

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081519\
 Data File : VX011569.D
 Acq On : 15 Aug 2019 20:01
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

Quant Time: Aug 16 04:19:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	412639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	569856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	512557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	282053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	177076	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	5.49	113	171284	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	8.71	98	546081	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.13	95	229428	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	218357	53.835	ug/l	99
3) Chloromethane	1.32	50	193579	45.951	ug/l	99
4) Vinyl Chloride	1.40	62	189066	49.683	ug/l	99
5) Bromomethane	1.63	94	88729	52.036	ug/l	99
6) Chloroethane	1.71	64	87402	48.528	ug/l	98
7) Trichlorofluoromethane	1.92	101	262736	49.846	ug/l	96
8) Diethyl Ether	2.18	74	90680	50.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	174681	47.980	ug/l	99
10) Methyl Iodide	2.50	142	284492	54.854	ug/l	99
11) Tert butyl alcohol	3.04	59	242260	258.054	ug/l	98
12) 1,1-Dichloroethene	2.37	96	171401	48.716	ug/l	94
13) Acrolein	2.29	56	69624	241.464	ug/l	100
14) Allyl chloride	2.72	41	291042	49.727	ug/l	98
15) Acrylonitrile	3.14	53	540748	251.672	ug/l	100
16) Acetone	2.43	43	459111	238.607	ug/l	99
17) Carbon Disulfide	2.56	76	425845	51.365	ug/l	99
18) Methyl Acetate	2.76	43	302348	50.667	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	581387	50.737	ug/l	98
20) Methylene Chloride	2.85	84	190425	47.135	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	182253	48.881	ug/l	97
22) Diisopropyl ether	3.85	45	580140	49.772	ug/l	100
23) Vinyl Acetate	3.81	43	2374268	257.235	ug/l	100
24) 1,1-Dichloroethane	3.69	63	321784	48.829	ug/l	100
25) 2-Butanone	4.67	43	756393	250.402	ug/l	98
26) 2,2-Dichloropropane	4.57	77	239241	48.234	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	213344	49.084	ug/l	99
28) Bromochloromethane	5.01	49	145474	50.286	ug/l	99
29) Tetrahydrofuran	5.12	42	498744	251.700	ug/l	99
30) Chloroform	5.20	83	334916	48.156	ug/l	98
31) Cyclohexane	5.57	56	286290	50.457	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	300098	50.182	ug/l	99
36) 1,1-Dichloropropene	5.79	75	244110	50.103	ug/l	99
37) Ethyl Acetate	4.82	43	282760	50.457	ug/l	99
38) Carbon Tetrachloride	5.77	117	268596	50.038	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081519\
 Data File : VX011569.D
 Acq On : 15 Aug 2019 20:01
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

Quant Time: Aug 16 04:19:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	299607	49.795	ug/l	99
40) Benzene	6.13	78	740111	48.882	ug/l	99
41) Methacrylonitrile	5.04	41	157049	50.920	ug/l	99
42) 1,2-Dichloroethane	6.18	62	259230	49.417	ug/l	99
43) Isopropyl Acetate	6.44	43	441649	50.499	ug/l	100
44) Trichloroethene	7.21	130	223886	49.846	ug/l	96
45) 1,2-Dichloropropane	7.51	63	191448	50.701	ug/l	99
46) Dibromomethane	7.66	93	134214	48.912	ug/l	98
47) Bromodichloromethane	7.90	83	254208	50.456	ug/l	99
48) Methyl methacrylate	7.76	41	224102	51.744	ug/l	99
49) 1,4-Dioxane	7.74	88	115288	1000.821	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1467853	256.422	ug/l	99
52) Toluene	8.78	92	480566	49.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	276591	52.896	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	303165	52.979	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	200167	48.798	ug/l	98
56) Ethyl methacrylate	9.18	69	311162	52.191	ug/l	99
57) 1,3-Dichloropropane	9.37	76	322510	49.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	768435	258.678	ug/l	100
59) 2-Hexanone	9.49	43	1140079	258.265	ug/l	100
60) Dibromochloromethane	9.58	129	227761	53.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	219544	50.149	ug/l	100
64) Tetrachloroethene	9.34	164	213320	50.725	ug/l	96
65) Chlorobenzene	10.13	112	537504	49.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	211916	51.862	ug/l	100
67) Ethyl Benzene	10.25	91	925100	50.704	ug/l	100
68) m/p-Xylenes	10.35	106	723295	103.277	ug/l	99
69) o-Xylene	10.69	106	350397	51.078	ug/l	97
70) Styrene	10.71	104	603533	52.261	ug/l	100
71) Bromoform	10.85	173	185747	46.990	ug/l #	99
73) Isopropylbenzene	11.02	105	940409	51.383	ug/l	100
74) N-amyl acetate	10.90	43	400539	51.498	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	312271	49.599	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	350474	65.529	ug/l	85
77) Bromobenzene	11.26	156	276542	50.787	ug/l	99
78) n-propylbenzene	11.36	91	1035141	52.452	ug/l	100
79) 2-Chlorotoluene	11.42	91	621037	51.248	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	794952	51.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	96071	48.780	ug/l	98
82) 4-Chlorotoluene	11.51	91	724435	51.528	ug/l	99
83) tert-Butylbenzene	11.77	119	810829	51.782	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	810347	52.502	ug/l	99
85) sec-Butylbenzene	11.94	105	918513	51.992	ug/l	100
86) p-Isopropyltoluene	12.06	119	877272	52.784	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	473192	50.558	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	477247	50.310	ug/l	99
89) n-Butylbenzene	12.38	91	725274	53.079	ug/l	100
90) Hexachloroethane	12.59	117	138819	52.892	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	475021	50.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72450	50.299	ug/l	99

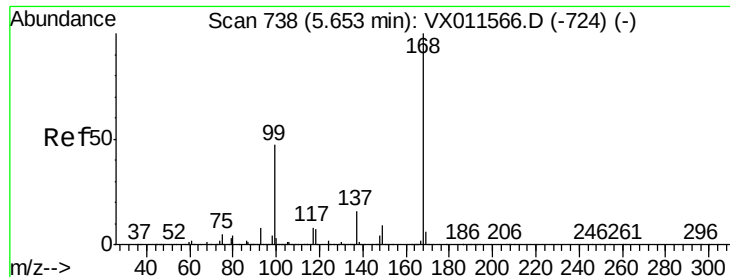
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081519\
Data File : VX011569.D
Acq On : 15 Aug 2019 20:01
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

Quant Time: Aug 16 04:19:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	370701	52.954	ug/l	100
94) Hexachlorobutadiene	13.78	225	194645	51.063	ug/l	99
95) Naphthalene	13.83	128	1074533	54.295	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	374694	53.067	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

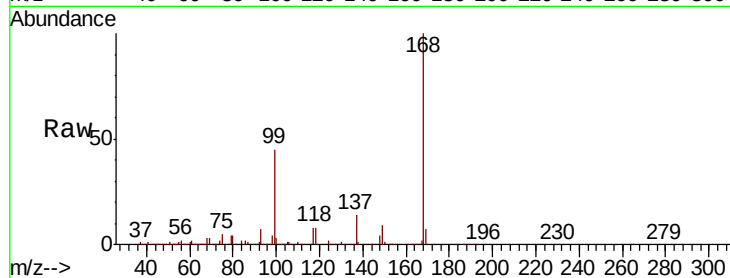
ICVVX081519

Tgt Ion:168 Resp: 412639

Ion Ratio Lower Upper

168 100

99 44.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

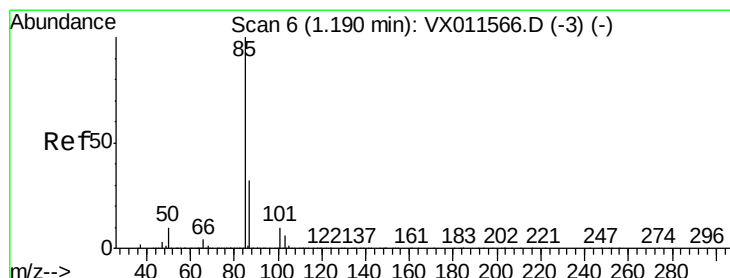
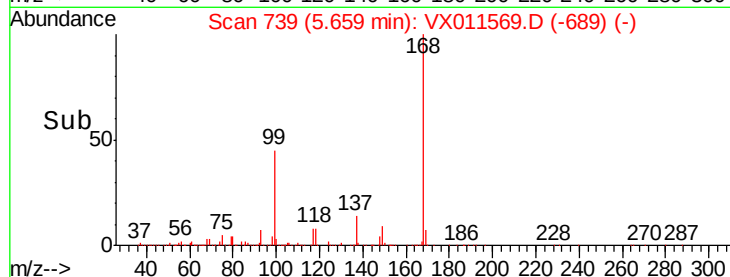
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.835 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011569.D

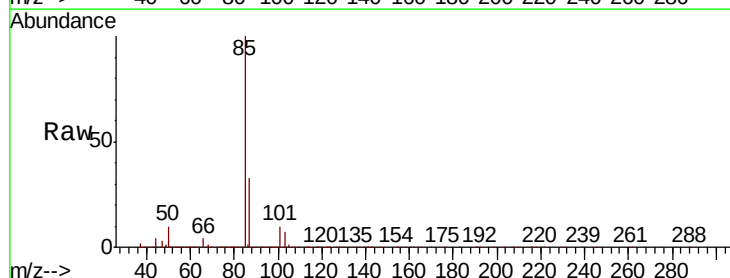
Acq: 15 Aug 2019 20:01

Tgt Ion: 85 Resp: 218357

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

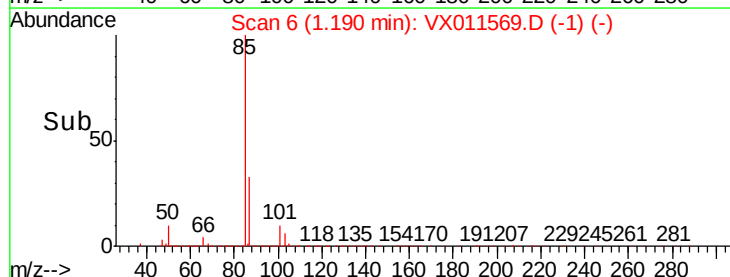
100000

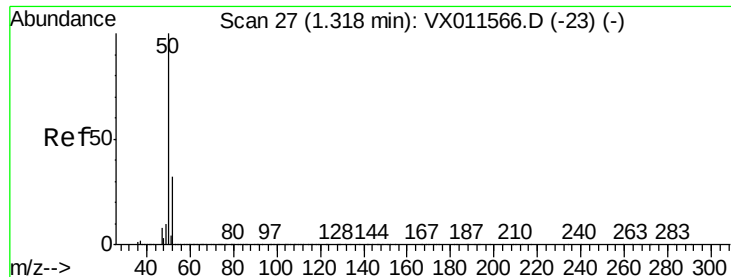
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.951 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

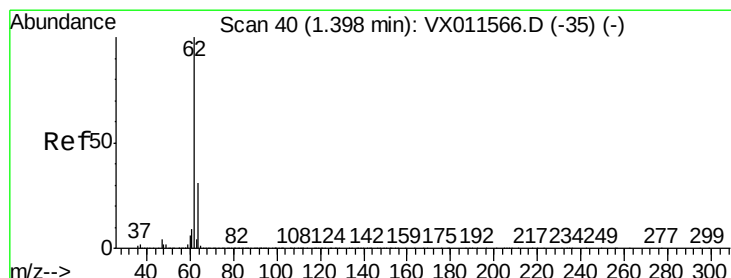
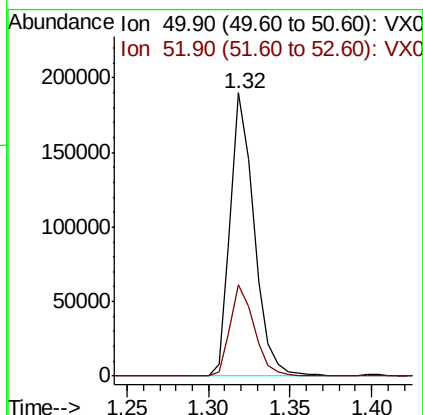
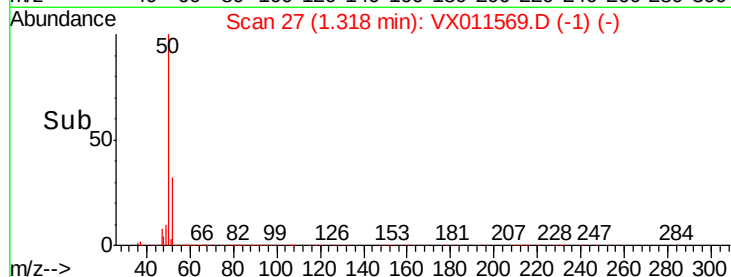
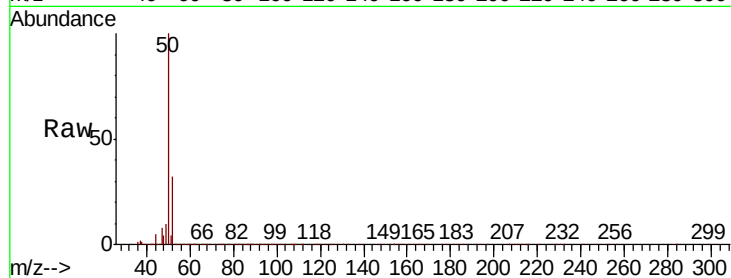
ICVVX081519

Tgt Ion: 50 Resp: 193579

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 49.683 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011569.D

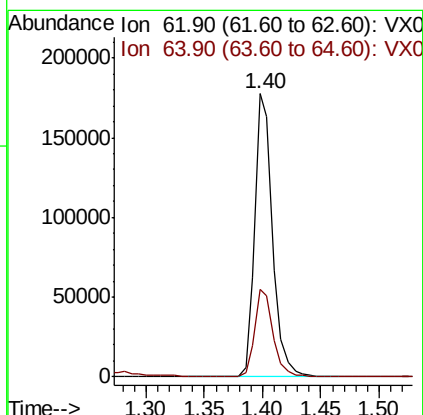
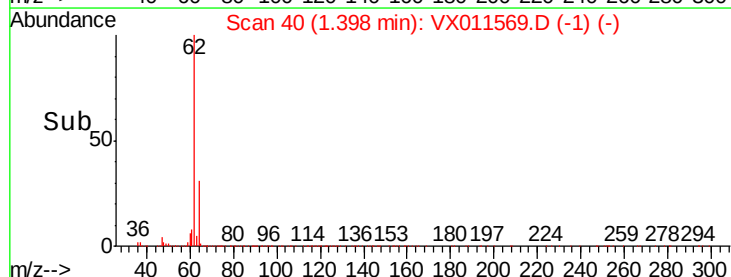
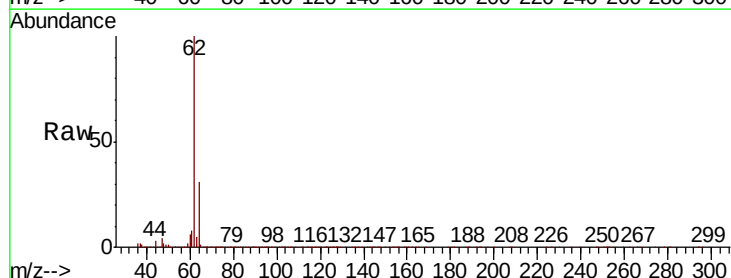
Acq: 15 Aug 2019 20:01

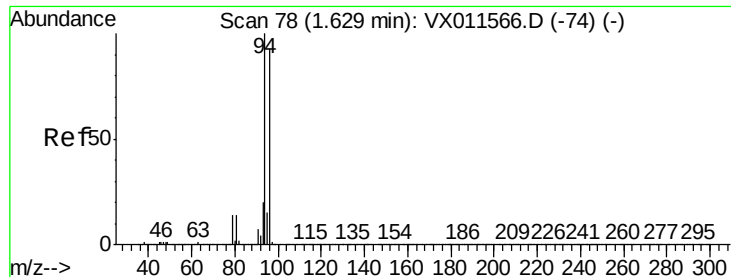
Tgt Ion: 62 Resp: 189066

Ion Ratio Lower Upper

62 100

64 30.8 25.0 37.4





#5

Bromomethane

Concen: 52.036 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

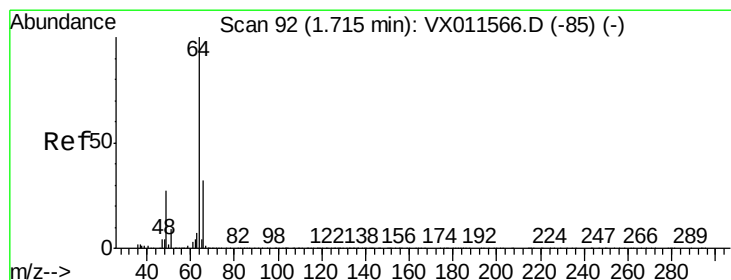
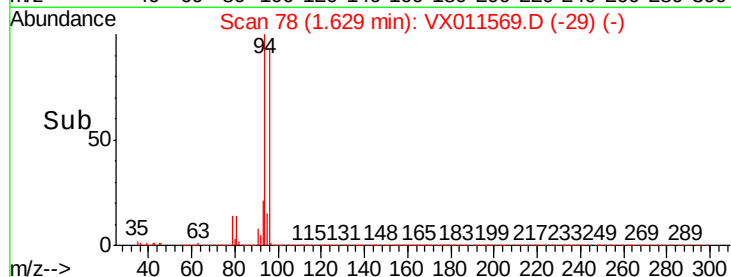
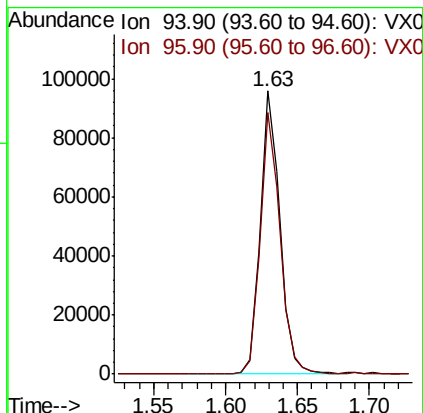
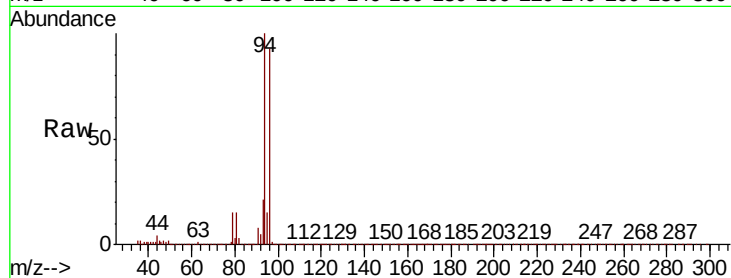
ICVVX081519

Tgt Ion: 94 Resp: 88729

Ion Ratio Lower Upper

94 100

96 92.6 74.8 112.2



#6

Chloroethane

Concen: 48.528 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011569.D

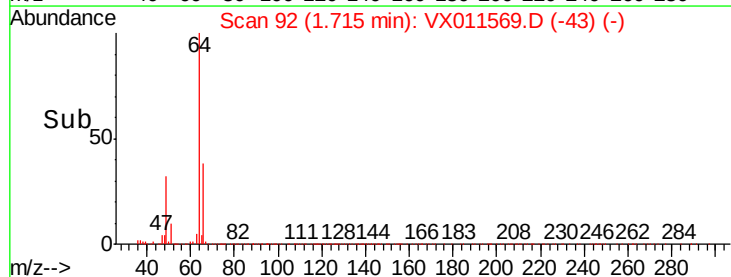
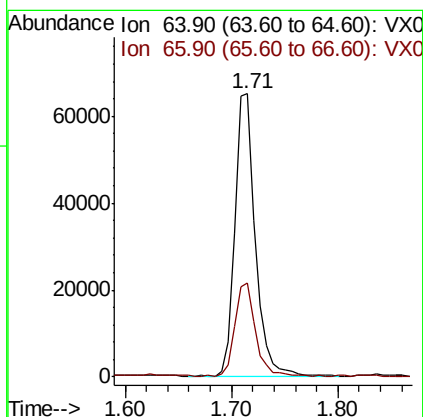
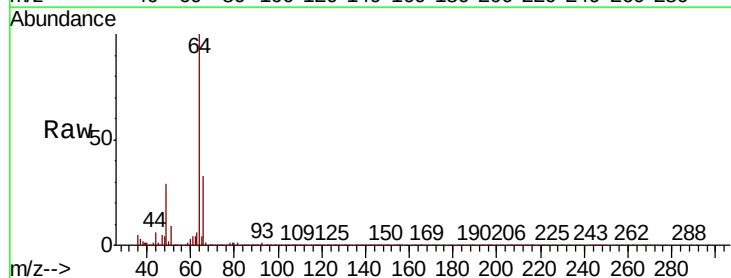
Acq: 15 Aug 2019 20:01

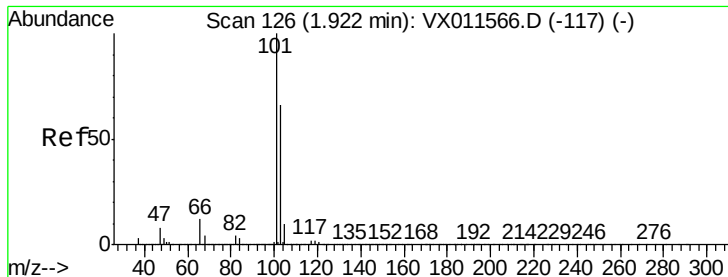
Tgt Ion: 64 Resp: 87402

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9



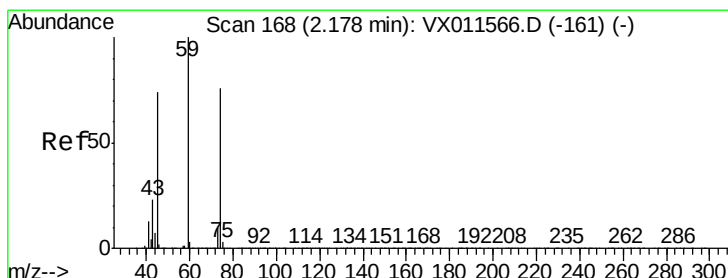
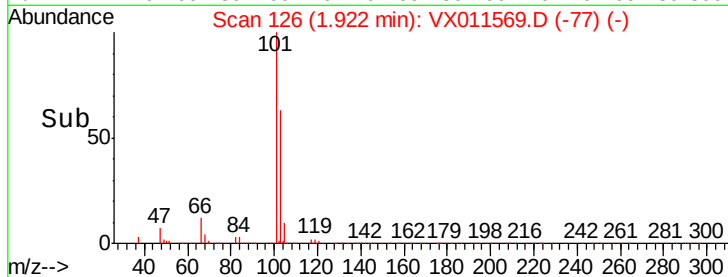
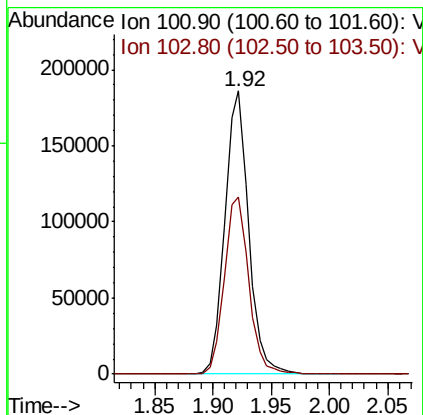
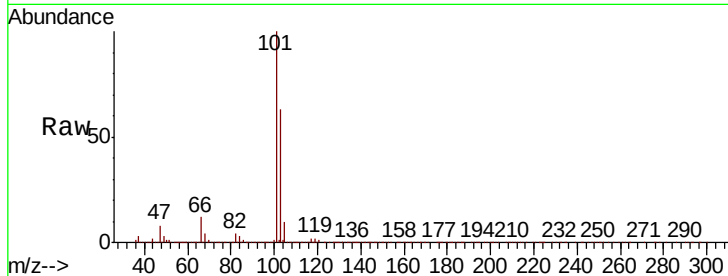


#7

Trichlorofluoromethane
Concen: 49.846 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

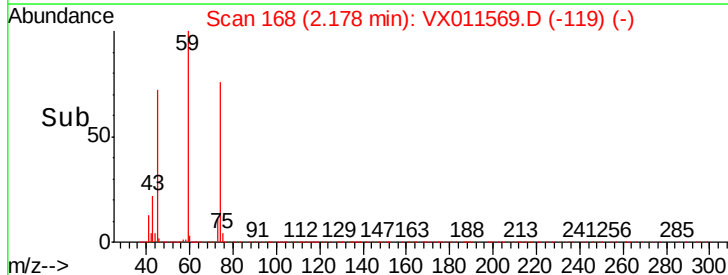
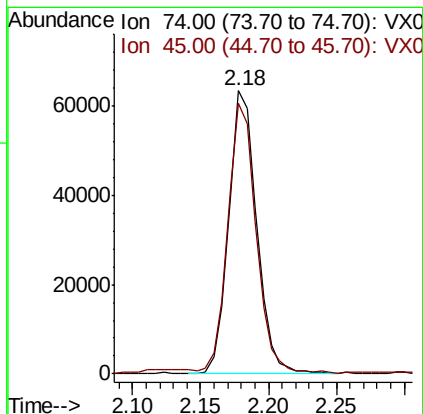
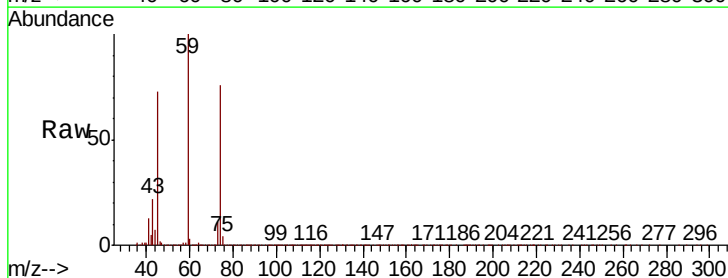
Tgt Ion: 101 Resp: 262736
Ion Ratio Lower Upper
101 100
103 62.6 52.9 79.3

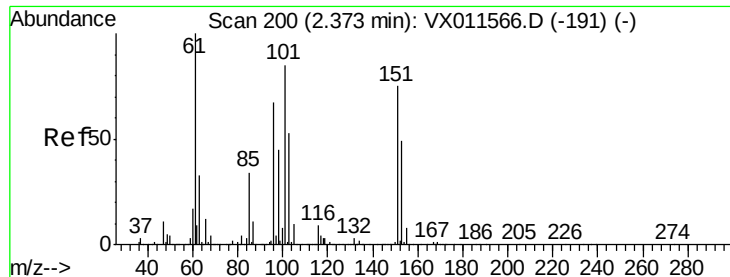


#8

Diethyl Ether
Concen: 50.152 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 74 Resp: 90680
Ion Ratio Lower Upper
74 100
45 95.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.980 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

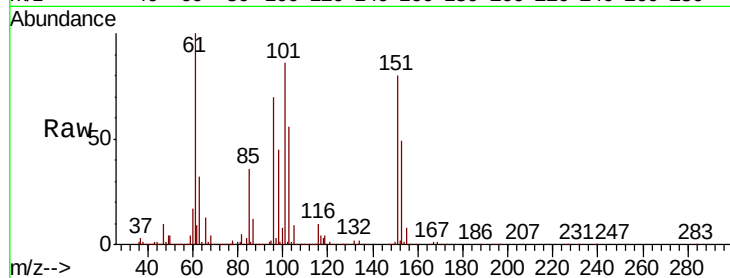
Tgt Ion:101 Resp: 174681

Ion Ratio Lower Upper

101 100

85 41.4 33.0 49.4

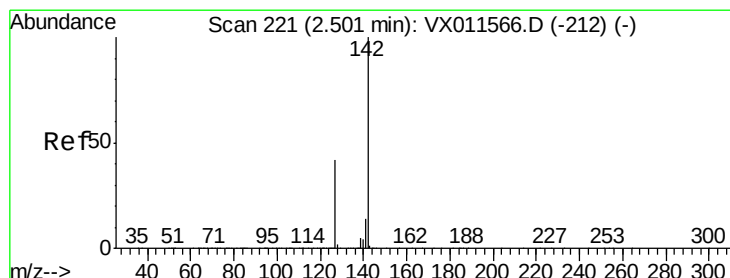
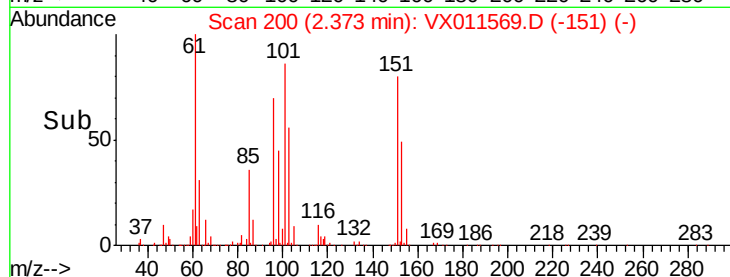
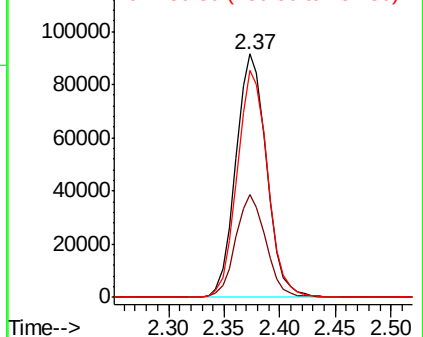
151 92.8 73.3 109.9



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: 54.854 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

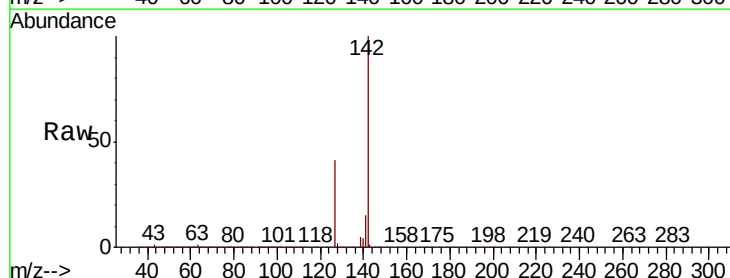
Tgt Ion:142 Resp: 284492

Ion Ratio Lower Upper

142 100

127 40.1 32.8 49.2

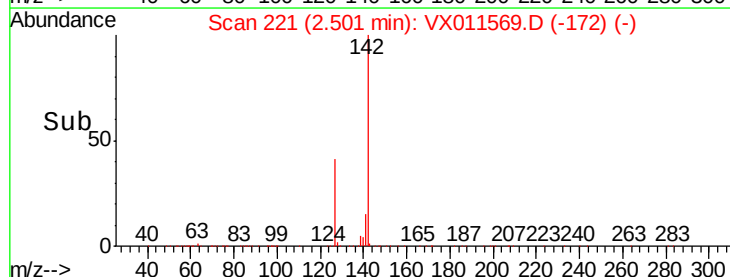
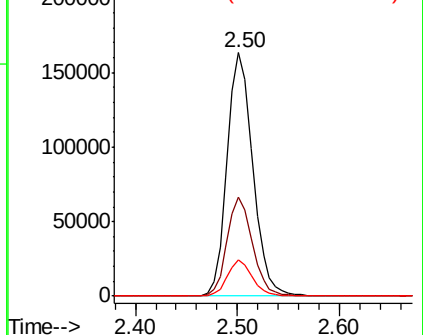
141 14.4 11.4 17.2

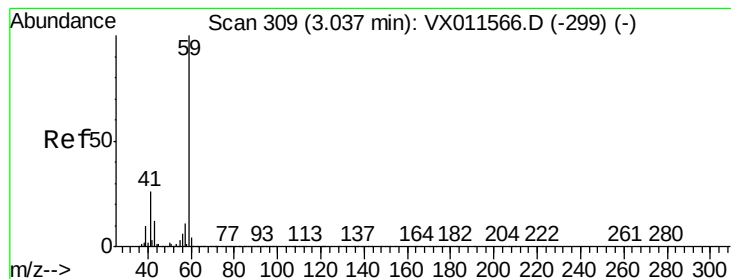


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 258.054 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

