

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
 Data File : VX012600.D
 Acq On : 23 Sep 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Quant Time: Sep 24 01:49:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	205155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	353147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	149118	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	142726	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	5.48	113	106409	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	406267	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	163361	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	110075	47.694	ug/l	98
3) Chloromethane	1.31	50	123003	46.413	ug/l	97
4) Vinyl Chloride	1.40	62	125811	47.761	ug/l	96
5) Bromomethane	1.62	94	54157	52.291	ug/l	99
6) Chloroethane	1.71	64	80116	45.115	ug/l	96
7) Trichlorofluoromethane	1.92	101	179732	48.597	ug/l	99
8) Diethyl Ether	2.17	74	72820	48.046	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	111719	49.595	ug/l	96
10) Methyl Iodide	2.50	142	97595	42.004	ug/l	96
11) Tert butyl alcohol	3.03	59	165138	221.280	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106507	48.286	ug/l	99
13) Acrolein	2.28	56	85068	206.482	ug/l	99
14) Allyl chloride	2.72	41	215254	49.186	ug/l	98
15) Acrylonitrile	3.13	53	349796	231.032	ug/l	98
16) Acetone	2.43	43	381117	240.848	ug/l	98
17) Carbon Disulfide	2.56	76	311108	50.310	ug/l	100
18) Methyl Acetate	2.76	43	166345	44.644	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	403846	48.370	ug/l	98
20) Methylene Chloride	2.84	84	124415	46.486	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	119799	49.024	ug/l	97
22) Diisopropyl ether	3.84	45	405616	47.967	ug/l	96
23) Vinyl Acetate	3.80	43	1818438	245.217	ug/l	97
24) 1,1-Dichloroethane	3.68	63	222981	48.511	ug/l	98
25) 2-Butanone	4.65	43	524734	231.270	ug/l	95
26) 2,2-Dichloropropane	4.57	77	204148	49.937	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	136704	48.212	ug/l	96
28) Bromochloromethane	5.00	49	86456	51.801	ug/l	98
29) Tetrahydrofuran	5.11	42	318808	230.533	ug/l	98
30) Chloroform	5.20	83	225090	47.864	ug/l	97
31) Cyclohexane	5.56	56	209139	50.294	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	200927	48.209	ug/l	100
36) 1,1-Dichloropropene	5.79	75	170094	49.970	ug/l	98
37) Ethyl Acetate	4.81	43	193835	48.708	ug/l	99
38) Carbon Tetrachloride	5.77	117	175042	50.622	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	212895	51.952	ug/l	99
40) Benzene	6.13	78	496040	49.528	ug/l	98
41) Methacrylonitrile	5.02	41	107577	48.180	ug/l	95
42) 1,2-Dichloroethane	6.18	62	188135	49.467	ug/l	99
43) Isopropyl Acetate	6.43	43	321928	48.373	ug/l	98
44) Trichloroethene	7.20	130	127261	49.704	ug/l	93
45) 1,2-Dichloropropane	7.50	63	127868	49.867	ug/l	98
46) Dibromomethane	7.65	93	86326	49.447	ug/l	95
47) Bromodichloromethane	7.89	83	177051	50.742	ug/l	100
48) Methyl methacrylate	7.76	41	154426	48.393	ug/l	94
49) 1,4-Dioxane	7.73	88	68727	949.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	972991	236.848	ug/l	97
52) Toluene	8.78	92	317072	50.371	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	204078	52.862	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216635	51.395	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	124641	49.804	ug/l	98
56) Ethyl methacrylate	9.17	69	209685	49.873	ug/l	94
57) 1,3-Dichloropropane	9.37	76	214487	48.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	415284	220.048	ug/l	98
59) 2-Hexanone	9.48	43	756969	240.729	ug/l	95
60) Dibromochloromethane	9.57	129	131468	51.894	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131641	50.543	ug/l	99
64) Tetrachloroethene	9.33	164	106717	48.359	ug/l	97
65) Chlorobenzene	10.14	112	327971	49.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	120480	49.890	ug/l	98
67) Ethyl Benzene	10.25	91	610759	50.523	ug/l	99
68) m/p-Xylenes	10.36	106	461611	101.936	ug/l	100
69) o-Xylene	10.70	106	220282	50.272	ug/l	98
70) Styrene	10.71	104	380187	51.756	ug/l	99
71) Bromoform	10.85	173	87933	52.294	ug/l #	97
73) Isopropylbenzene	11.01	105	598129	49.248	ug/l	100
74) N-amyl acetate	10.89	43	284221	49.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	192385	47.830	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	227733	57.734	ug/l	87
77) Bromobenzene	11.25	156	130746	47.565	ug/l	95
78) n-propylbenzene	11.35	91	696896	50.968	ug/l	99
79) 2-Chlorotoluene	11.42	91	409223	47.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	504834	49.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68296	49.618	ug/l	96
82) 4-Chlorotoluene	11.51	91	478096	49.169	ug/l	98
83) tert-Butylbenzene	11.76	119	489059	49.779	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	517614	50.380	ug/l	98
85) sec-Butylbenzene	11.94	105	581704	50.906	ug/l	100
86) p-Isopropyltoluene	12.06	119	540101	52.382	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	249574	50.452	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	251784	50.370	ug/l	99
89) n-Butylbenzene	12.39	91	482687	53.126	ug/l	98
90) Hexachloroethane	12.59	117	94671	51.501	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	243554	49.179	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49348	49.045	ug/l	97

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

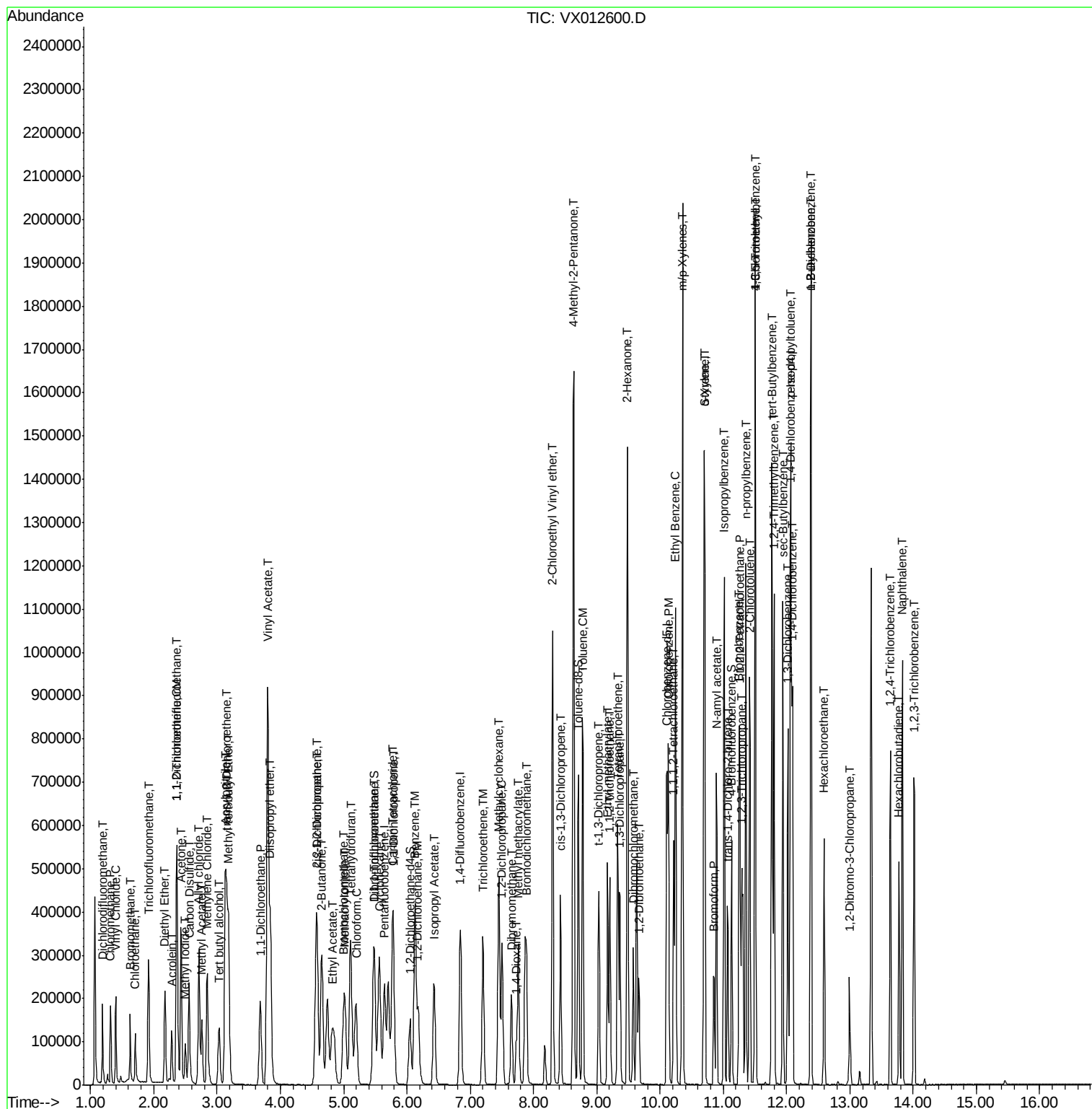
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	160174	53.033	ug/l	99
94) Hexachlorobutadiene	13.78	225	69690	53.636	ug/l	96
95) Naphthalene	13.83	128	577011	52.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159326	52.662	ug/l	99

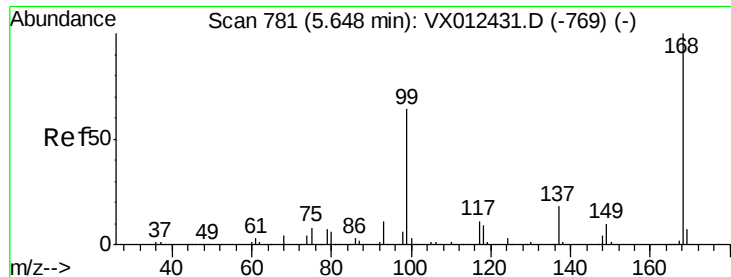
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

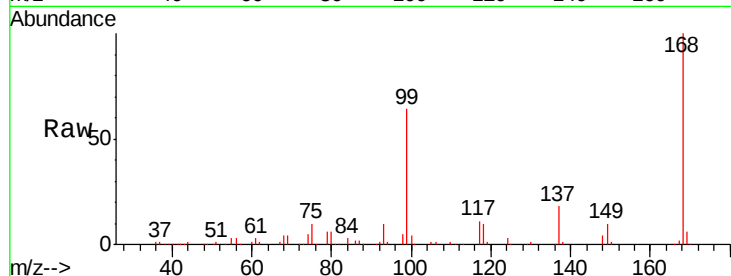
ICVVX092319

Tgt Ion:168 Resp: 205155

Ion Ratio Lower Upper

168 100

99 64.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

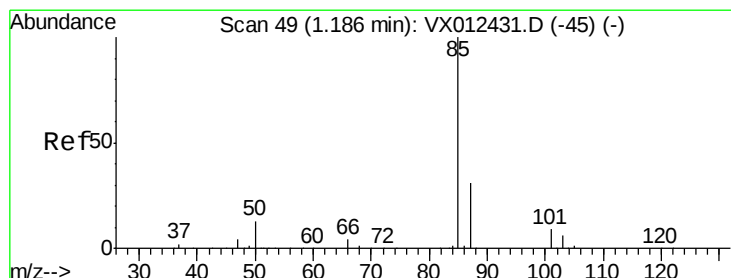
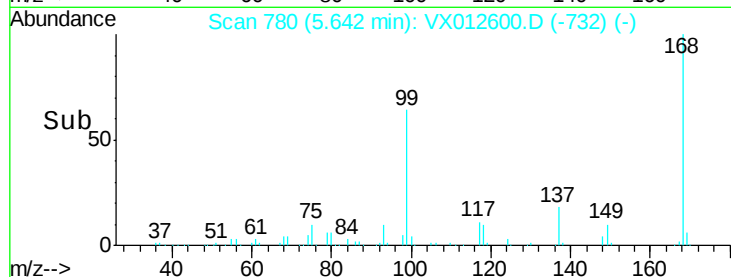
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.694 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012600.D

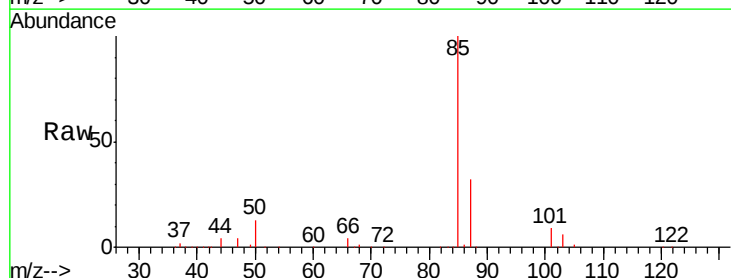
Acq: 23 Sep 2019 12:55

Tgt Ion: 85 Resp: 110075

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

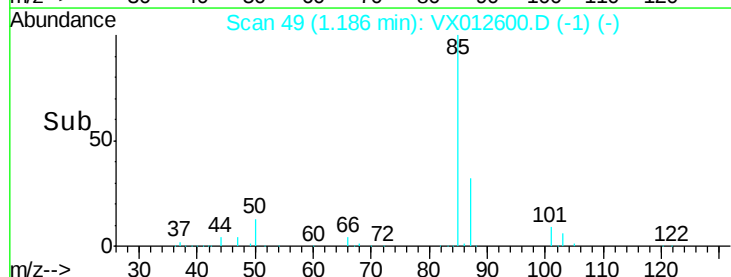
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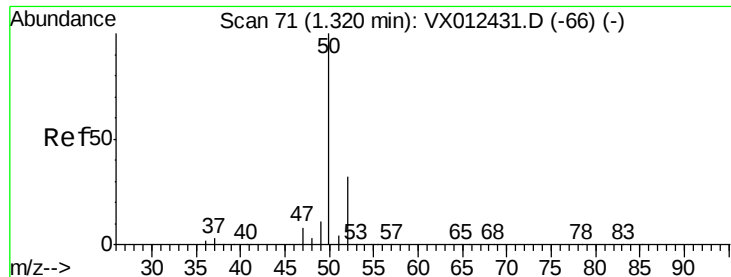
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0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.413 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

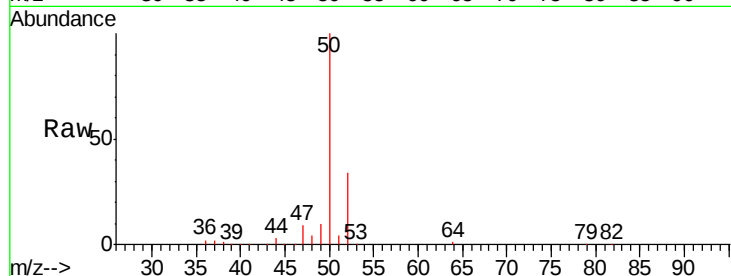
ICVVX092319

Tgt Ion: 50 Resp: 123003

Ion Ratio Lower Upper

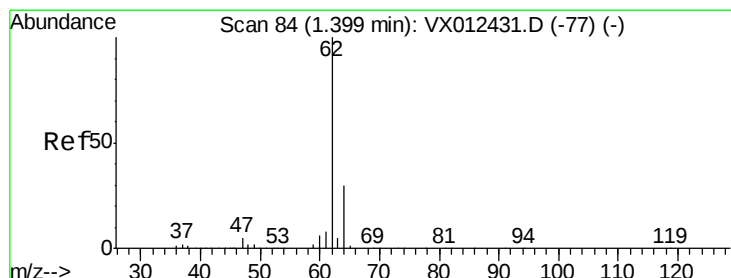
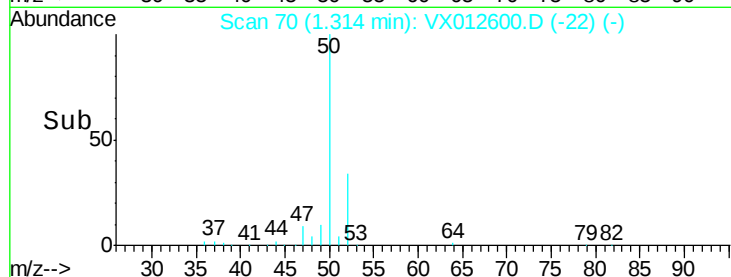
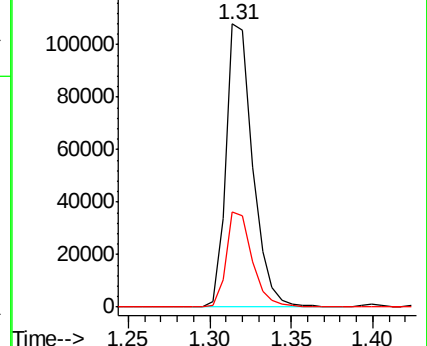
50 100

52 33.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.761 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012600.D

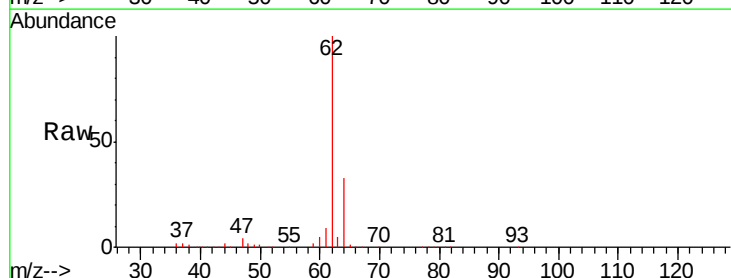
Acq: 23 Sep 2019 12:55

Tgt Ion: 62 Resp: 125811

Ion Ratio Lower Upper

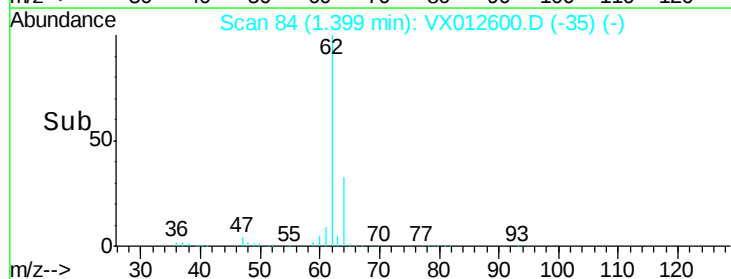
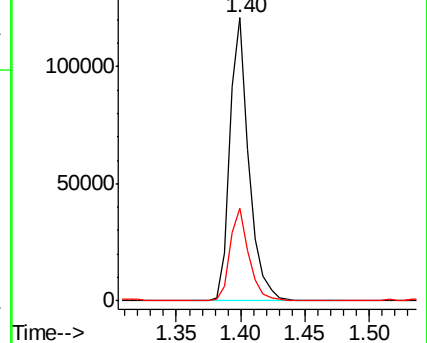
62 100

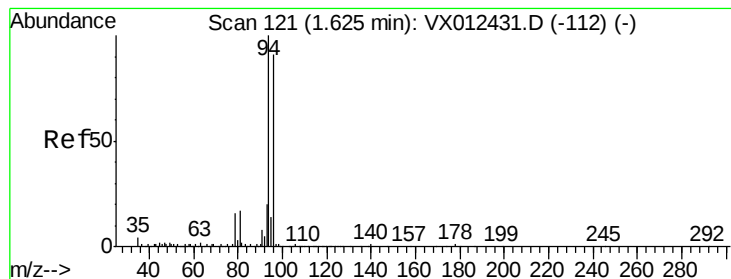
64 32.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.291 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

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ClientSampleId :

