

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012747.D
 Acq On : 01 Oct 2019 20:42
 Operator : JC/SP
 Sample : K5082-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

Quant Time: Oct 02 01:50:16 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	170752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122986	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111730	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	5.48	113	85747	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	322214	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
62) 4-Bromofluorobenzene	11.14	95	122684	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	81947	42.660	ug/l 96
3) Chloromethane	1.32	50	95421	43.260	ug/l 100
4) Vinyl Chloride	1.40	62	99526	45.395	ug/l 98
5) Bromomethane	1.63	94	37493	43.495	ug/l 95
6) Chloroethane	1.71	64	64451	43.606	ug/l 97
7) Trichlorofluoromethane	1.92	101	140401	45.611	ug/l 100
8) Diethyl Ether	2.18	74	57209	45.351	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89666	47.825	ug/l 95
10) Methyl Iodide	2.50	142	96873	49.140	ug/l 94
11) Tert butyl alcohol	3.04	59	133723	215.287	ug/l 100
12) 1,1-Dichloroethene	2.36	96	89377	48.683	ug/l 96
13) Acrolein	2.28	56	82040	237.629	ug/l 98
14) Allyl chloride	2.72	41	163825	44.977	ug/l 96
15) Acrylonitrile	3.13	53	305499	242.429	ug/l 98
16) Acetone	2.44	43	266999	202.726	ug/l 96
17) Carbon Disulfide	2.56	76	223508	43.426	ug/l 100
18) Methyl Acetate	2.76	43	136148	43.902	ug/l 96
19) Methyl tert-butyl Ether	3.19	73	330442	47.552	ug/l 100
20) Methylene Chloride	2.84	84	104685	46.995	ug/l 94
21) trans-1,2-Dichloroethene	3.15	96	95531	46.969	ug/l 96
22) Diisopropyl ether	3.84	45	328402	46.660	ug/l 98
23) Vinyl Acetate	3.80	43	1350359	218.785	ug/l 97
24) 1,1-Dichloroethane	3.69	63	183132	47.868	ug/l 99
25) 2-Butanone	4.66	43	418055	221.376	ug/l 95
26) 2,2-Dichloropropane	4.58	77	121334	35.659	ug/l 95
27) cis-1,2-Dichloroethene	4.59	96	112427	47.639	ug/l 91
28) Bromochloromethane	5.01	49	65856	47.408	ug/l 97
29) Tetrahydrofuran	5.12	42	273051	237.227	ug/l 96
30) Chloroform	5.20	83	184377	47.106	ug/l 95
31) Cyclohexane	5.57	56	159766	46.161	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	163986	47.273	ug/l 98
36) 1,1-Dichloropropene	5.79	75	133477	45.813	ug/l 98
37) Ethyl Acetate	4.83	43	150307	44.127	ug/l 97
38) Carbon Tetrachloride	5.77	117	138722	46.871	ug/l 98

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Quant Time: Oct 02 01:50:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158524	45.196	ug/l	95
40) Benzene	6.14	78	404696	47.209	ug/l	98
41) Methacrylonitrile	5.03	41	86935	45.489	ug/l	95
42) 1,2-Dichloroethane	6.18	62	150281	46.165	ug/l	98
43) Isopropyl Acetate	6.43	43	249739	43.843	ug/l	97
44) Trichloroethene	7.21	130	104714	47.782	ug/l	93
45) 1,2-Dichloropropane	7.51	63	105061	47.869	ug/l	97
46) Dibromomethane	7.65	93	70416	47.123	ug/l	98
47) Bromodichloromethane	7.89	83	141702	47.447	ug/l	99
48) Methyl methacrylate	7.76	41	127091	46.531	ug/l	92
49) 1,4-Dioxane	7.73	88	52425	846.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	825583	234.793	ug/l	96
52) Toluene	8.78	92	260186	48.291	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	151988	45.996	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165416	45.849	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	104871	48.958	ug/l	98
56) Ethyl methacrylate	9.17	69	172715	47.994	ug/l	92
57) 1,3-Dichloropropane	9.37	76	181005	48.282	ug/l	100
59) 2-Hexanone	9.49	43	630446	234.240	ug/l	95
60) Dibromochloromethane	9.58	129	108239	49.917	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109662	49.191	ug/l	98
64) Tetrachloroethene	9.33	164	90734	48.393	ug/l	95
65) Chlorobenzene	10.14	112	270342	47.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101480	49.459	ug/l	99
67) Ethyl Benzene	10.24	91	493307	48.029	ug/l	99
68) m/p-Xylenes	10.35	106	367004	95.387	ug/l	99
69) o-Xylene	10.70	106	180766	48.555	ug/l	99
70) Styrene	10.71	104	306305	49.078	ug/l	98
71) Bromoform	10.85	173	72751	50.922	ug/l	97
73) Isopropylbenzene	11.01	105	478893	47.809	ug/l	100
74) N-amyl acetate	10.89	43	207367	43.394	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	162345	48.937	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186575	57.350	ug/l	87
77) Bromobenzene	11.25	156	106865	47.138	ug/l	97
78) n-propylbenzene	11.35	91	527392	46.766	ug/l	99
79) 2-Chlorotoluene	11.42	91	325343	46.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	410279	48.843	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	47556	41.891	ug/l	98
82) 4-Chlorotoluene	11.51	91	378858	47.242	ug/l	98
83) tert-Butylbenzene	11.77	119	392701	48.465	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	401574	47.391	ug/l	98
85) sec-Butylbenzene	11.94	105	452970	48.063	ug/l	99
86) p-Isopropyltoluene	12.06	119	407874	47.963	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200327	49.101	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	197729	47.961	ug/l	99
89) n-Butylbenzene	12.38	91	345623	46.123	ug/l	100
90) Hexachloroethane	12.59	117	73090	48.210	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	202278	49.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39769	47.924	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	120875	48.525	ug/l	98

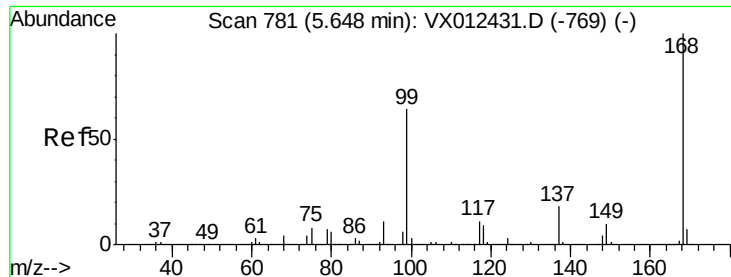
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52625	49.108	ug/l	99
95) Naphthalene	13.83	128	455083	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126644	50.754	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

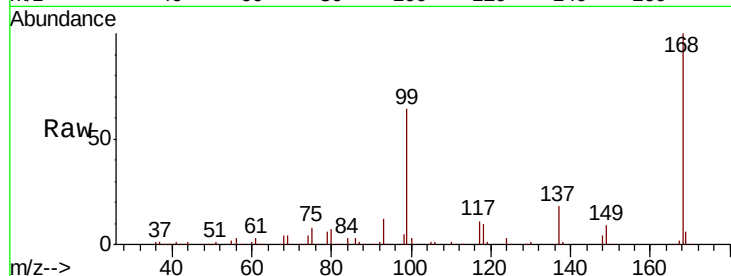
SA-SW201-20190926MSD

Tot Ion:168 Resp: 170752

Ion Ratio Lower Upper

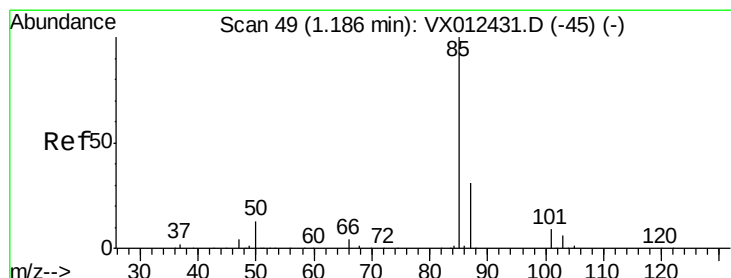
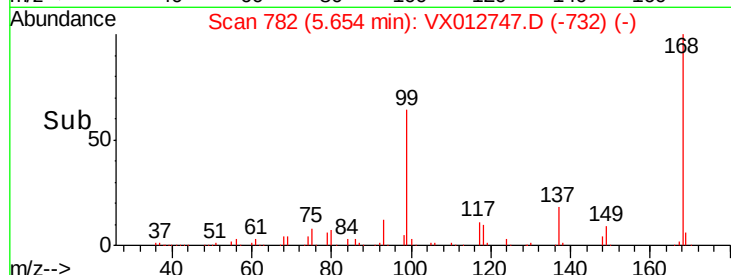
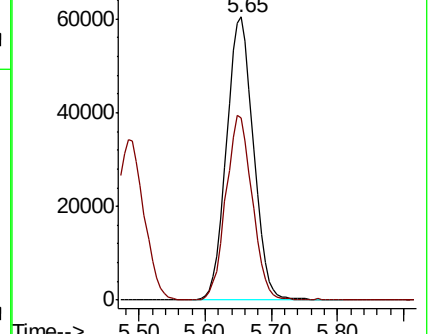
168 100

99 64.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.660 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012747.D

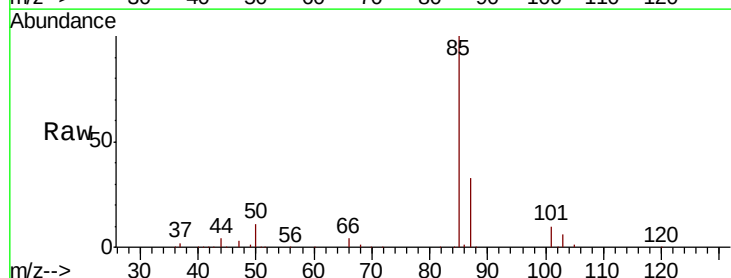
Acq: 01 Oct 2019 20:42

Tgt Ion: 85 Resp: 81947

Ion Ratio Lower Upper

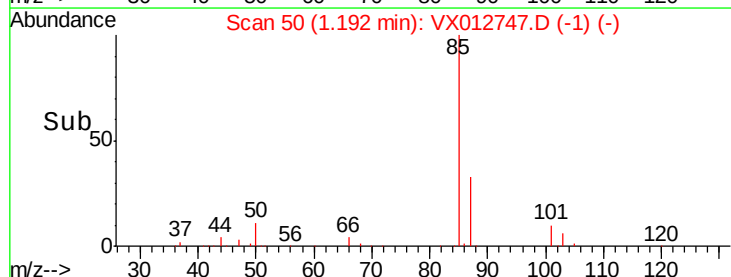
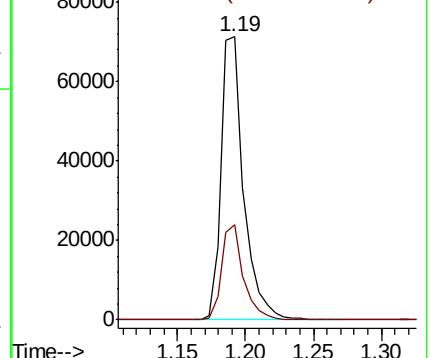
85 100

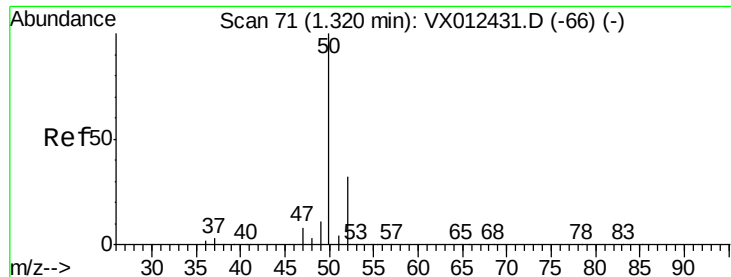
87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.260 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

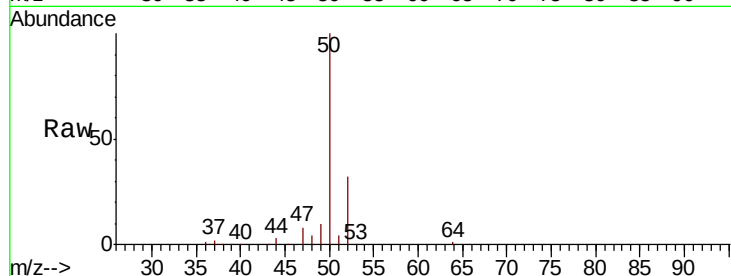
SA-SW201-20190926MSD

Tot Ion: 50 Resp: 95421

Ion Ratio Lower Upper

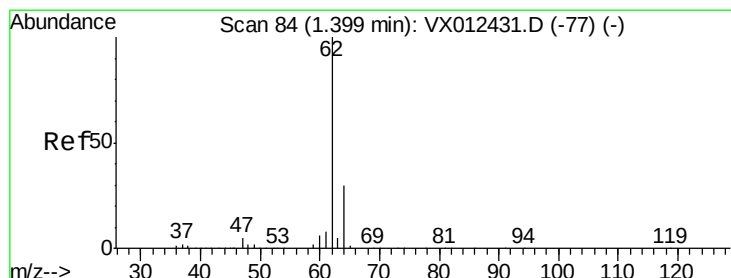
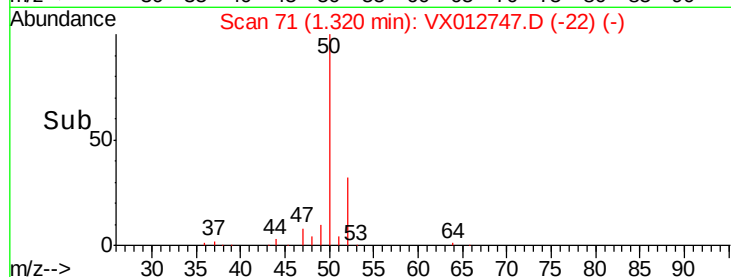
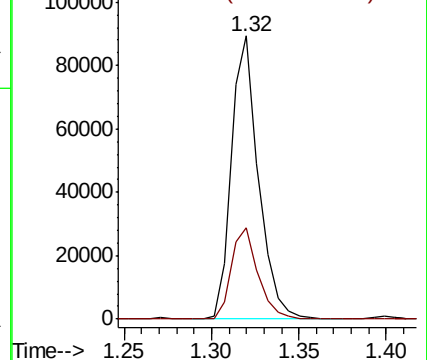
50 100

52 32.1 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: 45.395 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012747.D

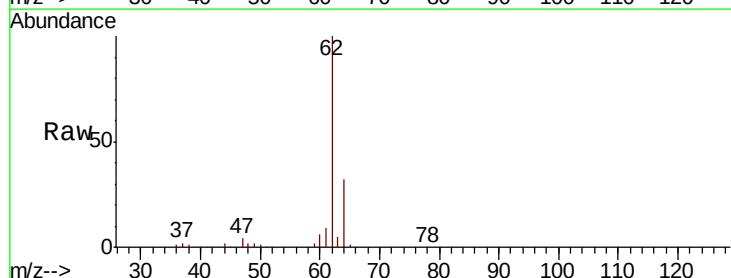
Acq: 01 Oct 2019 20:42

Tgt Ion: 62 Resp: 99526

Ion Ratio Lower Upper

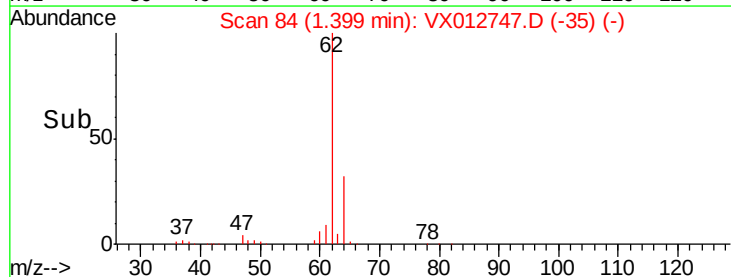
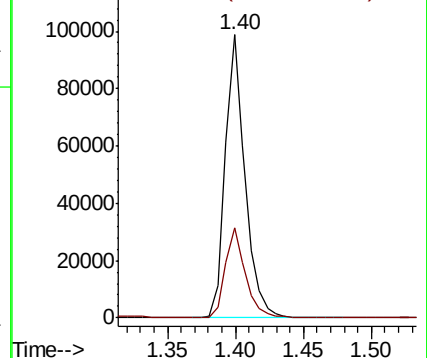
62 100

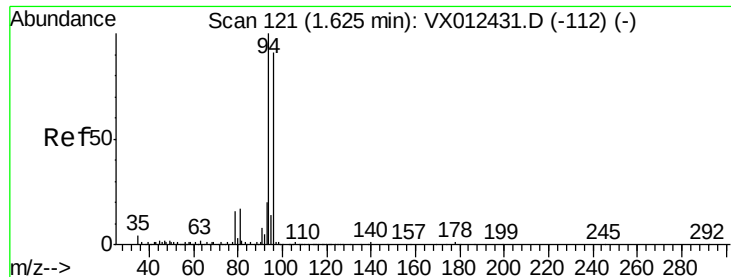
64 31.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.495 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

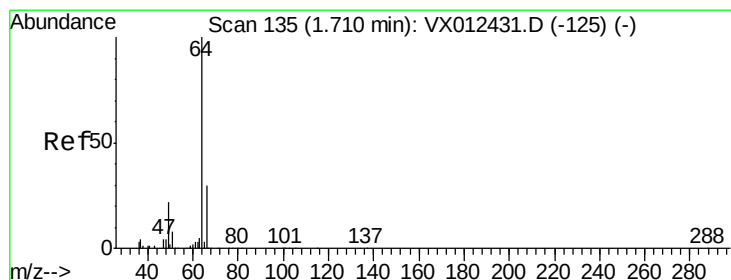
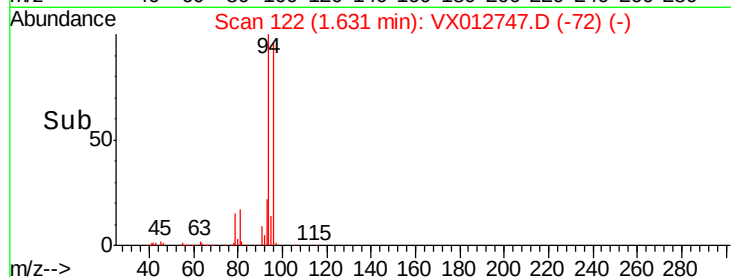
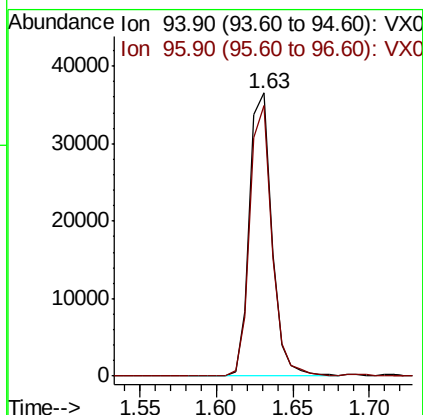
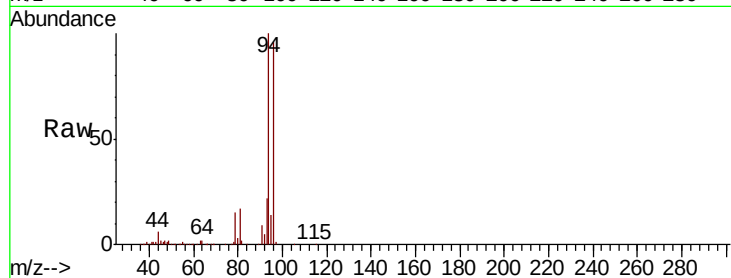
SA-SW201-20190926MSD

Tot Ion: 94 Resp: 37493

Ion Ratio Lower Upper

94 100

96 95.6 72.8 109.2



#6

Chloroethane

Concen: 43.606 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012747.D

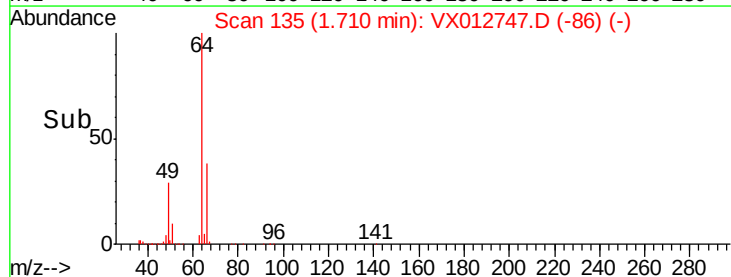
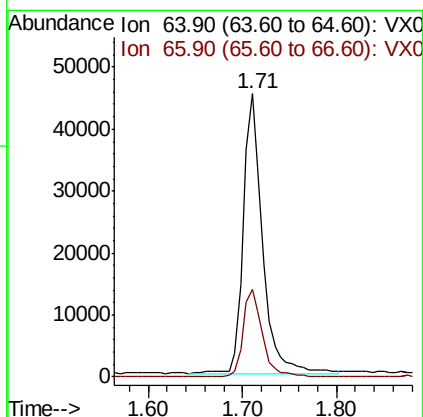
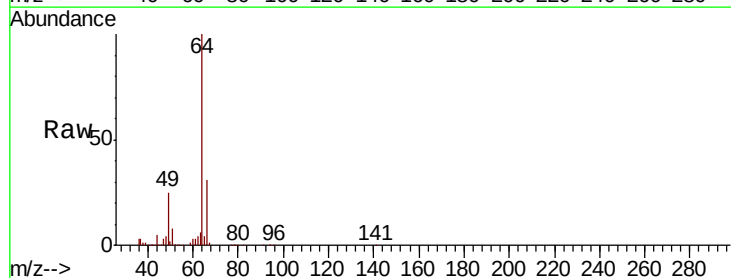
Acq: 01 Oct 2019 20:42

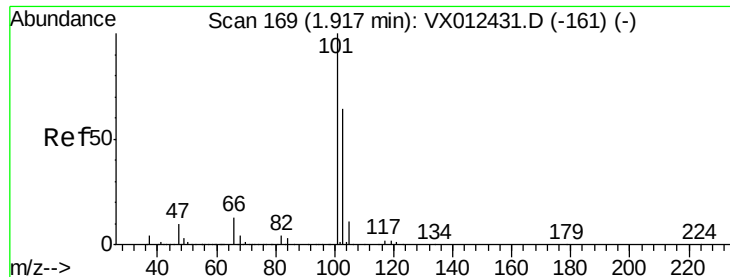
Tgt Ion: 64 Resp: 64451

Ion Ratio Lower Upper

64 100

66 31.4 24.0 36.0



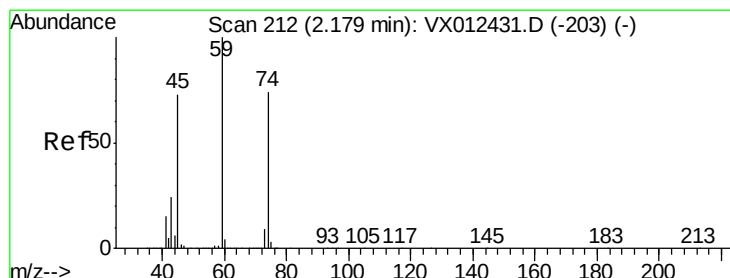
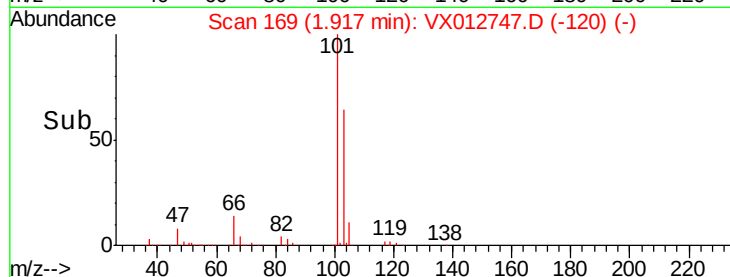
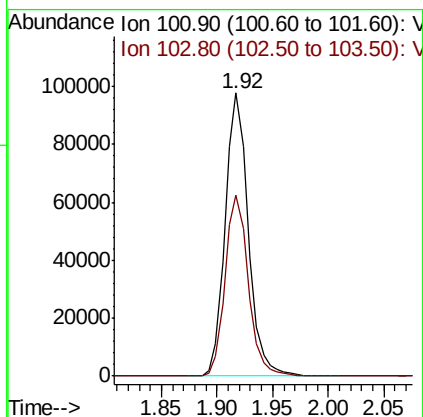
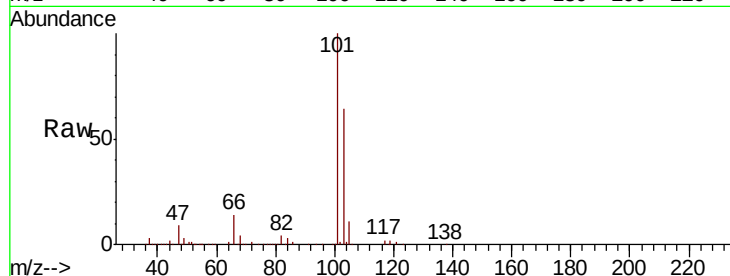


#7

Trichlorofluoromethane
 Concen: 45.611 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

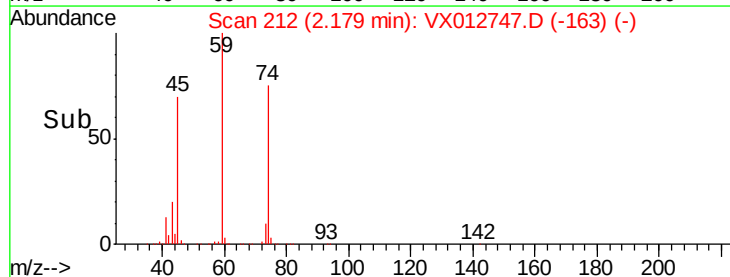
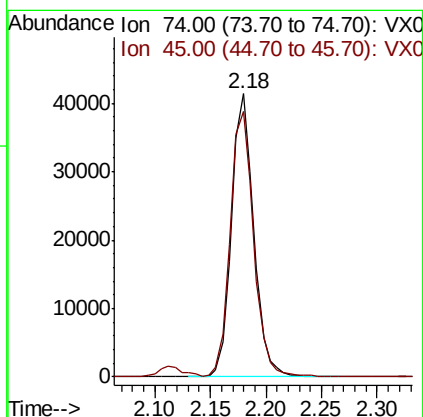
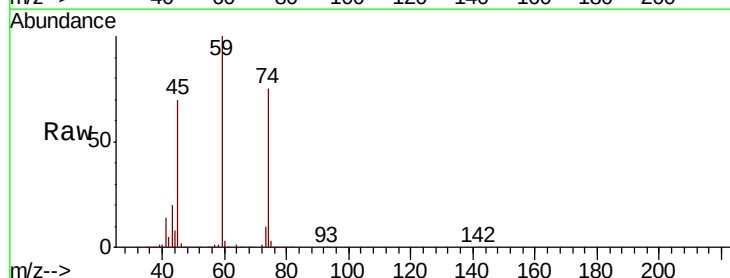
Tot Ion:101 Resp: 140401
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.4

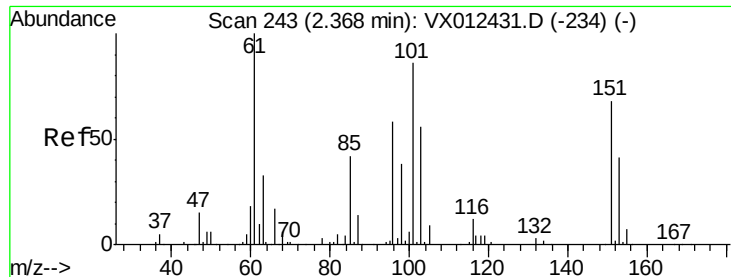


#8

Diethyl Ether
 Concen: 45.351 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion: 74 Resp: 57209
 Ion Ratio Lower Upper
 74 100
 45 98.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.825 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

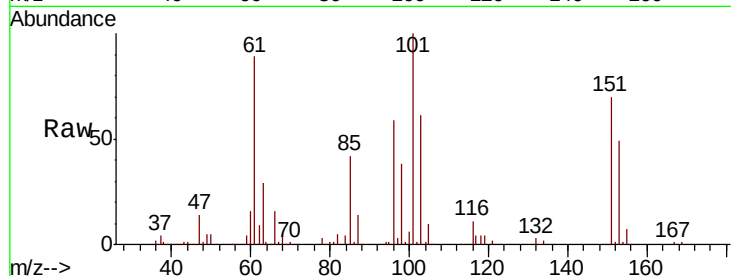
Tot Ion:101 Resp: 89666

Ion Ratio Lower Upper

101 100

85 42.8 37.3 55.9

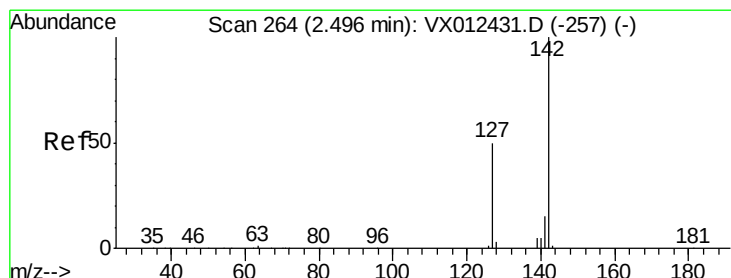
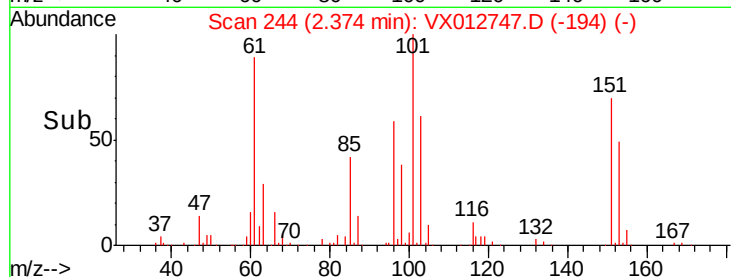
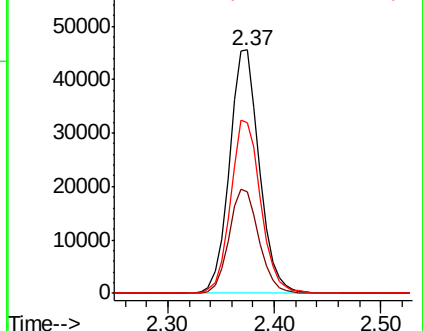
151 71.8 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.140 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