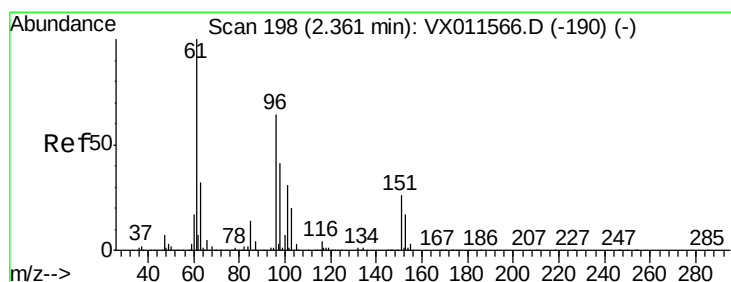
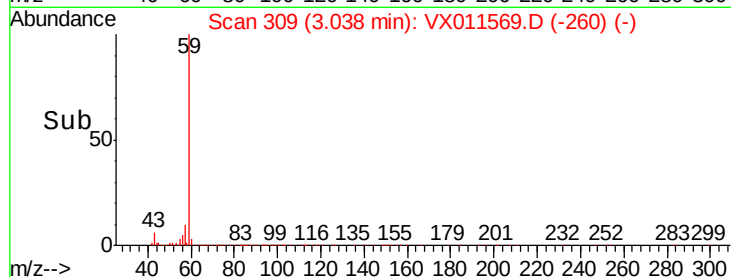
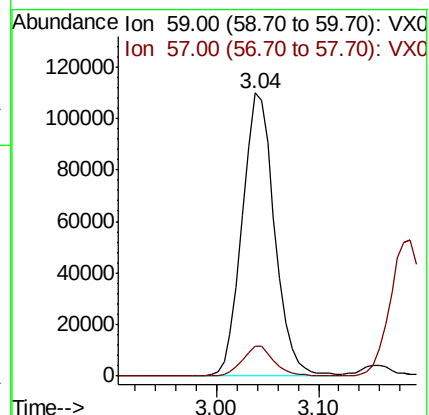
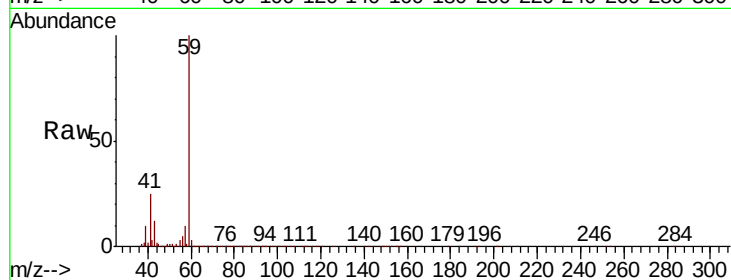
ICVVX081519

Tgt Ion: 59 Resp: 242260

Ion Ratio Lower Upper

59 100

57 10.2 8.7 13.1



#12

1,1-Dichloroethene

Concen: 48.716 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.01 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

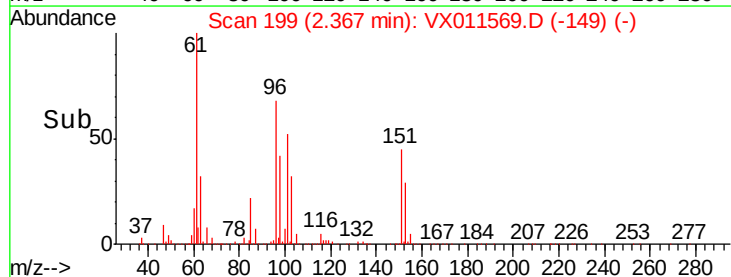
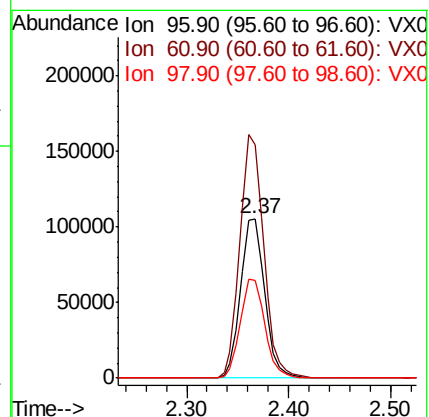
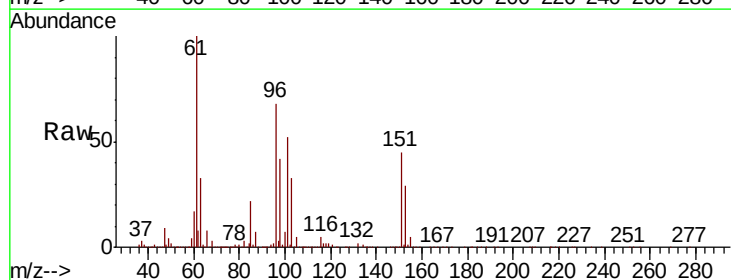
Tgt Ion: 96 Resp: 171401

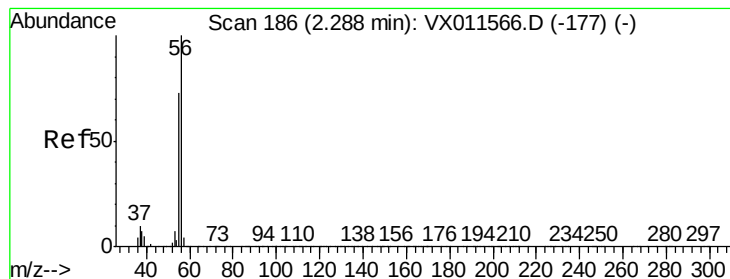
Ion Ratio Lower Upper

96 100

61 146.6 125.0 187.4

98 61.7 51.5 77.3





#13

Acrolein

Concen: 241.464 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

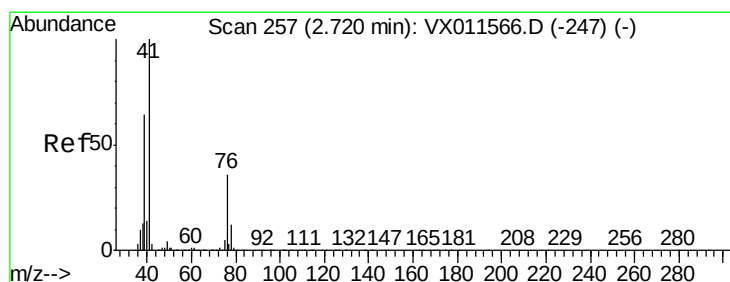
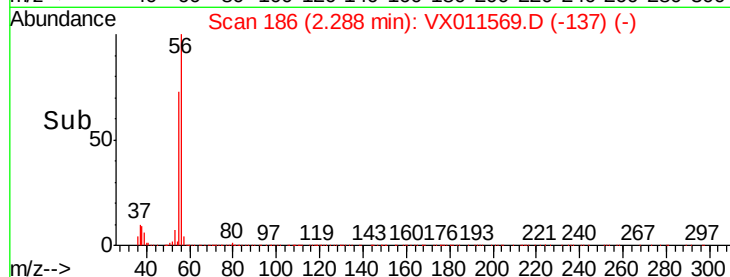
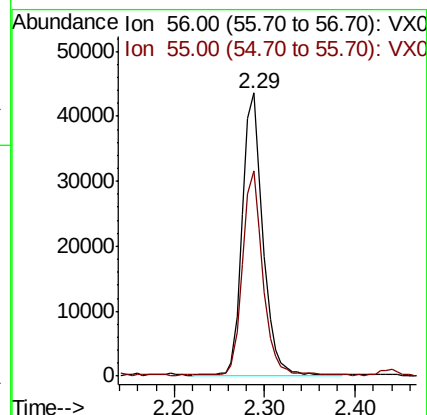
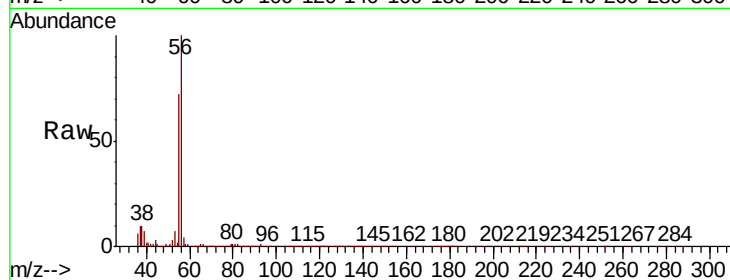
ICVVX081519

Tgt Ion: 56 Resp: 69624

Ion Ratio Lower Upper

56 100

55 69.5 55.5 83.3



#14

Allyl chloride

Concen: 49.727 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

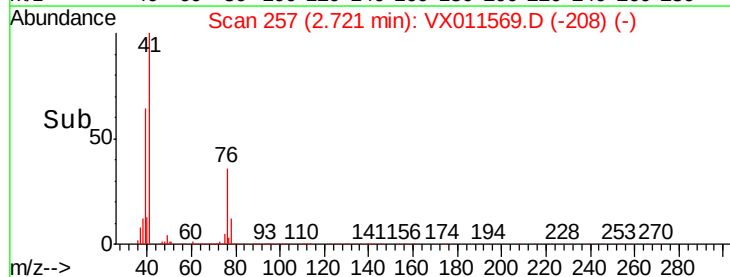
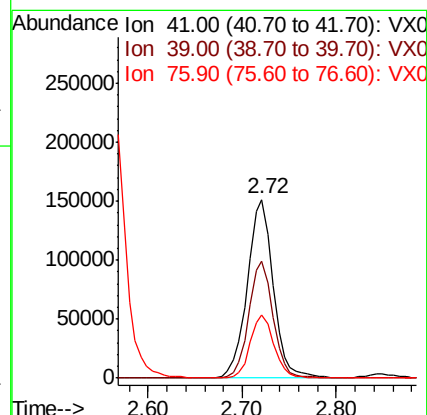
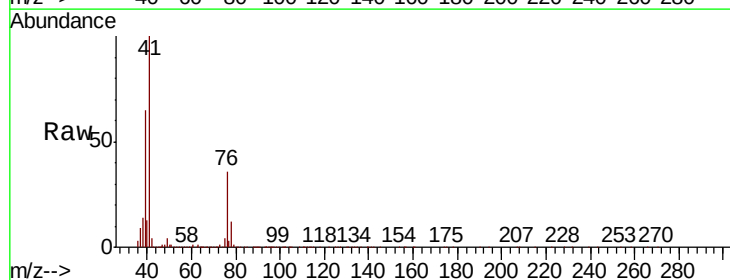
Tgt Ion: 41 Resp: 291042

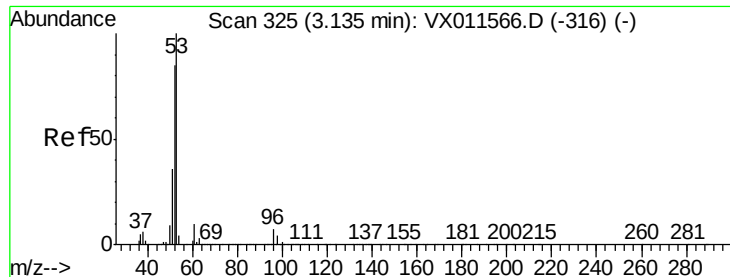
Ion Ratio Lower Upper

41 100

39 60.8 47.5 71.3

76 32.1 26.3 39.5





#15

Acrylonitrile

Concen: 251.672 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

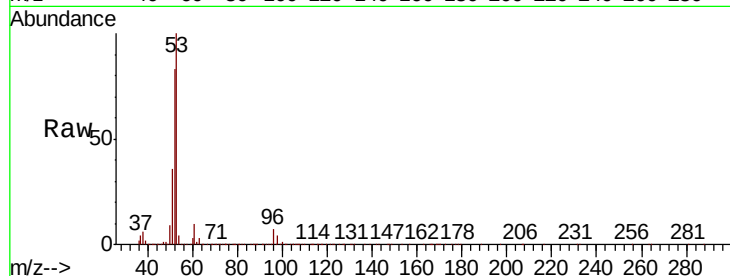
Tgt Ion: 53 Resp: 540748

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

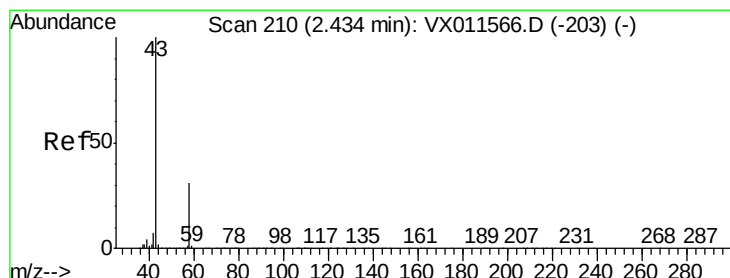
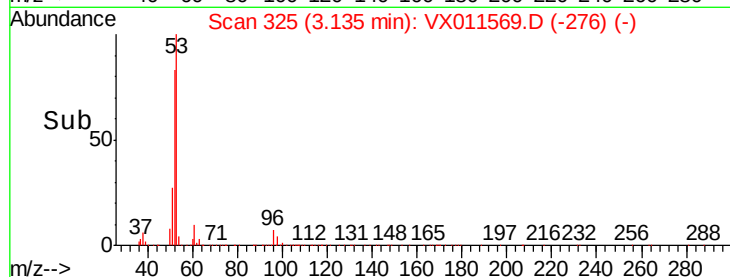
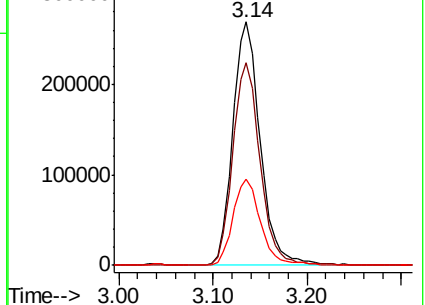
51 36.1 28.7 43.1



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: 238.607 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011569.D

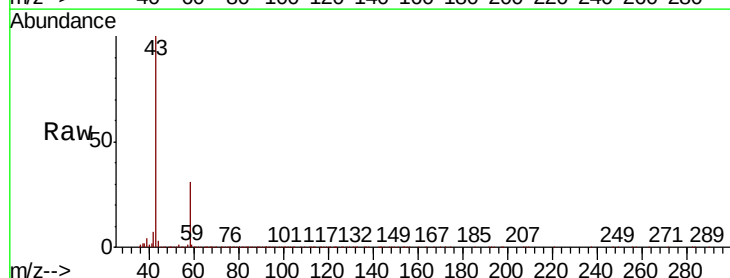
Acq: 15 Aug 2019 20:01

Tgt Ion: 43 Resp: 459111

Ion Ratio Lower Upper

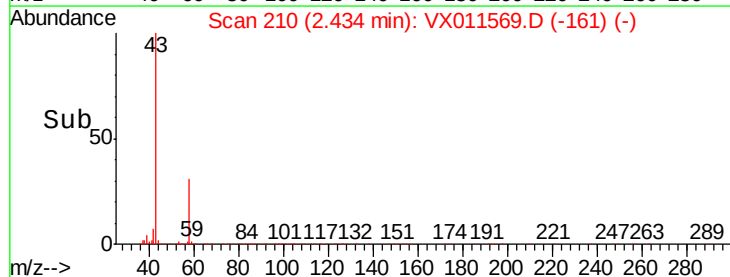
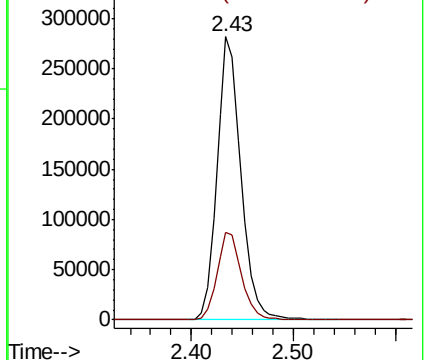
43 100

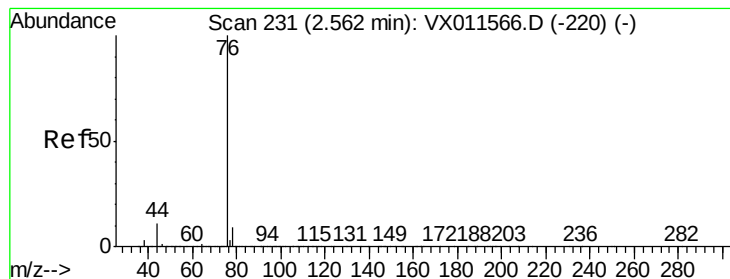
58 30.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.365 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

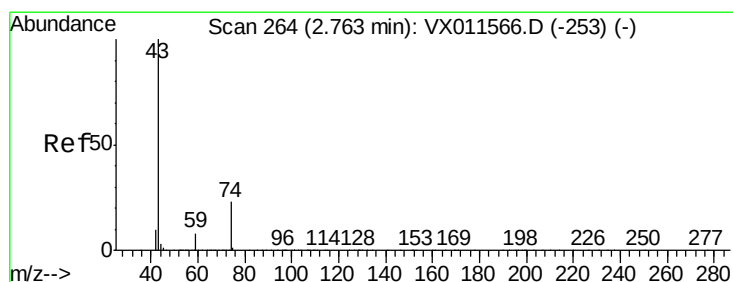
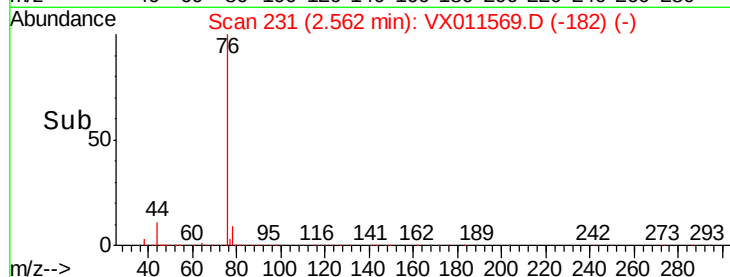
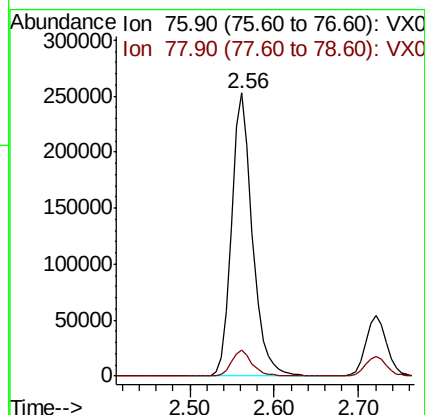
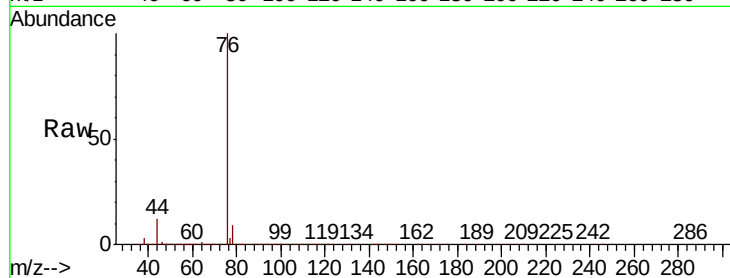
ICVVX081519

Tgt Ion: 76 Resp: 425845

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 50.667 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011569.D

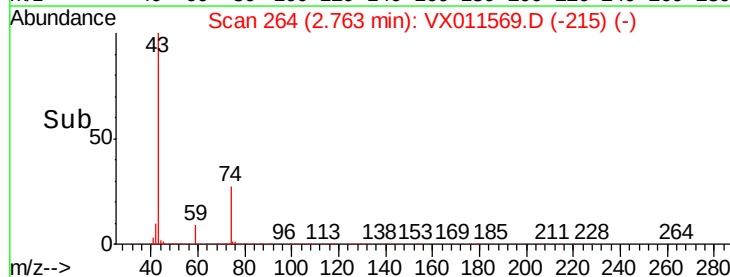
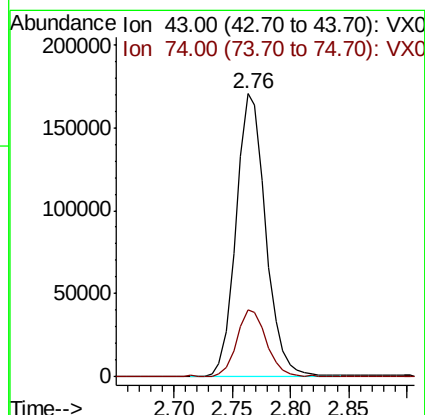
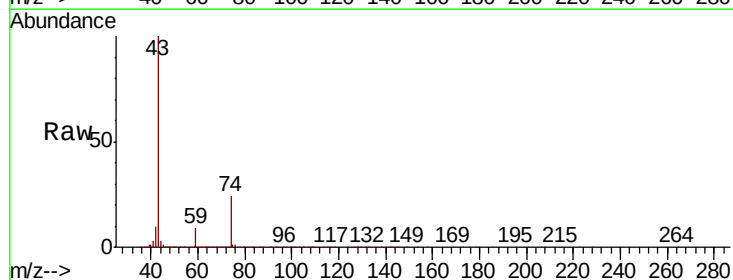
Acq: 15 Aug 2019 20:01

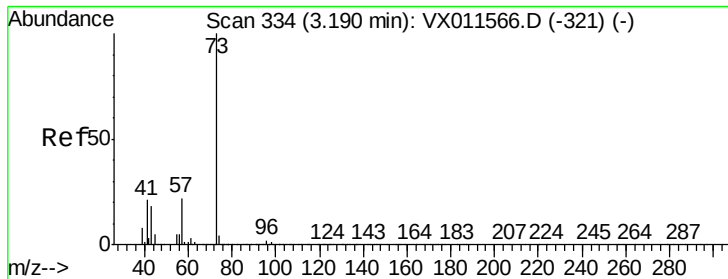
Tgt Ion: 43 Resp: 302348

Ion Ratio Lower Upper

43 100

74 23.3 19.7 29.5

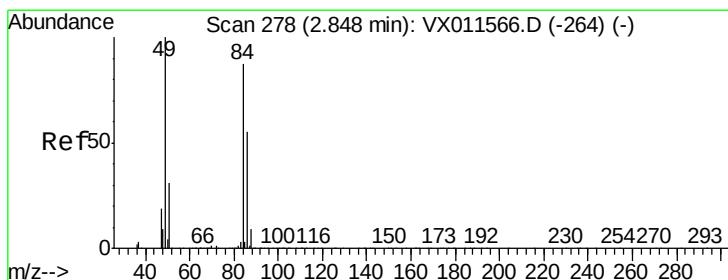
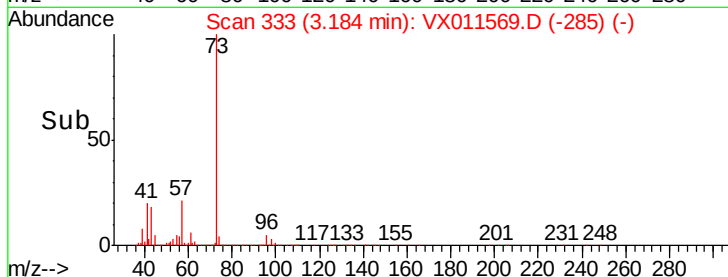
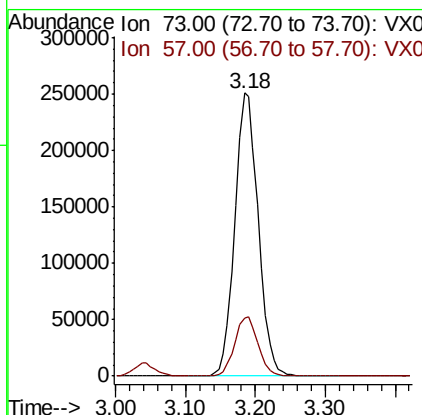
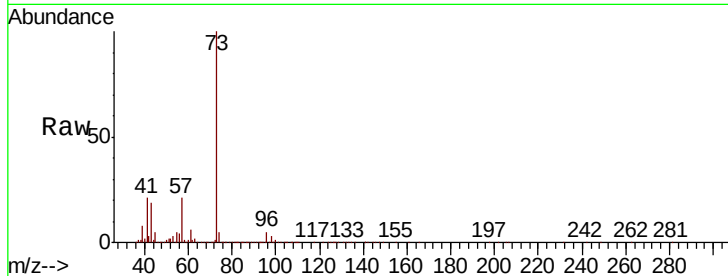




#19
Methyl tert-butyl Ether
Concen: 50.737 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

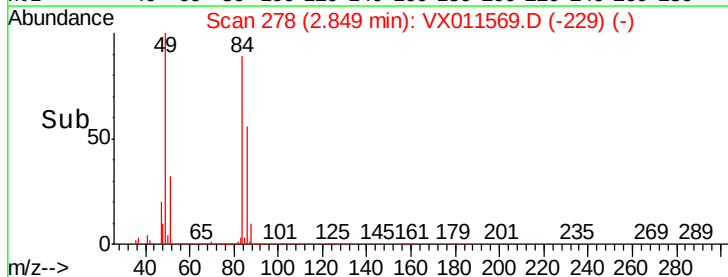
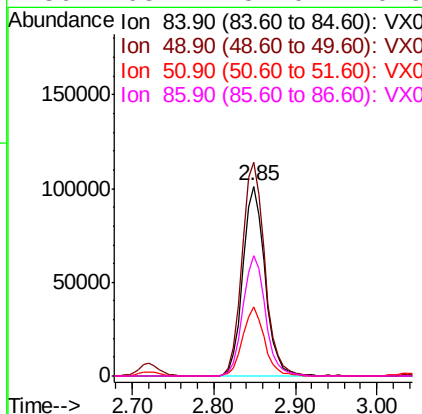
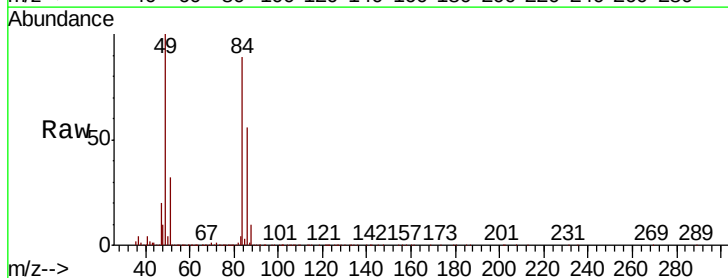
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

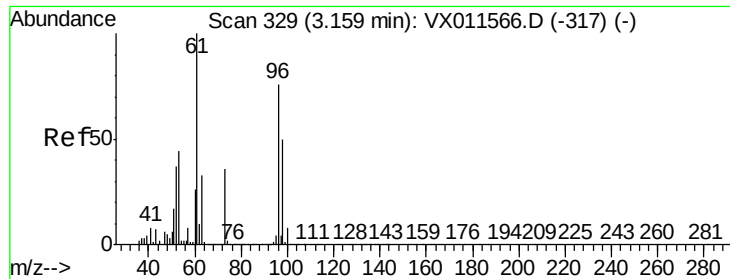
Tgt Ion: 73 Resp: 581387
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 47.135 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 84 Resp: 190425
Ion Ratio Lower Upper
84 100
49 112.6 92.4 138.6
51 36.4 28.5 42.7
86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.881 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

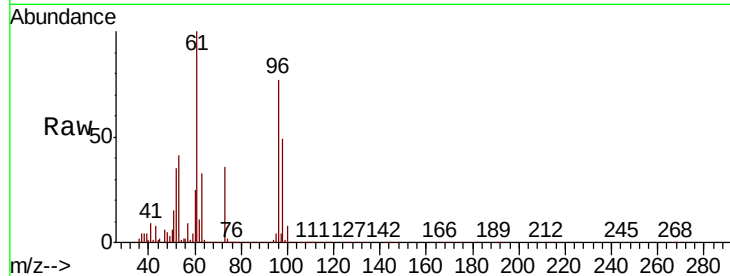
Tgt Ion: 96 Resp: 182253

Ion Ratio Lower Upper

96 100

61 129.0 105.5 158.3

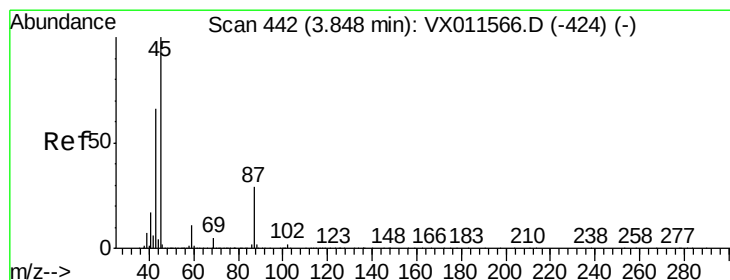
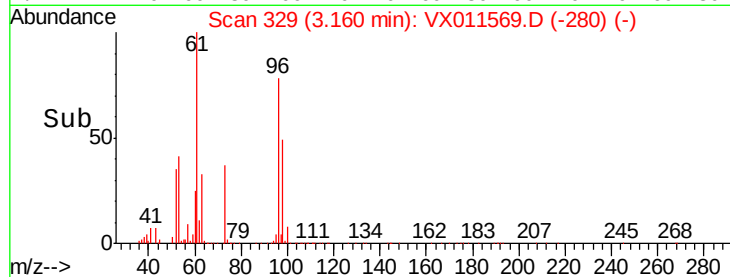
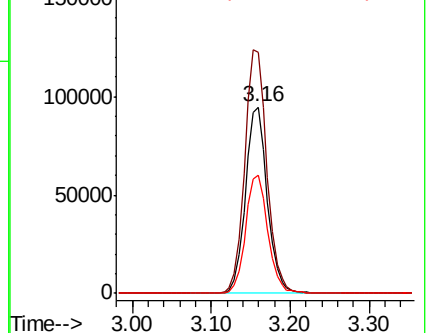
98 63.3 52.6 78.8



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: 49.772 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Tgt Ion: 45 Resp: 580140

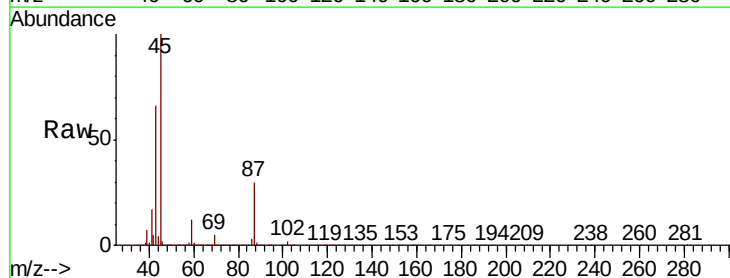
Ion Ratio Lower Upper

45 100

43 66.3 52.7 79.1

87 29.5 23.5 35.3

59 11.5 9.0 13.4

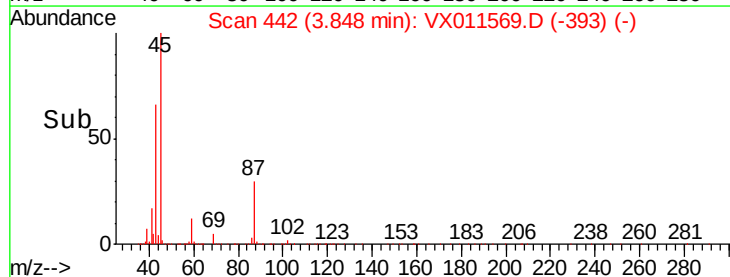
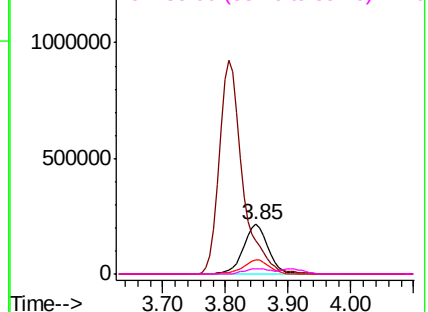