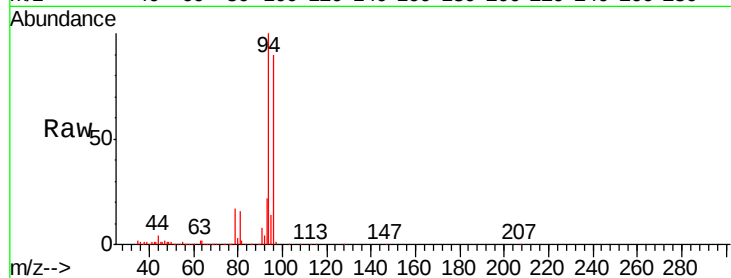
ICVVX092319

Tgt Ion: 94 Resp: 54157

Ion Ratio Lower Upper

94 100

96 90.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

60000

50000

40000

30000

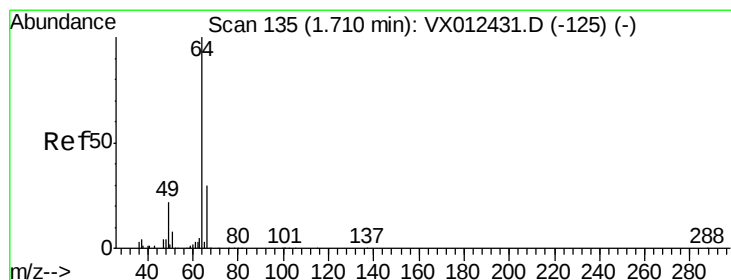
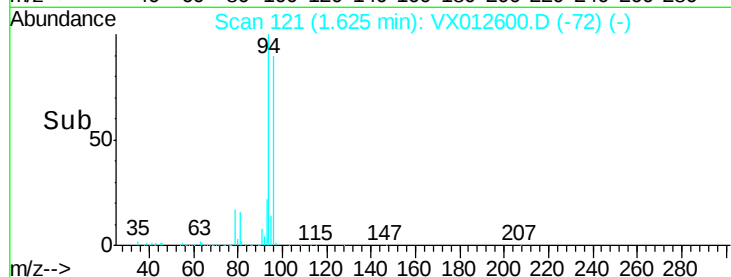
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 45.115 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012600.D

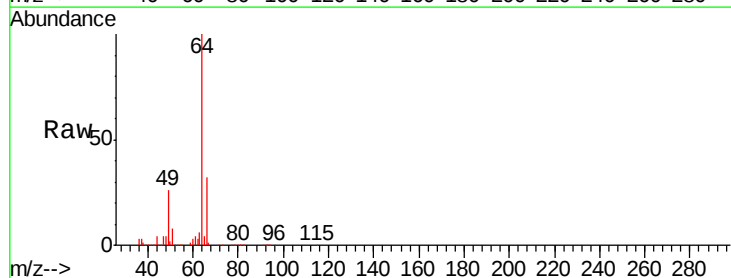
Acq: 23 Sep 2019 12:55

Tgt Ion: 64 Resp: 80116

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

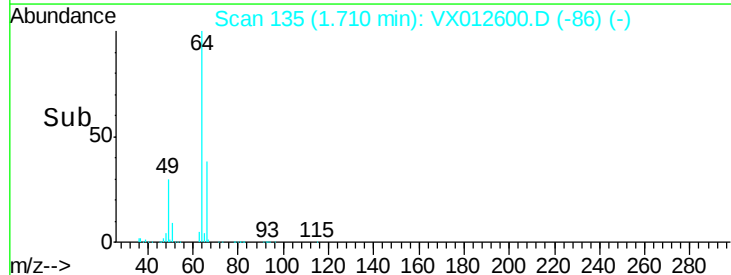
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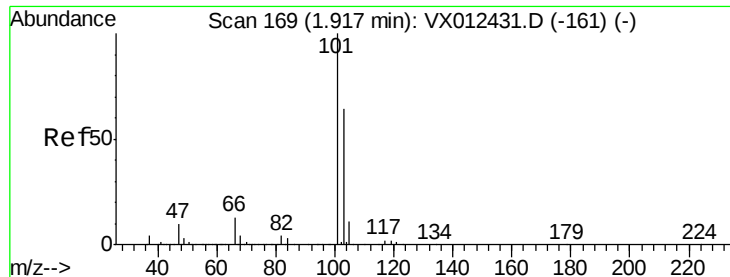
10000

0

1.60 1.70 1.80

Time-->



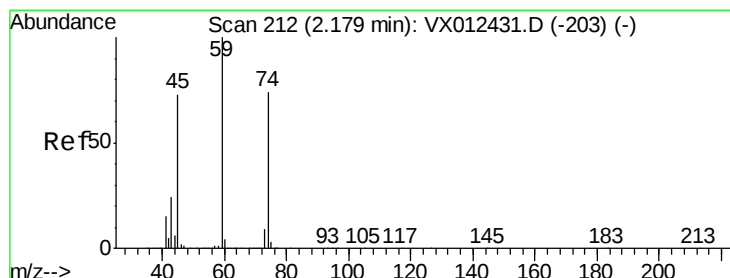
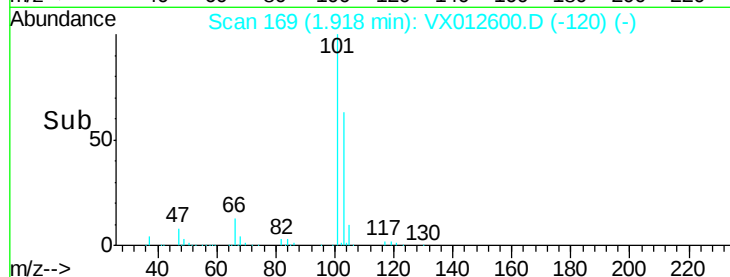
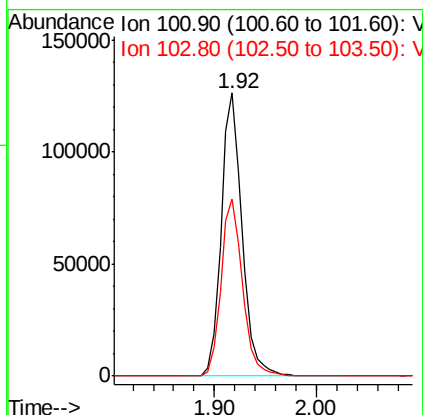
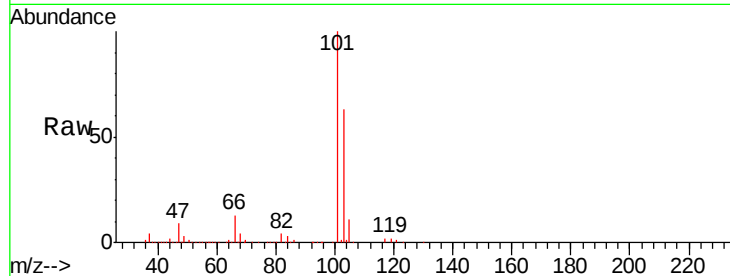


#7

Trichlorofluoromethane
 Concen: 48.597 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
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 ICVVX092319

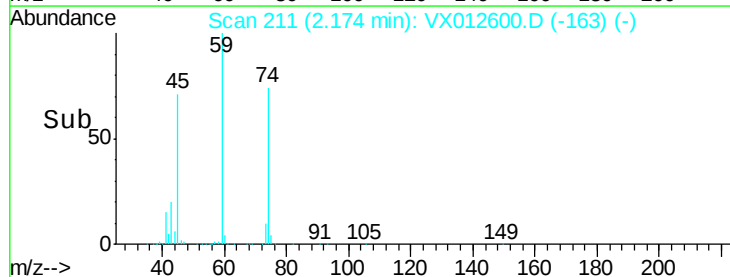
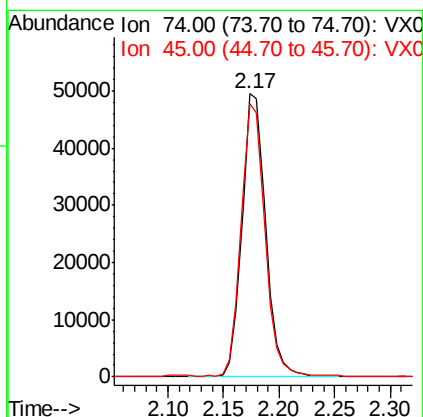
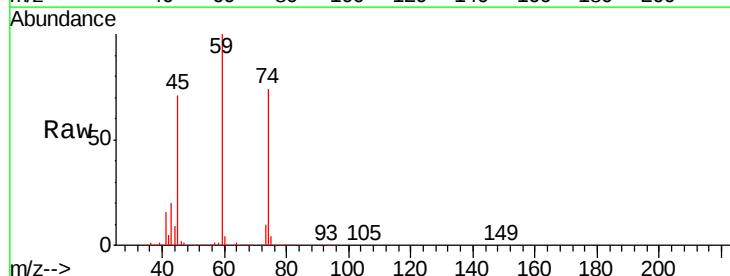
Tgt Ion: 101 Resp: 179732
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.0 76.4

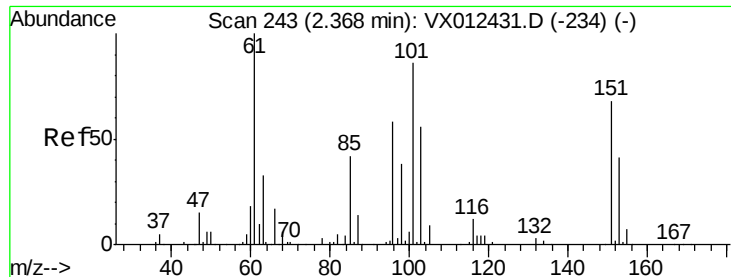


#8

Diethyl Ether
 Concen: 48.046 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 74 Resp: 72820
 Ion Ratio Lower Upper
 74 100
 45 96.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.595 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

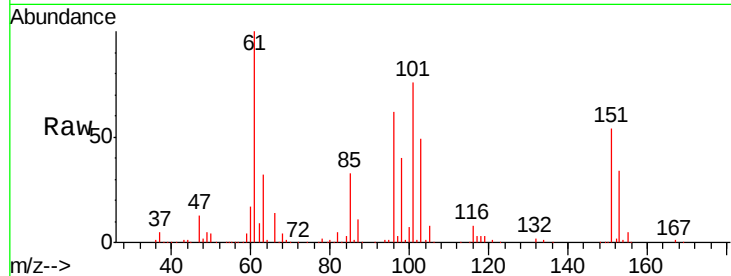
Tgt Ion:101 Resp: 111719

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

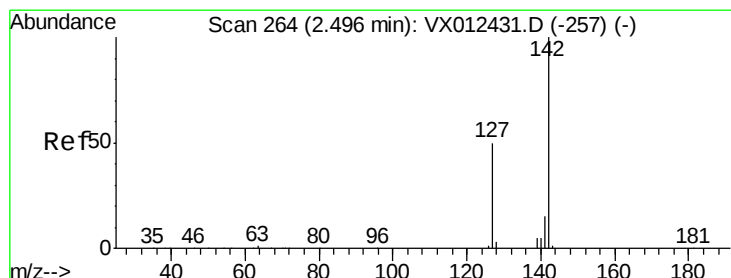
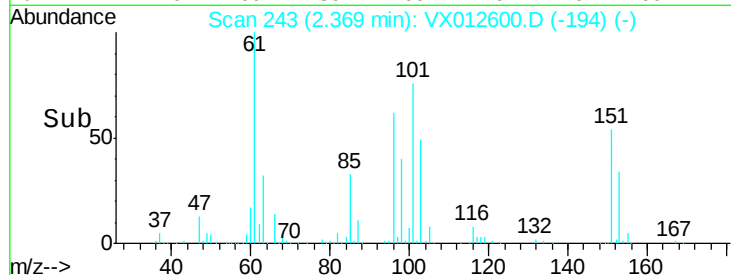
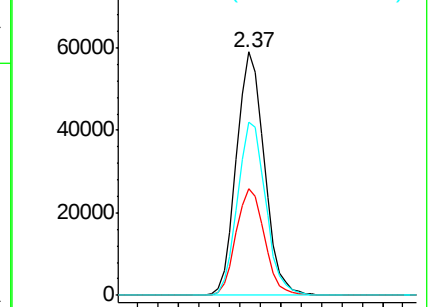
151 71.6 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.004 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

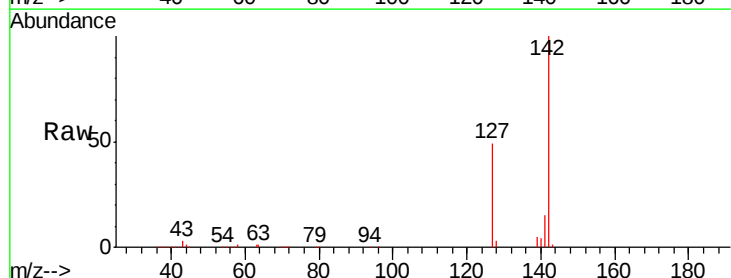
Tgt Ion:142 Resp: 97595

Ion Ratio Lower Upper

142 100

127 47.9 40.8 61.2

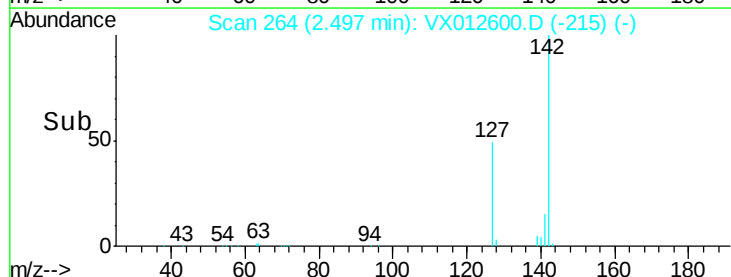
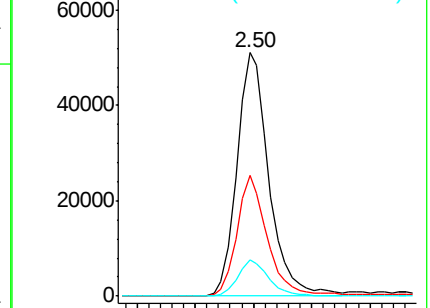
141 14.5 12.1 18.1

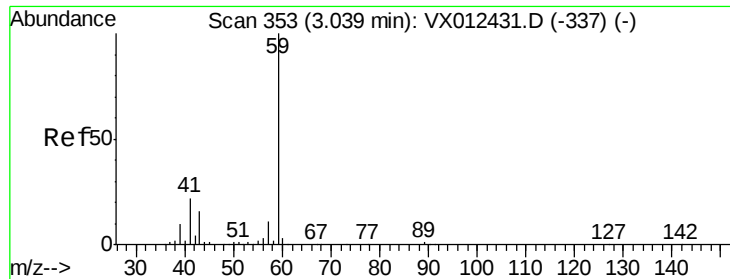


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

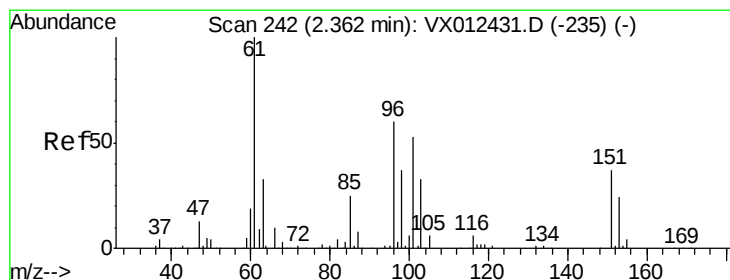
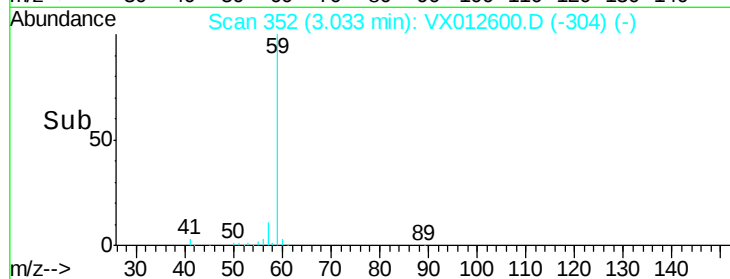
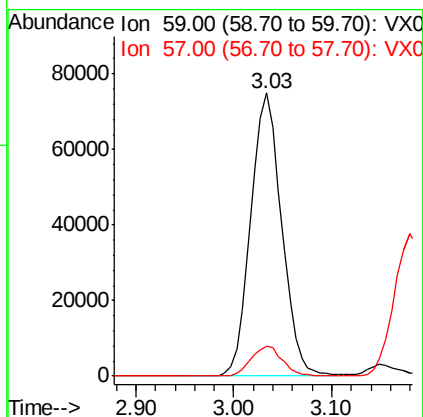
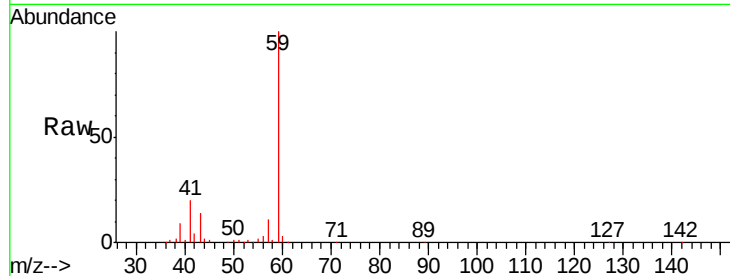




#11
Tert butyl alcohol
Concen: 221.280 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

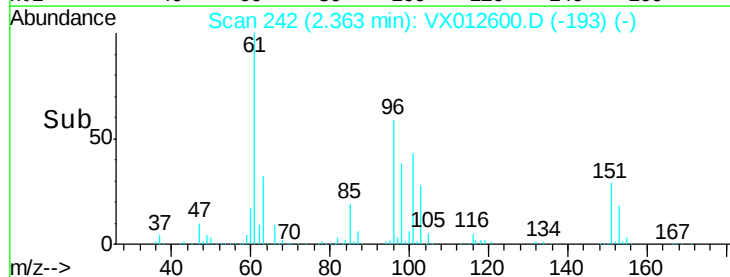
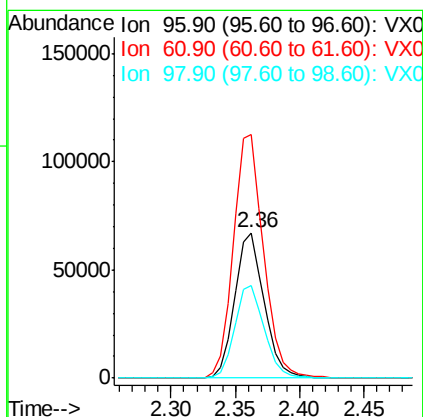
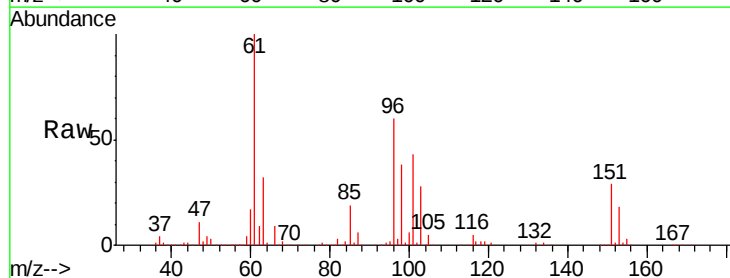
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

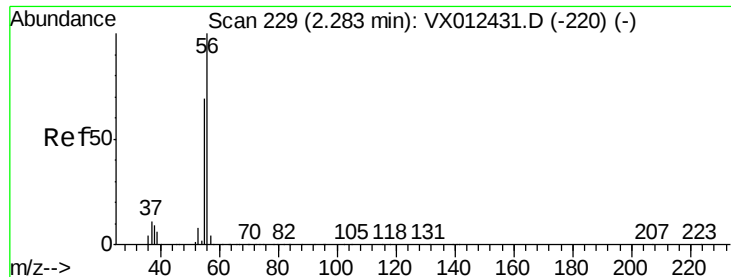
Tgt Ion: 59 Resp: 165138
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.286 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 96 Resp: 106507
Ion Ratio Lower Upper
96 100
61 167.9 133.8 200.6
98 63.7 49.9 74.9





