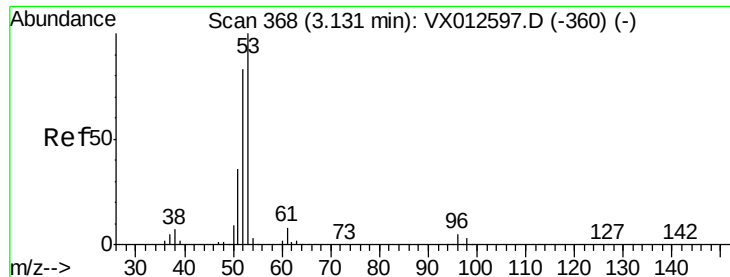
Ion Ratio Lower Upper

41 100

39 61.7 51.3 76.9

76 31.7 22.6 33.8





#15

Acrylonitrile

Concen: 258.402 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

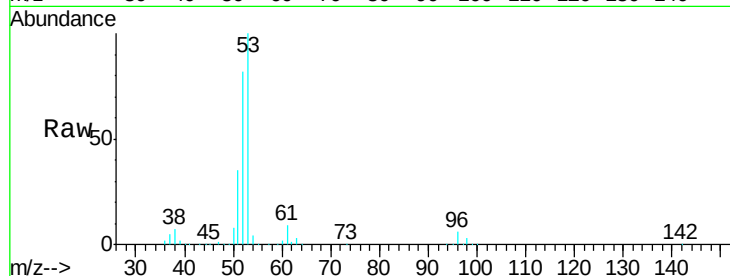
Tgt Ion: 53 Resp: 292709

Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.4

51 36.0 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX012597.D (-360) (-)

Ion 52.00 (51.70 to 52.70): VX012597.D (-360) (-)

Ion 51.00 (50.70 to 51.70): VX012597.D (-360) (-)

3.13

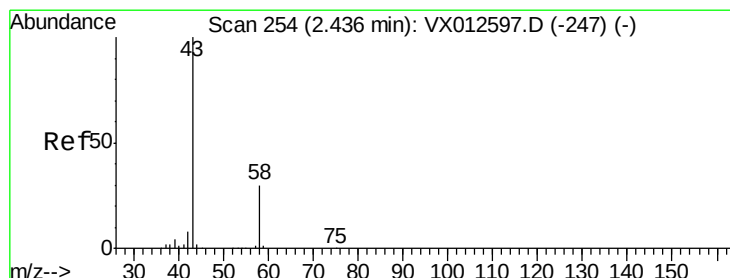
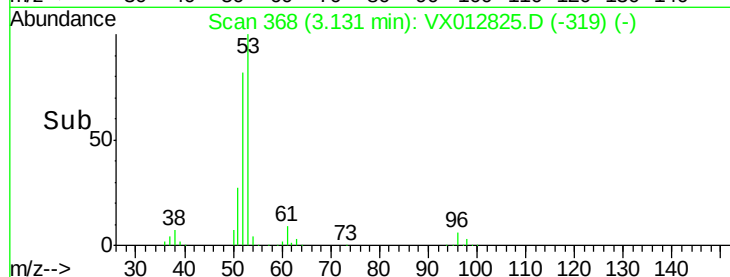
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 223.493 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012825.D

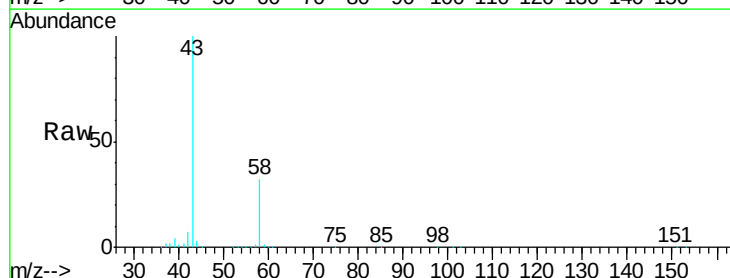
Acq: 04 Oct 2019 20:28

Tgt Ion: 43 Resp: 264592

Ion Ratio Lower Upper

43 100

58 31.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX012597.D (-247) (-)

2.44

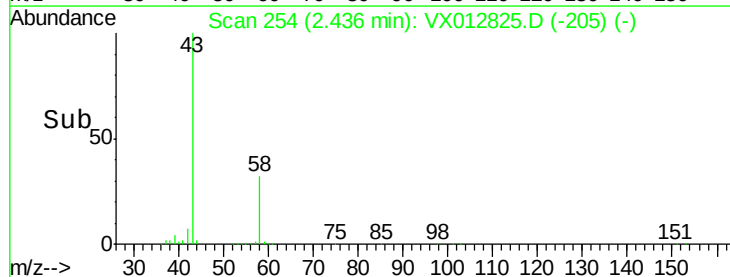
150000

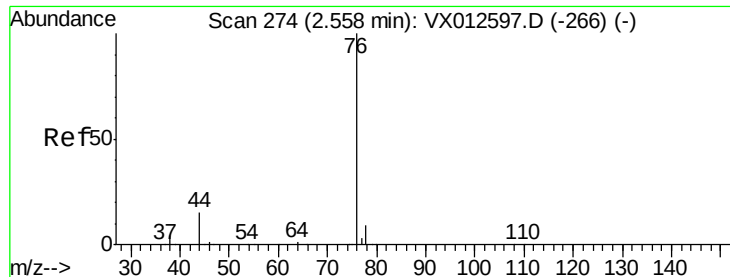
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 46.013 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

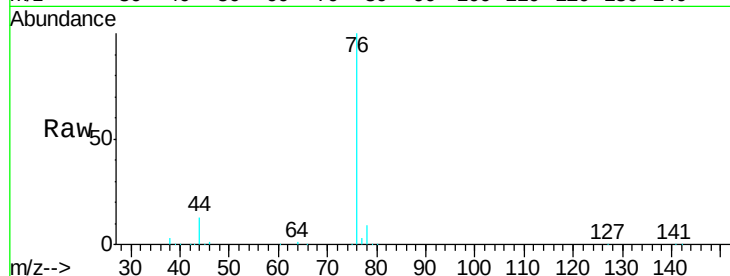
SA-MW127D-20190930MS

Tgt Ion: 76 Resp: 212878

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

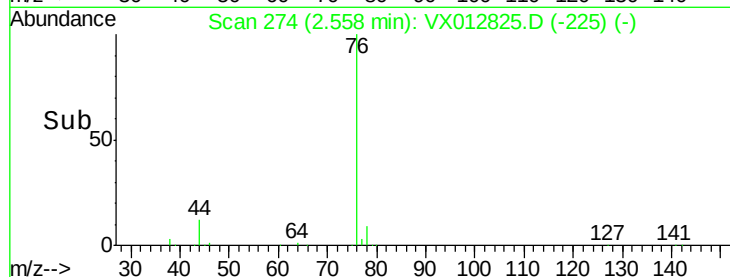
2.56

100000

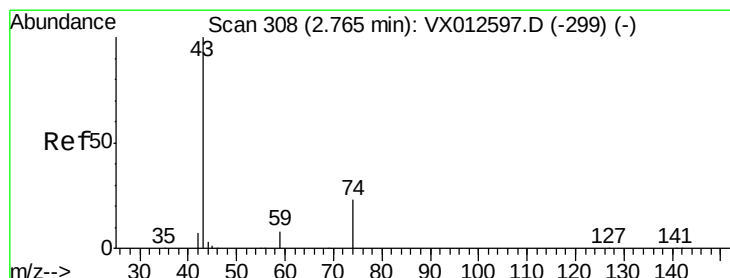
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 41.268 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012825.D

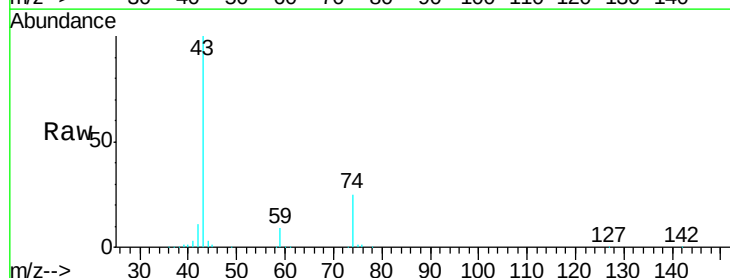
Acq: 04 Oct 2019 20:28

Tgt Ion: 43 Resp: 115043

Ion Ratio Lower Upper

43 100

74 24.6 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

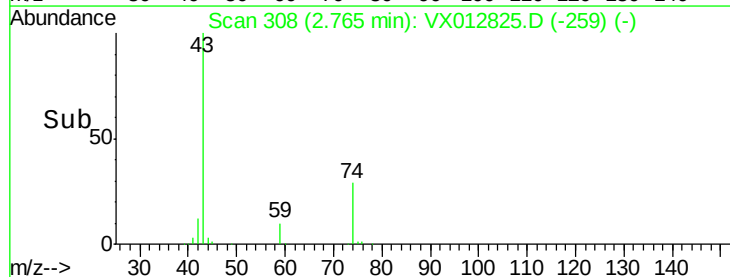
60000

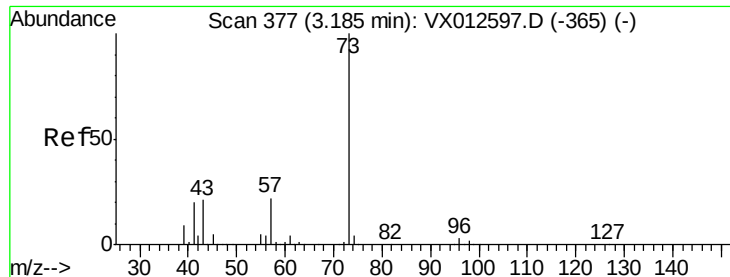
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 52.301 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

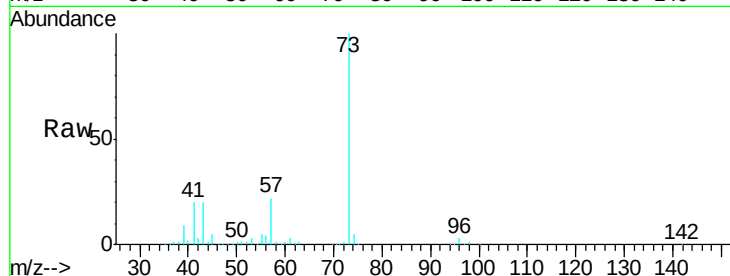
SA-MW127D-20190930MS

Tgt Ion: 73 Resp: 326699

Ion Ratio Lower Upper

73 100

57 21.7 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

150000

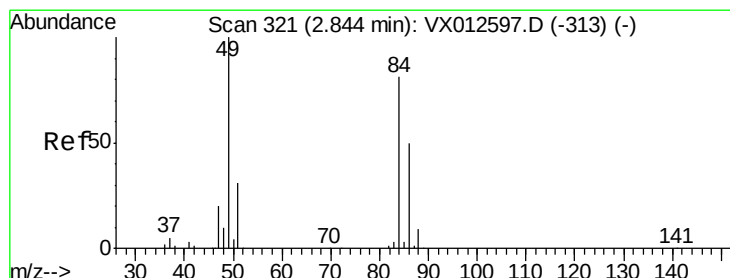
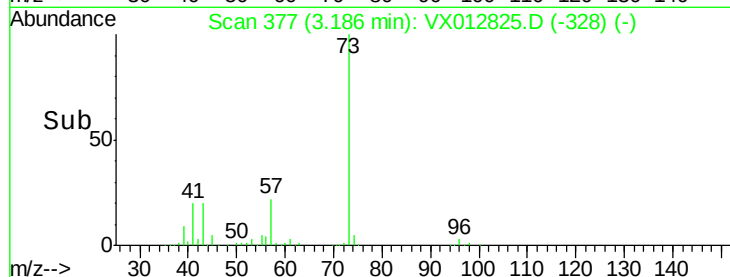
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 50.460 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion: 84 Resp: 101042

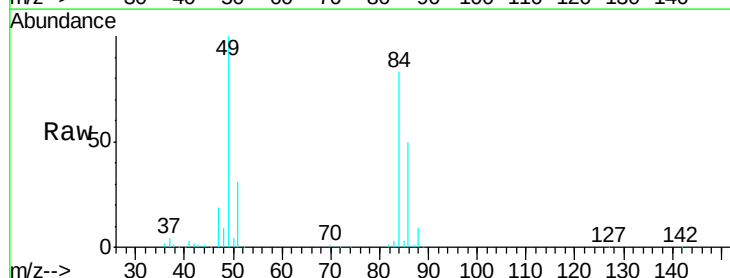
Ion Ratio Lower Upper

84 100

49 121.2 106.8 160.2

51 37.1 32.3 48.5

86 61.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

100000

80000

60000

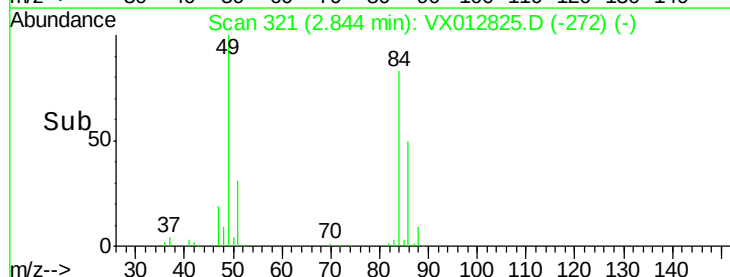
40000

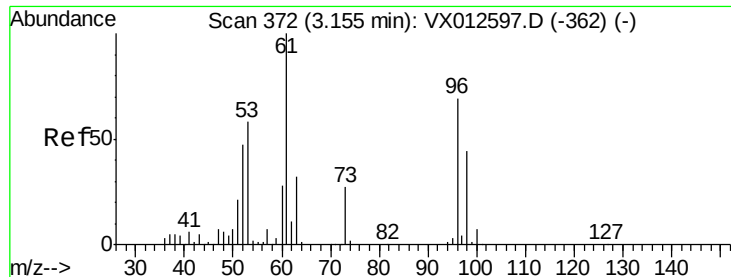
20000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.199 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

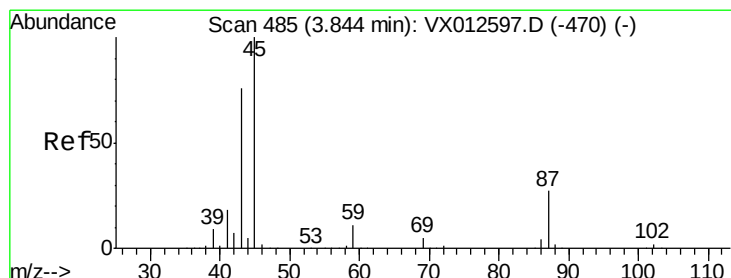
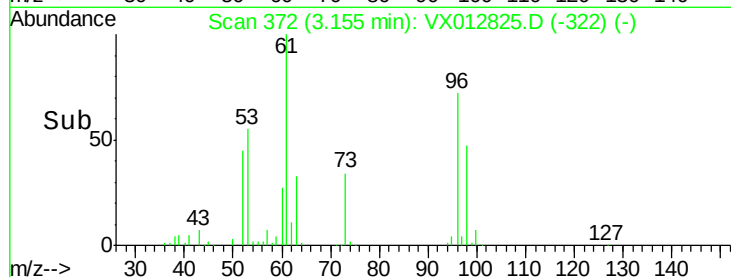
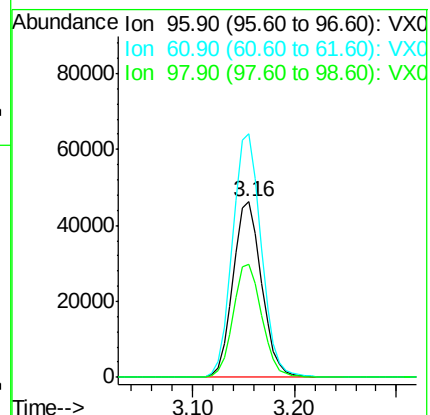
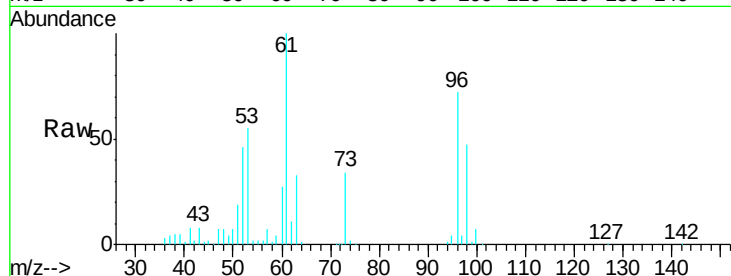
Tgt Ion: 96 Resp: 89951

Ion Ratio Lower Upper

96 100

61 139.0 112.0 168.0

98 64.8 47.8 71.8



#22

Diisopropyl ether

Concen: 50.614 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion: 45 Resp: 320217

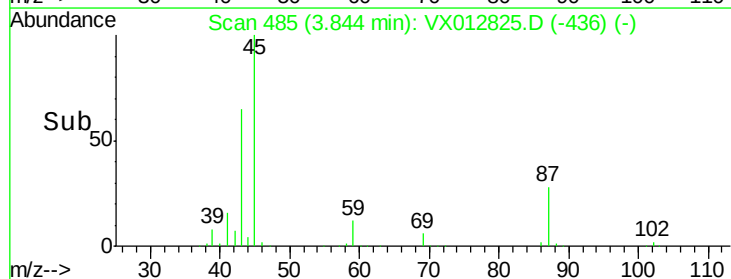
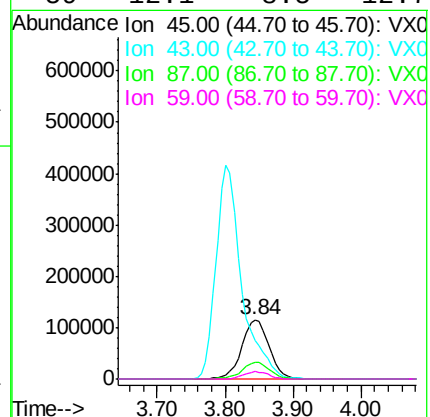
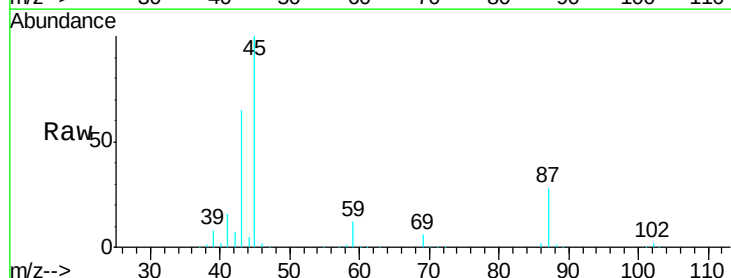
Ion Ratio Lower Upper

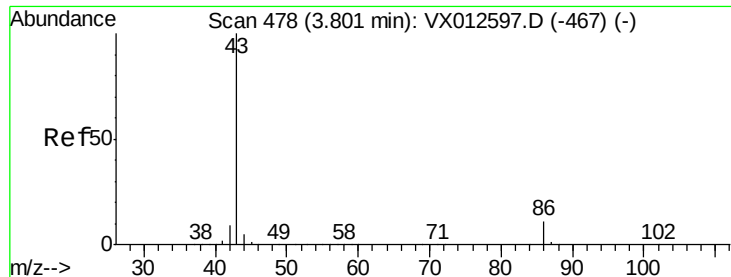
45 100

43 65.0 57.8 86.8

87 27.8 21.3 31.9

59 12.1 8.5 12.7

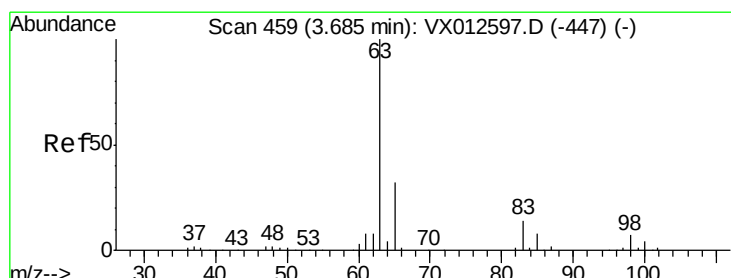
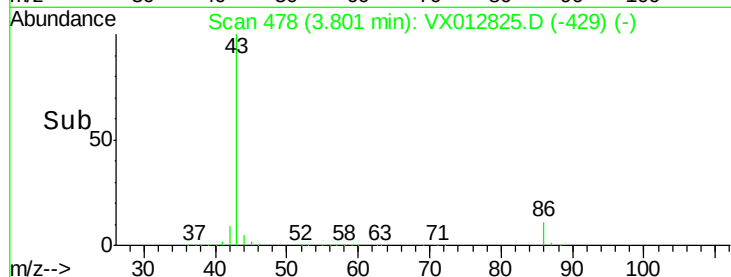
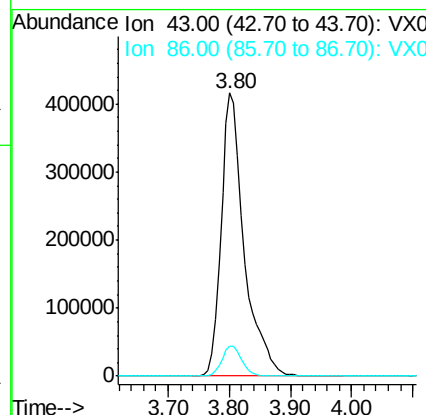
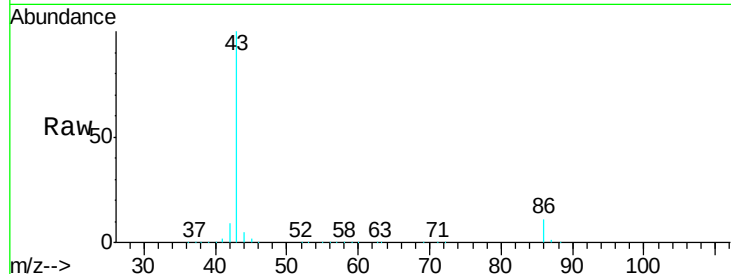




#23
 Vinyl Acetate
 Concen: 197.279 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

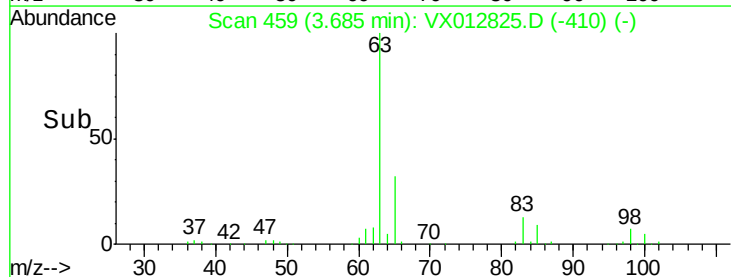
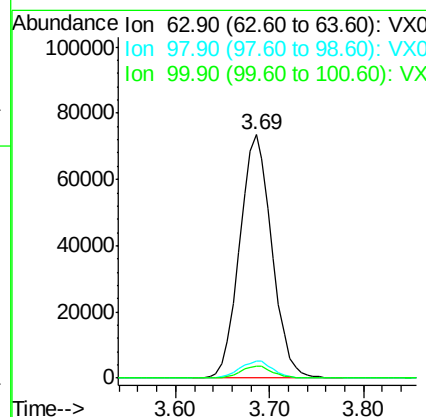
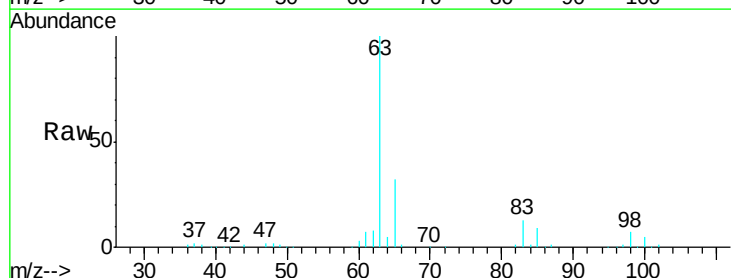
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

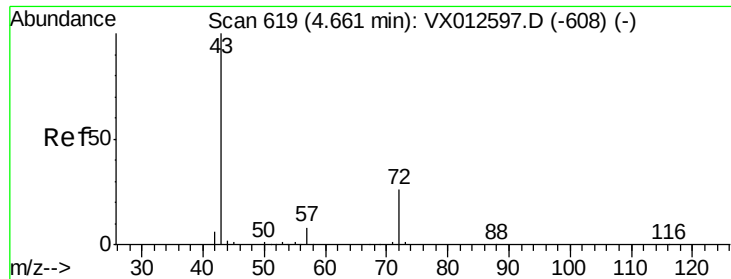
Tgt Ion: 43 Resp: 1094532
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.844 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 63 Resp: 174851
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.1 2.3 6.9





#25

2-Butanone

Concen: 242.853 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

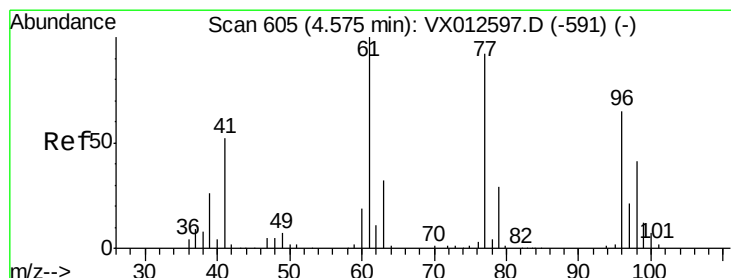
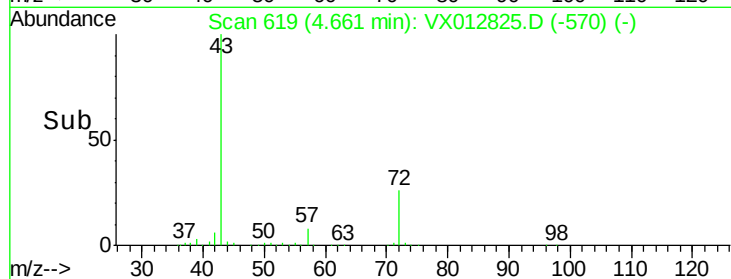
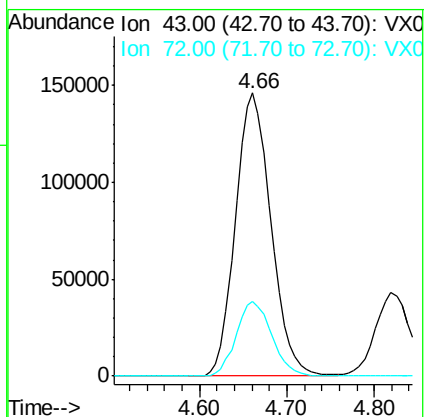
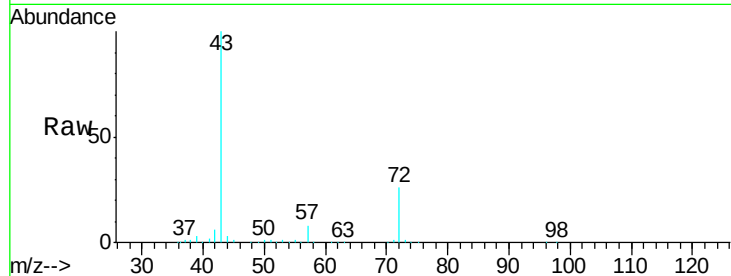
SA-MW127D-20190930MS