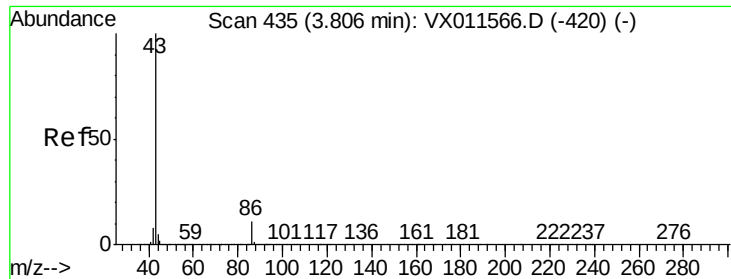
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.235 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

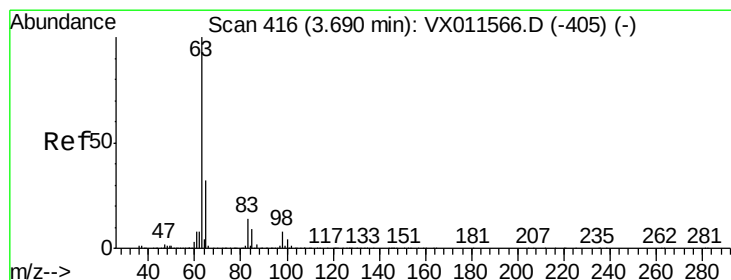
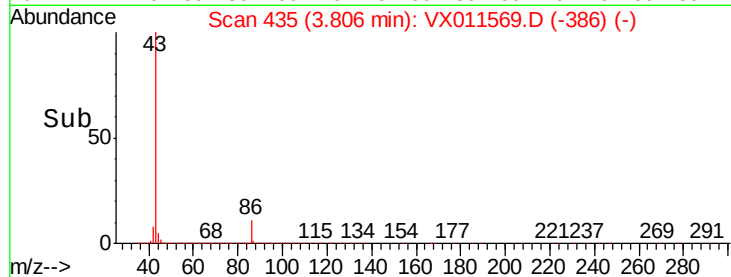
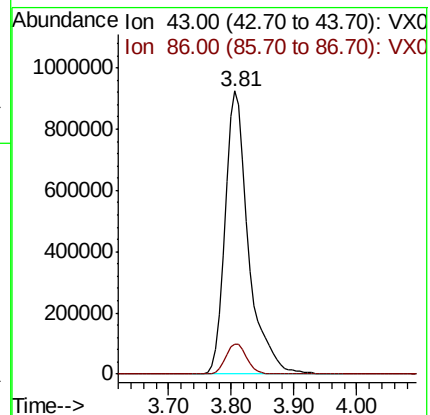
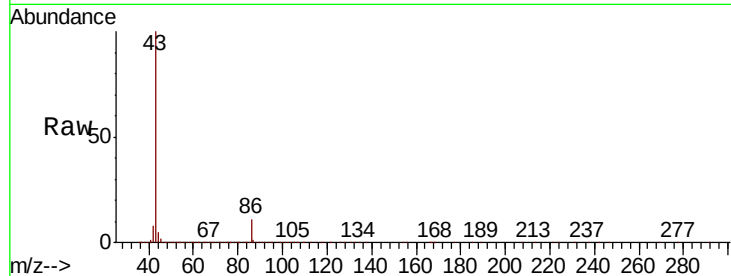
ICVVX081519

Tgt Ion: 43 Resp: 2374268

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.829 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

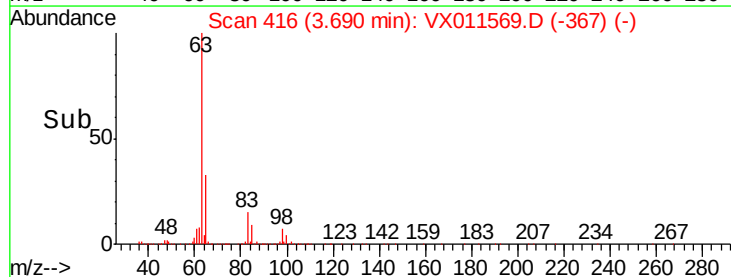
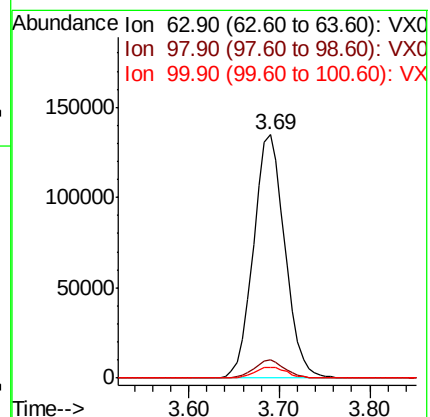
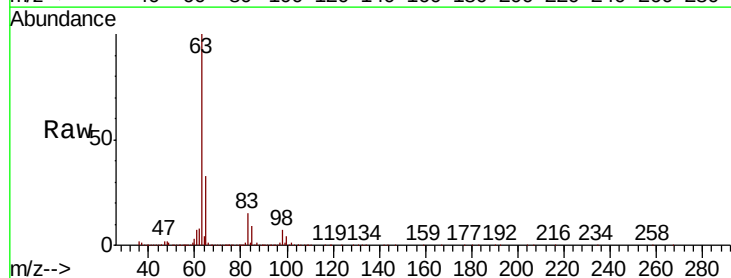
Tgt Ion: 63 Resp: 321784

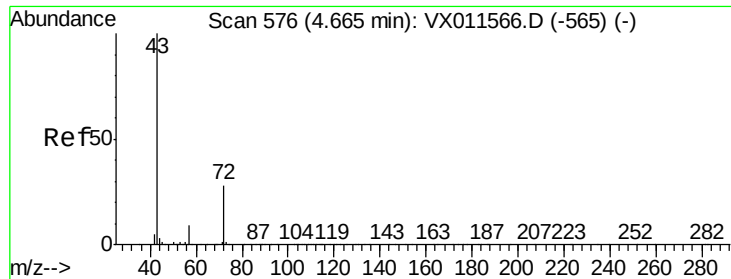
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 250.402 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

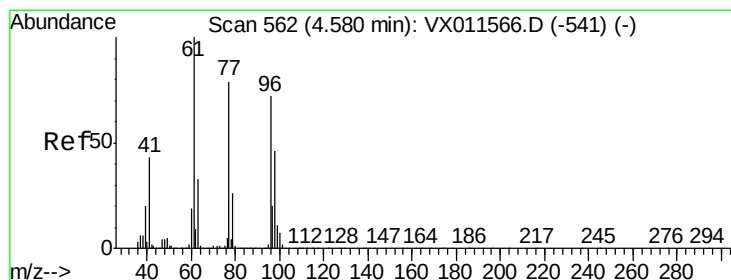
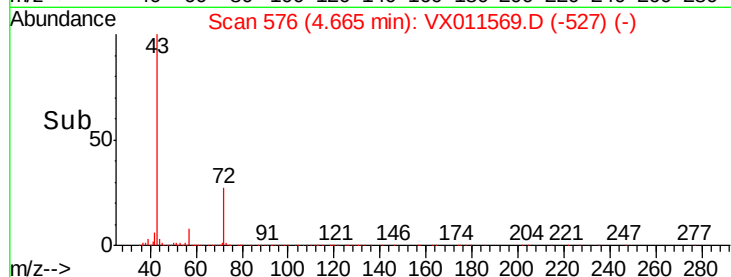
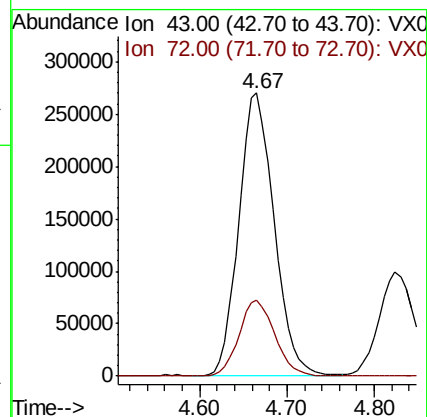
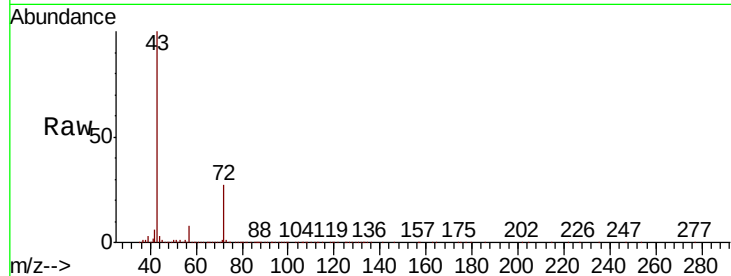
ICVVX081519

Tgt Ion: 43 Resp: 756393

Ion Ratio Lower Upper

43 100

72 26.6 22.2 33.4



#26

2,2-Dichloropropane

Concen: 48.234 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011569.D

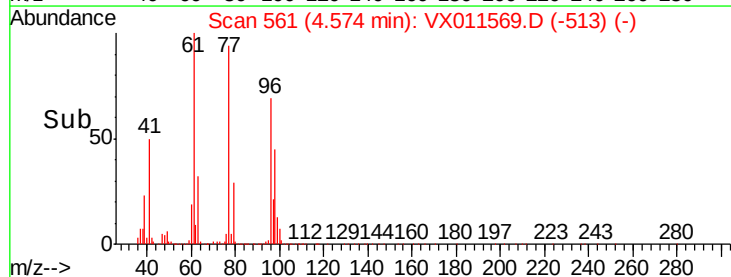
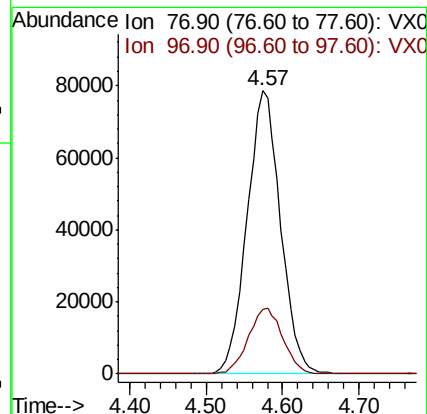
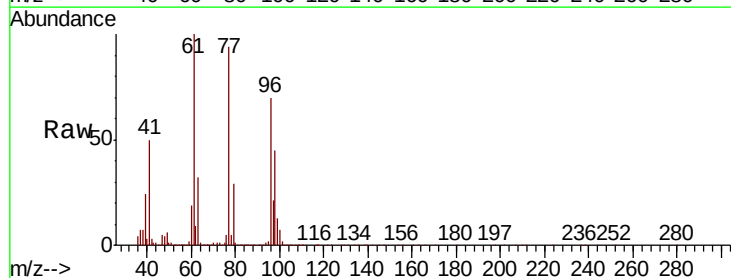
Acq: 15 Aug 2019 20:01

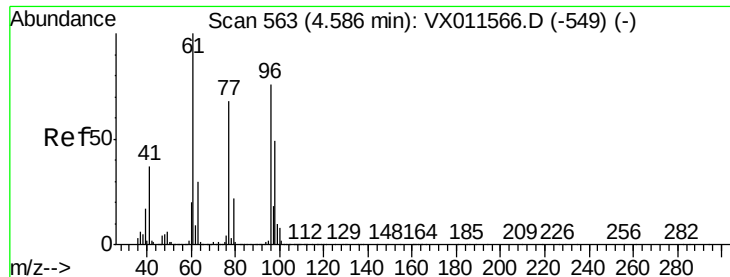
Tgt Ion: 77 Resp: 239241

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.2



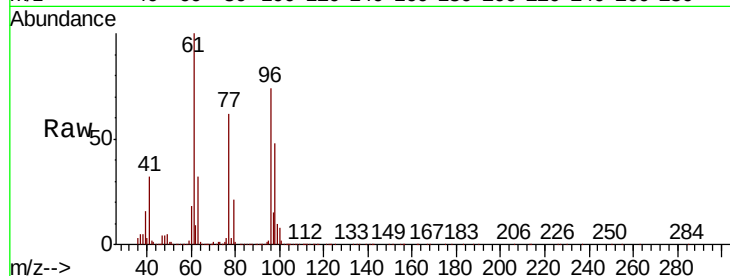


#27

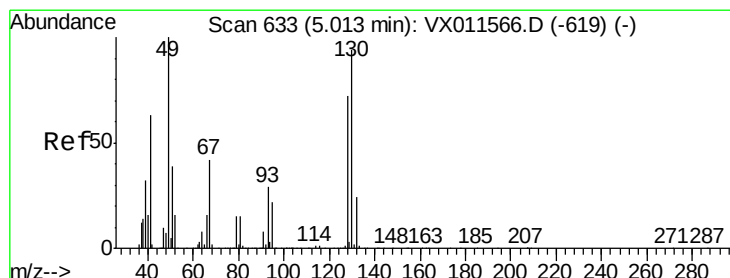
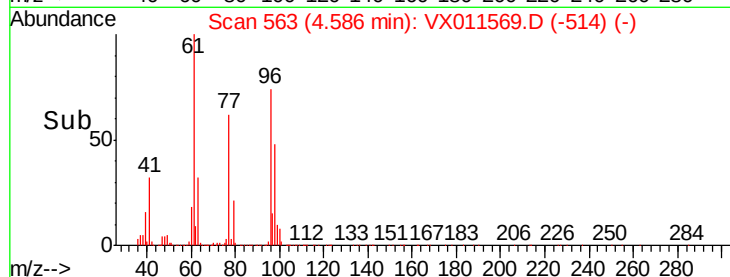
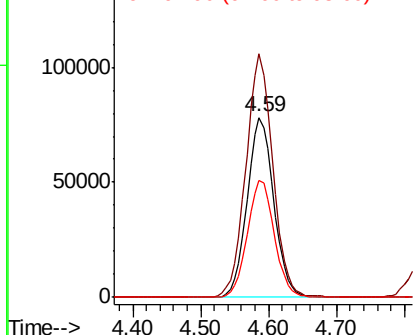
cis-1,2-Dichloroethene
Concen: 49.084 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

Tgt Ion: 96 Resp: 213344
Ion Ratio Lower Upper
96 100
61 136.4 0.0 272.6
98 65.8 0.0 129.4



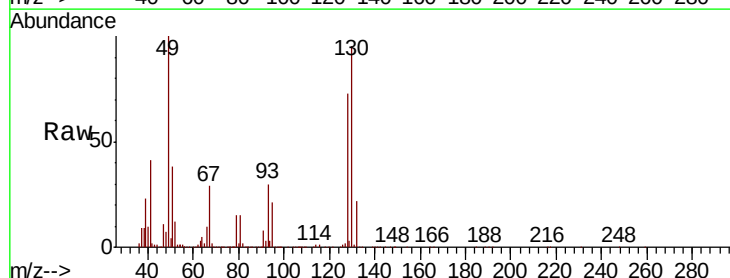
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



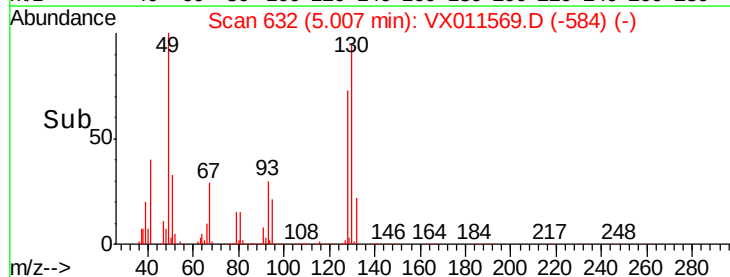
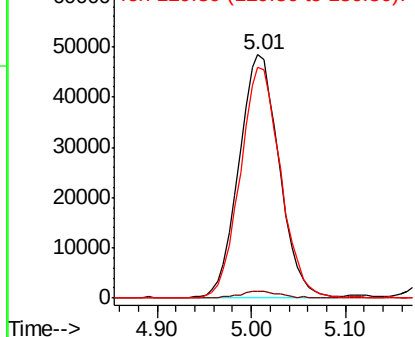
#28

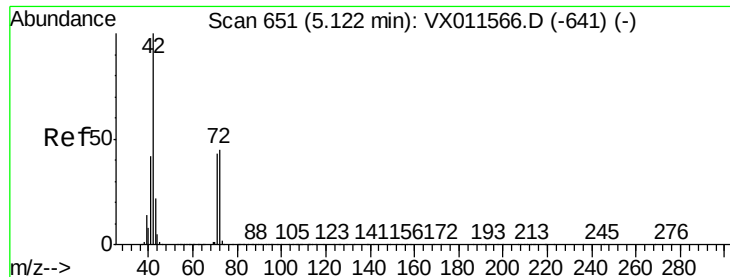
Bromochloromethane
Concen: 50.286 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 49 Resp: 145474
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.0
130 94.5 76.6 115.0



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: 251.700 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

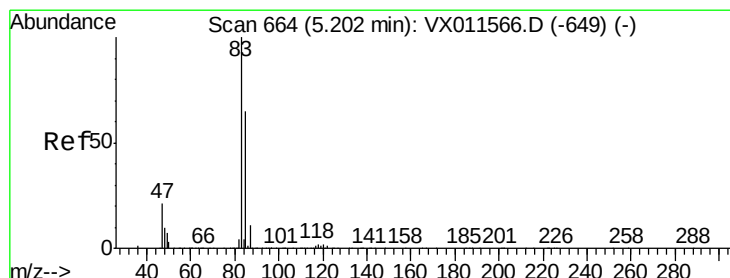
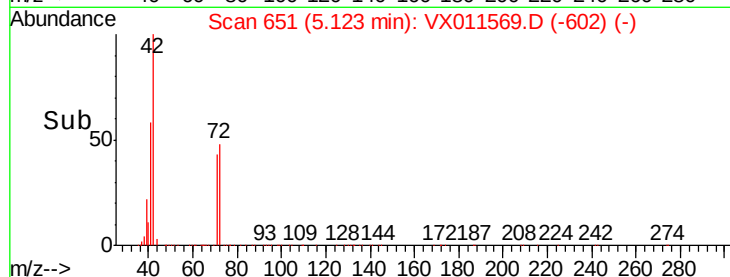
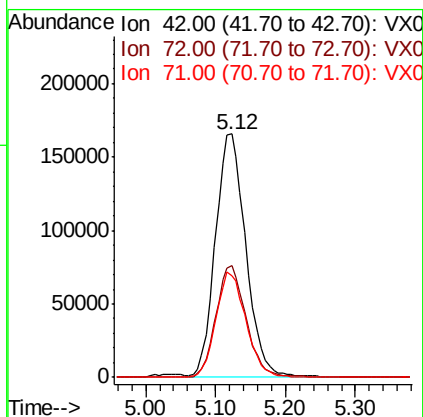
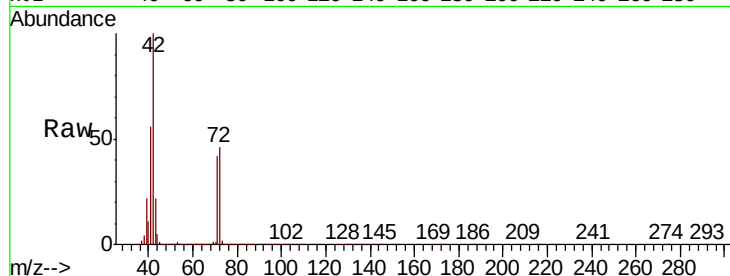
Tgt Ion: 42 Resp: 498744

Ion Ratio Lower Upper

42 100

72 45.7 36.1 54.1

71 42.6 33.8 50.8



#30

Chloroform

Concen: 48.156 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011569.D

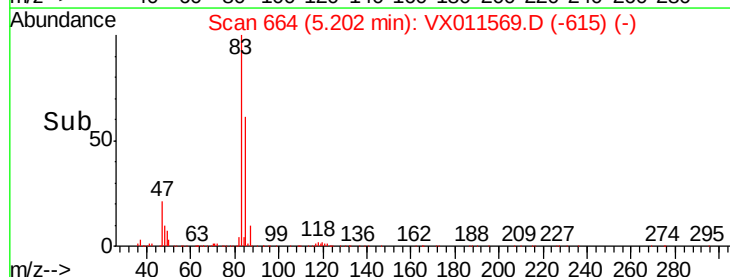
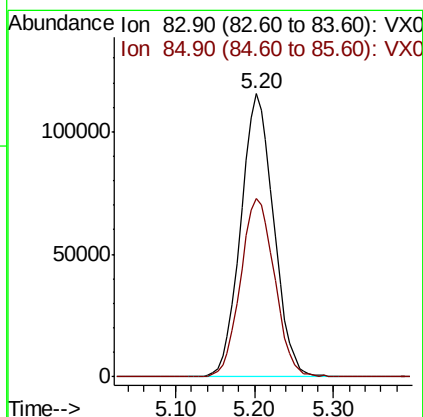
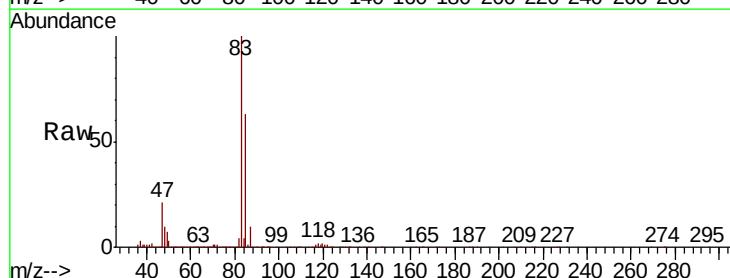
Acq: 15 Aug 2019 20:01

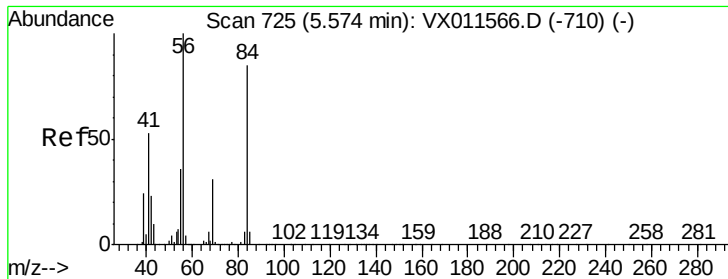
Tgt Ion: 83 Resp: 334916

Ion Ratio Lower Upper

83 100

85 63.1 51.9 77.9





#31

Cyclohexane

Concen: 50.457 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

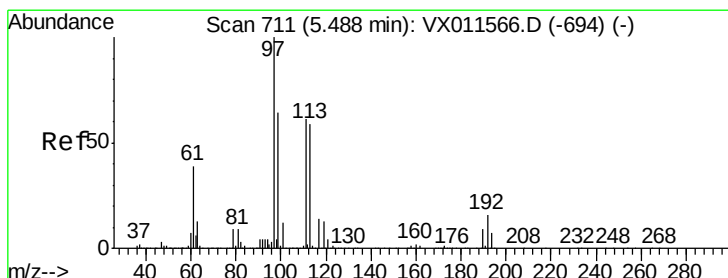
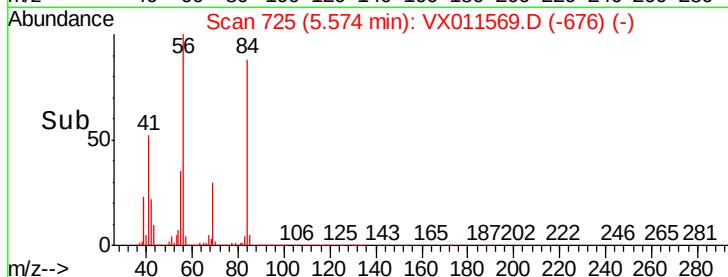
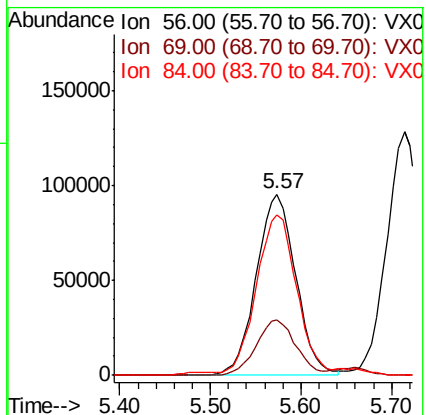
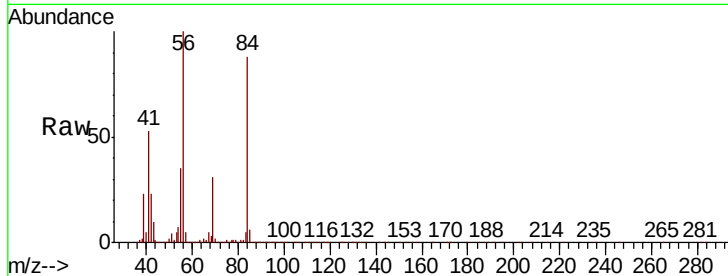
Tgt Ion: 56 Resp: 286290

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 87.1 67.9 101.9



#32

1,1,1-Trichloroethane

Concen: 50.182 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

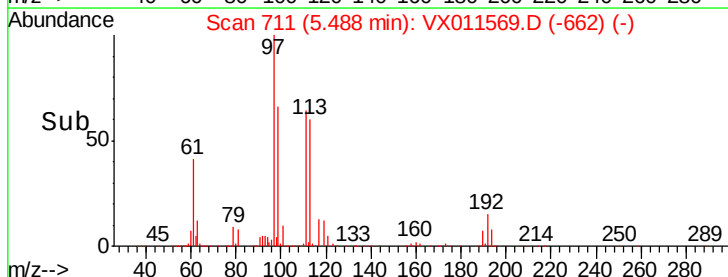
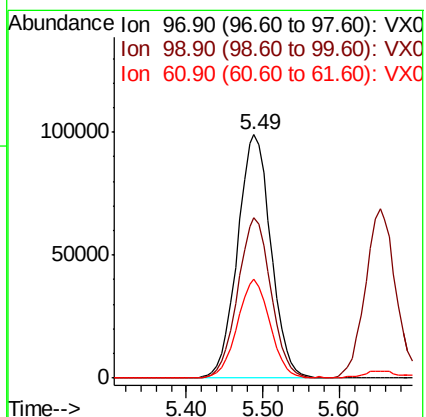
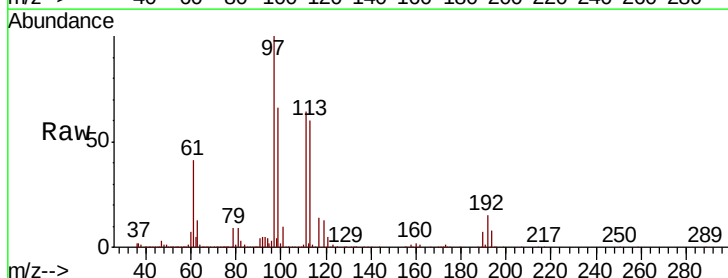
Tgt Ion: 97 Resp: 300098

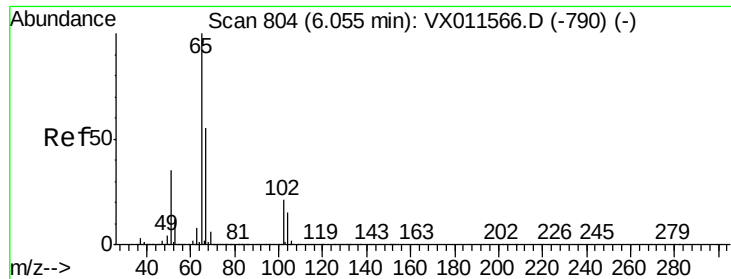
Ion Ratio Lower Upper

97 100

99 65.7 51.4 77.0

61 39.5 31.4 47.2

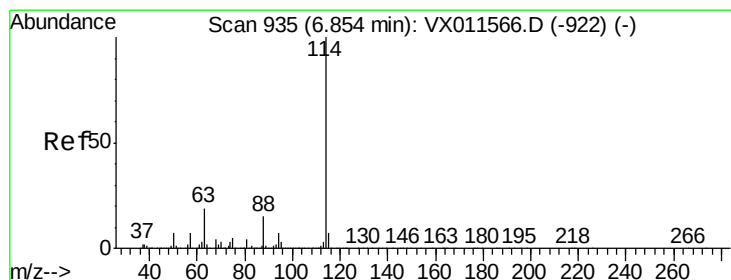
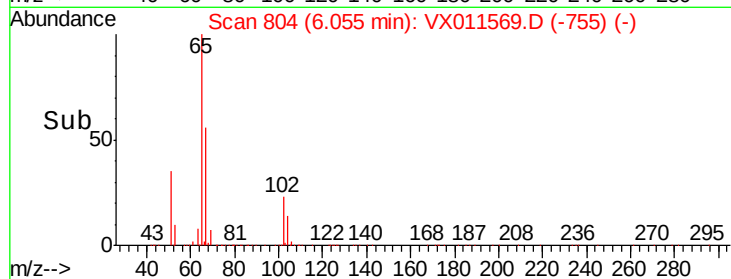
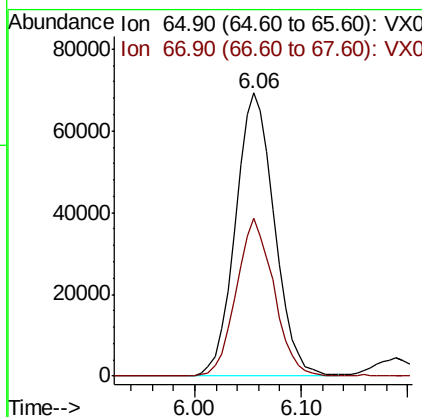
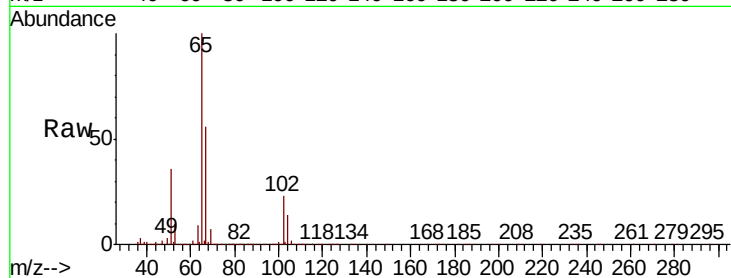




#33
 1,2-Dichloroethane-d4
 Concen: 46.274 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

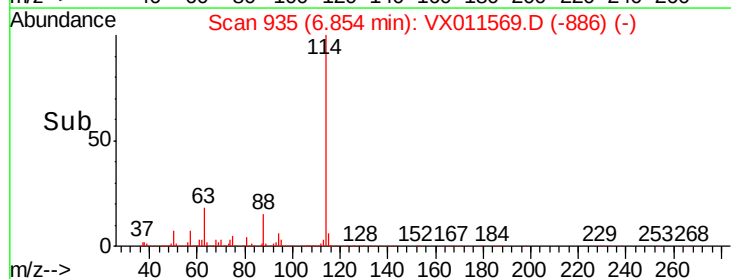
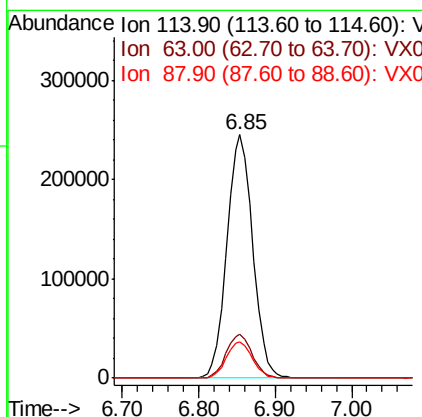
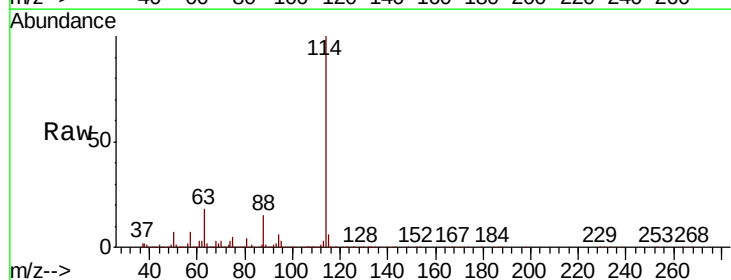
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