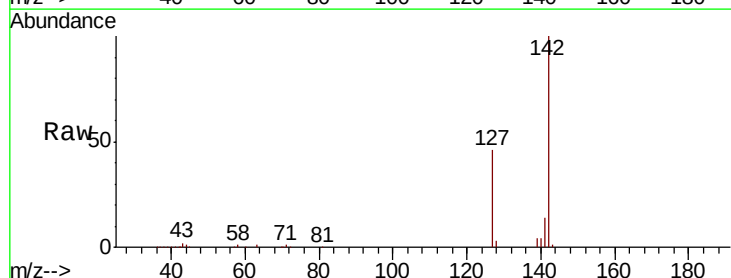
Tgt Ion:142 Resp: 96873

Ion Ratio Lower Upper

142 100

127 45.8 40.8 61.2

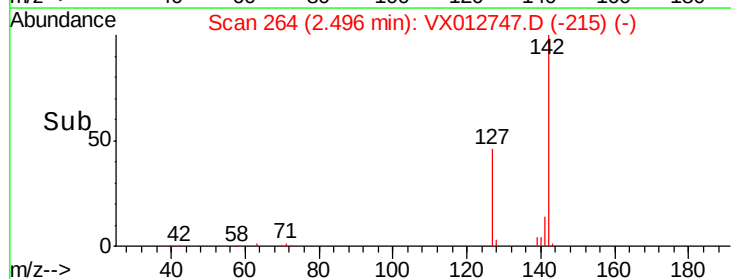
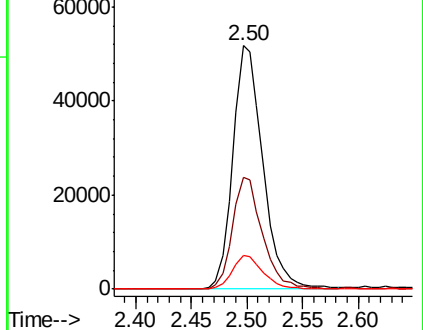
141 14.1 12.1 18.1

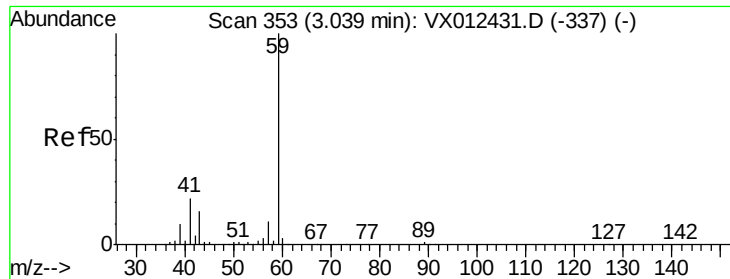


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

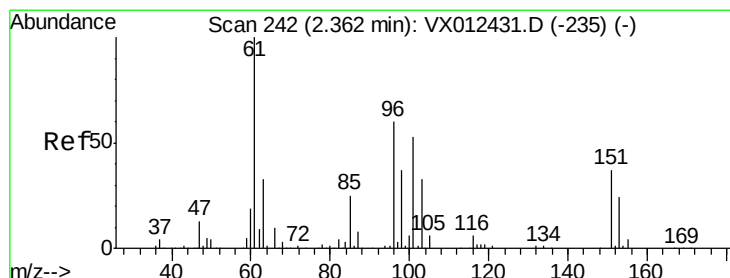
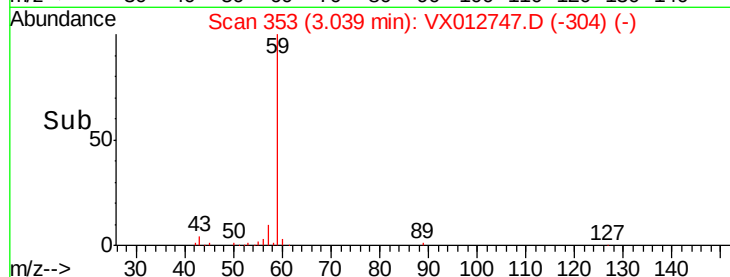
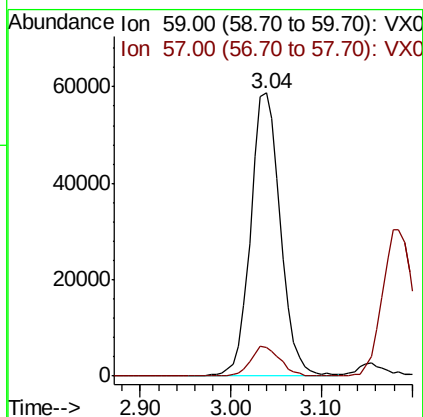
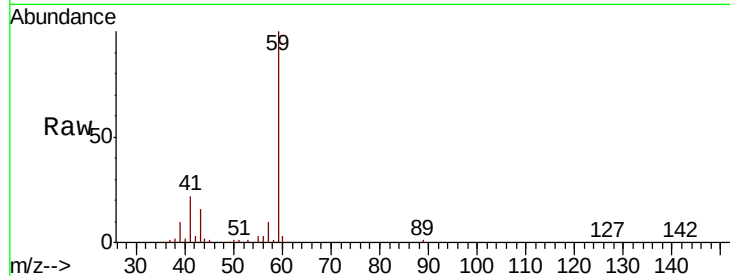




#11
Tert butyl alcohol
Concen: 215.287 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

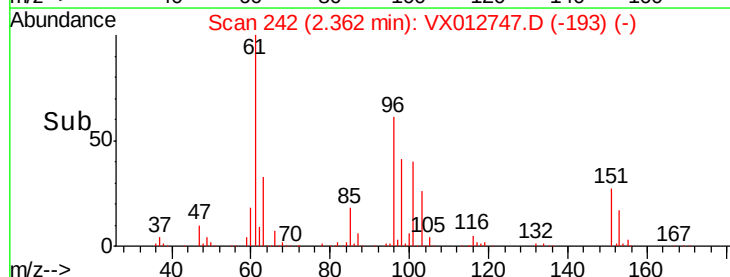
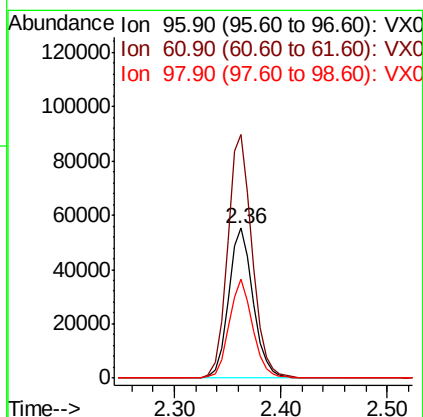
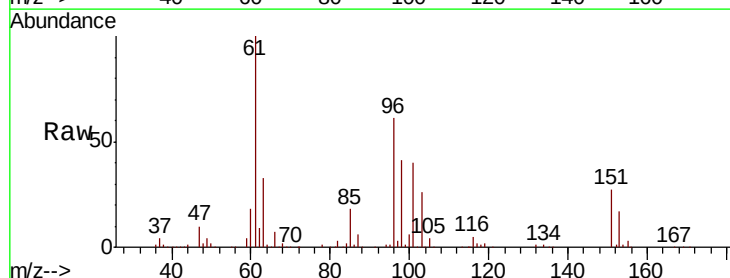
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

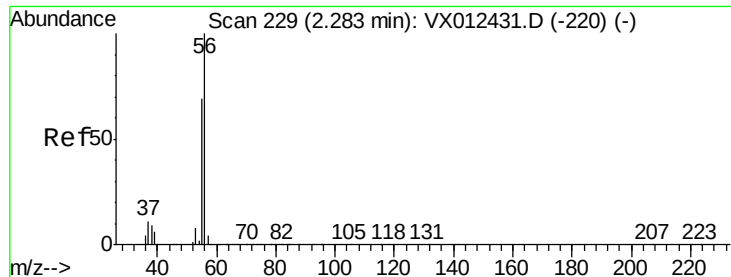
Tot Ion: 59 Resp: 133723
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.683 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion: 96 Resp: 89377
Ion Ratio Lower Upper
96 100
61 162.6 133.8 200.6
98 66.1 49.9 74.9





#13

Acrolein

Concen: 237.629 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

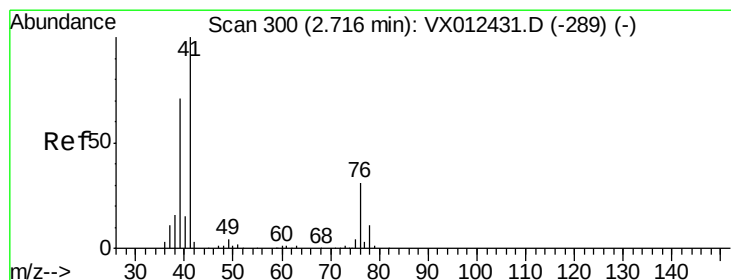
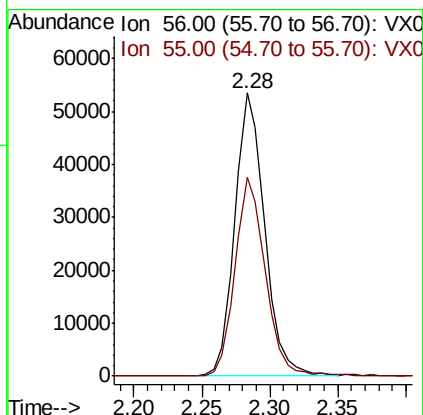
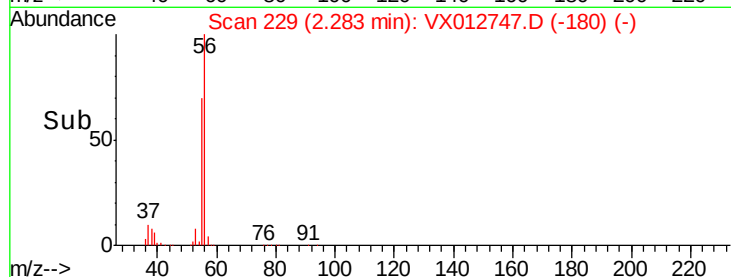
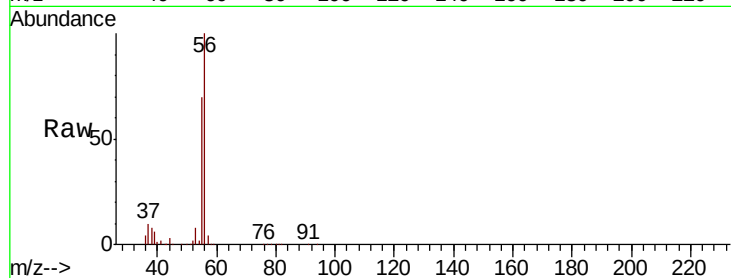
SA-SW201-20190926MSD

Tot Ion: 56 Resp: 82040

Ion Ratio Lower Upper

56 100

55 71.4 55.8 83.8



#14

Allyl chloride

Concen: 44.977 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

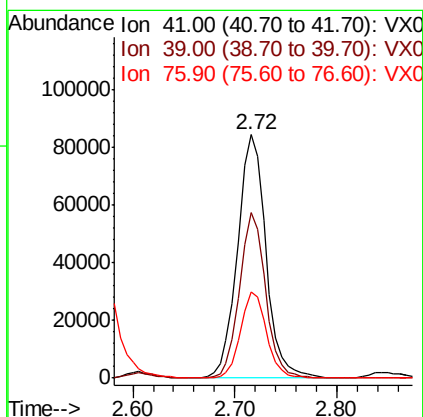
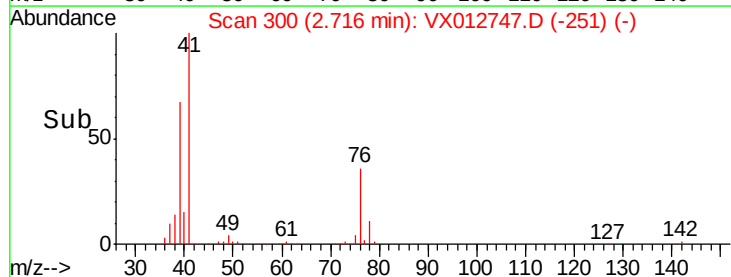
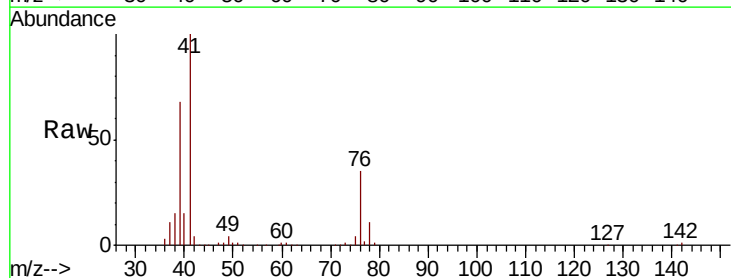
Tgt Ion: 41 Resp: 163825

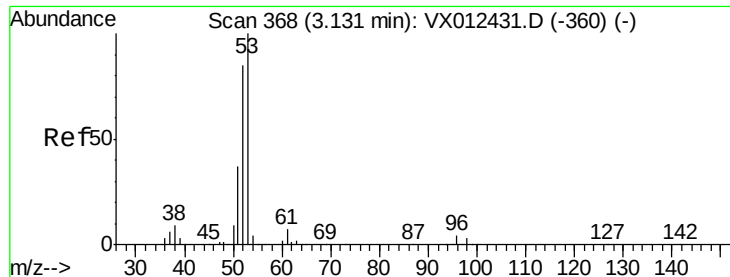
Ion Ratio Lower Upper

41 100

39 62.5 51.3 76.9

76 32.4 22.6 33.8





#15

Acrylonitrile

Concen: 242.429 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

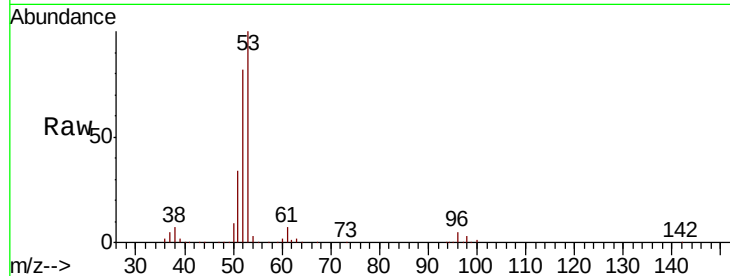
Tot Ion: 53 Resp: 305499

Ion Ratio Lower Upper

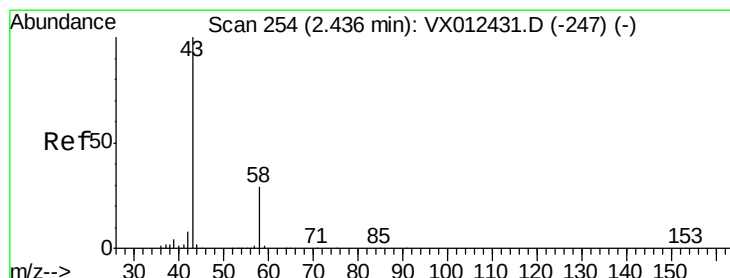
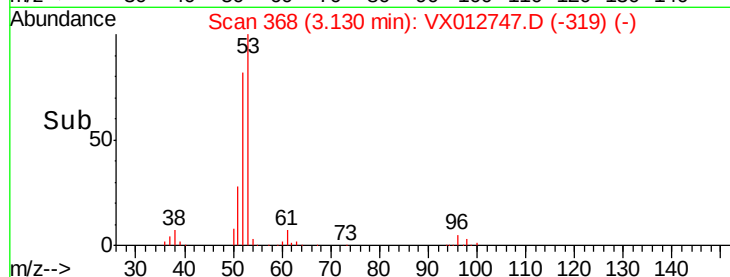
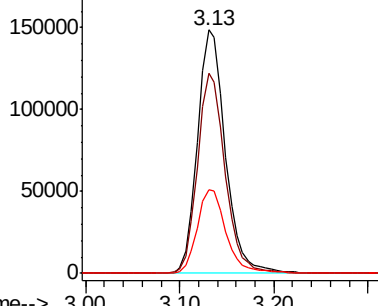
53 100

52 81.5 67.0 100.4

51 35.8 29.6 44.4



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



#16

Acetone

Concen: 202.726 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012747.D

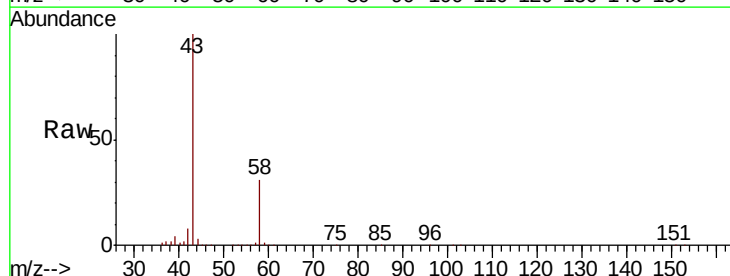
Acq: 01 Oct 2019 20:42

Tgt Ion: 43 Resp: 266999

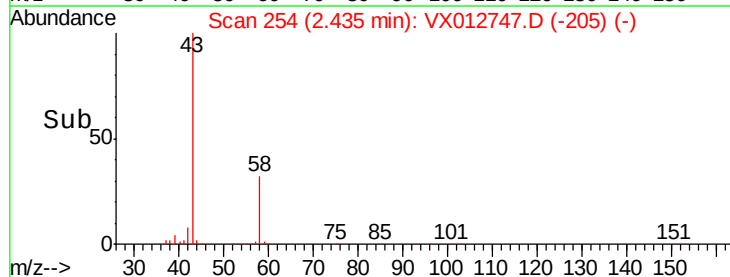
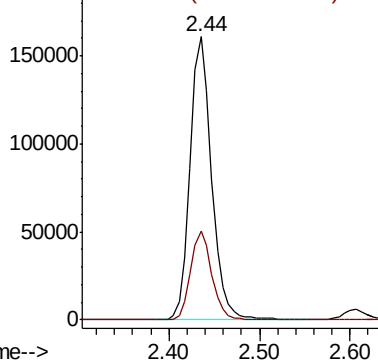
Ion Ratio Lower Upper

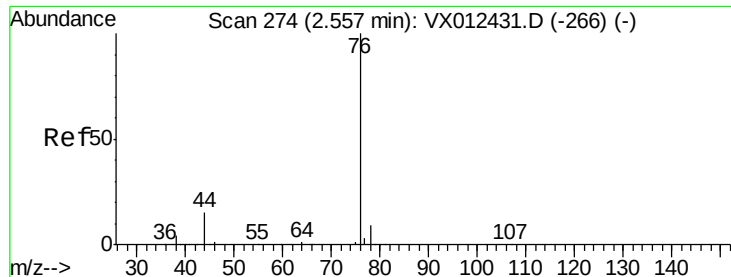
43 100

58 31.4 23.3 34.9



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





#17

Carbon Disulfide

Concen: 43.426 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

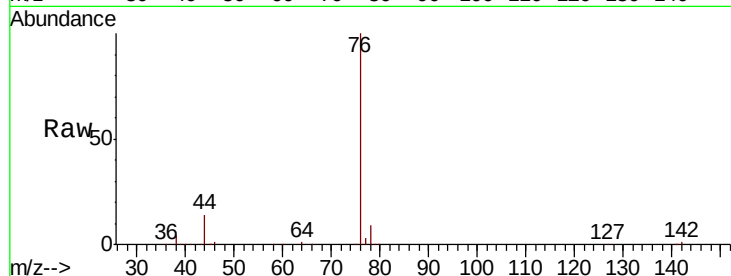
SA-SW201-20190926MSD

Tot Ion: 76 Resp: 223508

Ion Ratio Lower Upper

76 100

78 9.2 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

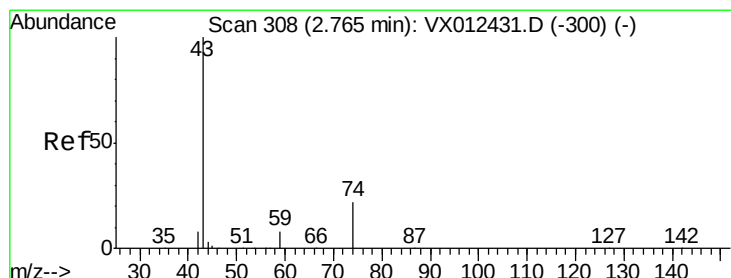
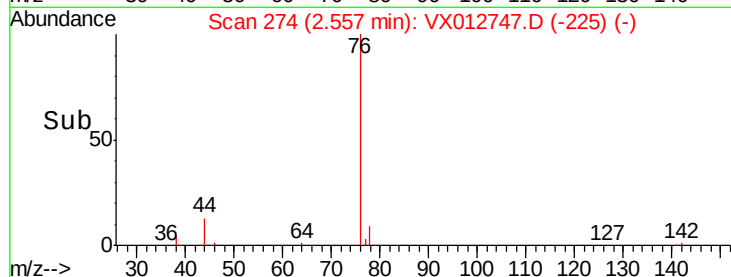
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.902 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012747.D

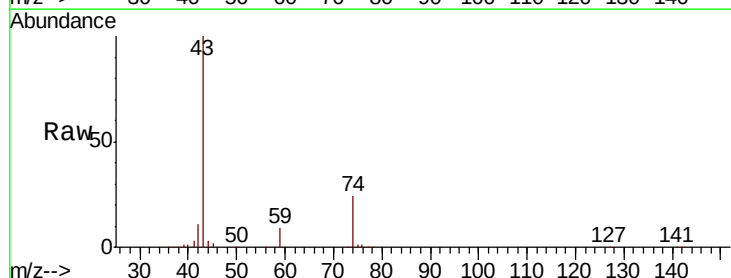
Acq: 01 Oct 2019 20:42

Tgt Ion: 43 Resp: 136148

Ion Ratio Lower Upper

43 100

74 24.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

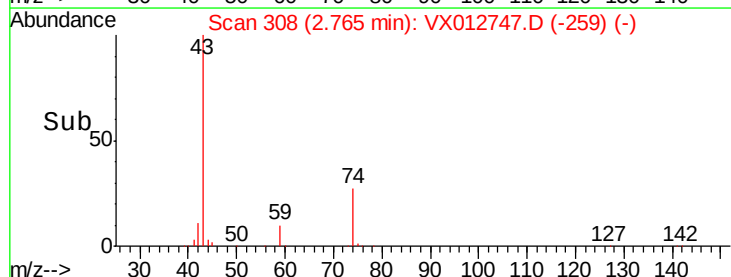
60000

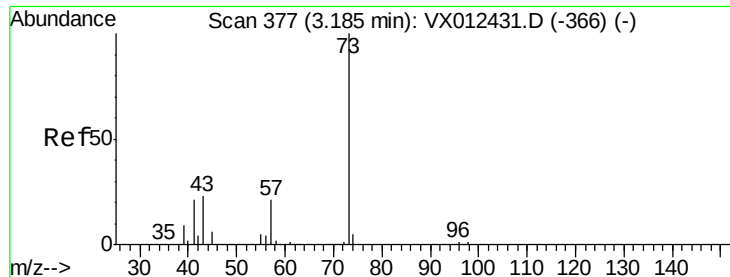
40000

20000

0

Time-->

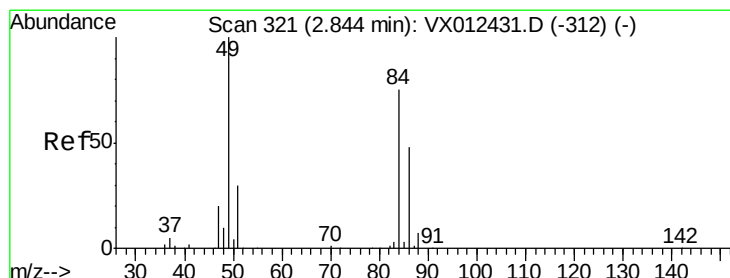
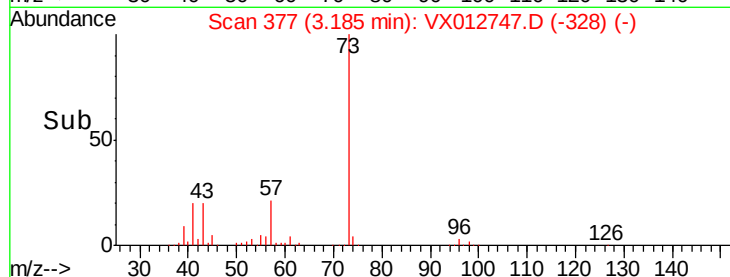
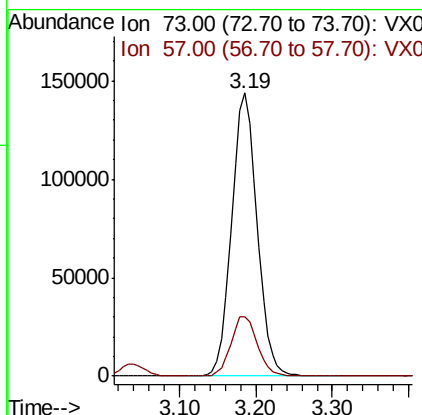
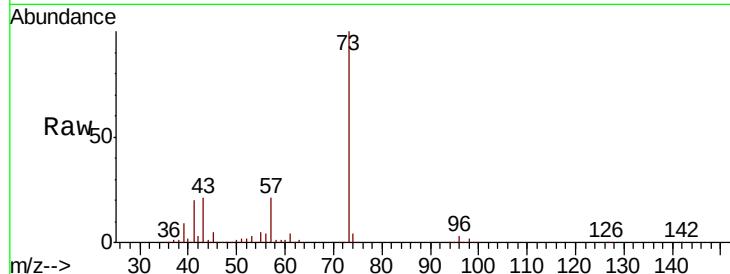




#19
Methyl tert-butyl Ether
Concen: 47.552 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

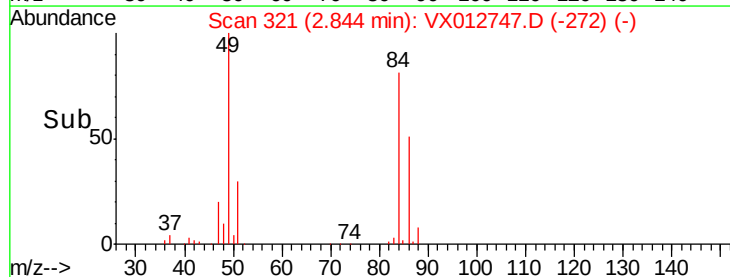
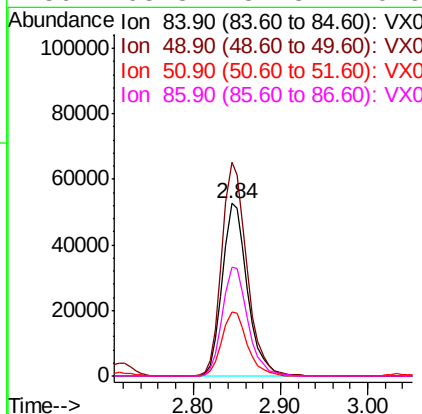
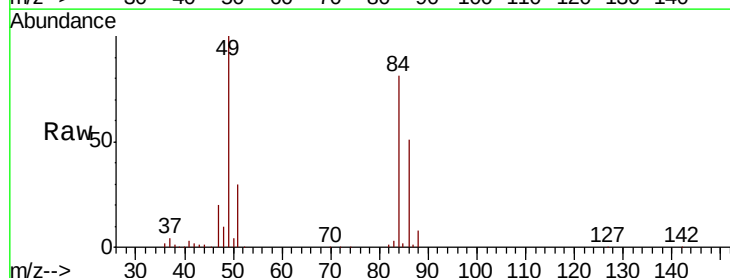
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

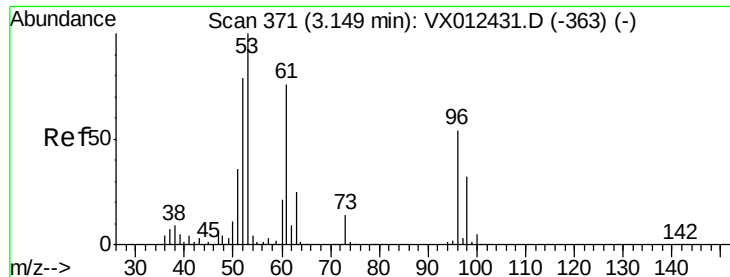
Tot Ion: 73 Resp: 330442
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#20
Methylene Chloride
Concen: 46.995 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion: 84 Resp: 104685
Ion Ratio Lower Upper
84 100
49 123.7 106.8 160.2
51 37.0 32.3 48.5
86 63.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.969 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

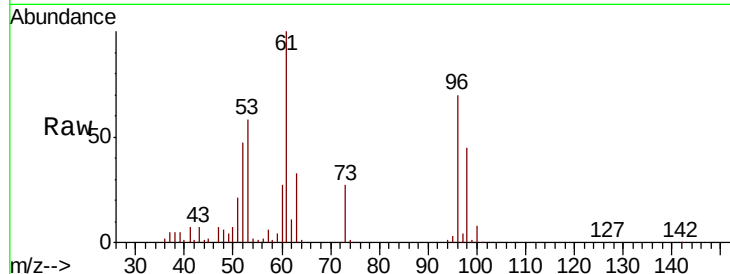
Tot Ion: 96 Resp: 95531

Ion Ratio Lower Upper

96 100

61 143.5 112.0 168.0

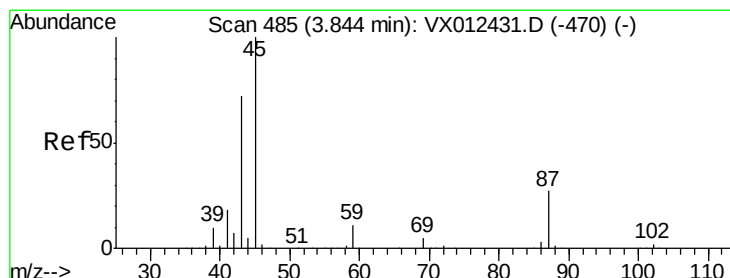
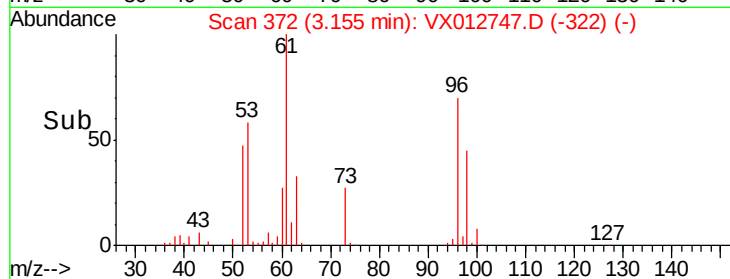
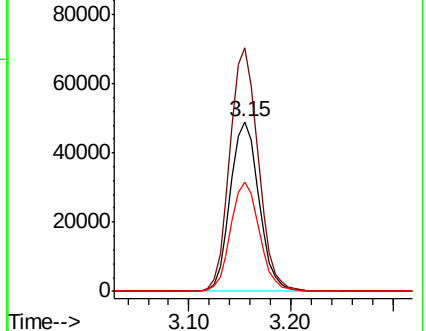
98 64.0 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.660 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Tgt Ion: 45 Resp: 328402

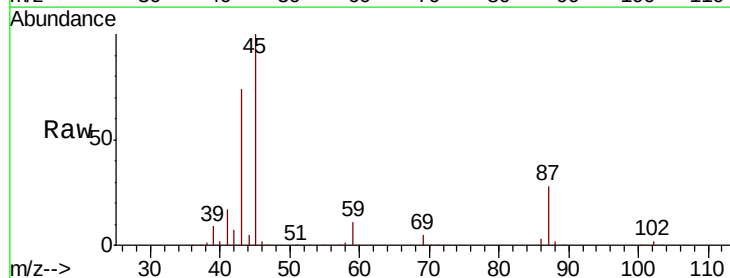
Ion Ratio Lower Upper

45 100

43 73.7 57.8 86.8

87 27.6 21.3 31.9

59 11.5 8.5 12.7

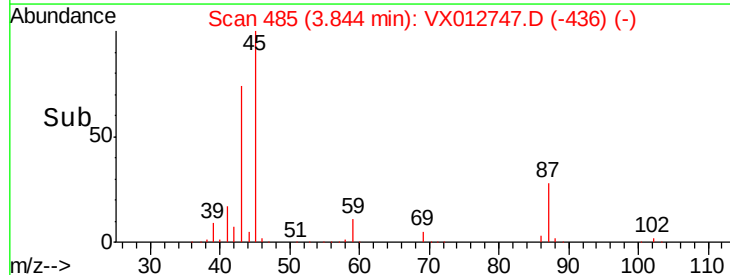
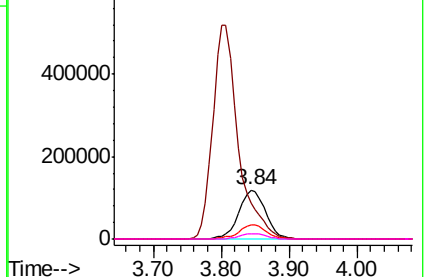