#13

Acrolein

Concen: 206.482 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

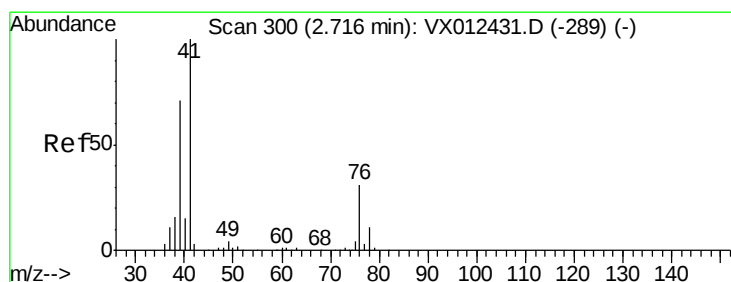
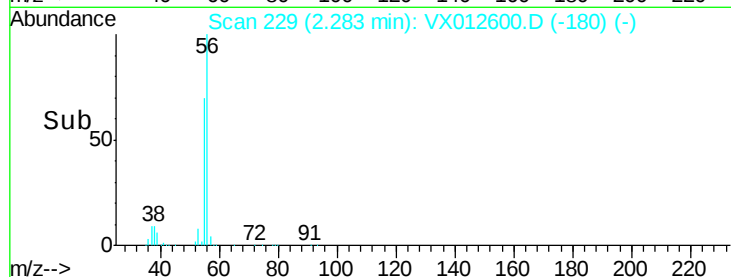
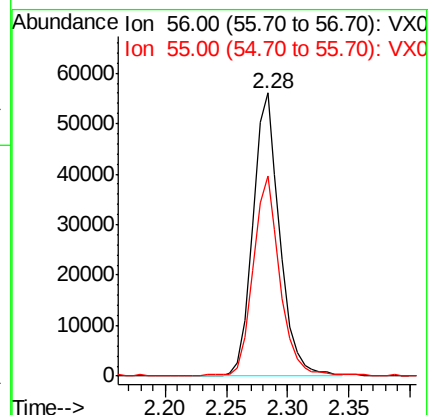
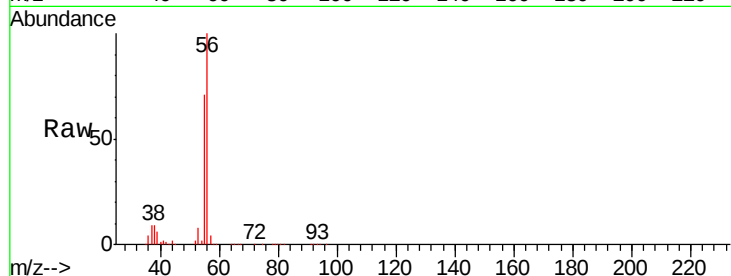
ICVVX092319

Tgt Ion: 56 Resp: 85068

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 49.186 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

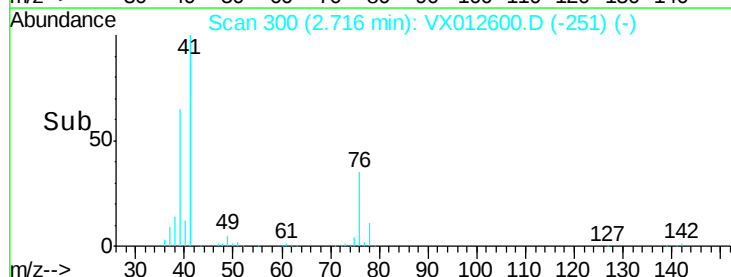
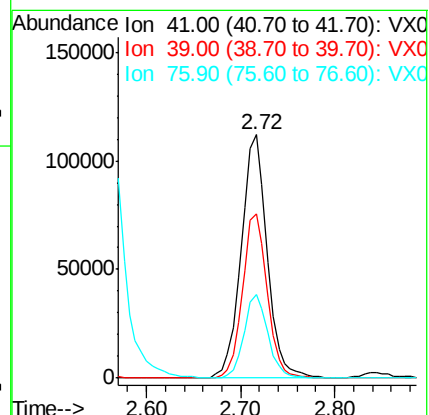
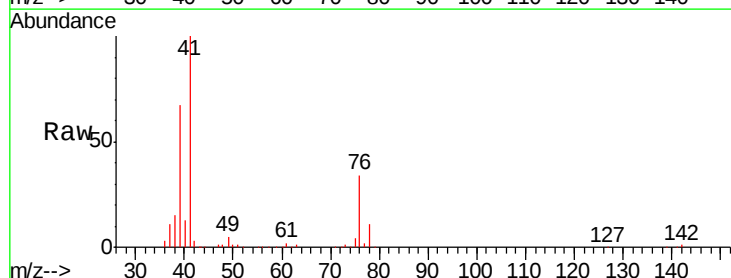
Tgt Ion: 41 Resp: 215254

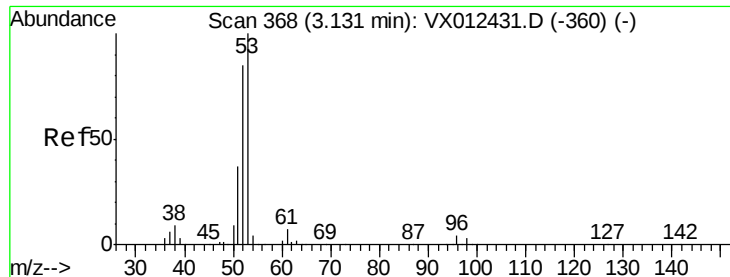
Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

76 31.3 22.6 33.8





#15

Acrylonitrile

Concen: 231.032 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

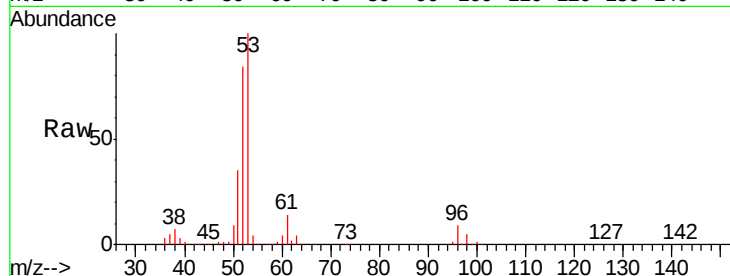
Tgt Ion: 53 Resp: 349796

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

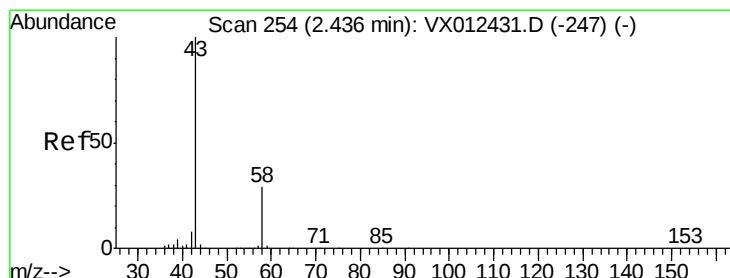
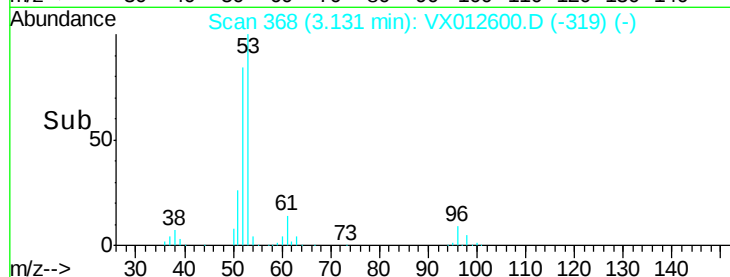
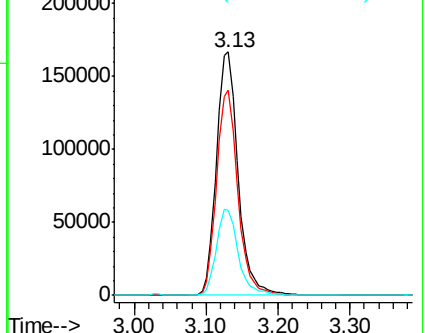
51 35.9 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.848 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012600.D

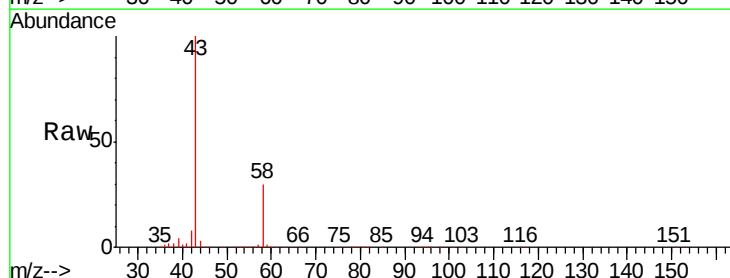
Acq: 23 Sep 2019 12:55

Tgt Ion: 43 Resp: 381117

Ion Ratio Lower Upper

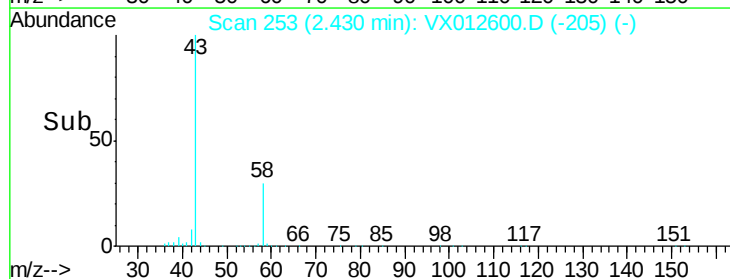
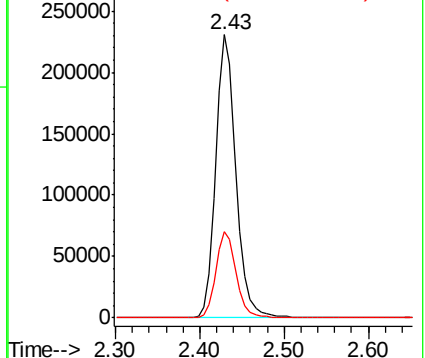
43 100

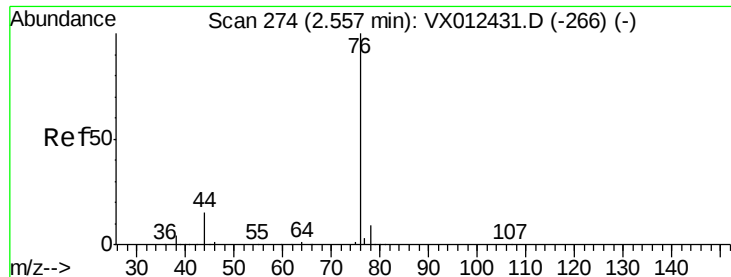
58 30.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.310 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

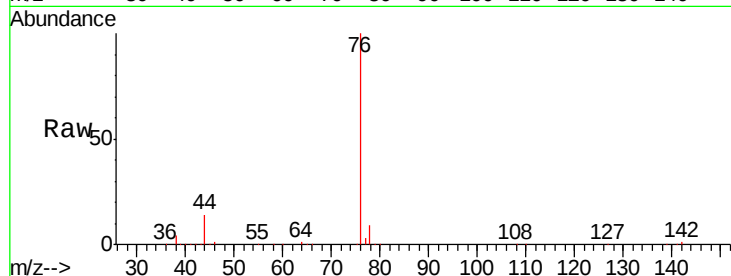
ICVVX092319

Tgt Ion: 76 Resp: 311108

Ion Ratio Lower Upper

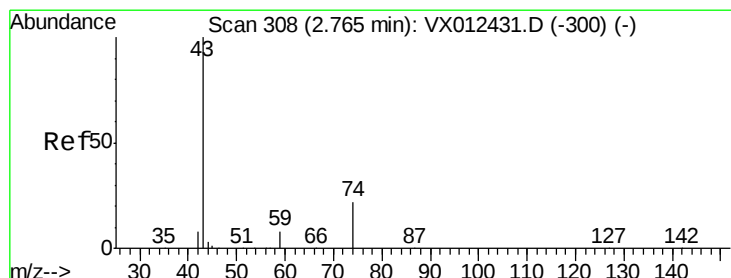
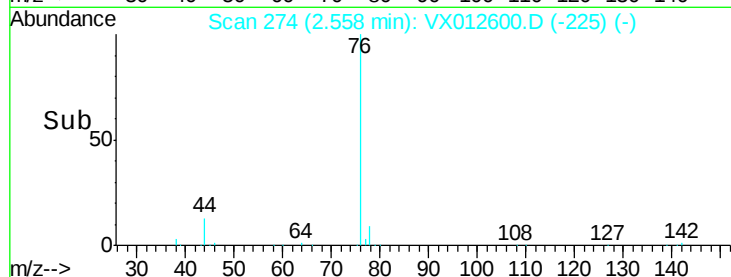
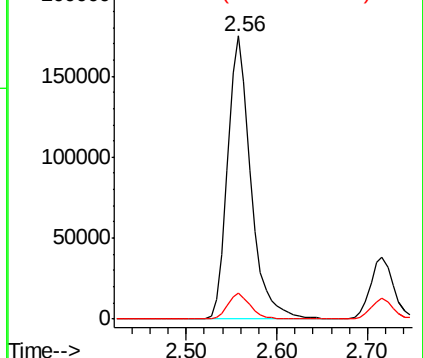
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.644 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012600.D

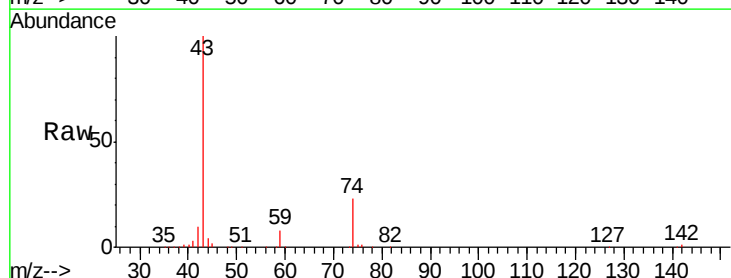
Acq: 23 Sep 2019 12:55

Tgt Ion: 43 Resp: 166345

Ion Ratio Lower Upper

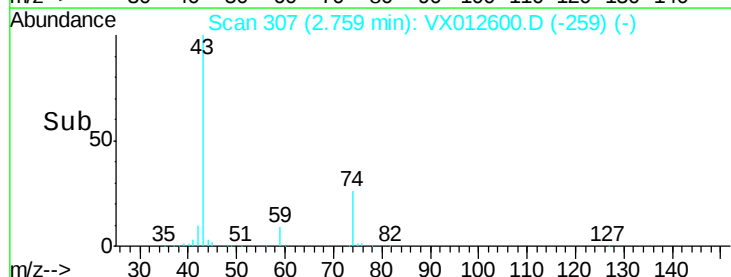
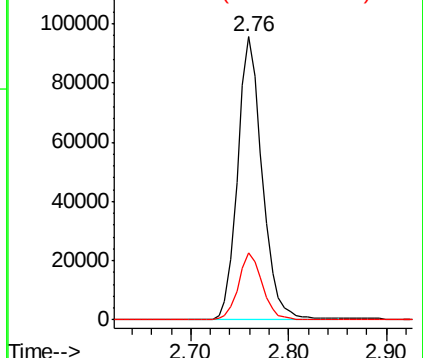
43 100

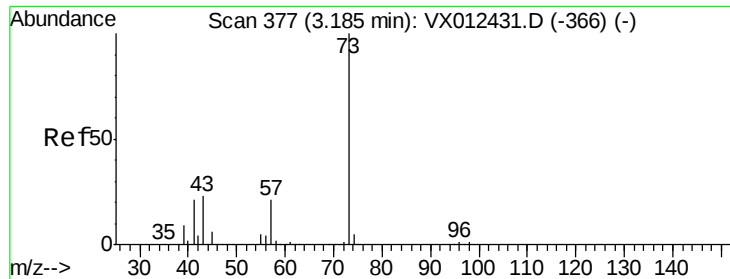
74 23.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

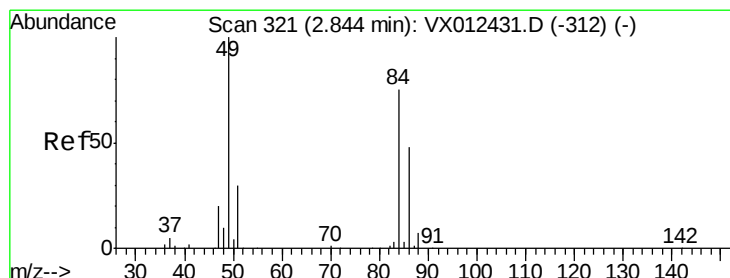
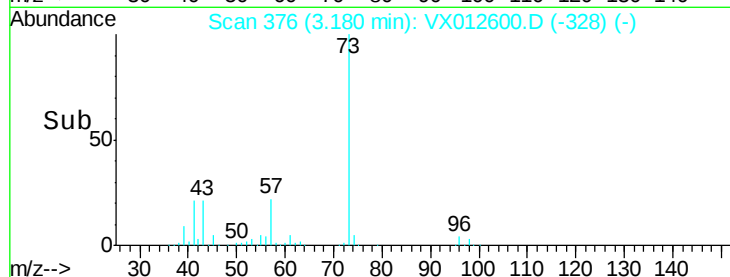
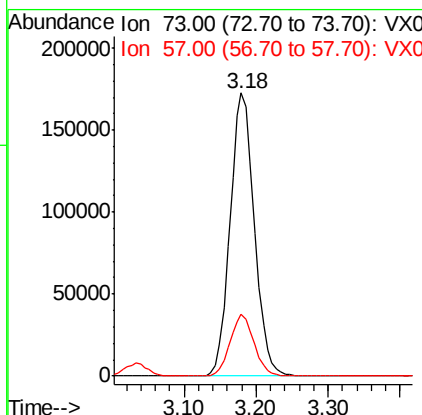
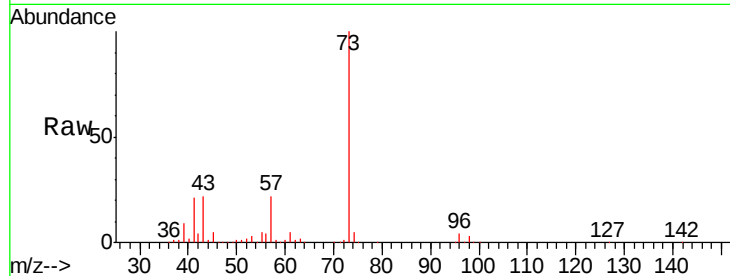




#19
Methyl tert-butyl Ether
Concen: 48.370 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

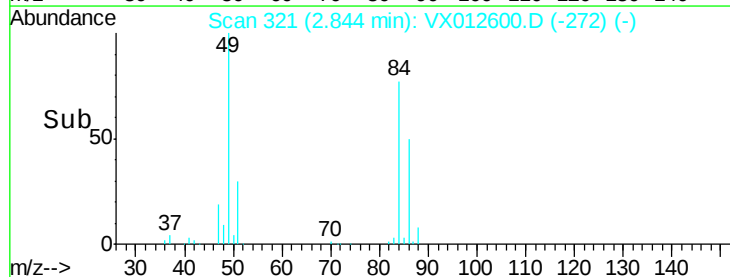
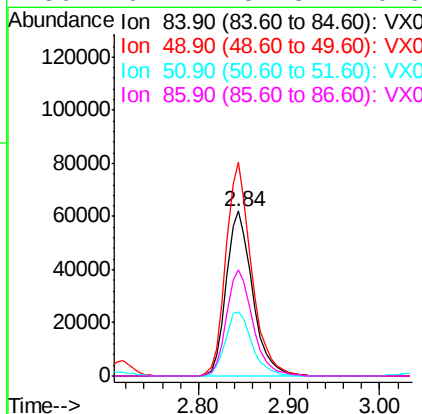
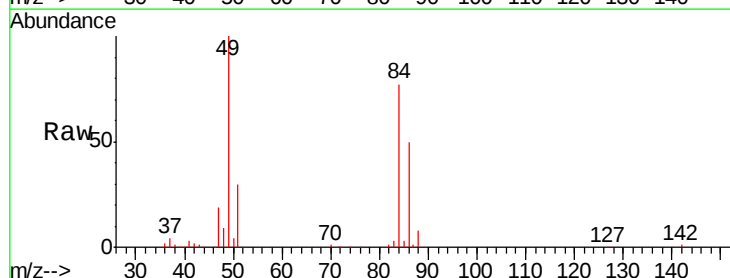
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