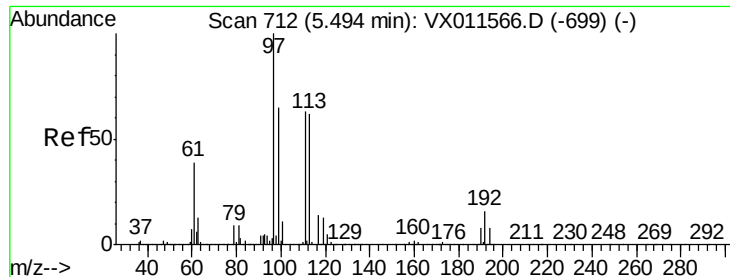
Tgt Ion: 65 Resp: 177076
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion: 114 Resp: 569856
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.8
 88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.955 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

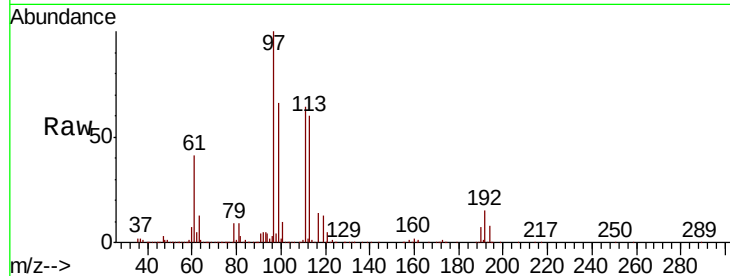
Tgt Ion: 113 Resp: 171284

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

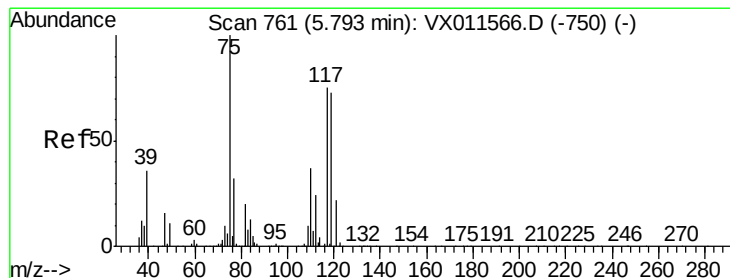
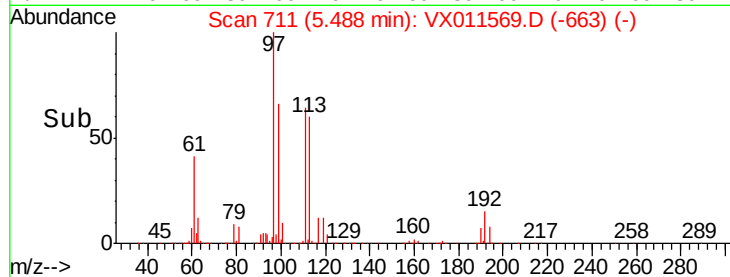
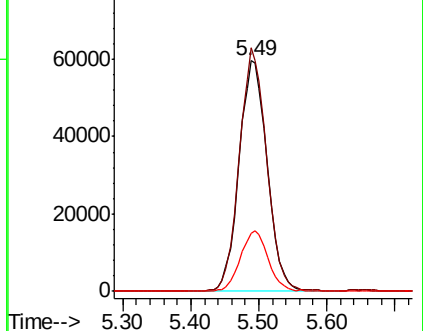
192 26.0 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.103 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

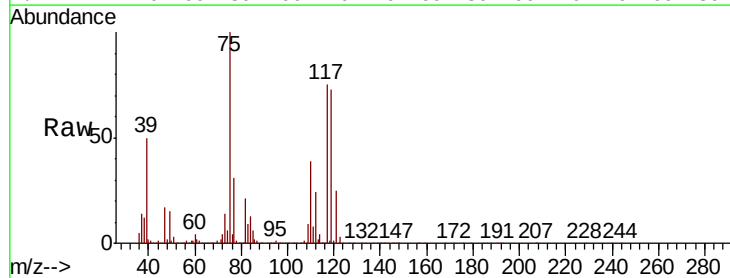
Tgt Ion: 75 Resp: 244110

Ion Ratio Lower Upper

75 100

110 39.6 19.4 58.1

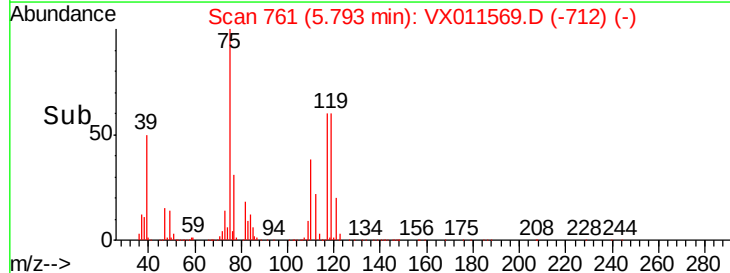
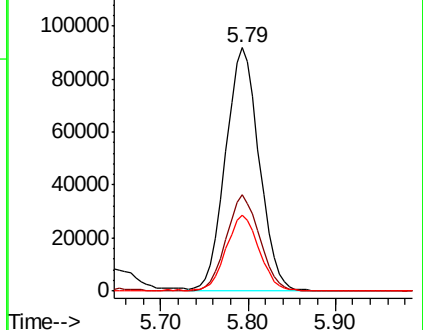
77 30.6 25.1 37.7

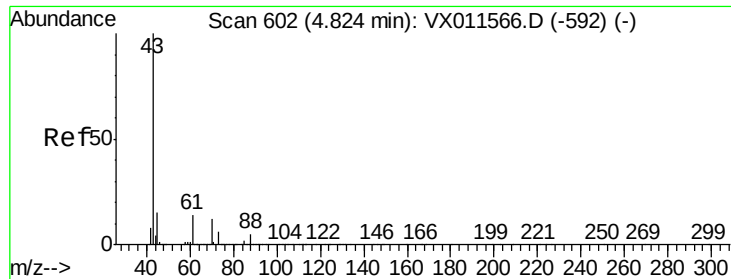


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

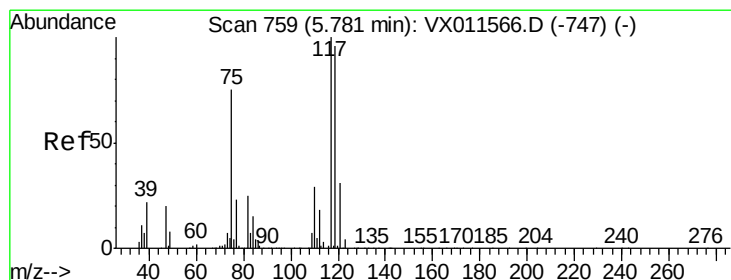
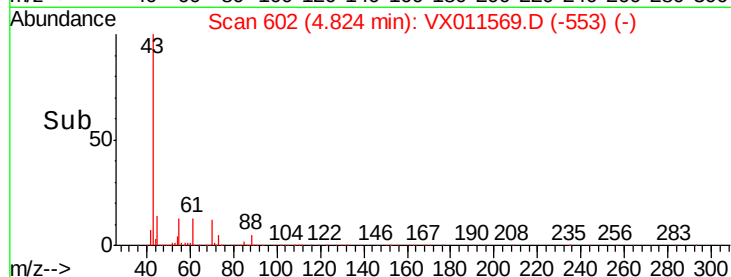
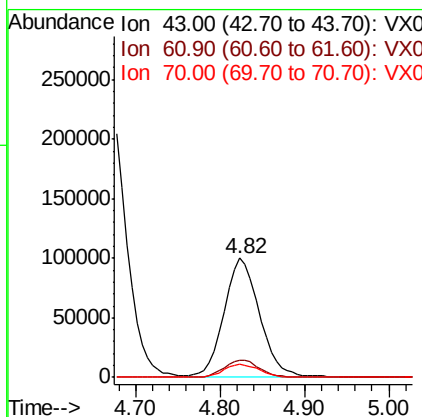
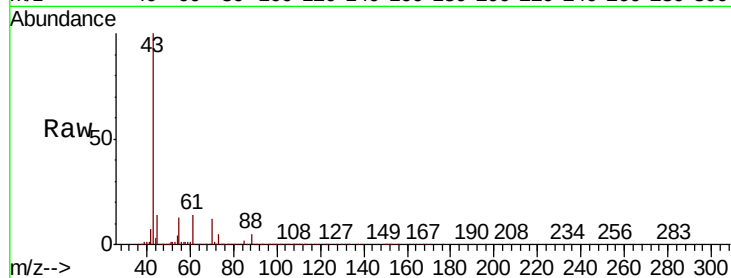




#37
Ethyl Acetate
Concen: 50.457 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

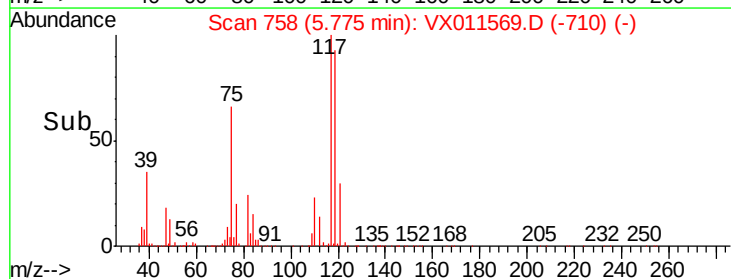
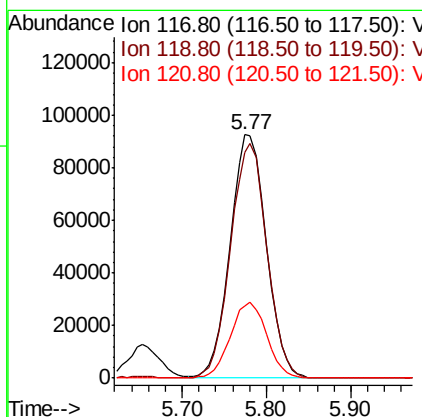
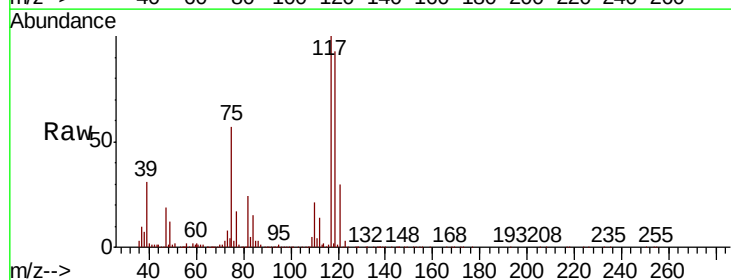
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

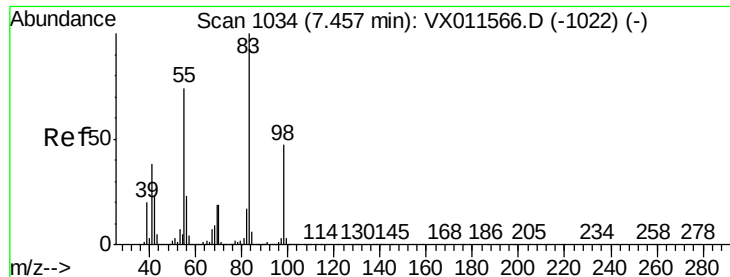
Tgt Ion: 43 Resp: 282760
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.038 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 117 Resp: 268596
Ion Ratio Lower Upper
117 100
119 92.9 76.9 115.3
121 29.8 24.8 37.2

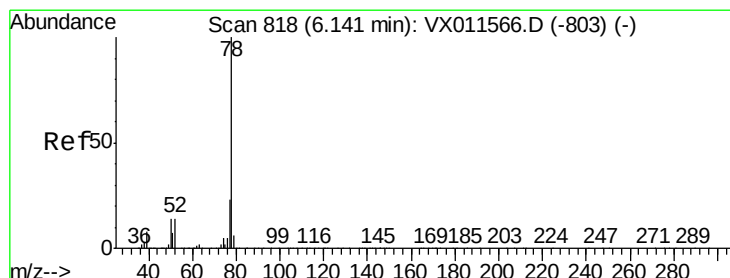
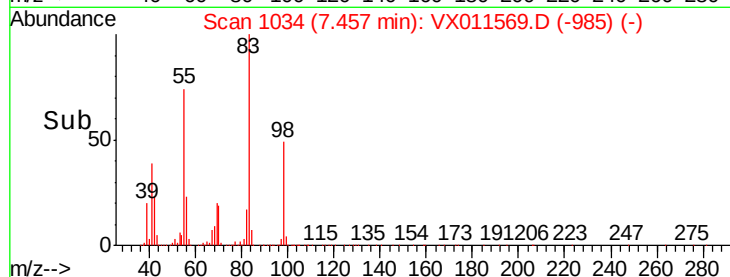
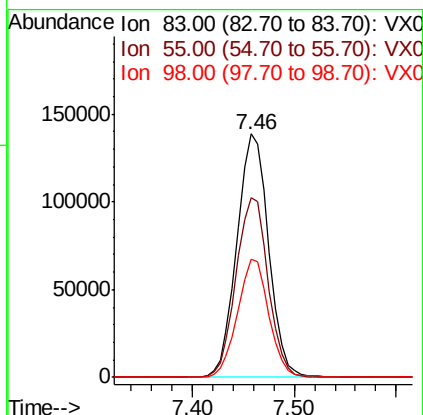
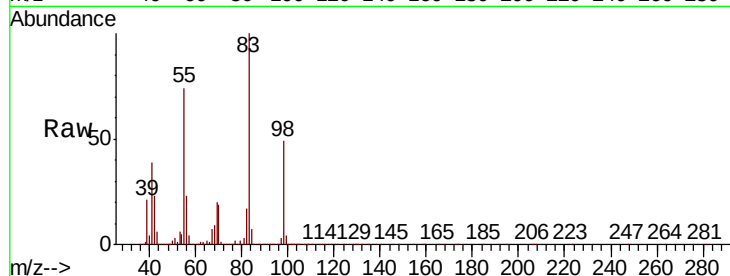




#39
Methylcyclohexane
Concen: 49.795 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

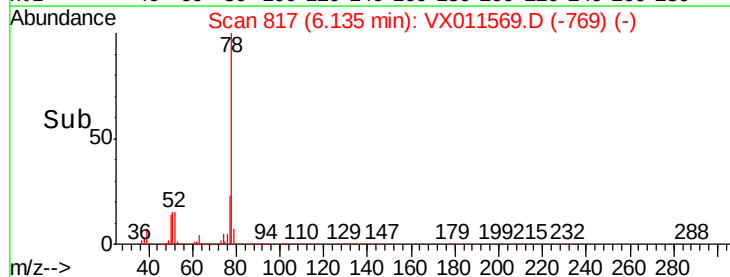
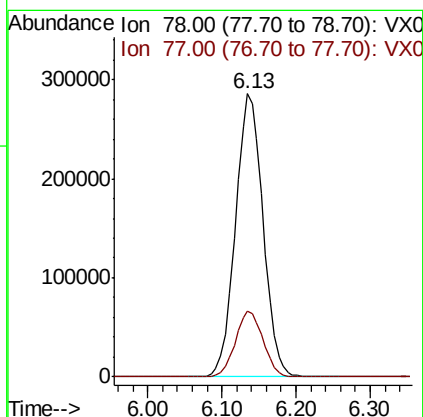
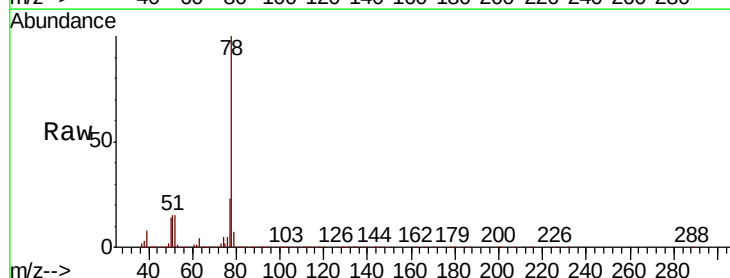
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

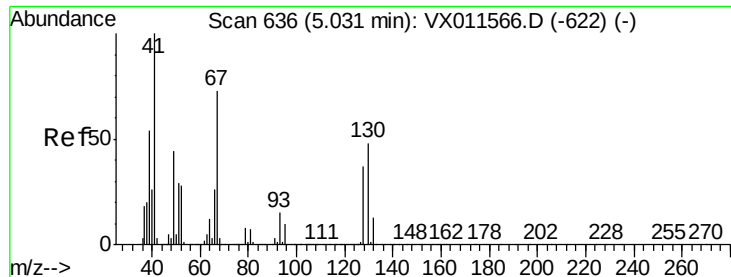
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.8	58.8	88.2
98	48.7	37.8	56.6



#40
Benzene
Concen: 48.882 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	28.0

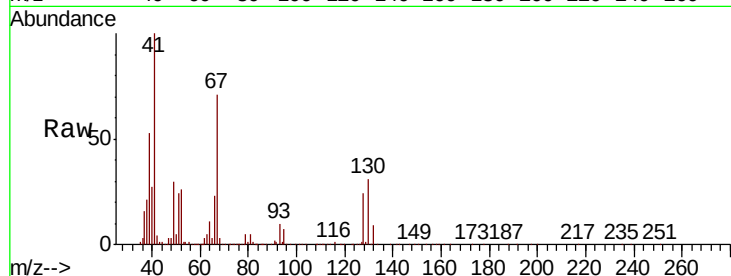




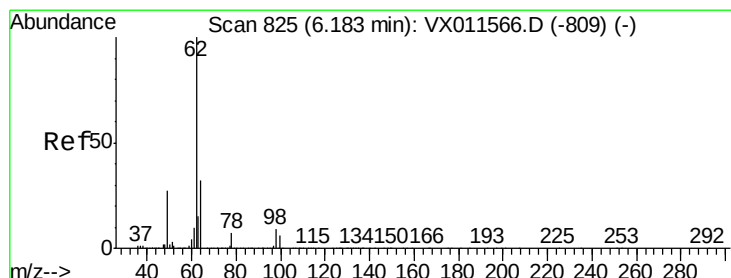
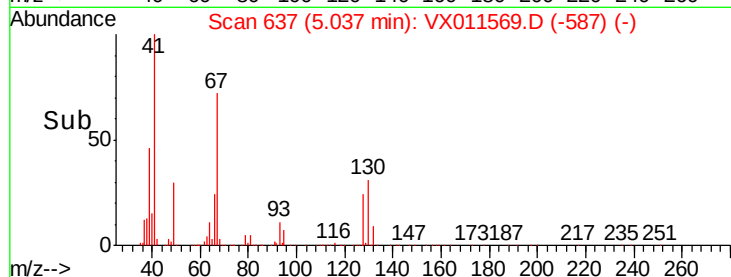
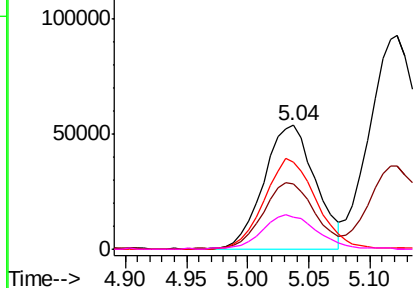
#41
Methacrylonitrile
Concen: 50.920 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

Tgt Ion:	41	Resp:	157049
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.5	65.3
67	73.7	59.4	89.2
52	28.5	23.4	35.2

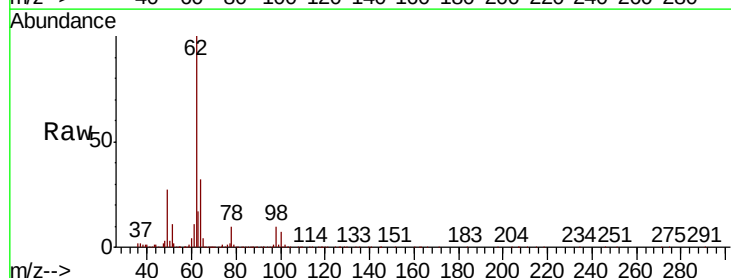


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

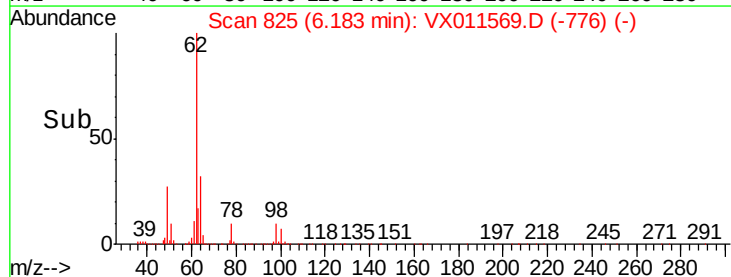
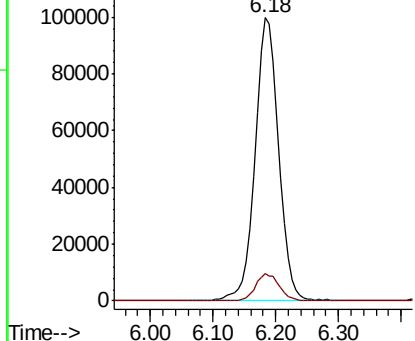


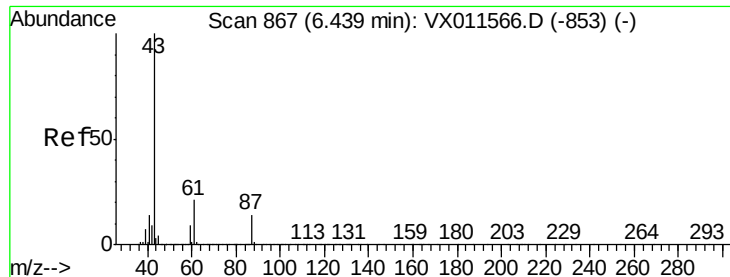
#42
1,2-Dichloroethane
Concen: 49.417 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion:	62	Resp:	259230
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 50.499 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

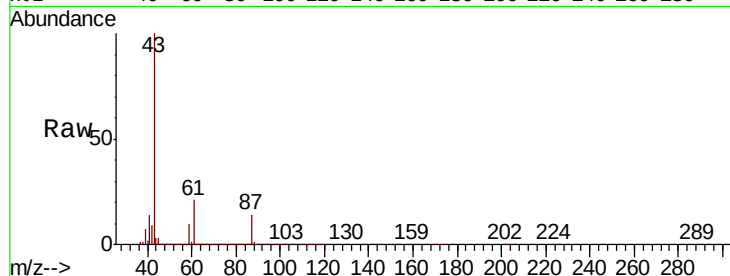
Tgt Ion: 43 Resp: 441649

Ion Ratio Lower Upper

43 100

61 20.6 16.6 24.8

87 14.6 11.4 17.2



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

200000

150000

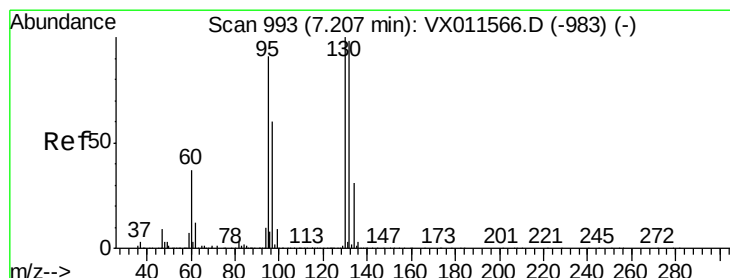
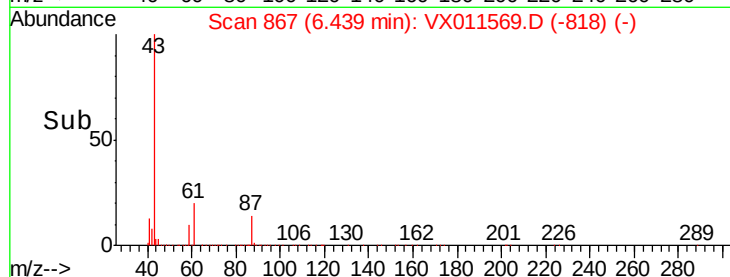
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 49.846 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011569.D

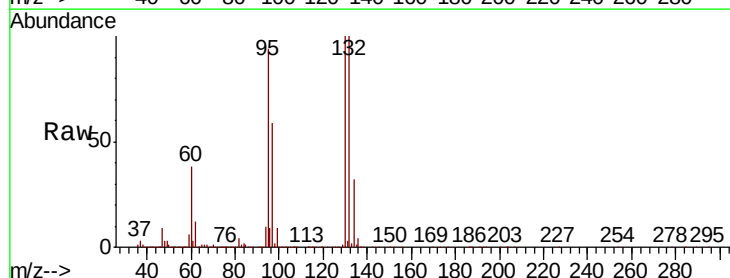
Acq: 15 Aug 2019 20:01

Tgt Ion: 130 Resp: 223886

Ion Ratio Lower Upper

130 100

95 94.7 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

120000

100000

80000

60000

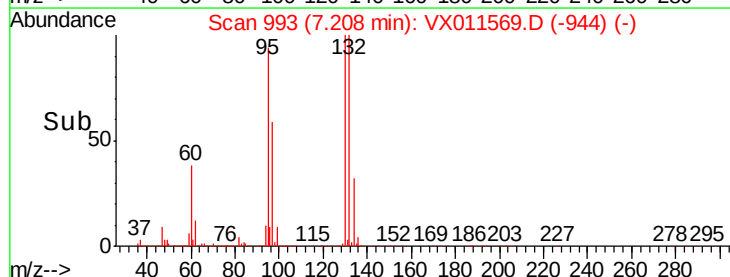
40000

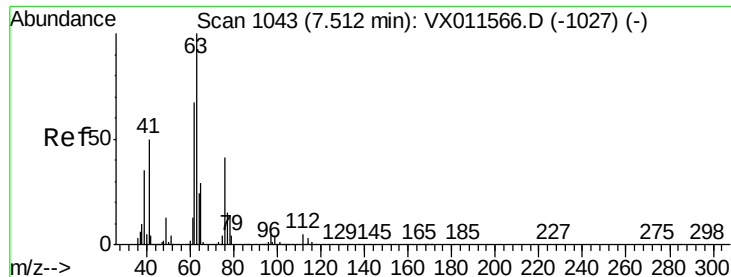
20000

0

7.10 7.20 7.30

Time-->





#45

1,2-Dichloropropane

Concen: 50.701 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

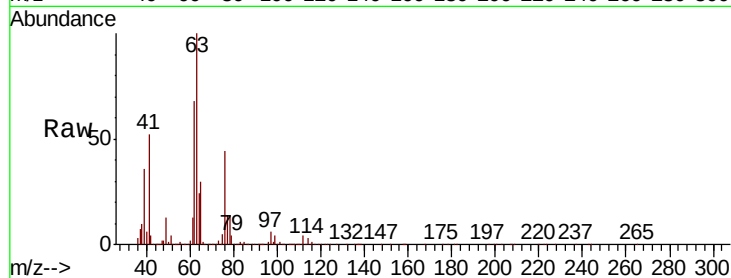
ICVVX081519

Tgt Ion: 63 Resp: 191448

Ion Ratio Lower Upper

63 100

65 29.8 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

100000

80000

60000

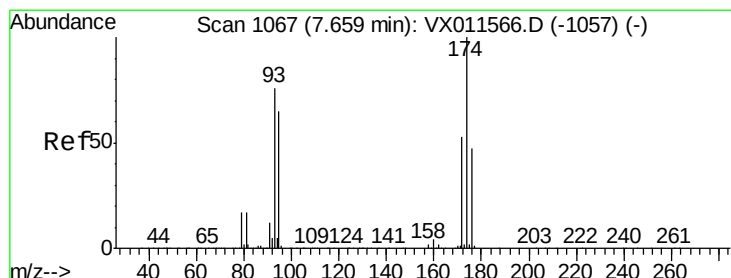
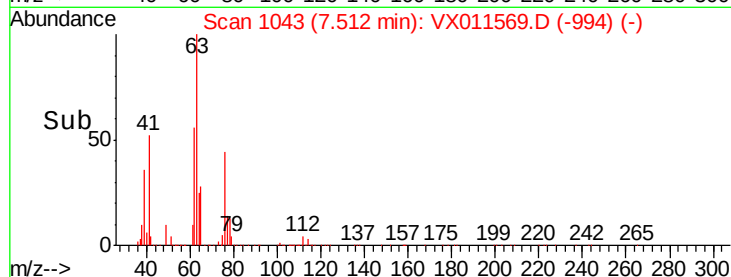
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 48.912 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

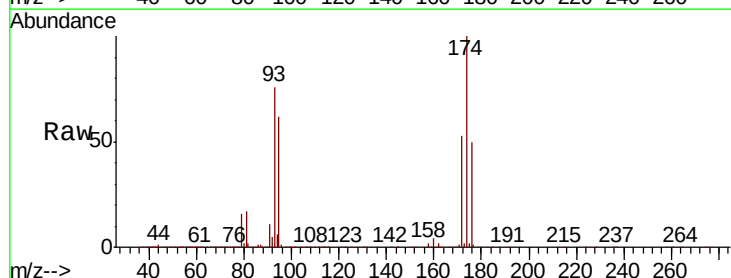
Tgt Ion: 93 Resp: 134214

Ion Ratio Lower Upper

93 100

95 81.6 67.2 100.8

174 130.1 105.5 158.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

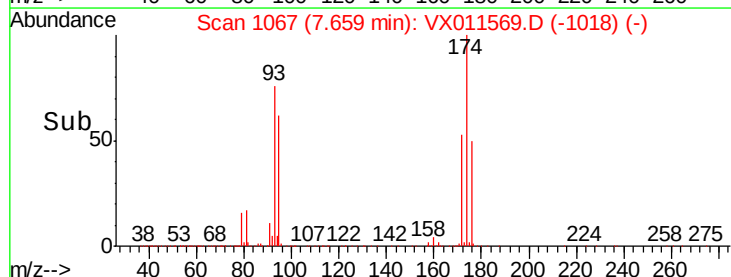
40000

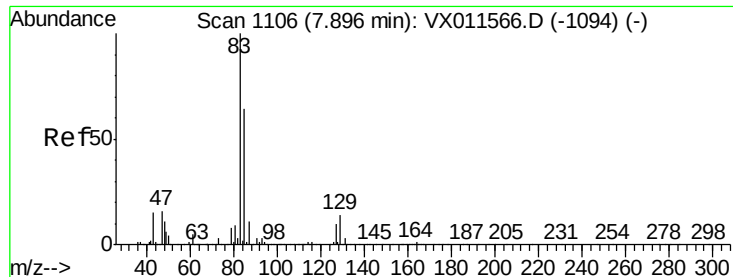
20000

0

Time-->

7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 50.456 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

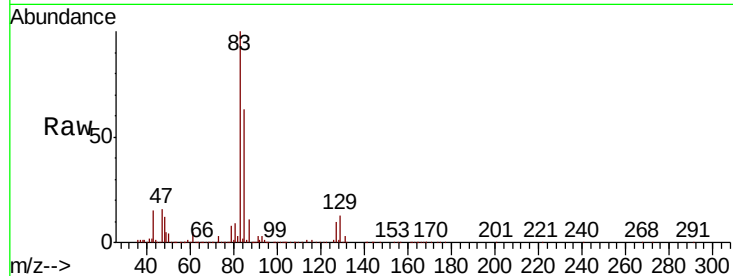
Tgt Ion: 83 Resp: 254208

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8

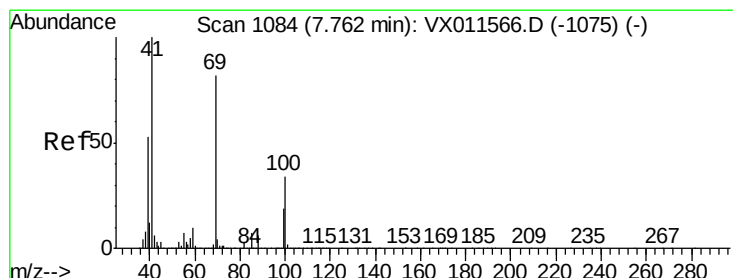
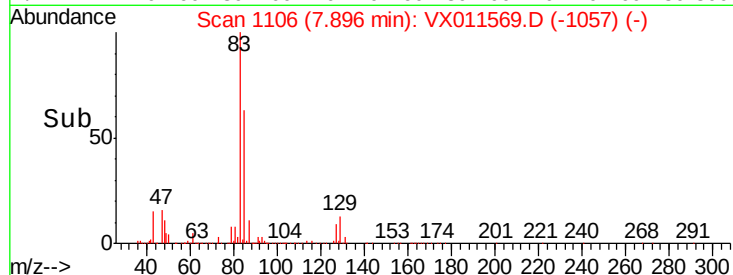
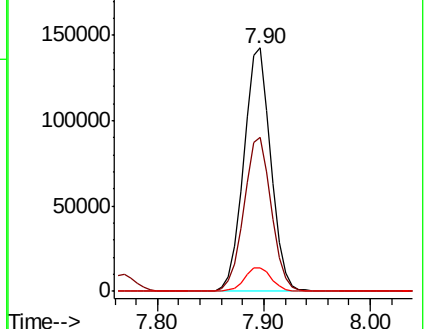
127 9.5 8.1 12.1