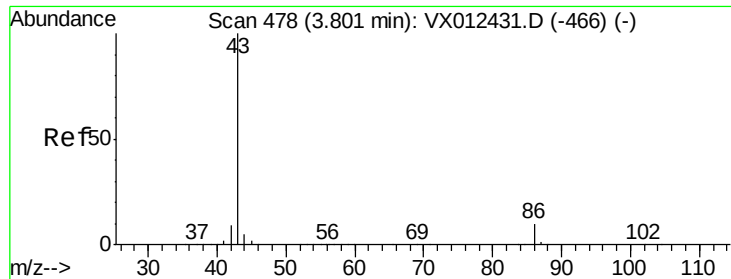
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 218.785 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

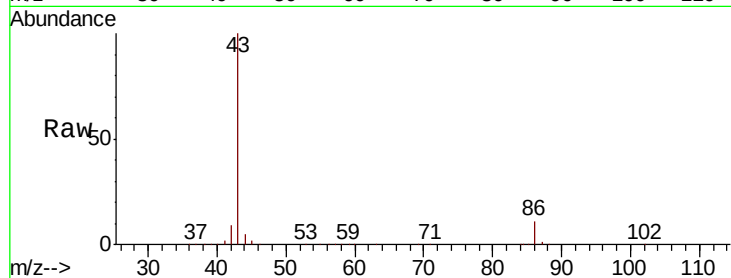
SA-SW201-20190926MSD

Tot Ion: 43 Resp: 1350359

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

500000

400000

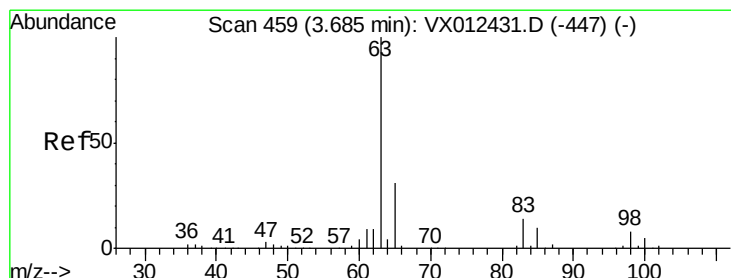
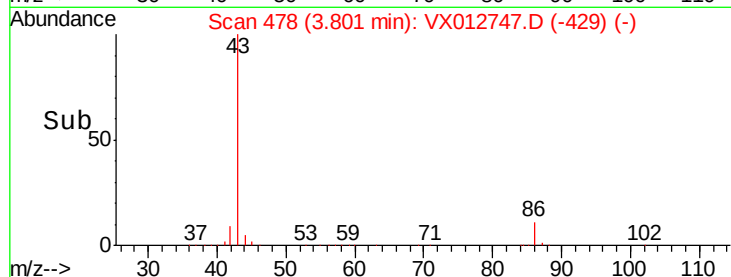
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.868 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

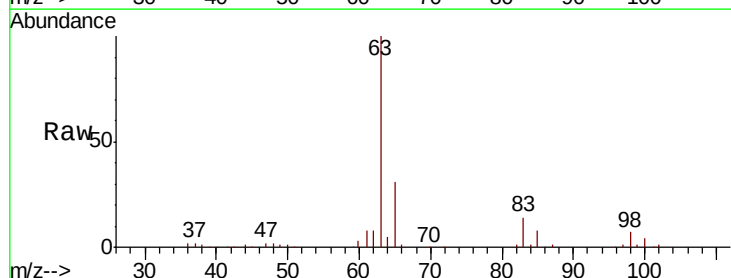
Tgt Ion: 63 Resp: 183132

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

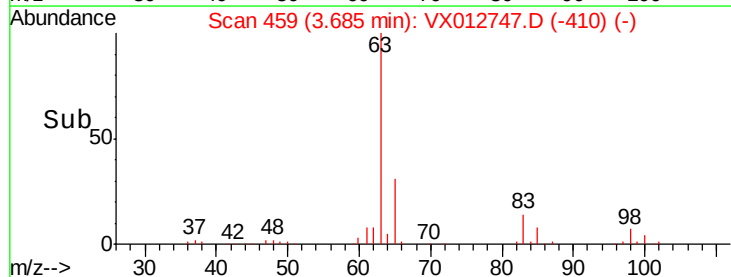
60000

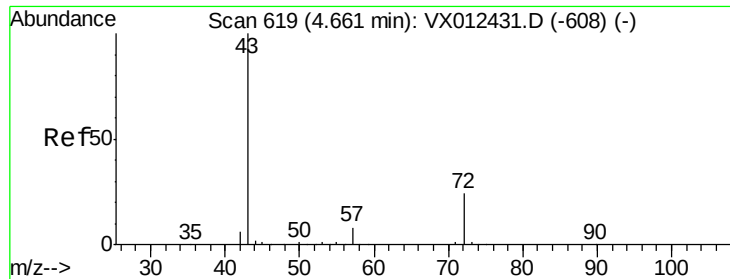
40000

20000

0

Time-->





#25

2-Butanone

Concen: 221.376 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

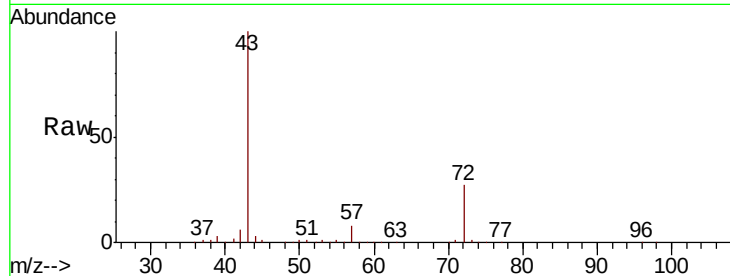
SA-SW201-20190926MSD

Tot Ion: 43 Resp: 418055

Ion Ratio Lower Upper

43 100

72 26.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

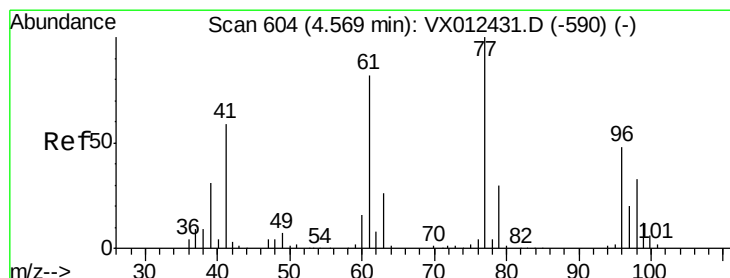
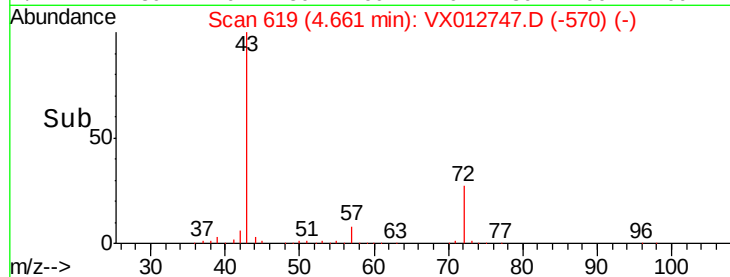
100000

50000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 35.659 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012747.D

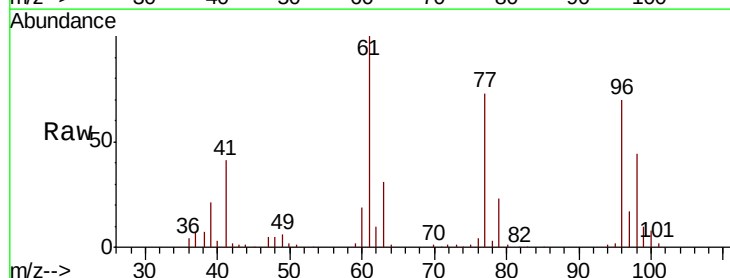
Acq: 01 Oct 2019 20:42

Tgt Ion: 77 Resp: 121334

Ion Ratio Lower Upper

77 100

97 23.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

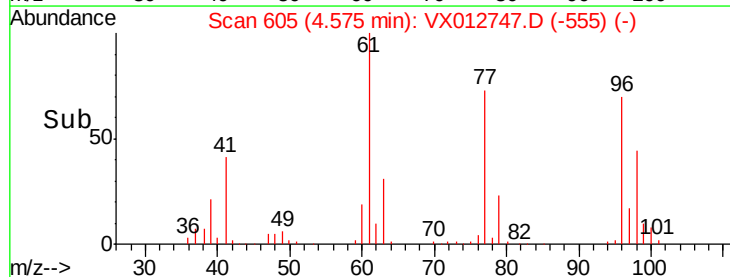
20000

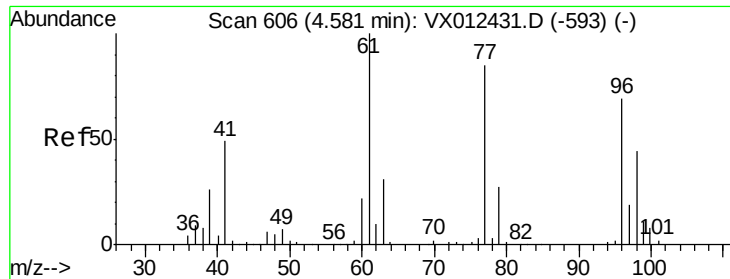
10000

0

4.40 4.50 4.60 4.70

Time-->



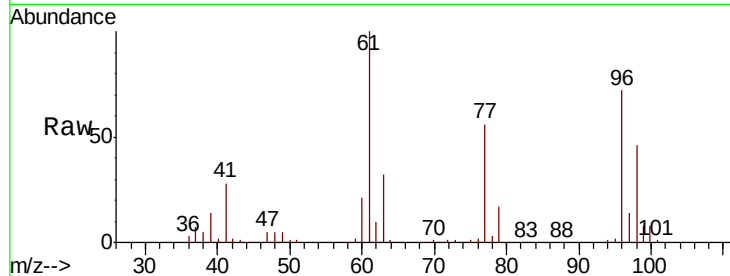


#27

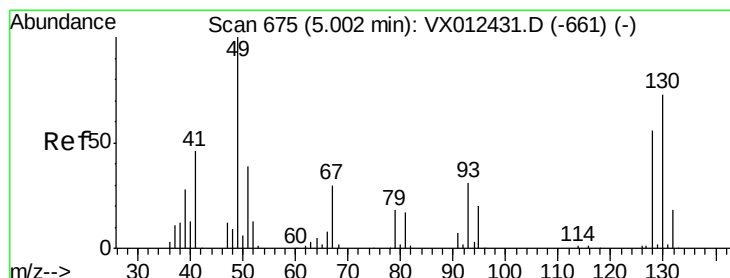
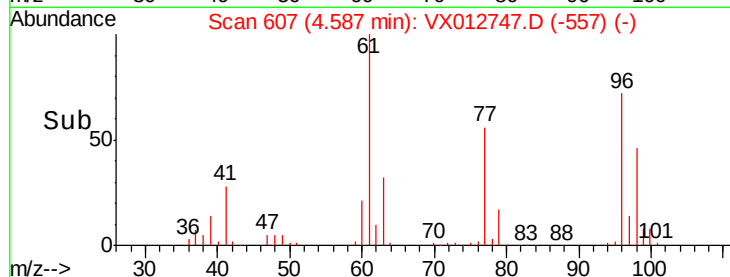
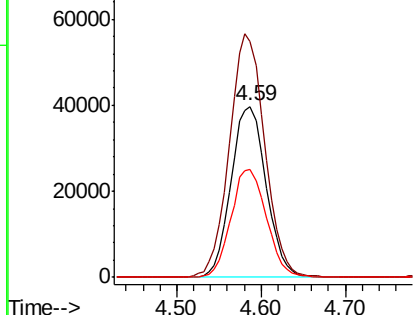
cis-1,2-Dichloroethene
Concen: 47.639 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

Tot Ion: 96 Resp: 112427
Ion Ratio Lower Upper
96 100
61 143.4 0.0 319.4
98 63.8 0.0 130.6



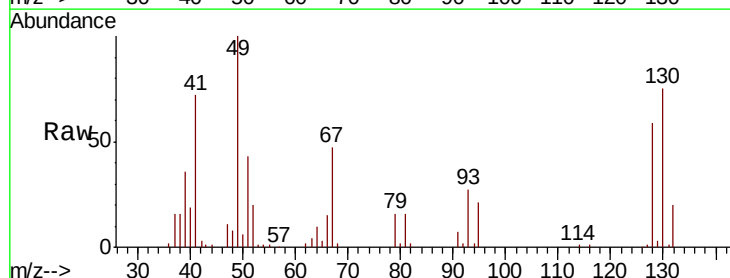
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



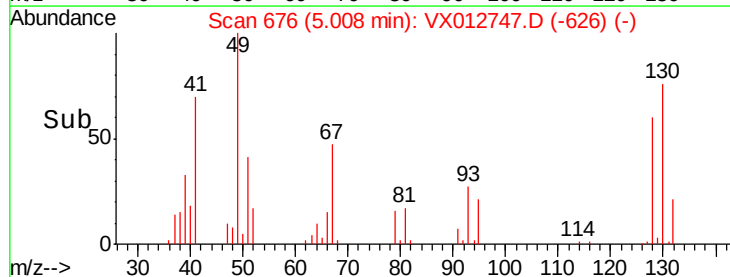
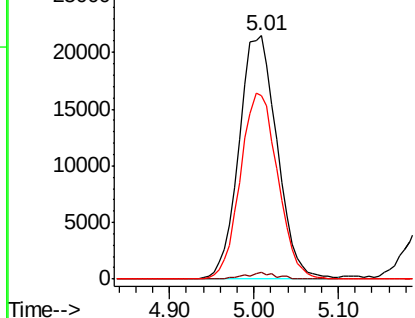
#28

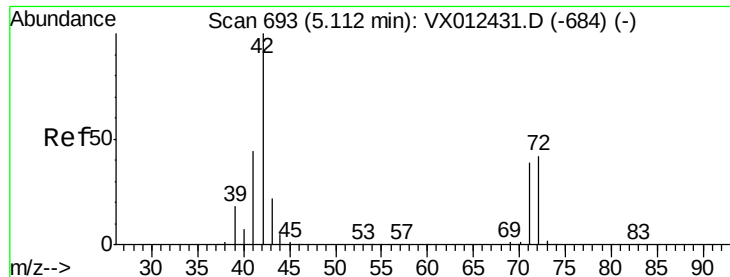
Bromochloromethane
Concen: 47.408 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion: 49 Resp: 65856
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 74.9 58.2 87.4



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

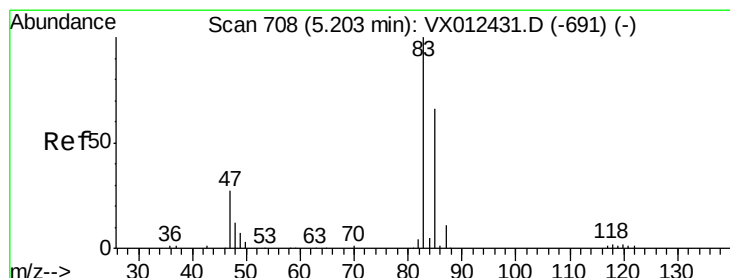
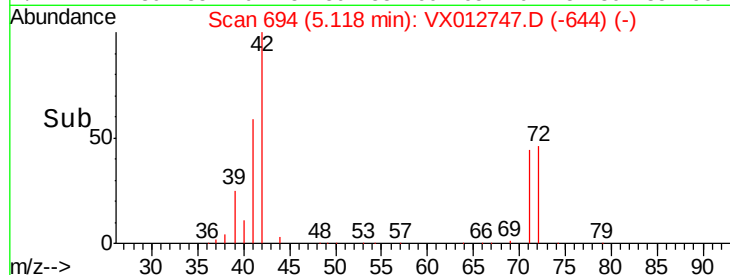
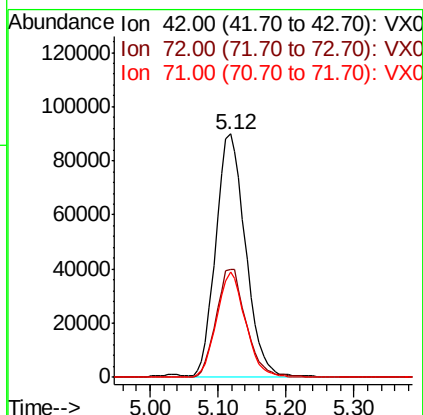
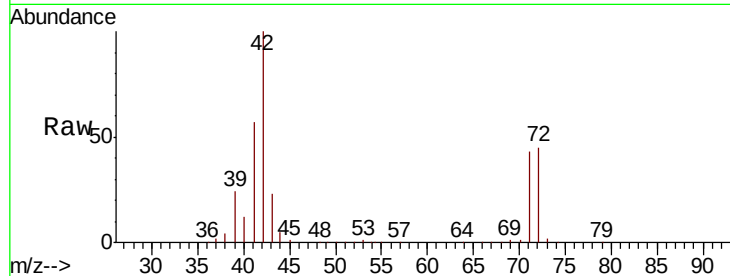




#29
Tetrahydrofuran
Concen: 237.227 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

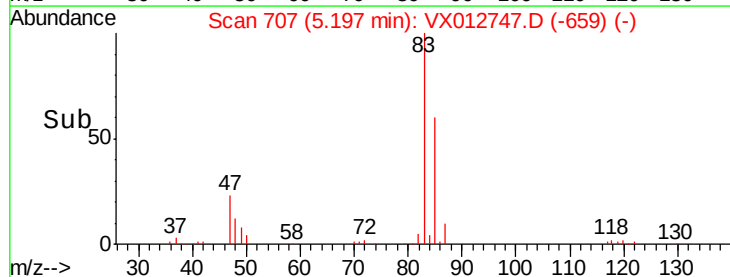
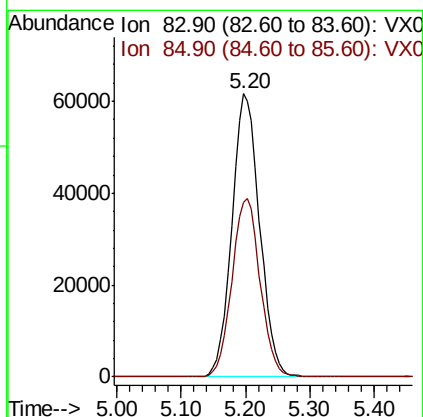
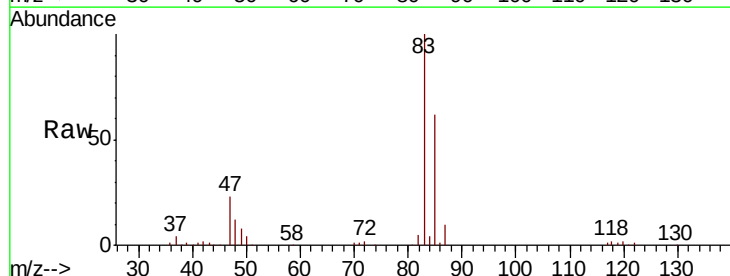
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

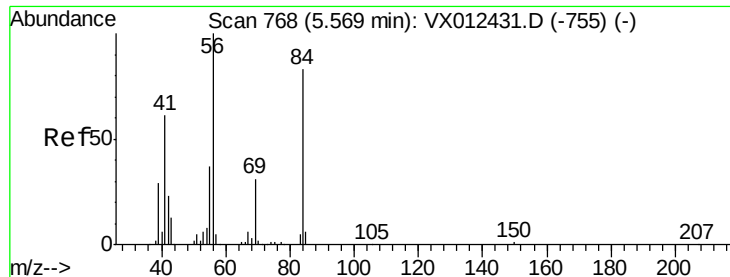
Tot Ion: 42 Resp: 273051
Ion Ratio Lower Upper
42 100
72 45.0 34.0 51.0
71 41.7 31.5 47.3



#30
Chloroform
Concen: 47.106 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion: 83 Resp: 184377
Ion Ratio Lower Upper
83 100
85 61.9 53.0 79.4

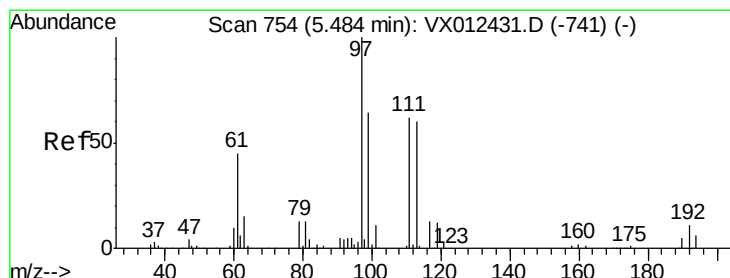
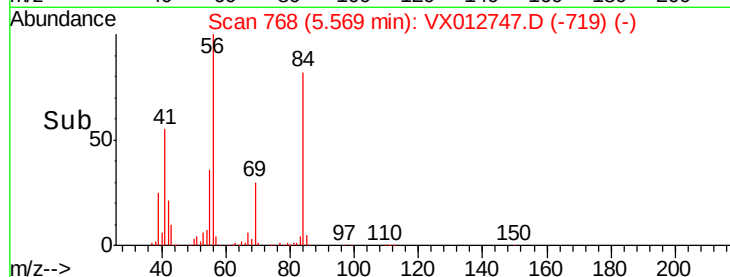
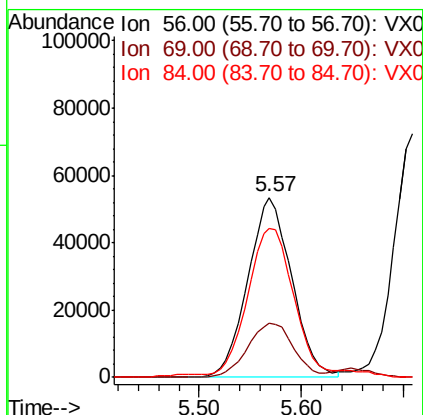
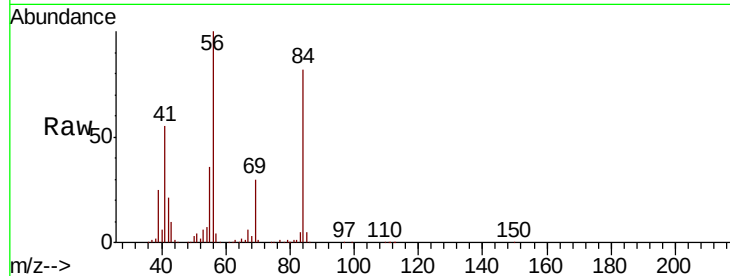




#31
Cyclohexane
Concen: 46.161 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

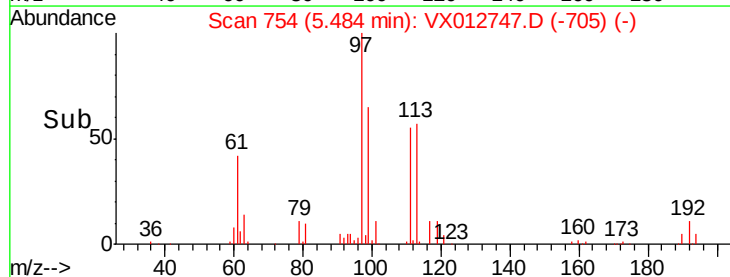
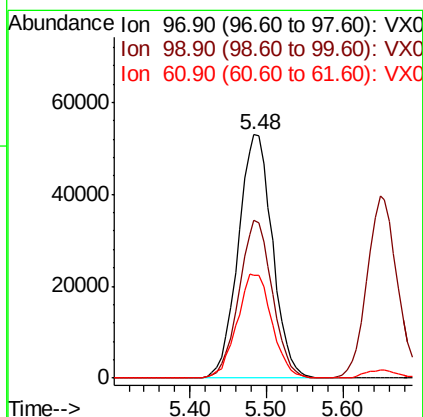
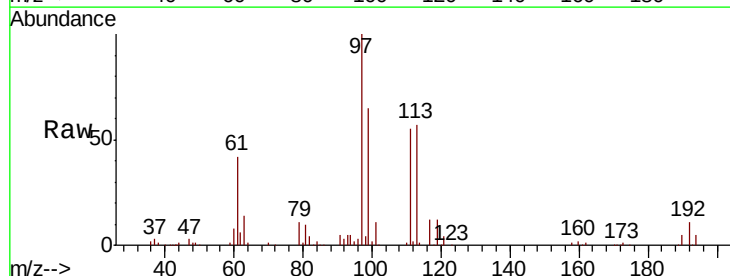
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

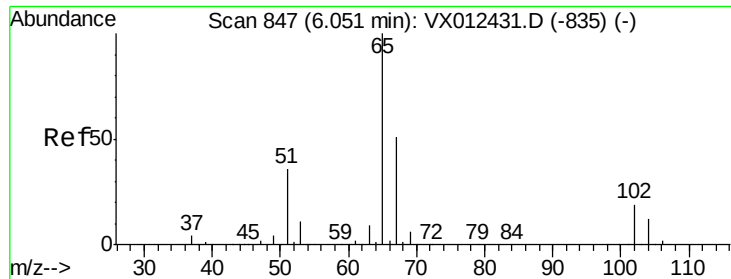
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.0	37.6
84	80.9	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 47.273 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	43.7	36.1	54.1

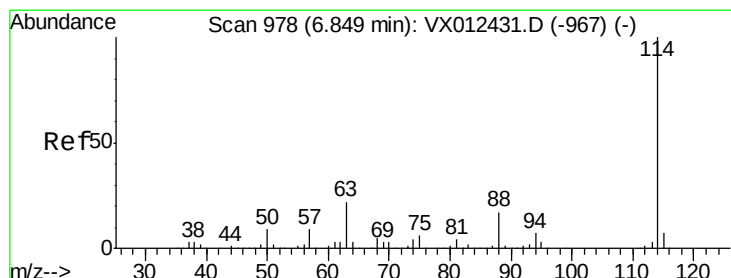
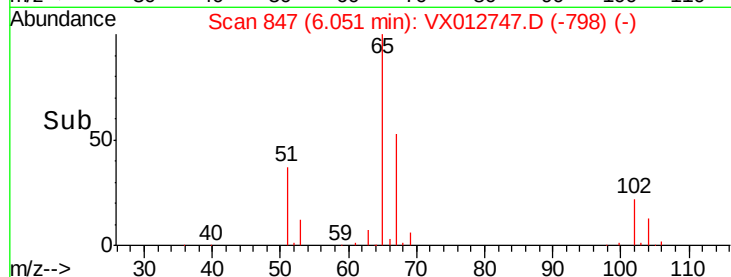
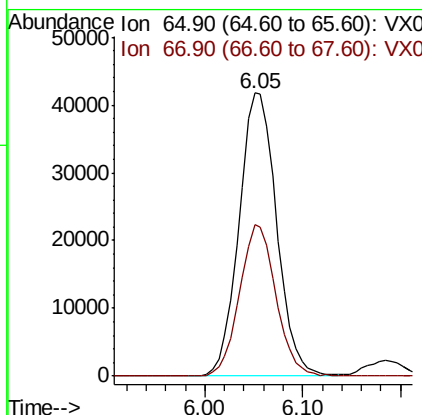
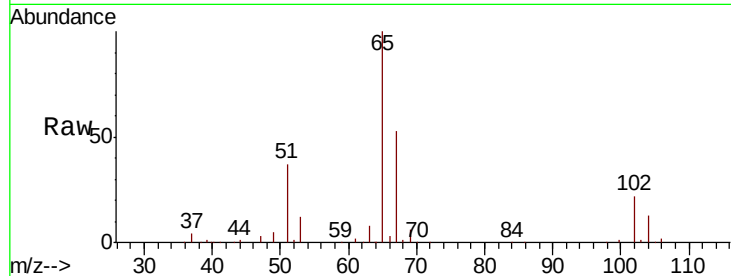




#33
 1,2-Dichloroethane-d4
 Concen: 44.935 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

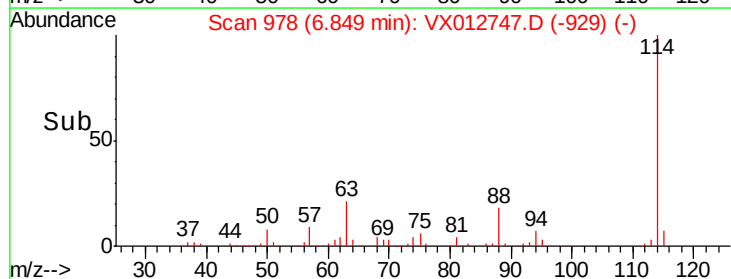
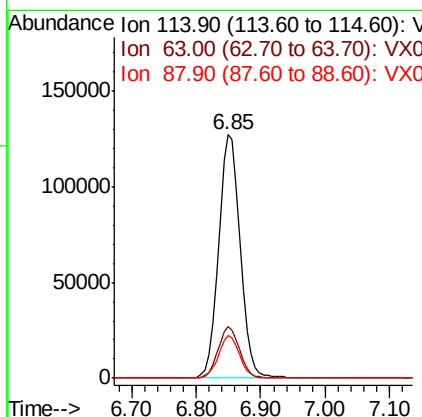
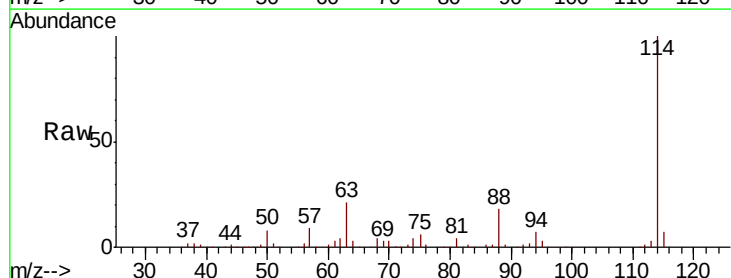
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

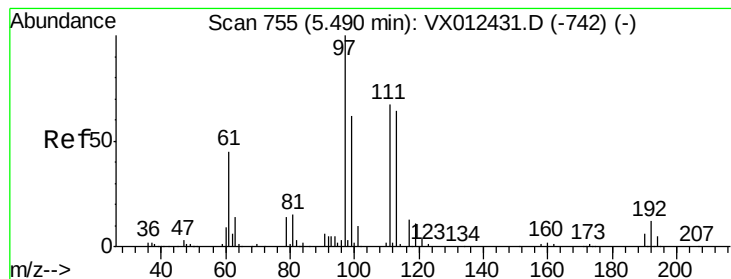
Tot Ion: 65 Resp: 111730
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion: 114 Resp: 302268
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 17.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.634 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