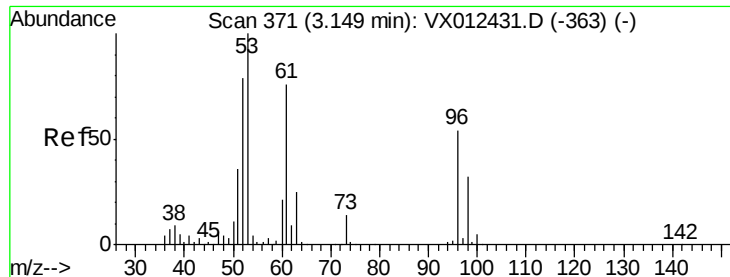
Tgt Ion: 73 Resp: 403846
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 46.486 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 84 Resp: 124415
Ion Ratio Lower Upper
84 100
49 129.6 106.8 160.2
51 38.6 32.3 48.5
86 64.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.024 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

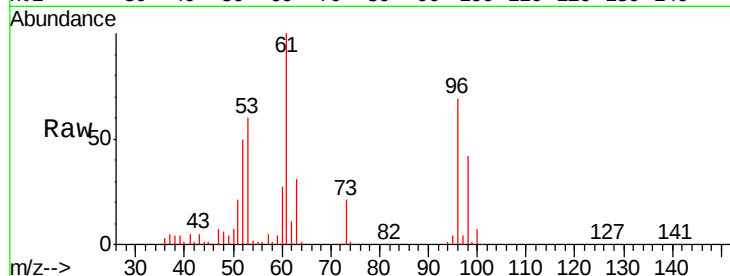
Tgt Ion: 96 Resp: 119799

Ion Ratio Lower Upper

96 100

61 145.0 112.0 168.0

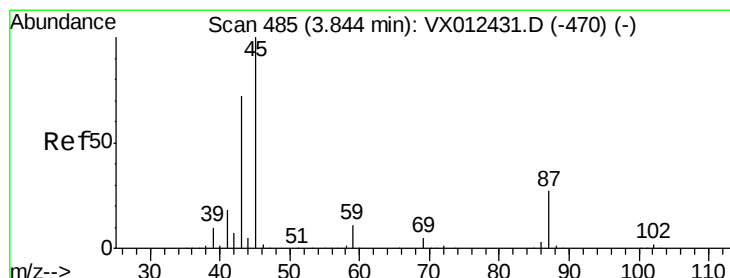
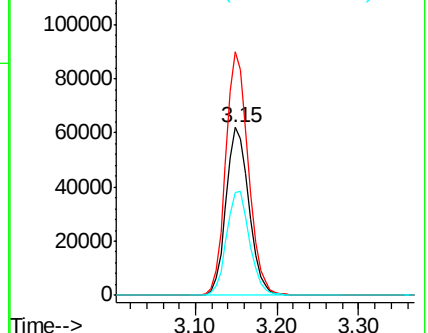
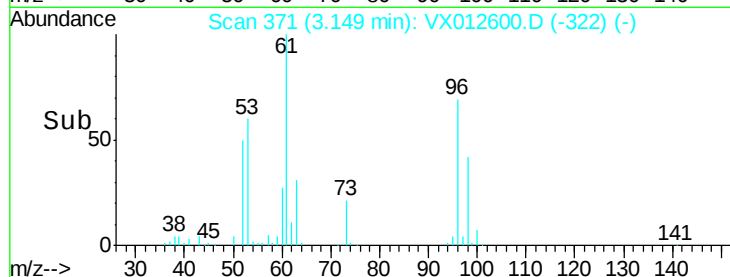
98 61.2 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.967 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion: 45 Resp: 405616

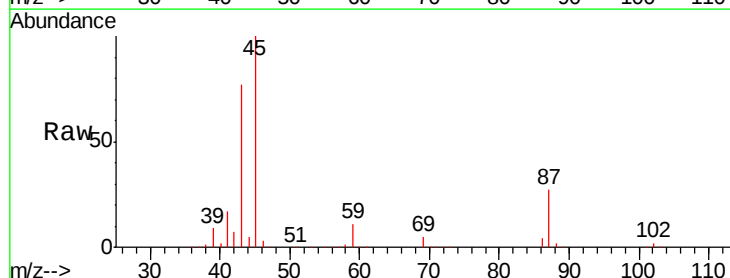
Ion Ratio Lower Upper

45 100

43 77.0 57.8 86.8

87 27.5 21.3 31.9

59 11.4 8.5 12.7

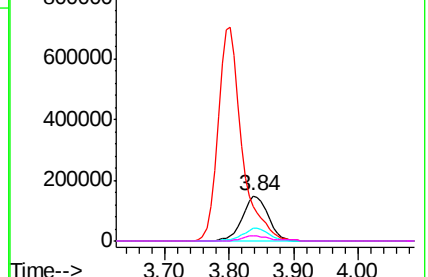
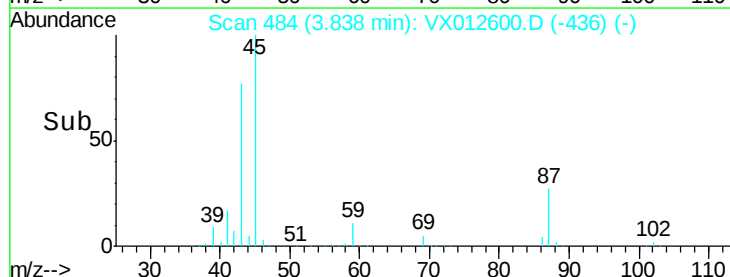


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.217 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

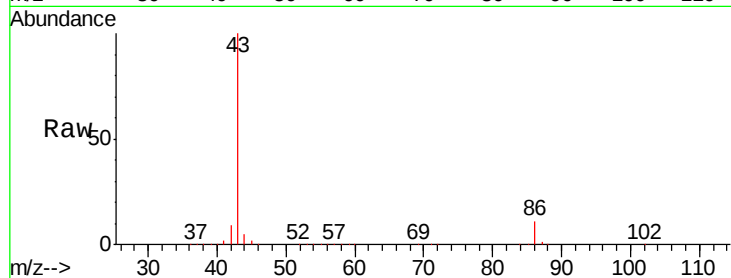
ICVVX092319

Tgt Ion: 43 Resp: 1818438

Ion Ratio Lower Upper

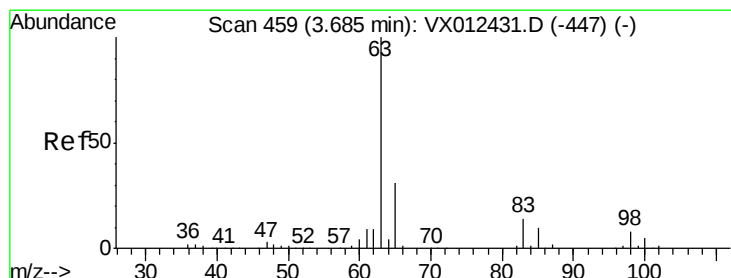
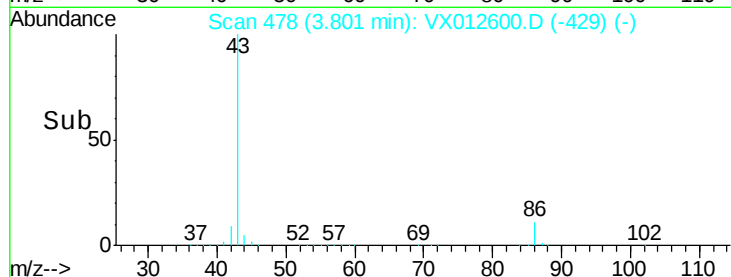
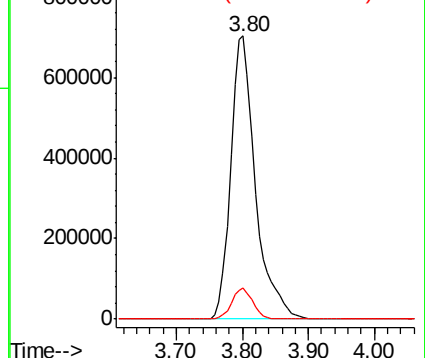
43 100

86 11.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.511 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

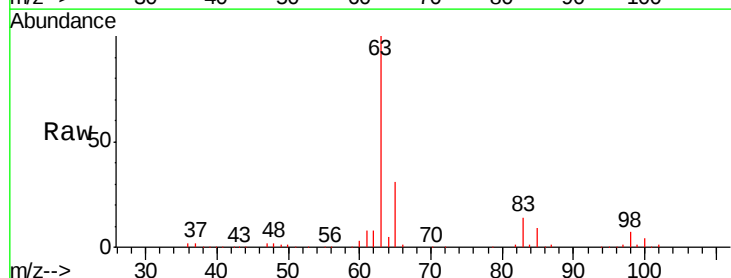
Tgt Ion: 63 Resp: 222981

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

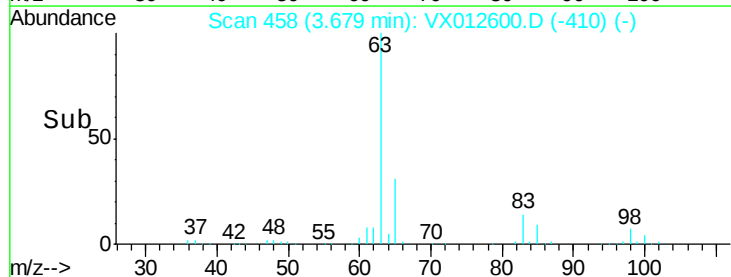
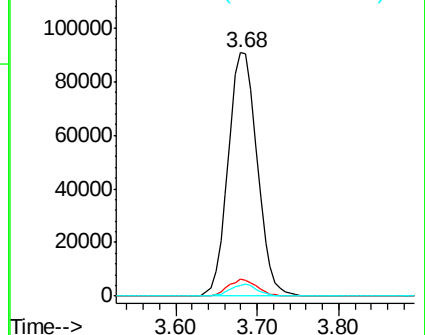
100 4.2 2.3 6.9

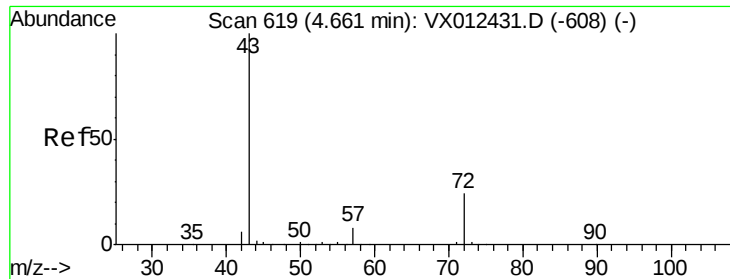


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 231.270 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

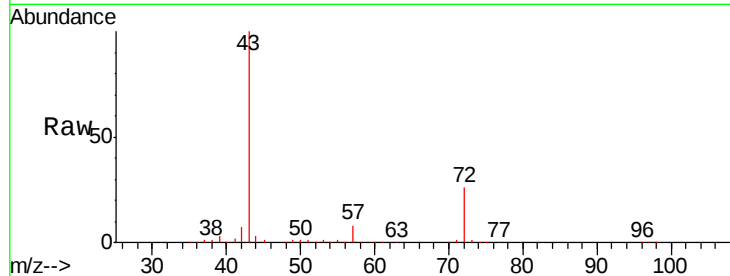
ICVVX092319

Tgt Ion: 43 Resp: 524734

Ion Ratio Lower Upper

43 100

72 26.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

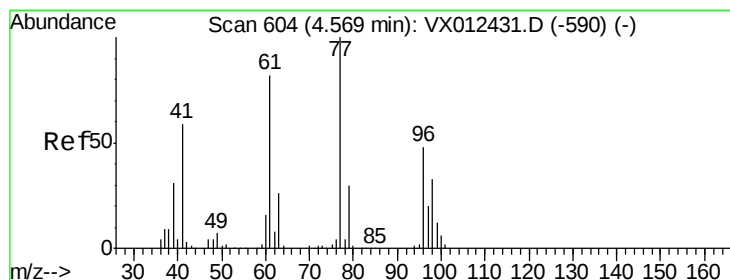
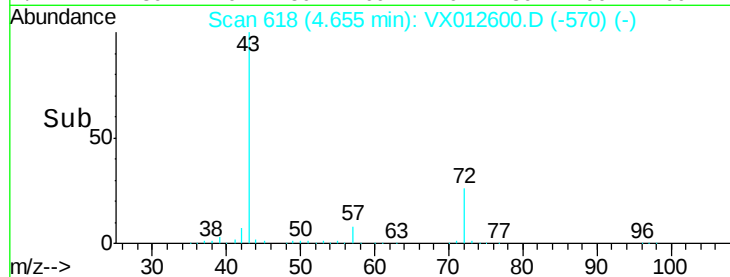
150000

100000

50000

0

Time--> 4.50 4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 49.937 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012600.D

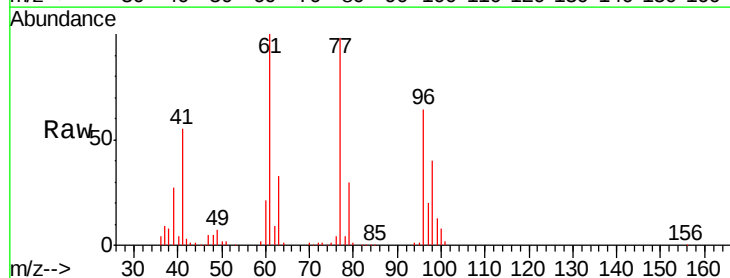
Acq: 23 Sep 2019 12:55

Tgt Ion: 77 Resp: 204148

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

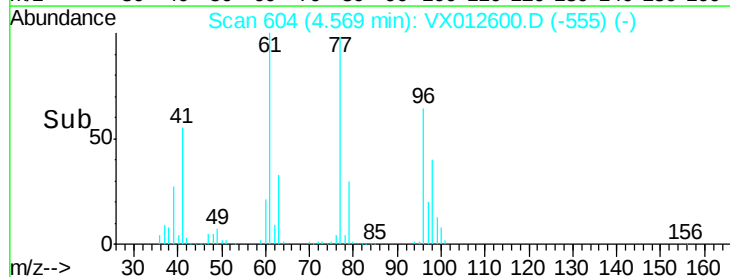
60000

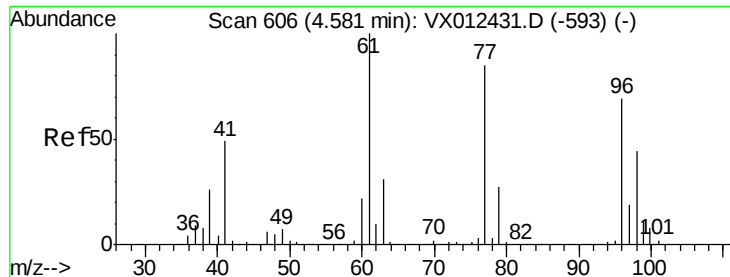
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



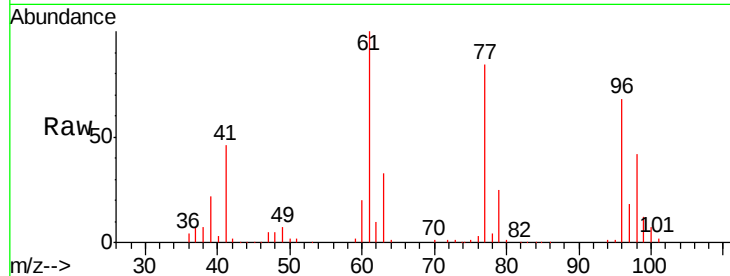


#27

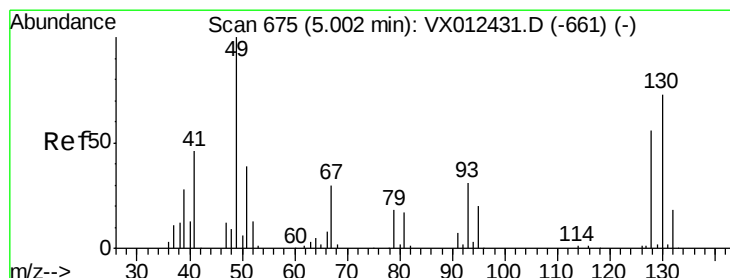
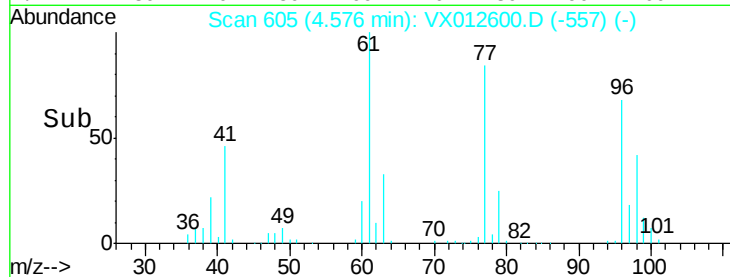
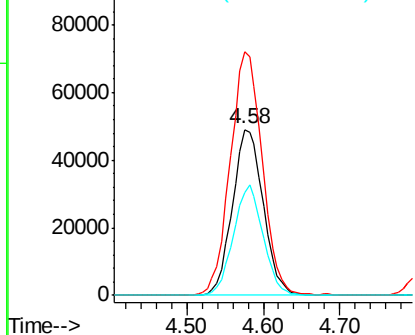
cis-1,2-Dichloroethene
 Concen: 48.212 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tgt Ion: 96 Resp: 136704
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 319.4
 98 64.3 0.0 130.6



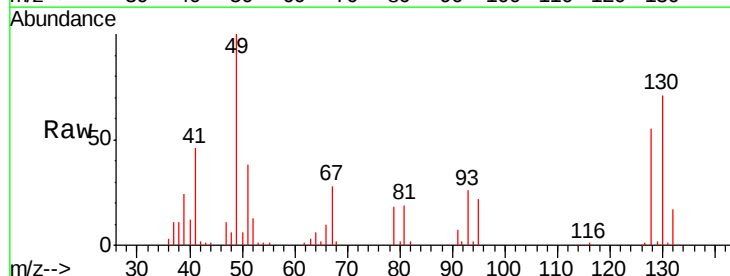
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



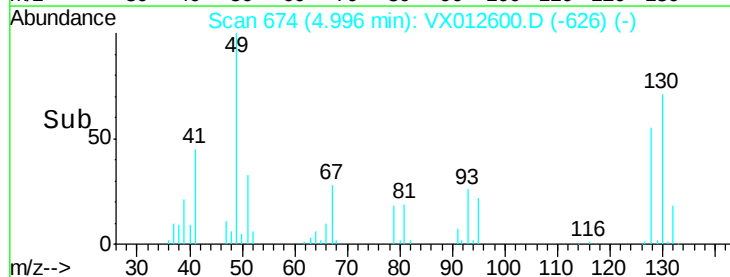
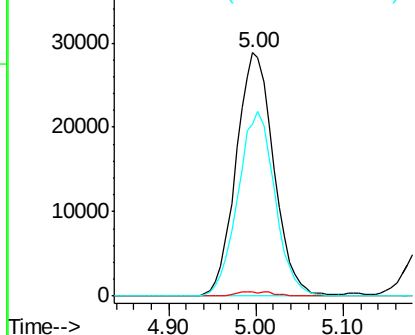
#28

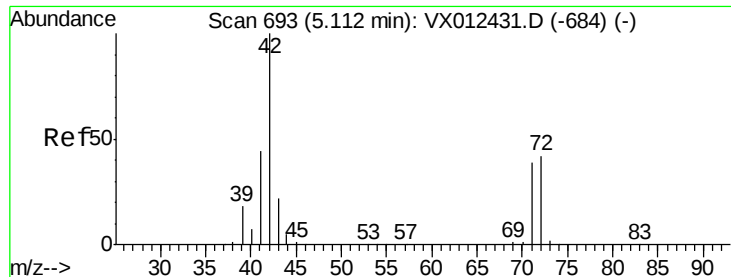
Bromochloromethane
 Concen: 51.801 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 49 Resp: 86456
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.4 58.2 87.4