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: 51.744 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

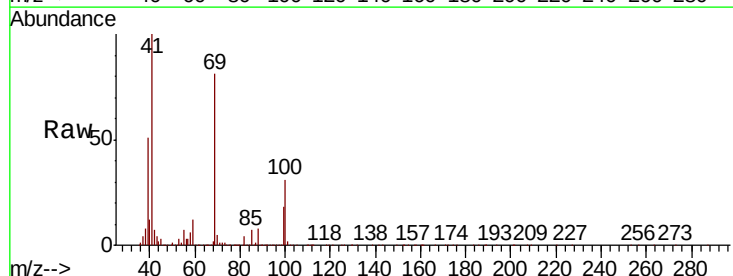
Tgt Ion: 41 Resp: 224102

Ion Ratio Lower Upper

41 100

69 84.1 67.9 101.9

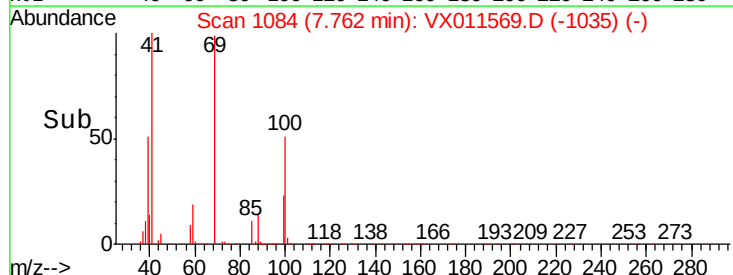
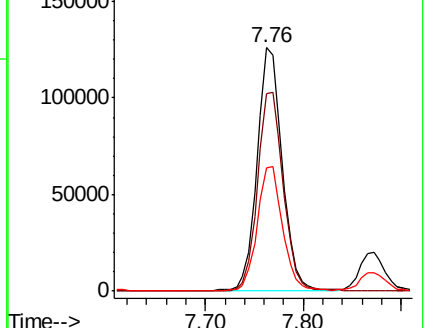
39 51.3 41.6 62.4

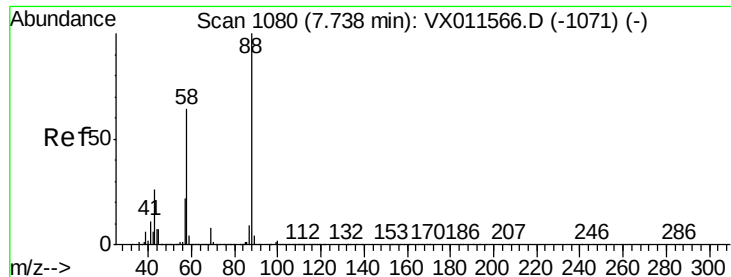


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1000.821 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

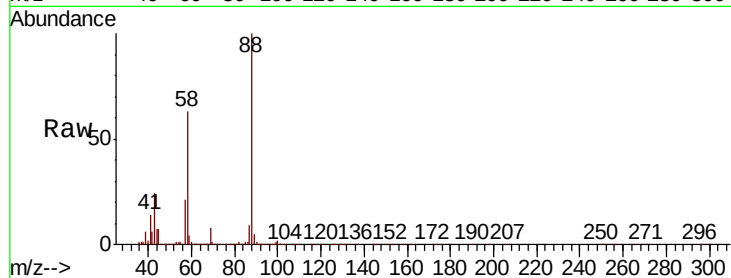
Tgt Ion: 88 Resp: 115288

Ion Ratio Lower Upper

88 100

43 29.9 23.4 35.0

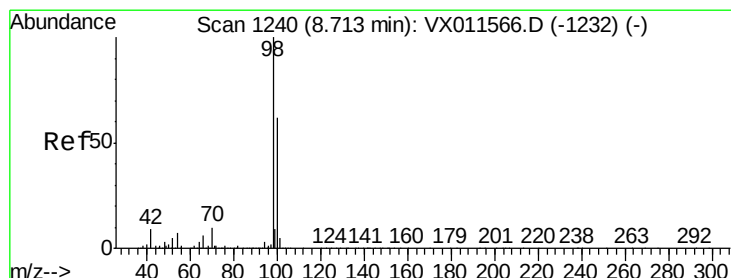
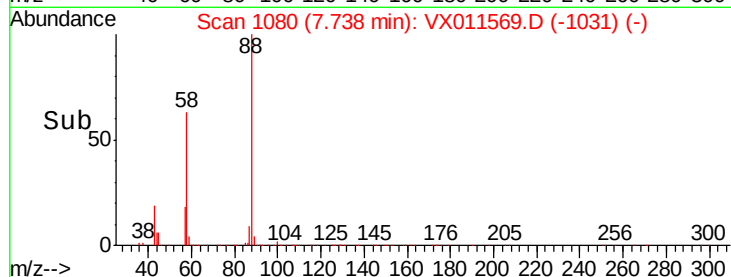
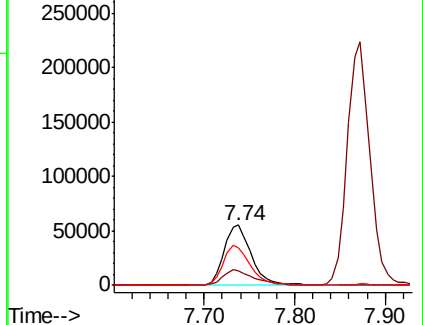
58 66.6 54.3 81.5



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: 47.021 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011569.D

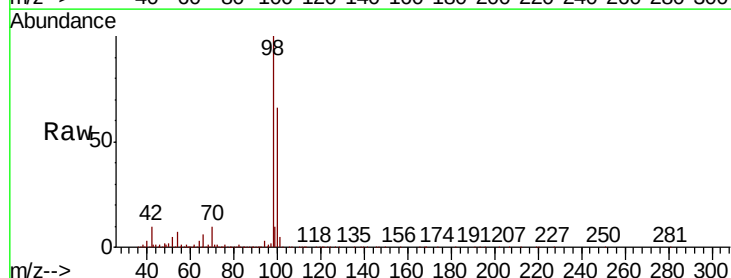
Acq: 15 Aug 2019 20:01

Tgt Ion: 98 Resp: 546081

Ion Ratio Lower Upper

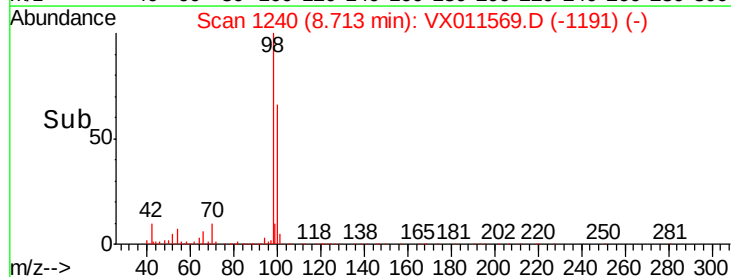
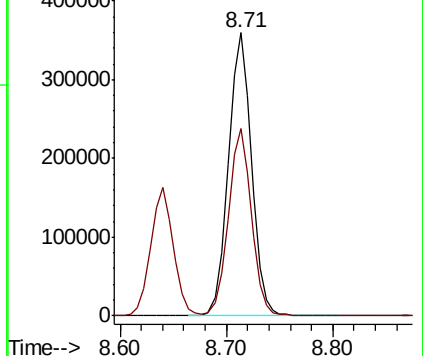
98 100

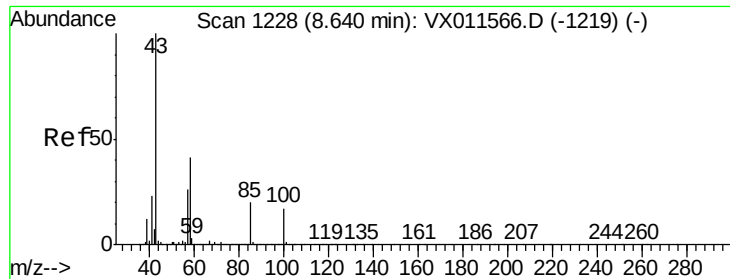
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

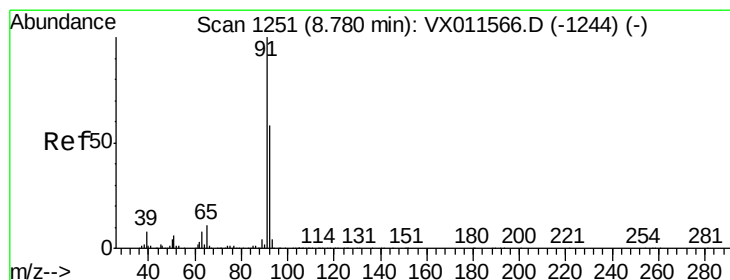
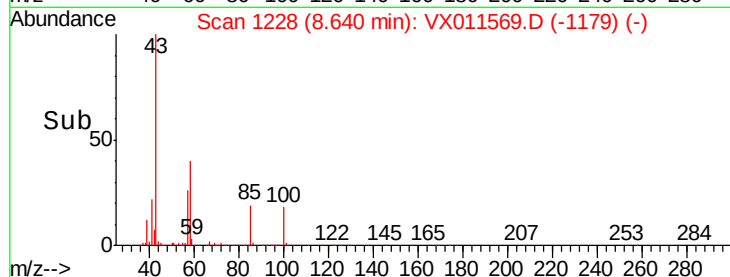
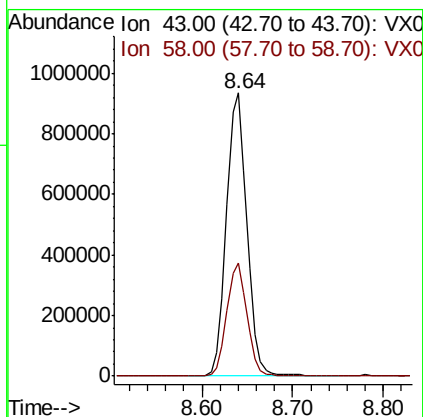
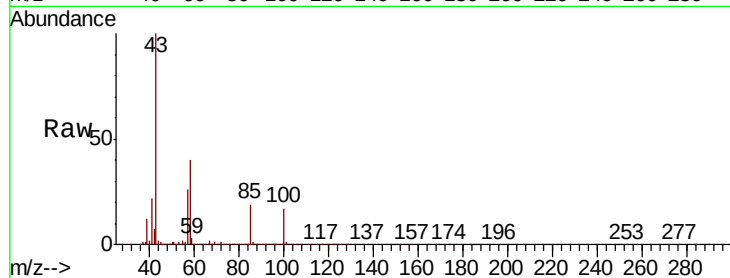




#51
 4-Methyl-2-Pentanone
 Concen: 256.422 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

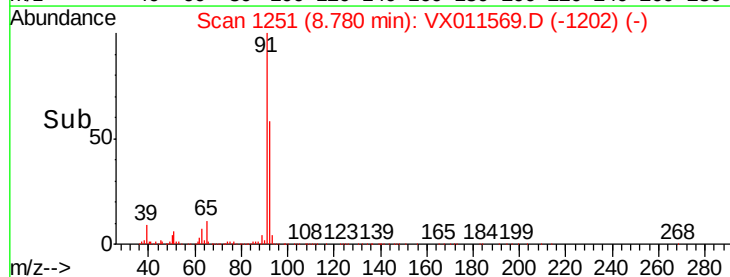
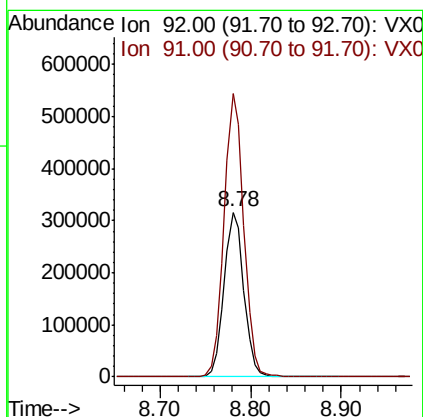
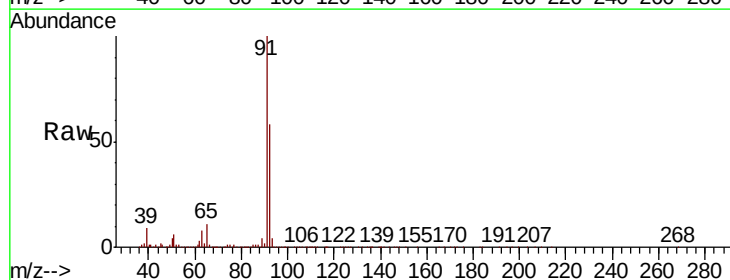
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

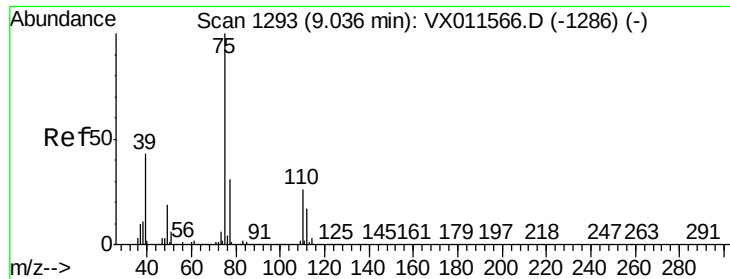
Tgt Ion: 43 Resp: 1467853
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 49.820 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion: 92 Resp: 480566
 Ion Ratio Lower Upper
 92 100
 91 171.2 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 52.896 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

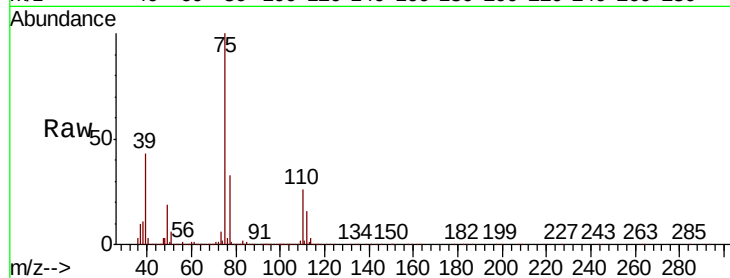
ICVVX081519

Tgt Ion: 75 Resp: 276591

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

150000

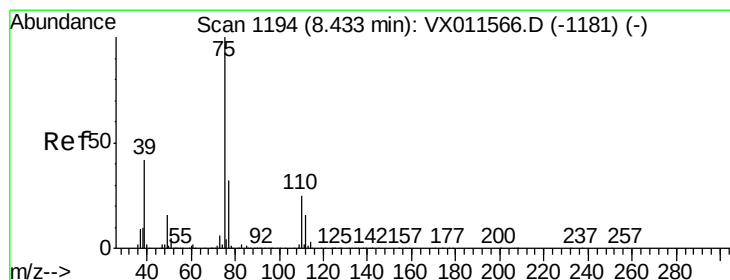
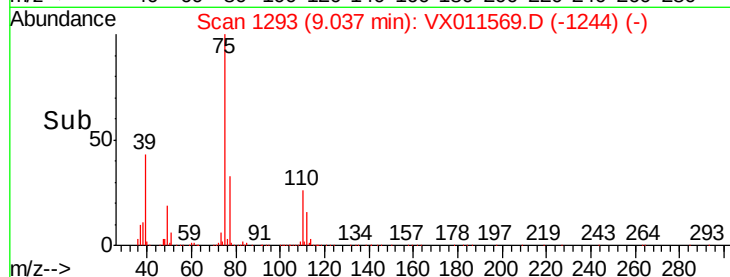
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 52.979 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

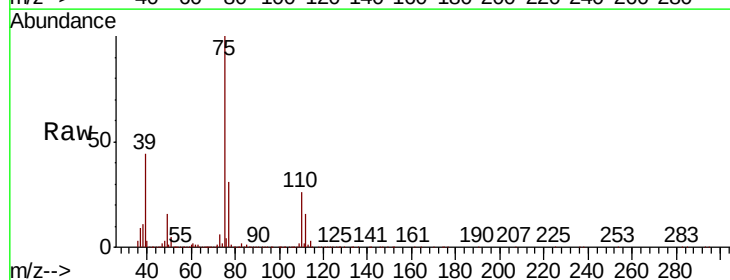
Tgt Ion: 75 Resp: 303165

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 43.7 33.6 50.4



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

250000

200000

150000

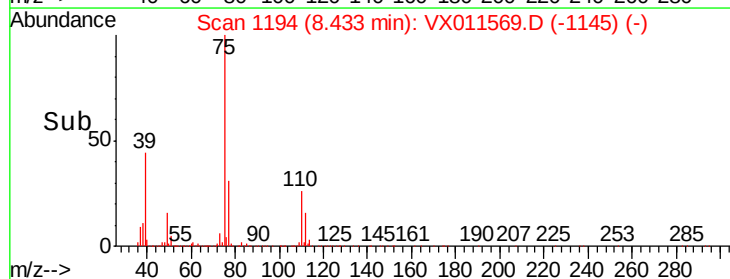
100000

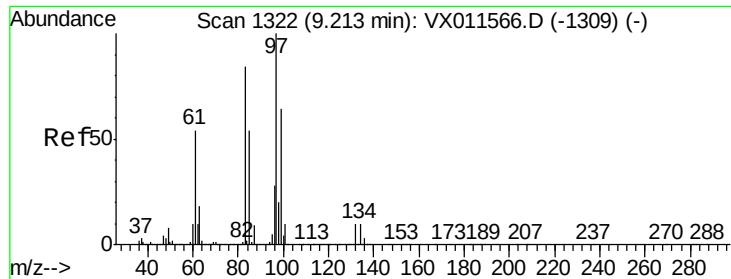
50000

0

Time-->

8.30 8.40 8.50

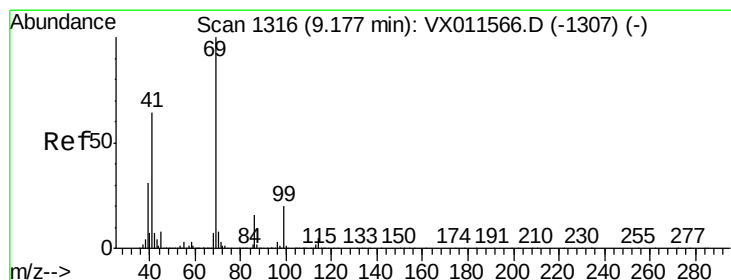
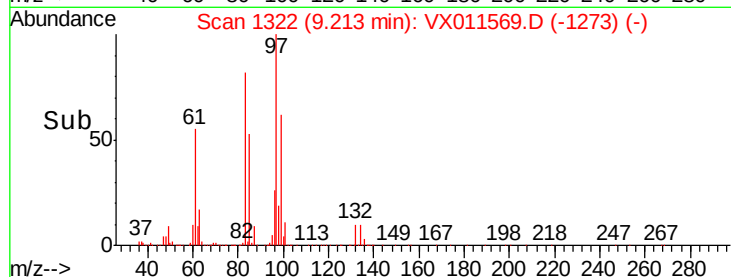
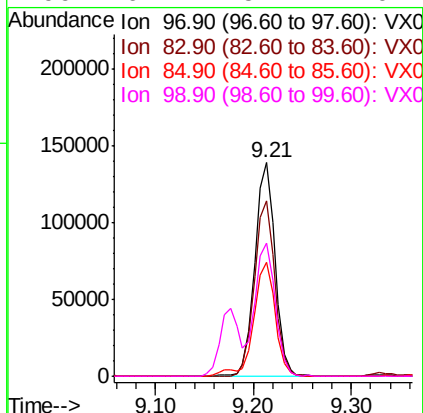
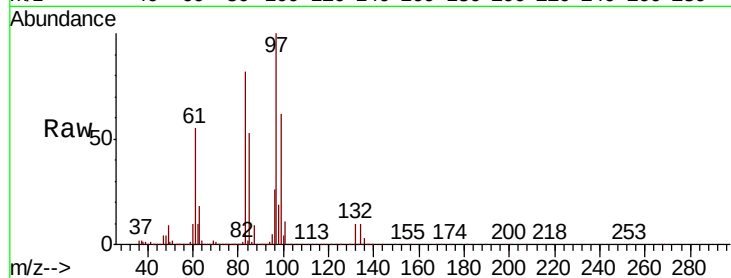




#55
 1,1,2-Trichloroethane
 Concen: 48.798 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

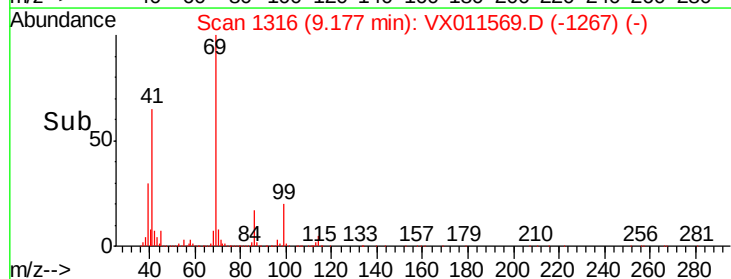
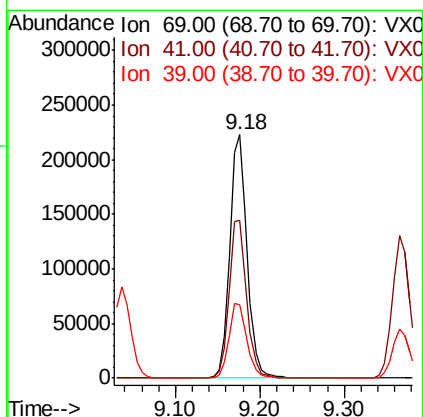
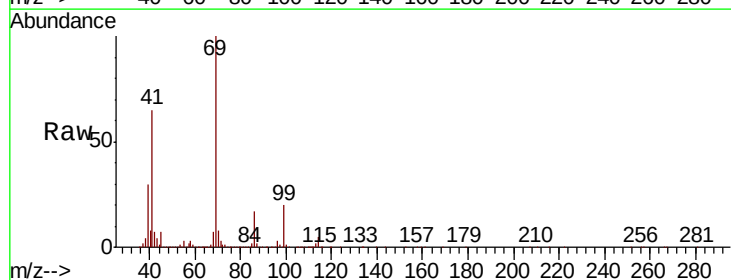
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

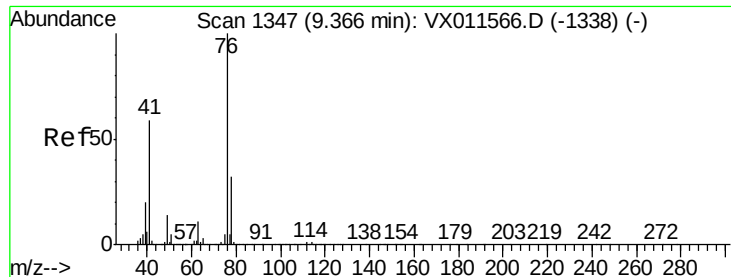
Tgt Ion:	97	Resp:	200167
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.0
85	53.3	43.4	65.2
99	62.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 52.191 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion:	69	Resp:	311162
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.1	78.1
39	31.7	25.4	38.0





#57

1,3-Dichloropropane

Concen: 49.462 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

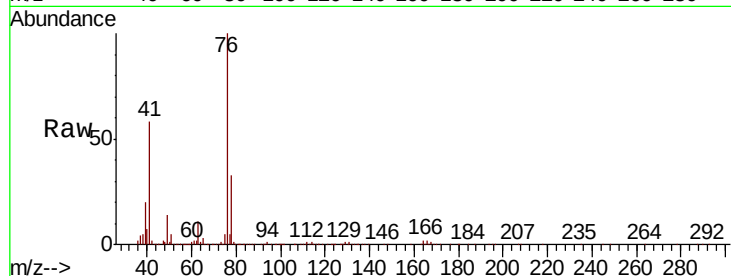
ICVVX081519

Tgt Ion: 76 Resp: 322510

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

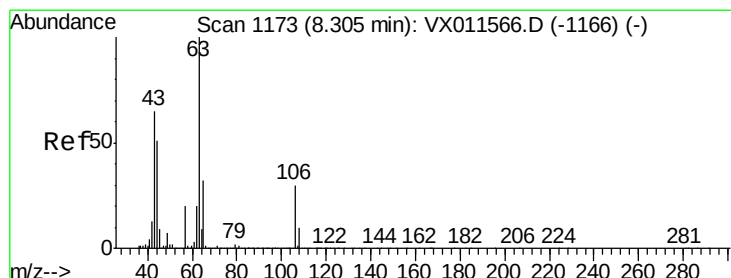
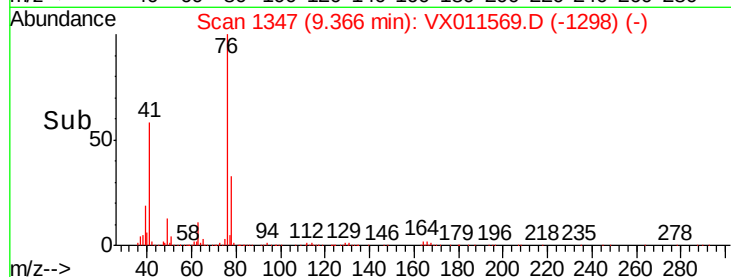
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.678 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011569.D

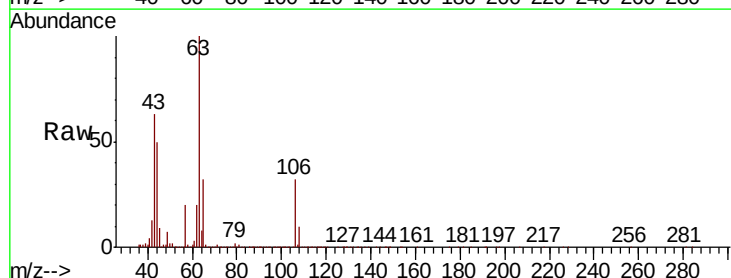
Acq: 15 Aug 2019 20:01

Tgt Ion: 63 Resp: 768435

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

500000

400000

300000

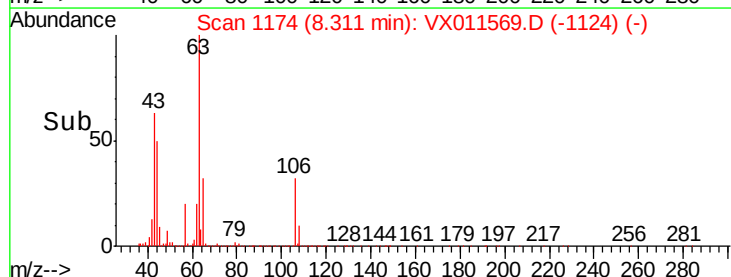
200000

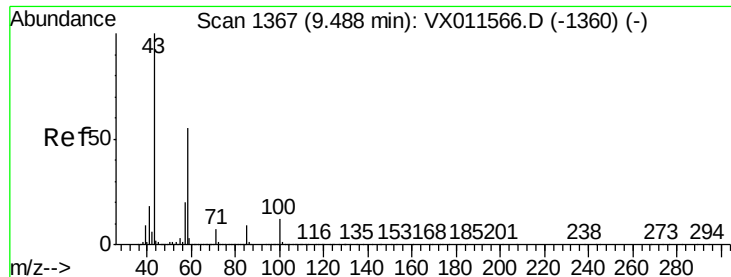
100000

0

8.20 8.30 8.40

Time-->

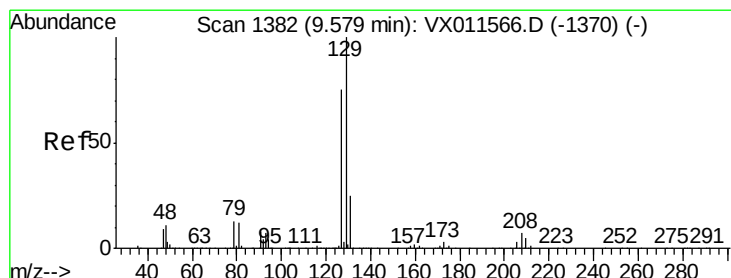
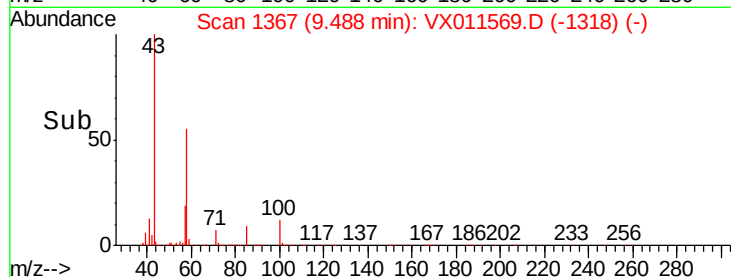
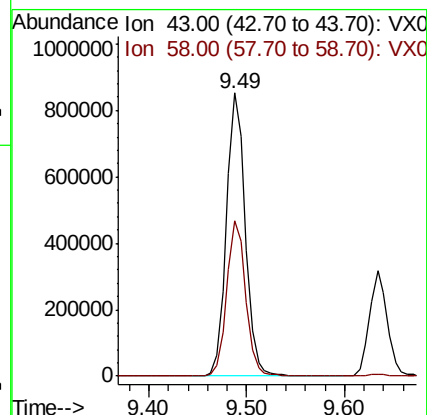
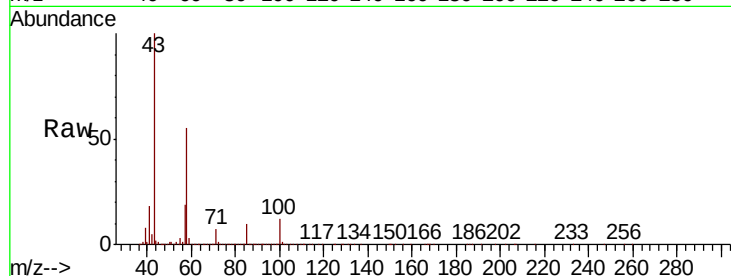




#59
2-Hexanone
Concen: 258.265 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

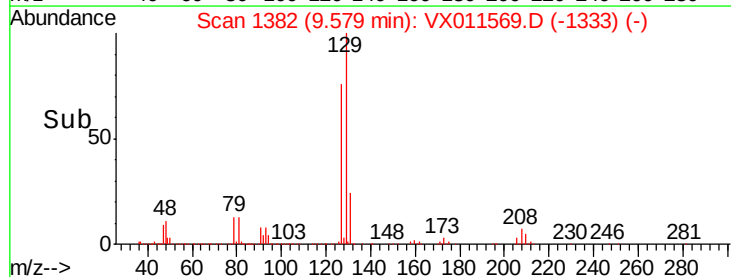
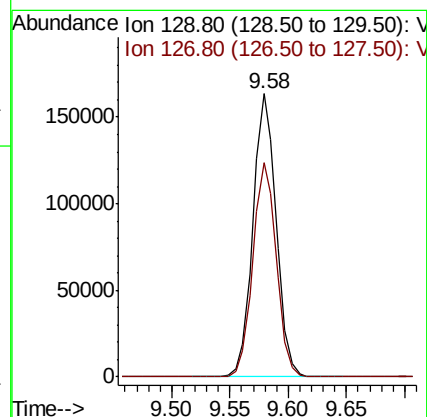
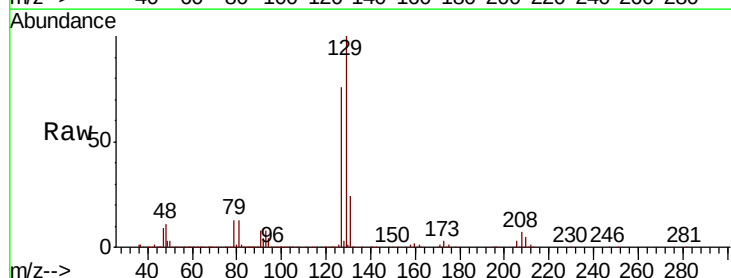
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