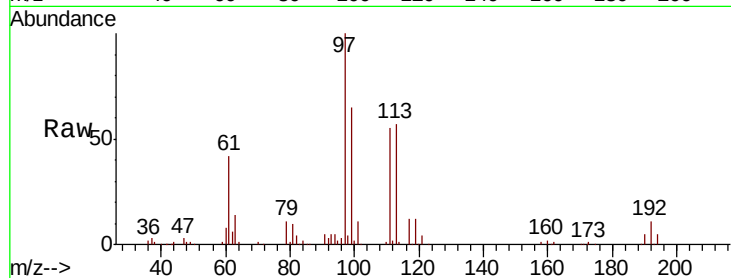
Tot Ion:113 Resp: 85747

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

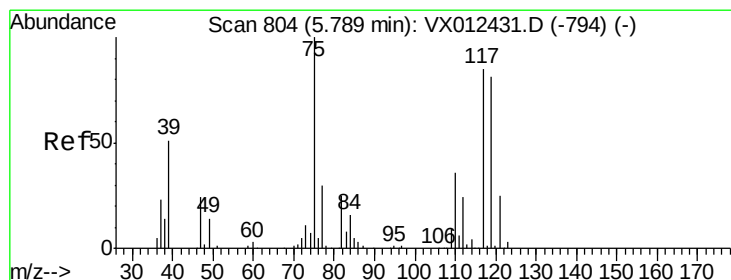
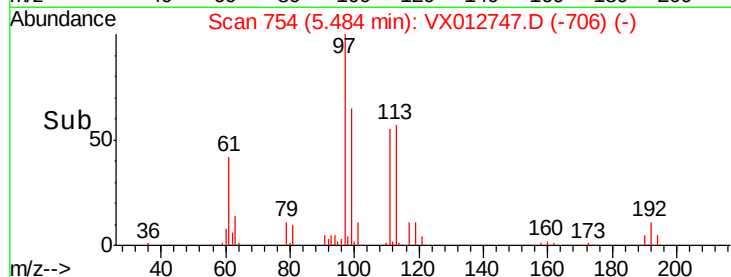
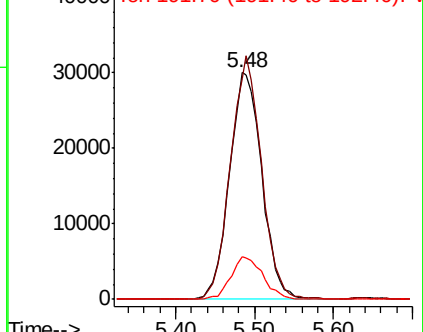
192 18.5 14.4 21.6



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: 45.813 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

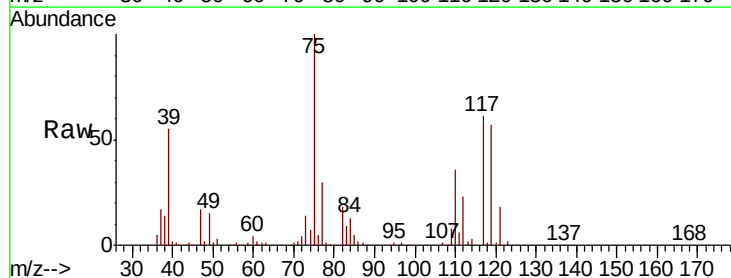
Tgt Ion: 75 Resp: 133477

Ion Ratio Lower Upper

75 100

110 35.5 16.7 50.0

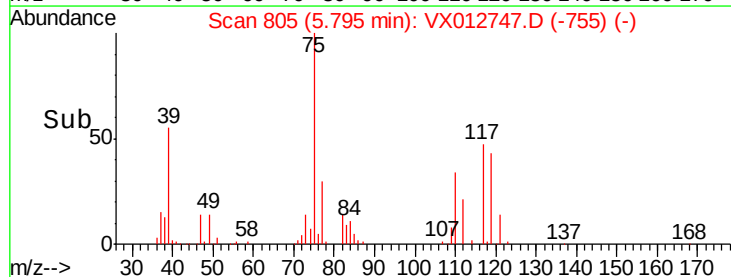
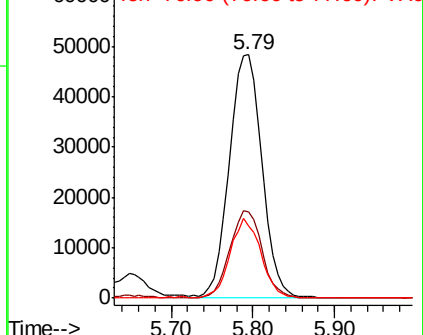
77 30.6 24.2 36.2

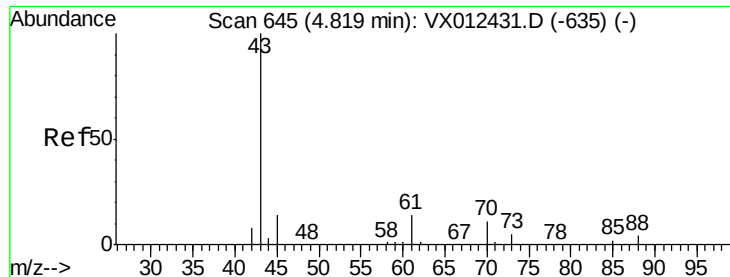


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 44.127 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

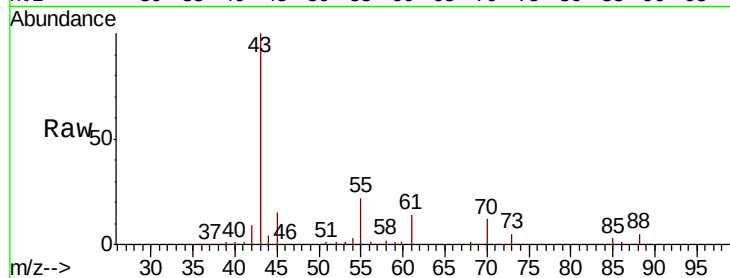
Tot Ion: 43 Resp: 150307

Ion Ratio Lower Upper

43 100

61 14.1 10.2 15.4

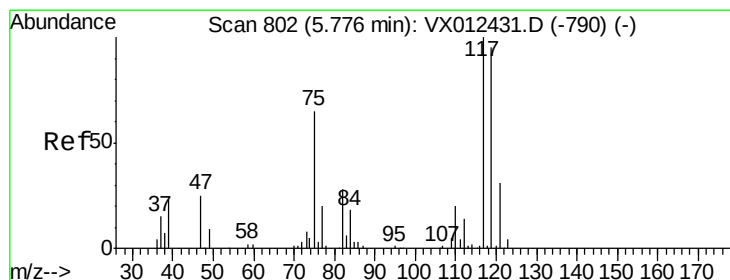
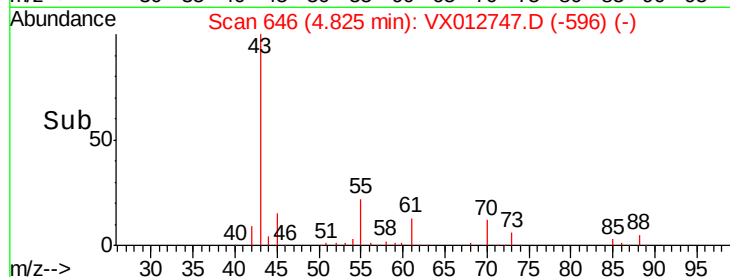
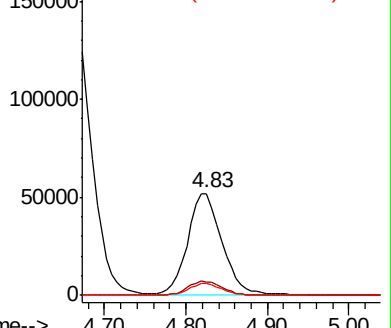
70 11.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.871 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

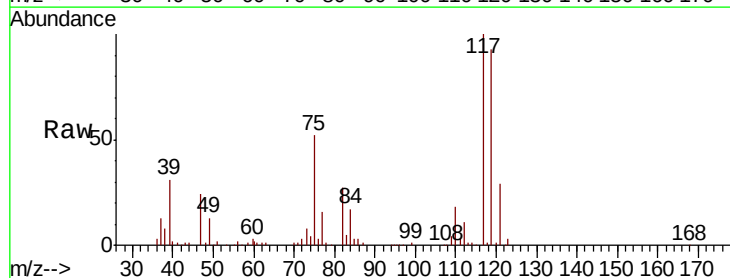
Tgt Ion: 117 Resp: 138722

Ion Ratio Lower Upper

117 100

119 92.9 75.7 113.5

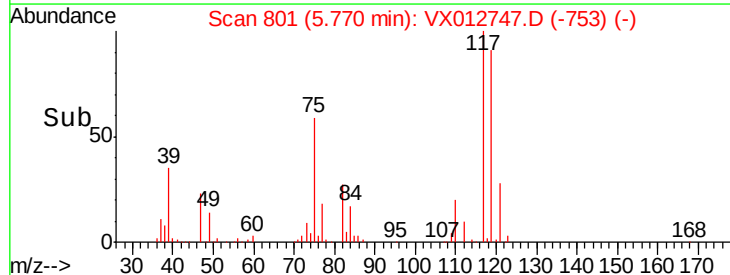
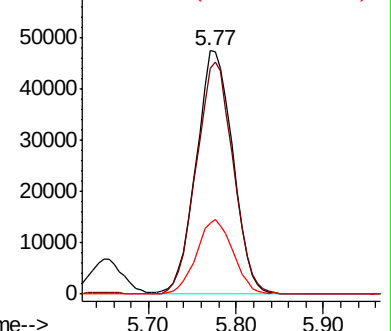
121 28.9 24.2 36.4

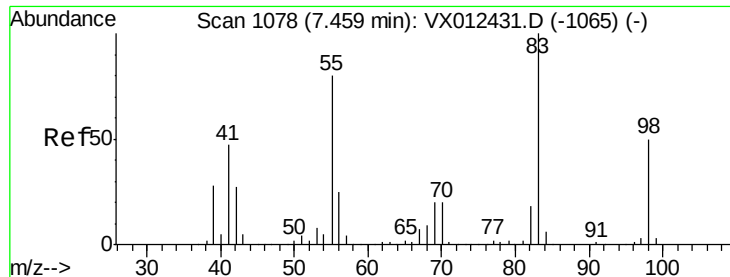


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

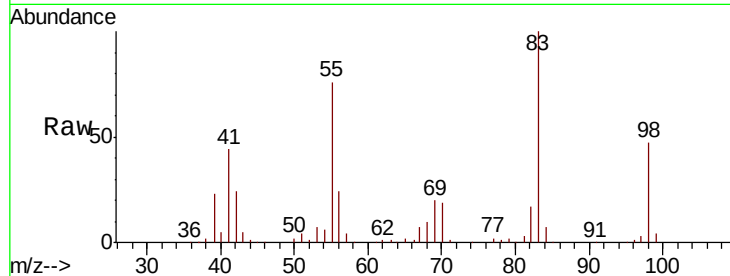




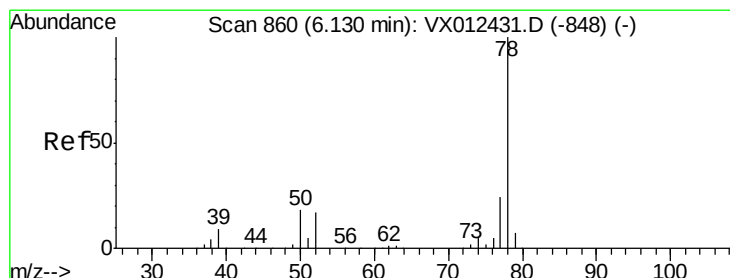
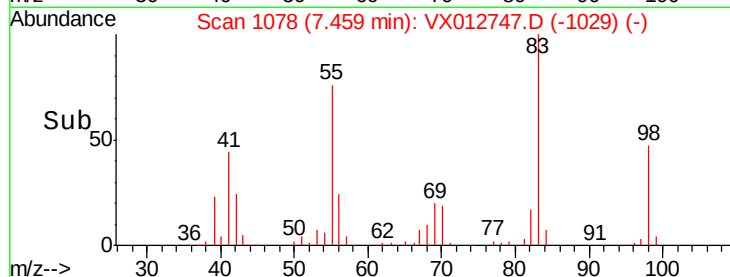
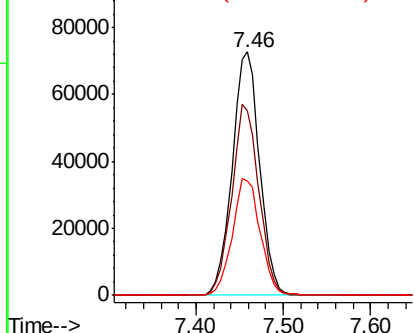
#39
Methylvlcyclohexane
Concen: 45.196 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

Tot Ion: 83 Resp: 158524
Ion Ratio Lower Upper
83 100
55 76.0 64.4 96.6
98 47.1 40.1 60.1

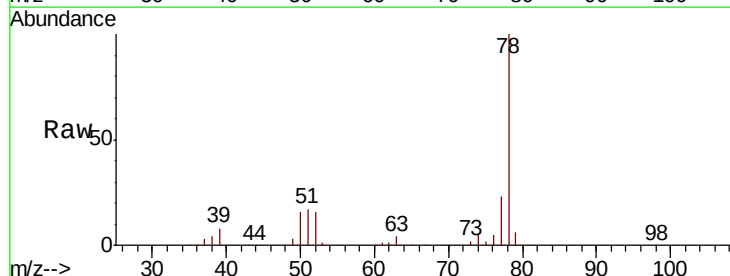


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

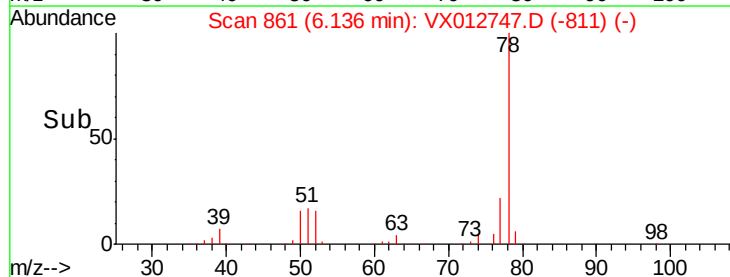
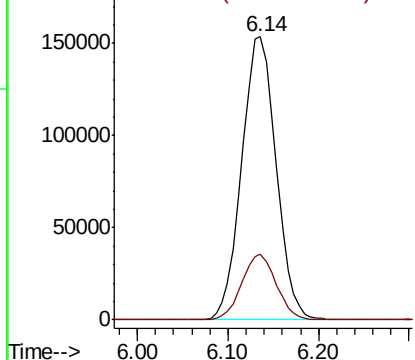


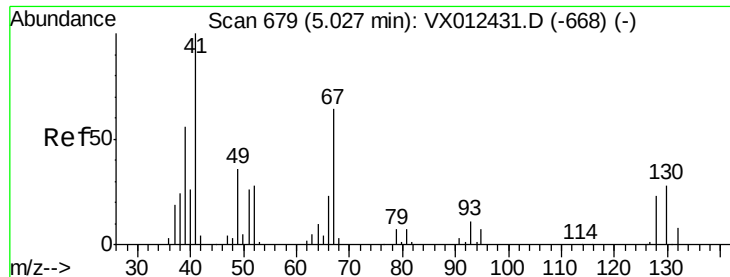
#40
Benzene
Concen: 47.209 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion: 78 Resp: 404696
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8



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

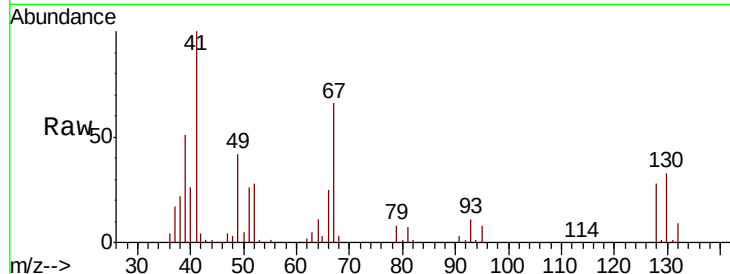




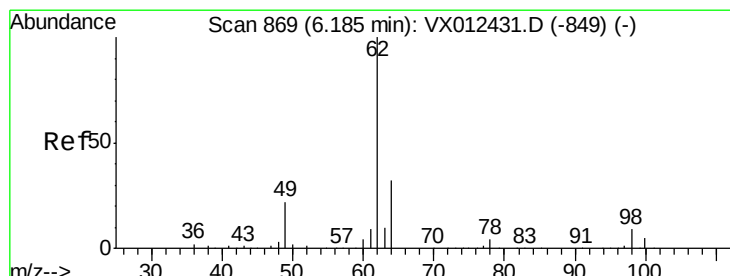
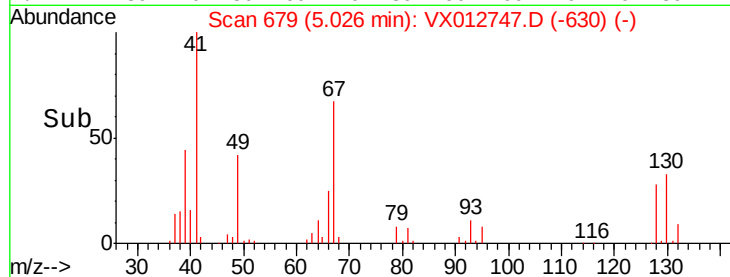
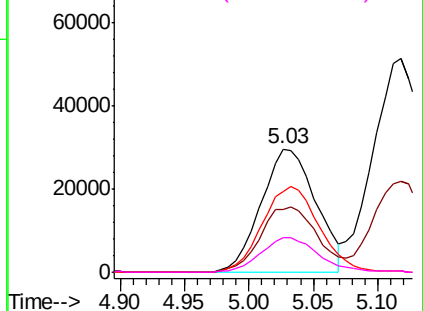
#41
Methacrylonitrile
Concen: 45.489 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

Tot Ion:	41	Resp:	86935
Ion	Ratio	Lower	Upper
41	100		
39	55.9	46.0	69.0
67	72.8	52.2	78.2
52	29.8	22.7	34.1

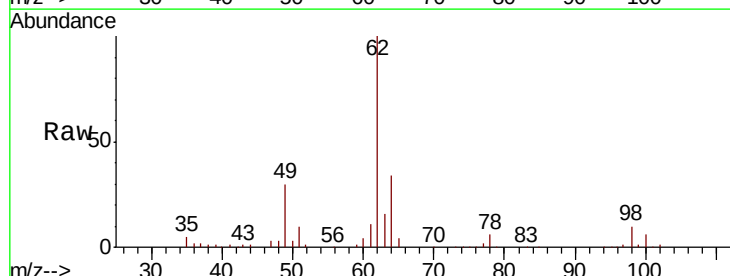


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

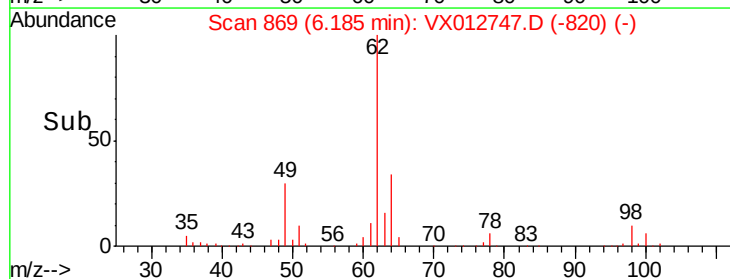
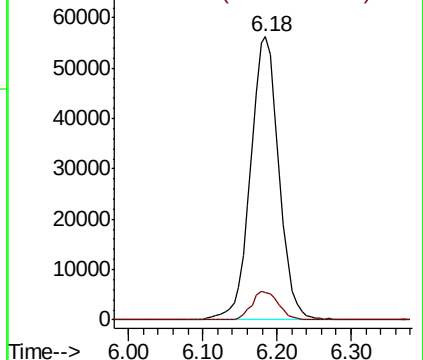


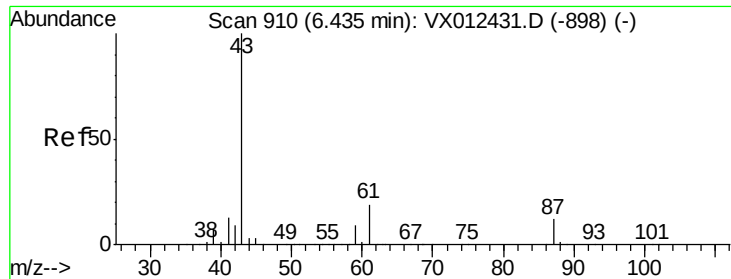
#42
1,2-Dichloroethane
Concen: 46.165 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion:	62	Resp:	150281
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 43.843 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

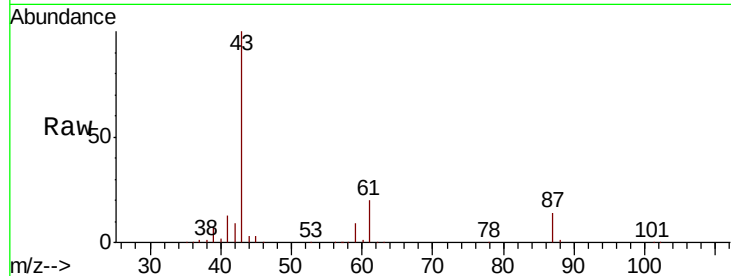
Tot Ion: 43 Resp: 249739

Ion Ratio Lower Upper

43 100

61 20.4 15.4 23.0

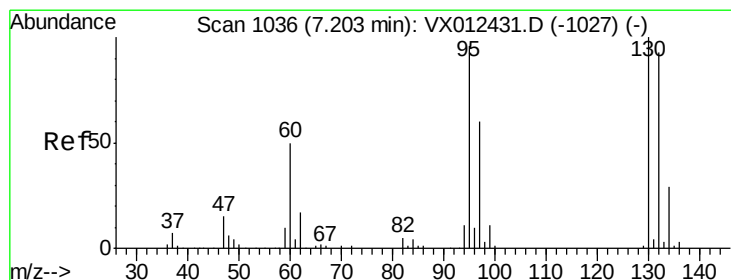
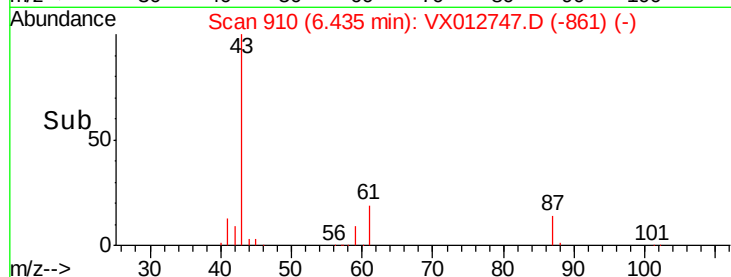
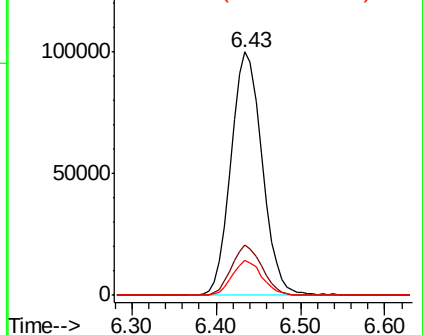
87 13.8 9.8 14.8



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: 47.782 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012747.D

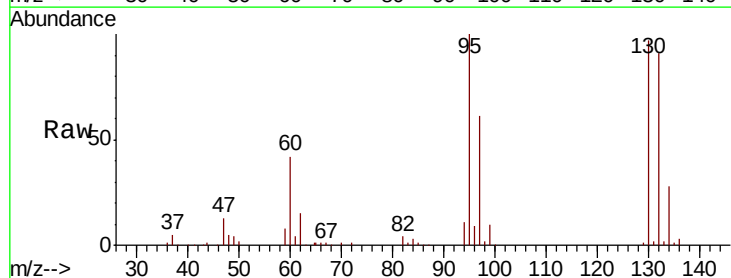
Acq: 01 Oct 2019 20:42

Tgt Ion:130 Resp: 104714

Ion Ratio Lower Upper

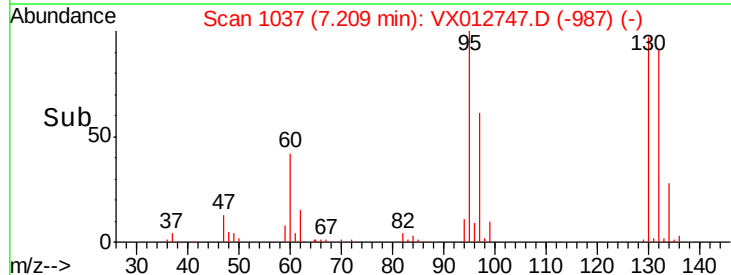
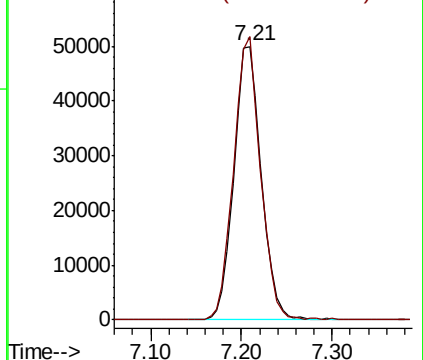
130 100

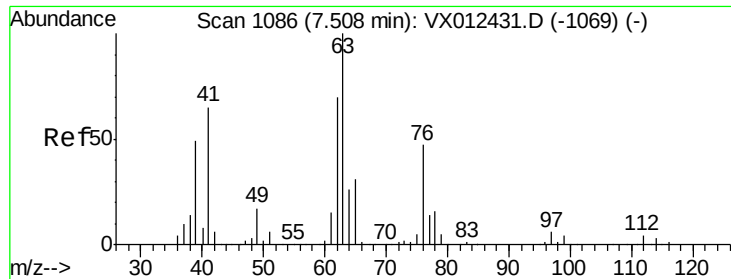
95 103.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

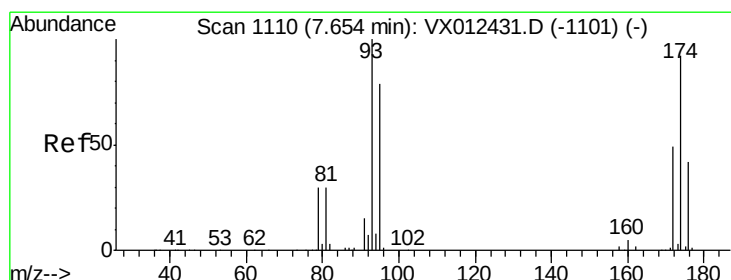
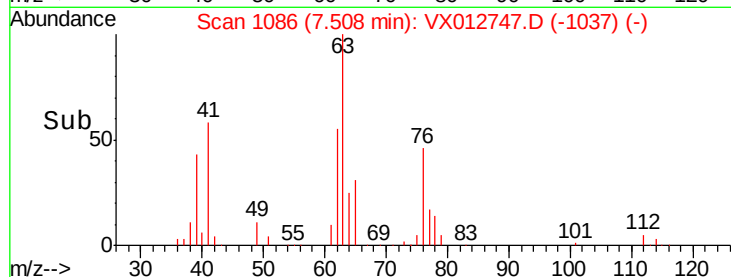
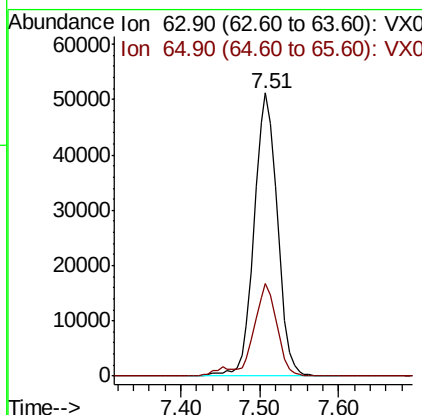
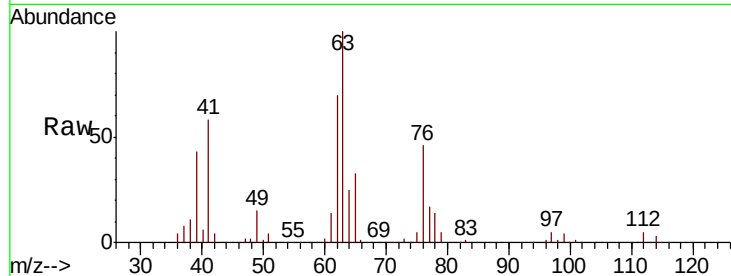




#45
 1,2-Dichloropropane
 Concen: 47.869 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

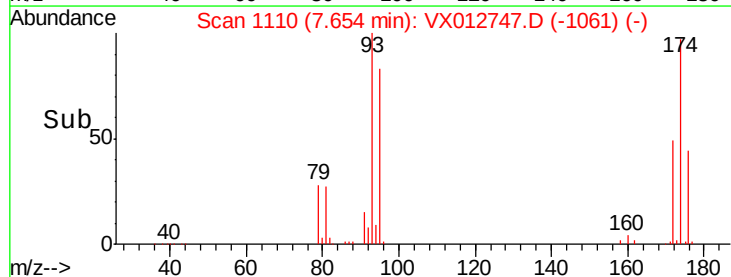
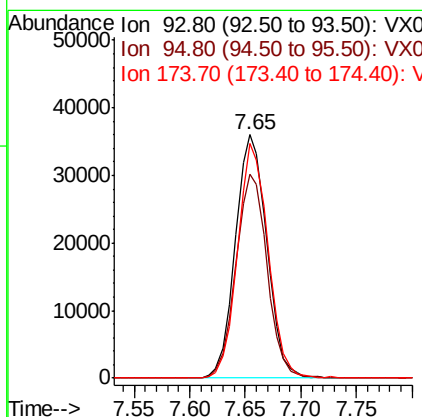
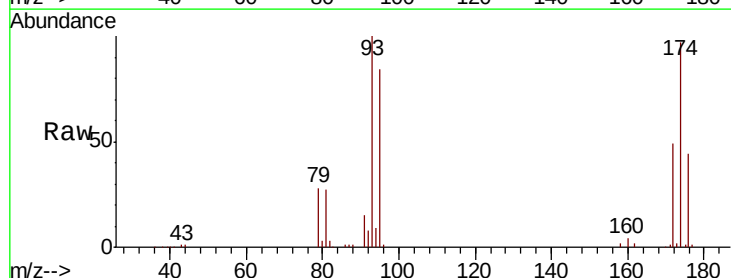
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

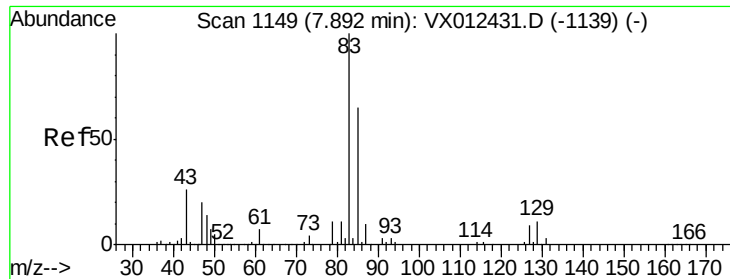
Tot Ion: 63 Resp: 105061
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.0 37.6



#46
 Dibromomethane
 Concen: 47.123 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion: 93 Resp: 70416
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 100.0
 174 93.3 77.4 116.0