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

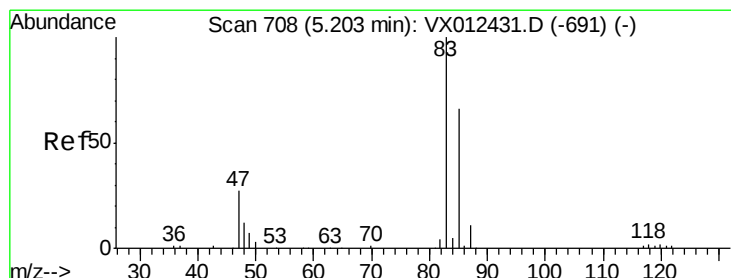
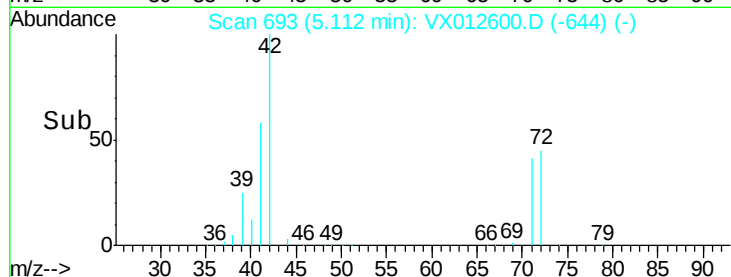
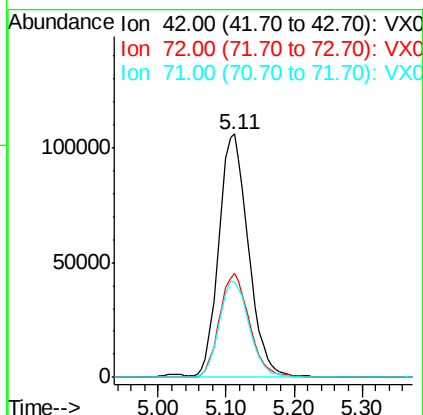
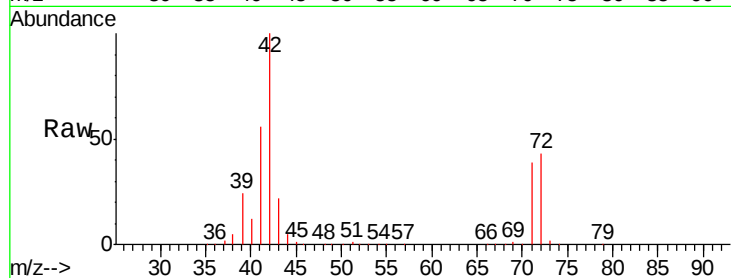




#29
Tetrahydrofuran
Concen: 230.533 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

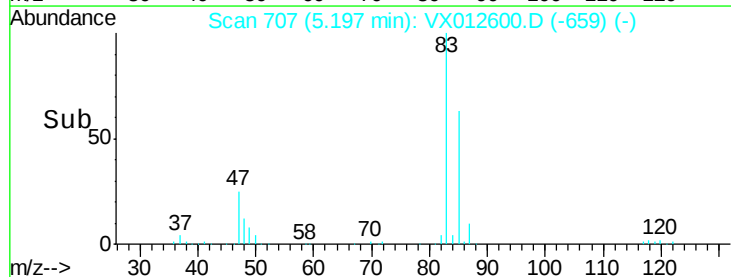
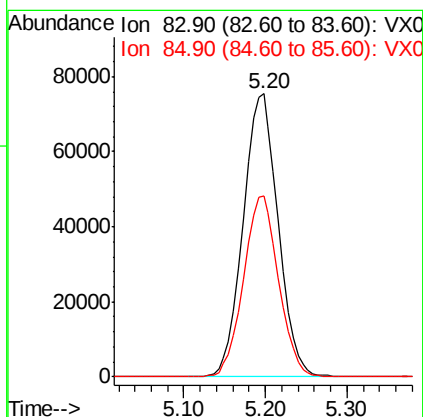
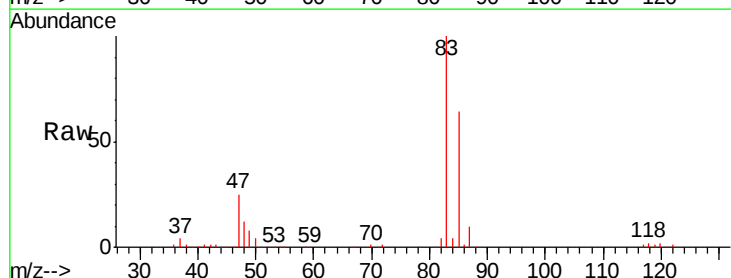
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

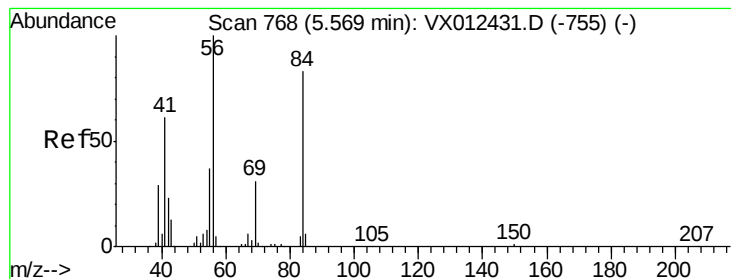
Tgt Ion: 42 Resp: 318808
Ion Ratio Lower Upper
42 100
72 43.6 34.0 51.0
71 40.4 31.5 47.3



#30
Chloroform
Concen: 47.864 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 83 Resp: 225090
Ion Ratio Lower Upper
83 100
85 64.0 53.0 79.4





#31

Cyclohexane

Concen: 50.294 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

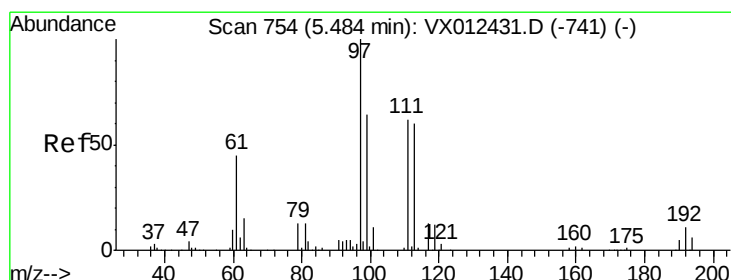
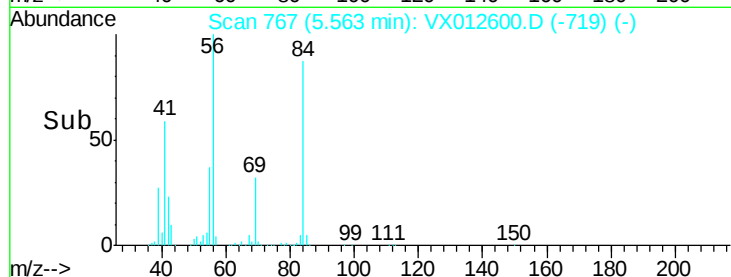
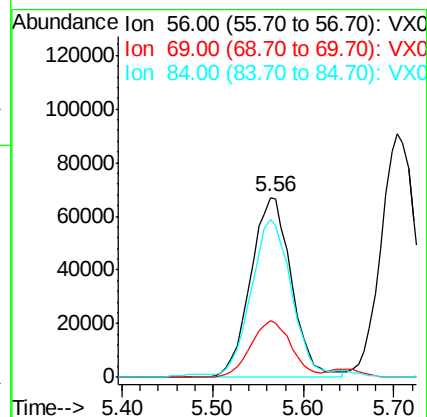
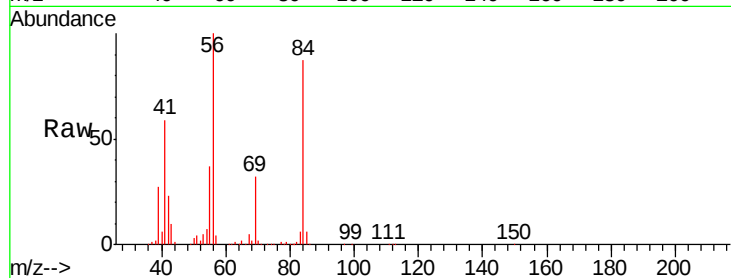
Tgt Ion: 56 Resp: 209139

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

84 86.0 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 48.209 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

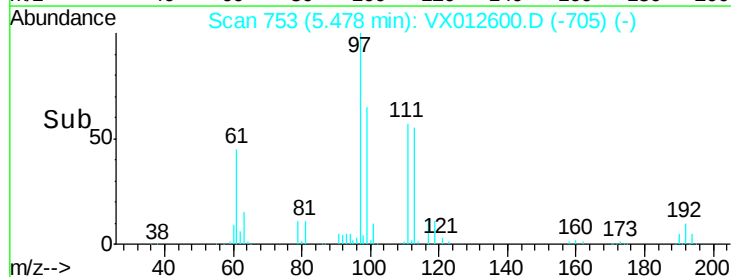
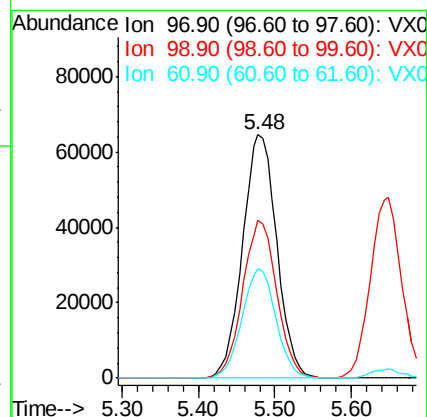
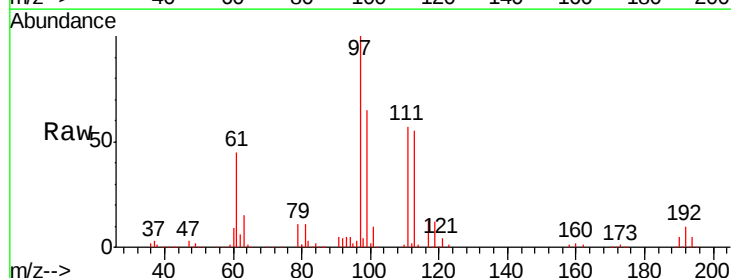
Tgt Ion: 97 Resp: 200927

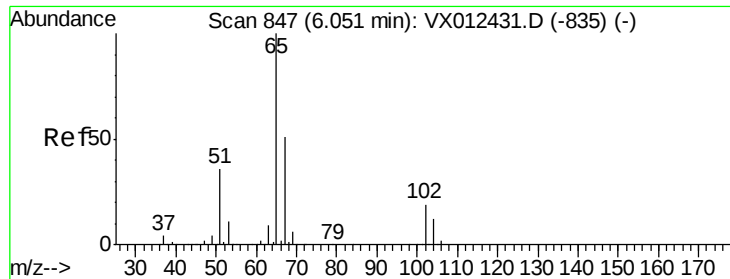
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 44.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.775 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

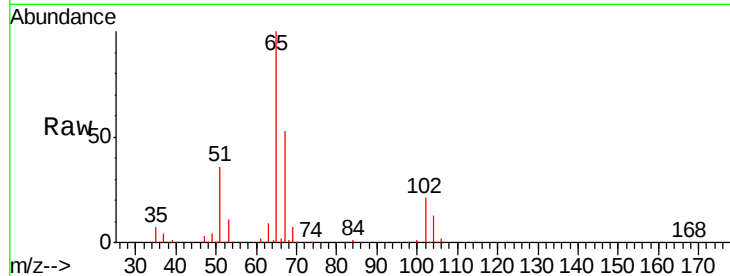
ICVVX092319

Tgt Ion: 65 Resp: 142726

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

60000

50000

40000

30000

20000

10000

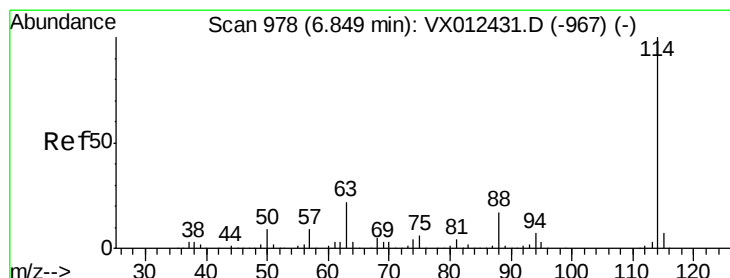
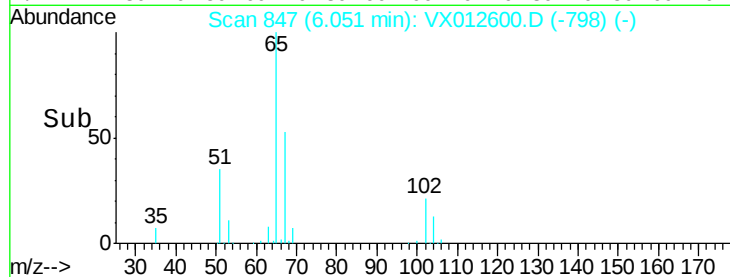
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

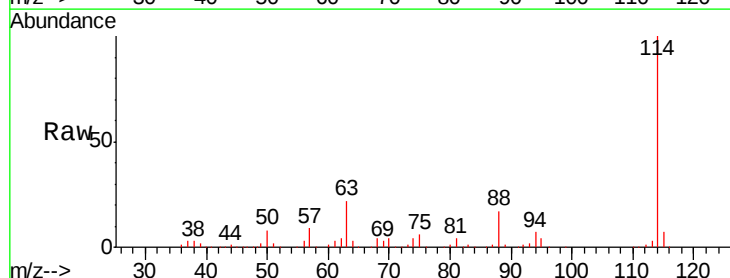
Tgt Ion: 114 Resp: 353147

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 17.2 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

50000

0

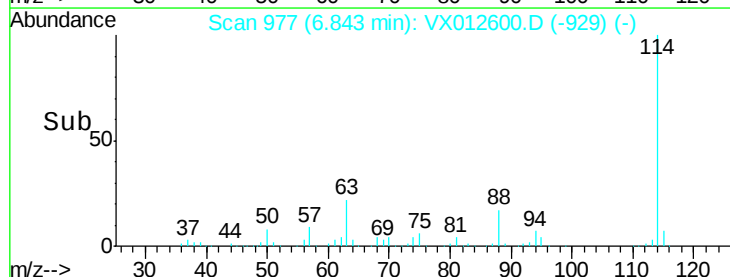
Time-->

6.70

6.80

6.90

7.00

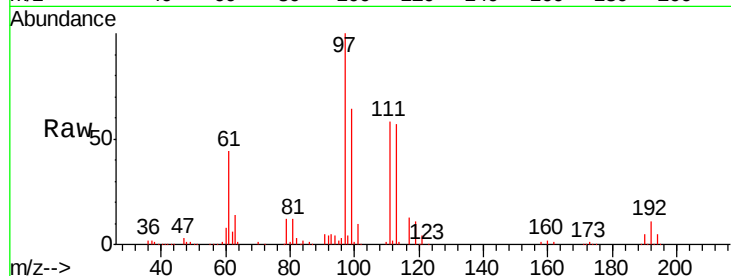




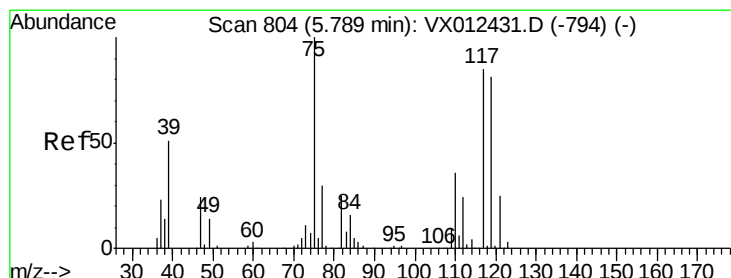
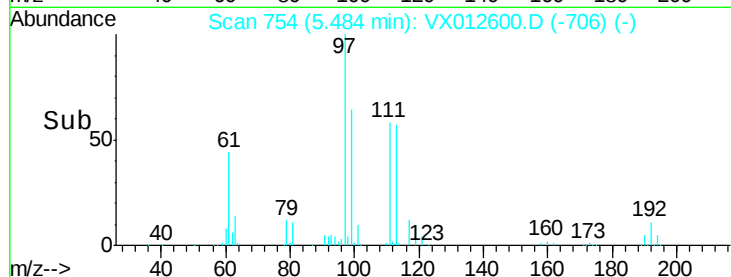
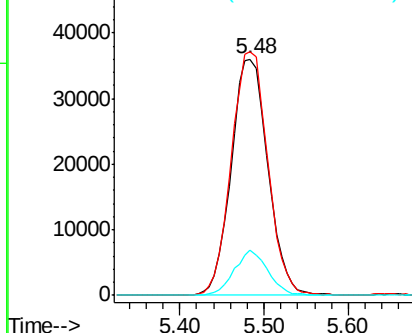
#35
 Dibromofluoromethane
 Concen: 50.595 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tgt Ion: 113 Resp: 106409
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 17.5 14.4 21.6

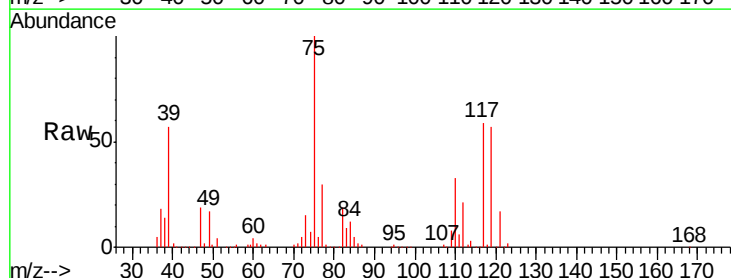


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

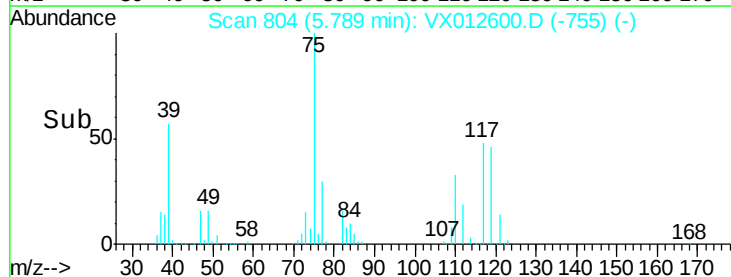
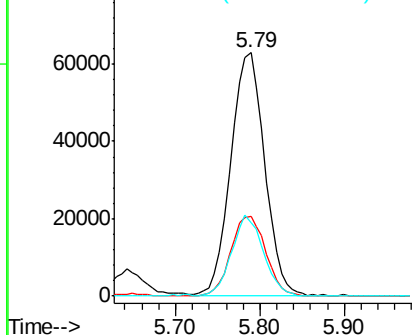


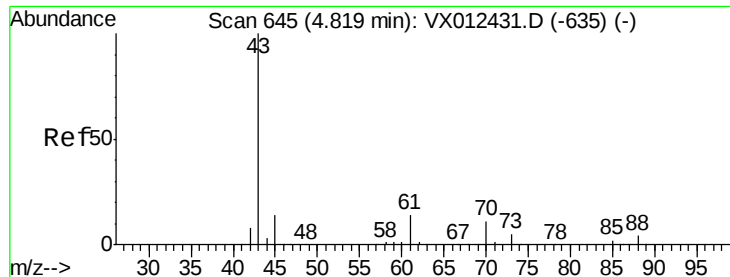
#36
 1,1-Dichloropropene
 Concen: 49.970 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 75 Resp: 170094
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.7 50.0
 77 31.7 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.708 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVX092319