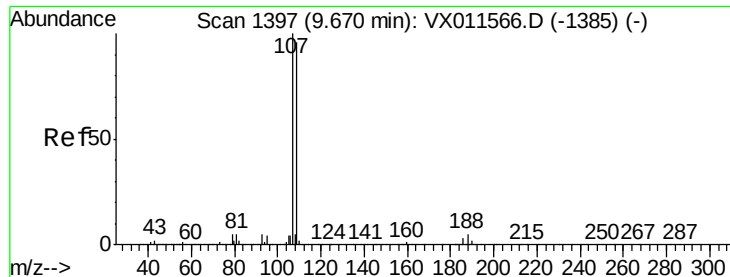
Tgt Ion: 43 Resp: 1140079
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4



#60
Dibromochloromethane
Concen: 53.292 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 129 Resp: 227761
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1

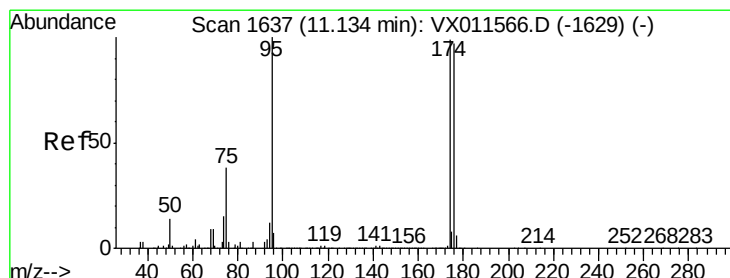
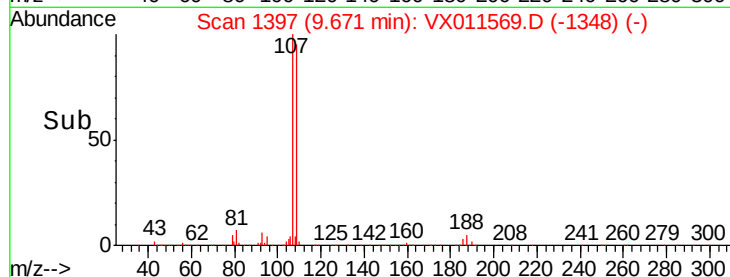
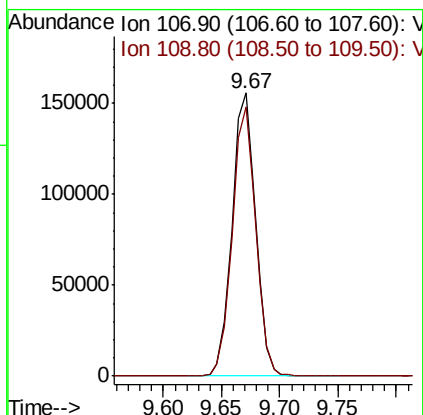
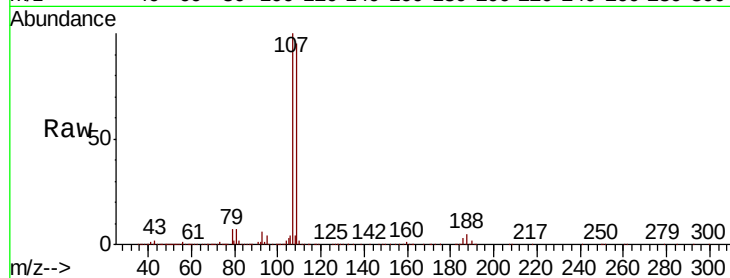




#61
 1,2-Dibromoethane
 Concen: 50.149 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

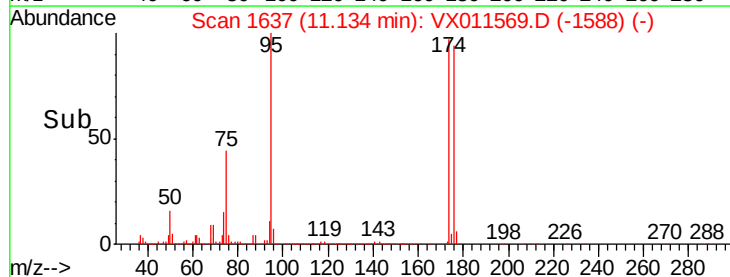
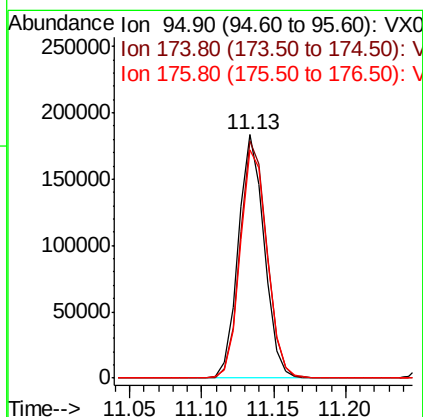
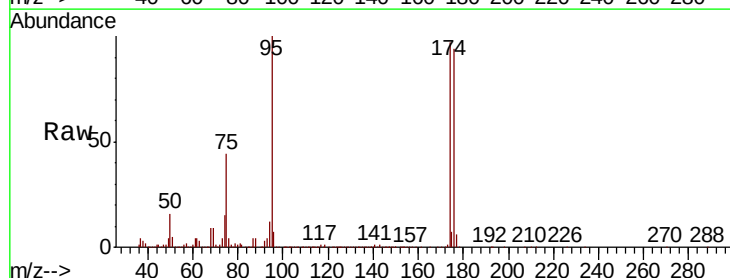
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

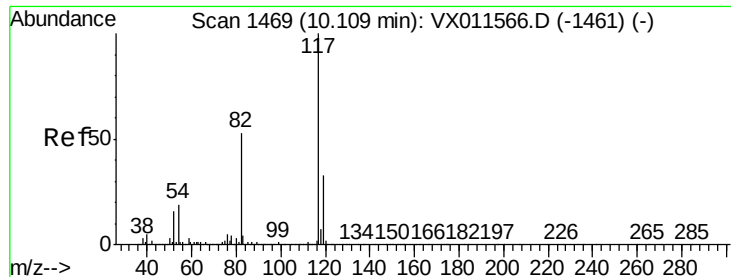
Tgt Ion: 107 Resp: 219544
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 46.804 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion: 95 Resp: 229428
 Ion Ratio Lower Upper
 95 100
 174 100.2 0.0 200.6
 176 97.2 0.0 196.6

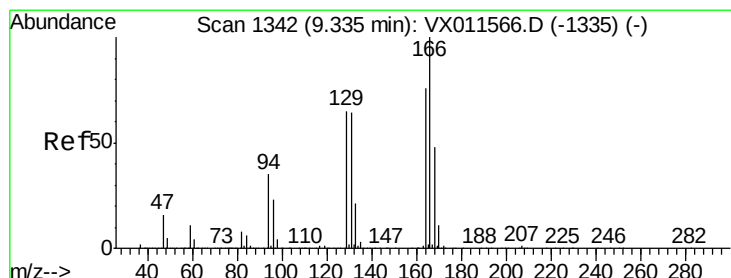
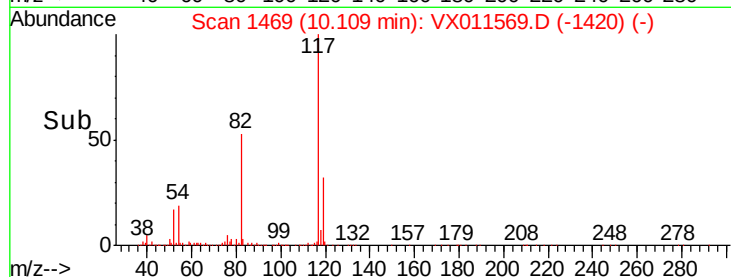
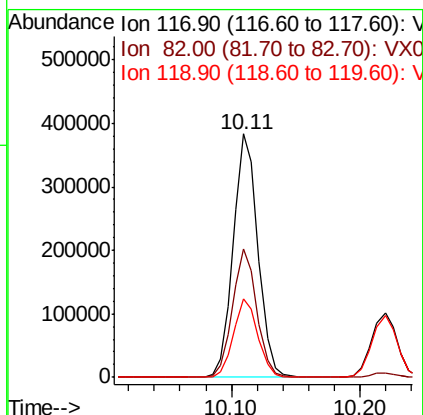
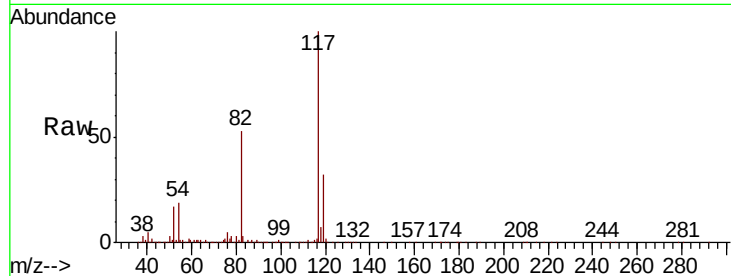




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

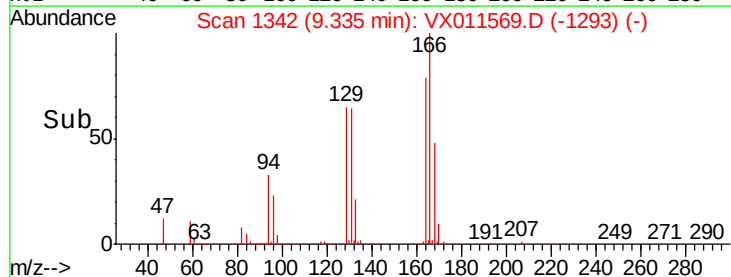
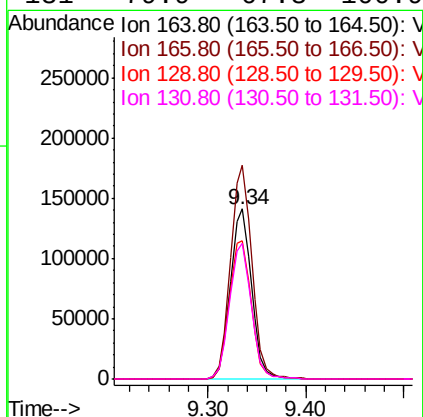
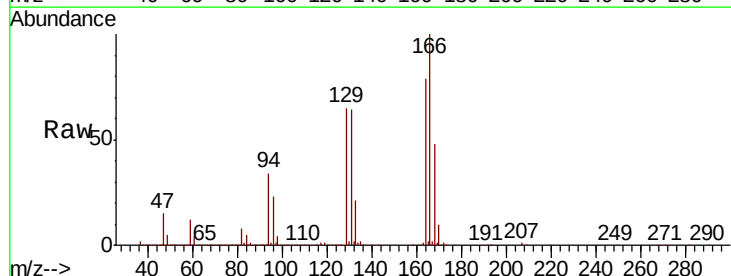
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

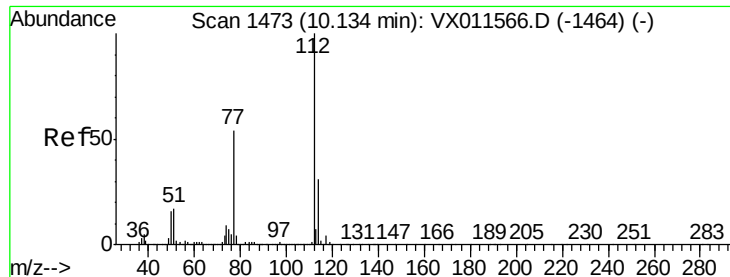
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	32.2	26.5	39.7



#64
Tetrachloroethene
Concen: 50.725 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	104.7	157.1
129	81.7	68.2	102.4
131	79.9	67.3	100.9

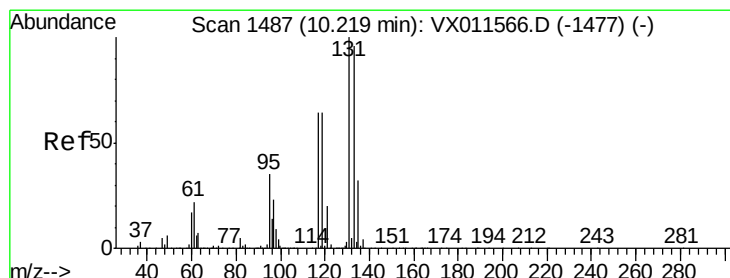
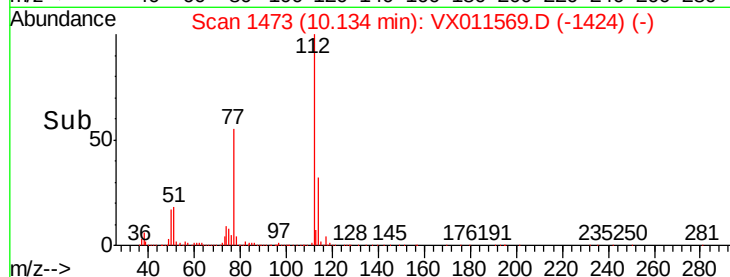
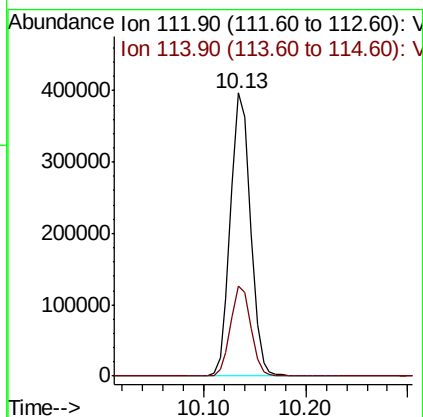
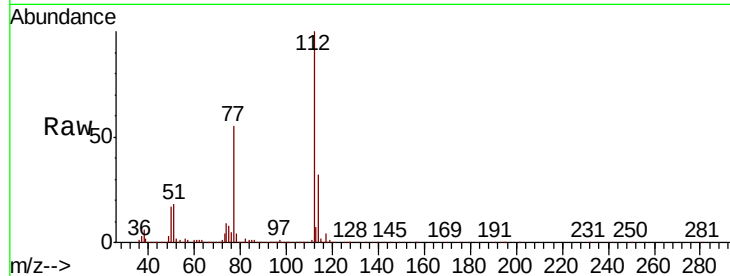




#65
Chlorobenzene
Concen: 49.166 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

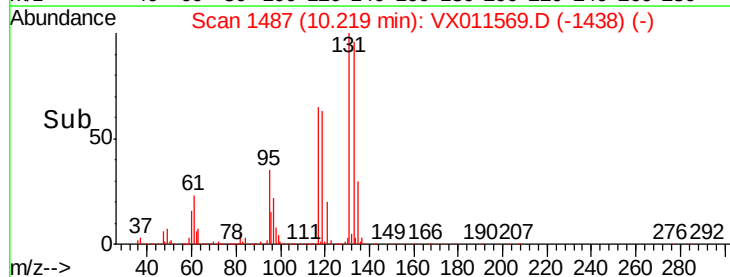
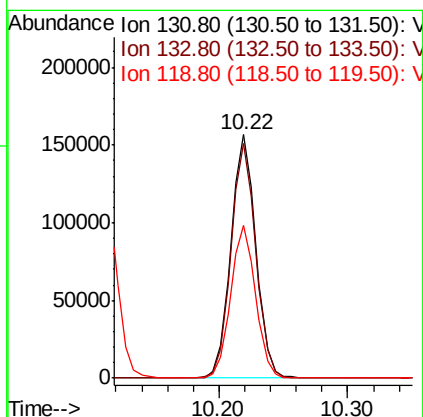
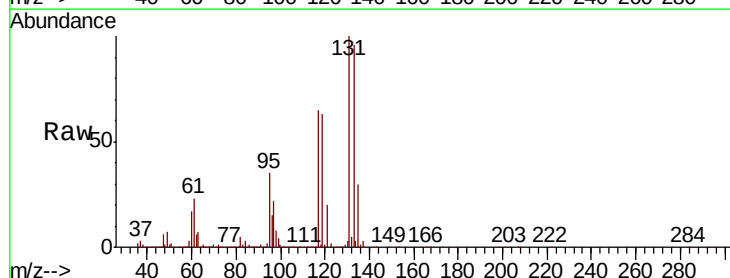
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

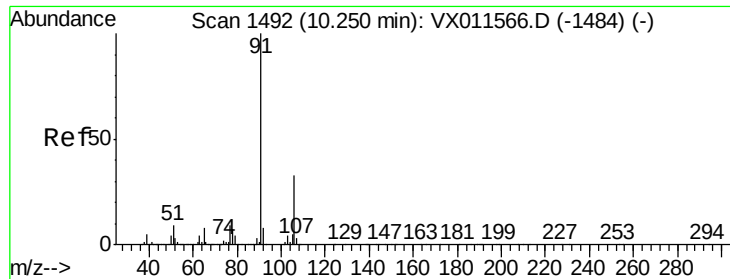
Tgt Ion:112 Resp: 537504
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.862 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion:131 Resp: 211916
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 62.5 31.3 93.8

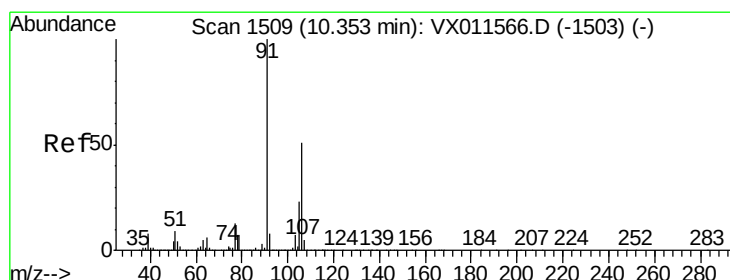
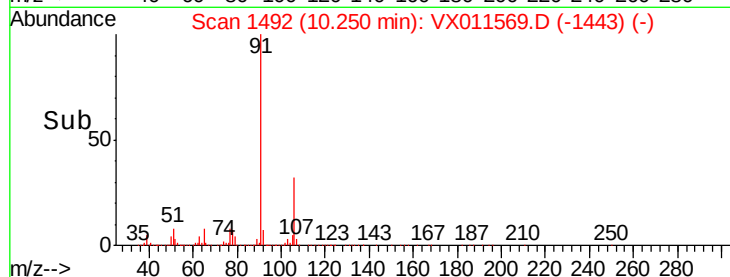
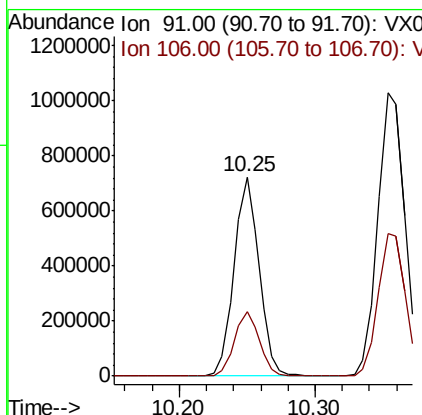
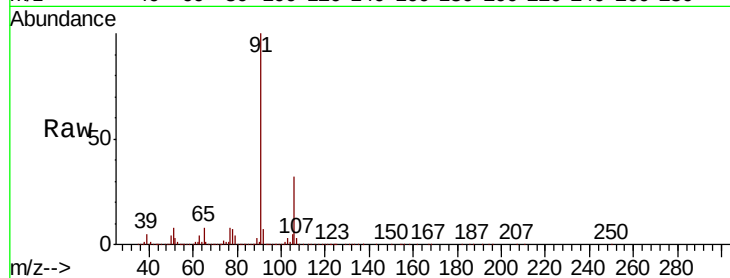




#67
Ethyl Benzene
Concen: 50.704 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

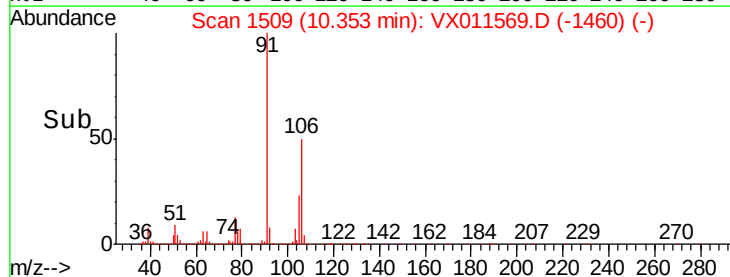
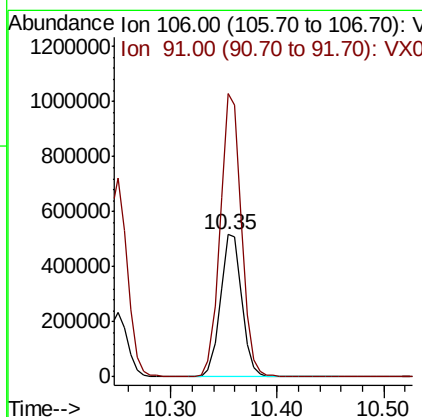
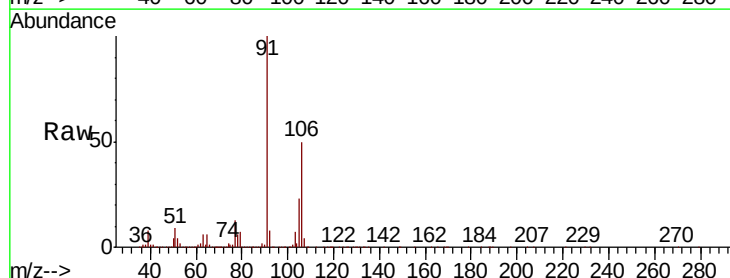
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

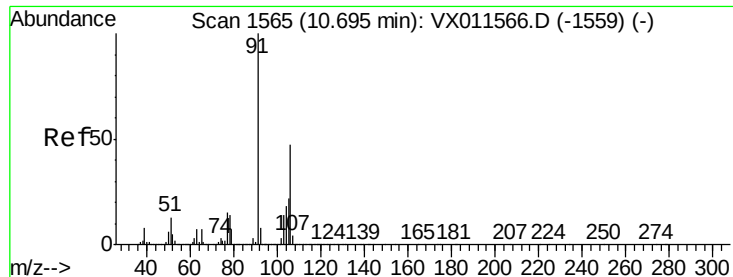
Tgt Ion: 91 Resp: 925100
Ion Ratio Lower Upper
91 100
106 32.2 26.0 39.0



#68
m/p-Xylenes
Concen: 103.277 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 106 Resp: 723295
Ion Ratio Lower Upper
106 100
91 197.2 156.0 234.0

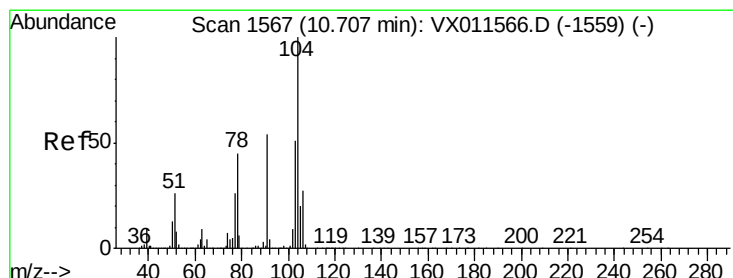
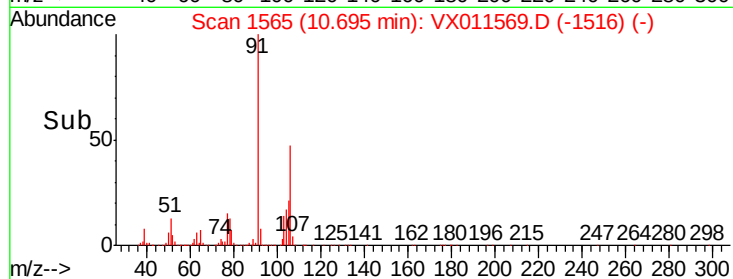
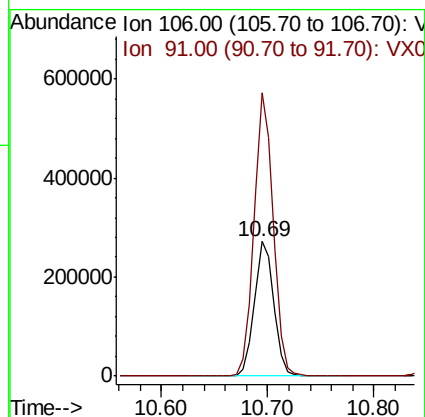
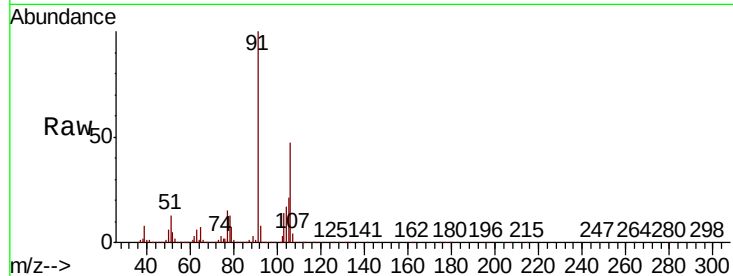




#69
o-Xylene
Concen: 51.078 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

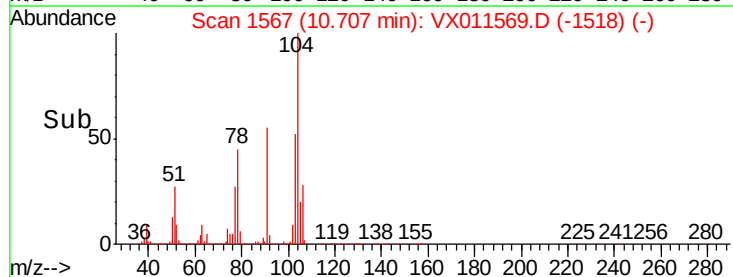
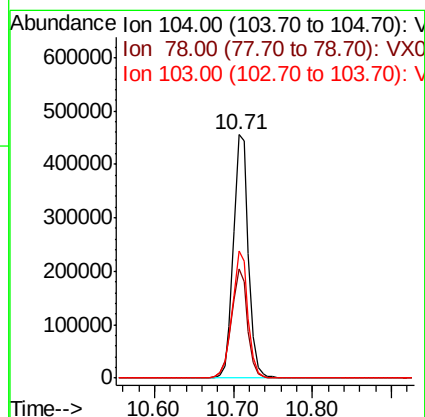
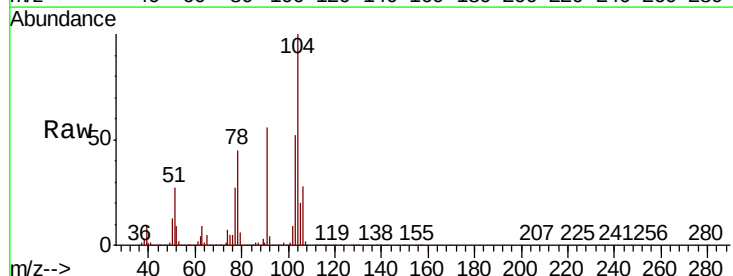
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

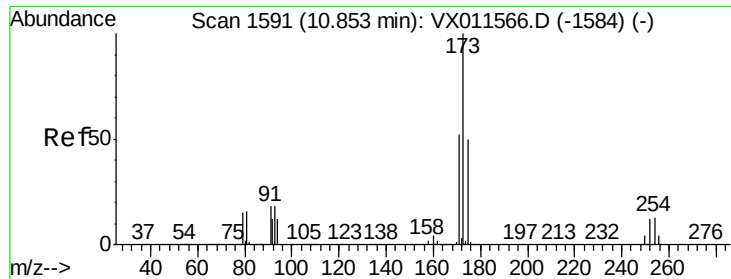
Tgt Ion:106 Resp: 350397
Ion Ratio Lower Upper
106 100
91 206.3 105.5 316.4



#70
Styrene
Concen: 52.261 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion:104 Resp: 603533
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 54.6 43.6 65.4

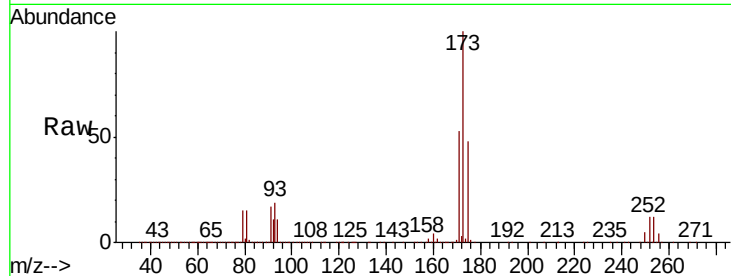




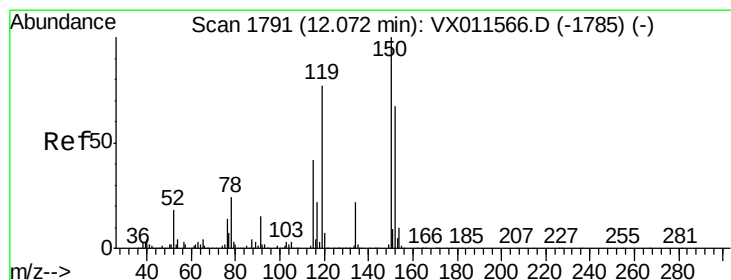
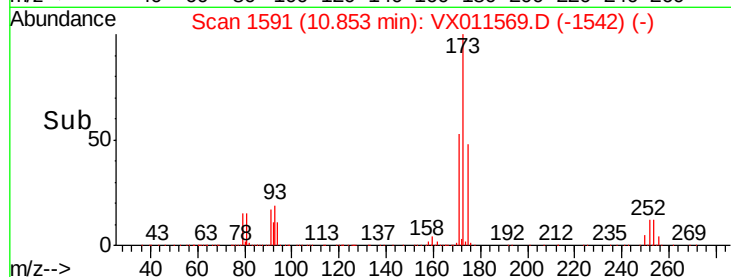
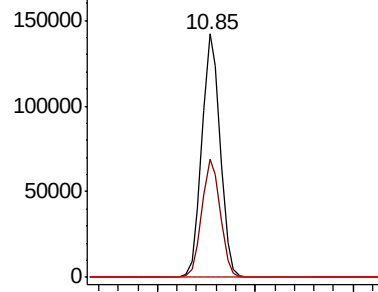
#71
Bromoform
Concen: 46.990 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

Tgt Ion:173 Resp: 185747
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.7
254 0.2 0.1 0.1#

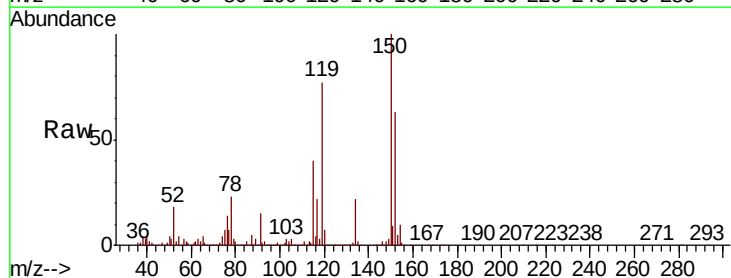


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

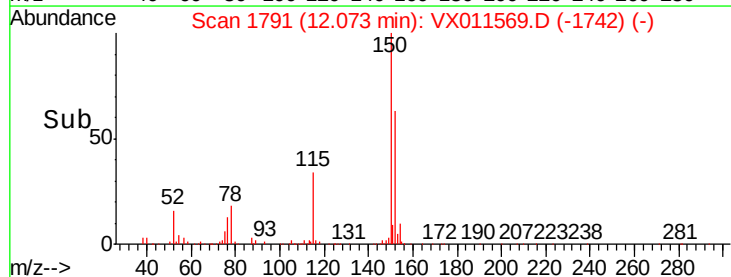
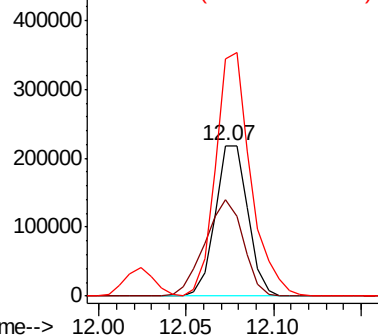