Tgt Ion: 43 Resp: 412250

Ion Ratio Lower Upper

43 100

72 26.2 19.2 28.8



#26

2,2-Dichloropropane

Concen: 22.141 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012825.D

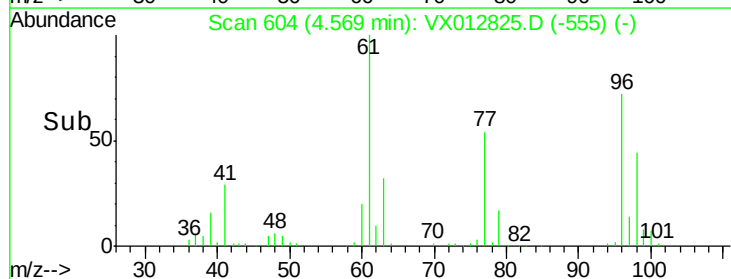
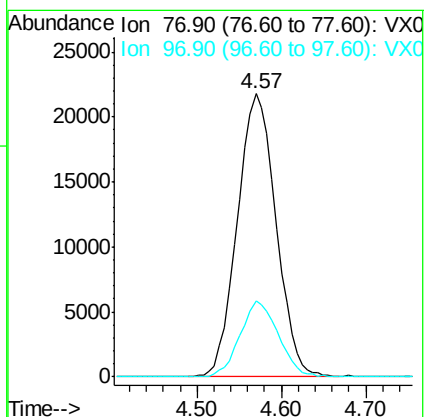
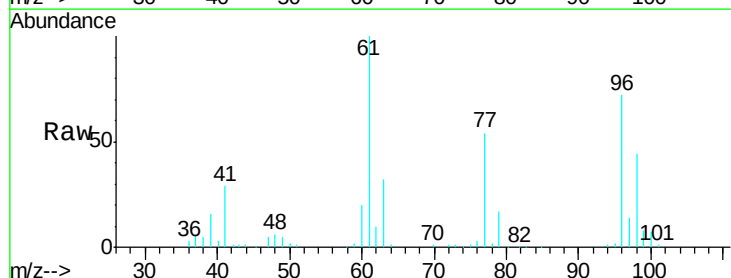
Acq: 04 Oct 2019 20:28

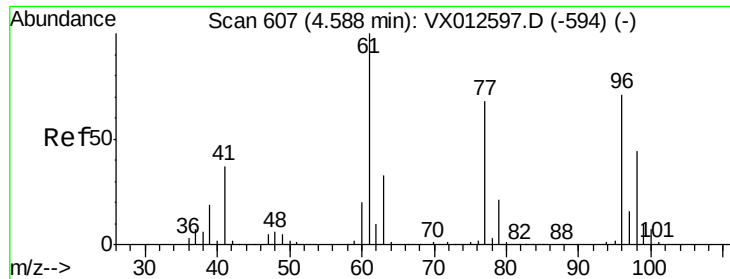
Tgt Ion: 77 Resp: 67721

Ion Ratio Lower Upper

77 100

97 26.5 10.5 31.6



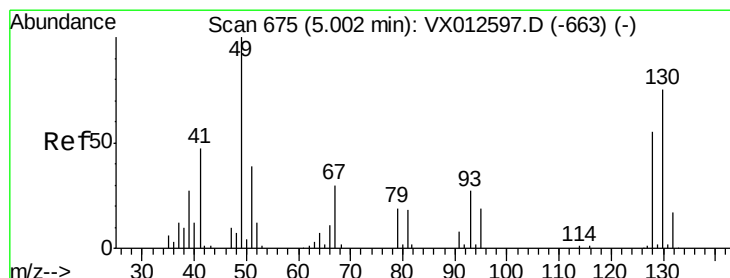
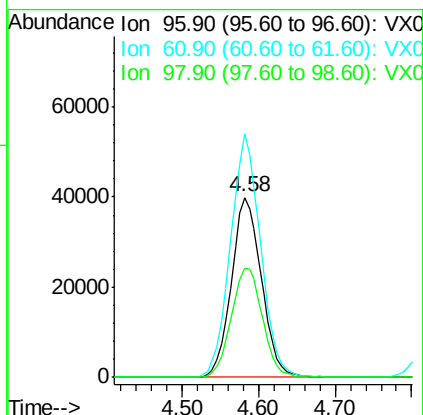
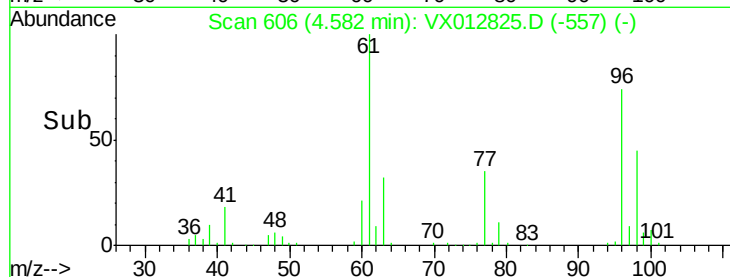
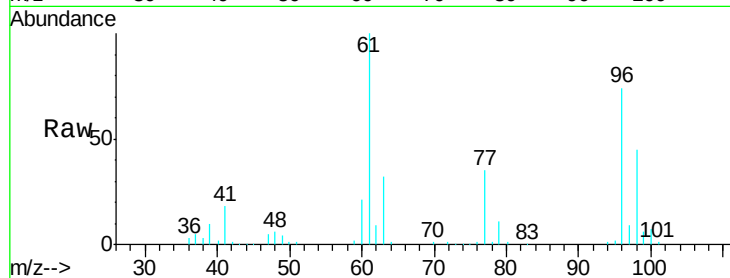


#27

cis-1,2-Dichloroethene
Concen: 51.032 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

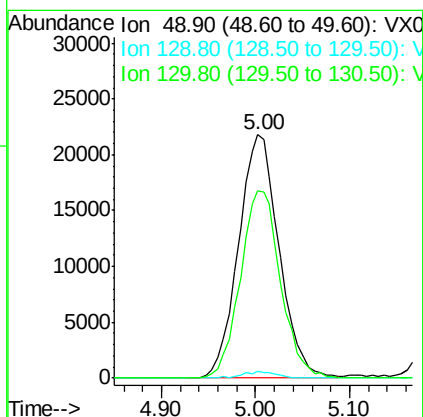
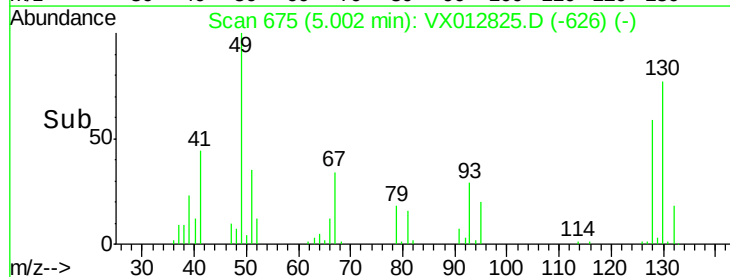
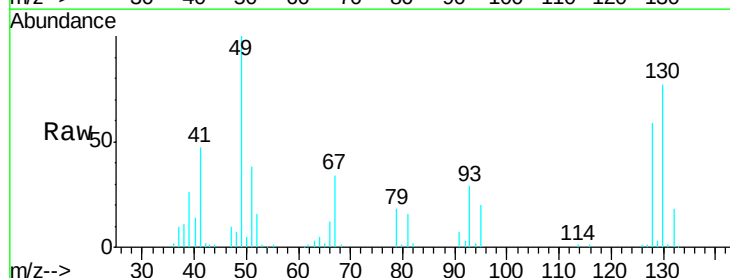
Tgt Ion: 96 Resp: 108260
Ion Ratio Lower Upper
96 100
61 136.1 0.0 319.4
98 63.1 0.0 130.6

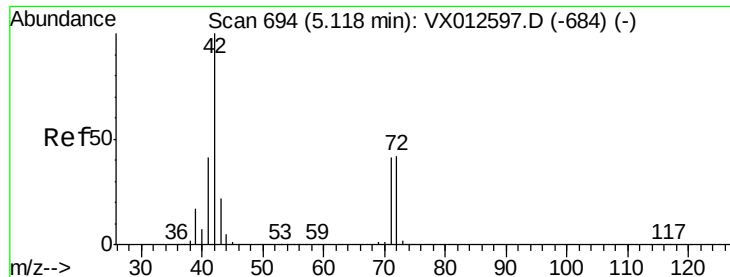


#28

Bromochloromethane
Concen: 52.572 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 49 Resp: 65646
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 76.1 58.2 87.4





#29

Tetrahydrofuran

Concen: 254.519 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

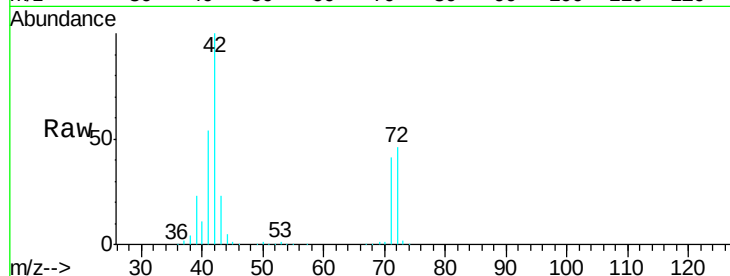
Tgt Ion: 42 Resp: 263339

Ion Ratio Lower Upper

42 100

72 45.8 34.0 51.0

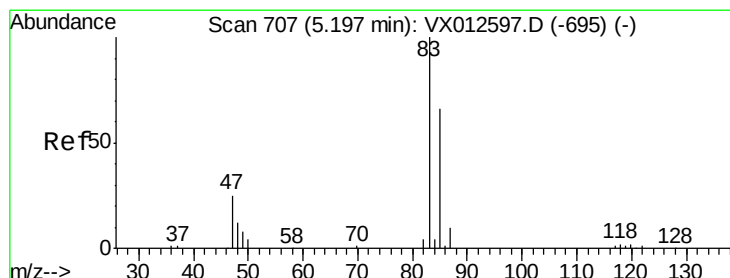
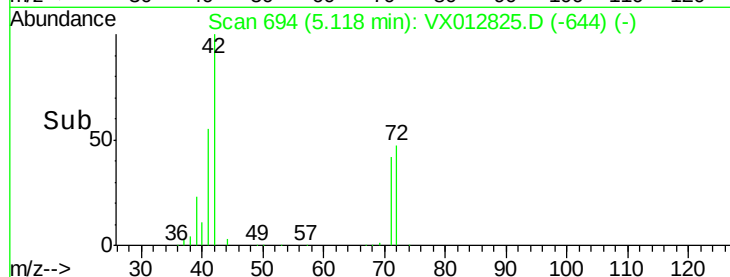
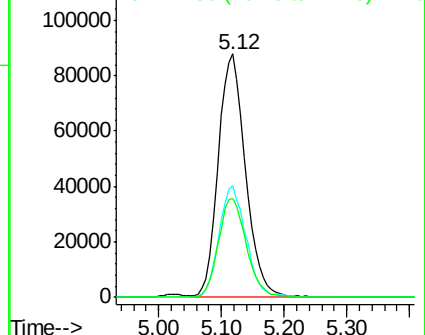
71 41.6 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.057 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012825.D

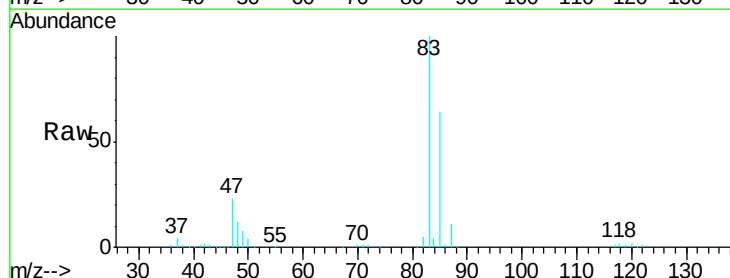
Acq: 04 Oct 2019 20:28

Tgt Ion: 83 Resp: 176118

Ion Ratio Lower Upper

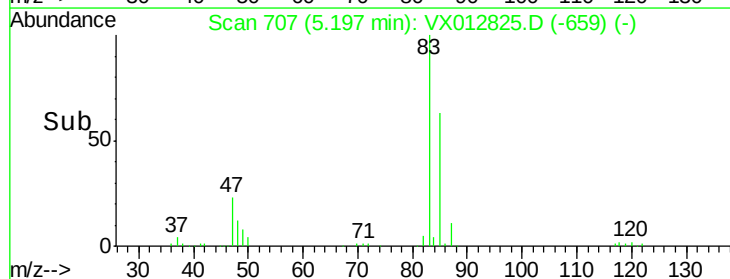
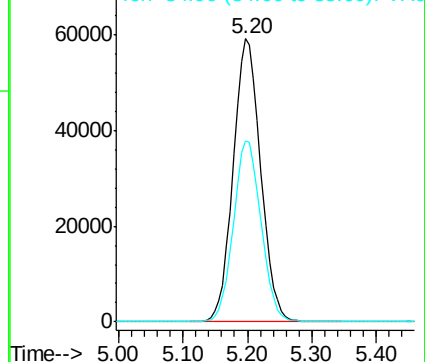
83 100

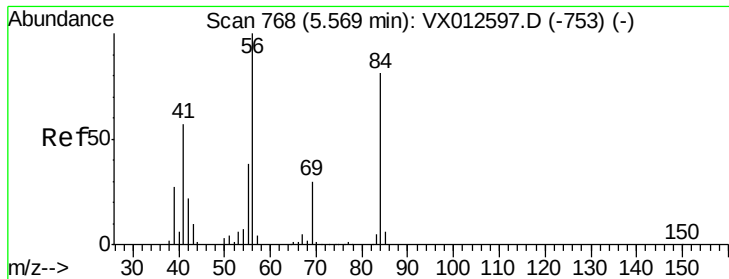
85 64.1 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

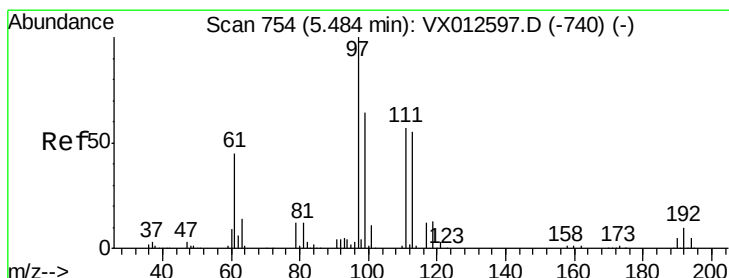
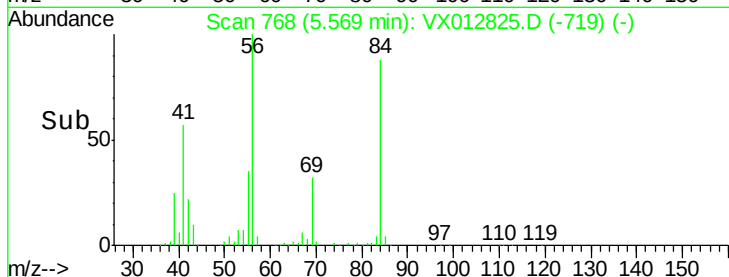
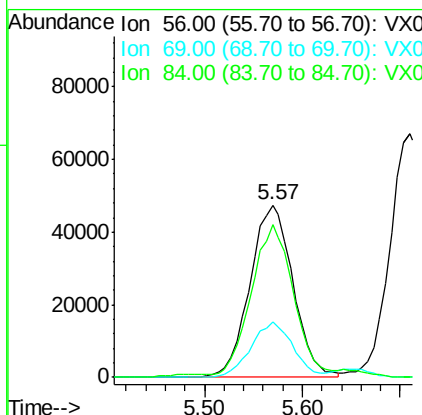
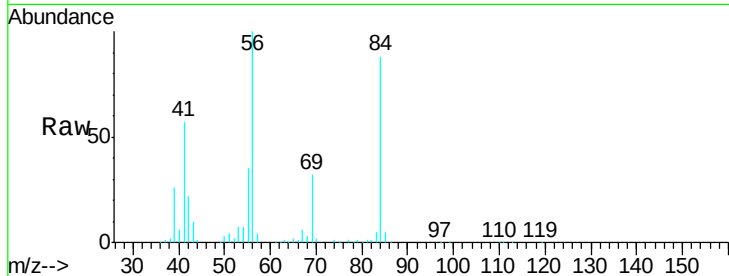




#31
Cyclohexane
Concen: 46.590 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

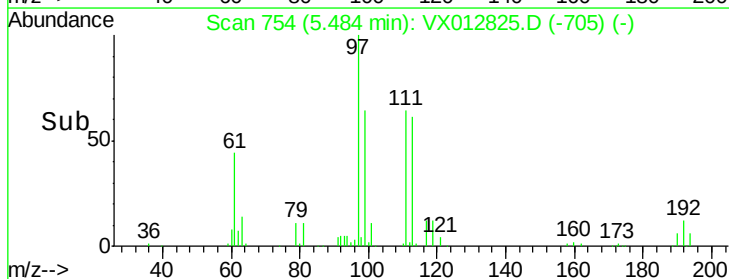
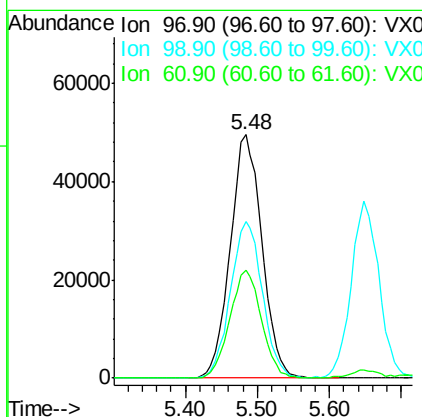
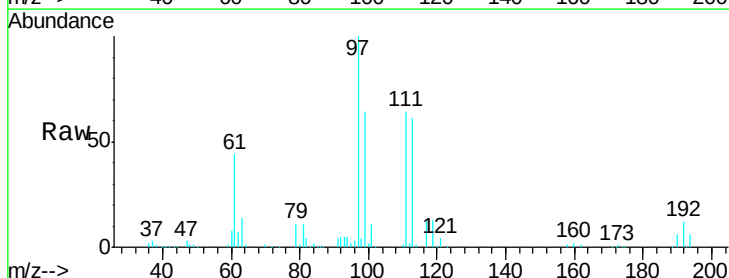
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

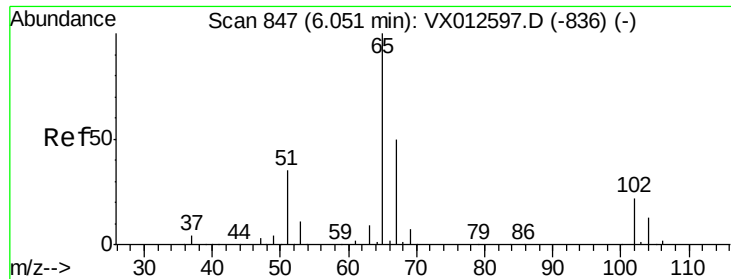
Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.0	37.6
84	86.6	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 48.559 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	44.3	36.1	54.1

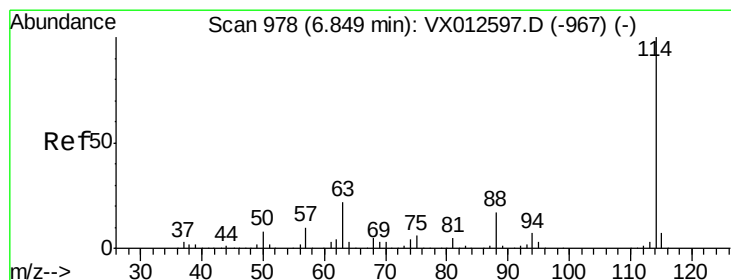
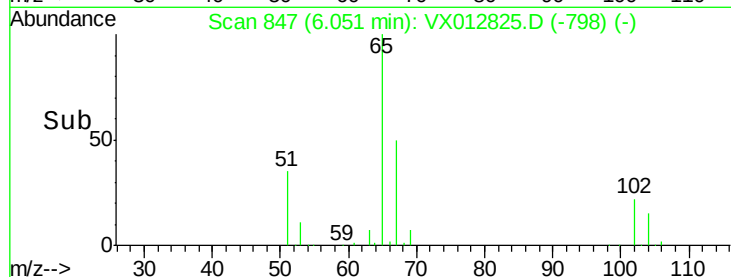
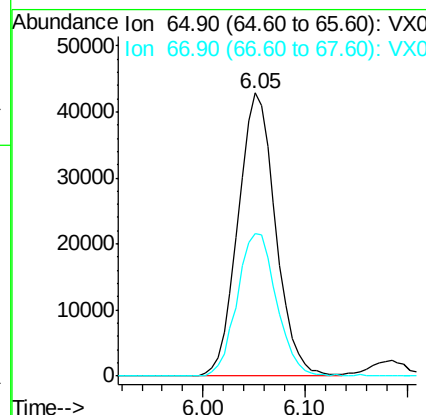
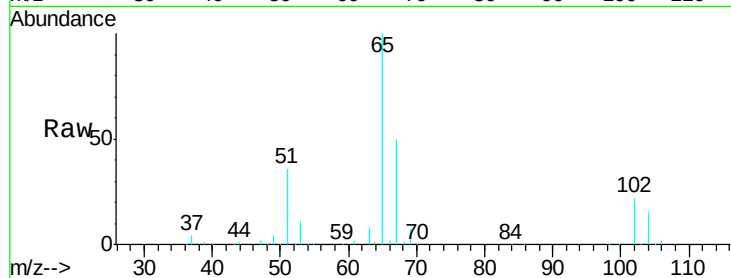




#33
 1,2-Dichloroethane-d4
 Concen: 48.963 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

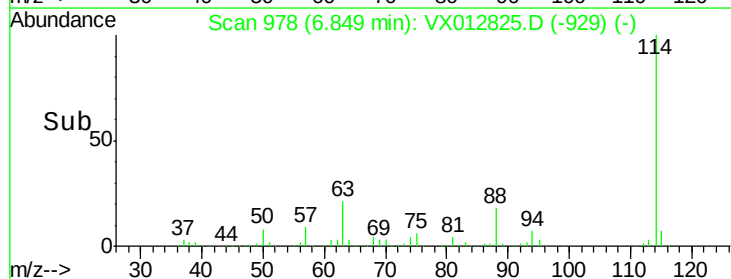
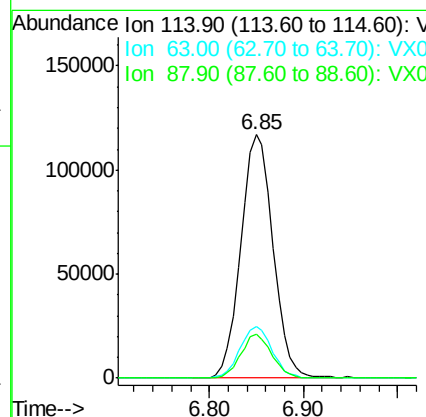
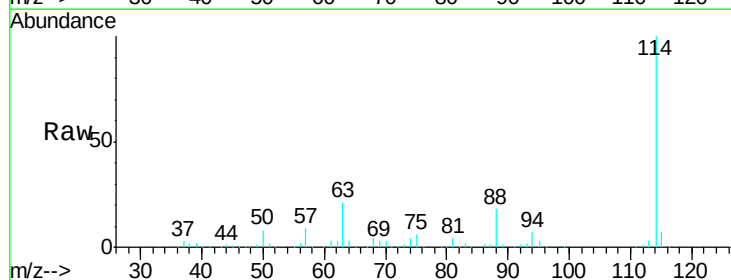
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

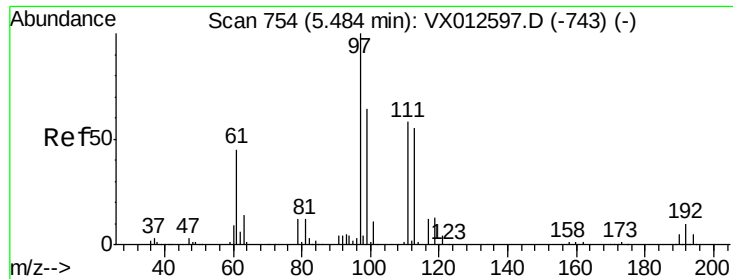
Tgt Ion: 65 Resp: 109438
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 114 Resp: 278050
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 17.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.630 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