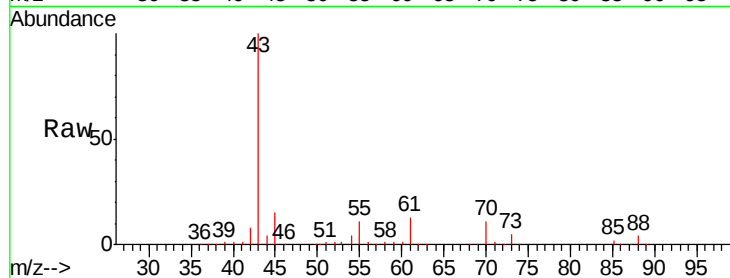
Tgt Ion: 43 Resp: 193835

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

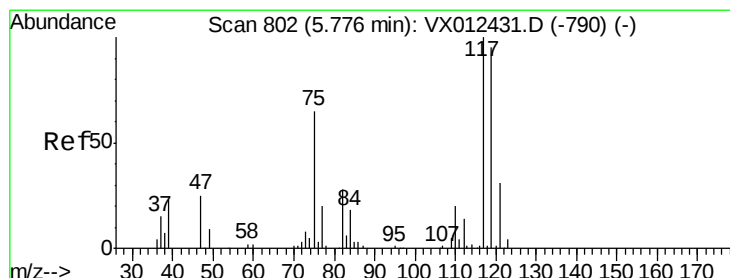
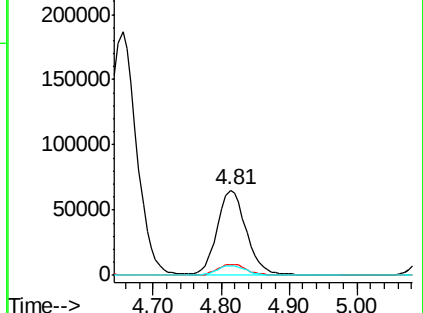
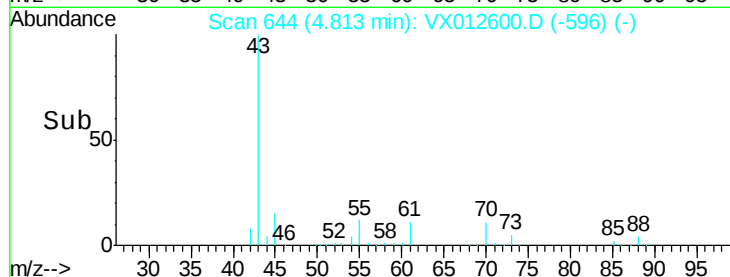
70 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX012600.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX012600.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX012600.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 50.622 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

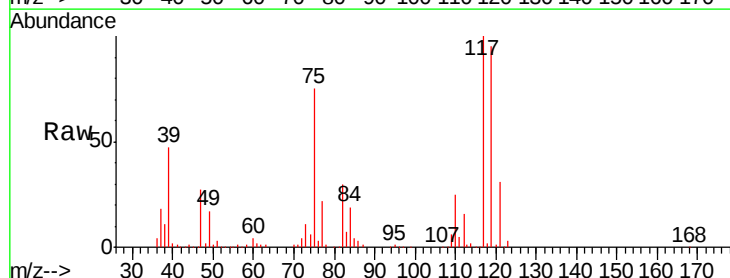
Tgt Ion: 117 Resp: 175042

Ion Ratio Lower Upper

117 100

119 95.3 75.7 113.5

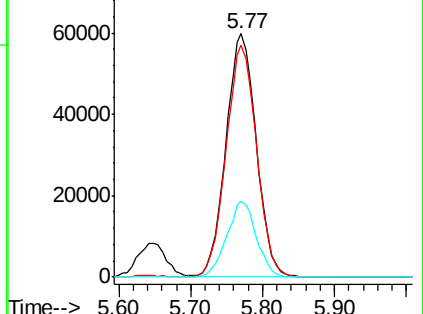
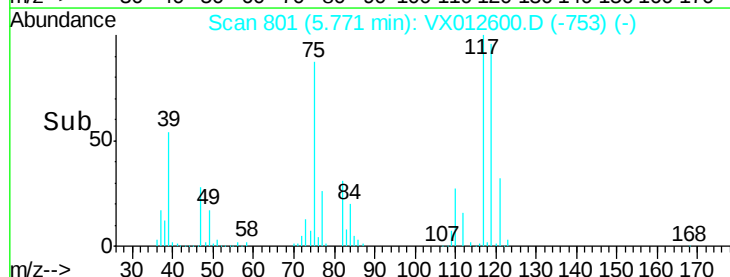
121 31.0 24.2 36.4

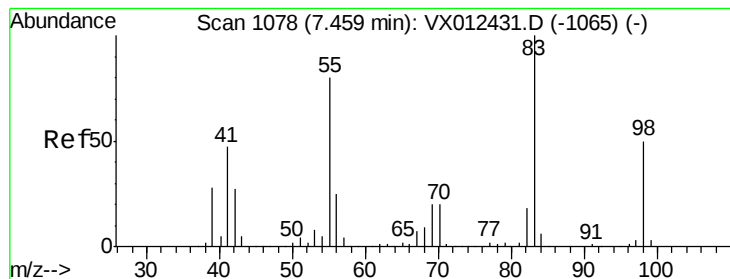


Abundance Ion 116.80 (116.50 to 117.50): VX012600.D (-753) (-)

Ion 118.80 (118.50 to 119.50): VX012600.D (-753) (-)

Ion 120.80 (120.50 to 121.50): VX012600.D (-753) (-)





#39

Methylcyclohexane

Concen: 51.952 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampled :

ICVVX092319

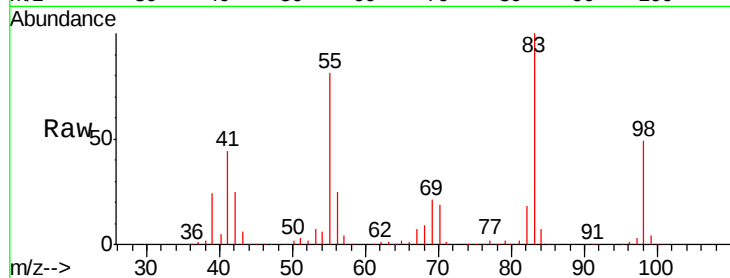
Tgt Ion: 83 Resp: 212895

Ion Ratio Lower Upper

83 100

55 80.8 64.4 96.6

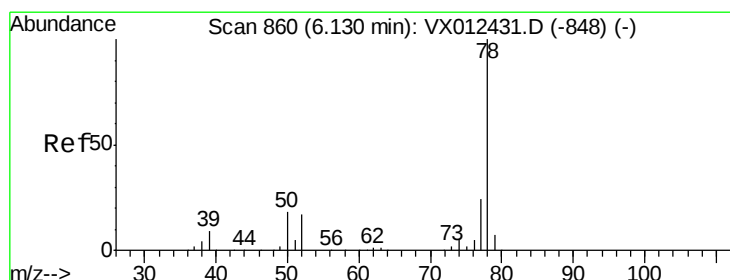
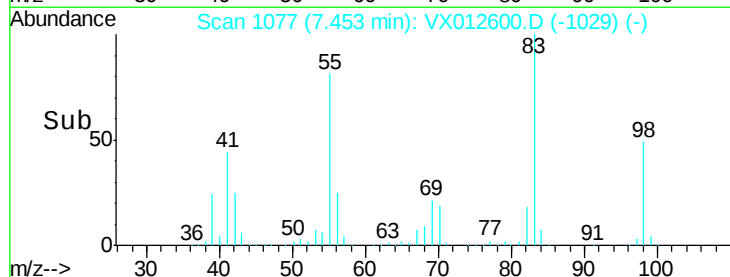
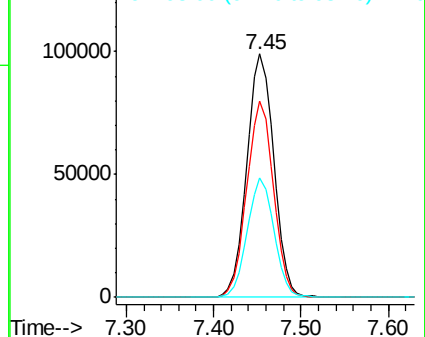
98 48.8 40.1 60.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.528 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX012600.D

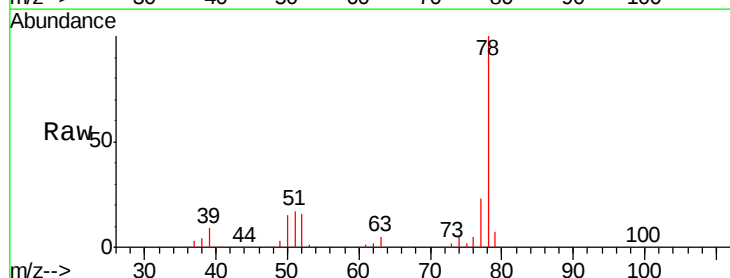
Acq: 23 Sep 2019 12:55

Tgt Ion: 78 Resp: 496040

Ion Ratio Lower Upper

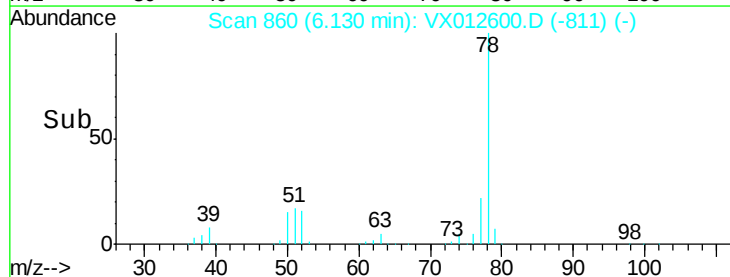
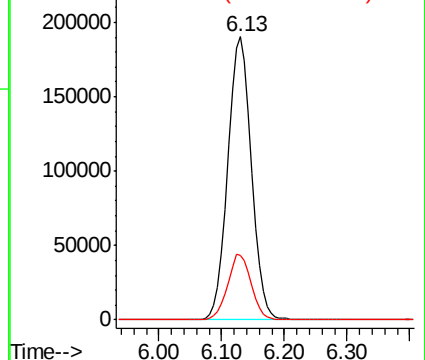
78 100

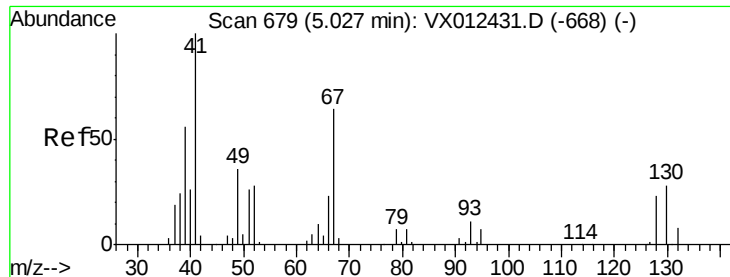
77 22.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.180 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tgt Ion: 41 Resp: 107577

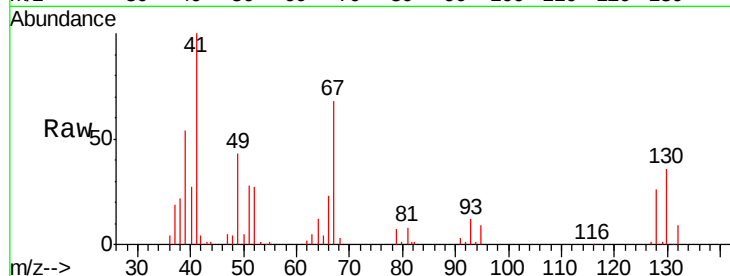
Ion Ratio Lower Upper

41 100

39 52.6 46.0 69.0

67 69.5 52.2 78.2

52 29.2 22.7 34.1

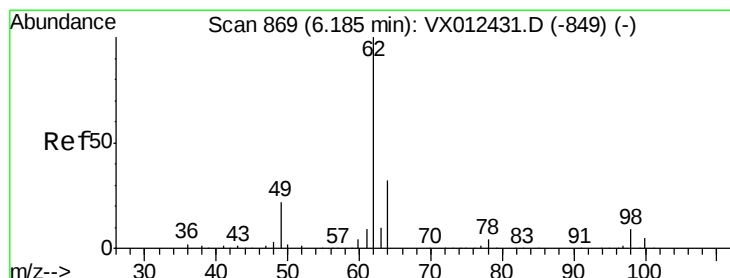
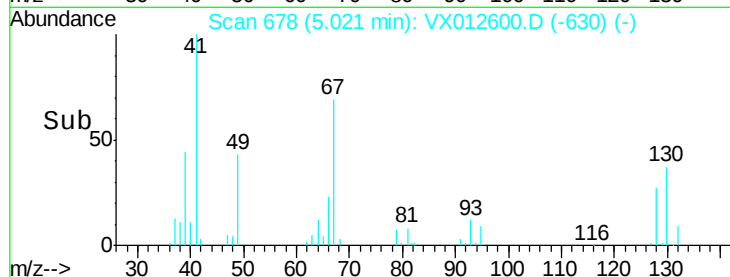
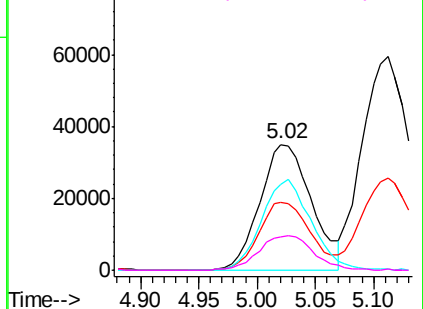


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.467 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012600.D

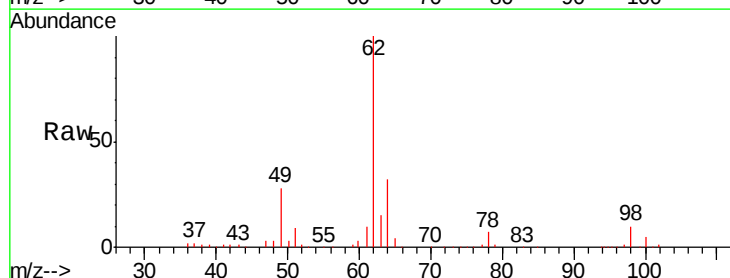
Acq: 23 Sep 2019 12:55

Tgt Ion: 62 Resp: 188135

Ion Ratio Lower Upper

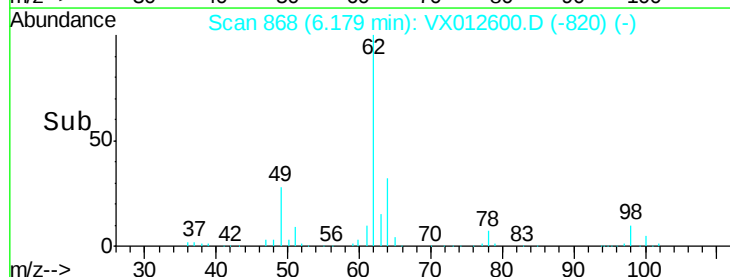
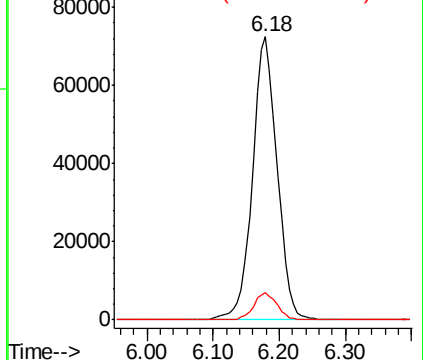
62 100

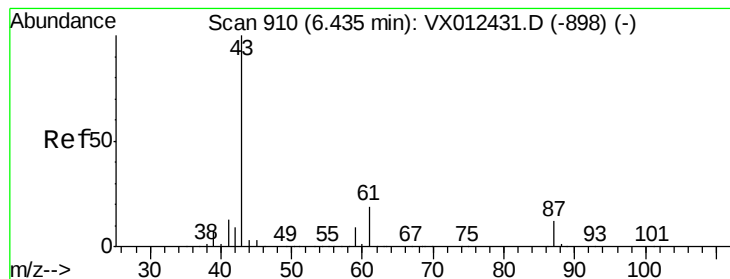
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.373 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

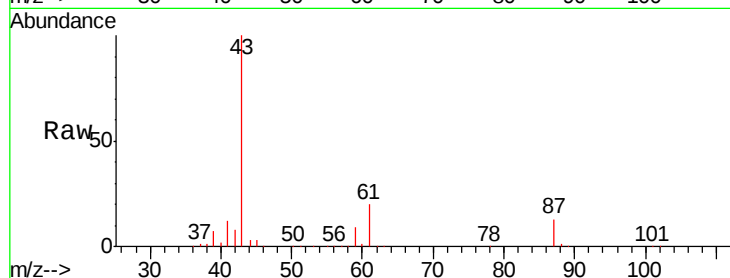
Tgt Ion: 43 Resp: 321928

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

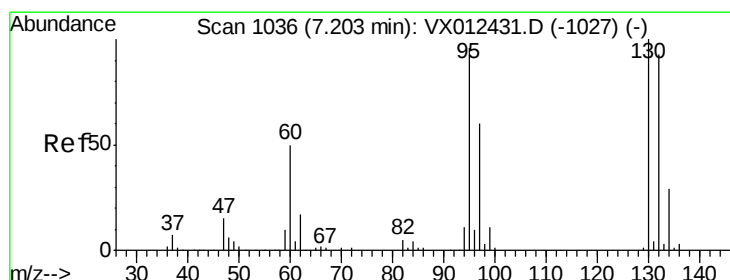
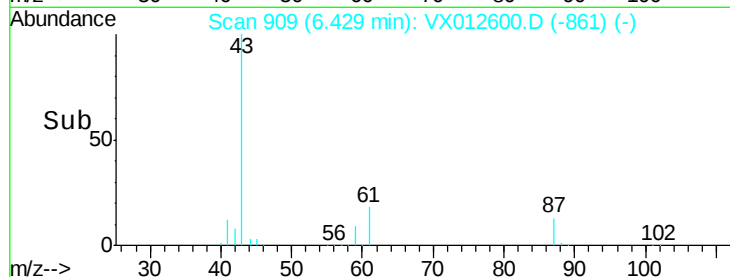
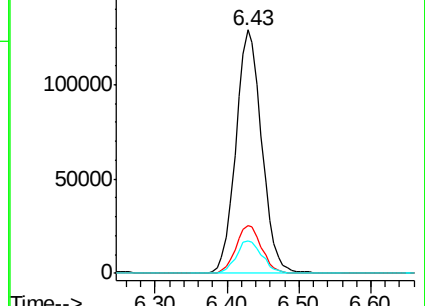
87 13.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.704 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012600.D

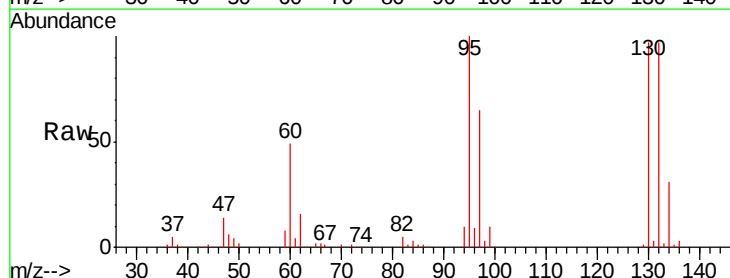
Acq: 23 Sep 2019 12:55

Tgt Ion: 130 Resp: 127261

Ion Ratio Lower Upper

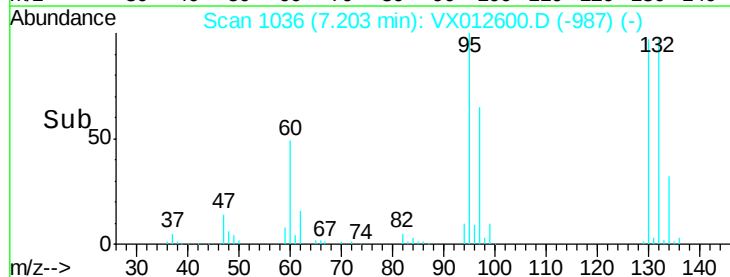
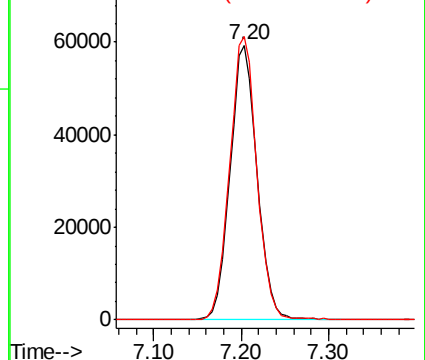
130 100