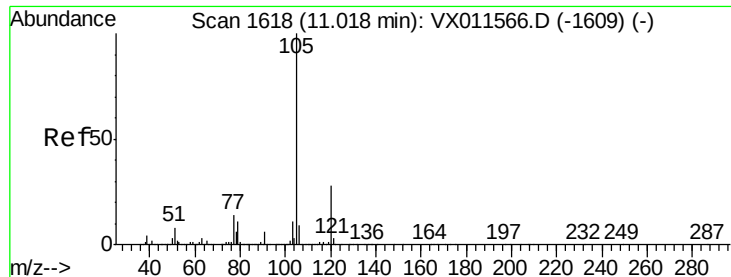
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion:152 Resp: 282053
Ion Ratio Lower Upper
152 100
115 75.8 37.3 111.9
150 174.1 0.0 346.2



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: 51.383 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

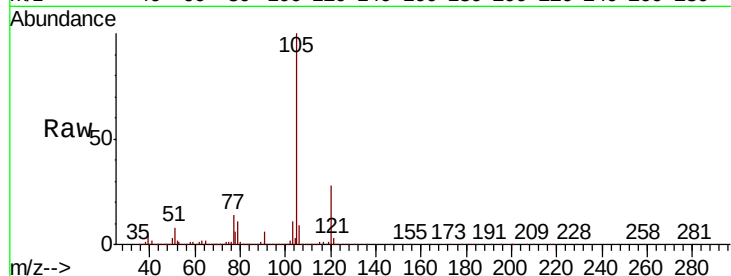
ICVX081519

Tgt Ion: 105 Resp: 940409

Ion Ratio Lower Upper

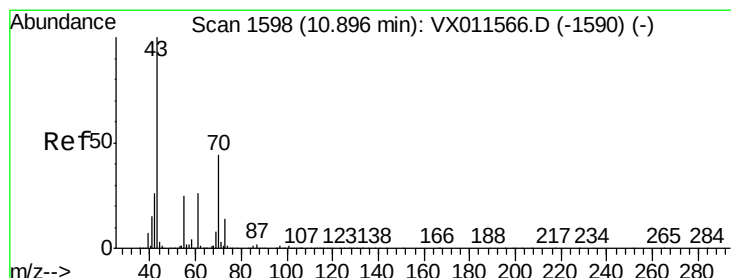
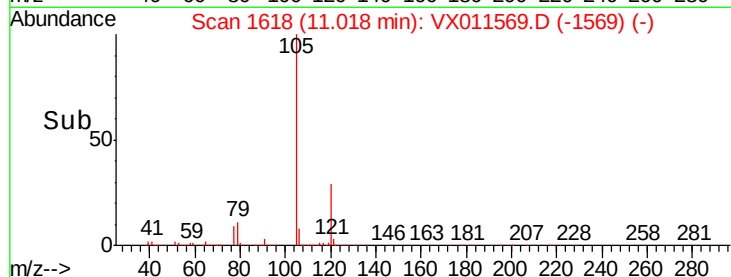
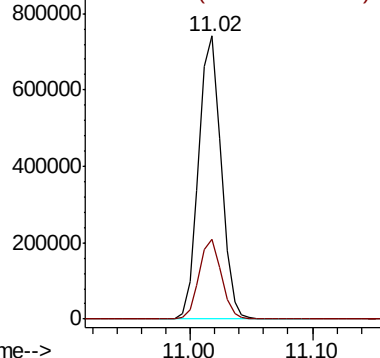
105 100

120 27.8 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.498 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Tgt Ion: 43 Resp: 400539

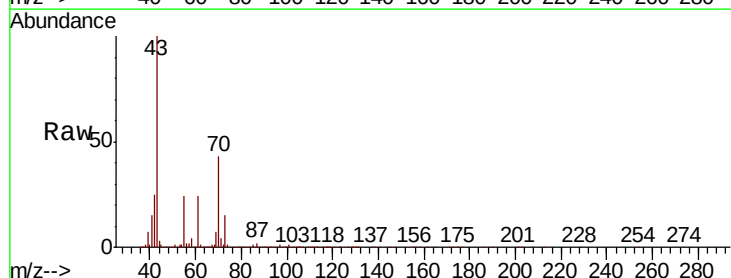
Ion Ratio Lower Upper

43 100

70 42.8 34.7 52.1

55 24.1 19.6 29.4

61 24.4 19.9 29.9

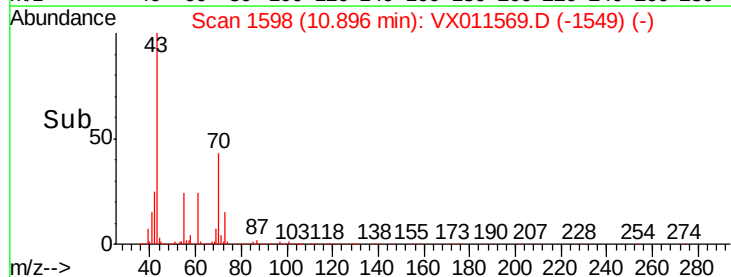
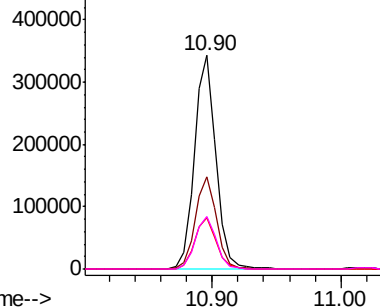


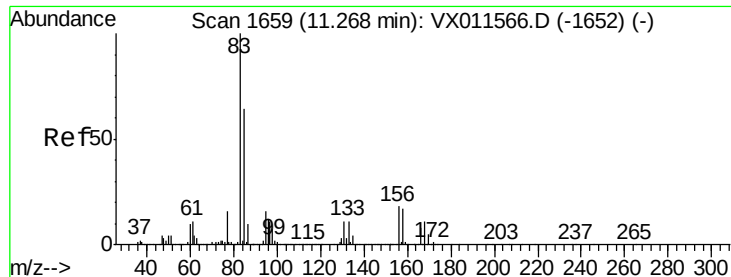
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.599 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

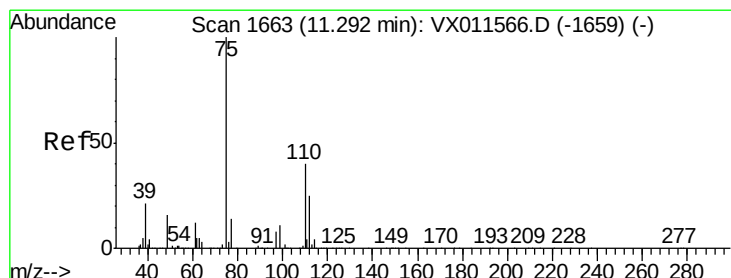
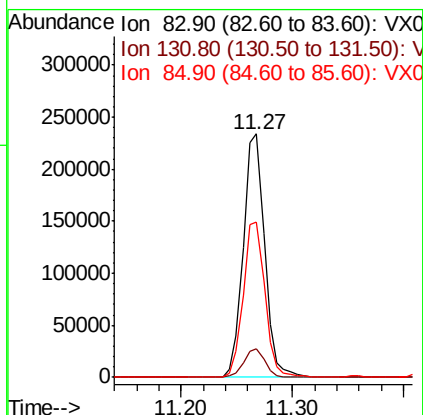
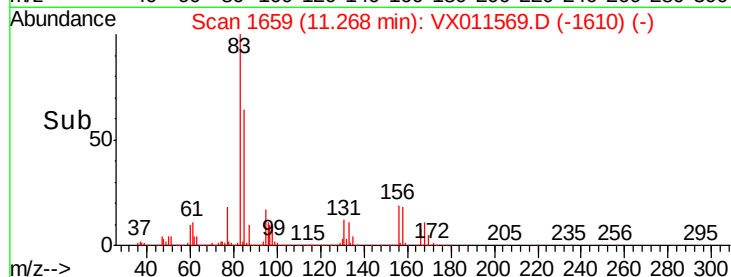
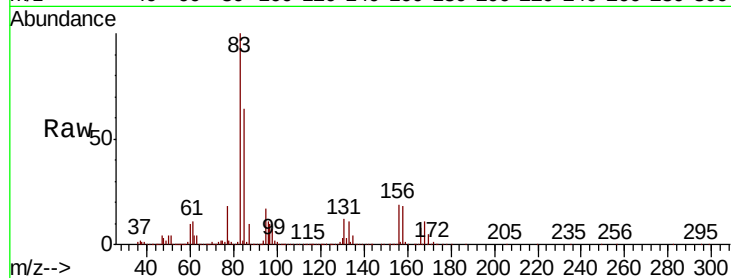
Tgt Ion: 83 Resp: 312271

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.3

85 65.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 65.529 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011569.D

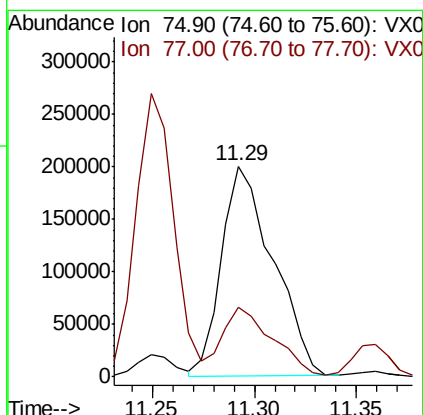
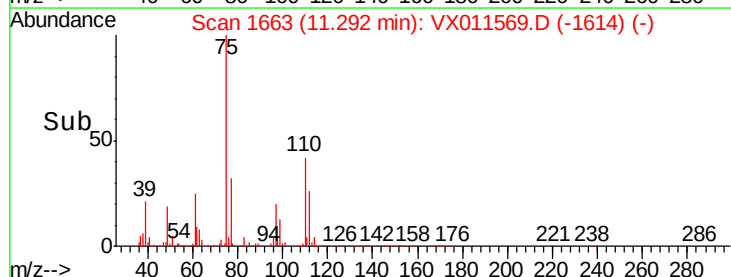
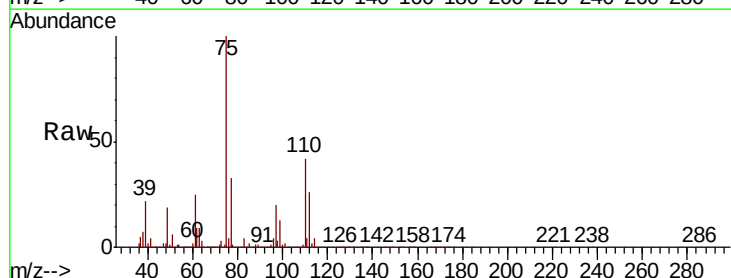
Acq: 15 Aug 2019 20:01

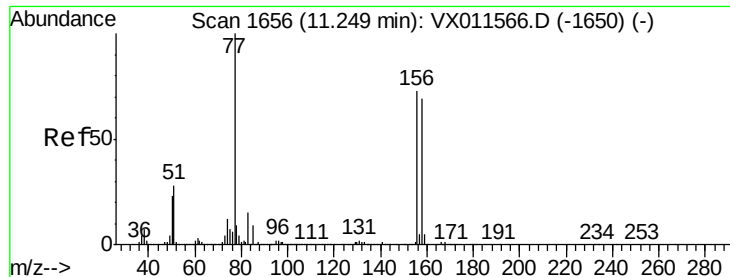
Tgt Ion: 75 Resp: 350474

Ion Ratio Lower Upper

75 100

77 32.7 20.9 62.8





#77

Bromobenzene

Concen: 50.787 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

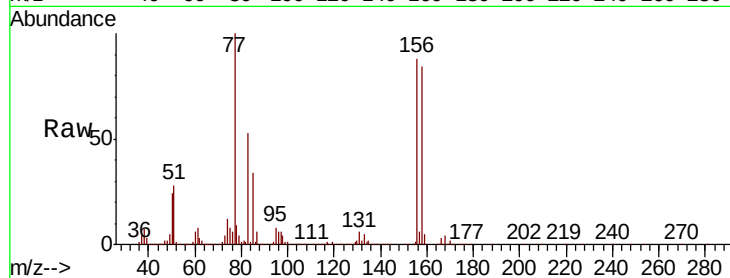
Tgt Ion:156 Resp: 276542

Ion Ratio Lower Upper

156 100

77 127.0 64.6 193.9

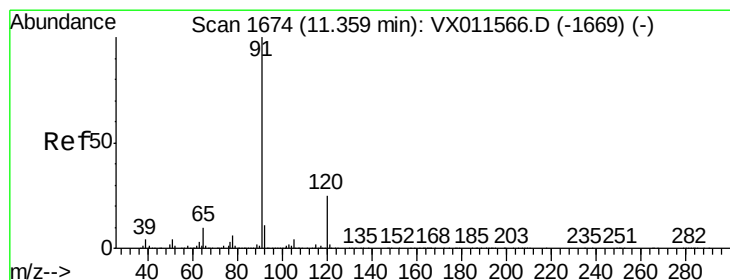
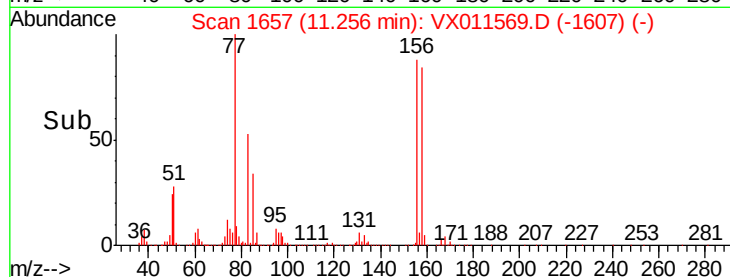
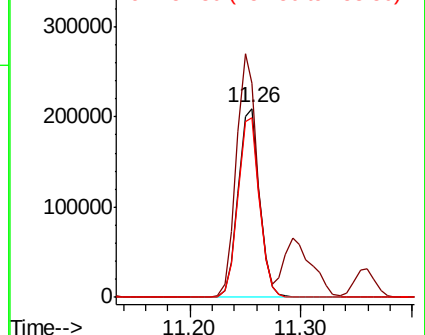
158 96.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.452 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011569.D

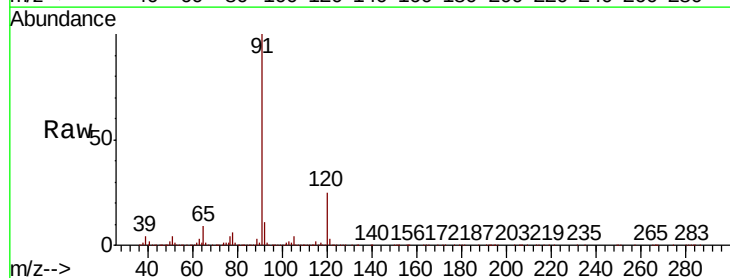
Acq: 15 Aug 2019 20:01

Tgt Ion: 91 Resp: 1035141

Ion Ratio Lower Upper

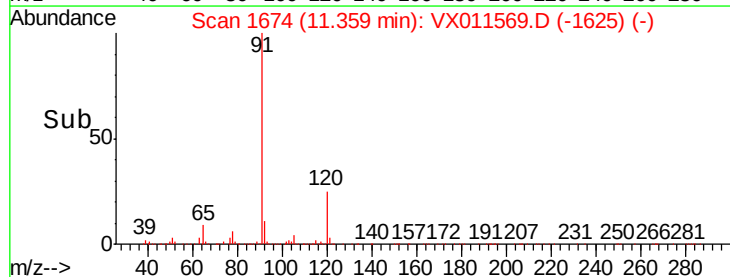
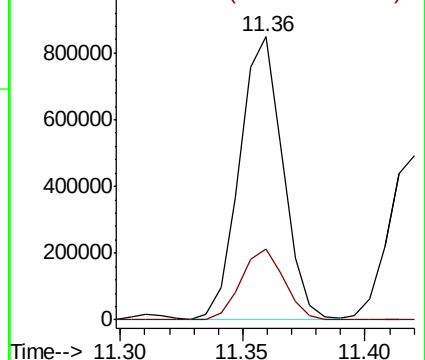
91 100

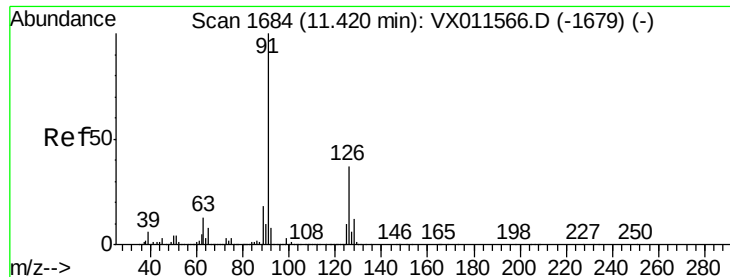
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.248 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

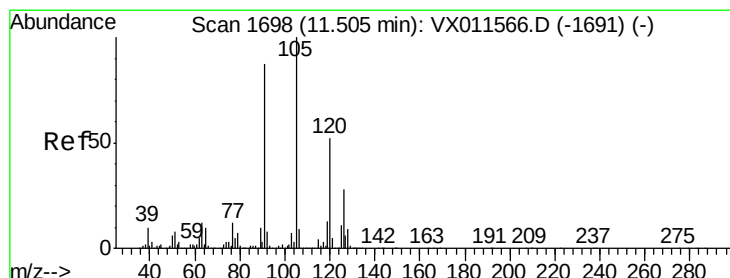
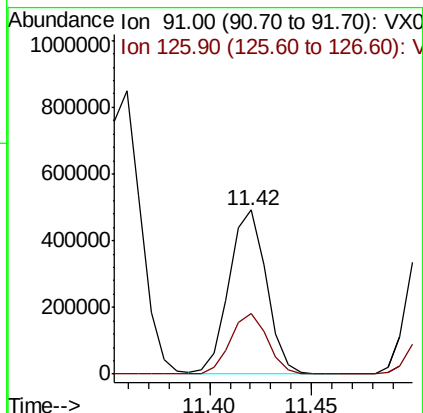
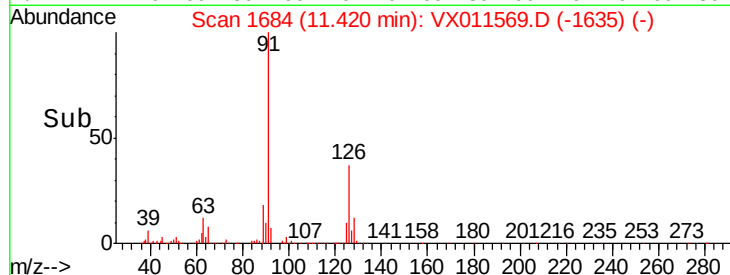
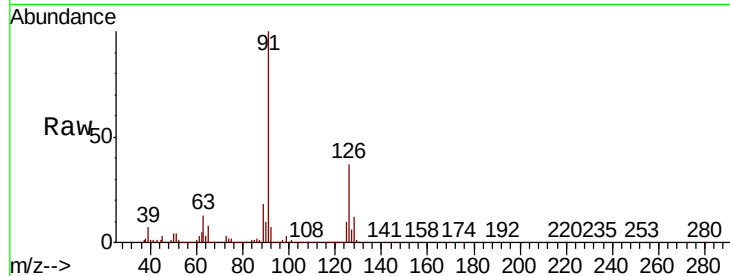
ICVVX081519

Tgt Ion: 91 Resp: 621037

Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 51.706 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011569.D

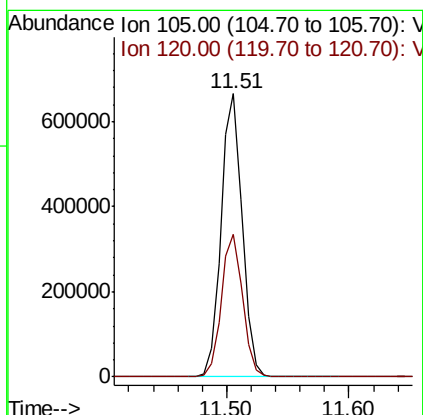
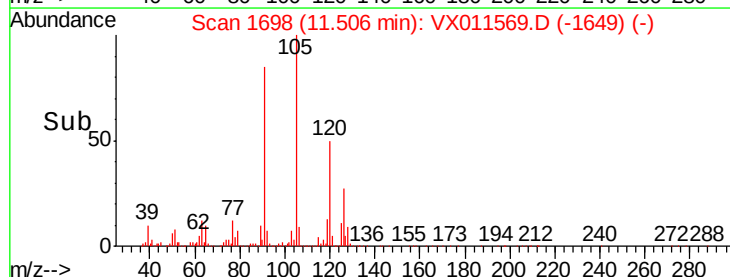
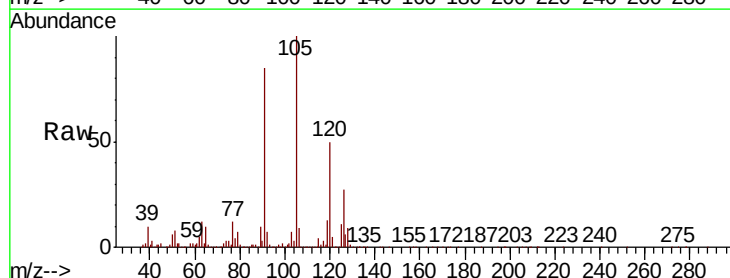
Acq: 15 Aug 2019 20:01

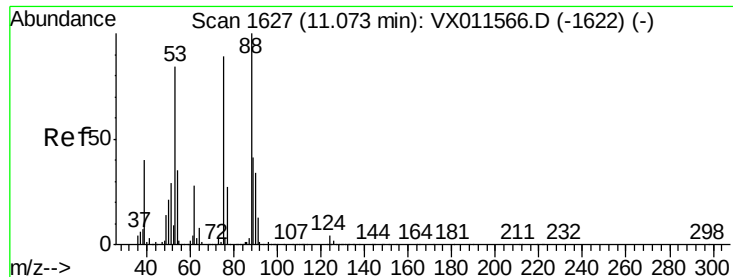
Tgt Ion: 105 Resp: 794952

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8

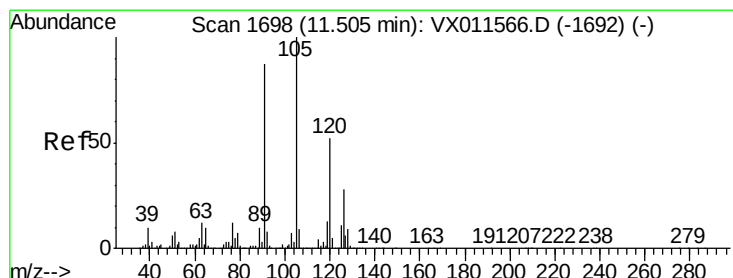
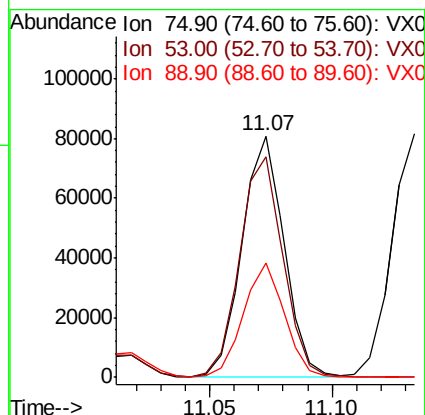
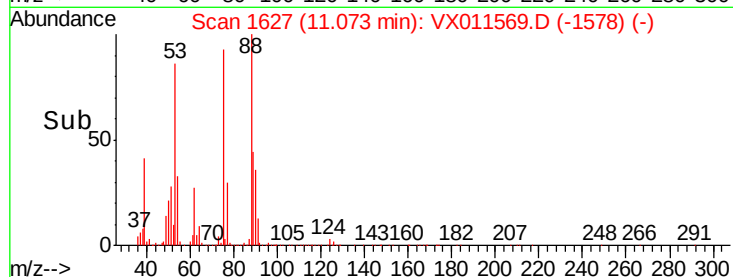
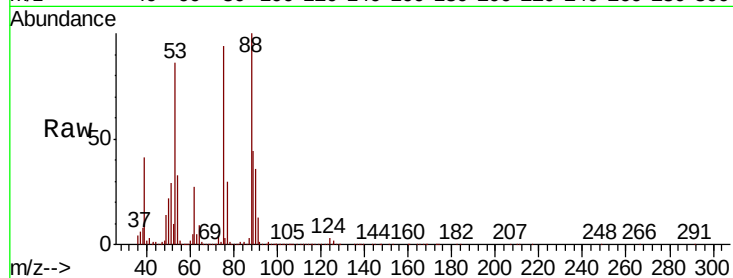




#81
trans-1,4-Dichloro-2-butene
Concen: 48.780 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

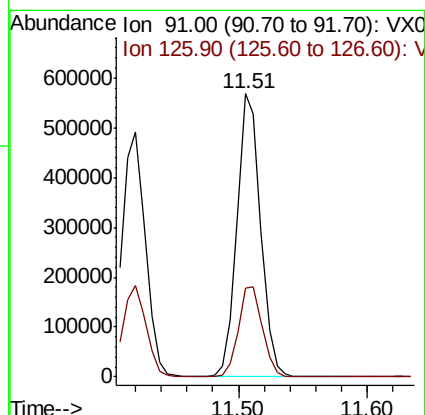
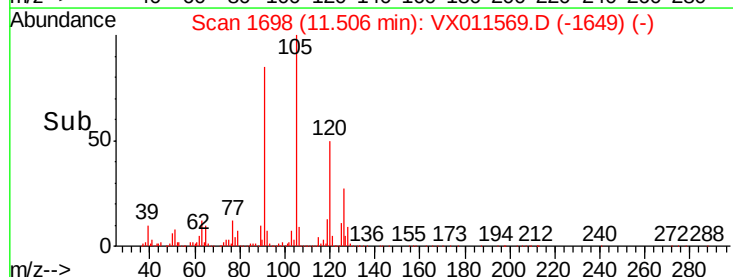
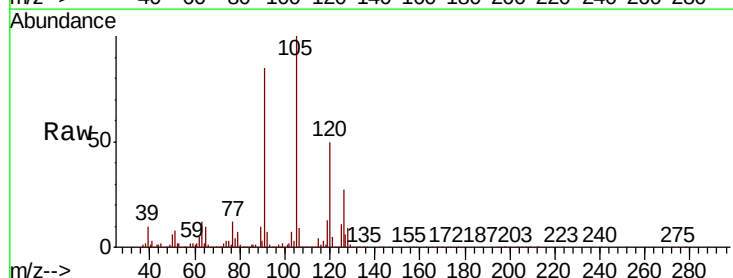
Instrument :
MSVOA_X
ClientSampleId :
ICVVX081519

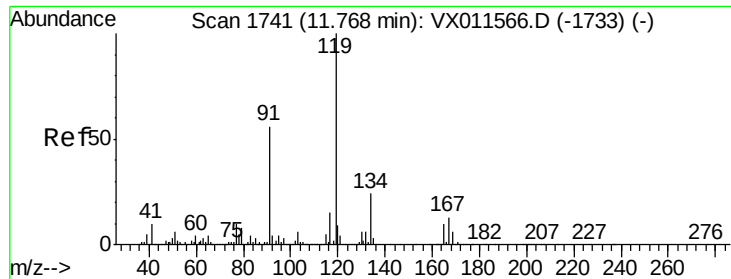
Tgt Ion: 75 Resp: 96071
Ion Ratio Lower Upper
75 100
53 94.4 77.4 116.0
89 46.9 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.528 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 91 Resp: 724435
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

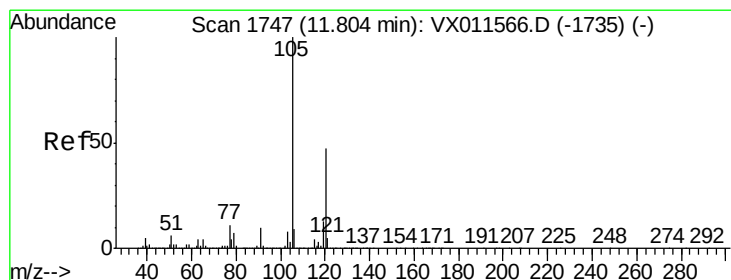
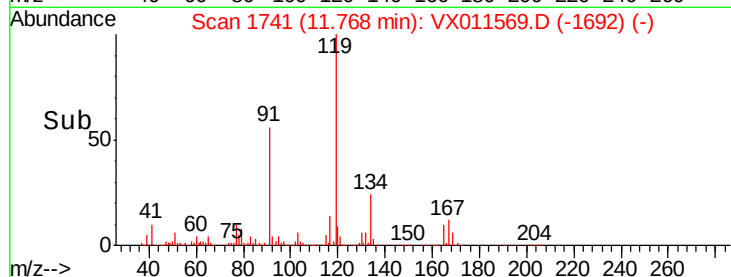
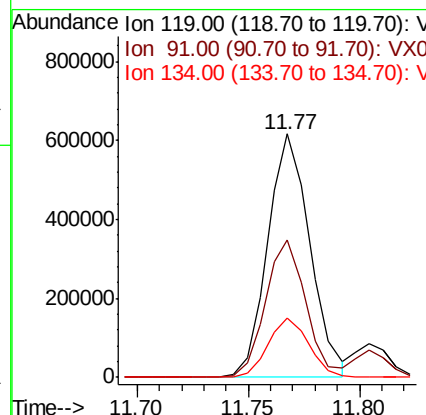
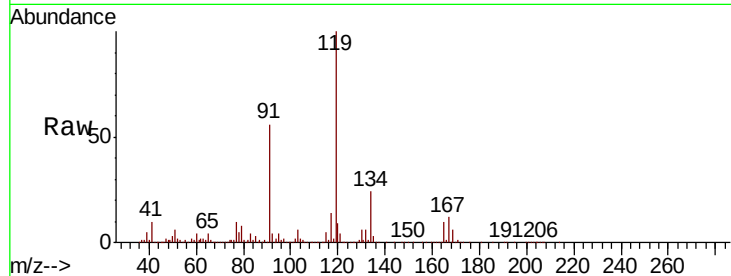




#83
 tert-Butylbenzene
 Concen: 51.782 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

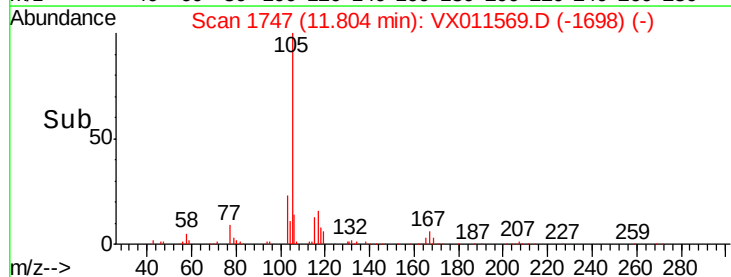
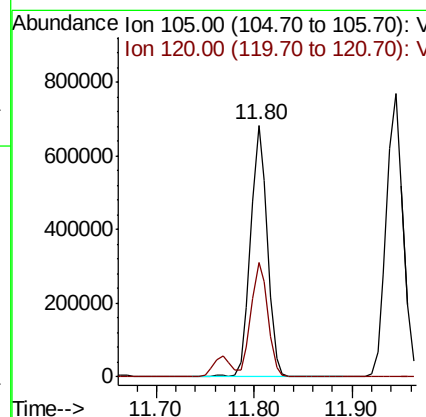
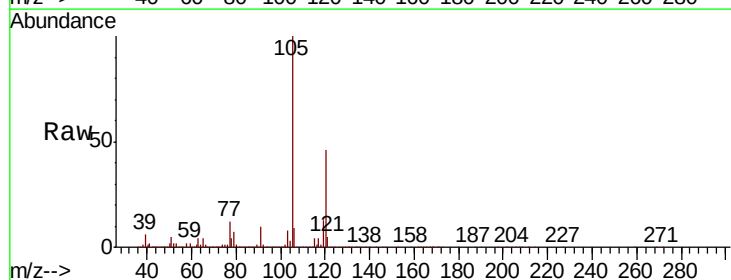
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