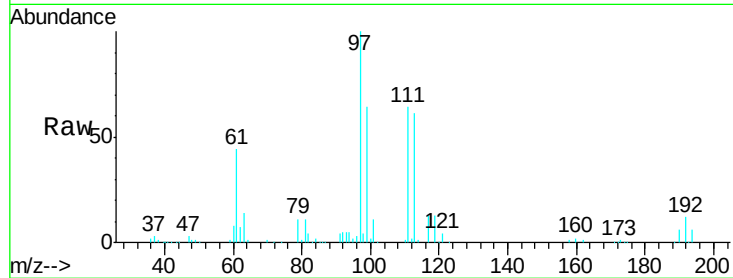
Tgt Ion:113 Resp: 87150

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

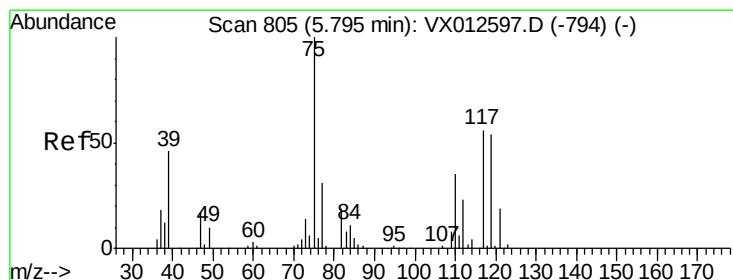
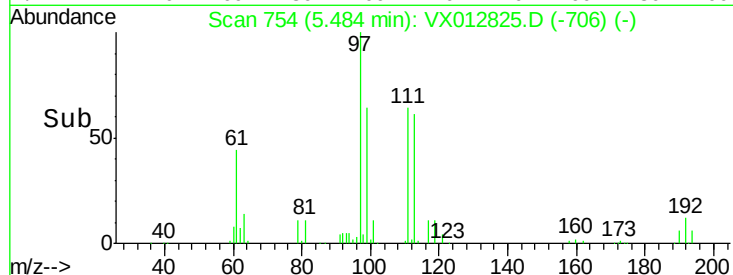
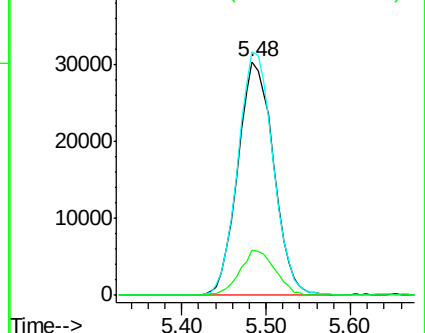
192 19.1 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.132 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

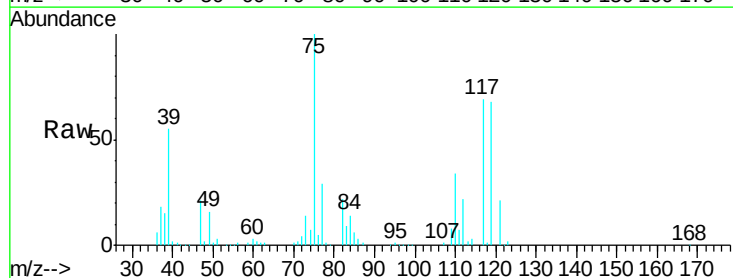
Tgt Ion: 75 Resp: 126318

Ion Ratio Lower Upper

75 100

110 34.0 16.7 50.0

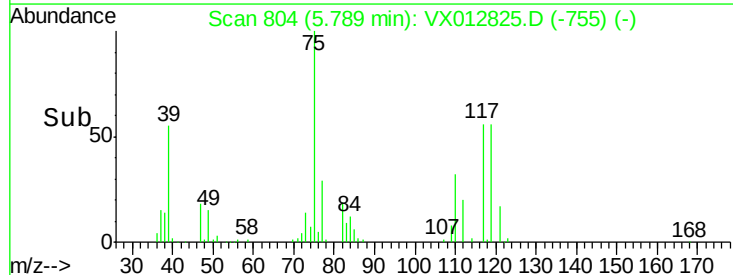
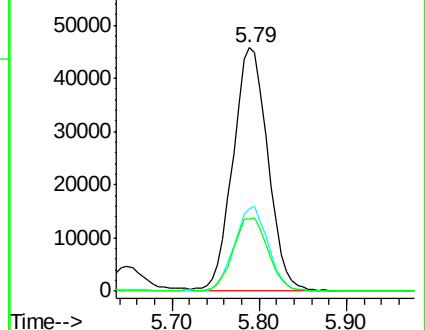
77 30.4 24.2 36.2

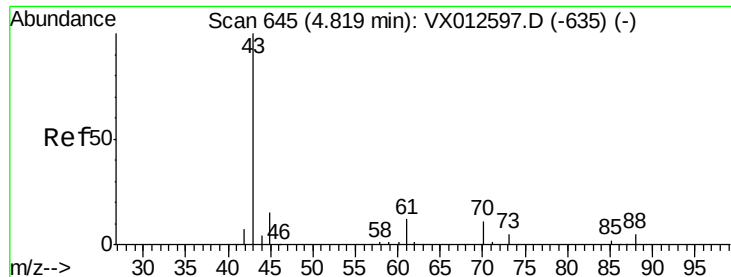


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 39.859 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

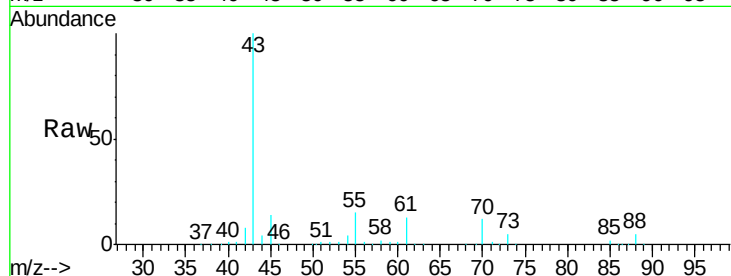
Tgt Ion: 43 Resp: 124892

Ion Ratio Lower Upper

43 100

61 14.3 10.2 15.4

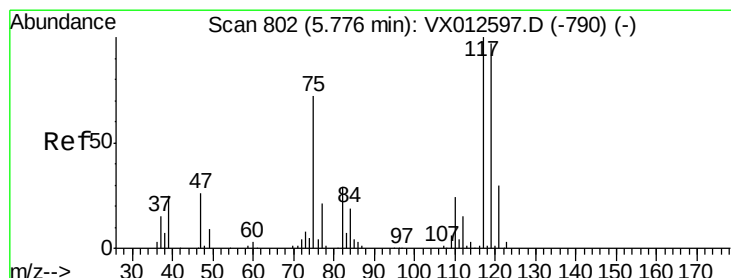
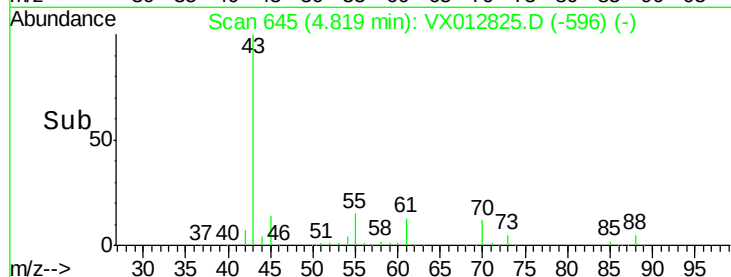
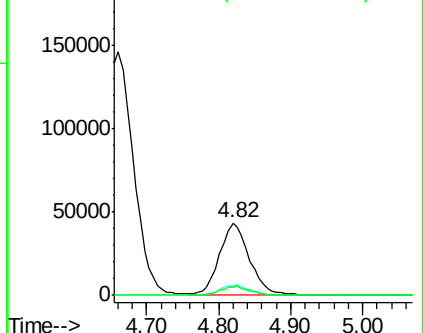
70 12.4 8.7 13.1



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: 47.049 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

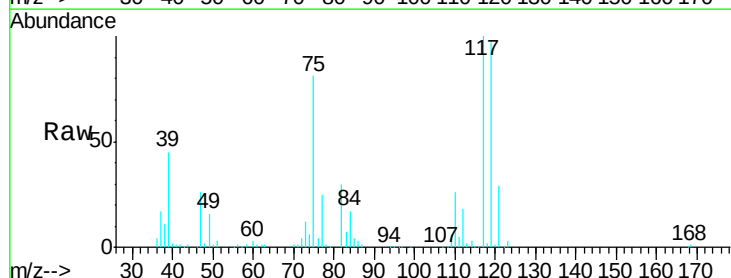
Tgt Ion: 117 Resp: 128091

Ion Ratio Lower Upper

117 100

119 97.4 75.7 113.5

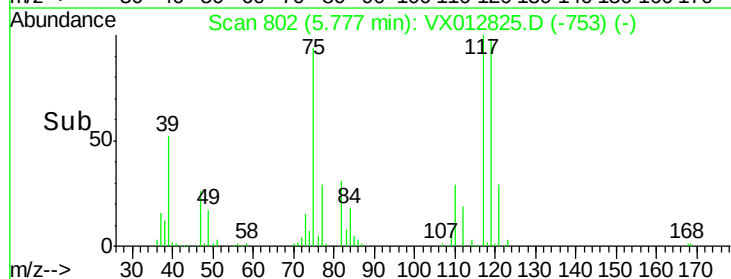
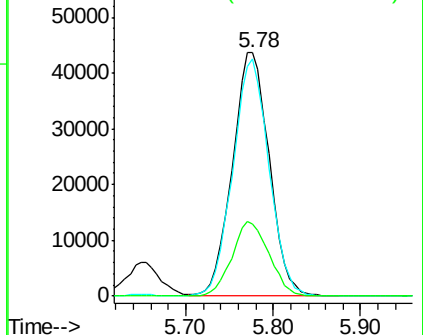
121 29.4 24.2 36.4

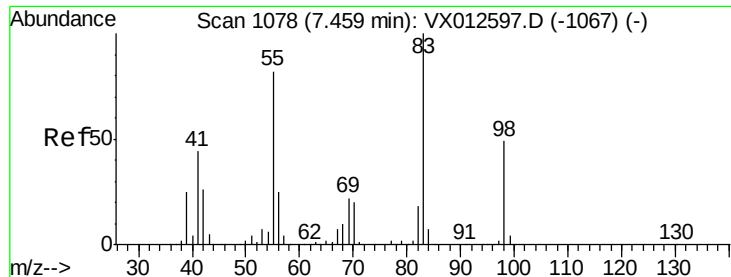


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

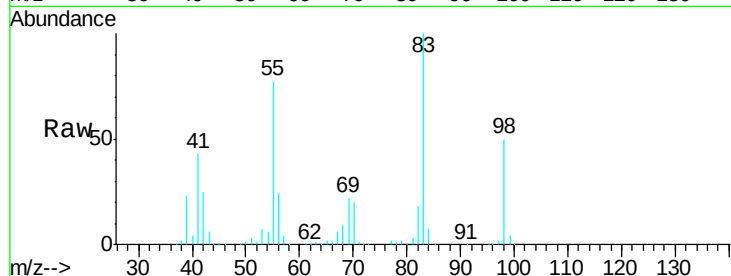




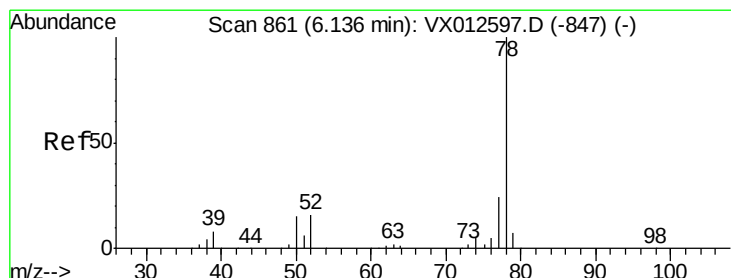
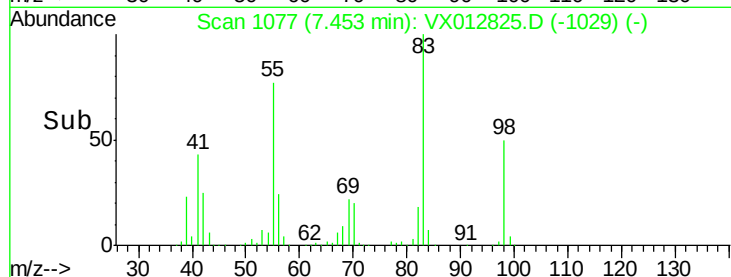
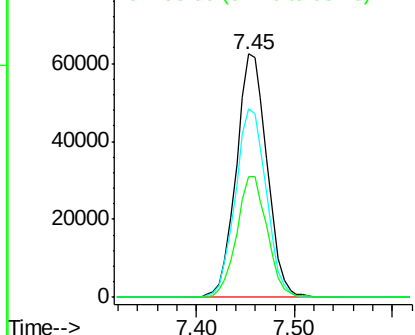
#39
Methylcyclohexane
Concen: 42.226 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tgt Ion: 83 Resp: 136241
Ion Ratio Lower Upper
83 100
55 77.4 64.4 96.6
98 49.8 40.1 60.1

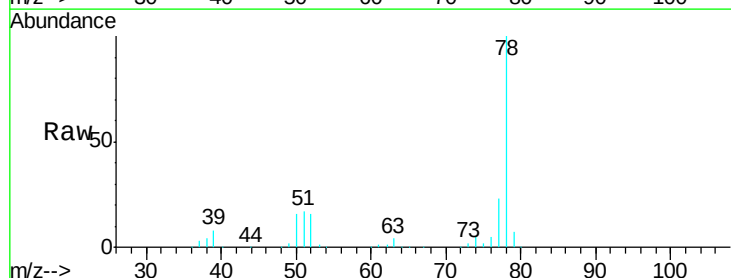


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

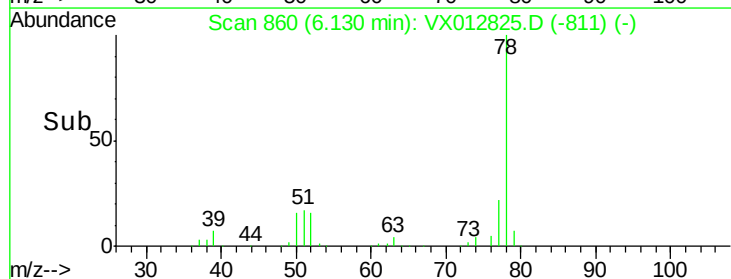
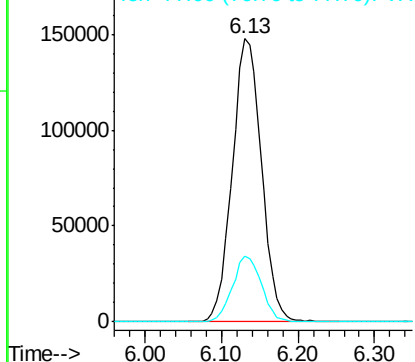


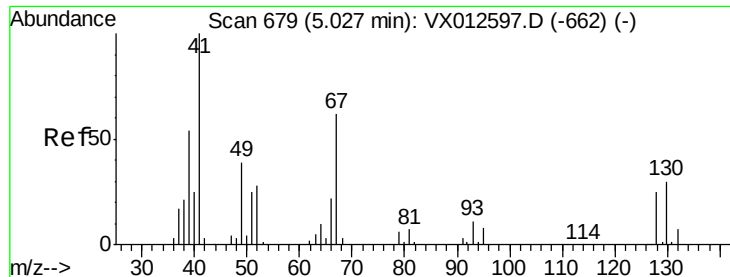
#40
Benzene
Concen: 49.541 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 78 Resp: 390663
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



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

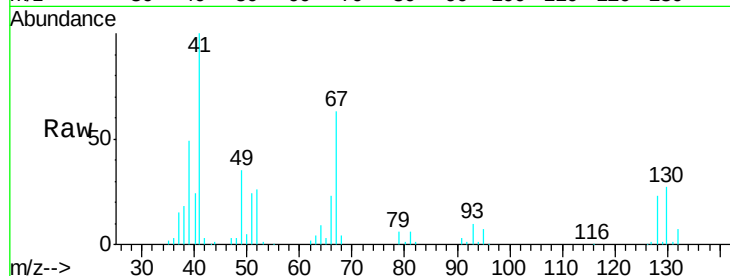




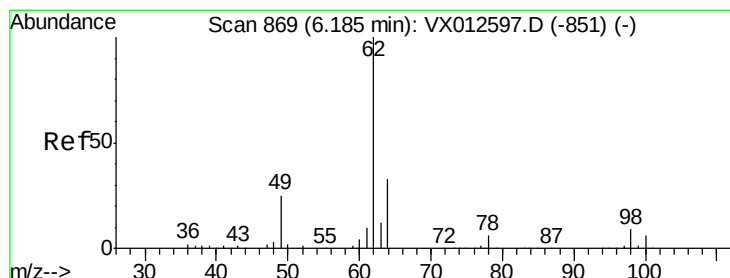
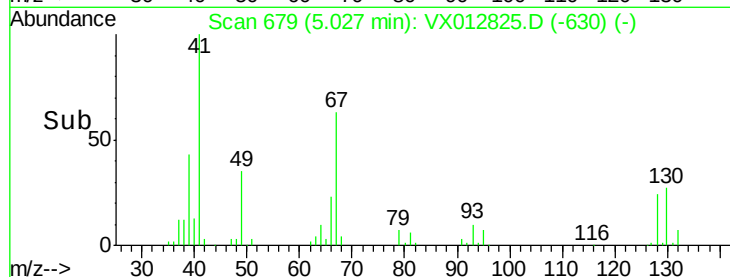
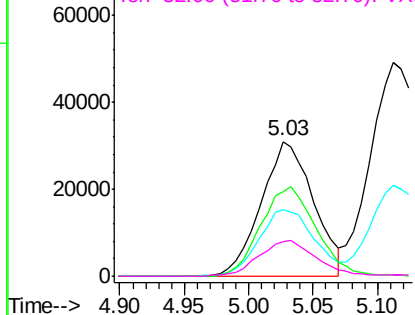
#41
Methacrylonitrile
Concen: 49.698 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tgt Ion:	41	Resp:	87369
Ion	Ratio	Lower	Upper
41	100		
39	52.3	46.0	69.0
67	70.9	52.2	78.2
52	28.9	22.7	34.1

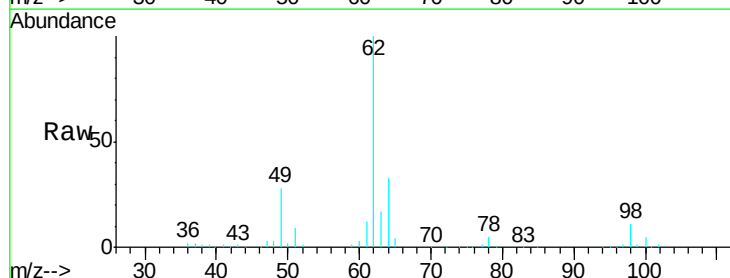


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

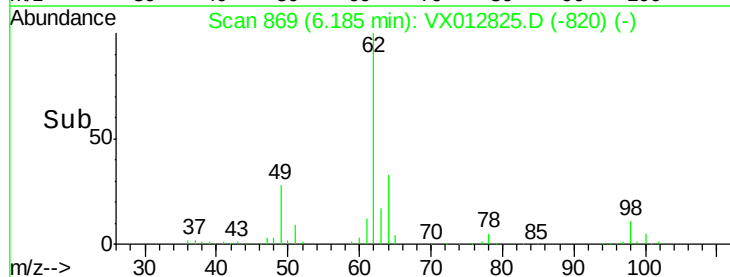
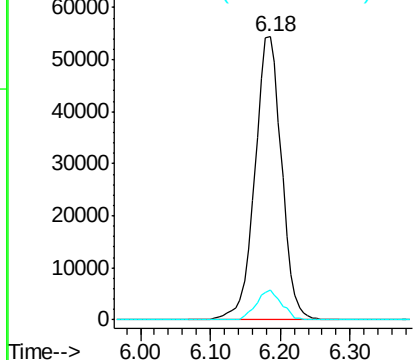


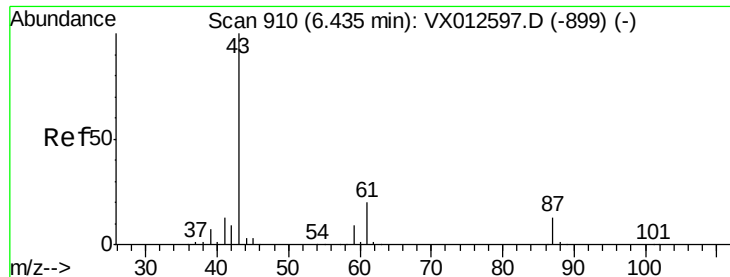
#42
1,2-Dichloroethane
Concen: 48.385 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion:	62	Resp:	144888
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 42.607 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

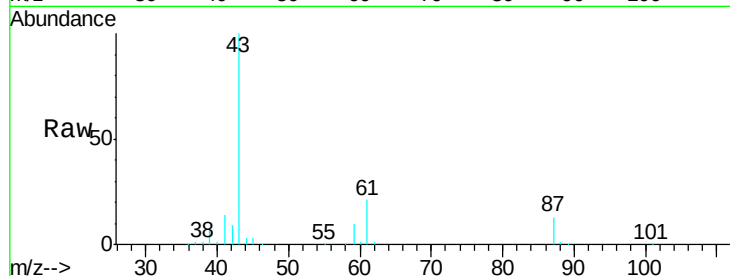
Tgt Ion: 43 Resp: 223256

Ion Ratio Lower Upper

43 100

61 20.6 15.4 23.0

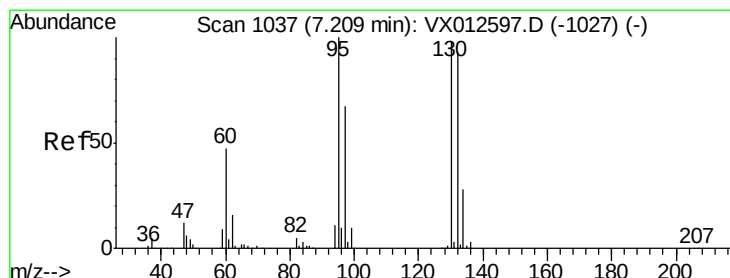
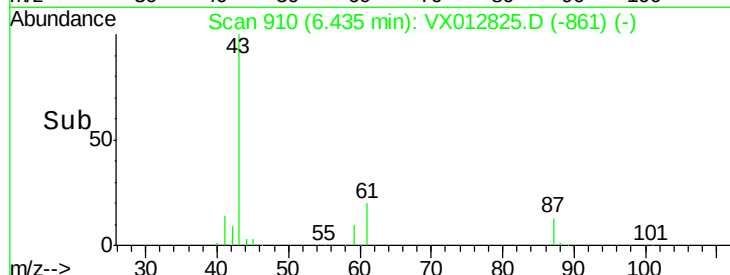
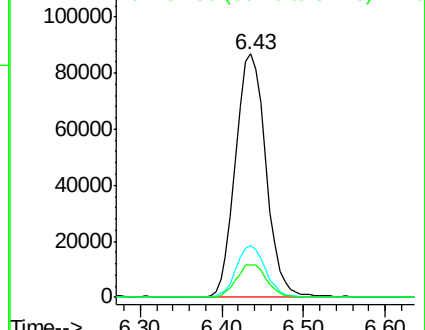
87 13.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.526 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012825.D

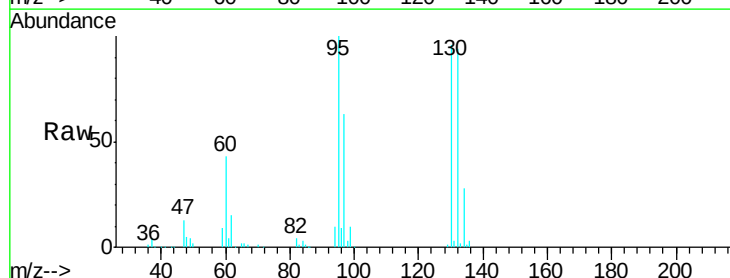
Acq: 04 Oct 2019 20:28

Tgt Ion: 130 Resp: 97824

Ion Ratio Lower Upper

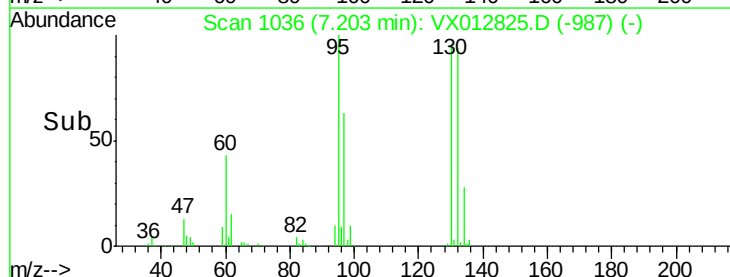
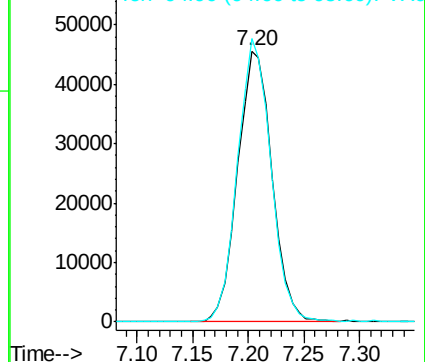
130 100

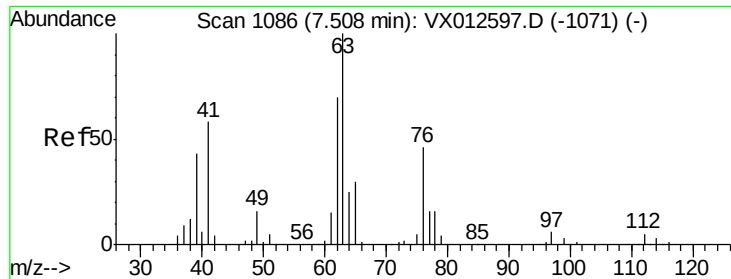
95 104.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

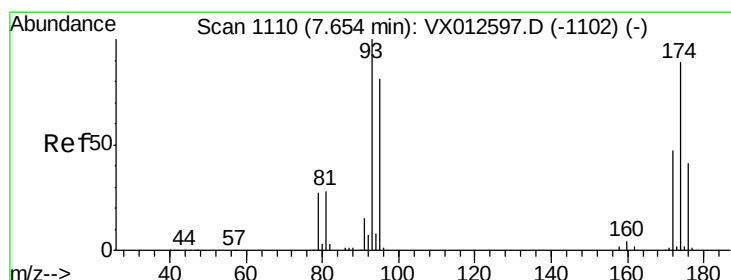
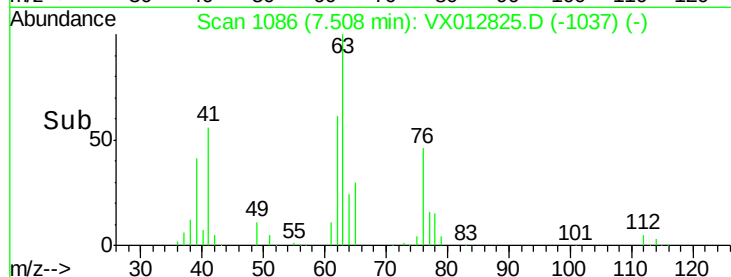
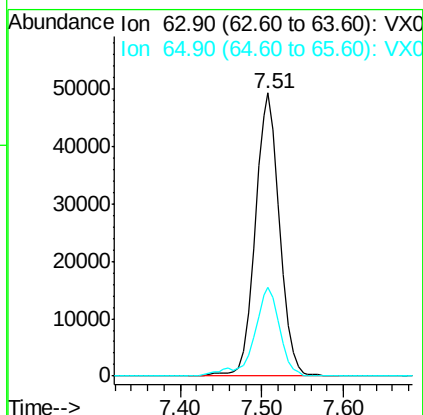
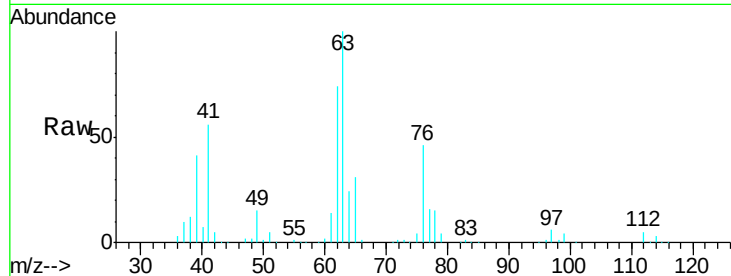