#47

Bromodichloromethane

Concen: 47.447 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

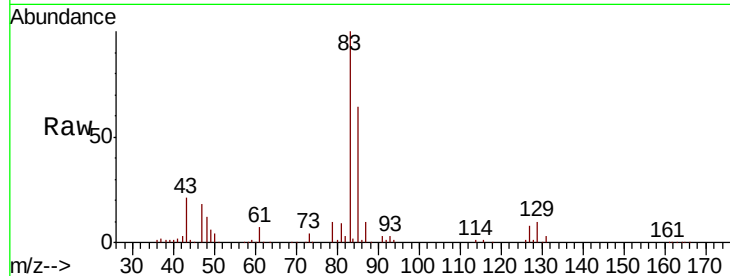
Tot Ion: 83 Resp: 141702

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

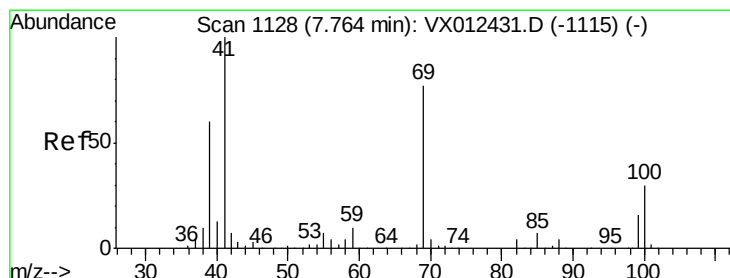
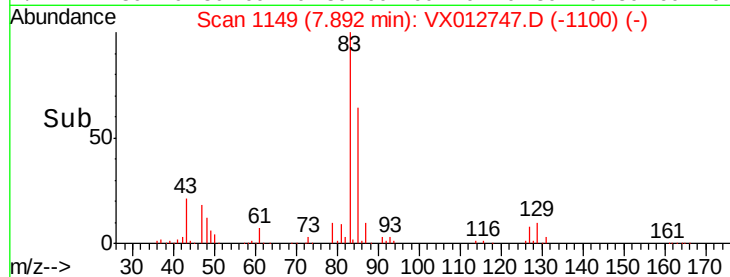
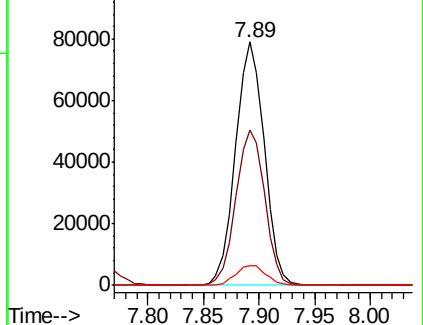
127 8.2 7.3 10.9



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: 46.531 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

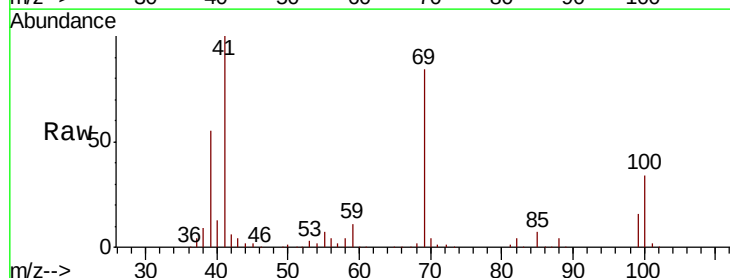
Tgt Ion: 41 Resp: 127091

Ion Ratio Lower Upper

41 100

69 82.7 59.9 89.9

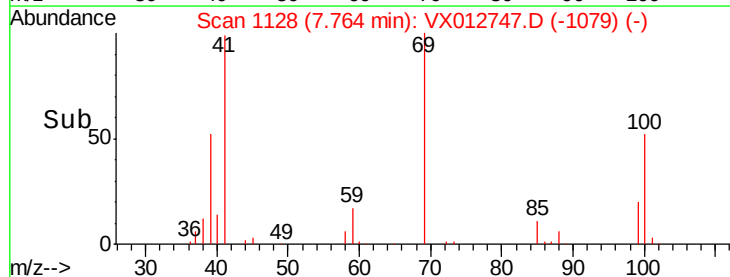
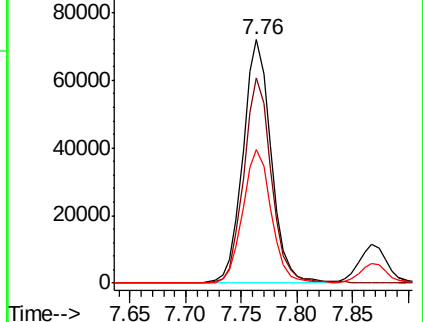
39 55.5 47.8 71.6

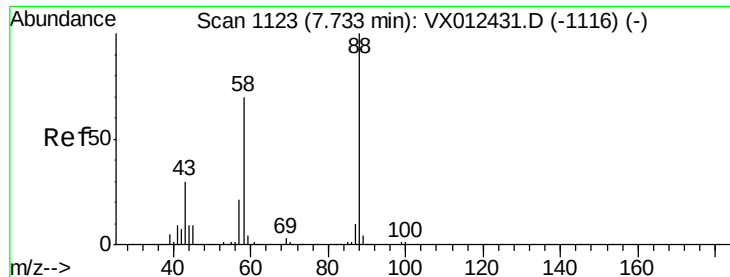


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 846.225 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

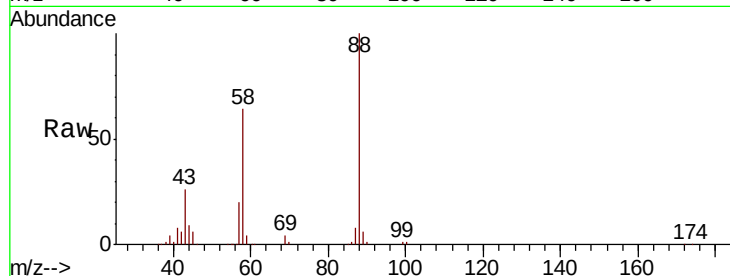
Tot Ion: 88 Resp: 52425

Ion Ratio Lower Upper

88 100

43 33.0 29.4 44.0

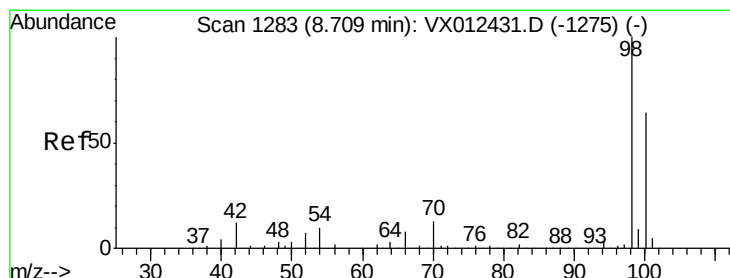
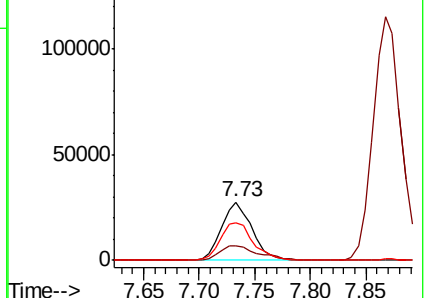
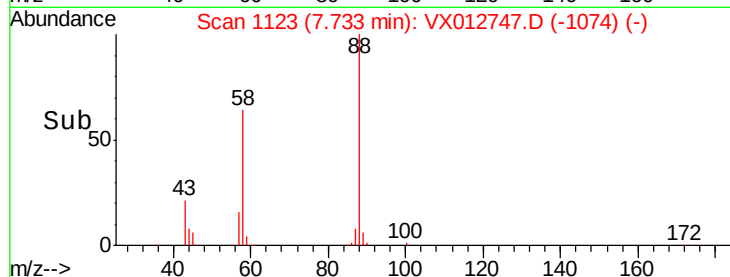
58 70.6 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.479 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012747.D

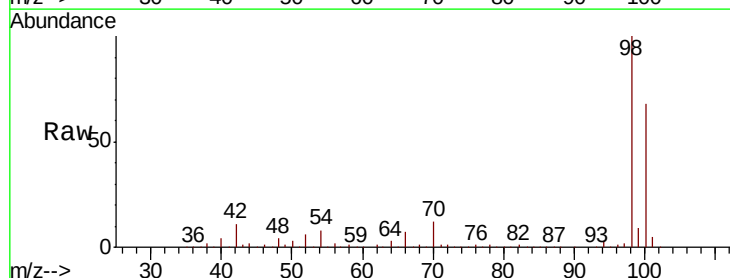
Acq: 01 Oct 2019 20:42

Tgt Ion: 98 Resp: 322214

Ion Ratio Lower Upper

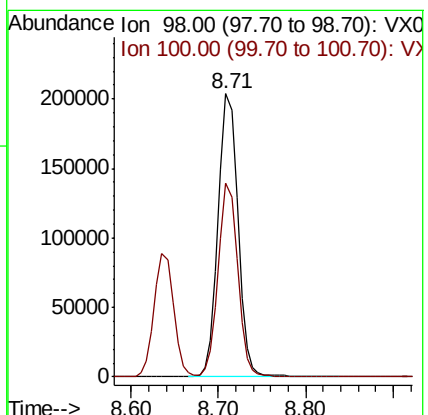
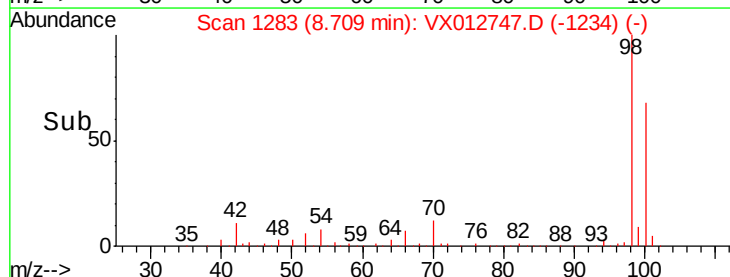
98 100

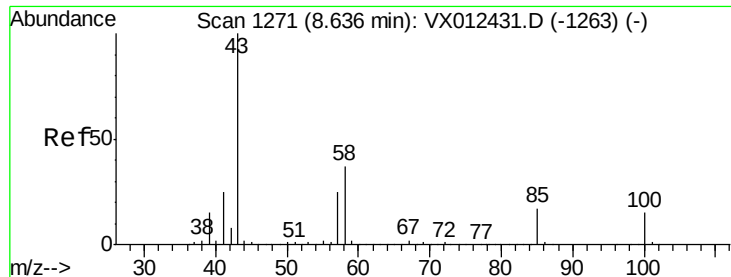
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 234.793 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

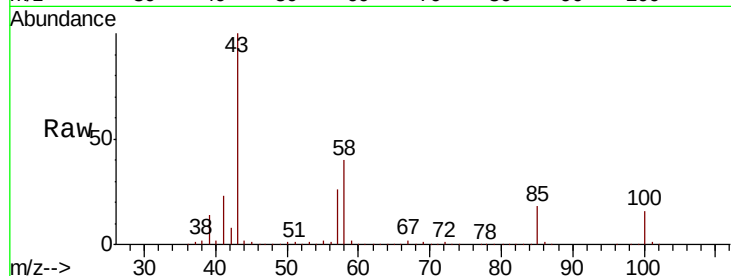
SA-SW201-20190926MSD

Tot Ion: 43 Resp: 825583

Ion Ratio Lower Upper

43 100

58 39.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

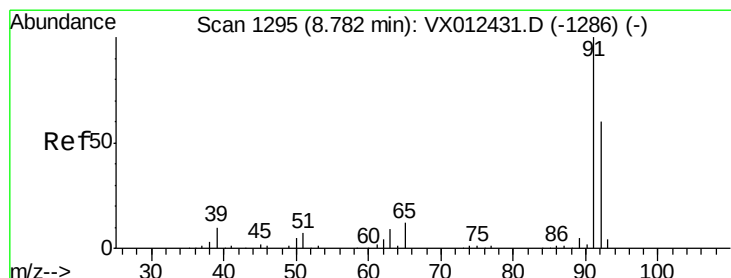
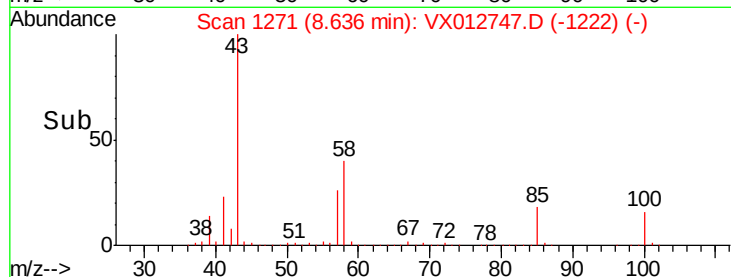
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 48.291 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012747.D

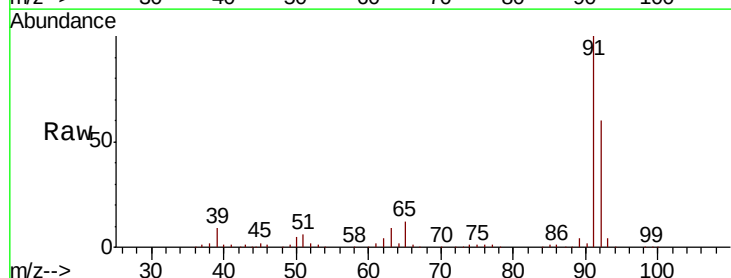
Acq: 01 Oct 2019 20:42

Tgt Ion: 92 Resp: 260186

Ion Ratio Lower Upper

92 100

91 166.8 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

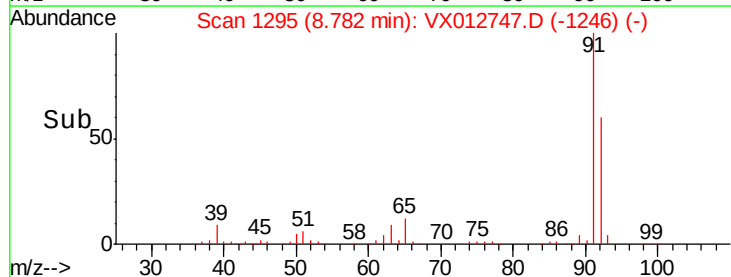
150000

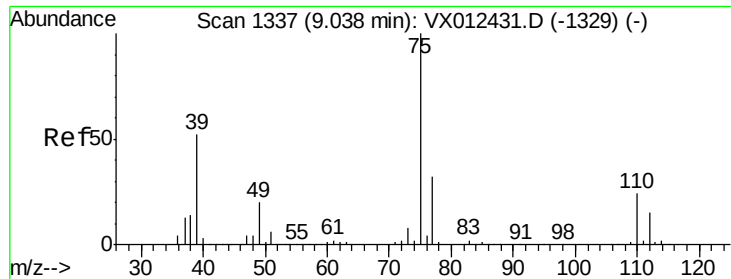
100000

50000

0

Time--> 8.70 8.75 8.80 8.85 8.90





#53

t-1,3-Dichloropropene

Concen: 45.996 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

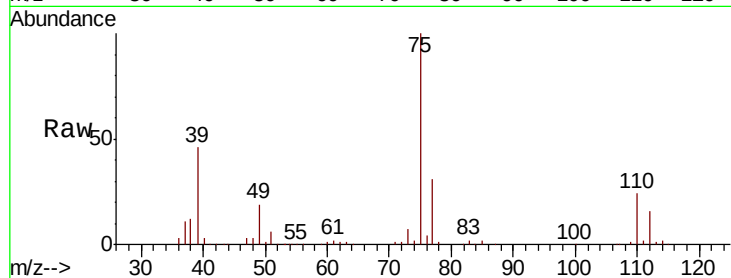
SA-SW201-20190926MSD

Tot Ion: 75 Resp: 151988

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

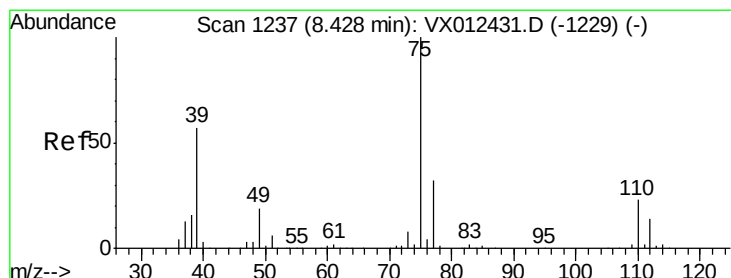
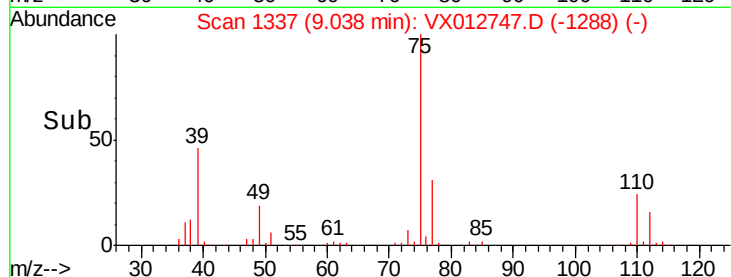
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 45.849 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

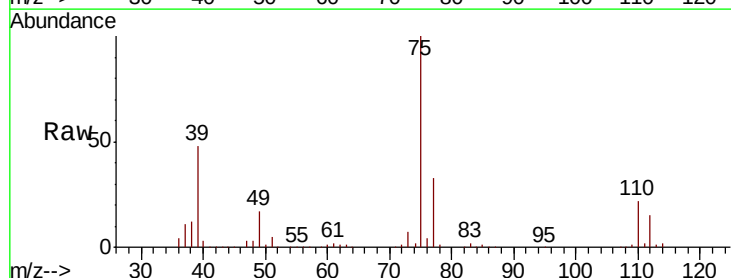
Tgt Ion: 75 Resp: 165416

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

39 48.0 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

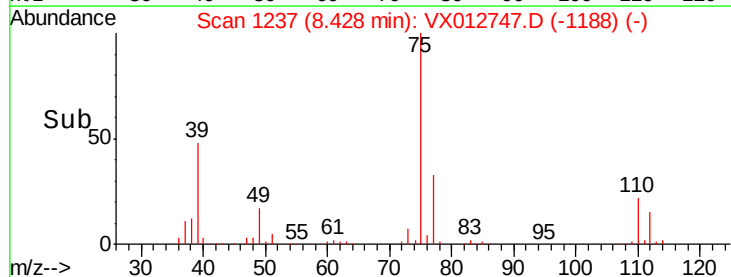
8.43

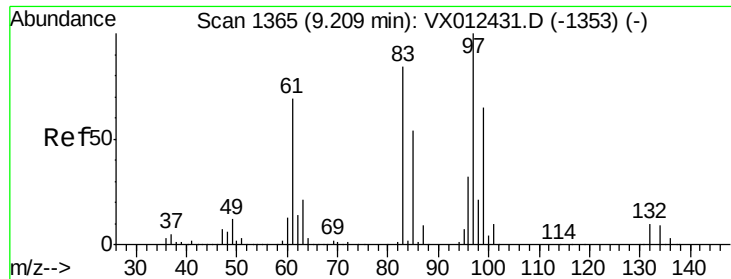
100000

50000

0

Time--> 8.35 8.40 8.45 8.50

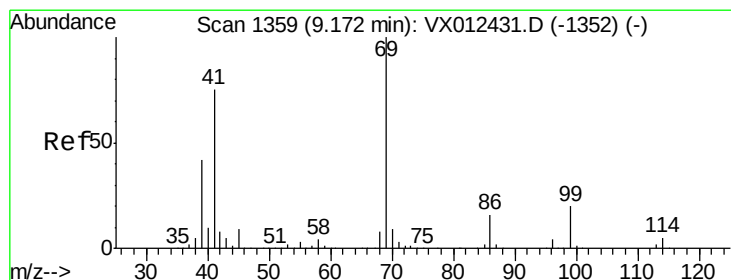
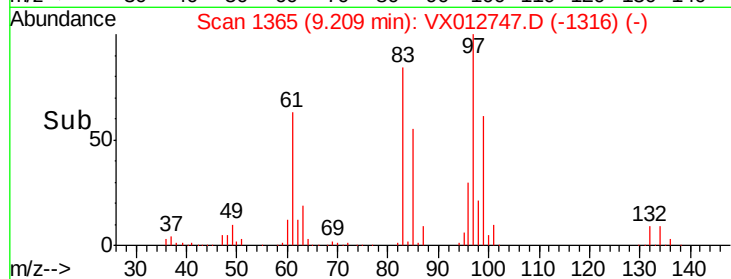
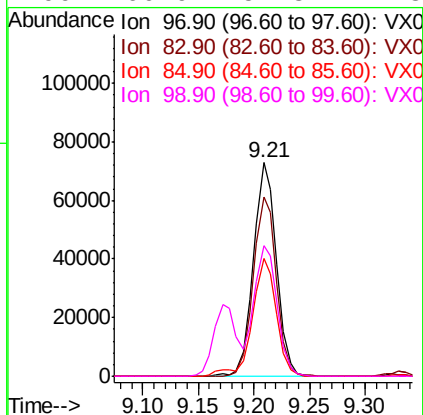
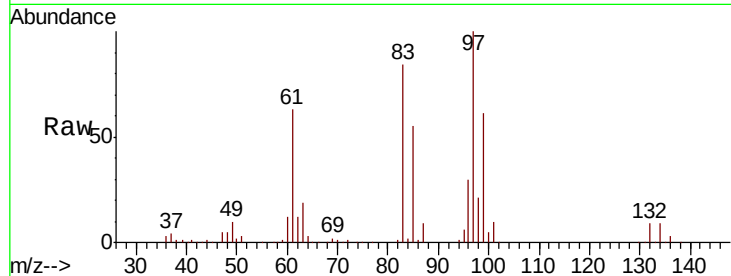




#55
 1,1,2-Trichloroethane
 Concen: 48.958 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

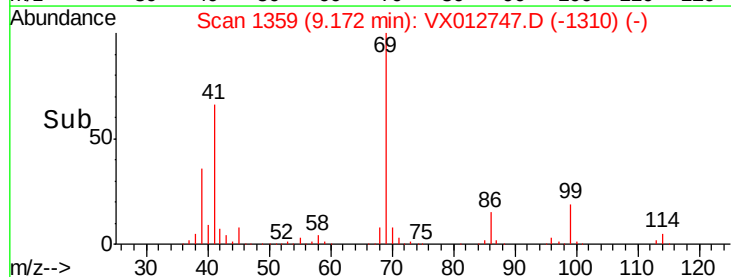
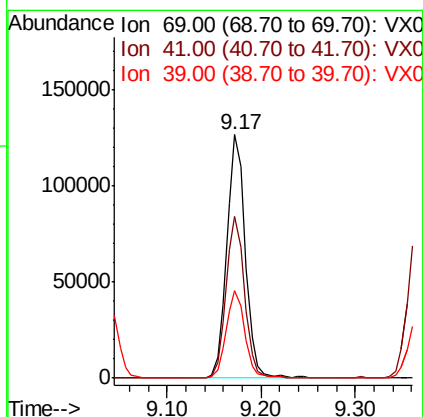
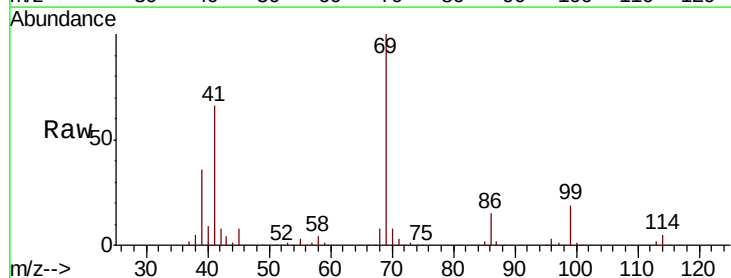
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

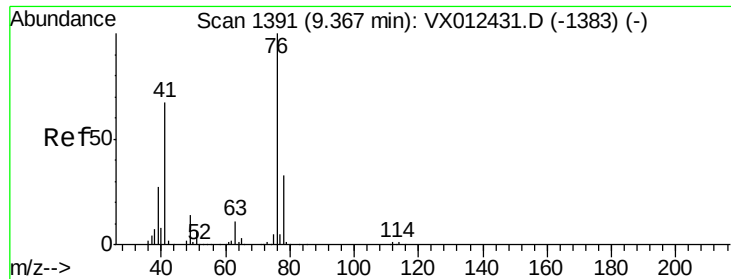
Tot Ion:	97	Resp:	104871
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.4	101.2
85	54.9	43.5	65.3
99	60.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 47.994 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion:	69	Resp:	172715
Ion	Ratio	Lower	Upper
69	100		
41	67.1	58.4	87.6
39	36.0	33.4	50.0

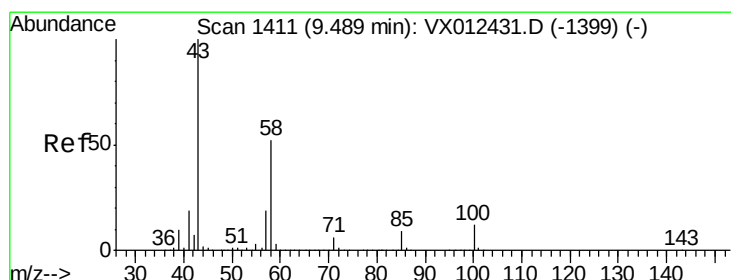
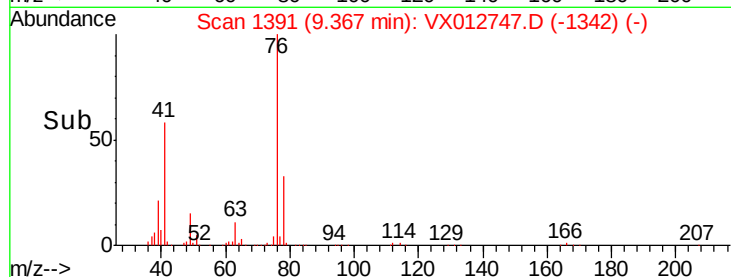
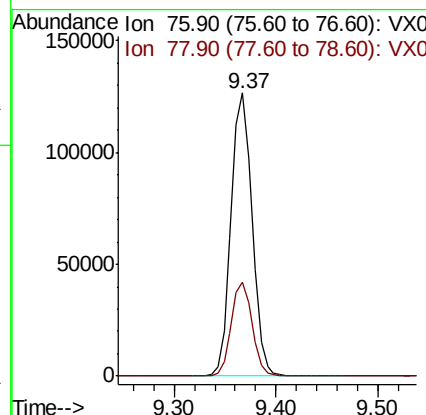
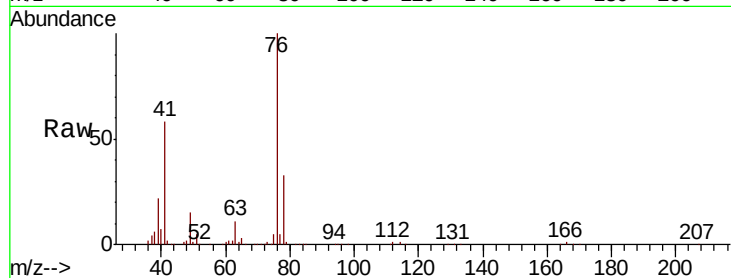




#57
 1,3-Dichloropropane
 Concen: 48.282 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

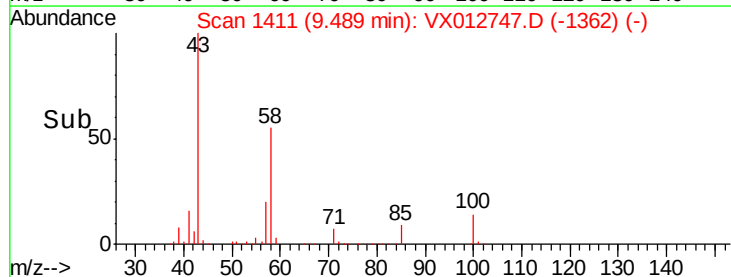
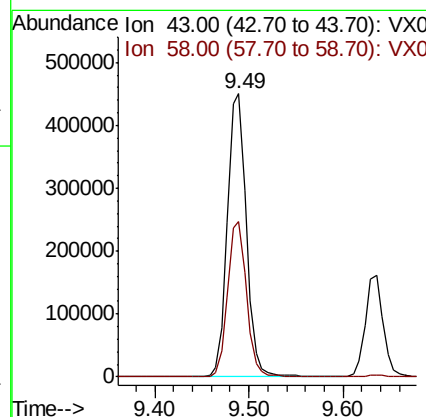
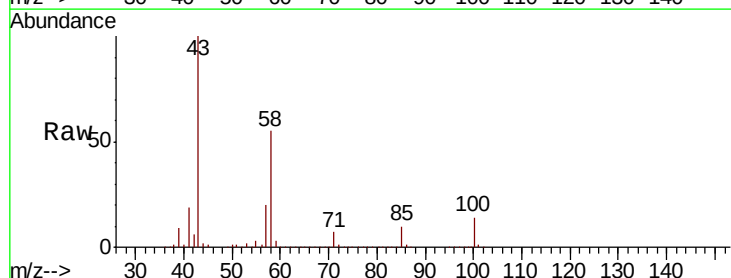
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

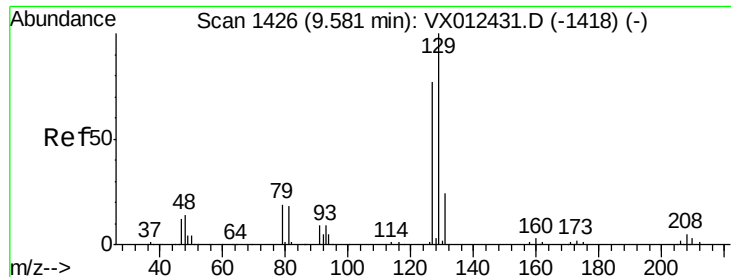
Tot Ion: 76 Resp: 181005
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#59
 2-Hexanone
 Concen: 234.240 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion: 43 Resp: 630446
 Ion Ratio Lower Upper
 43 100
 58 54.7 25.7 77.1

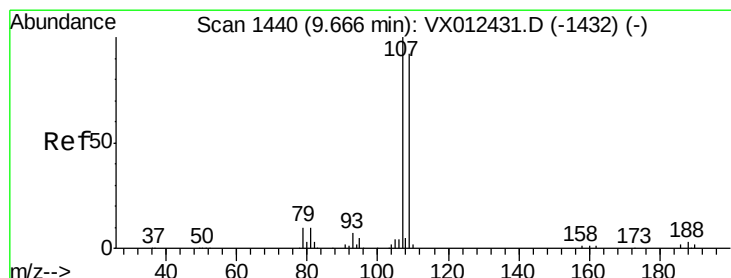
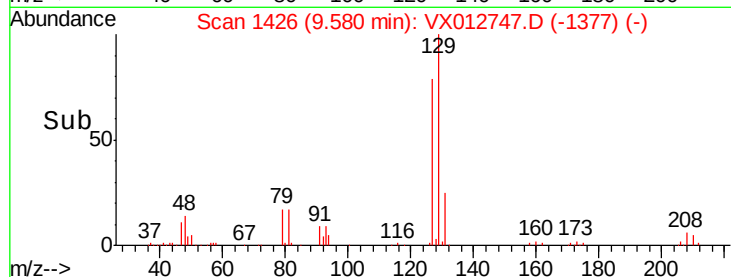
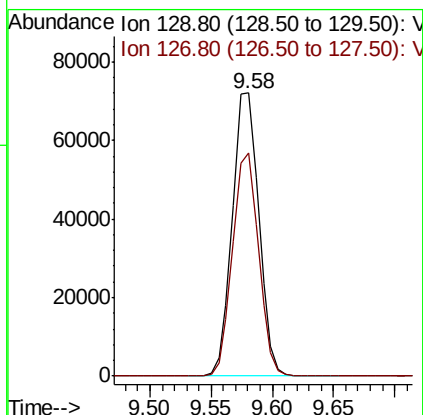
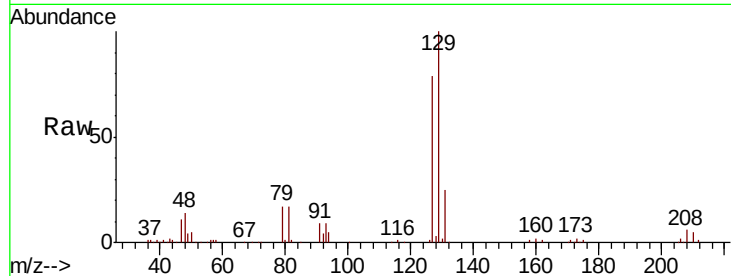