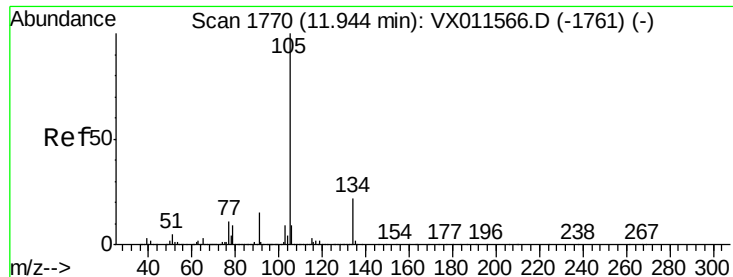
Tgt Ion:119 Resp: 810829
 Ion Ratio Lower Upper
 119 100
 91 54.1 27.1 81.3
 134 23.6 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.502 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion:105 Resp: 810347
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9

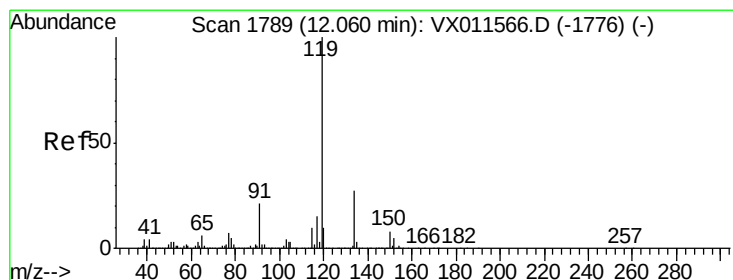
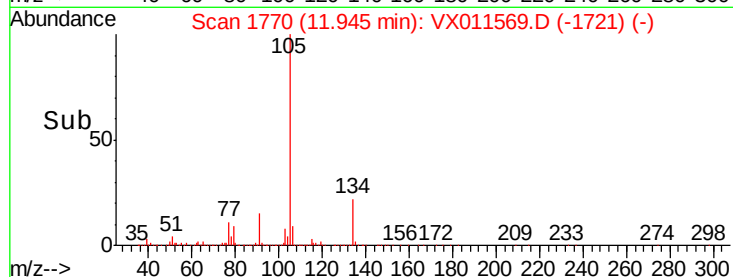
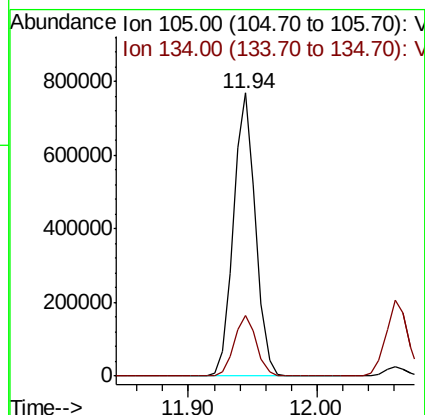
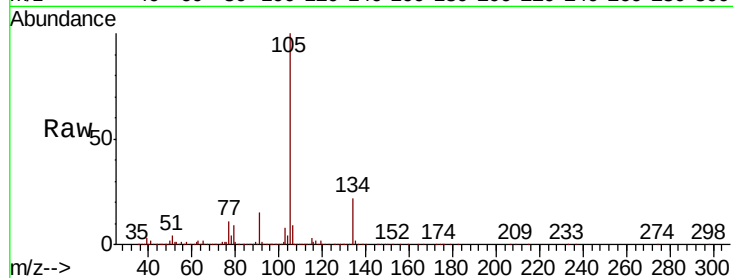




#85
 sec-Butylbenzene
 Concen: 51.992 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

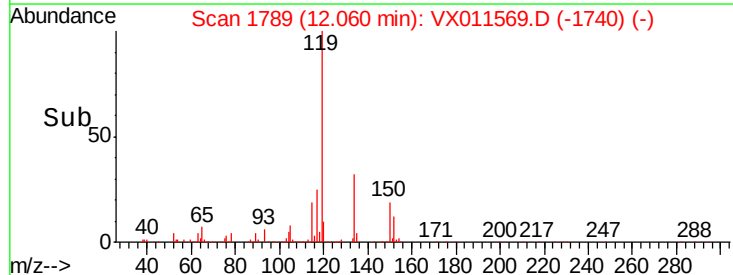
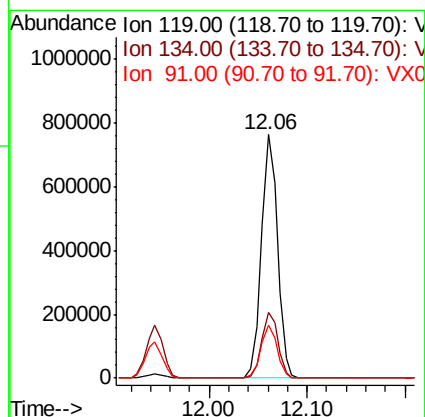
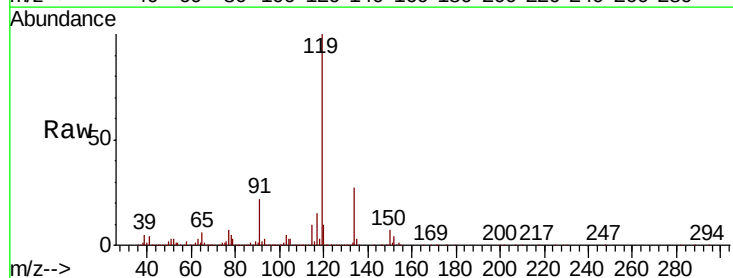
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

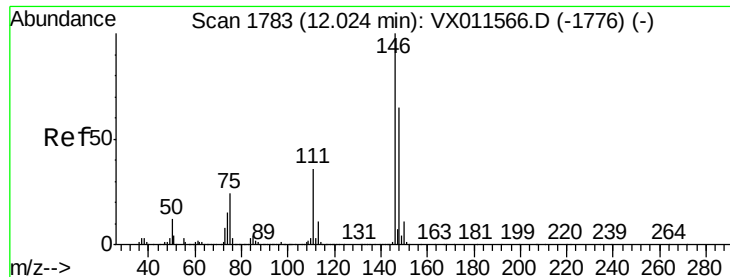
Tgt Ion:105 Resp: 918513
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 52.784 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion:119 Resp: 877272
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.8
 91 21.8 10.9 32.9

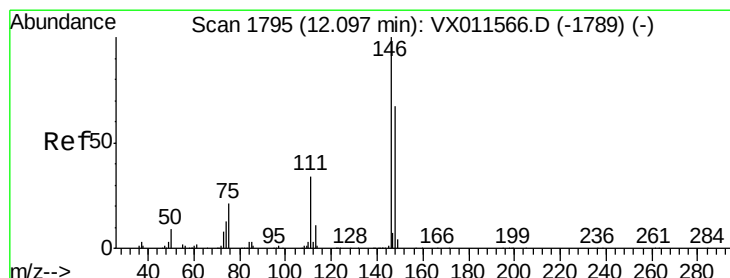
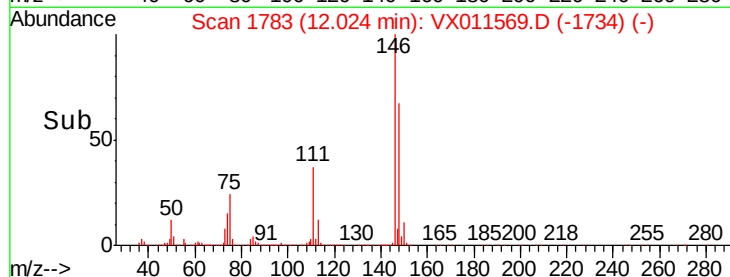
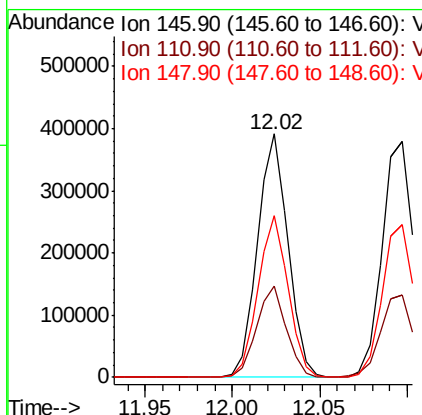
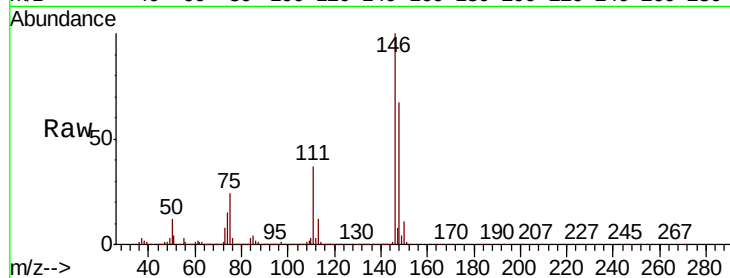




#87
 1,3-Dichlorobenzene
 Concen: 50.558 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

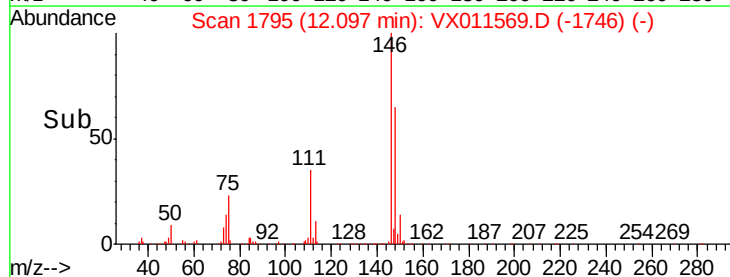
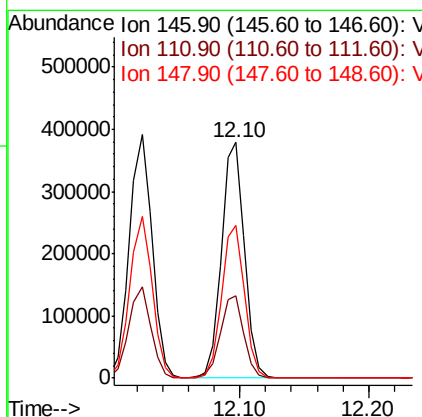
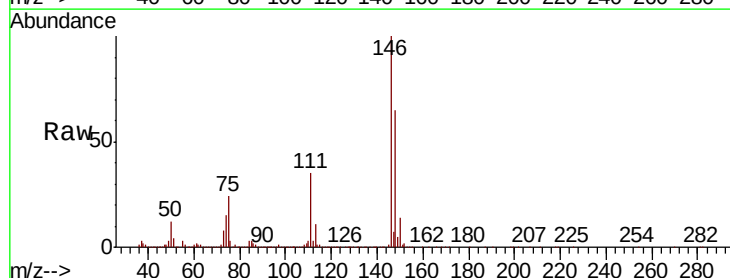
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

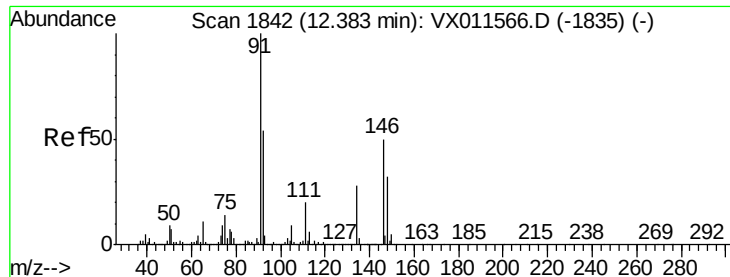
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.4
148	65.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.310 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.9	53.7
148	64.5	32.5	97.5

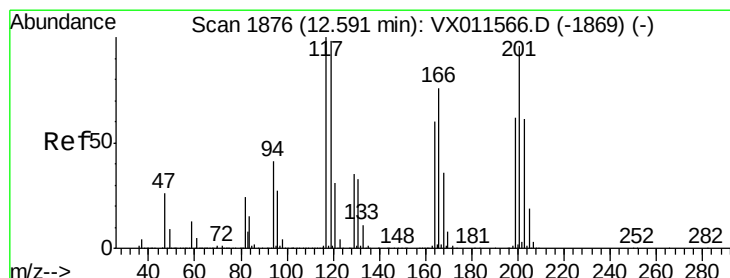
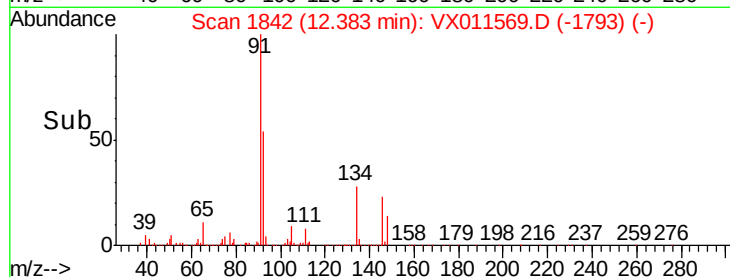
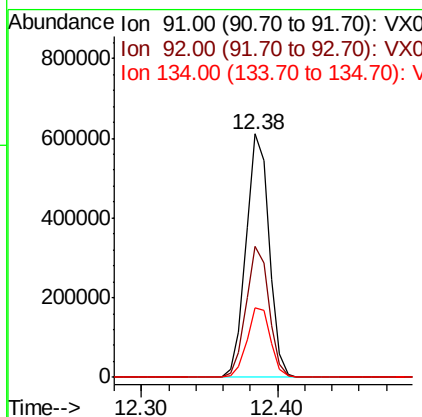
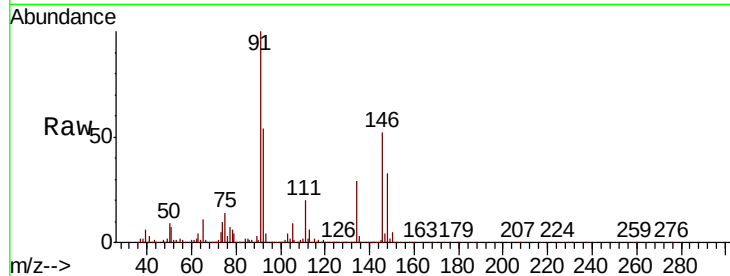




#89
n-Butylbenzene
Concen: 53.079 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

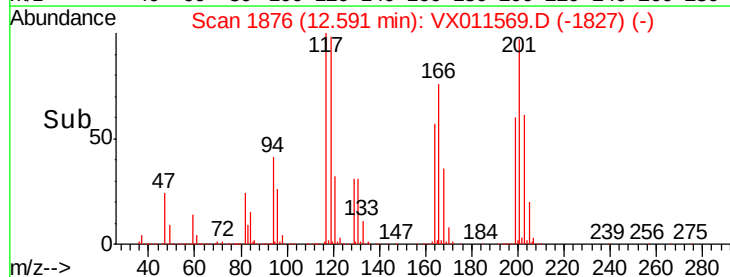
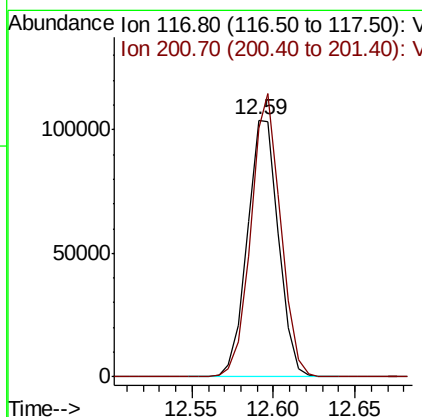
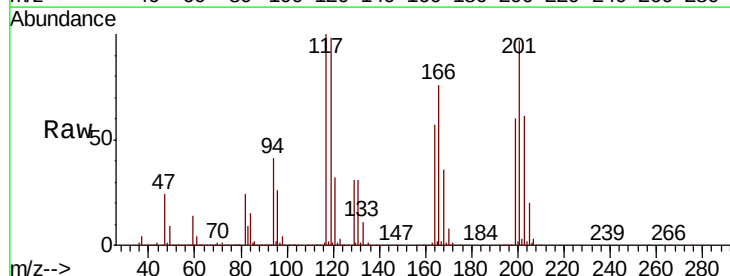
Instrument :
MSVOA_X
ClientSampleId :
ICVX081519

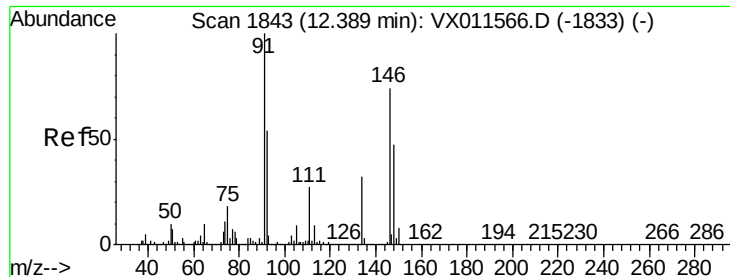
Tgt Ion: 91 Resp: 725274
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 29.2 14.6 44.0



#90
Hexachloroethane
Concen: 52.892 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011569.D
Acq: 15 Aug 2019 20:01

Tgt Ion: 117 Resp: 138819
Ion Ratio Lower Upper
117 100
201 104.3 51.9 155.7

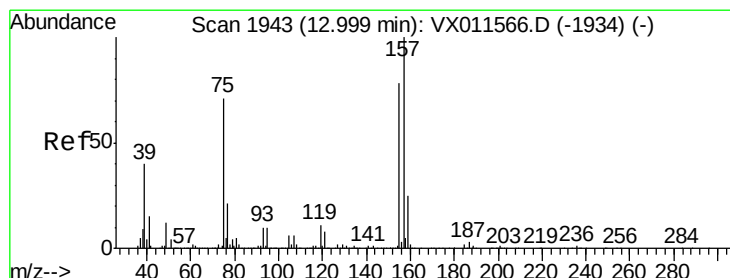
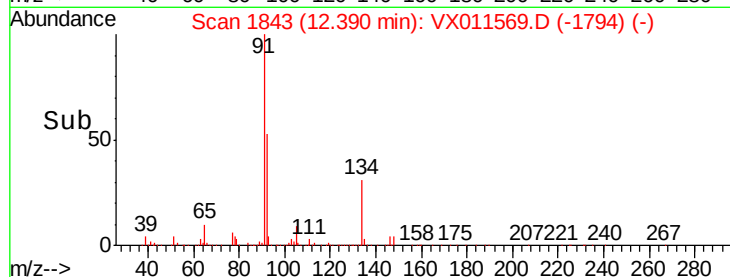
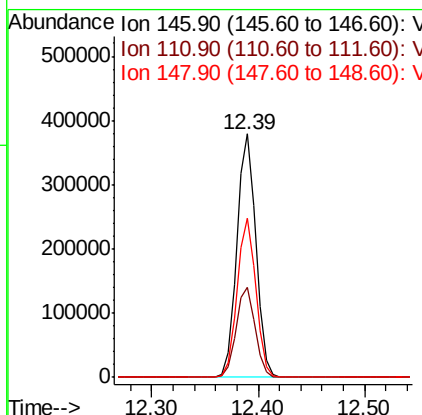
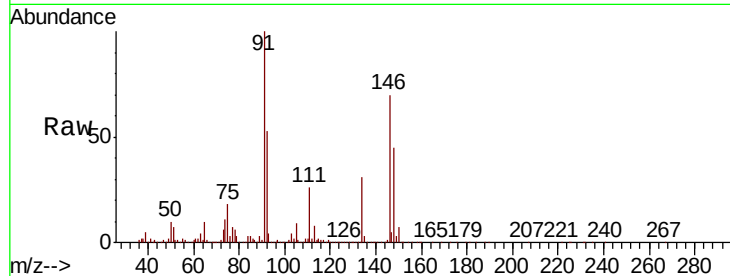




#91
 1,2-Dichlorobenzene
 Concen: 50.559 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

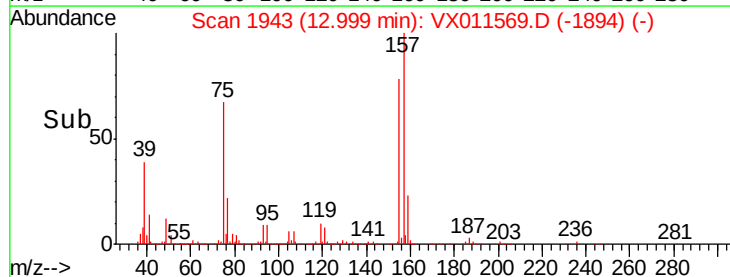
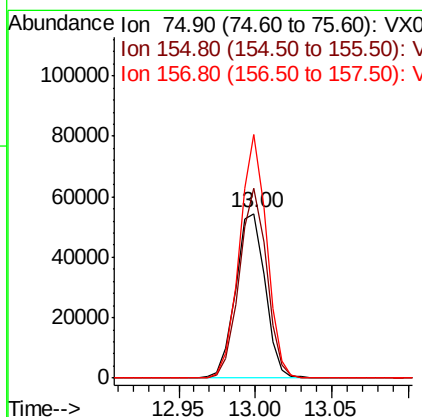
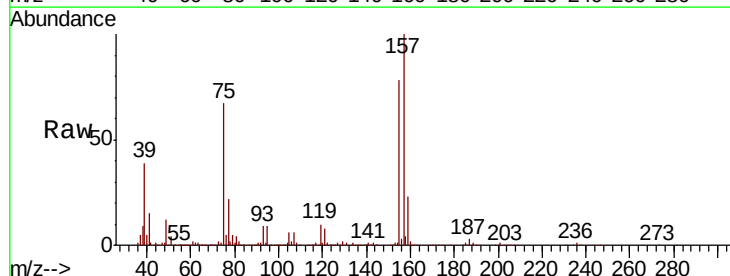
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

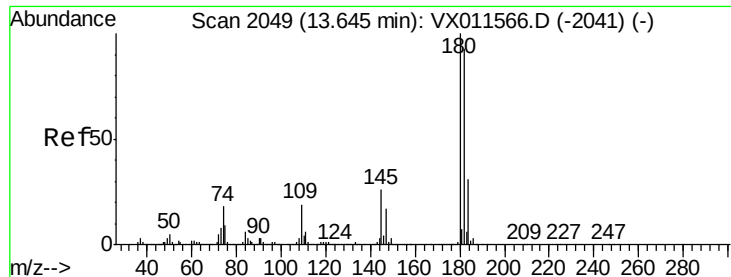
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.299 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.8	53.0	159.0
157	136.6	68.3	205.1

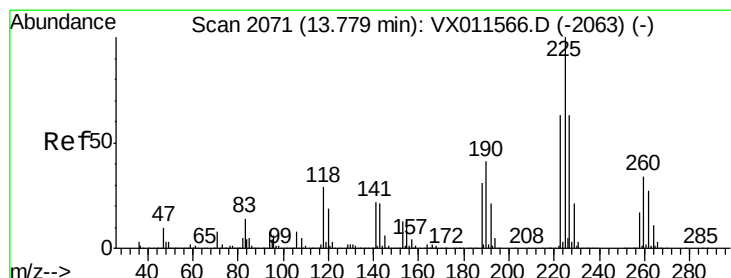
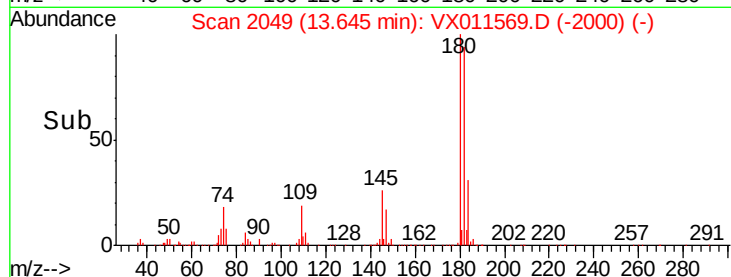
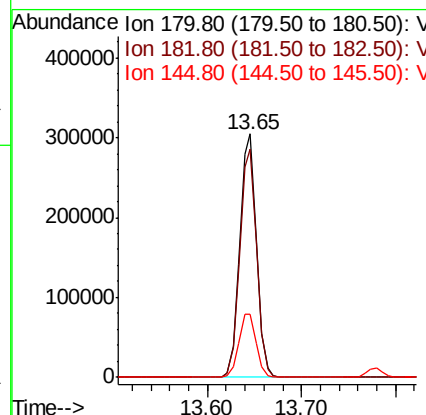
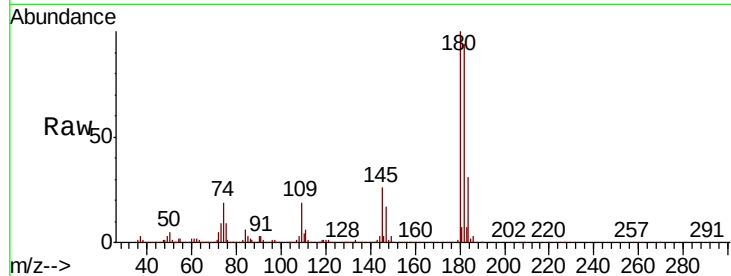




#93
 1,2,4-Trichlorobenzene
 Concen: 52.954 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

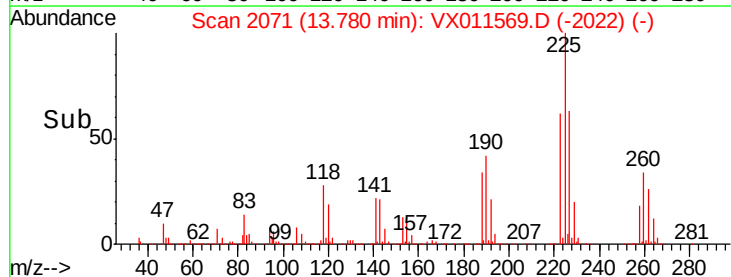
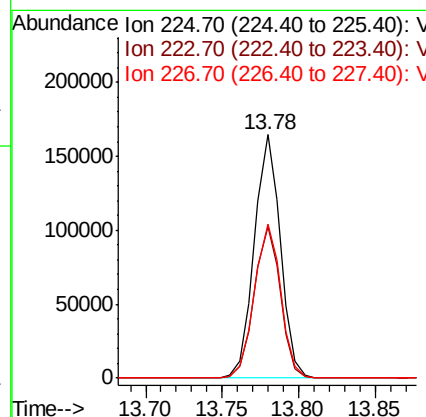
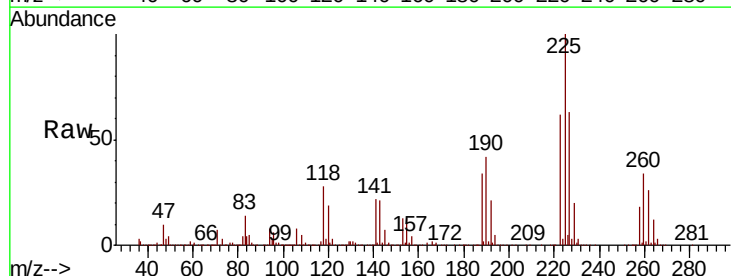
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081519

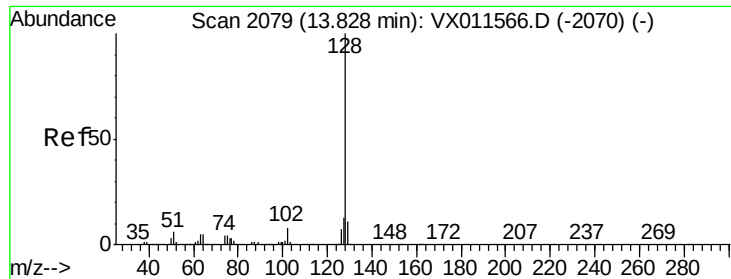
Tgt Ion:180 Resp: 370701
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 27.1 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 51.063 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011569.D
 Acq: 15 Aug 2019 20:01

Tgt Ion:225 Resp: 194645
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.0
 227 64.0 31.2 93.6





#95

Naphthalene

Concen: 54.295 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081519

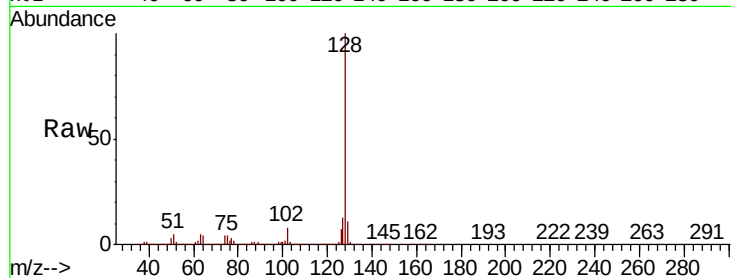
Tgt Ion:128 Resp: 1074533

Ion Ratio Lower Upper

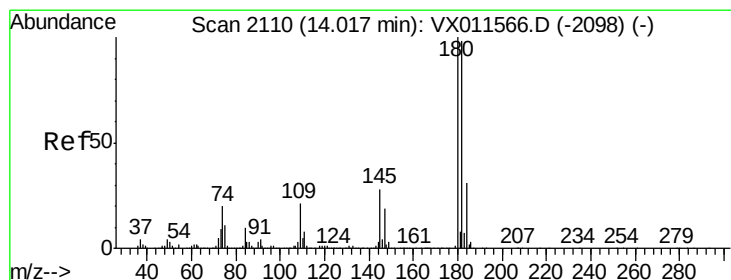
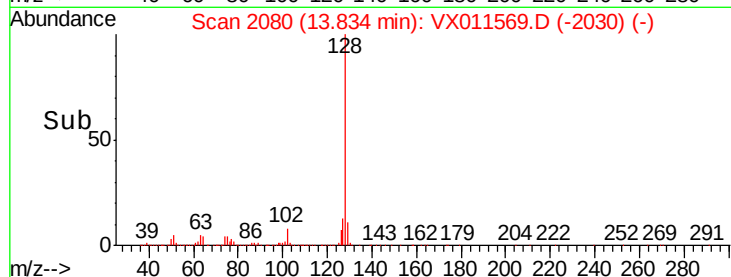
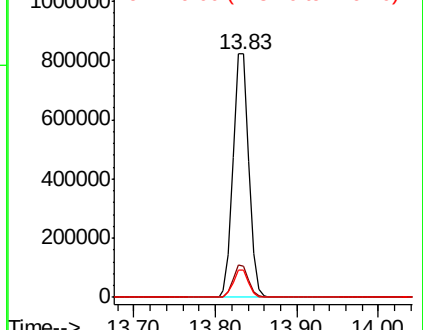
128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1



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: 53.067 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011569.D

Acq: 15 Aug 2019 20:01

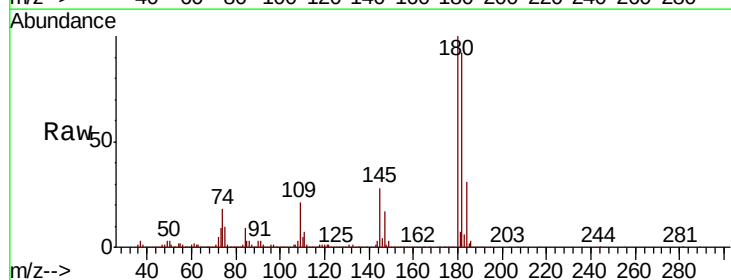
Tgt Ion:180 Resp: 374694

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.0

145 28.9 14.6 43.8



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