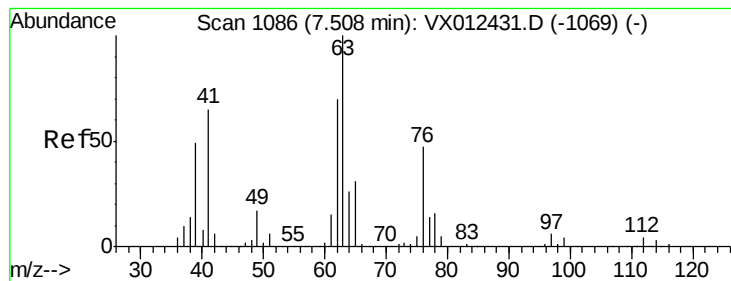
95 103.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.867 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

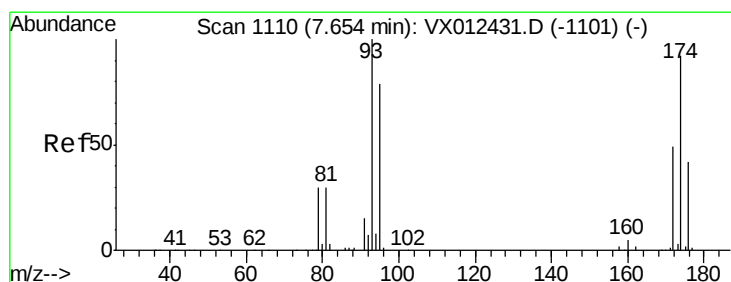
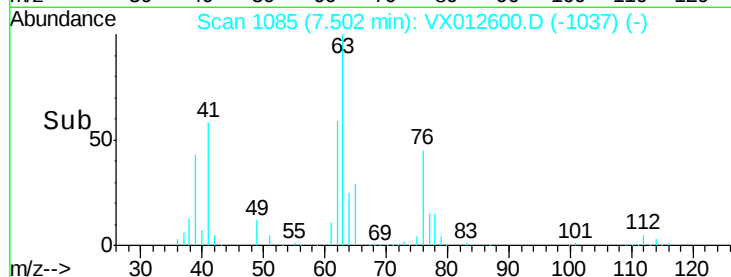
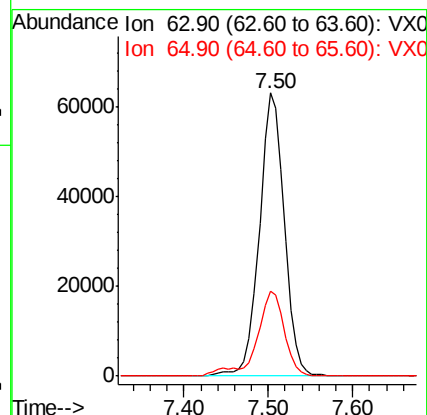
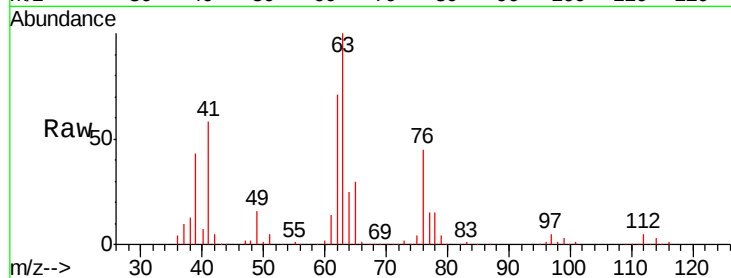
ICVVX092319

Tgt Ion: 63 Resp: 127868

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.6



#46

Dibromomethane

Concen: 49.447 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

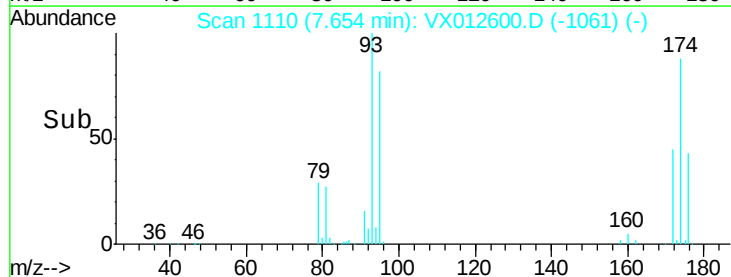
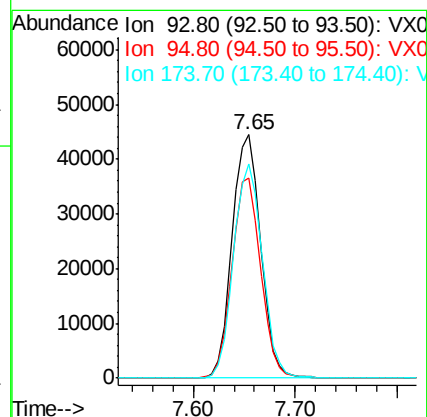
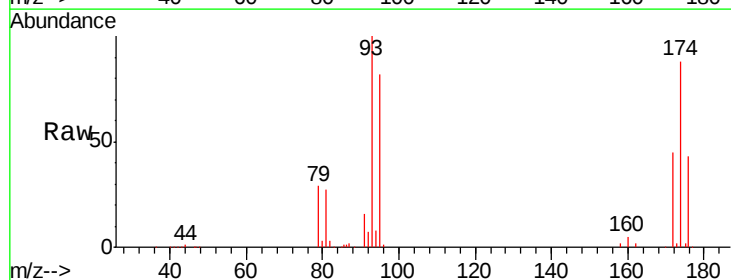
Tgt Ion: 93 Resp: 86326

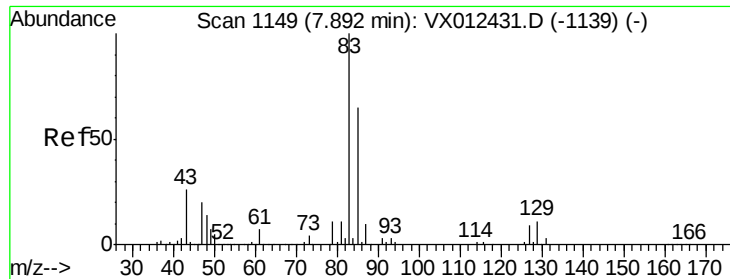
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 88.8 77.4 116.0





#47

Bromodichloromethane

Concen: 50.742 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

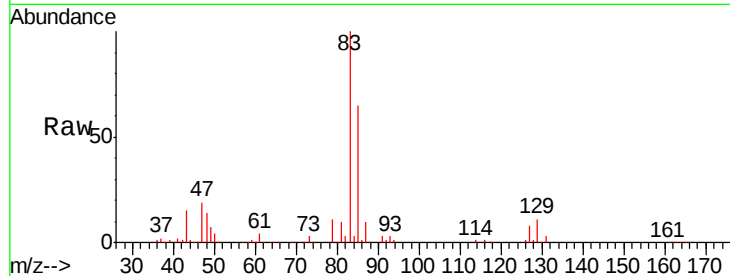
Tgt Ion: 83 Resp: 177051

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

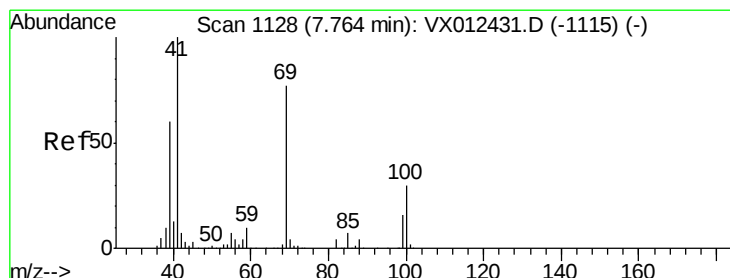
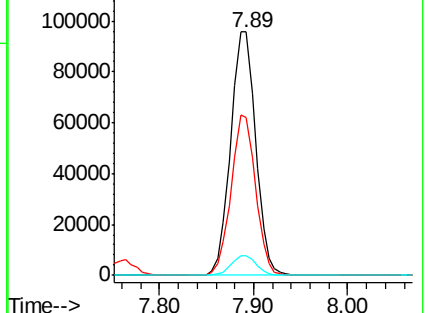
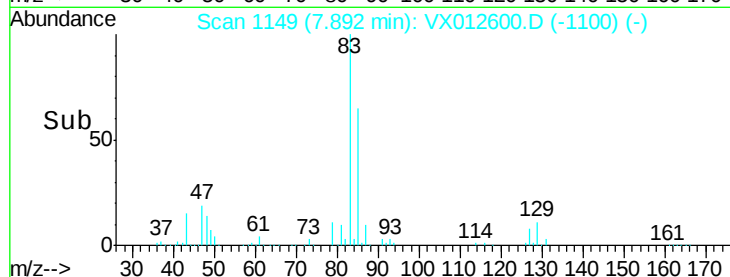
127 8.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 48.393 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

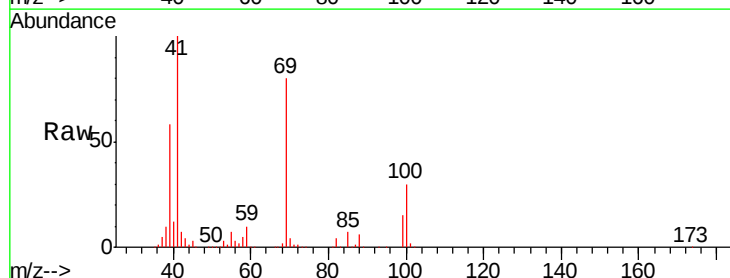
Tgt Ion: 41 Resp: 154426

Ion Ratio Lower Upper

41 100

69 81.0 59.9 89.9

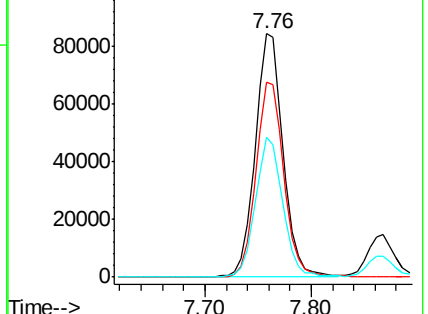
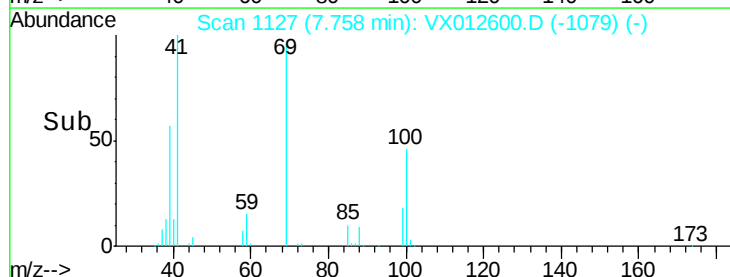
39 56.5 47.8 71.6

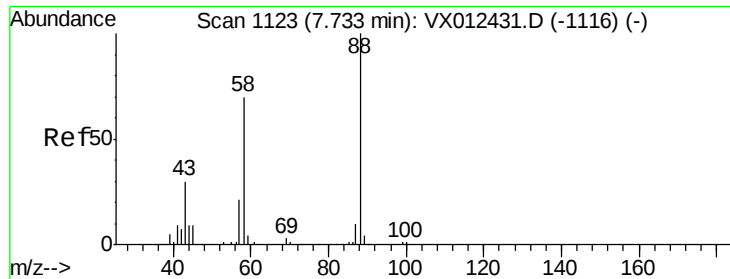


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

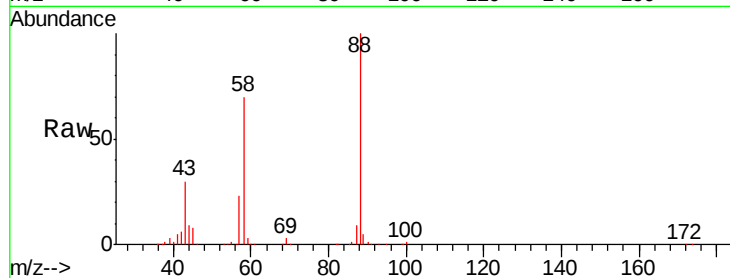




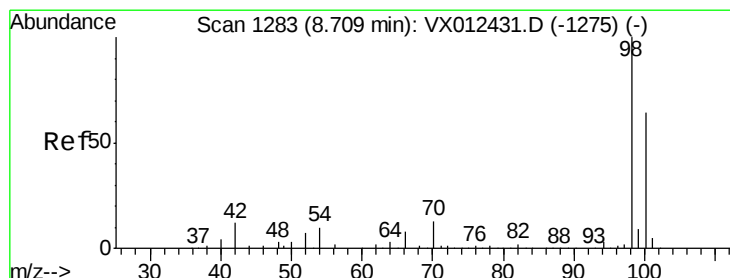
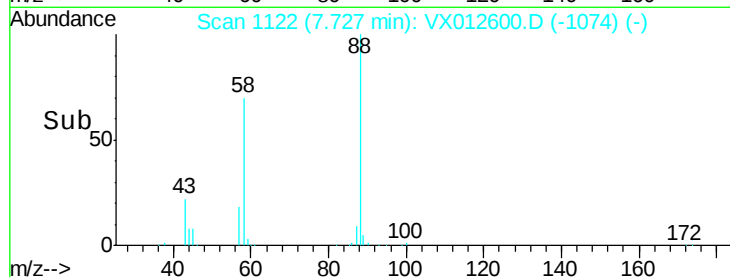
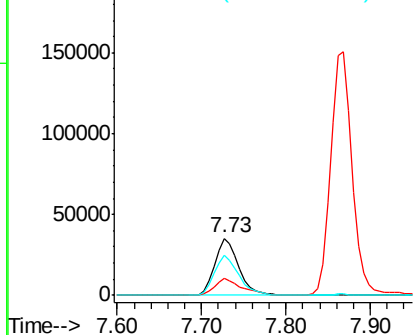
#49
 1,4-Dioxane
 Concen: 949.536 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tgt Ion: 88 Resp: 68727
 Ion Ratio Lower Upper
 88 100
 43 33.2 29.4 44.0
 58 72.5 57.5 86.3

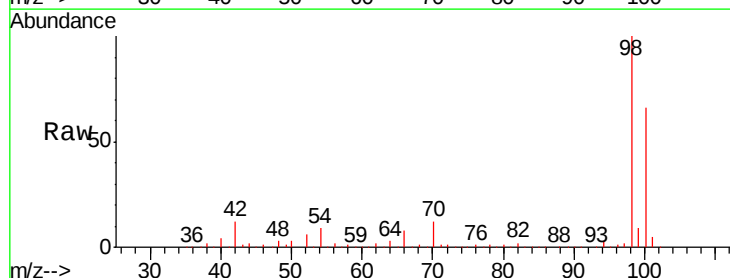


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

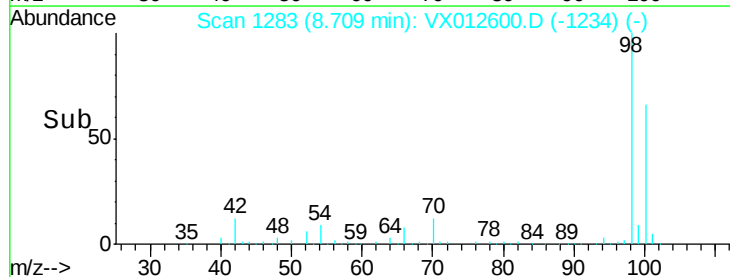
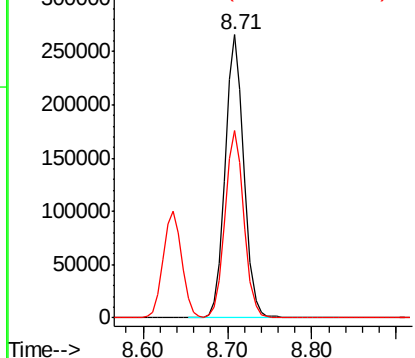


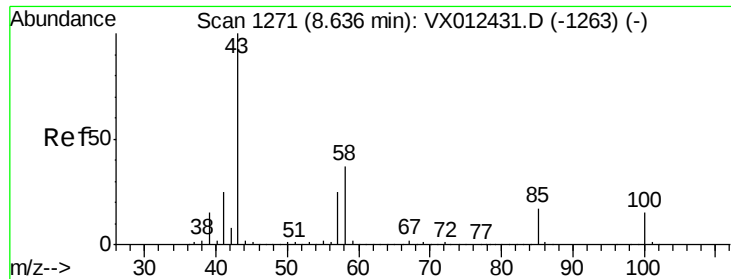
#50
 Toluene-d8
 Concen: 50.161 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 98 Resp: 406267
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 236.848 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

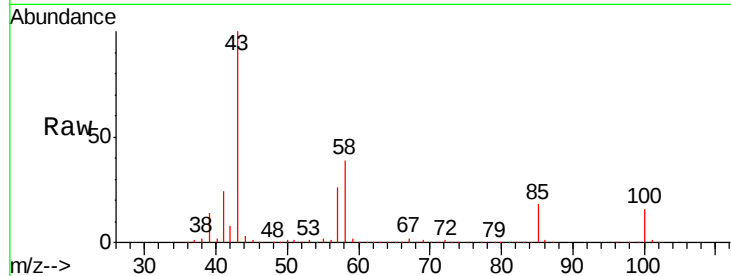
ICVVX092319

Tgt Ion: 43 Resp: 972991

Ion Ratio Lower Upper

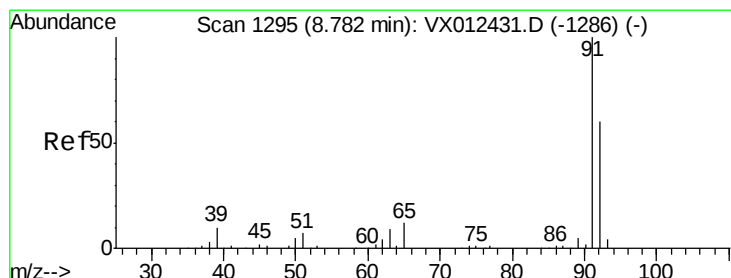
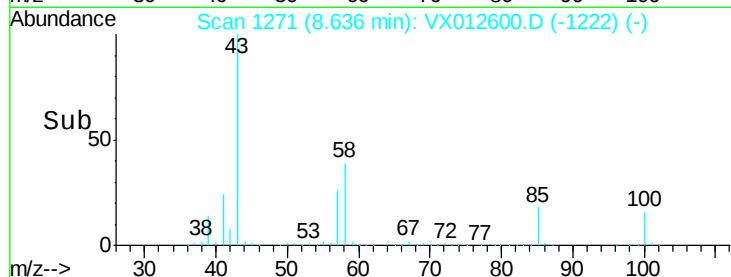
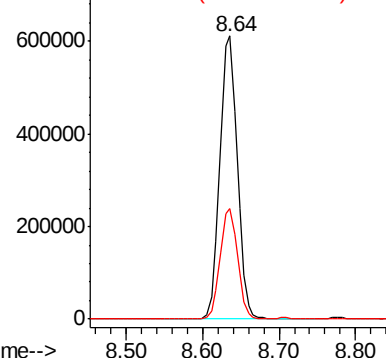
43 100

58 39.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.371 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012600.D