#60
 Dibromochloromethane
 Concen: 49.917 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

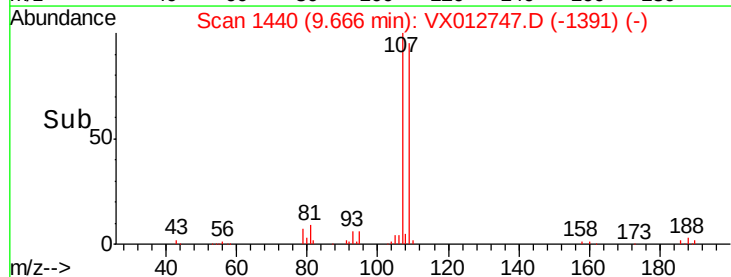
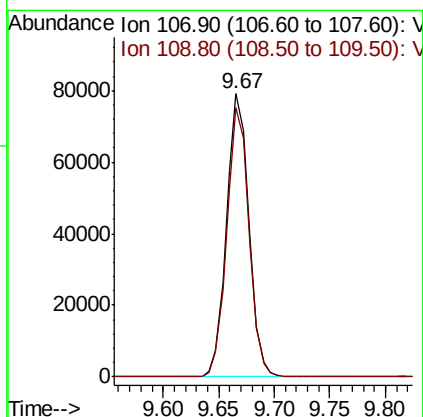
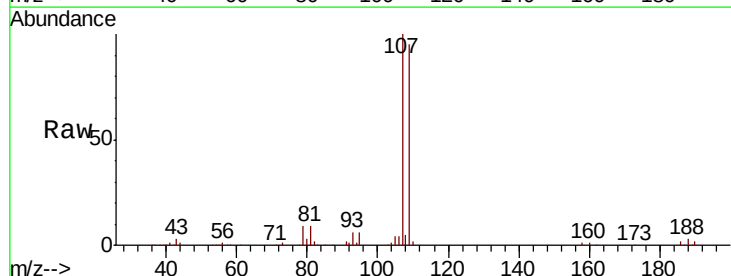
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

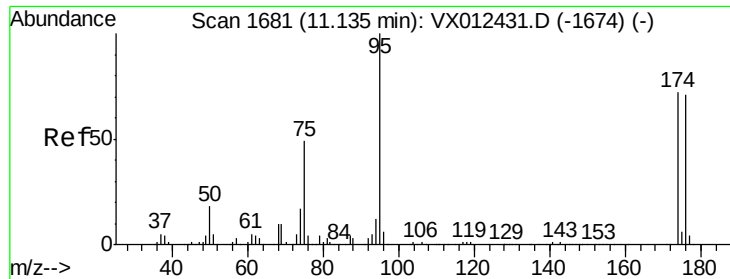
Tot Ion:129 Resp: 108239
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.9 116.6



#61
 1,2-Dibromoethane
 Concen: 49.191 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion:107 Resp: 109662
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.7 112.1

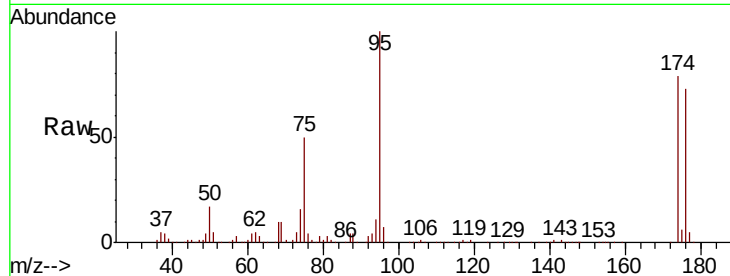




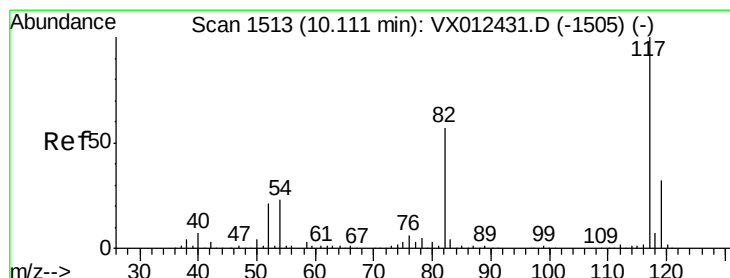
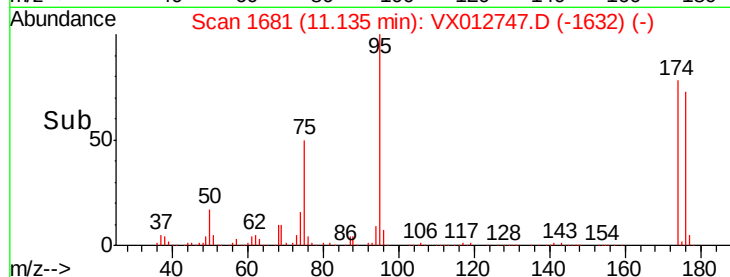
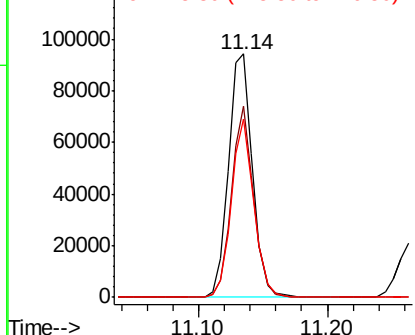
#62
4-Bromofluorobenzene
Concen: 45.007 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

Tot Ion: 95 Resp: 122684
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.0
176 68.6 0.0 135.4

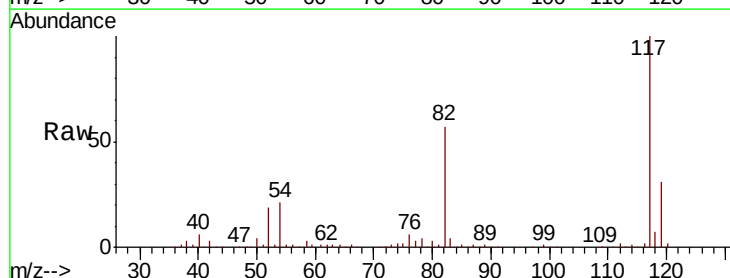


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

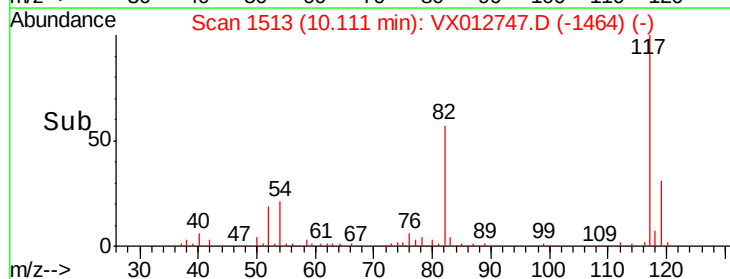
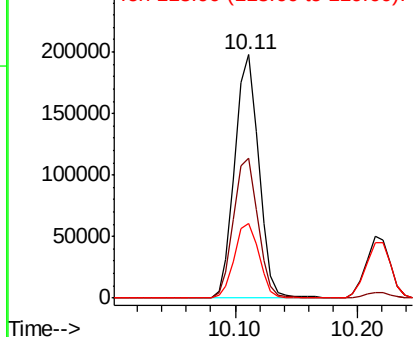


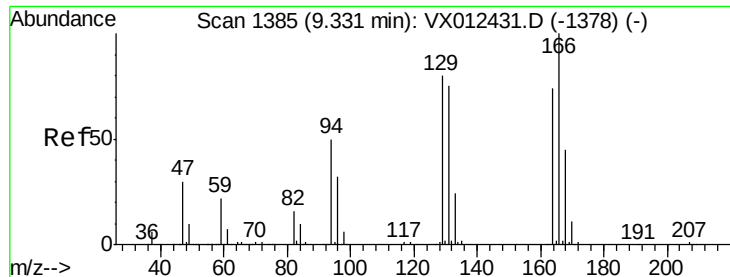
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion: 117 Resp: 268919
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 30.9 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

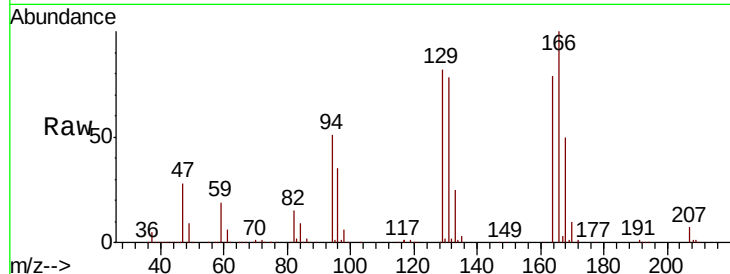




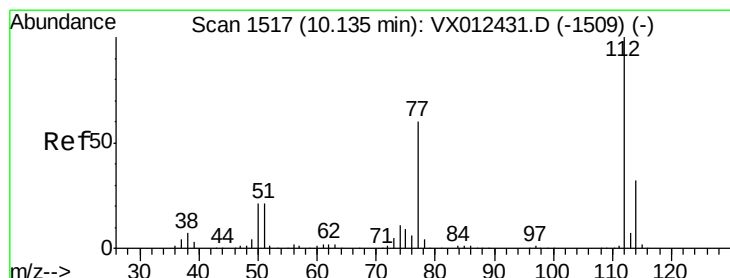
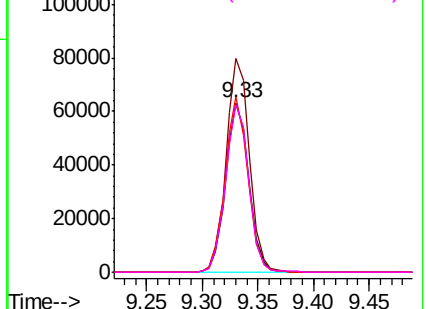
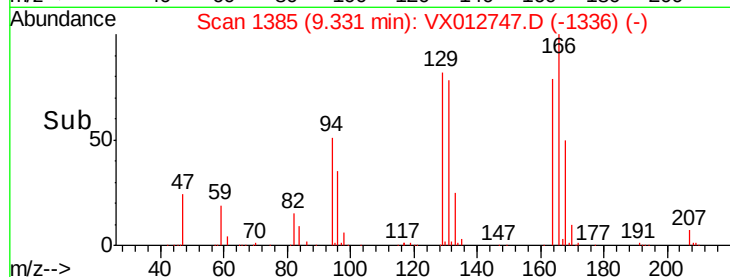
#64
Tetrachloroethene
Concen: 48.393 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MSD

Tot Ion:164 Resp: 90734
Ion Ratio Lower Upper
164 100
166 126.2 107.8 161.6
129 103.4 86.2 129.2
131 99.0 80.4 120.6

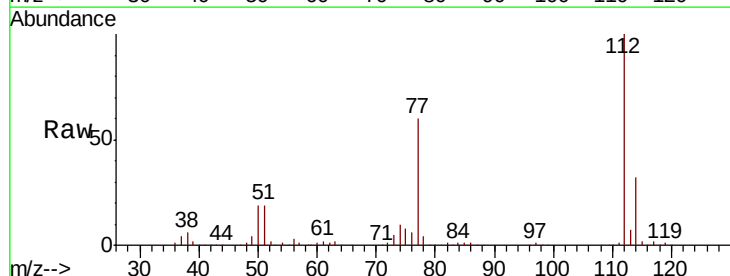


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

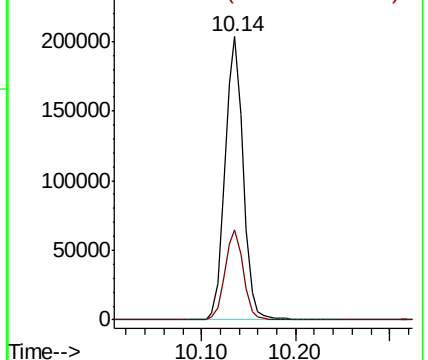
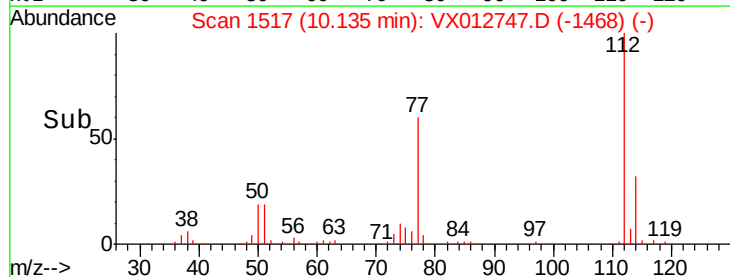


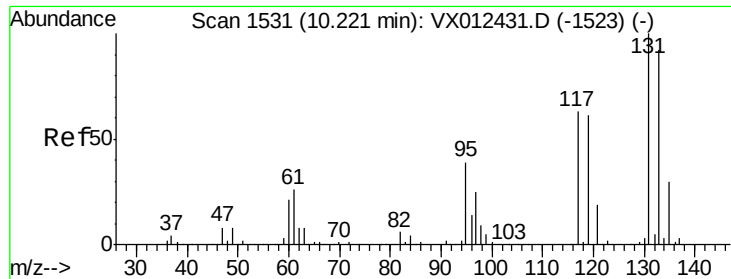
#65
Chlorobenzene
Concen: 47.739 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012747.D
Acq: 01 Oct 2019 20:42

Tgt Ion:112 Resp: 270342
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



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

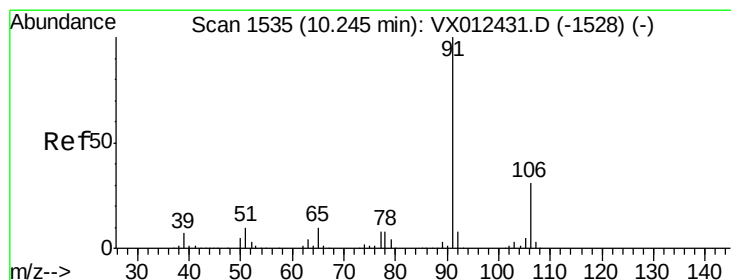
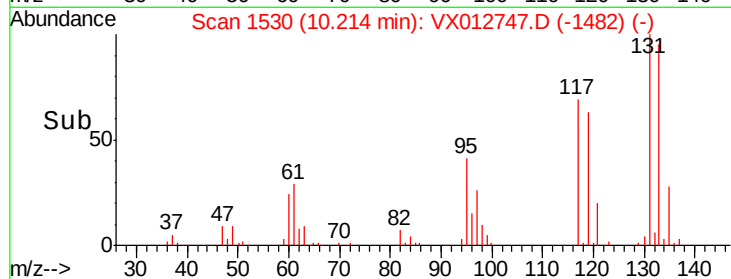
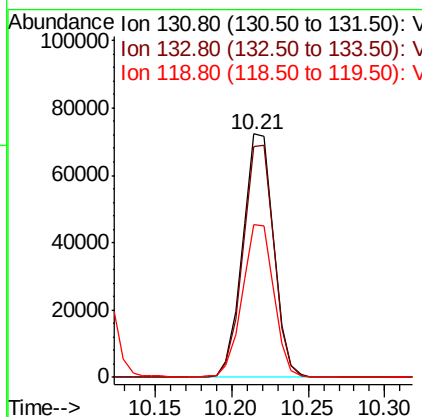
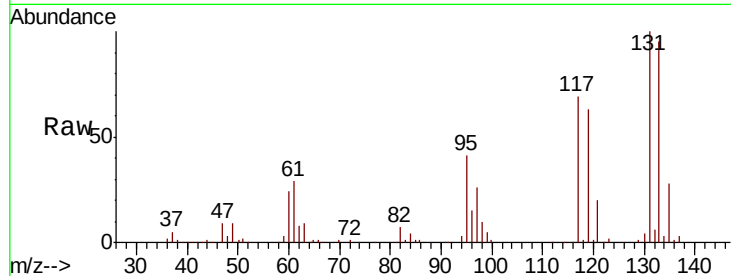




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.459 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

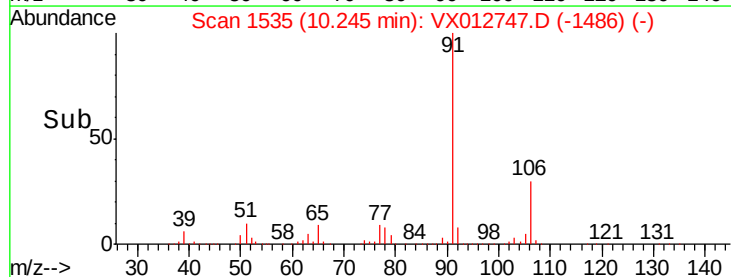
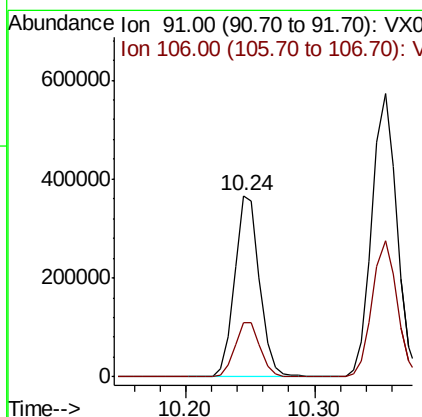
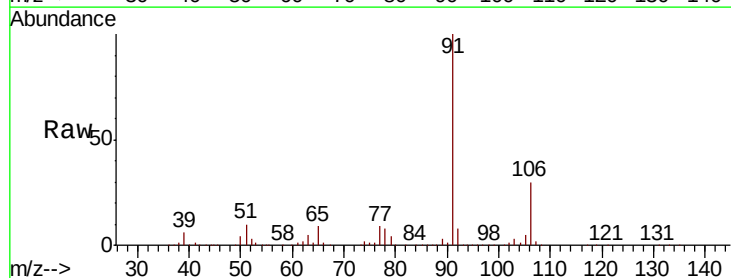
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

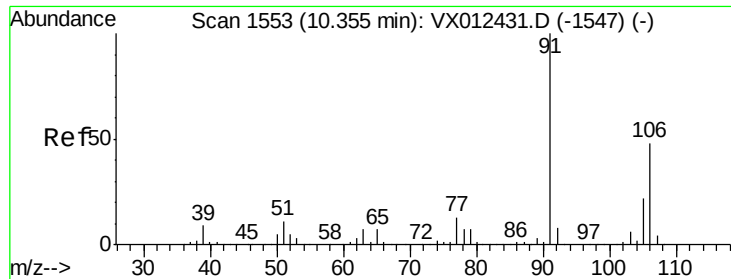
Tot Ion:131 Resp: 101480
 Ion Ratio Lower Upper
 131 100
 133 95.1 47.6 142.9
 119 63.8 31.3 93.8



#67
 Ethyl Benzene
 Concen: 48.029 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion: 91 Resp: 493307
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.6 37.0





#68

m/p-Xylenes

Concen: 95.387 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

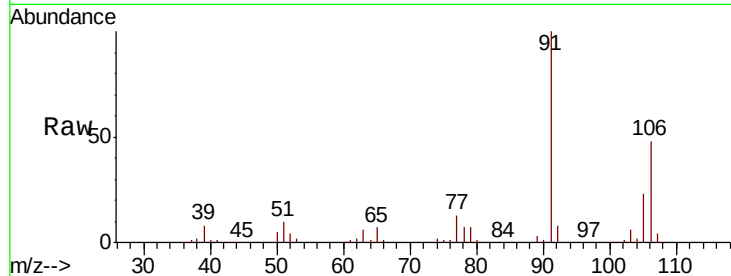
SA-SW201-20190926MSD

Tot Ion:106 Resp: 367004

Ion Ratio Lower Upper

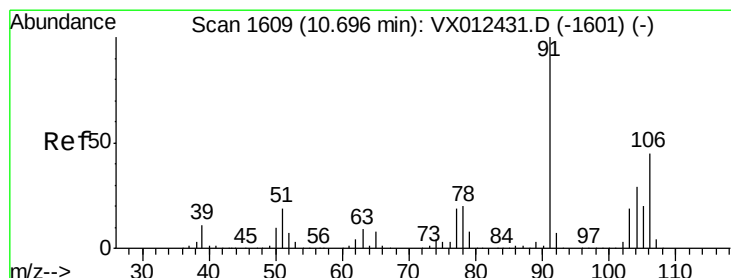
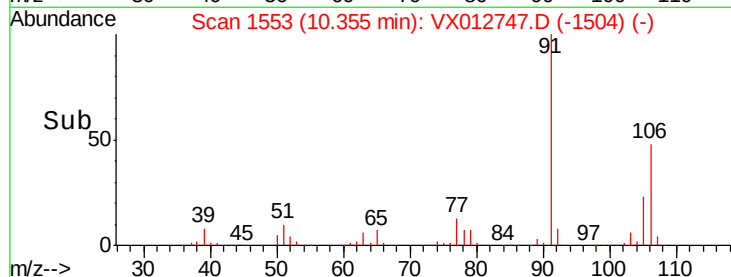
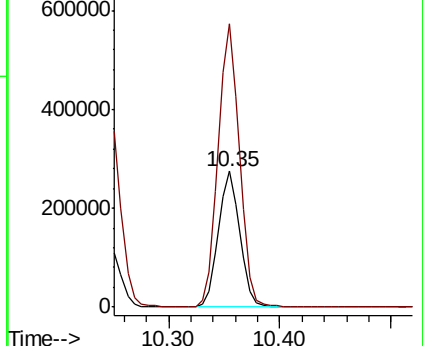
106 100

91 207.3 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.555 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012747.D

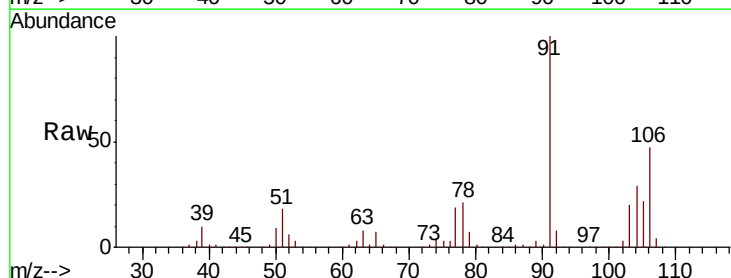
Acq: 01 Oct 2019 20:42

Tgt Ion:106 Resp: 180766

Ion Ratio Lower Upper

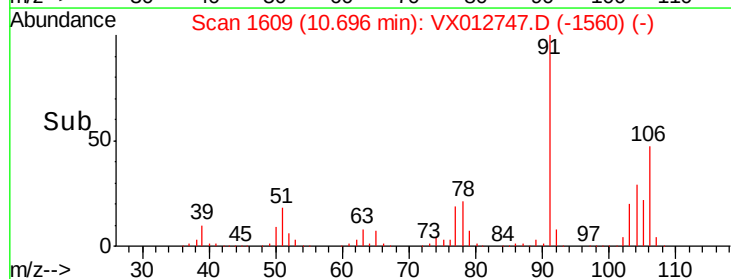
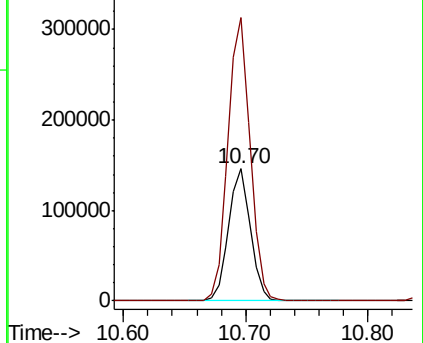
106 100

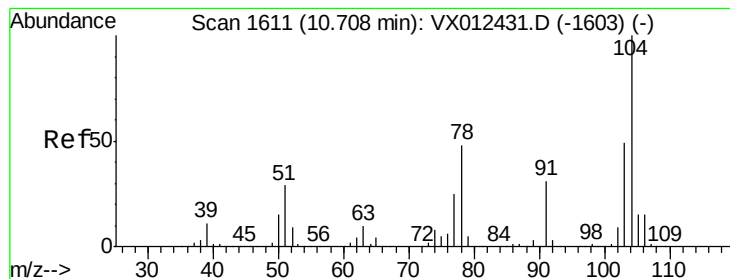
91 217.0 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 49.078 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

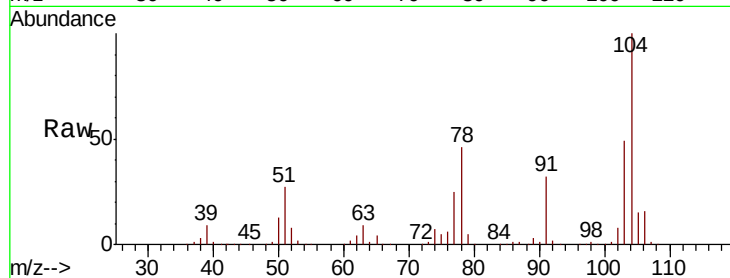
Tot Ion:104 Resp: 306305

Ion Ratio Lower Upper

104 100

78 51.9 43.4 65.2

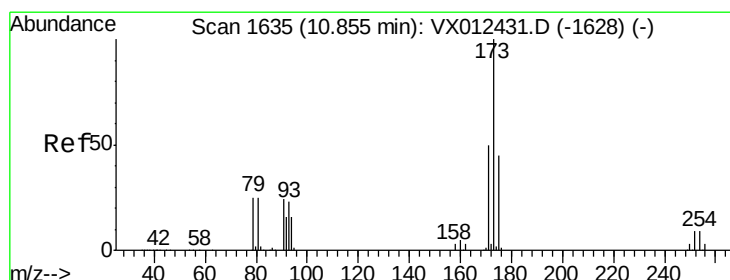
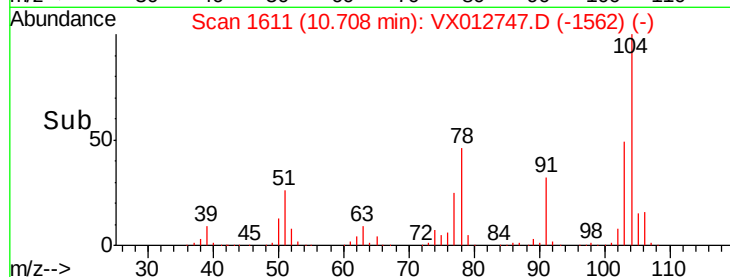
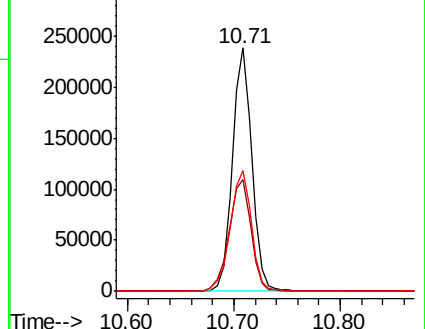
103 54.2 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.922 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

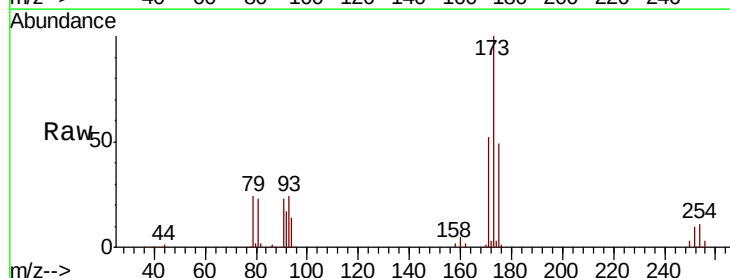
Tgt Ion:173 Resp: 72751

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

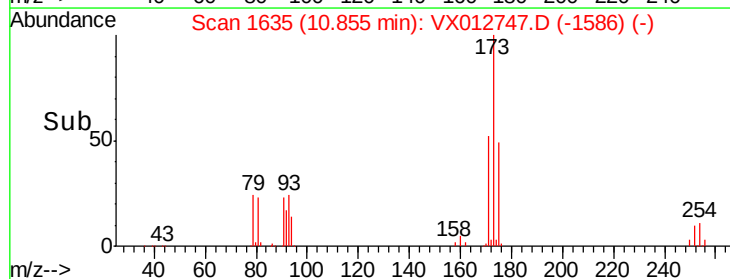
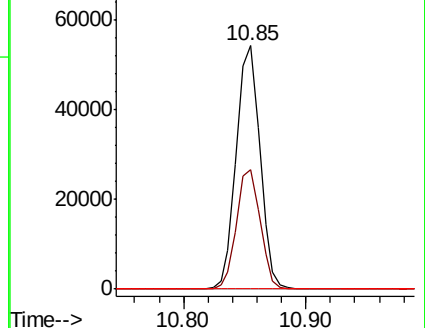
254 0.1 0.1 0.1

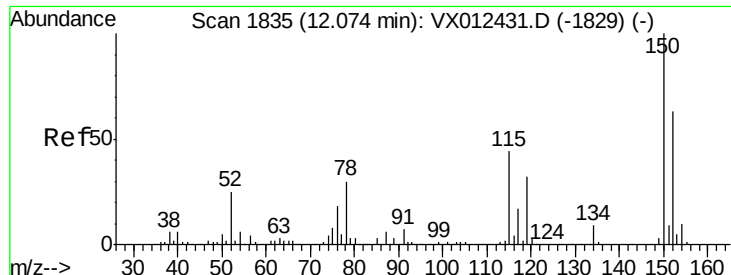


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

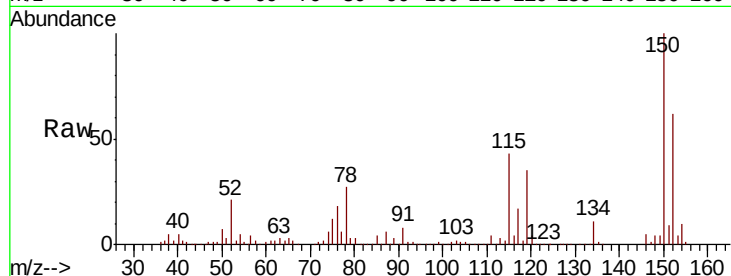
Tot Ion:152 Resp: 122986

Ion Ratio Lower Upper

152 100

115 88.7 44.1 132.3

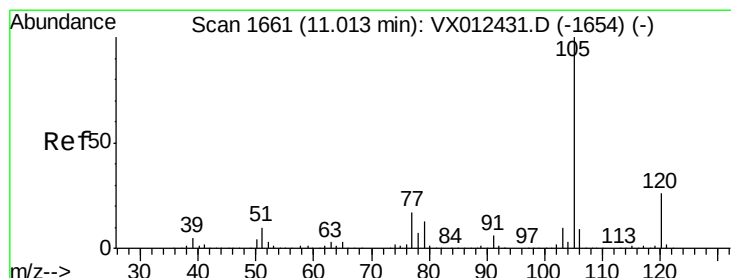
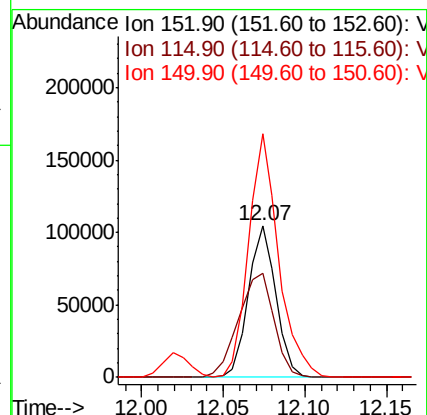
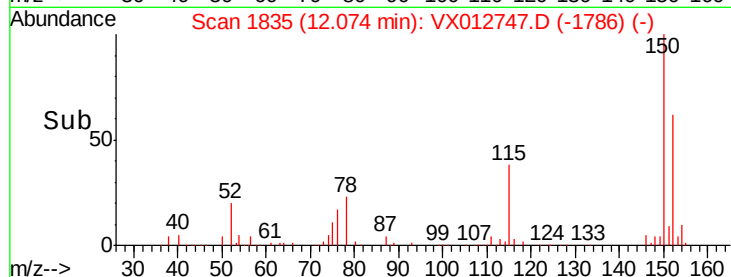
150 175.6 0.0 343.8