#45
 1,2-Dichloropropane
 Concen: 50.794 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

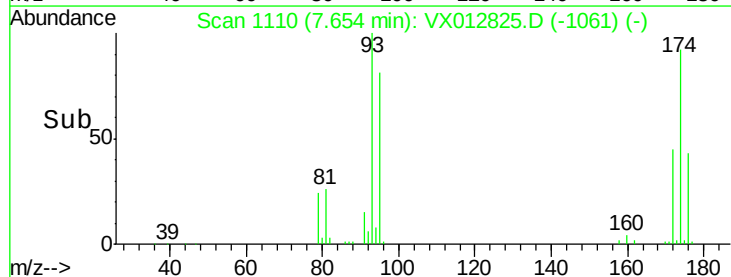
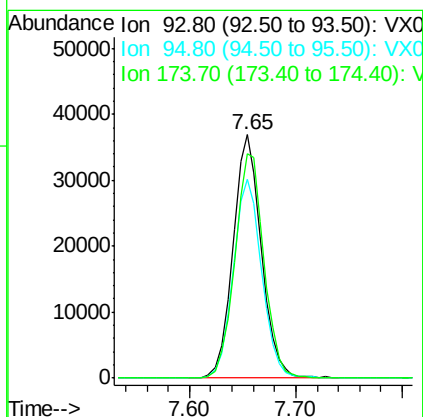
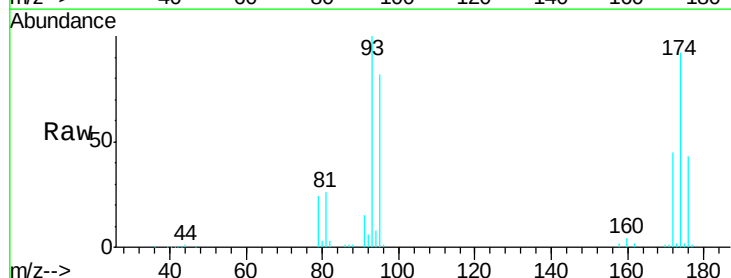
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

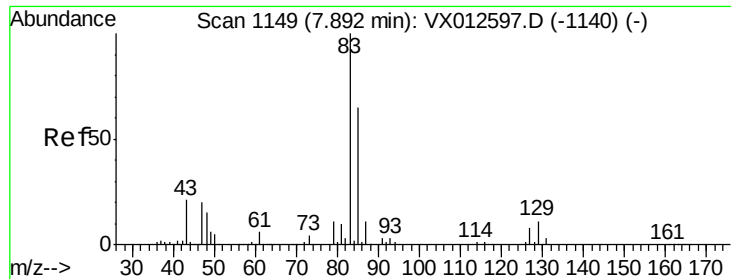
Tgt Ion: 63 Resp: 102548
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 49.848 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 93 Resp: 68520
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 95.1 77.4 116.0





#47

Bromodichloromethane

Concen: 50.080 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

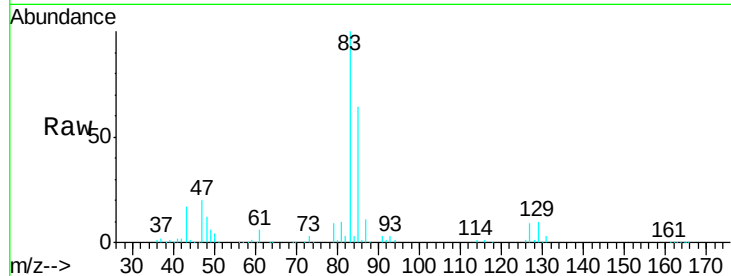
Tgt Ion: 83 Resp: 137583

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

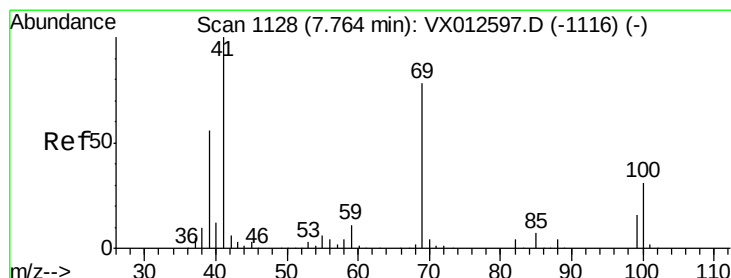
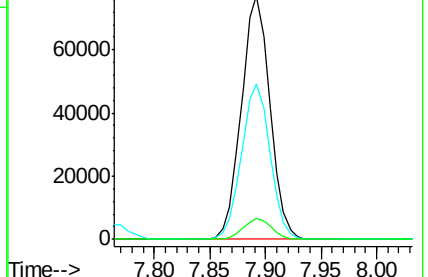
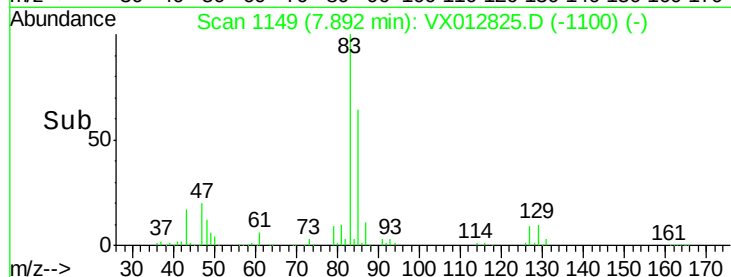
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.984 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

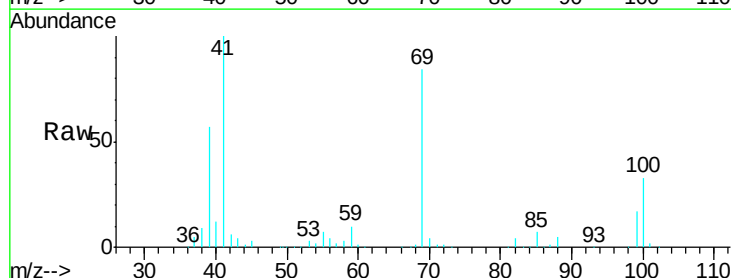
Tgt Ion: 41 Resp: 123072

Ion Ratio Lower Upper

41 100

69 82.2 59.9 89.9

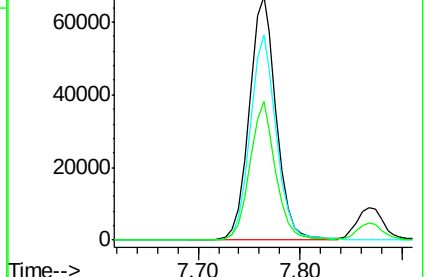
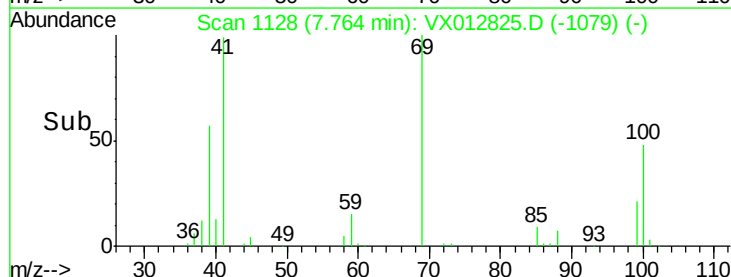
39 54.3 47.8 71.6

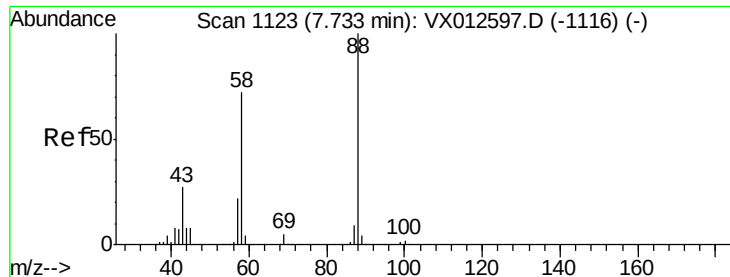


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

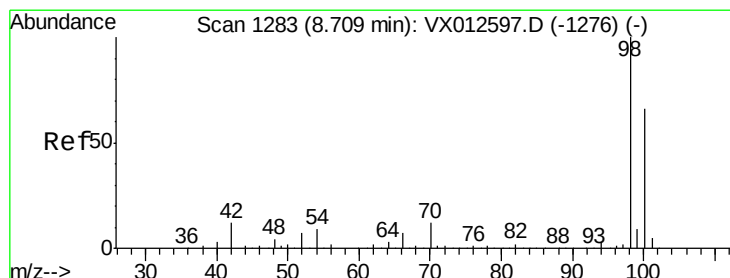
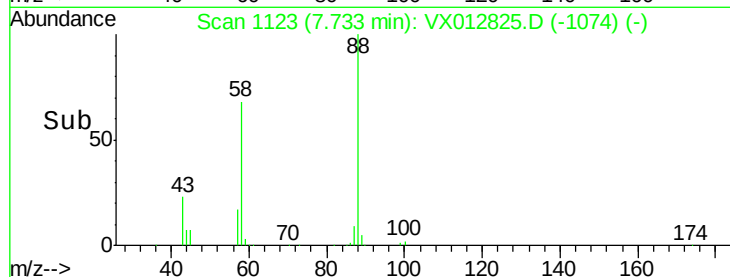
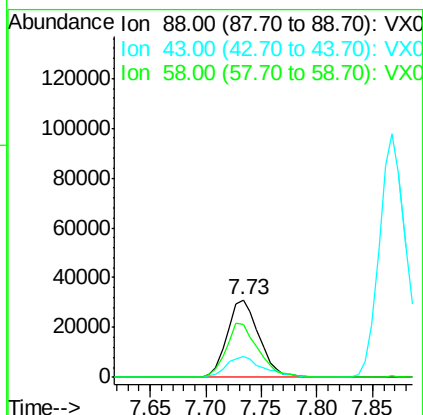
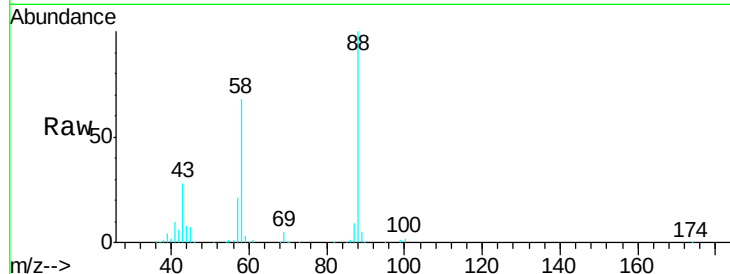




#49
1,4-Dioxane
Concen: 1080.684 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

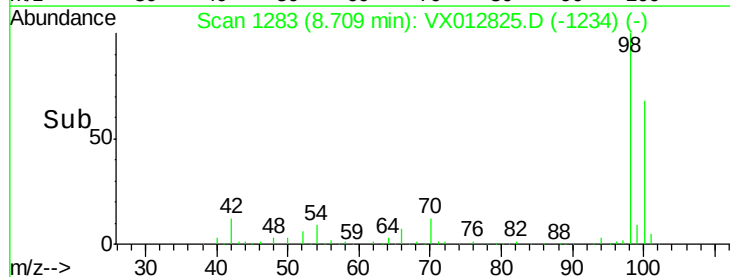
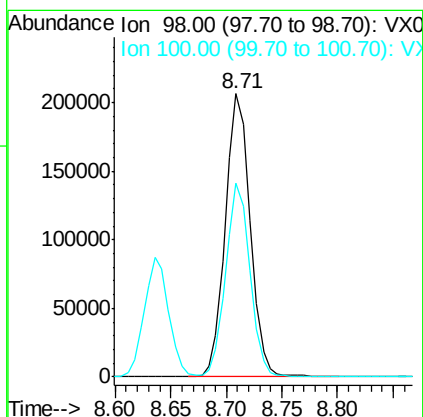
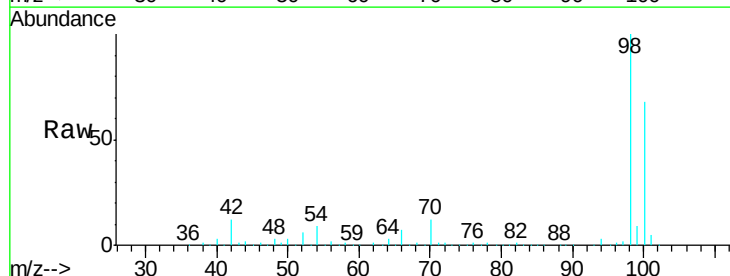
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

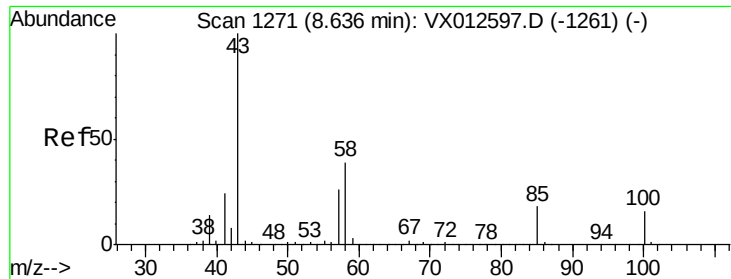
Tgt Ion: 88 Resp: 61586
Ion Ratio Lower Upper
88 100
43 30.6 29.4 44.0
58 70.8 57.5 86.3



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 98 Resp: 320904
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 246.631 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

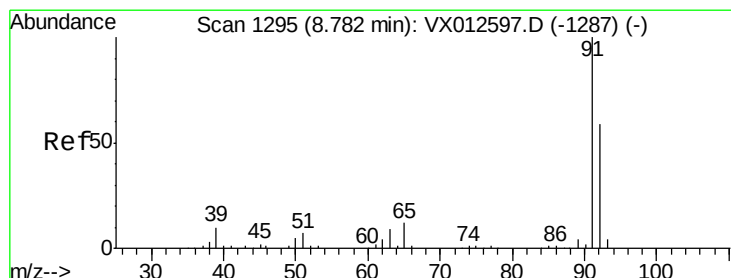
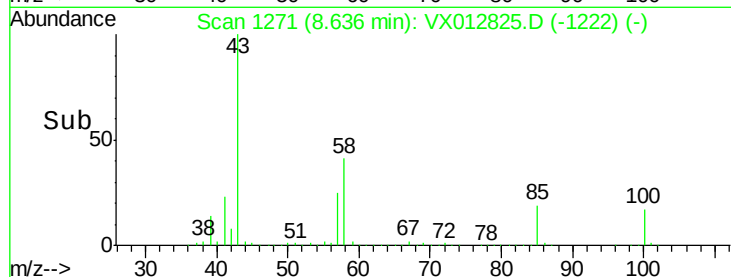
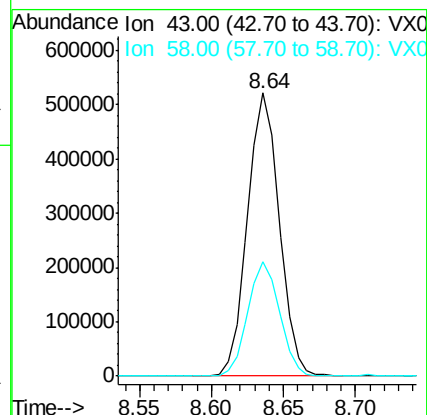
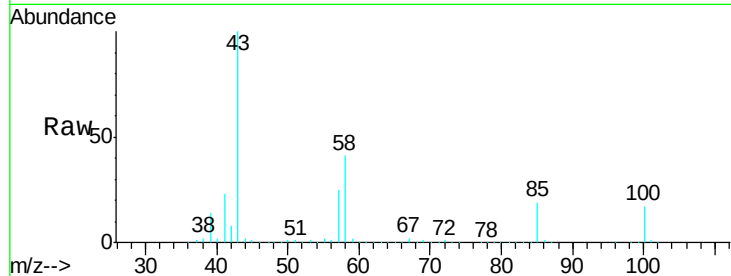
SA-MW127D-20190930MS

Tgt Ion: 43 Resp: 797726

Ion Ratio Lower Upper

43 100

58 40.5 29.8 44.6



#52

Toluene

Concen: 49.107 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012825.D

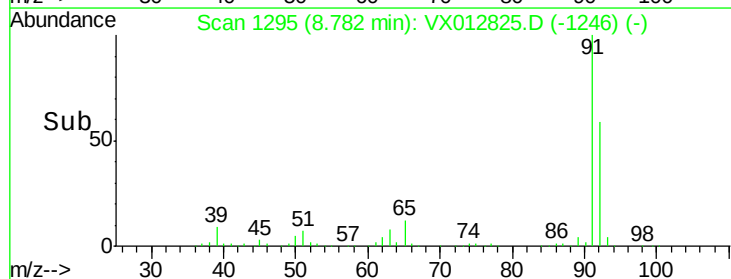
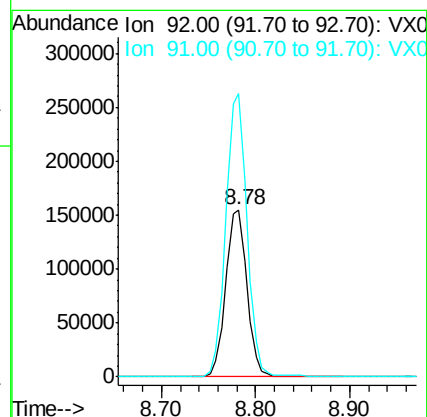
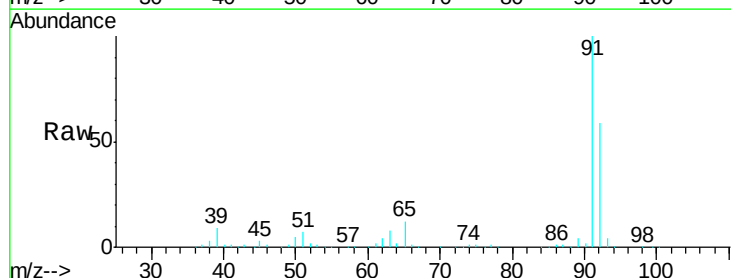
Acq: 04 Oct 2019 20:28

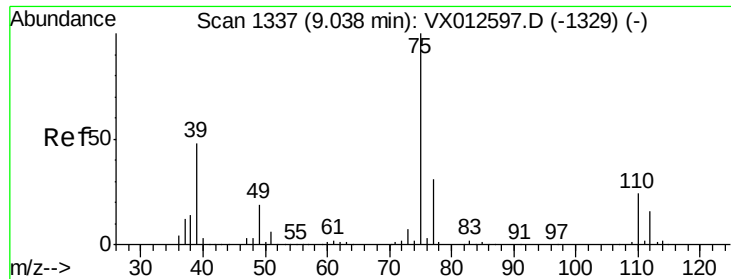
Tgt Ion: 92 Resp: 243382

Ion Ratio Lower Upper

92 100

91 168.6 135.4 203.0

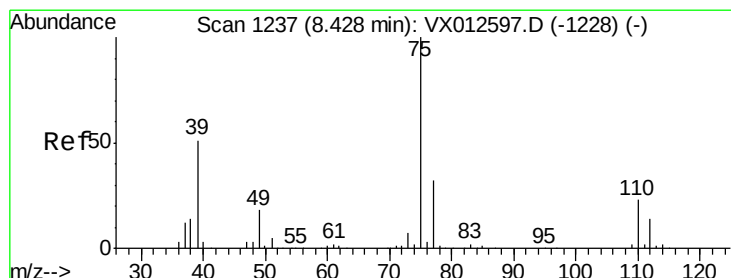
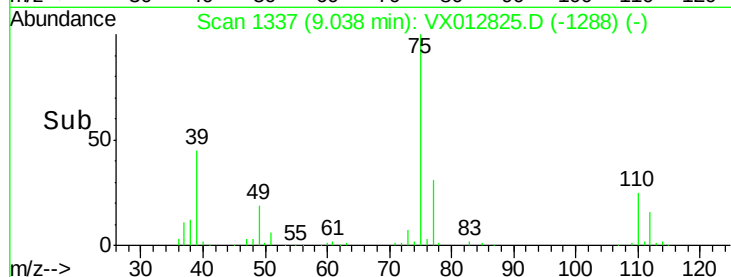
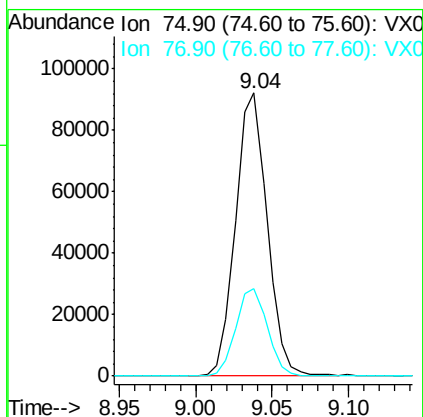
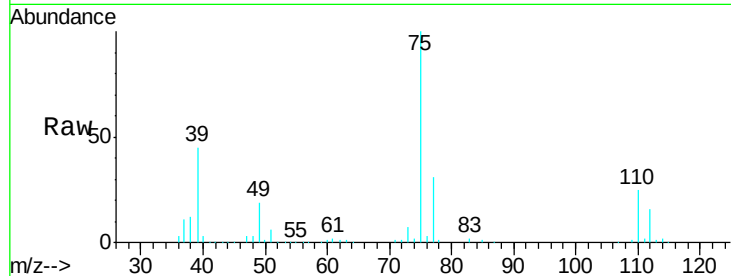




#53
t-1,3-Dichloropropene
Concen: 43.497 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

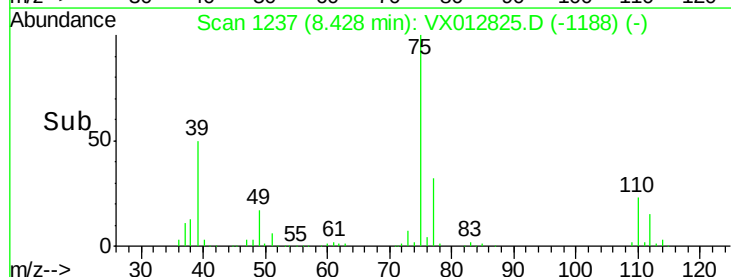
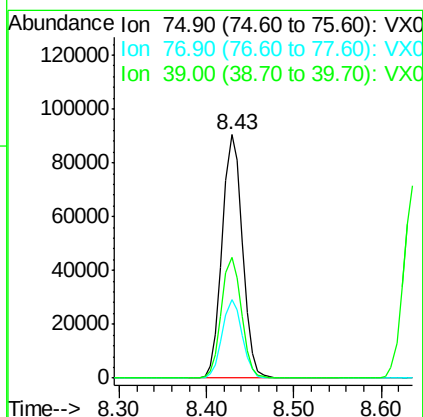
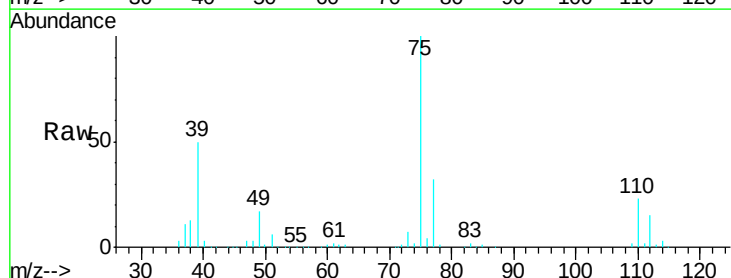
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

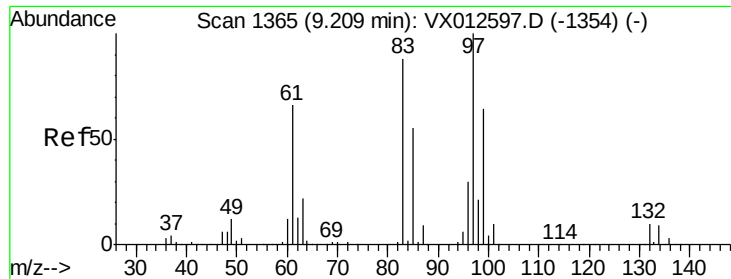
Tgt Ion: 75 Resp: 132213
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 43.810 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 75 Resp: 145395
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
39 49.6 45.5 68.3