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: 47.809 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012747.D

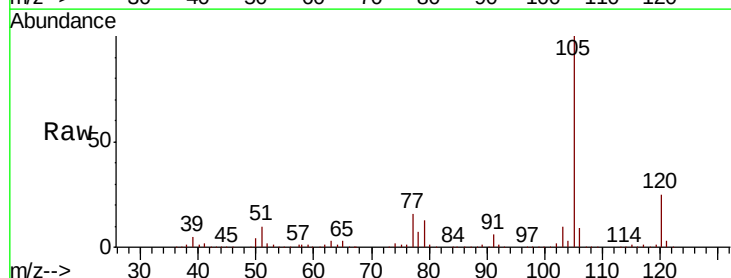
Acq: 01 Oct 2019 20:42

Tgt Ion:105 Resp: 478893

Ion Ratio Lower Upper

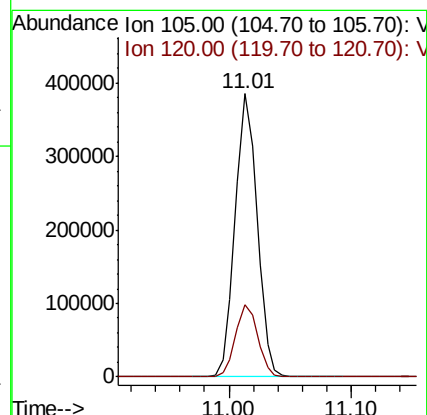
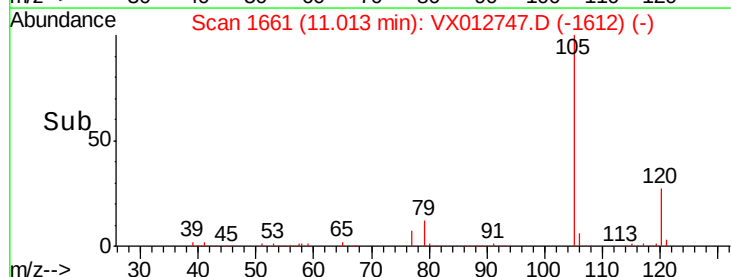
105 100

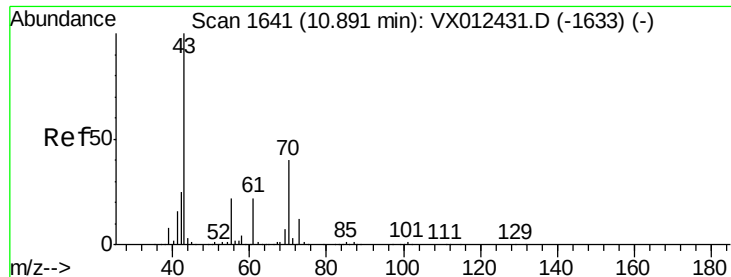
120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.394 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

Tot Ion: 43 Resp: 207367

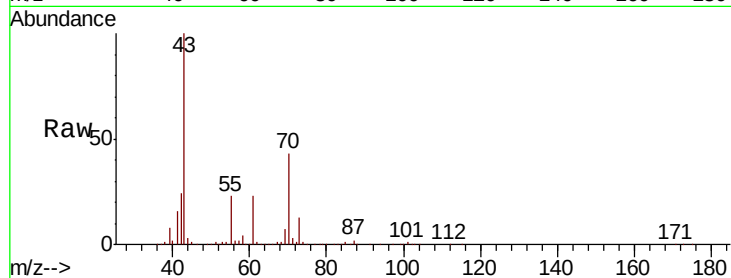
Ion Ratio Lower Upper

43 100

70 44.0 32.4 48.6

55 24.6 18.2 27.4

61 24.4 18.5 27.7

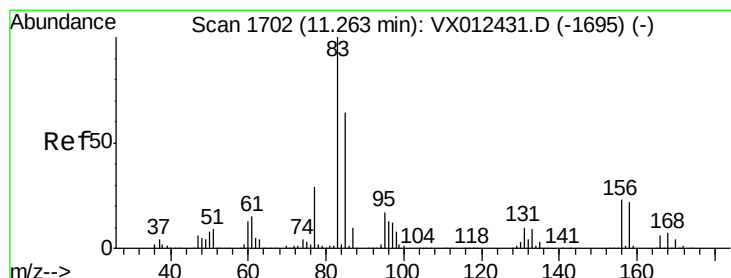
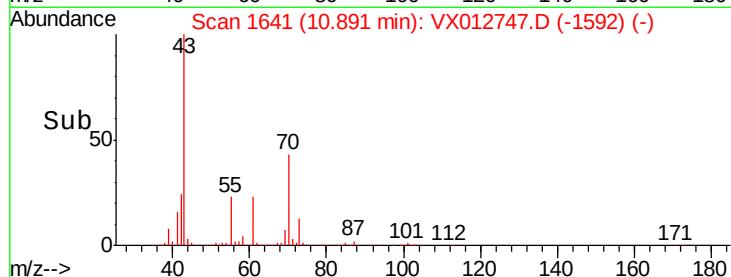
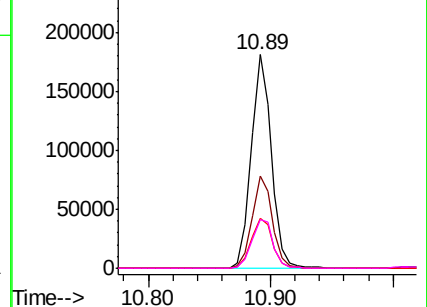


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.937 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

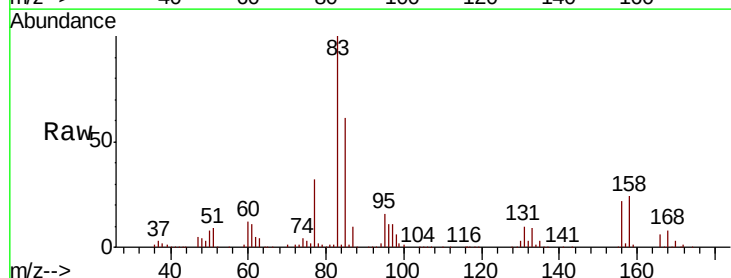
Tgt Ion: 83 Resp: 162345

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

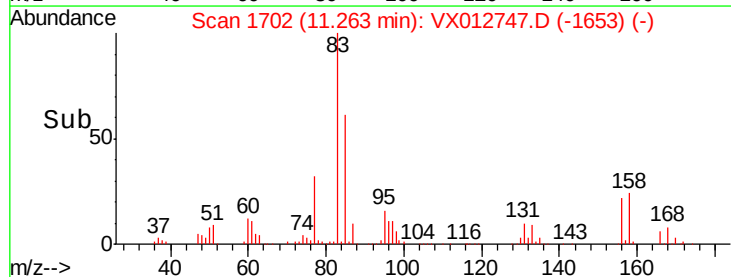
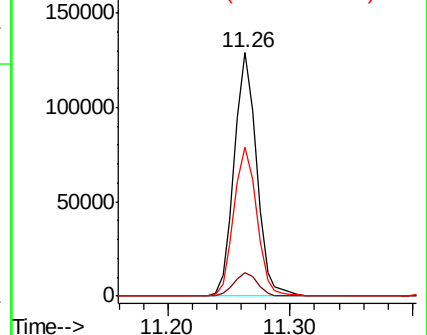
85 63.5 32.0 96.0

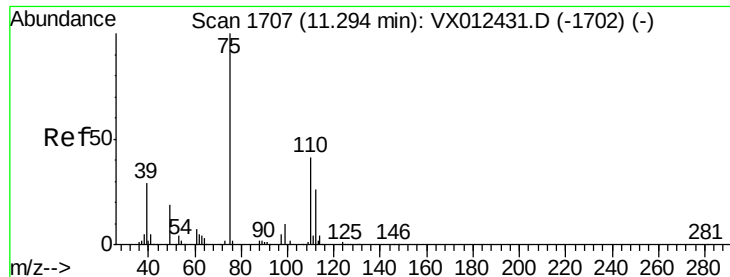


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 57.350 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

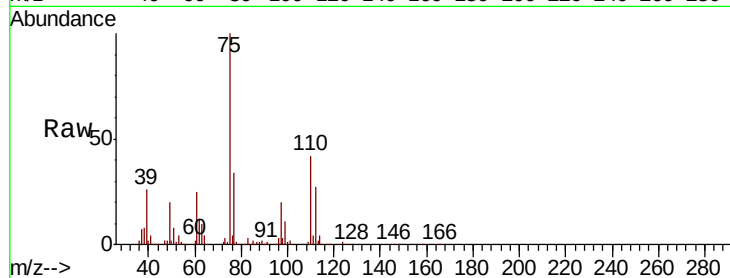
SA-SW201-20190926MSD

Tot Ion: 75 Resp: 186575

Ion Ratio Lower Upper

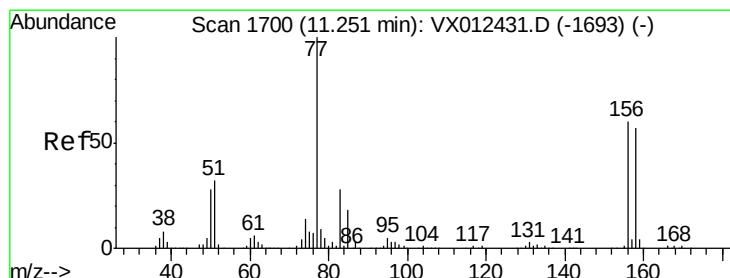
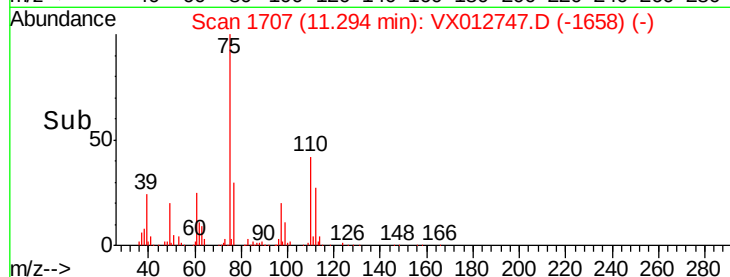
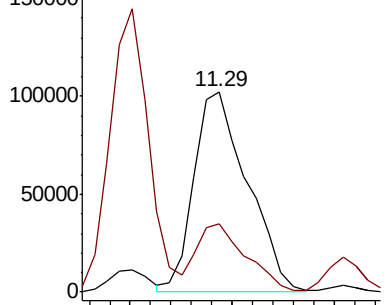
75 100

77 31.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 47.138 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

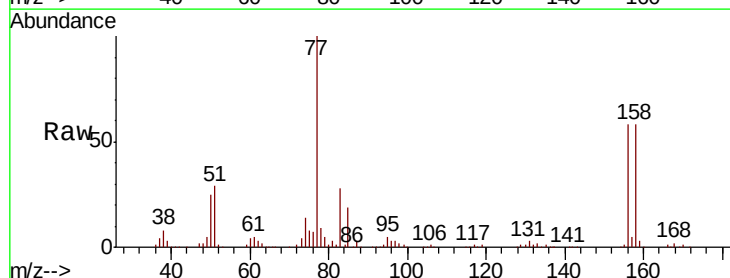
Tgt Ion: 156 Resp: 106865

Ion Ratio Lower Upper

156 100

77 178.1 87.3 261.8

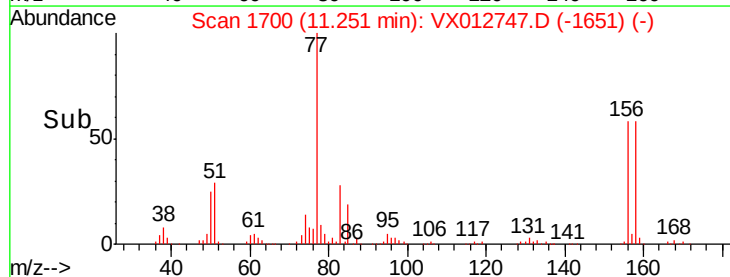
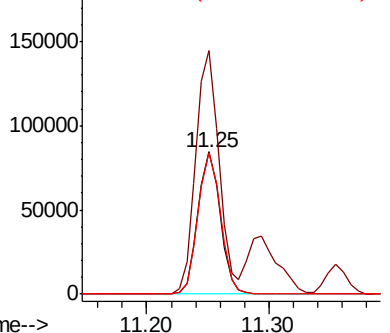
158 100.2 48.5 145.6

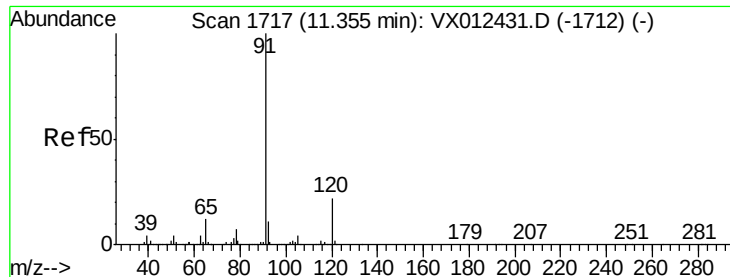


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 46.766 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

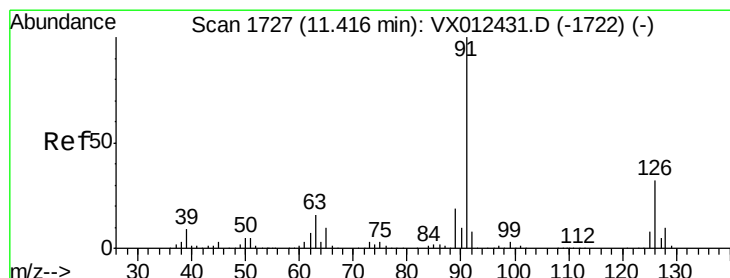
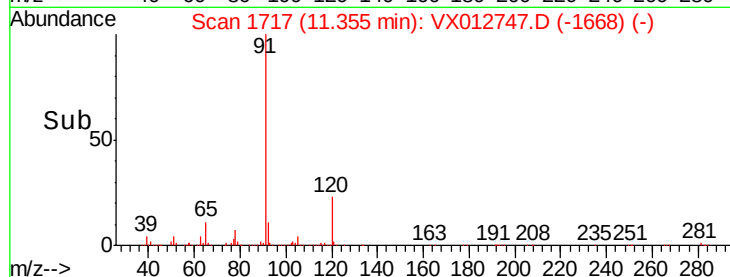
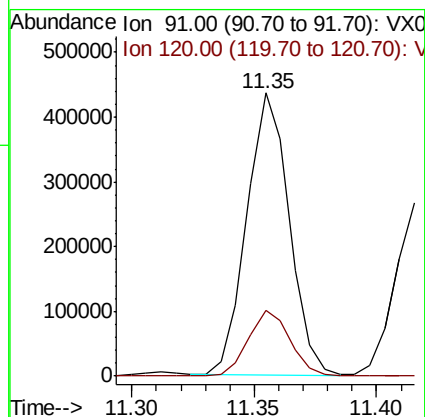
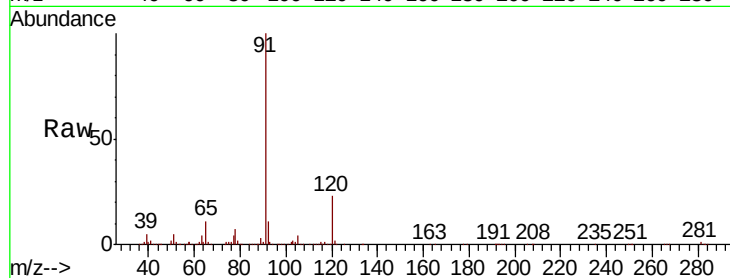
SA-SW201-20190926MSD

Tot Ion: 91 Resp: 527392

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8



#79

2-Chlorotoluene

Concen: 46.247 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012747.D

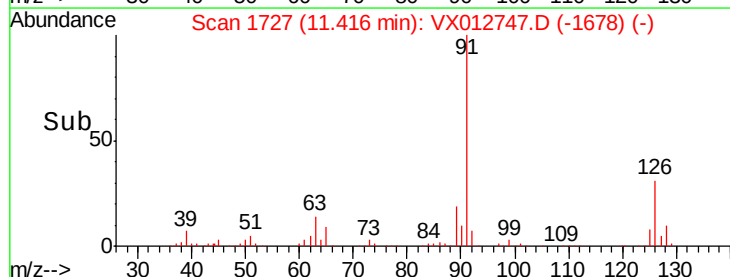
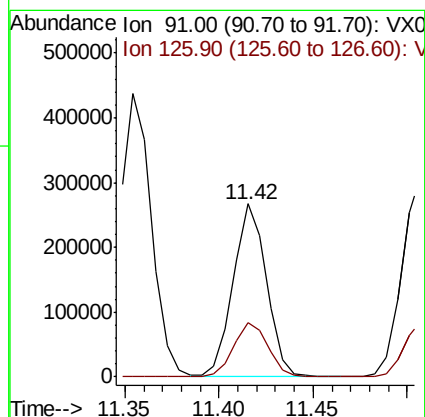
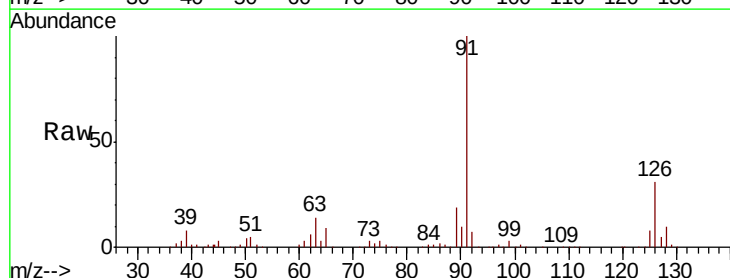
Acq: 01 Oct 2019 20:42

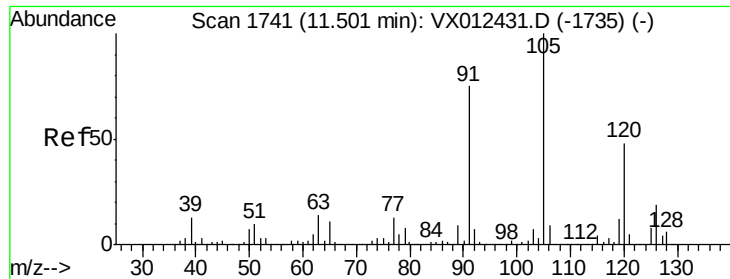
Tgt Ion: 91 Resp: 325343

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.4

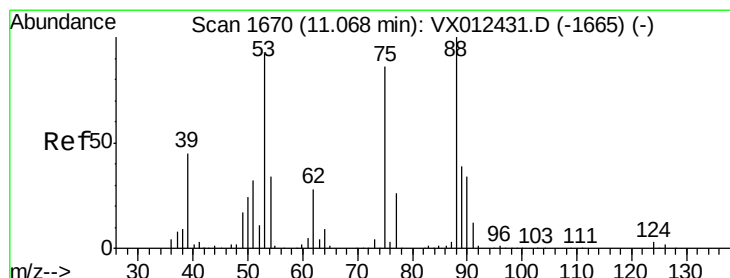
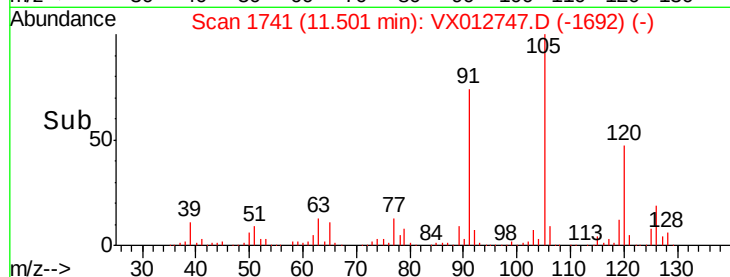
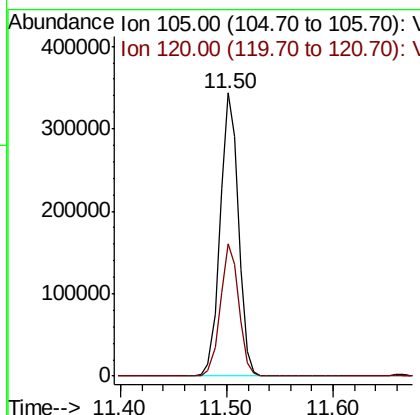
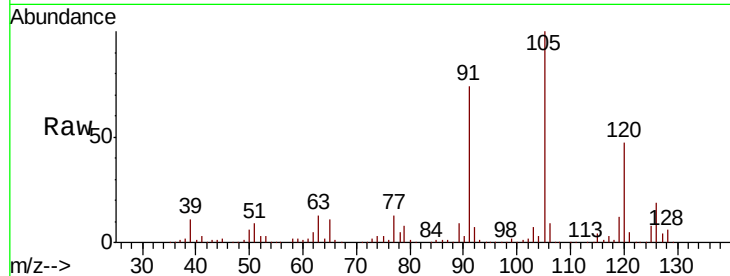




#80
 1,3,5-Trimethylbenzene
 Concen: 48.843 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

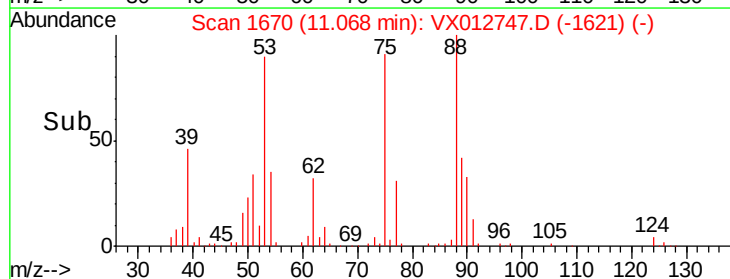
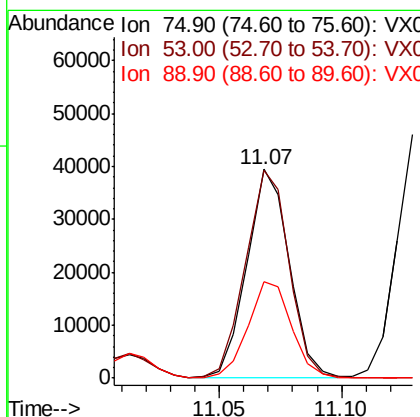
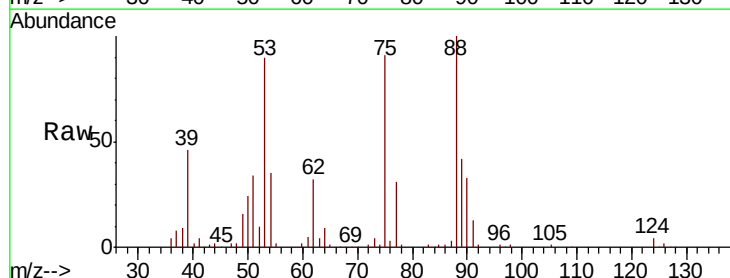
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

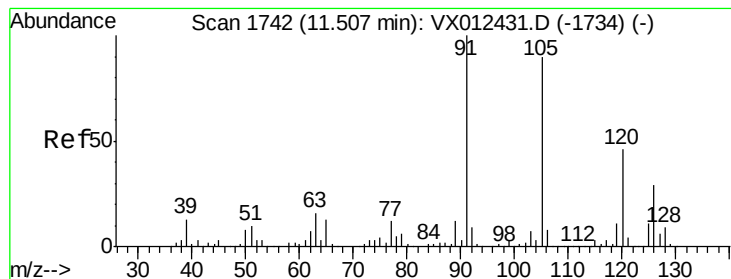
Tot Ion:105 Resp: 410279
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.891 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion: 75 Resp: 47556
 Ion Ratio Lower Upper
 75 100
 53 102.9 83.6 125.4
 89 47.9 36.3 54.5





#82

4-Chlorotoluene

Concen: 47.242 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

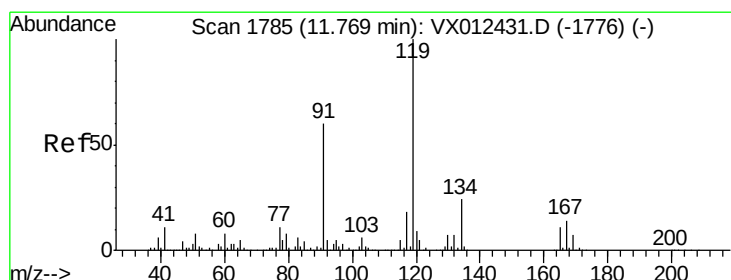
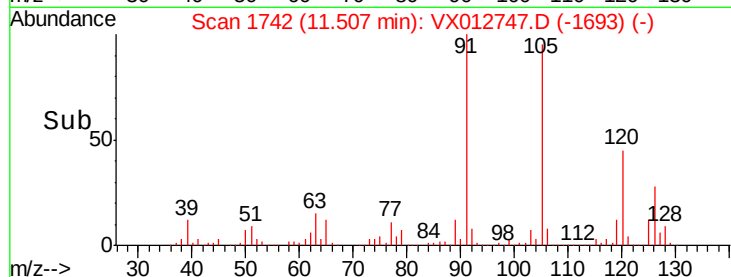
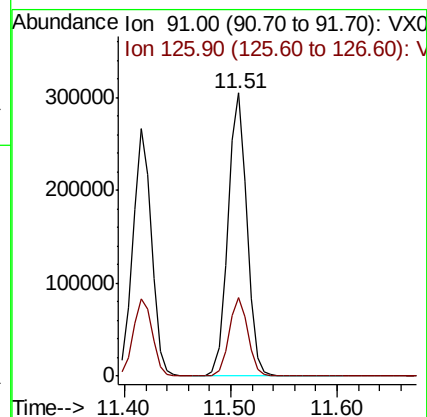
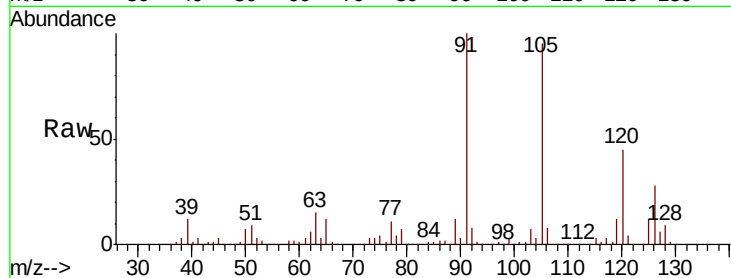
SA-SW201-20190926MSD

Tot Ion: 91 Resp: 378858

Ion Ratio Lower Upper

91 100

126 27.7 14.4 43.0



#83

tert-Butylbenzene

Concen: 48.465 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

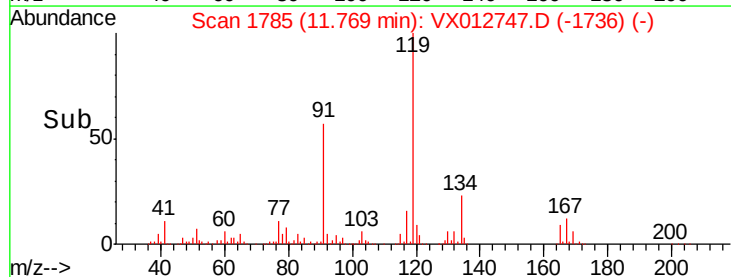
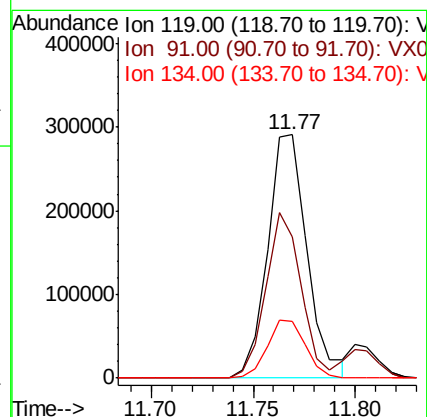
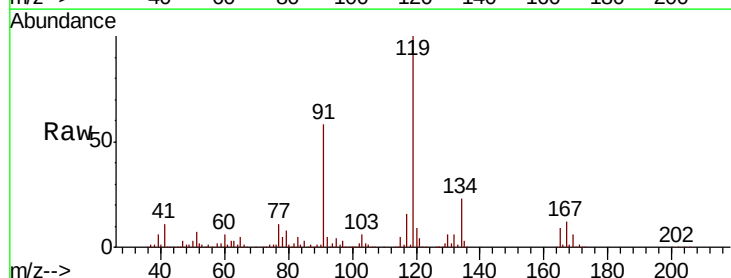
Tgt Ion: 119 Resp: 392701

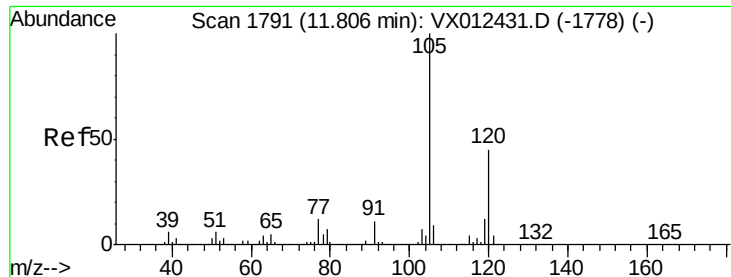
Ion Ratio Lower Upper

119 100

91 61.0 30.0 90.0

134 23.1 11.3 33.9

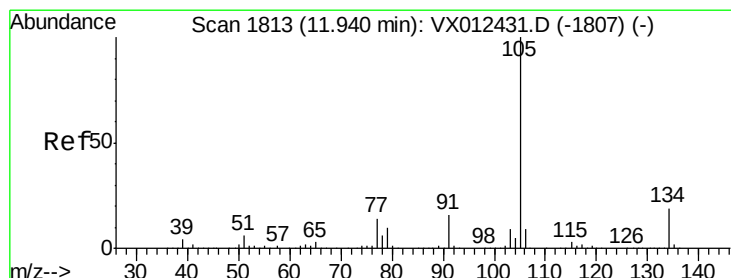
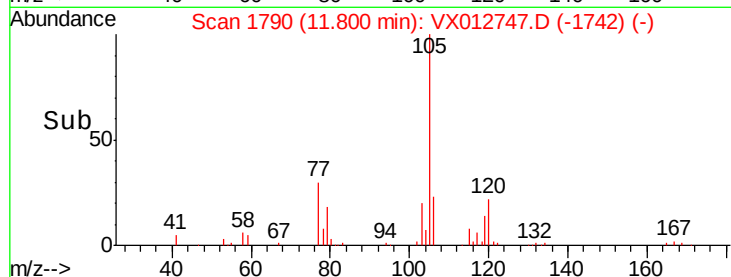
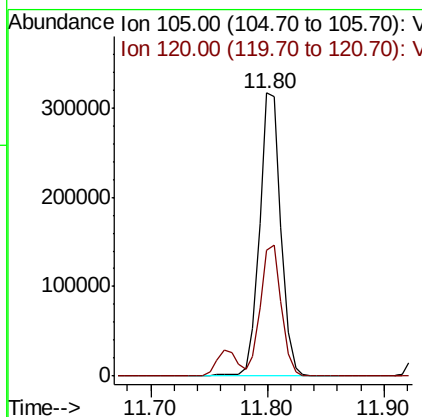
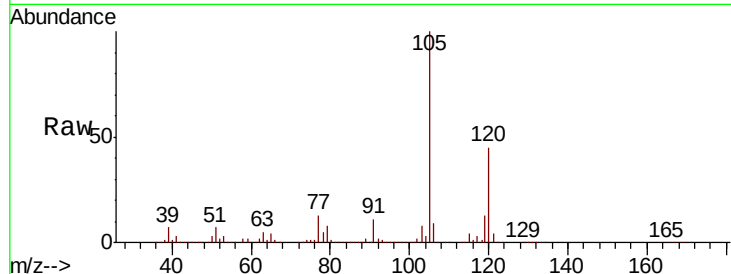




#84
 1,2,4-Trimethylbenzene
 Concen: 47.391 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

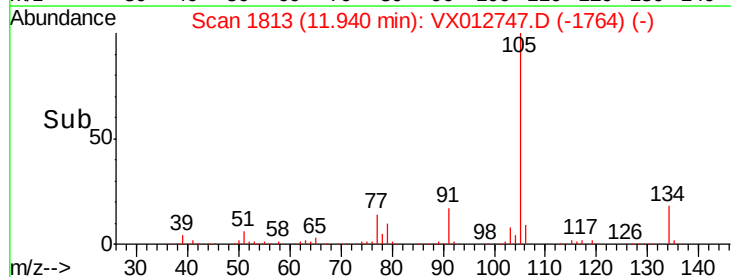
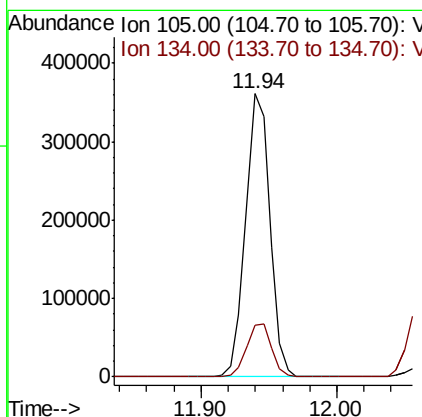
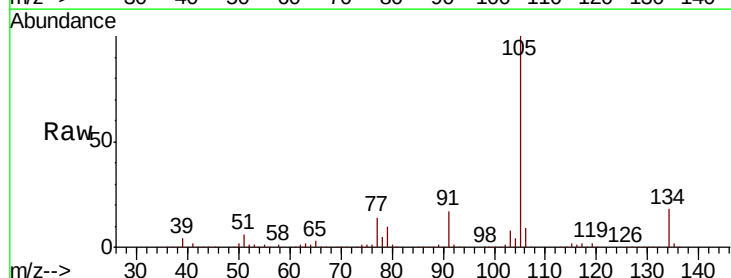
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

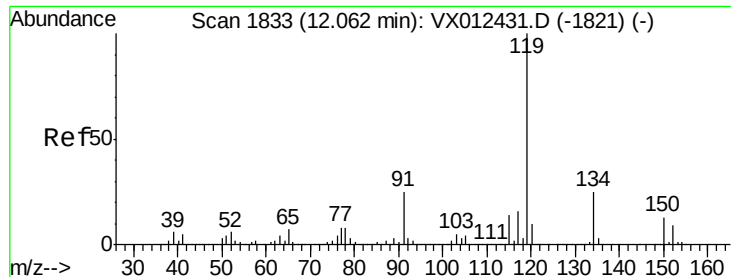
Tot Ion:105 Resp: 401574
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 48.063 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion:105 Resp: 452970
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

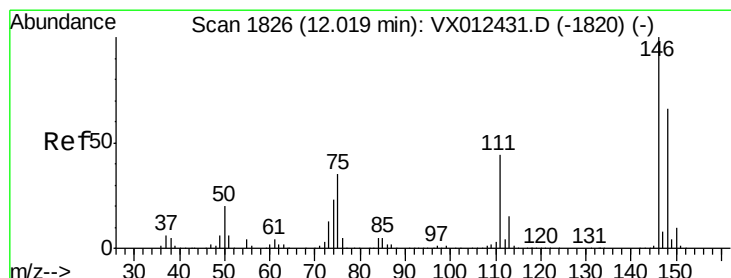
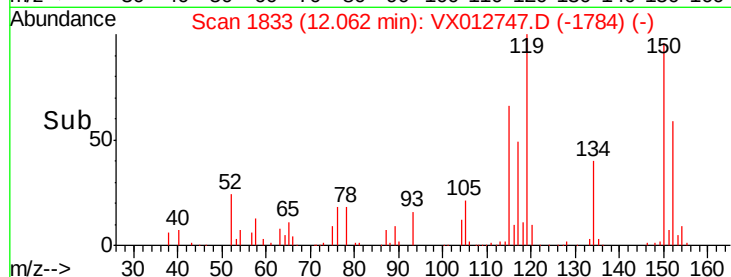
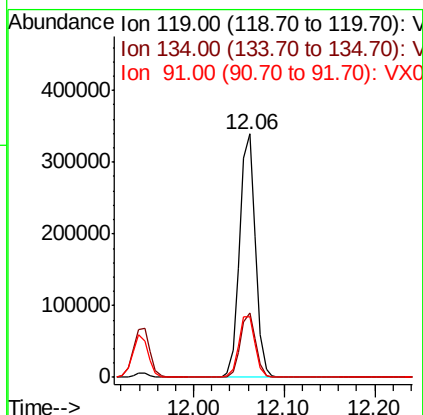
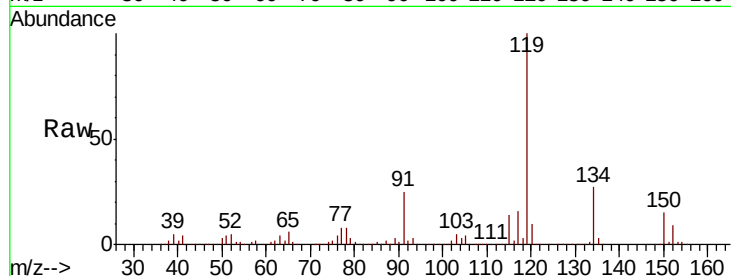




#86
 p-Isopropyltoluene
 Concen: 47.963 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

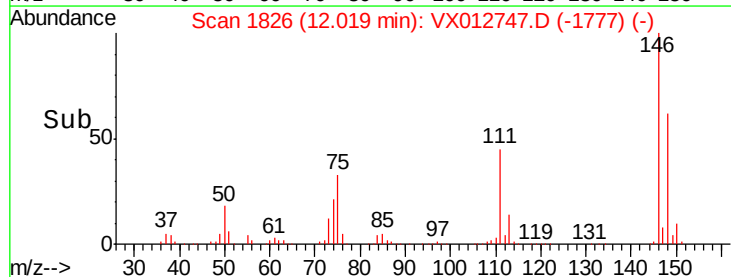
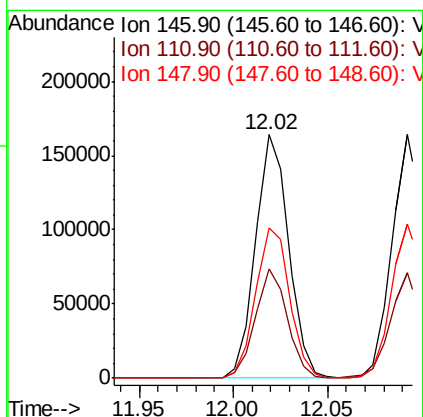
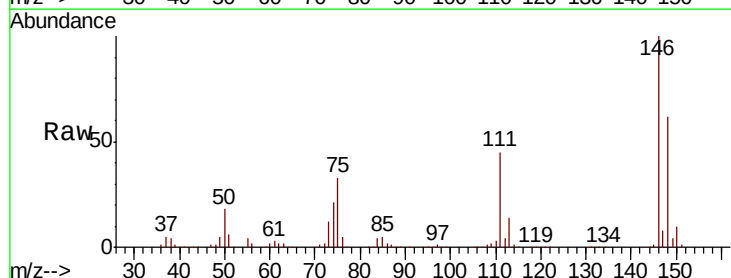
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

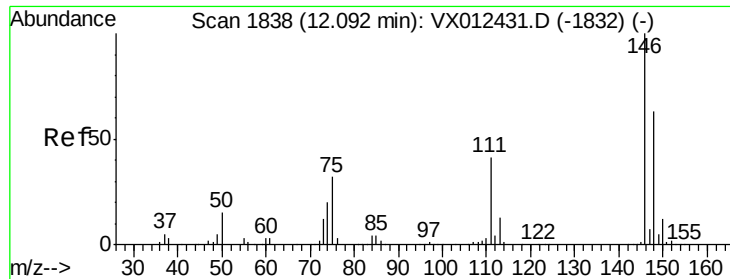
Tot Ion:119 Resp: 407874
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.9 12.8 38.4



#87
 1,3-Dichlorobenzene
 Concen: 49.101 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Tgt Ion:146 Resp: 200327
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.3 64.0
 148 63.5 32.4 97.2





#88

1,4-Dichlorobenzene

Concen: 47.961 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

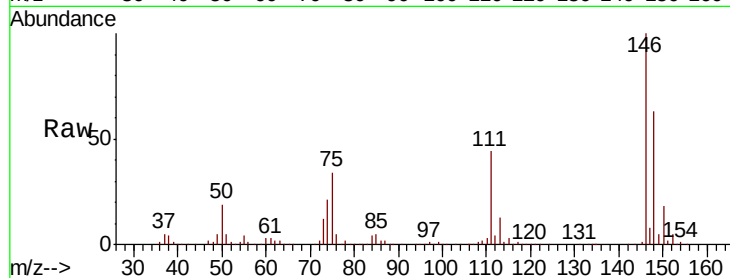
Tot Ion:146 Resp: 197729

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

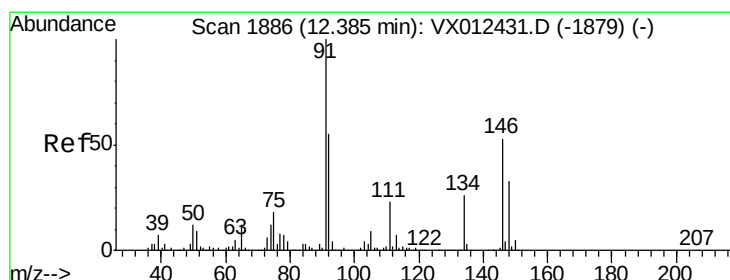
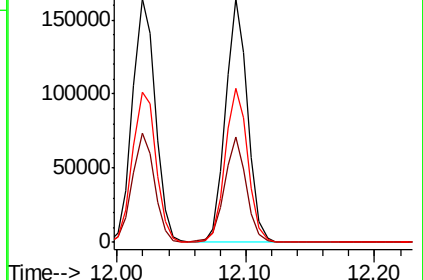
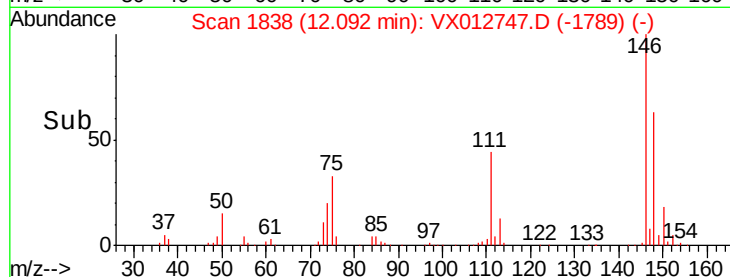
148 64.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 46.123 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

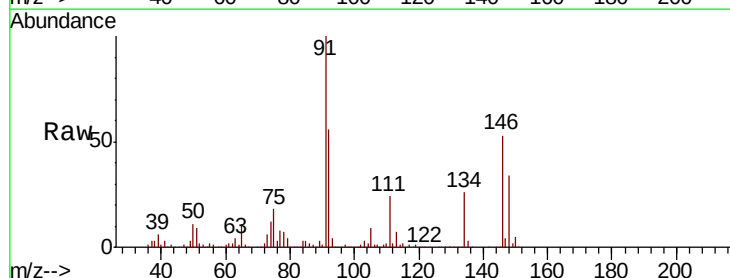
Tgt Ion: 91 Resp: 345623

Ion Ratio Lower Upper

91 100

92 55.5 27.7 83.0

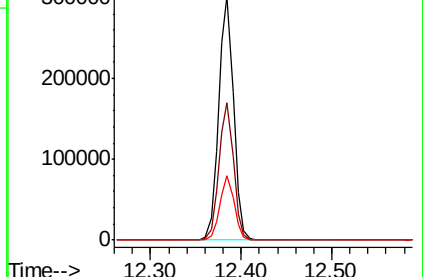
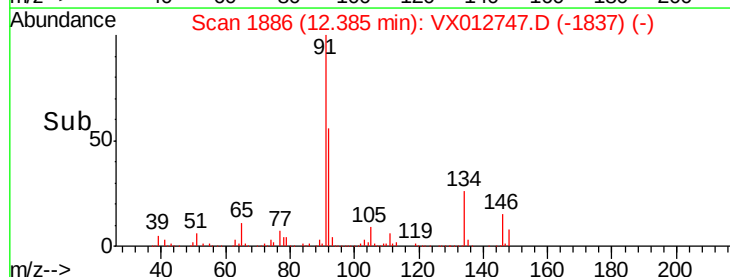
134 25.6 12.9 38.6

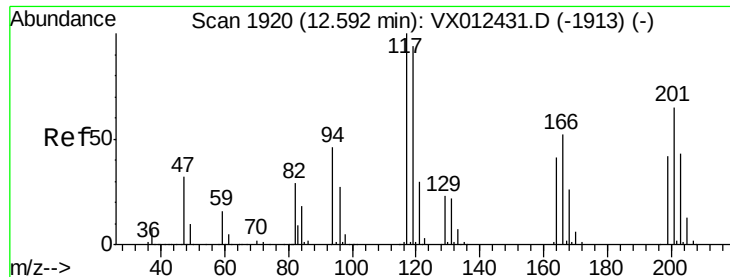


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.210 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

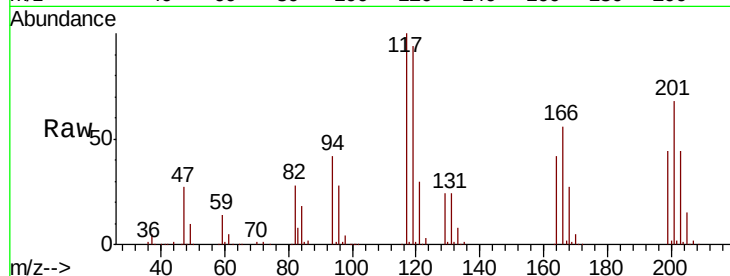
SA-SW201-20190926MSD

Tot Ion:117 Resp: 73090

Ion Ratio Lower Upper

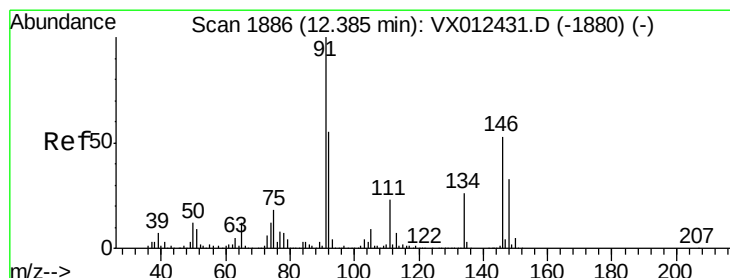
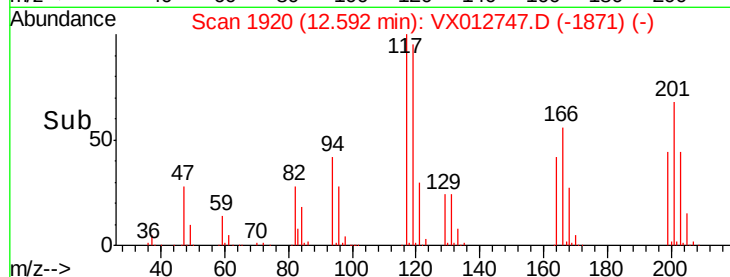
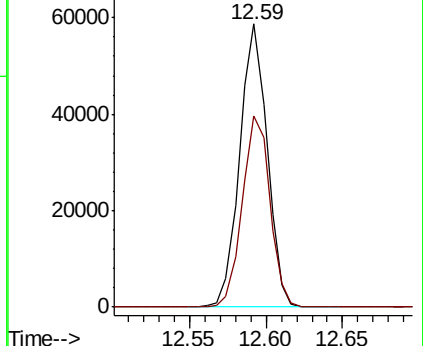
117 100

201 68.2 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.523 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

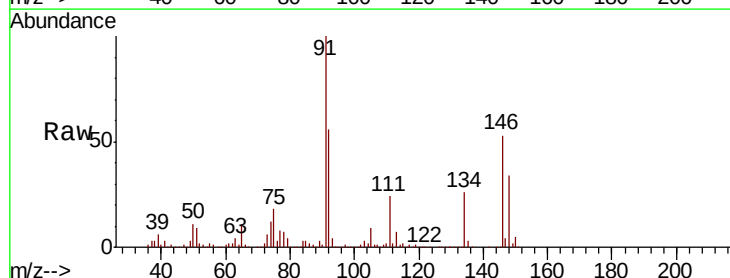
Tgt Ion:146 Resp: 202278

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.1

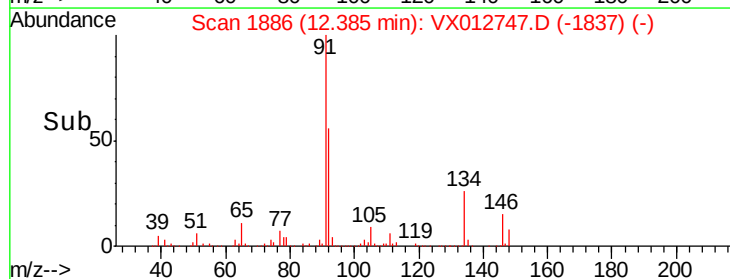
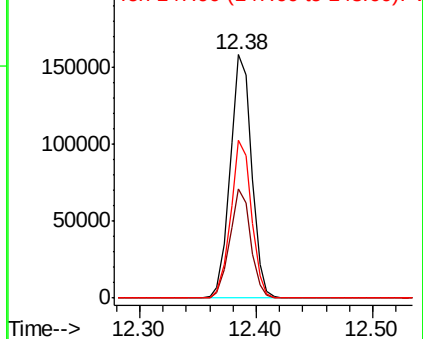
148 63.3 31.3 93.9

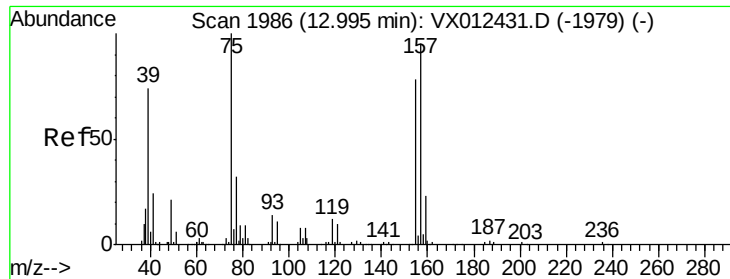


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.924 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

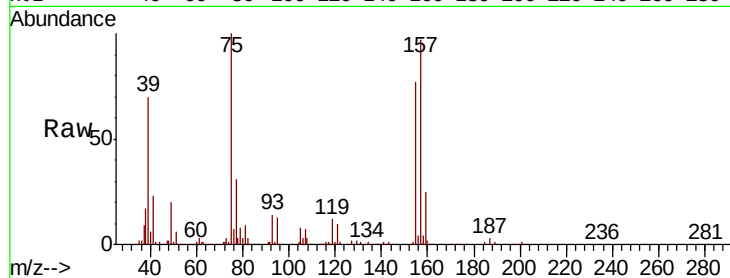
Tot Ion: 75 Resp: 39769

Ion Ratio Lower Upper

75 100

155 80.4 38.6 115.8

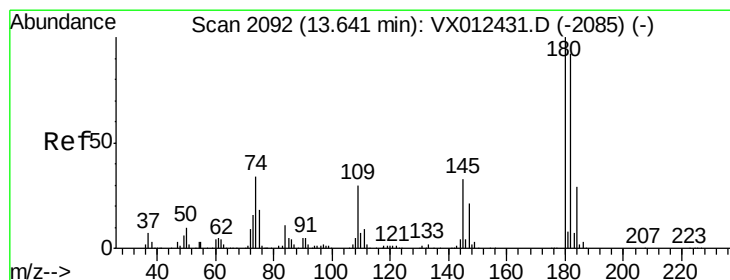
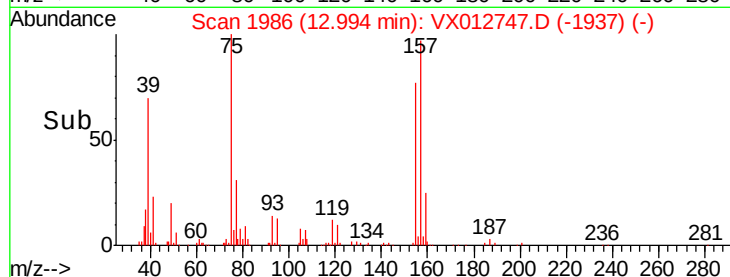
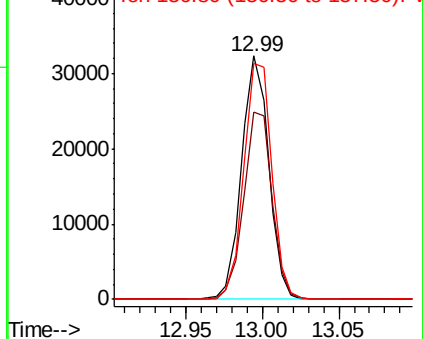
157 100.6 50.6 151.9



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: 48.525 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

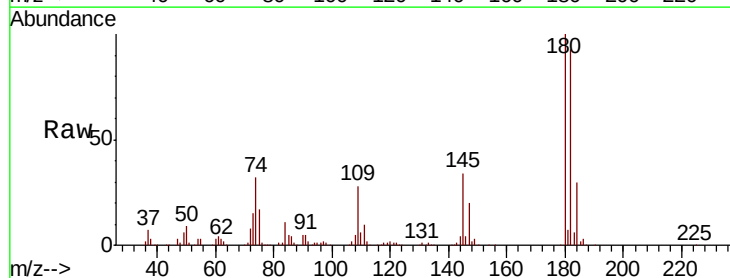
Tgt Ion:180 Resp: 120875

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.0

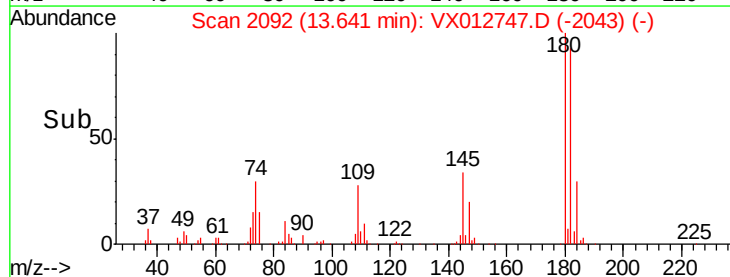
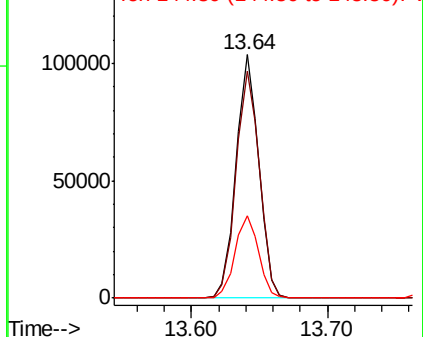
145 35.0 16.8 50.4

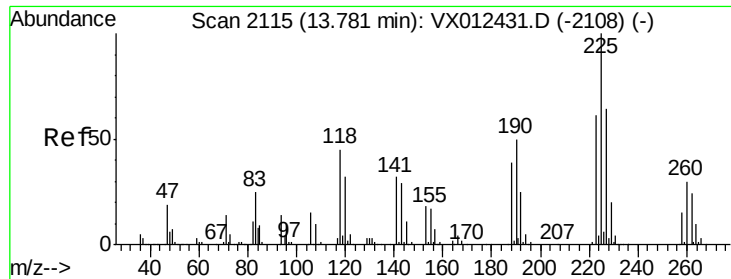


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 49.108 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MSD

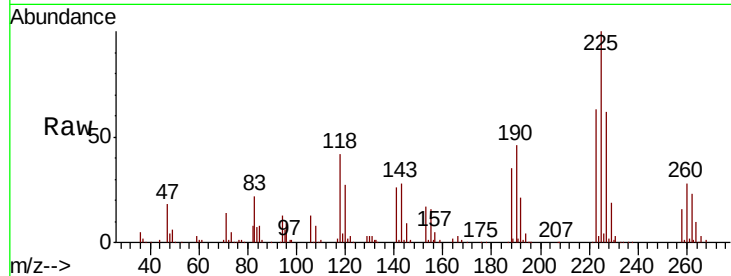
Tot Ion:225 Resp: 52625

Ion Ratio Lower Upper

225 100

223 63.3 32.0 96.2

227 63.9 31.9 95.5

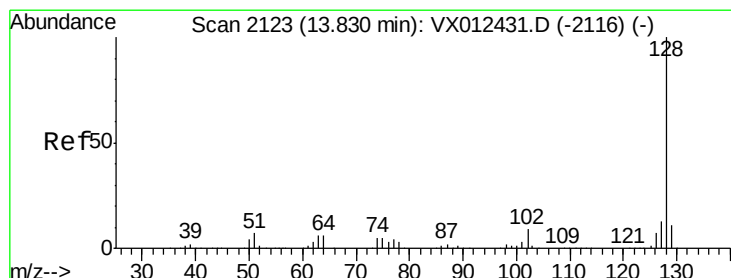
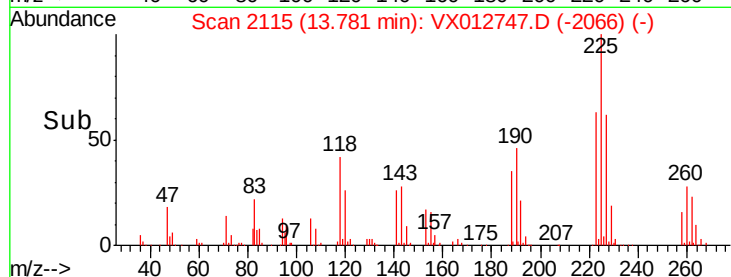
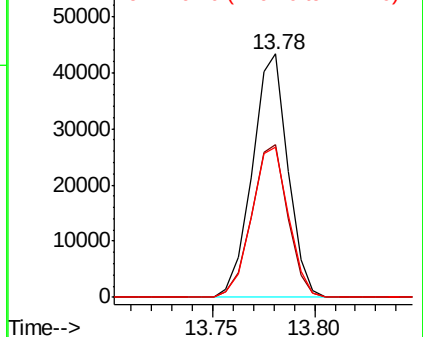


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.495 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012747.D

Acq: 01 Oct 2019 20:42

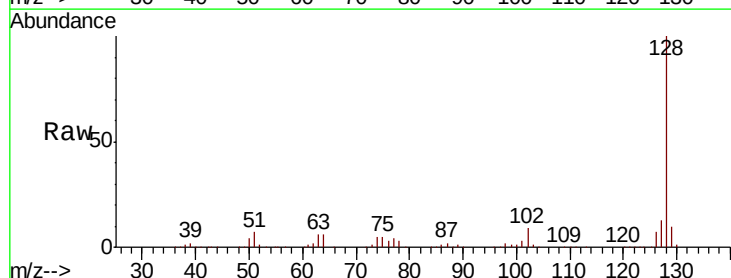
Tgt Ion:128 Resp: 455083

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.8 13.2

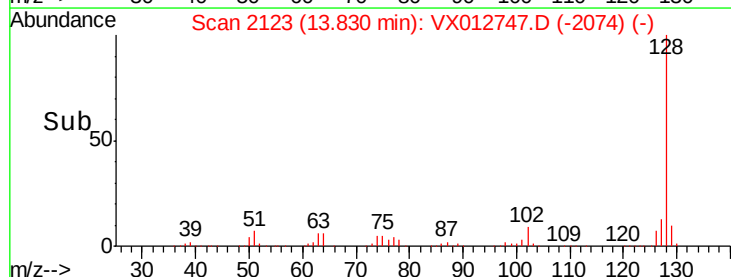
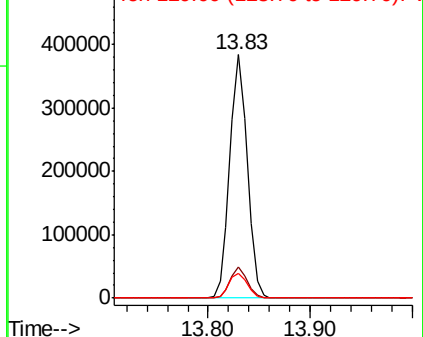


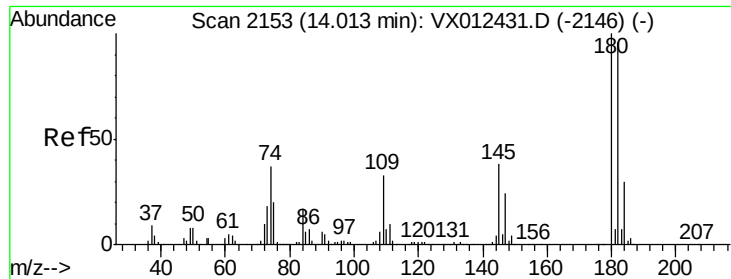
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

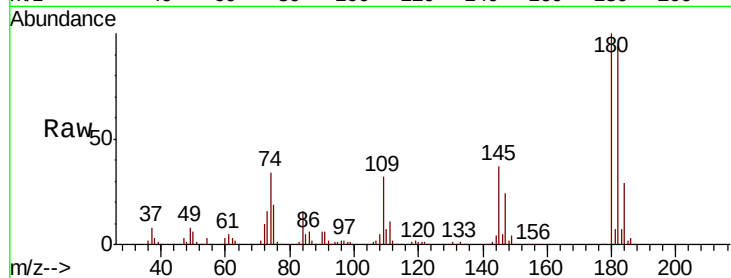




#96
 1,2,3-Trichlorobenzene
 Concen: 50.754 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012747.D
 Acq: 01 Oct 2019 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.3
145	35.6	18.0	54.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