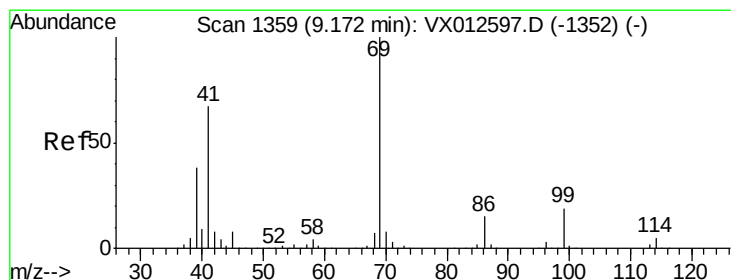
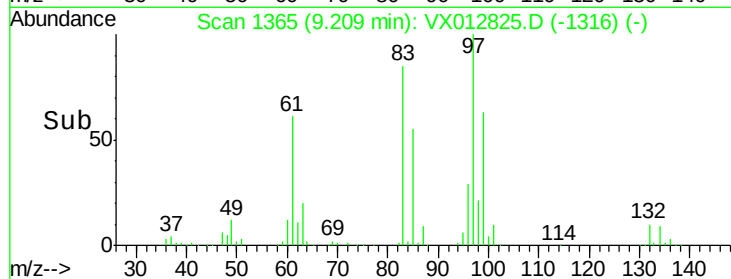
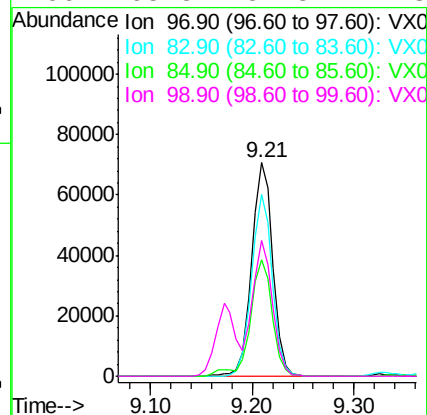
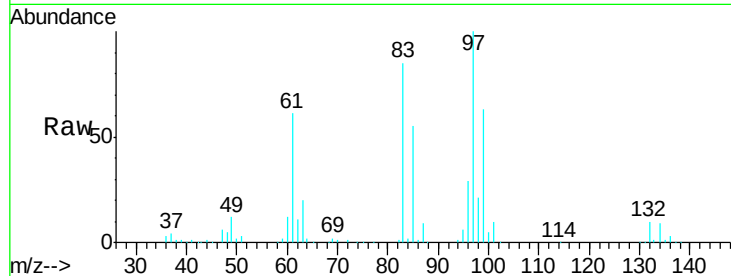




#55
 1,1,2-Trichloroethane
 Concen: 51.860 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

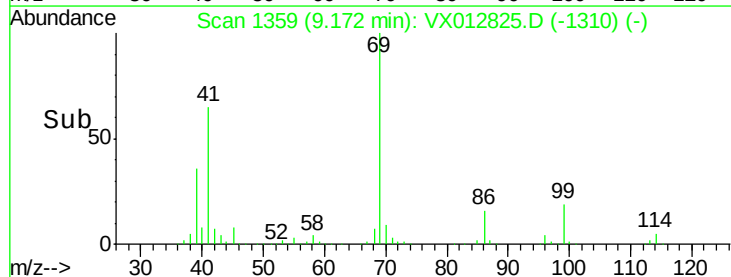
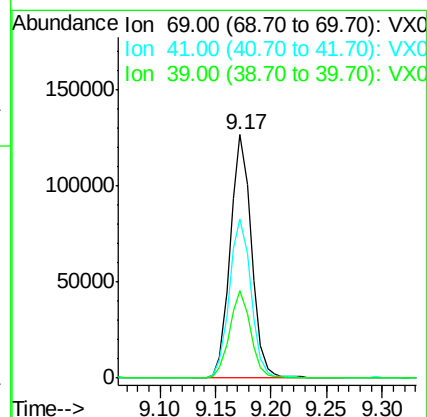
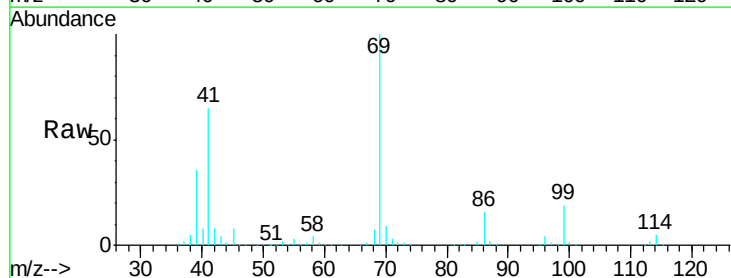
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

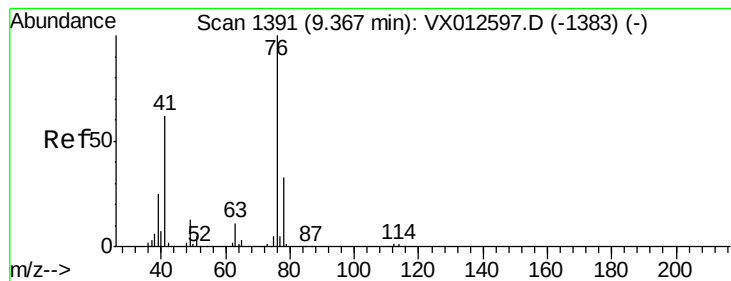
Tgt Ion:	97	Resp:	102187
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.2
85	54.7	43.5	65.3
99	63.3	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 50.751 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion:	69	Resp:	168003
Ion	Ratio	Lower	Upper
69	100		
41	66.4	58.4	87.6
39	35.4	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.797 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

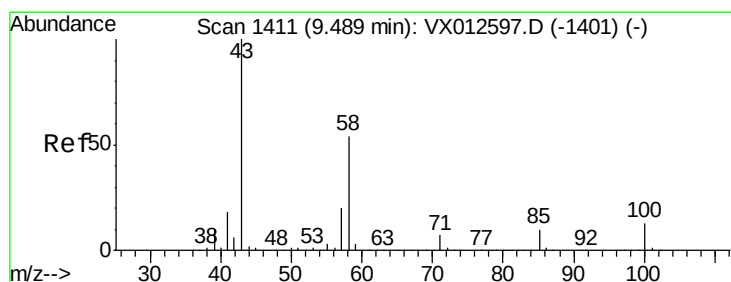
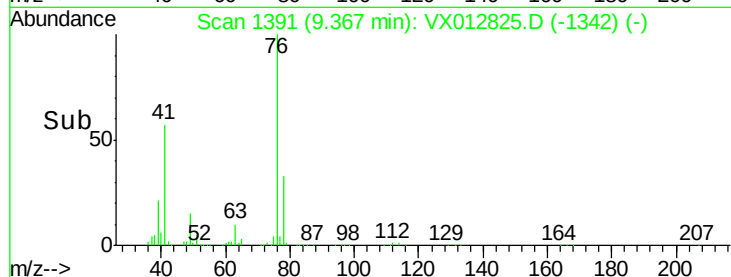
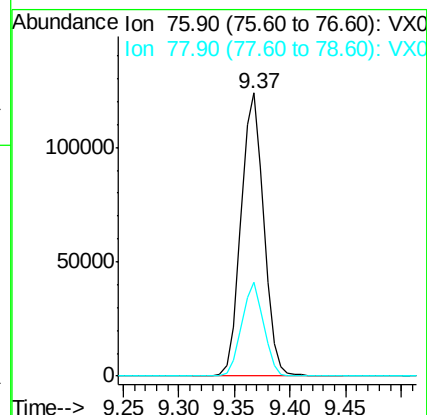
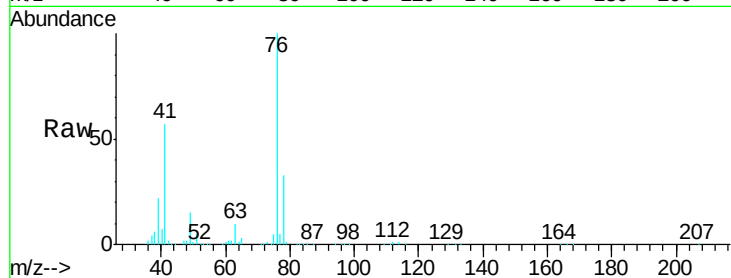
SA-MW127D-20190930MS

Tgt Ion: 76 Resp: 175178

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#59

2-Hexanone

Concen: 250.795 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012825.D

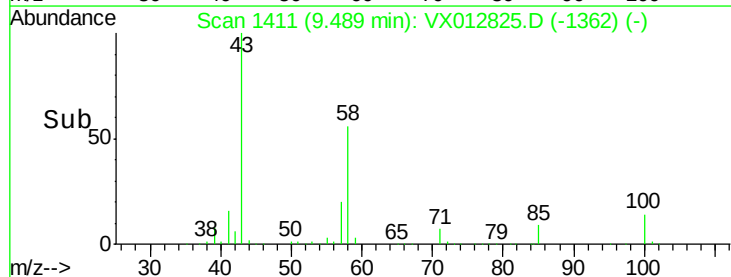
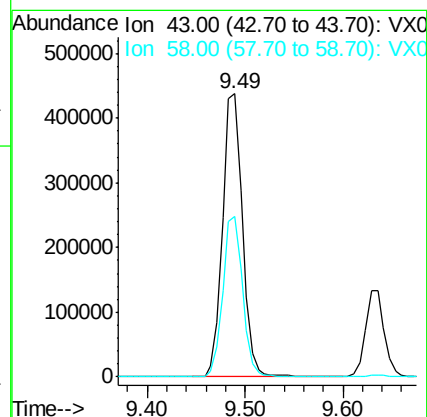
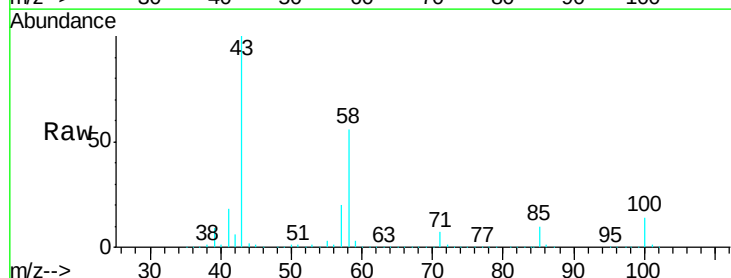
Acq: 04 Oct 2019 20:28

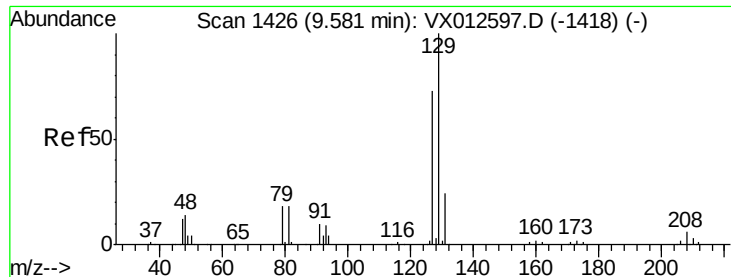
Tgt Ion: 43 Resp: 620922

Ion Ratio Lower Upper

43 100

58 56.2 25.7 77.1





#60

Dibromochloromethane

Concen: 52.126 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

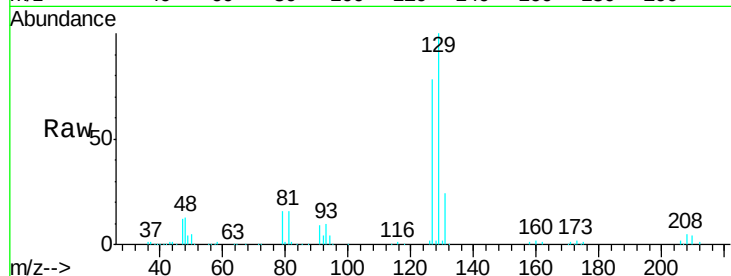
SA-MW127D-20190930MS

Tgt Ion:129 Resp: 103973

Ion Ratio Lower Upper

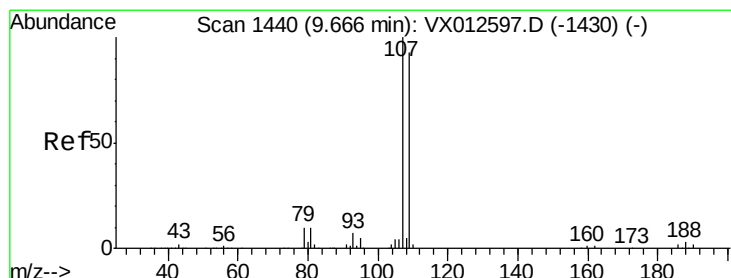
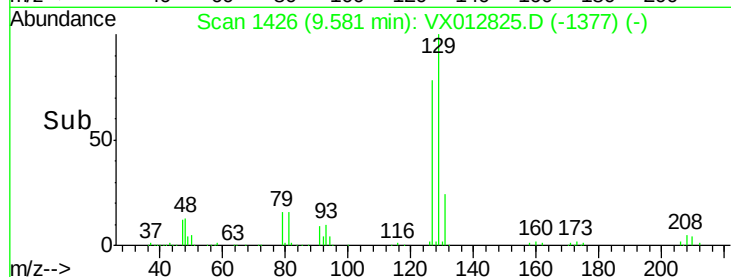
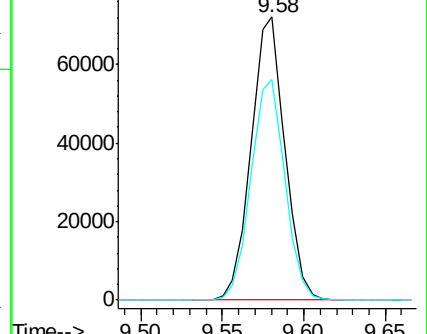
129 100

127 78.7 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: 51.414 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012825.D

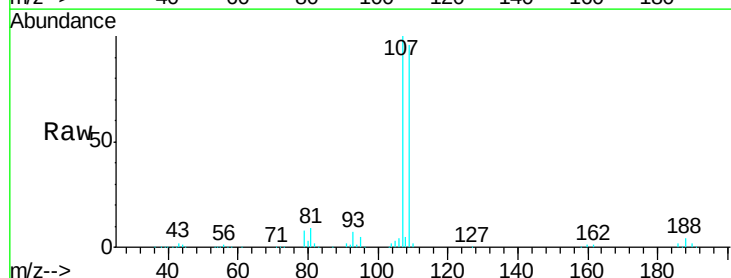
Acq: 04 Oct 2019 20:28

Tgt Ion:107 Resp: 105434

Ion Ratio Lower Upper

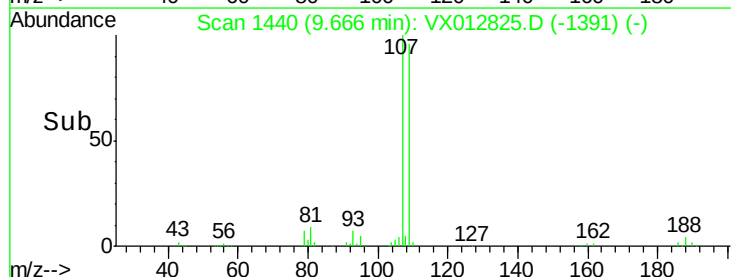
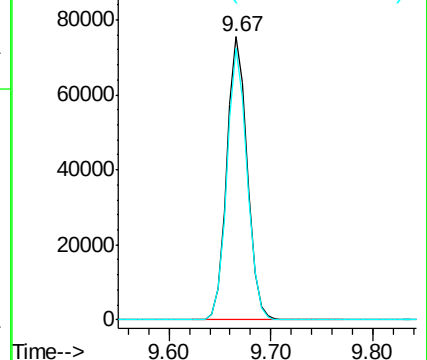
107 100

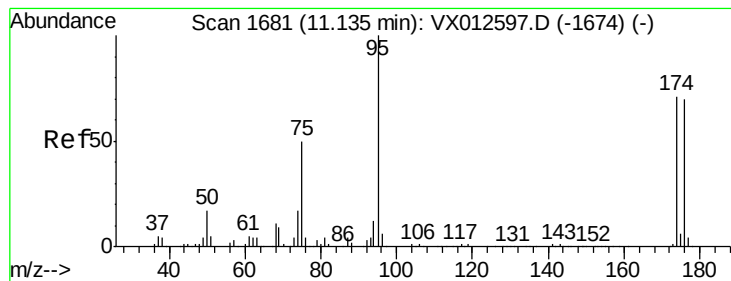
109 94.6 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.346 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

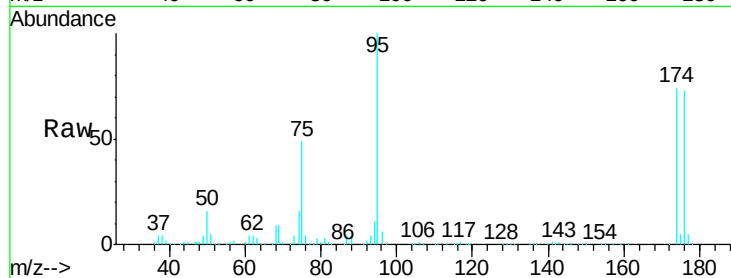
Tgt Ion: 95 Resp: 126241

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.0

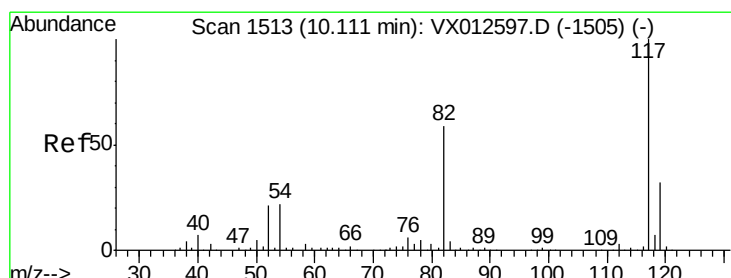
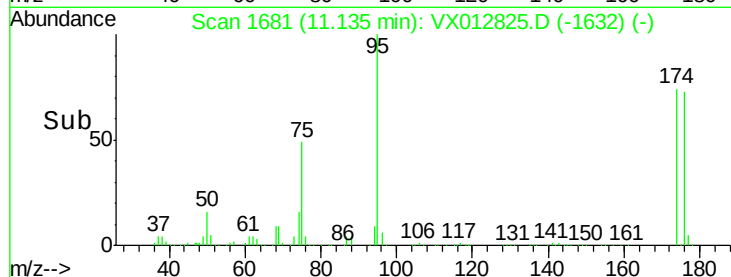
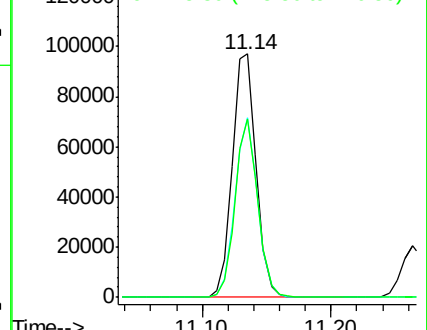
176 69.1 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

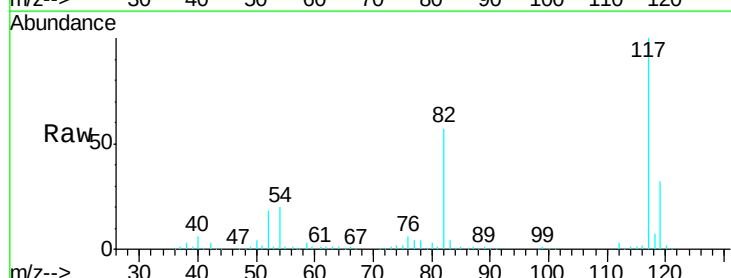
Tgt Ion: 117 Resp: 250832

Ion Ratio Lower Upper

117 100

82 56.7 45.9 68.9

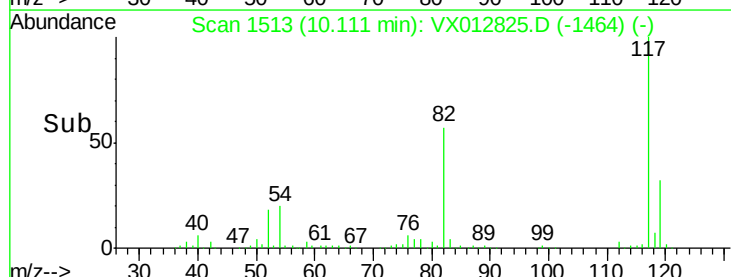
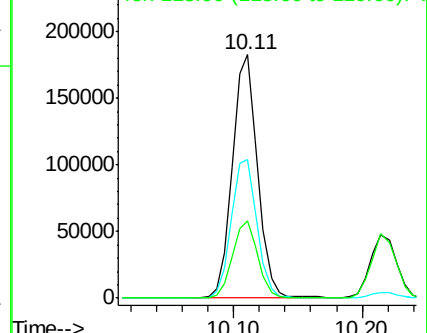
119 31.5 25.3 37.9

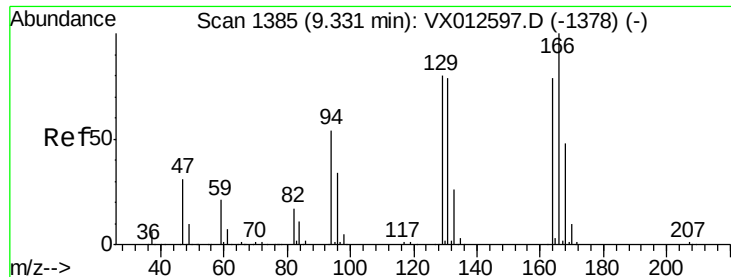


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

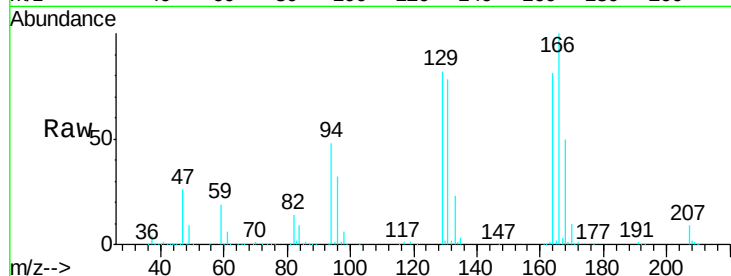




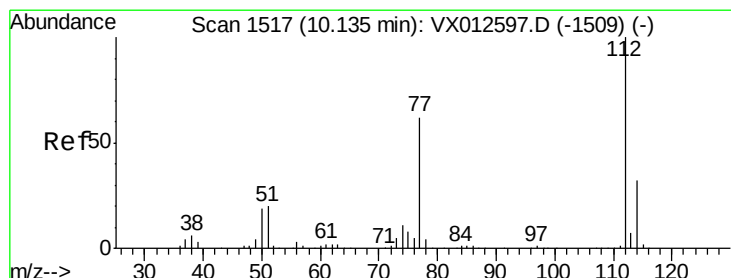
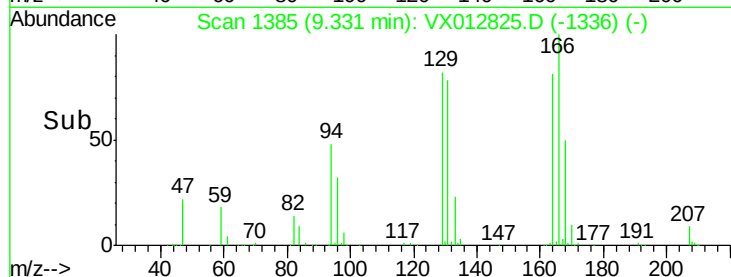
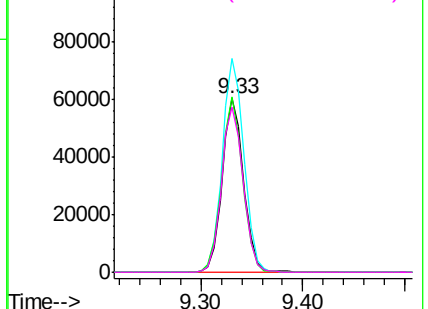
#64
Tetrachloroethene
Concen: 49.744 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tgt Ion:164 Resp: 86994
Ion Ratio Lower Upper
164 100
166 122.7 107.8 161.6
129 100.6 86.2 129.2
131 95.2 80.4 120.6

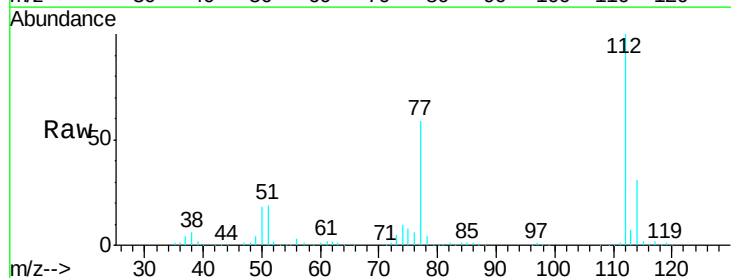


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

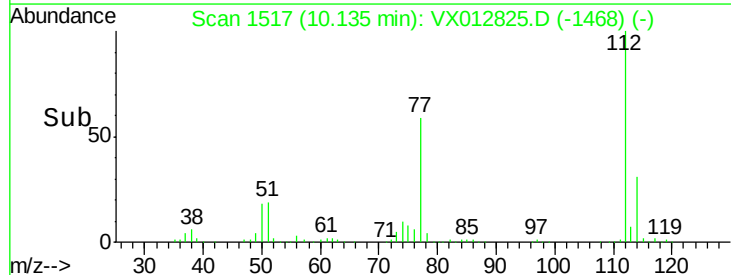
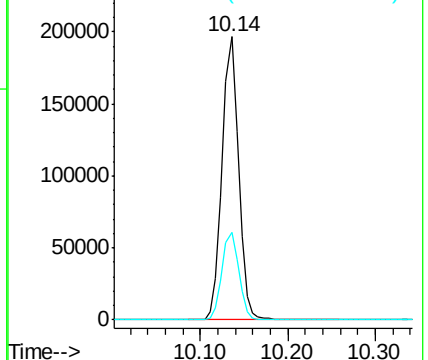


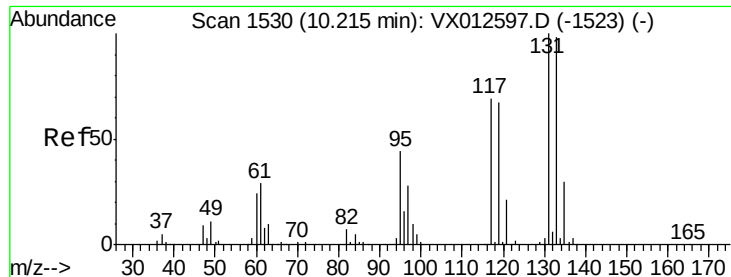
#65
Chlorobenzene
Concen: 48.438 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion:112 Resp: 255848
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0



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

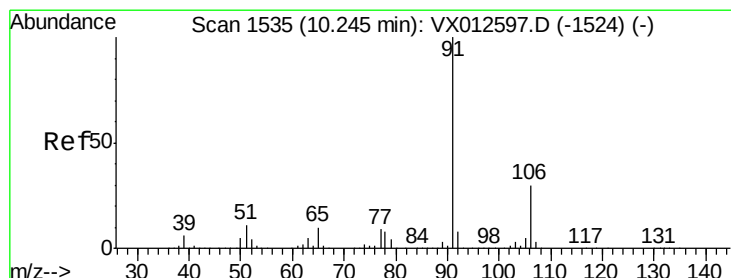
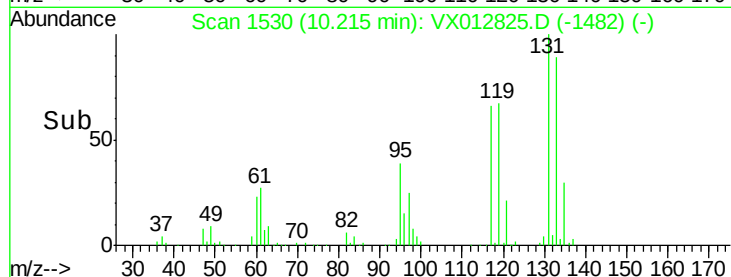
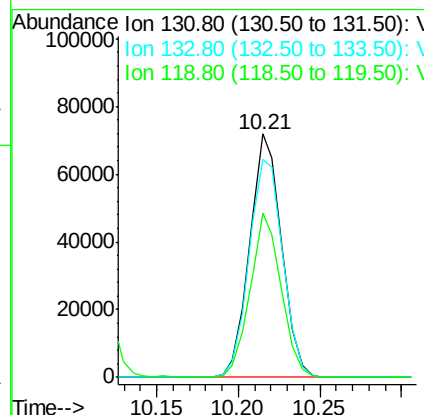
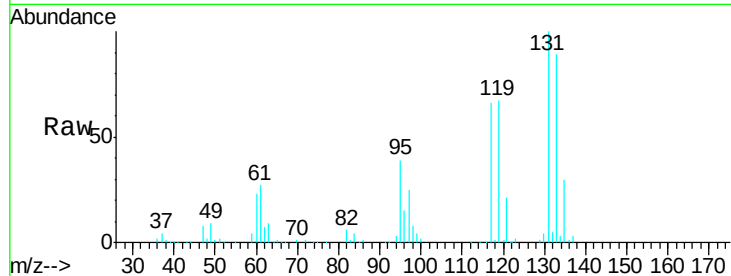




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.993 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

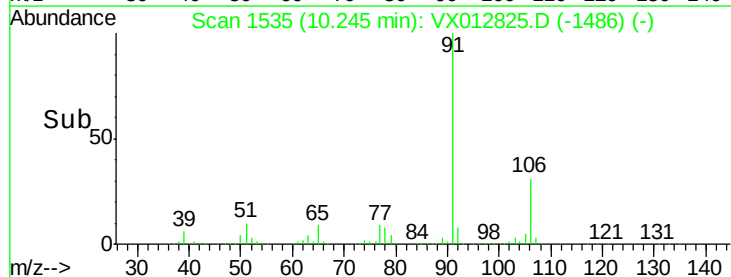
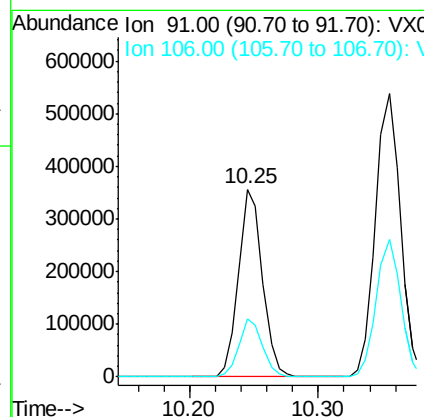
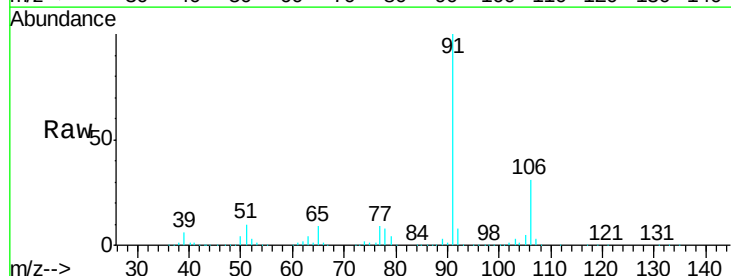
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

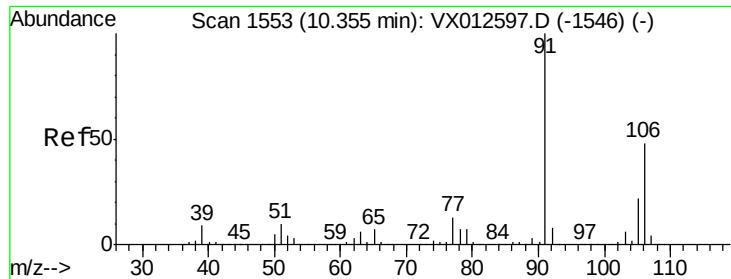
Tgt Ion: 131 Resp: 97591
 Ion Ratio Lower Upper
 131 100
 133 94.7 47.6 142.9
 119 65.7 31.3 93.8



#67
 Ethyl Benzene
 Concen: 48.506 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 91 Resp: 464700
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.6 37.0

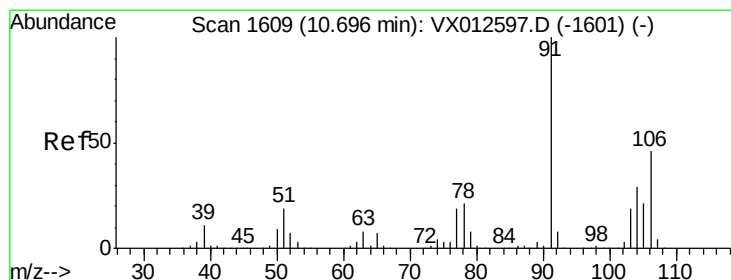
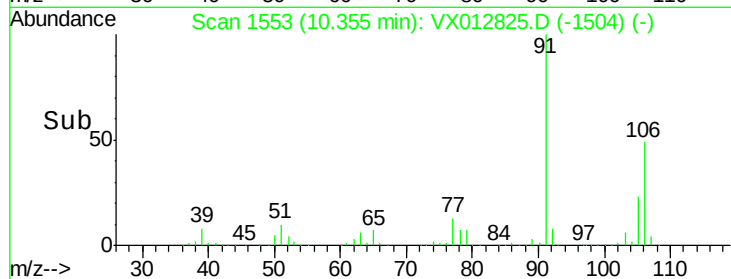
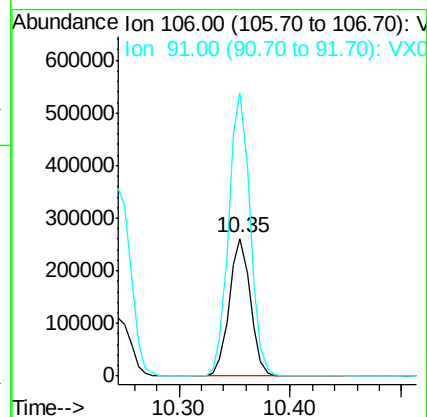
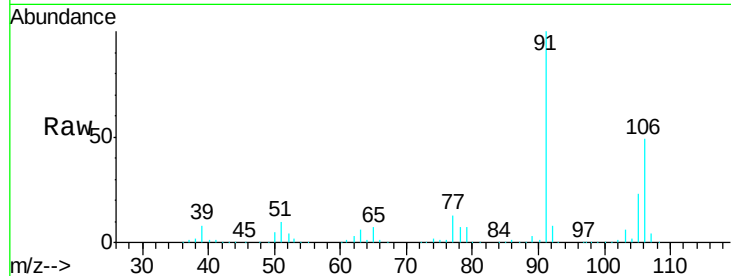




#68
m/p-Xylenes
Concen: 96.089 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

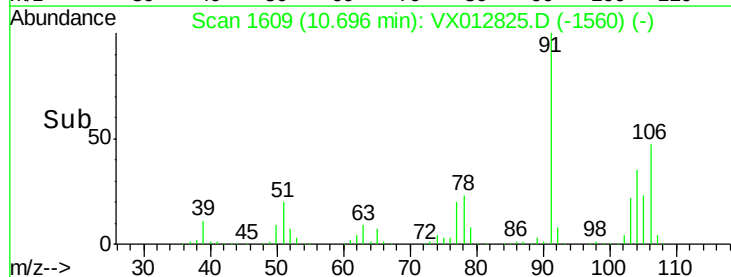
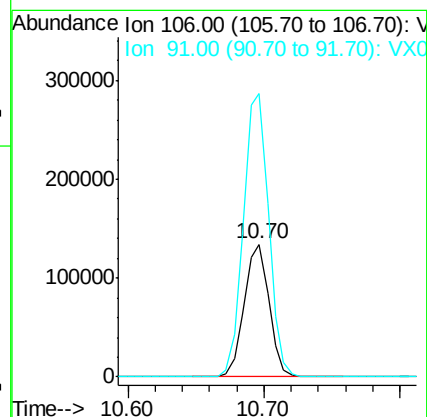
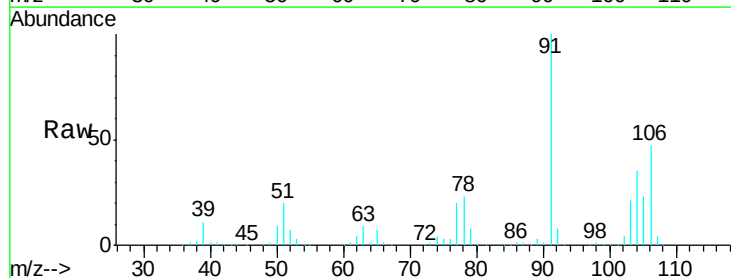
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

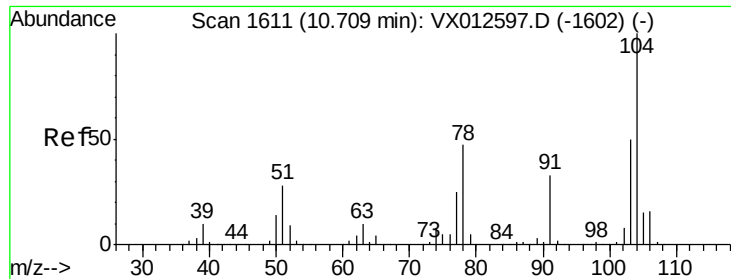
Tgt Ion:106 Resp: 344840
Ion Ratio Lower Upper
106 100
91 208.4 166.6 250.0



#69
o-Xylene
Concen: 49.151 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion:106 Resp: 170678
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2





#70

Styrene

Concen: 50.918 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

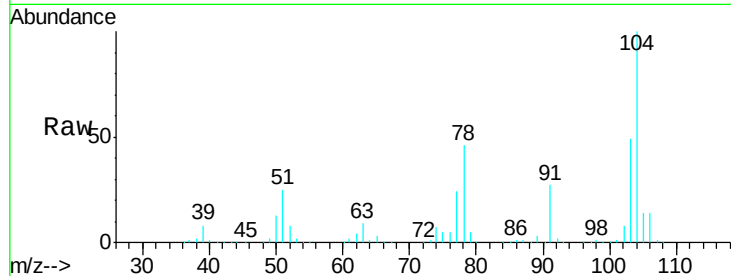
Tgt Ion:104 Resp: 296416

Ion Ratio Lower Upper

104 100

78 53.0 43.4 65.2

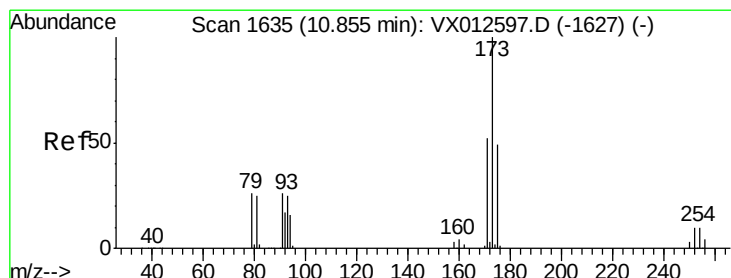
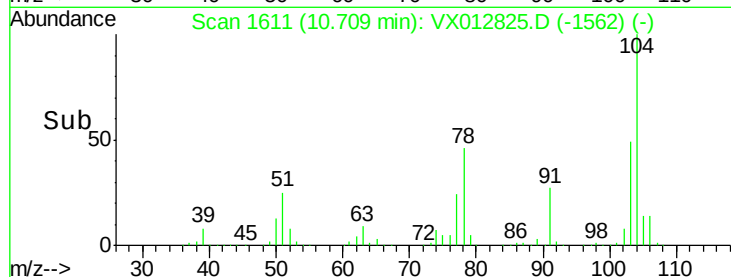
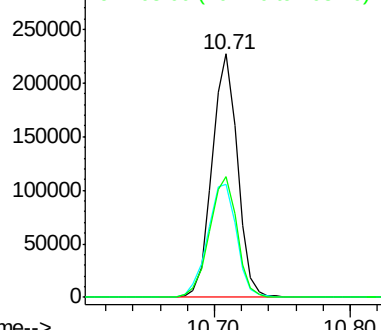
103 53.7 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.929 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

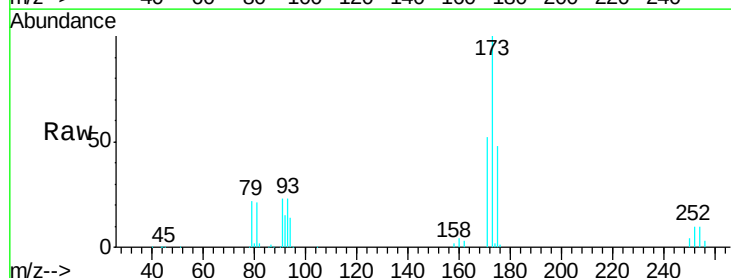
Tgt Ion:173 Resp: 73198

Ion Ratio Lower Upper

173 100

175 47.8 23.7 71.1

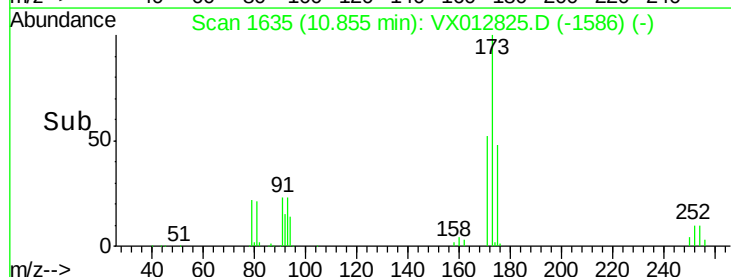
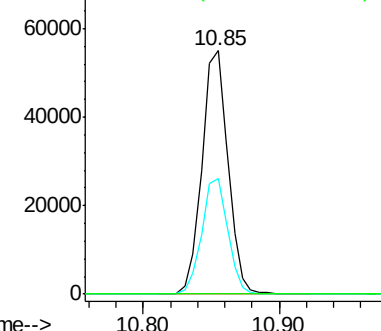
254 0.0 0.1 0.1#

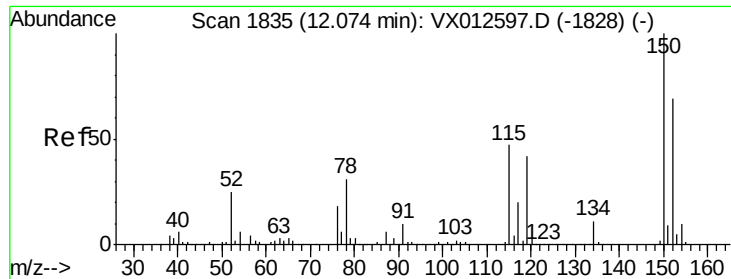


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

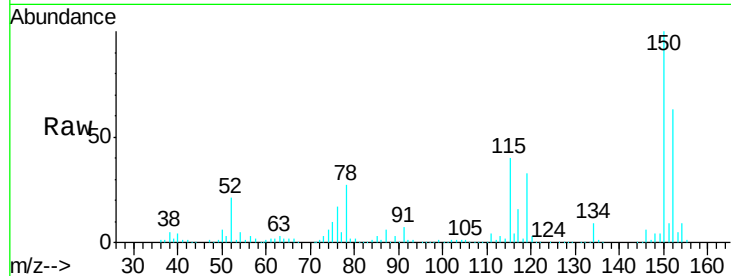
Tgt Ion:152 Resp: 114742

Ion Ratio Lower Upper

152 100

115 87.5 44.1 132.3

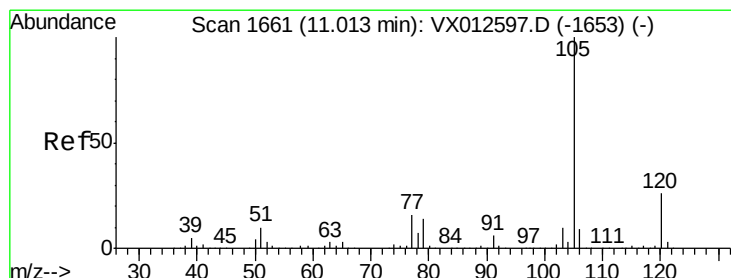
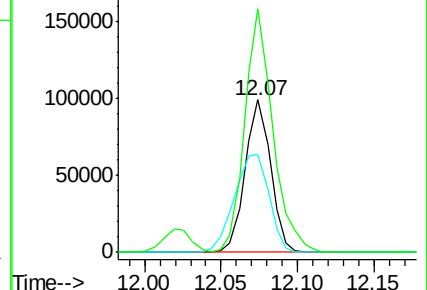
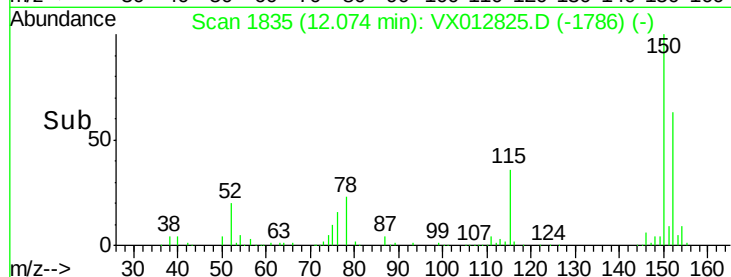
150 175.3 0.0 343.8



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: 48.716 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012825.D

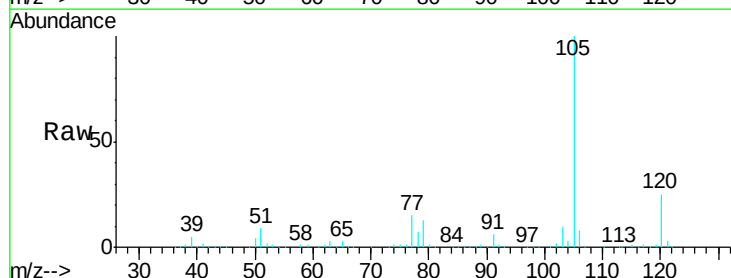
Acq: 04 Oct 2019 20:28

Tgt Ion:105 Resp: 455268

Ion Ratio Lower Upper

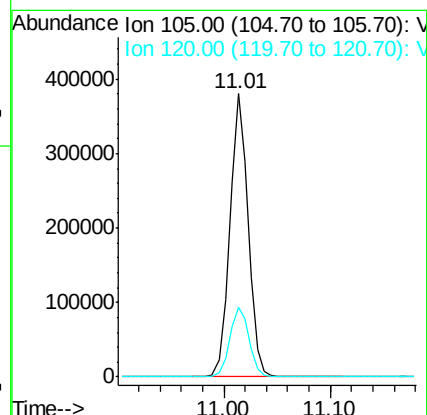
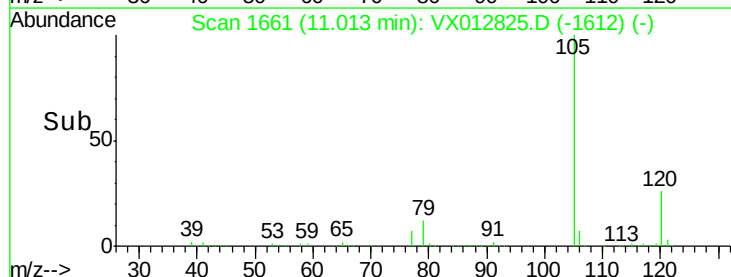
105 100

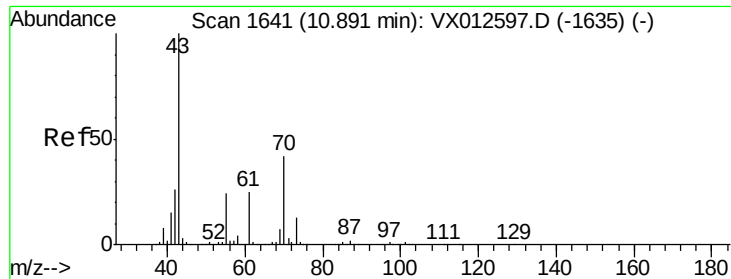
120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 39.331 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tgt Ion: 43 Resp: 175353

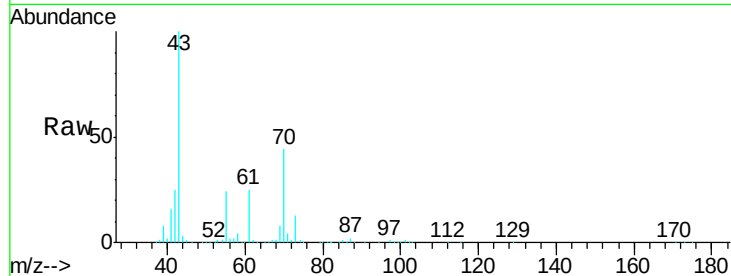
Ion Ratio Lower Upper

43 100

70 44.8 32.4 48.6

55 24.3 18.2 27.4

61 24.7 18.5 27.7

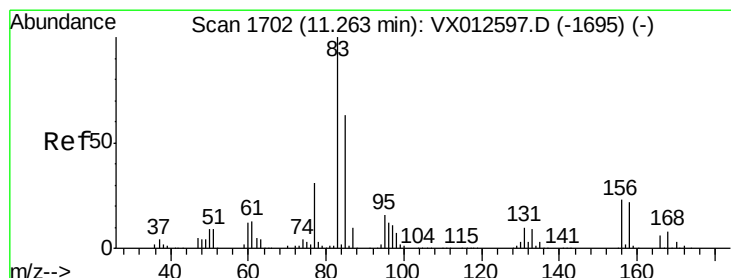
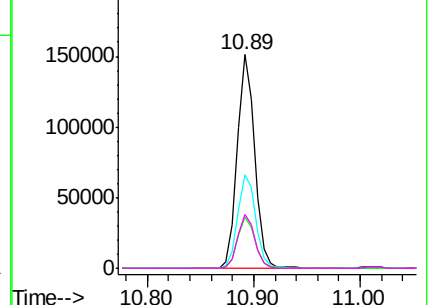
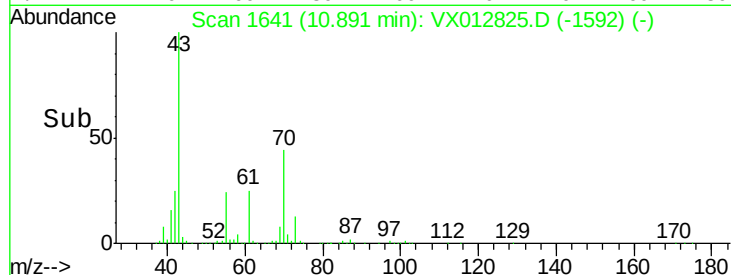


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.697 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

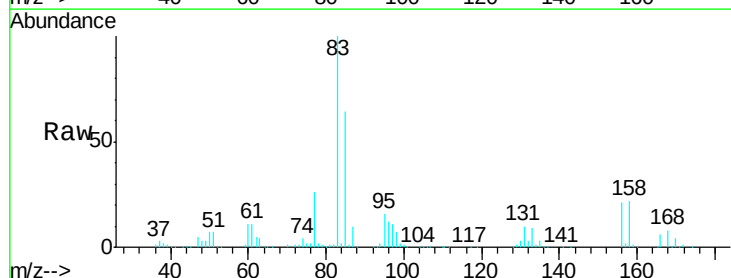
Tgt Ion: 83 Resp: 160005

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

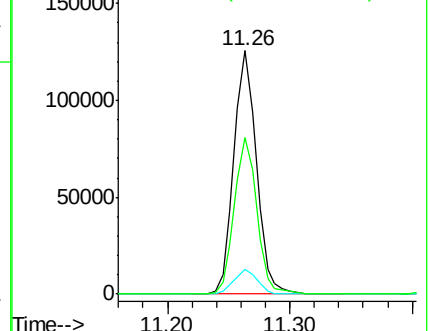
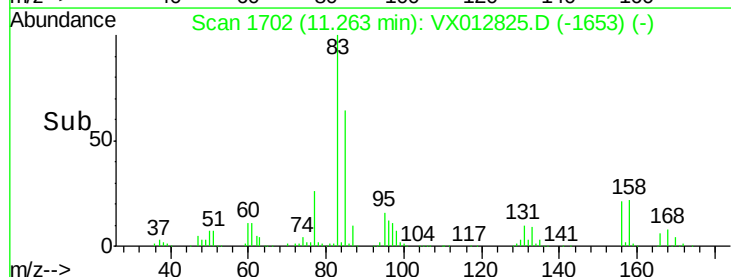
85 64.6 32.0 96.0

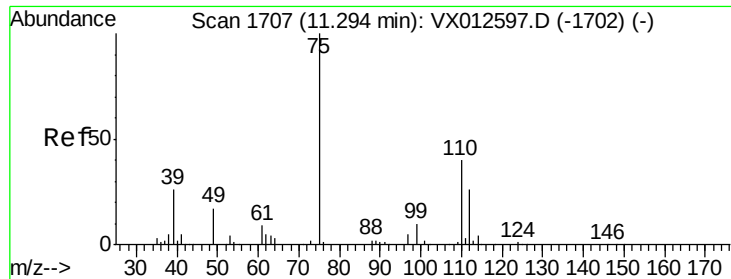


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

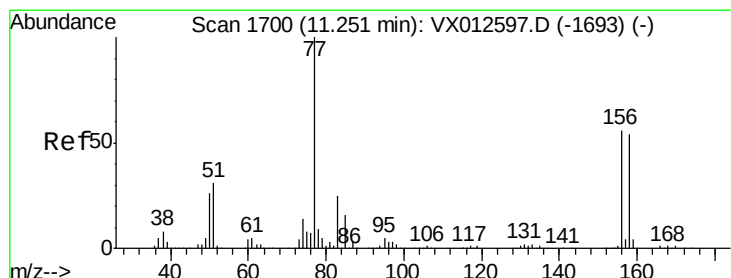
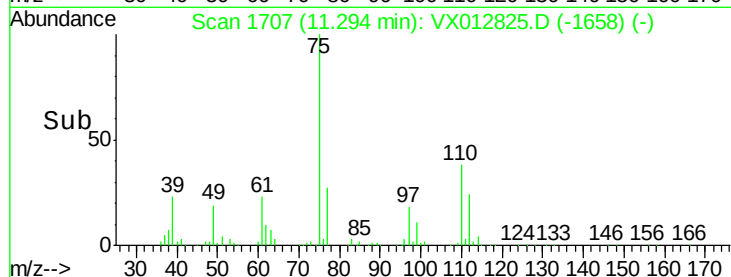
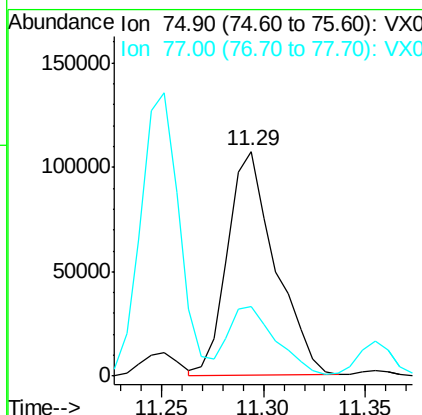
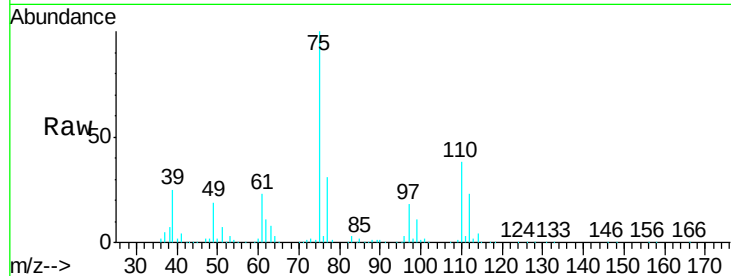




#76
 1,2,3-Trichloropropane
 Concen: 57.038 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

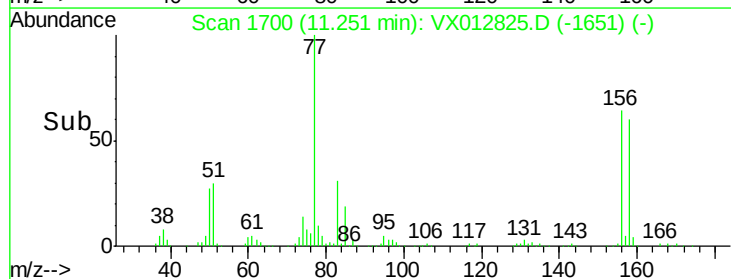
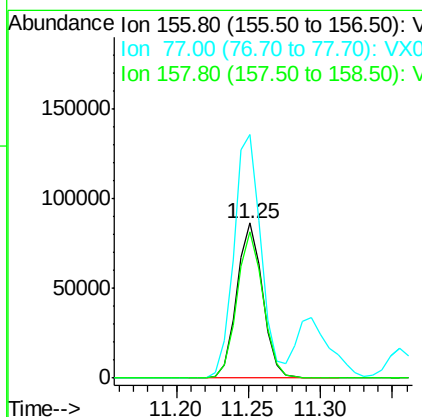
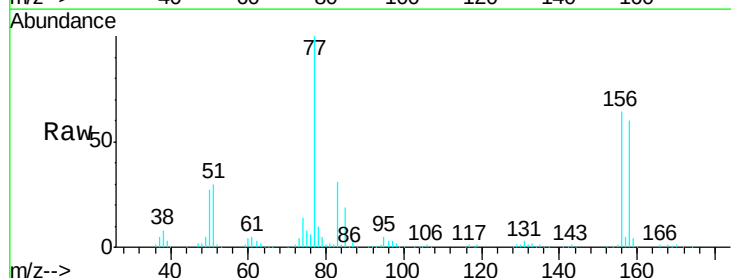
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

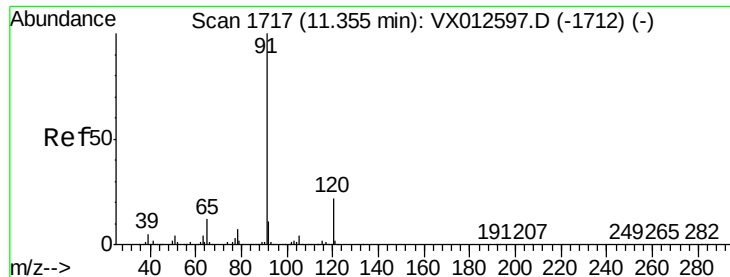
Tgt Ion: 75 Resp: 173122
 Ion Ratio Lower Upper
 75 100
 77 31.4 19.7 59.0



#77
 Bromobenzene
 Concen: 50.853 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 156 Resp: 107559
 Ion Ratio Lower Upper
 156 100
 77 166.7 87.3 261.8
 158 95.3 48.5 145.6





#78

n-propylbenzene

Concen: 47.505 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

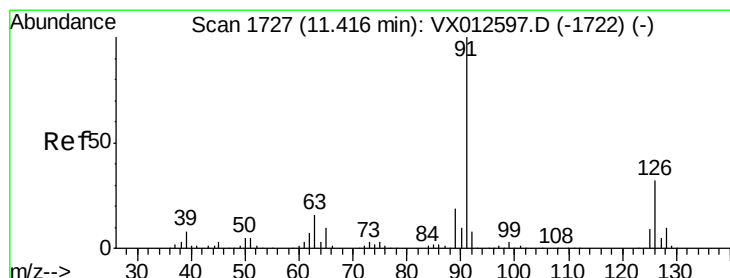
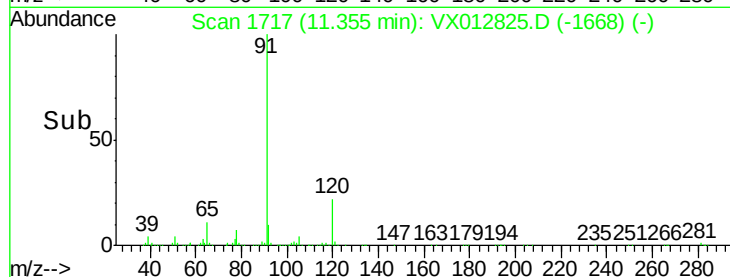
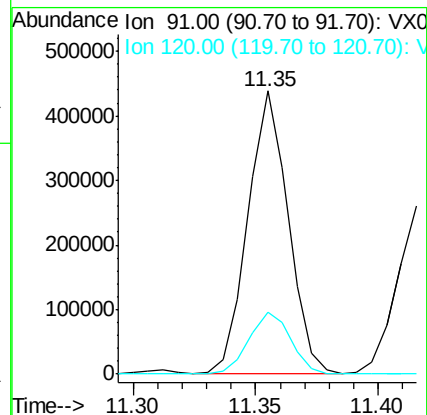
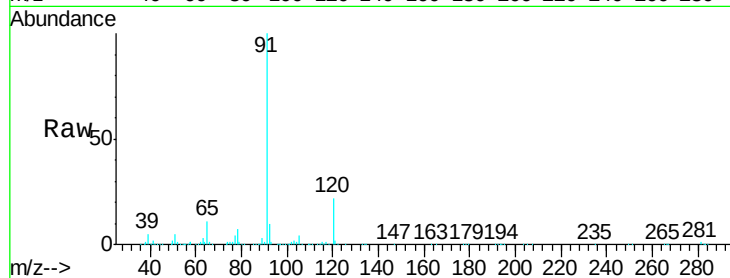
SA-MW127D-20190930MS

Tgt Ion: 91 Resp: 499807

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8



#79

2-Chlorotoluene

Concen: 47.349 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012825.D

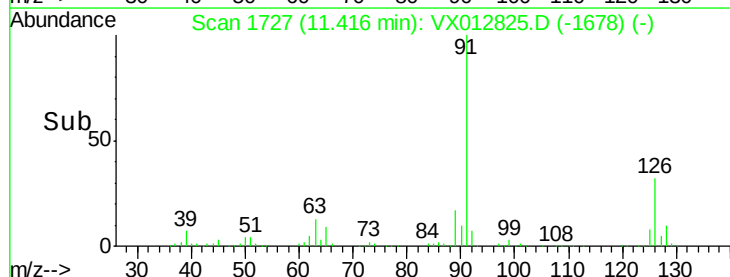
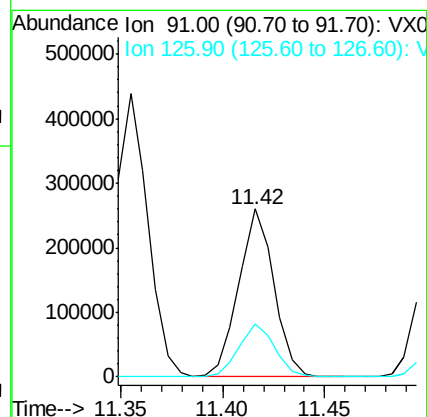
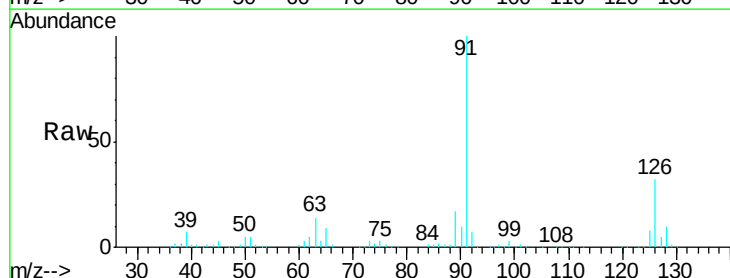
Acq: 04 Oct 2019 20:28

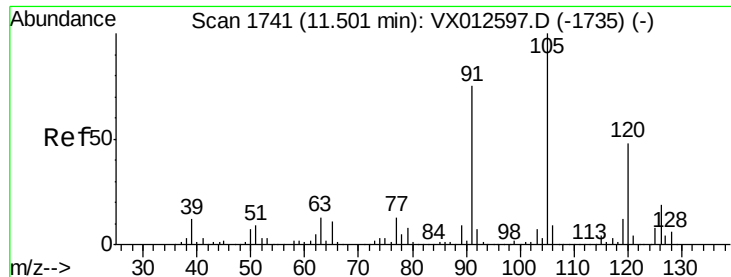
Tgt Ion: 91 Resp: 310769

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.4





#80

1,3,5-Trimethylbenzene

Concen: 47.935 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

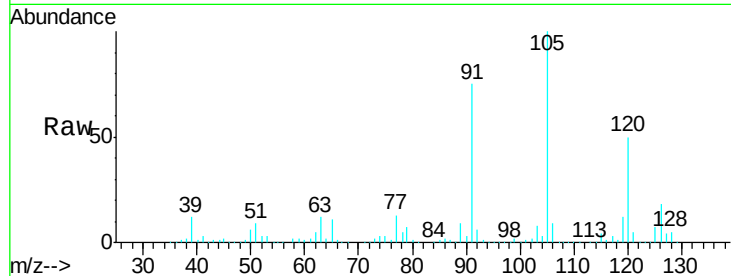
SA-MW127D-20190930MS

Tgt Ion:105 Resp: 375659

Ion Ratio Lower Upper

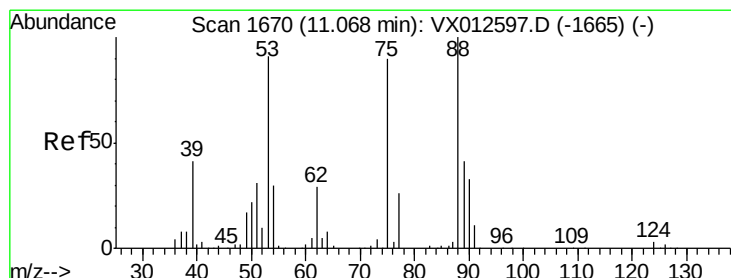
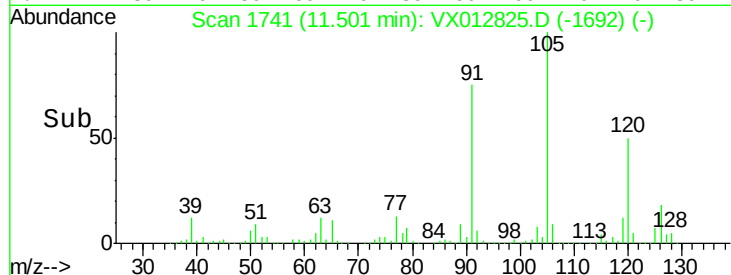
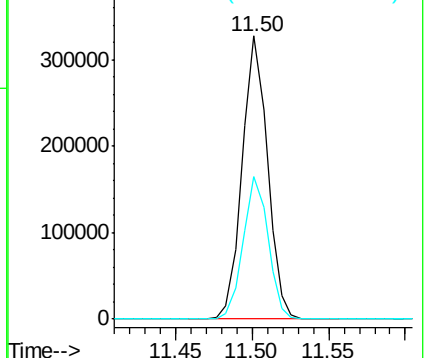
105 100

120 49.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 36.084 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

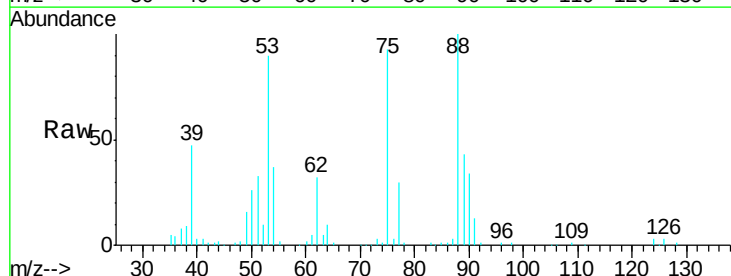
Tgt Ion: 75 Resp: 38217

Ion Ratio Lower Upper

75 100

53 98.2 83.6 125.4

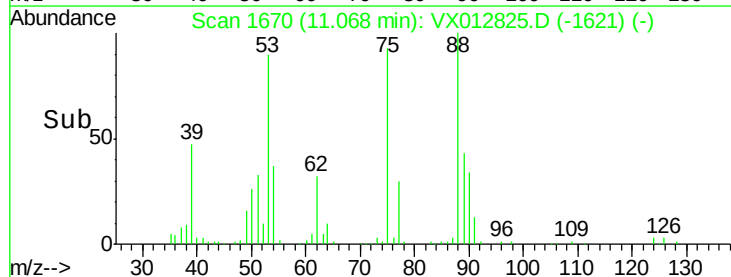
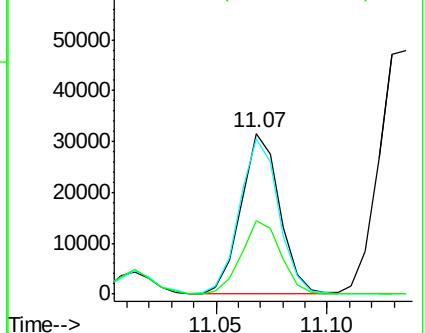
89 47.1 36.3 54.5

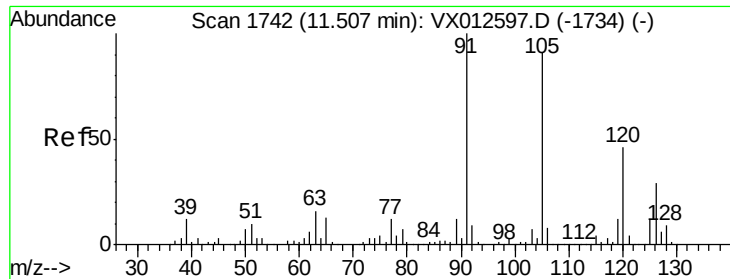


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 47.980 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

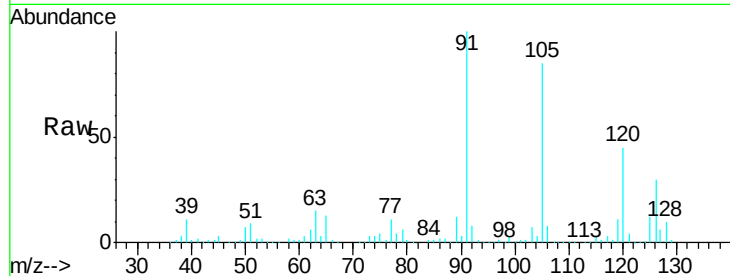
SA-MW127D-20190930MS

Tgt Ion: 91 Resp: 358978

Ion Ratio Lower Upper

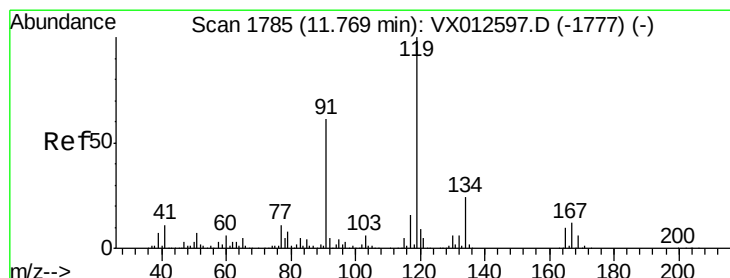
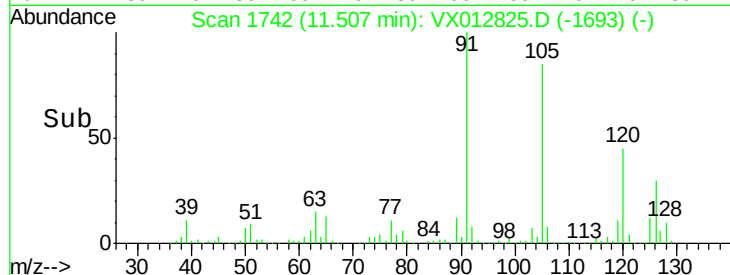
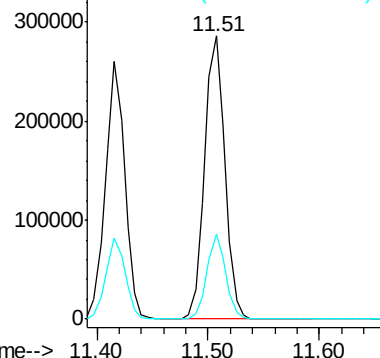
91 100

126 27.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 49.530 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

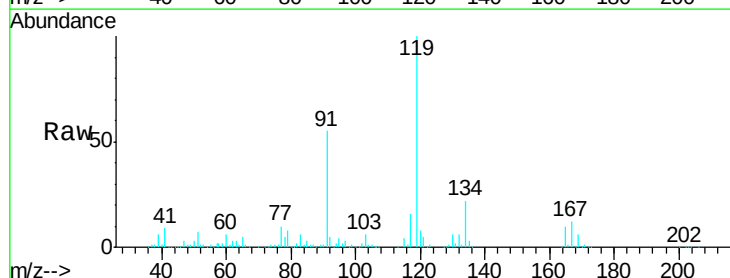
Tgt Ion: 119 Resp: 374429

Ion Ratio Lower Upper

119 100

91 59.4 30.0 90.0

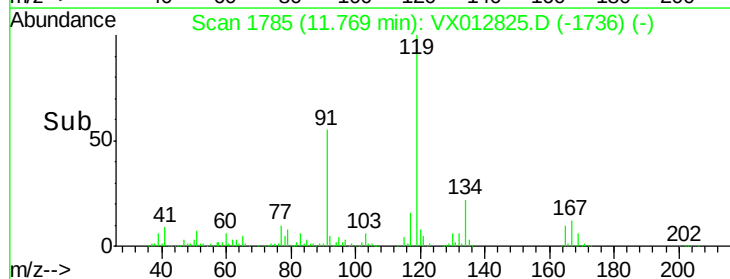
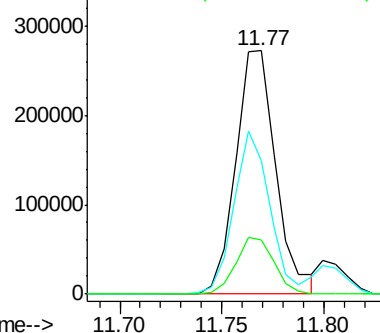
134 22.3 11.3 33.9

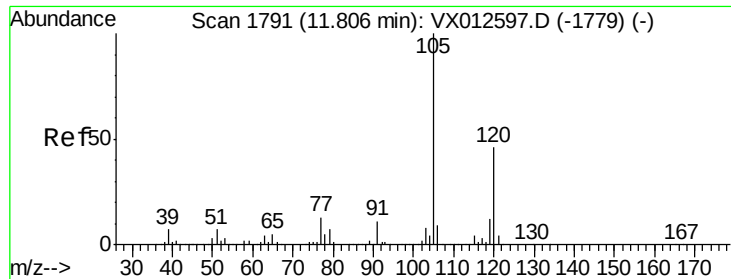


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

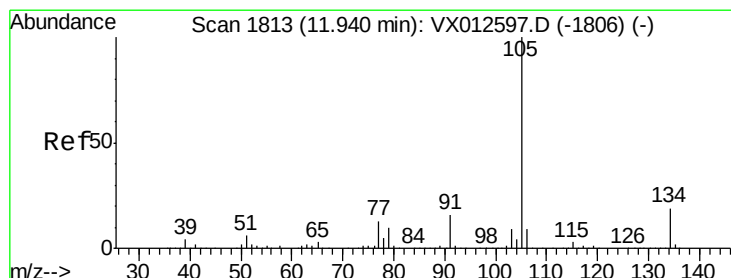
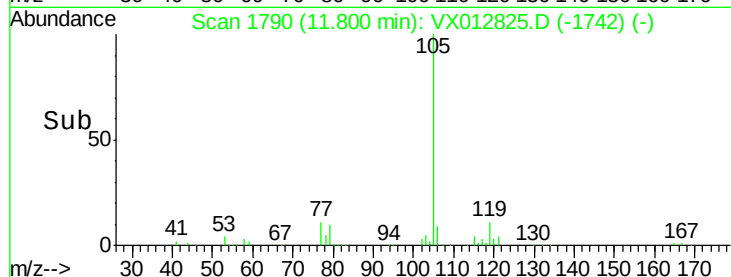
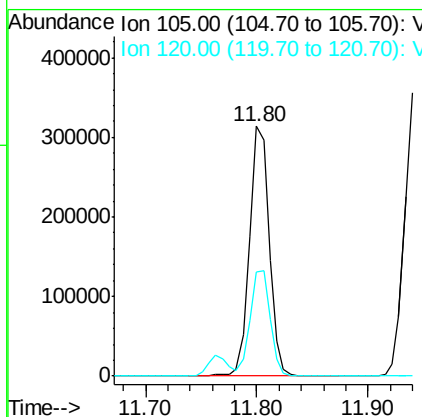
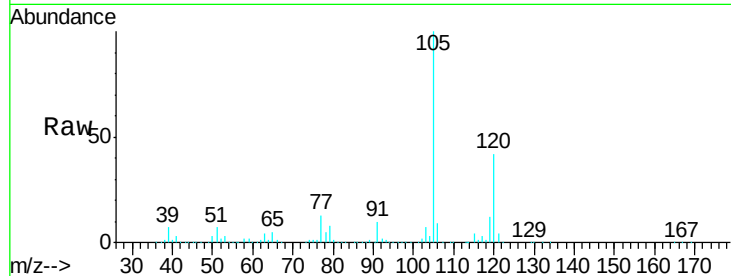




#84
 1,2,4-Trimethylbenzene
 Concen: 48.894 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

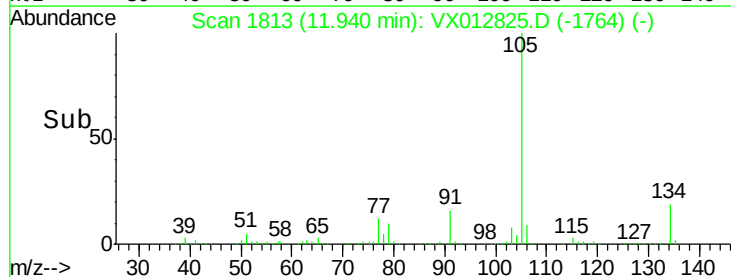
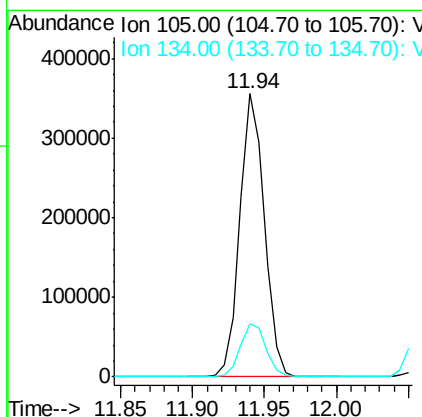
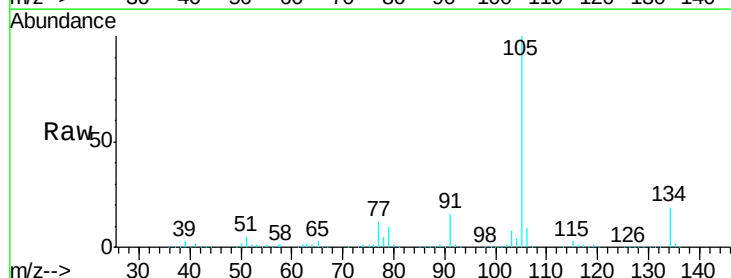
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

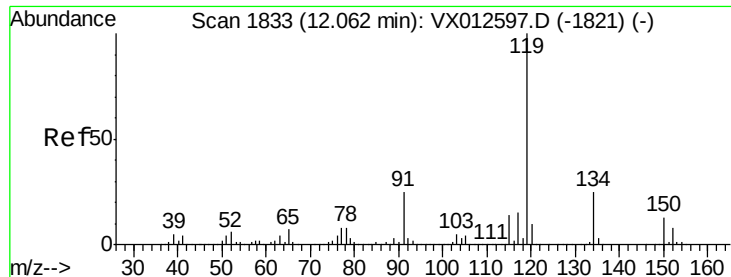
Tgt Ion:105 Resp: 386543
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 47.924 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion:105 Resp: 421381
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

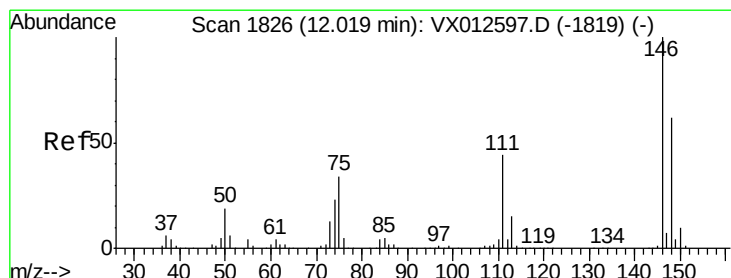
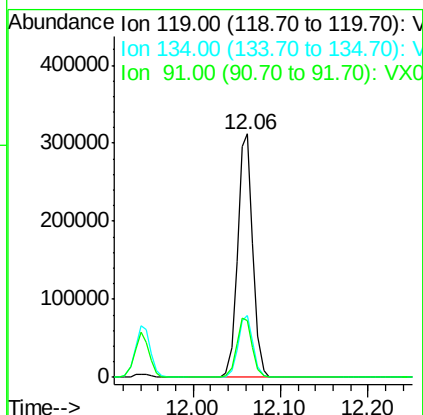
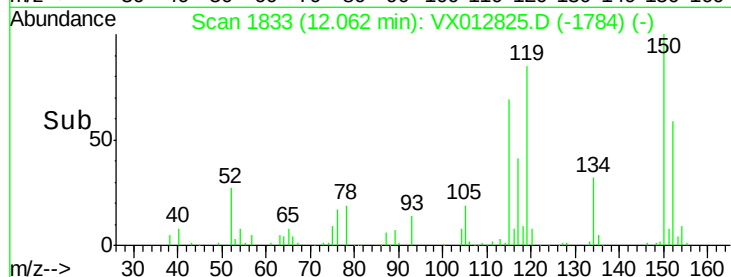
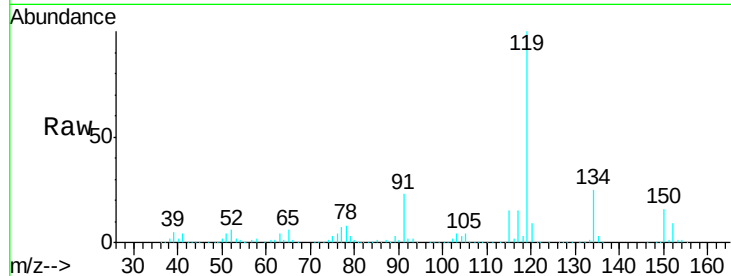




#86
 p-Isopropyltoluene
 Concen: 47.972 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

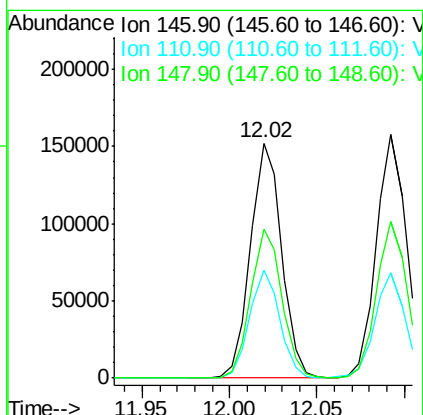
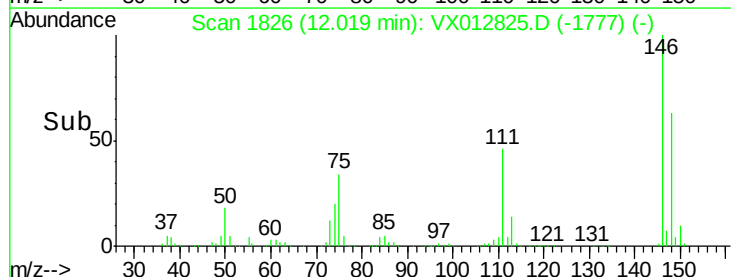
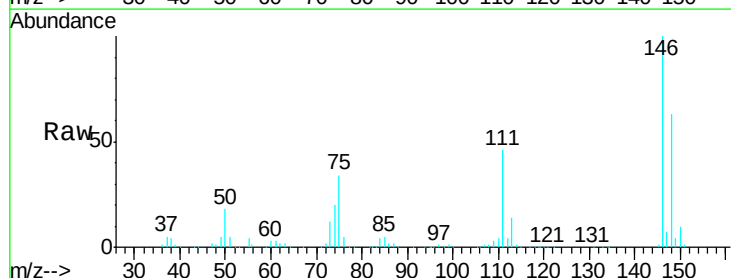
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

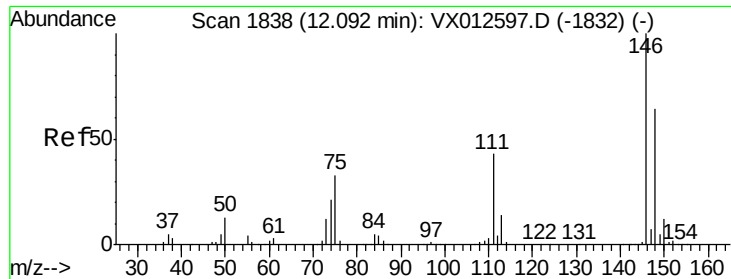
Tgt Ion:119 Resp: 380602
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.9 12.8 38.4



#87
 1,3-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion:146 Resp: 188470
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.3 64.0
 148 63.3 32.4 97.2

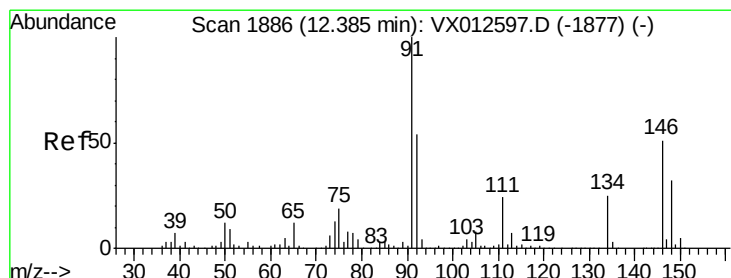
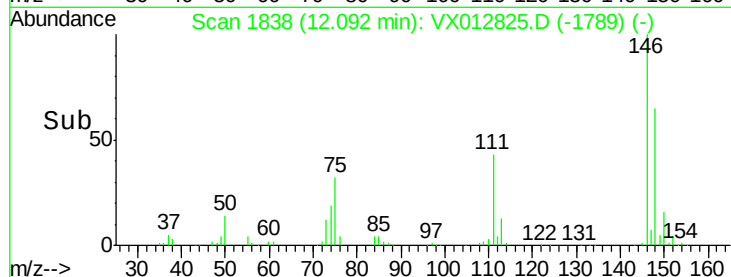
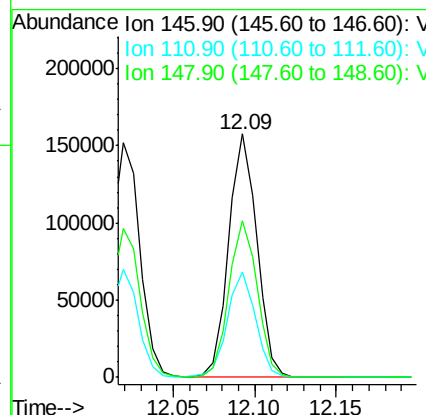
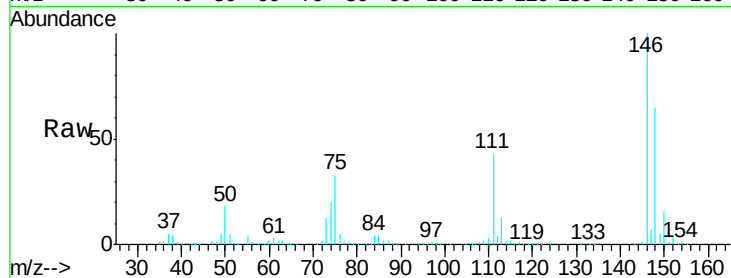




#88
1,4-Dichlorobenzene
Concen: 49.277 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

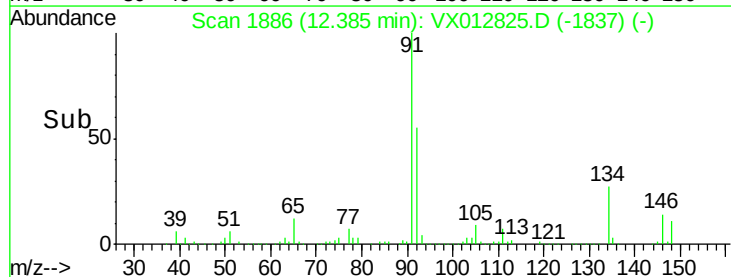
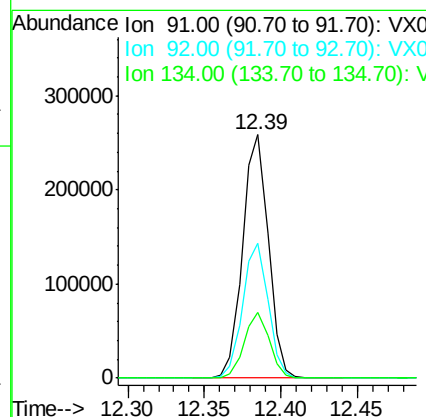
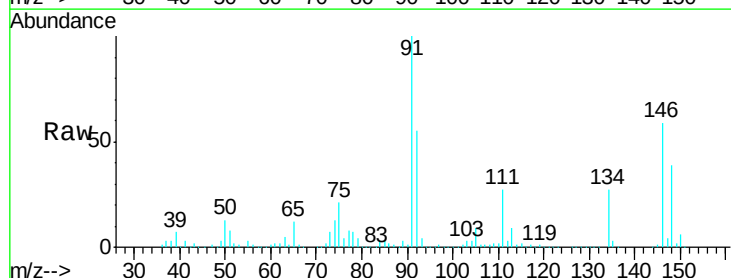
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

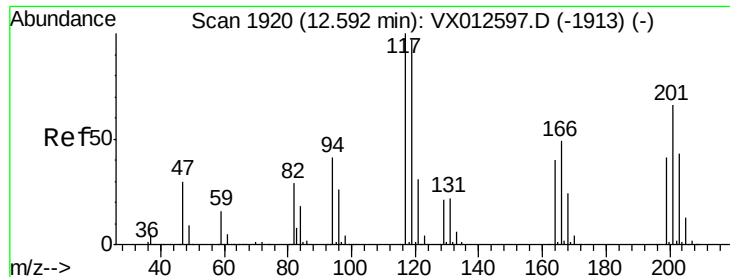
Tgt Ion: 146 Resp: 189534
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 64.6 32.1 96.5



#89
n-Butylbenzene
Concen: 42.960 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 91 Resp: 300347
Ion Ratio Lower Upper
91 100
92 55.3 27.7 83.0
134 26.3 12.9 38.6

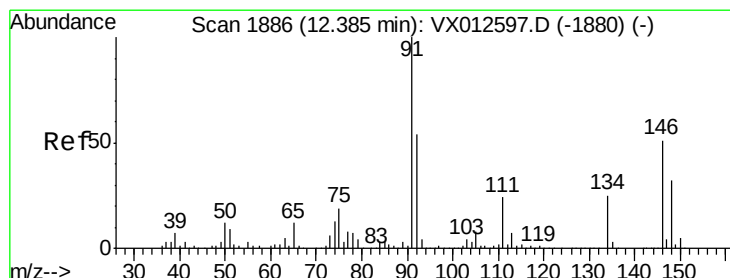
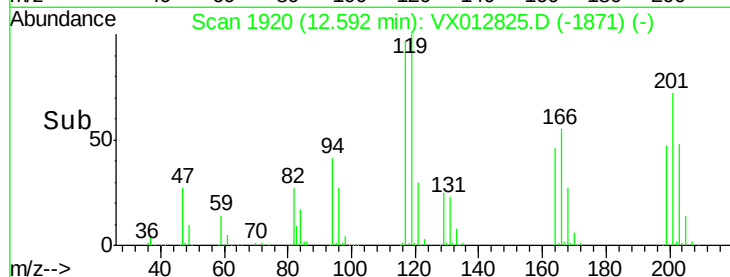
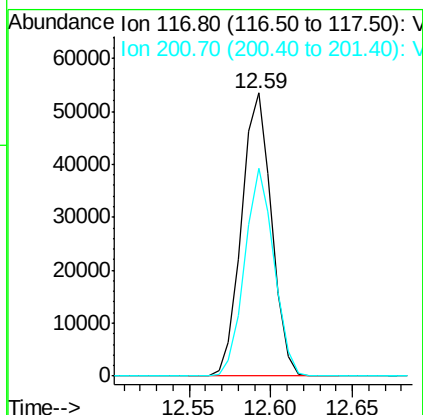
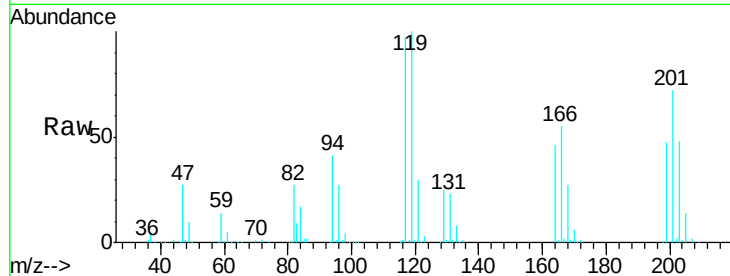




#90
Hexachloroethane
Concen: 48.486 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

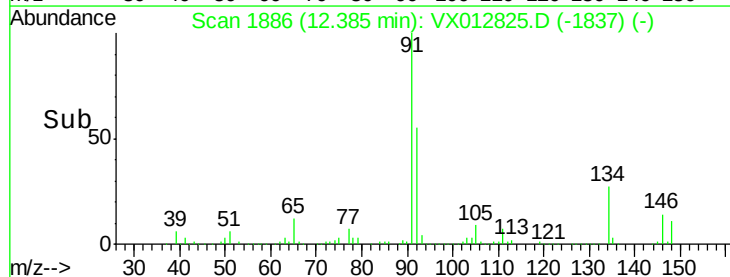
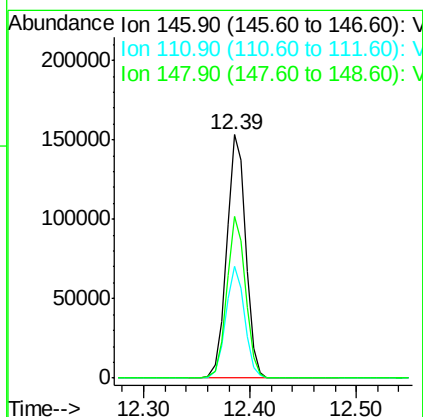
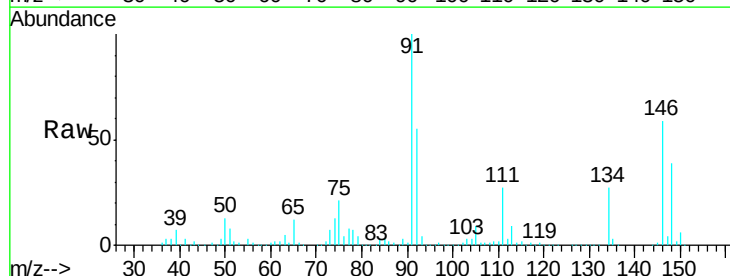
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

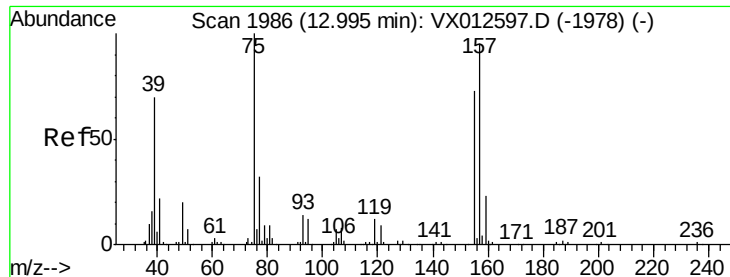
Tgt Ion:117 Resp: 68581
Ion Ratio Lower Upper
117 100
201 72.0 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 50.214 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion:146 Resp: 191354
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.1
148 65.6 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.154 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

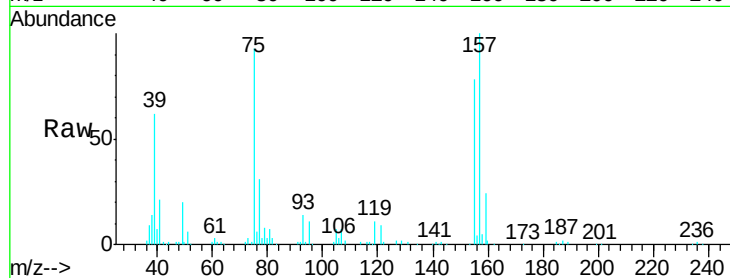
Tgt Ion: 75 Resp: 39604

Ion Ratio Lower Upper

75 100

155 83.3 38.6 115.8

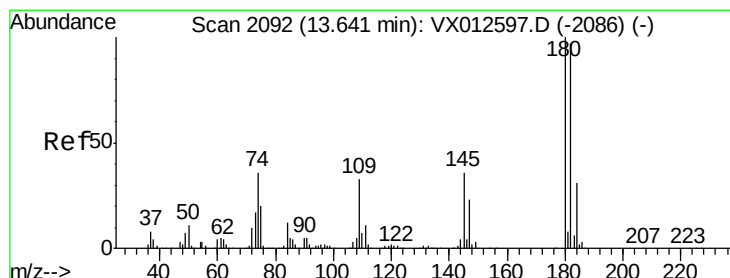
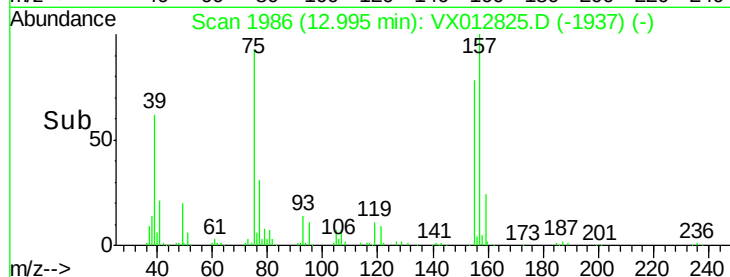
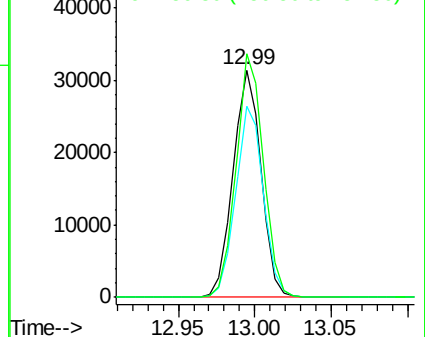
157 105.0 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.773 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

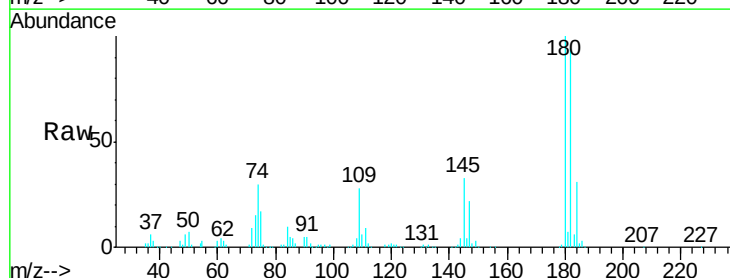
Tgt Ion: 180 Resp: 108700

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.0

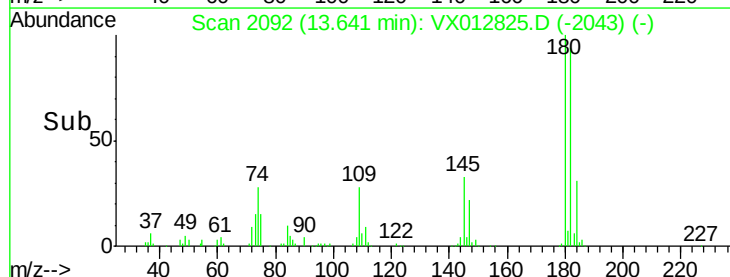
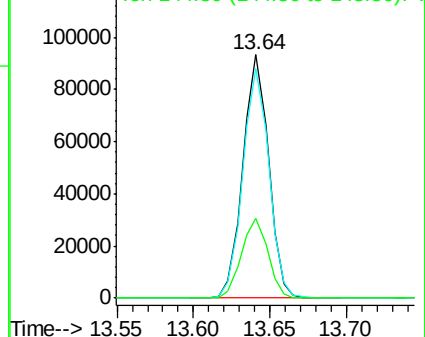
145 33.8 16.8 50.4

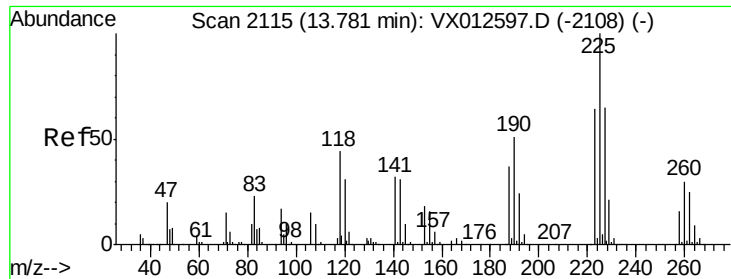


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.503 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

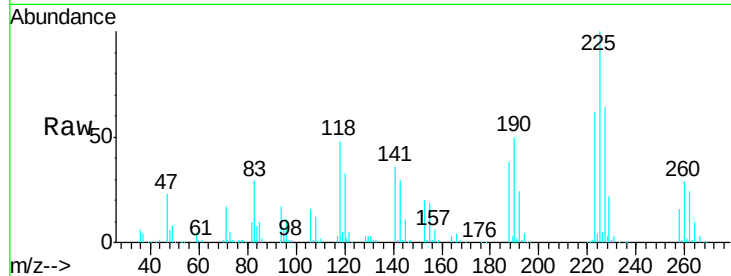
Tgt Ion:225 Resp: 45493

Ion Ratio Lower Upper

225 100

223 62.6 32.0 96.2

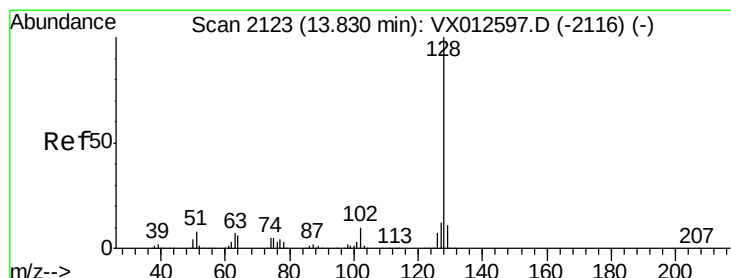
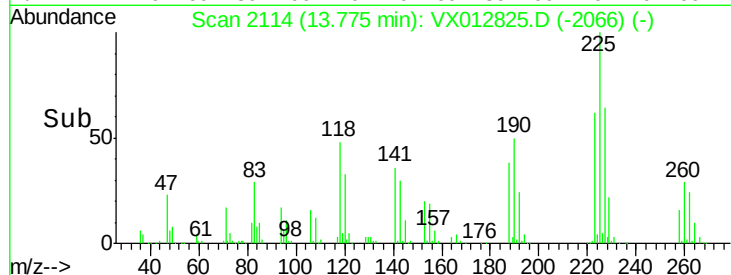
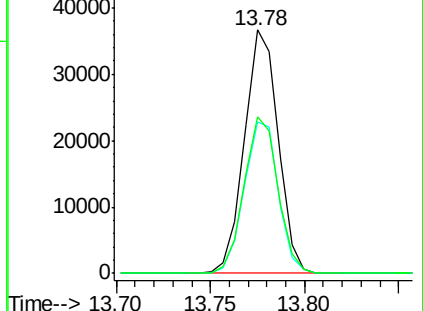
227 64.5 31.9 95.5



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: 49.336 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

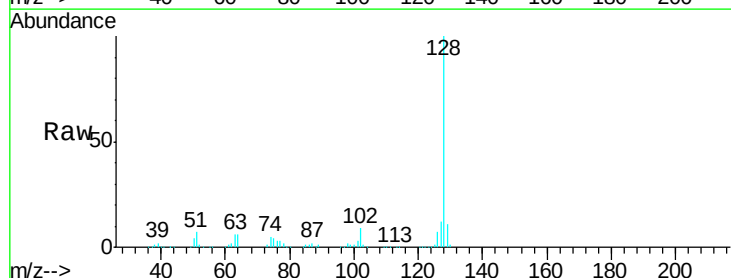
Tgt Ion:128 Resp: 414827

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

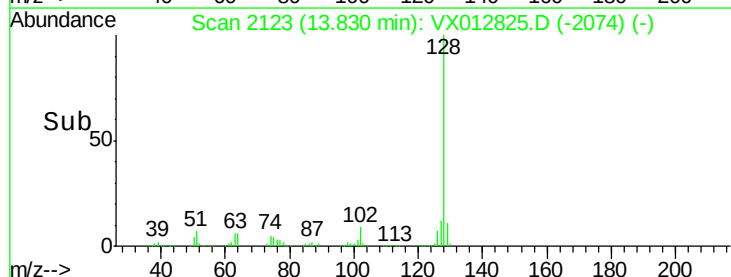
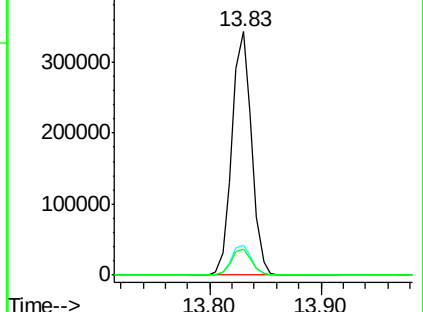
129 11.0 8.8 13.2

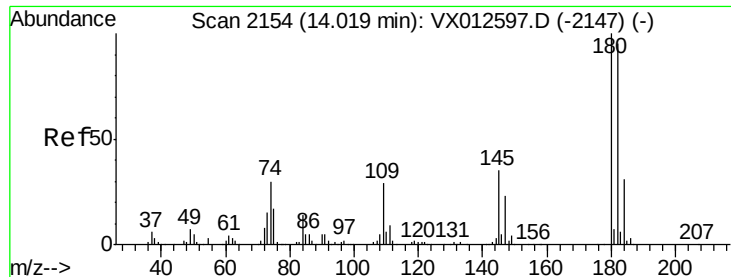


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.515 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.1	141.3
145	35.4	18.0	54.0