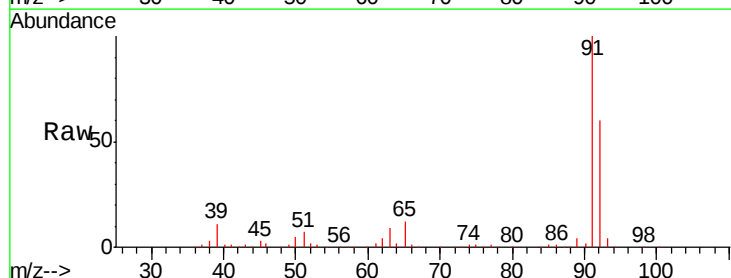
Acq: 23 Sep 2019 12:55

Tgt Ion: 92 Resp: 317072

Ion Ratio Lower Upper

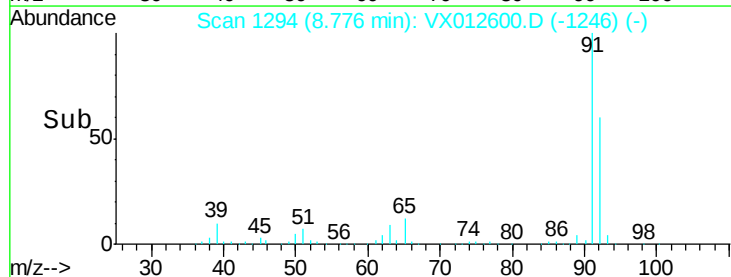
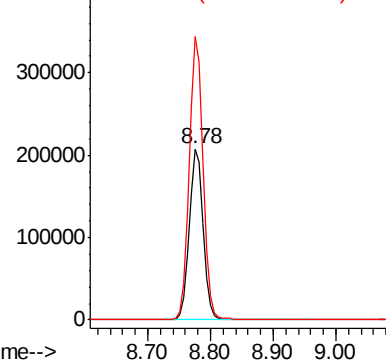
92 100

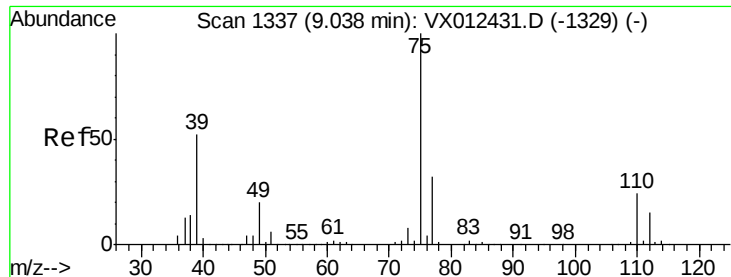
91 165.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

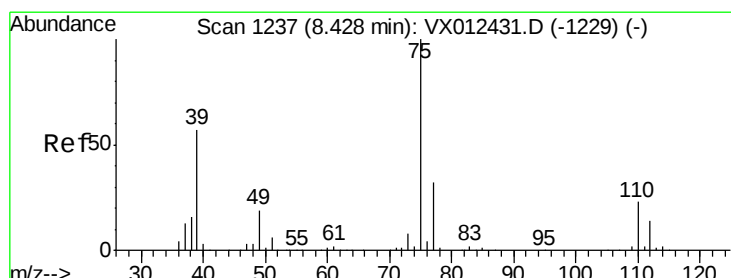
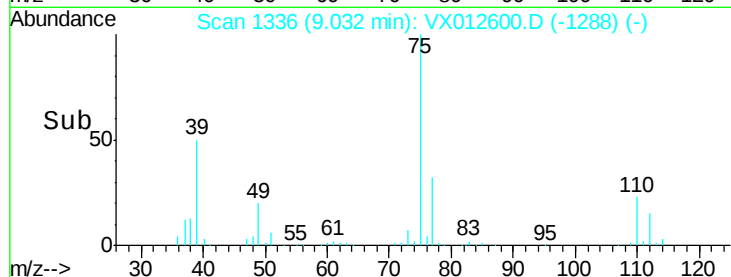
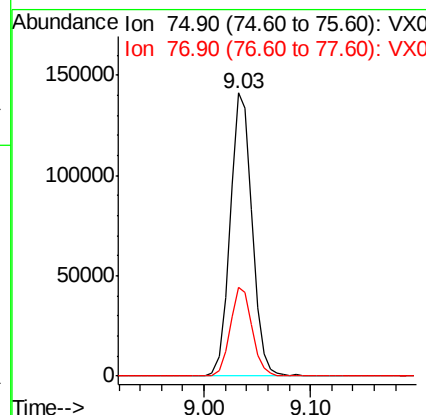
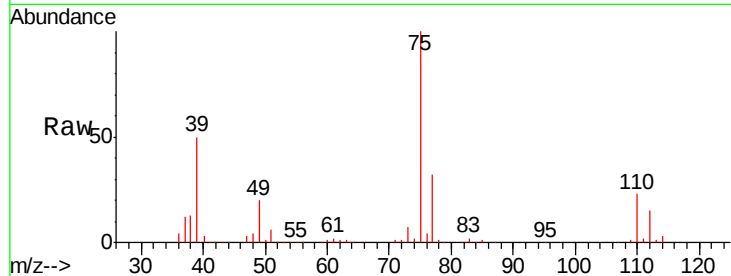




#53
 t-1,3-Dichloropropene
 Concen: 52.862 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

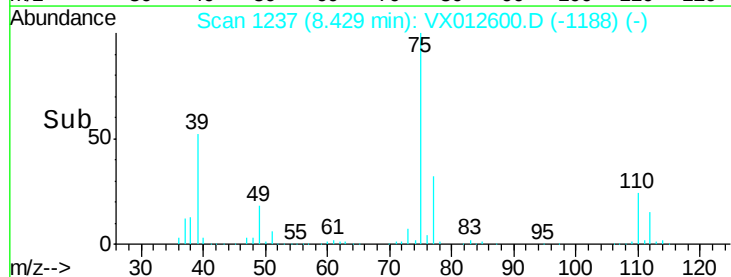
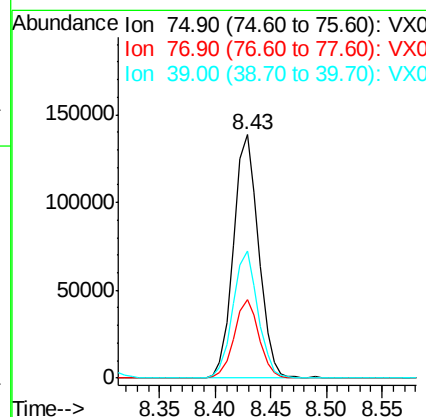
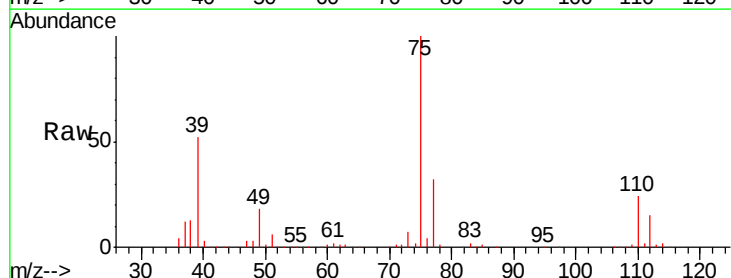
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

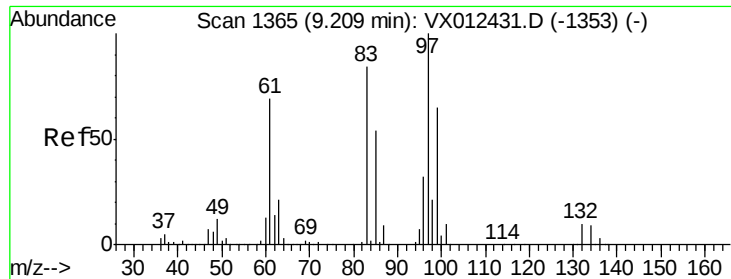
Tgt Ion: 75 Resp: 204078
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.395 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 75 Resp: 216635
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8
 39 52.0 45.5 68.3

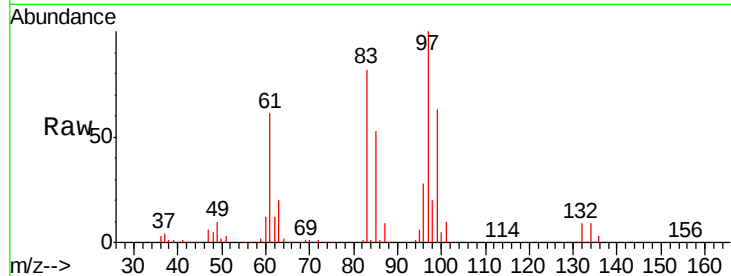




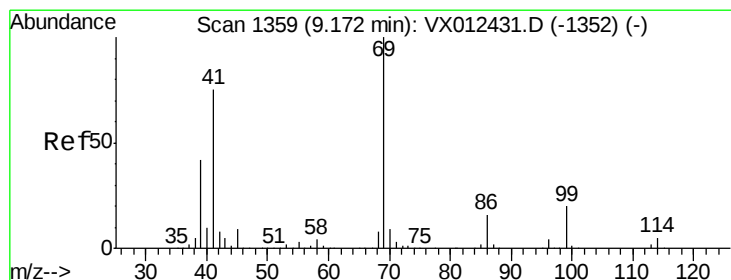
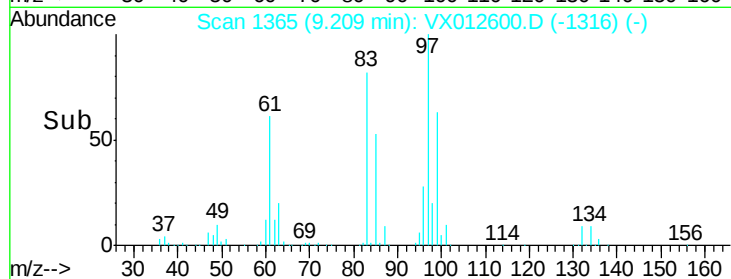
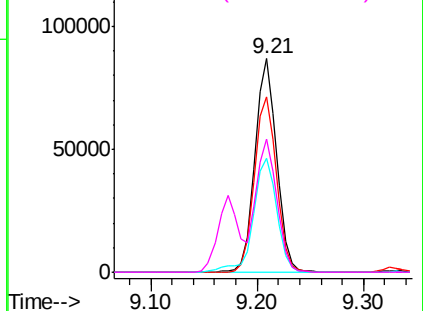
#55
 1,1,2-Trichloroethane
 Concen: 49.804 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tgt Ion:	97	Resp:	124641
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.2
85	53.5	43.5	65.3
99	62.5	51.8	77.8

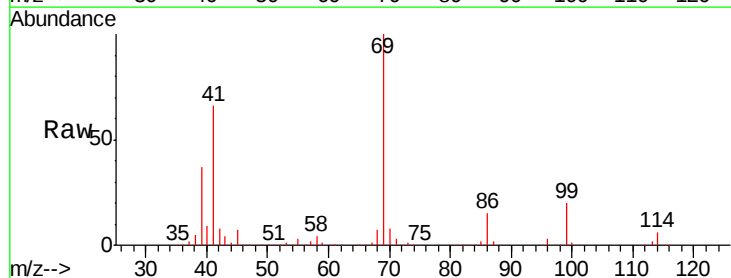


Abundance Ion 96.90 (96.60 to 97.60): VX0

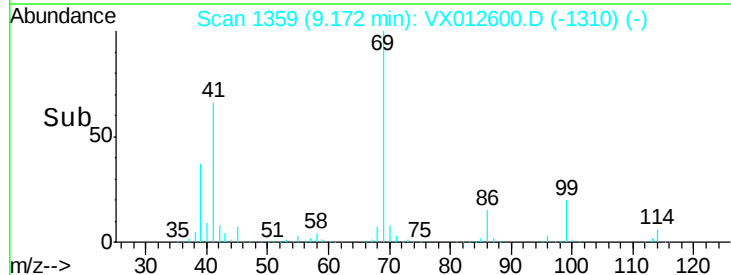
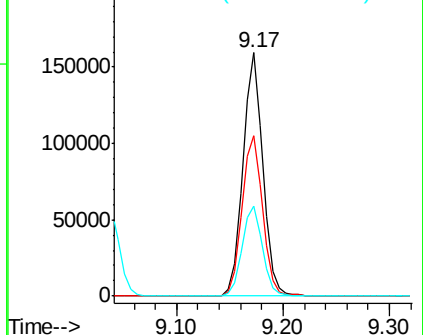


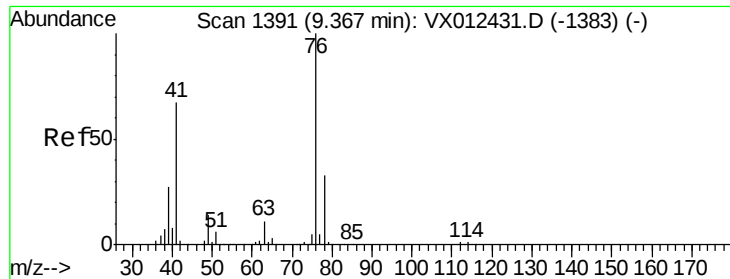
#56
 Ethyl methacrylate
 Concen: 49.873 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion:	69	Resp:	209685
Ion	Ratio	Lower	Upper
69	100		
41	68.5	58.4	87.6
39	37.9	33.4	50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

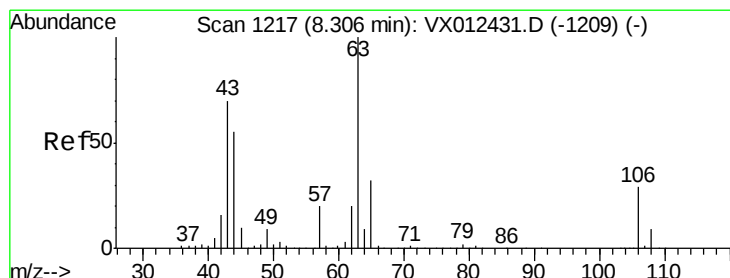
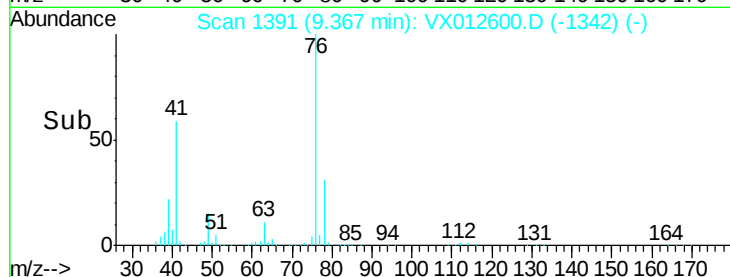
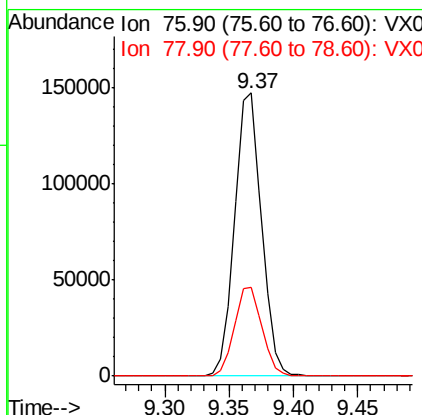
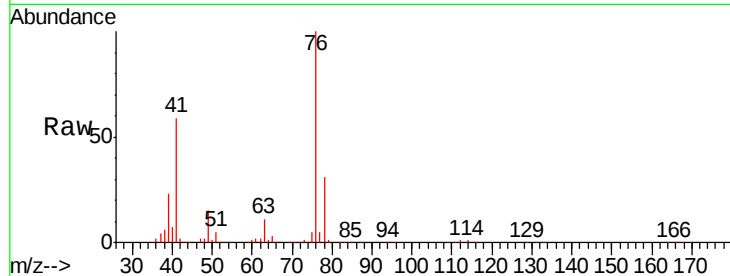




#57
 1,3-Dichloropropane
 Concen: 48.970 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

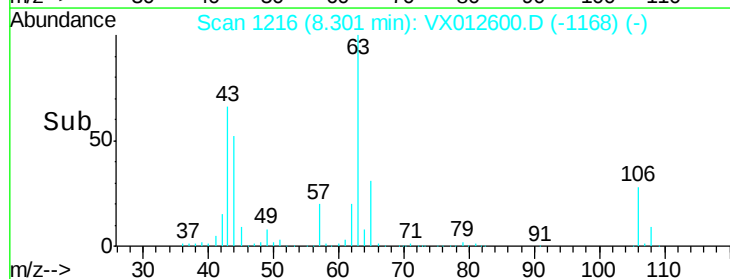
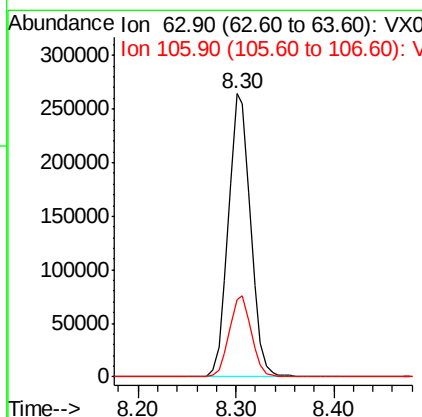
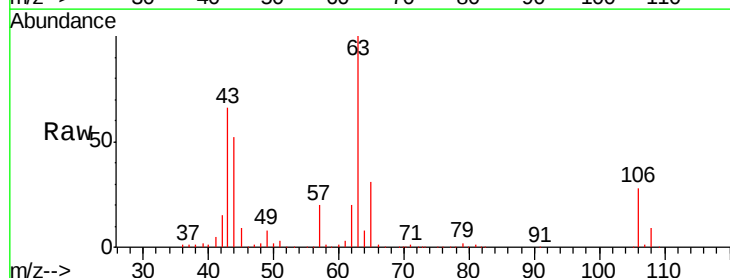
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

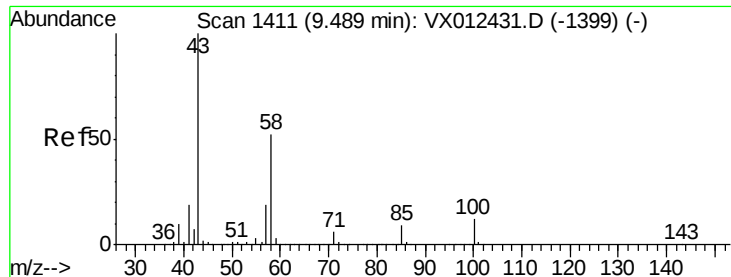
Tgt Ion: 76 Resp: 214487
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.048 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 63 Resp: 415284
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.8 35.6

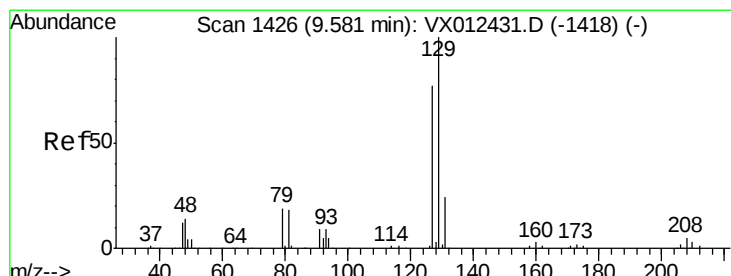
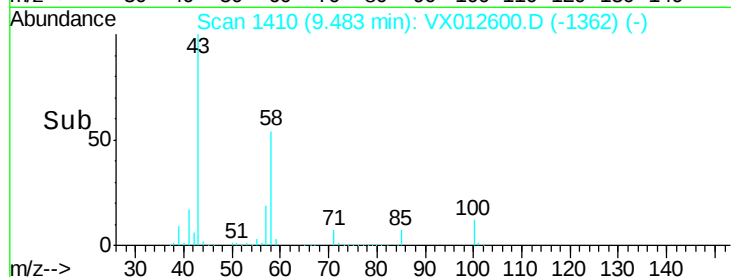
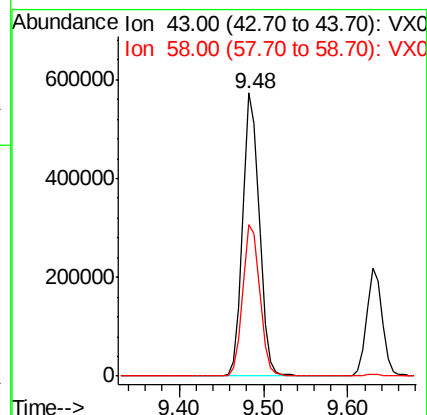
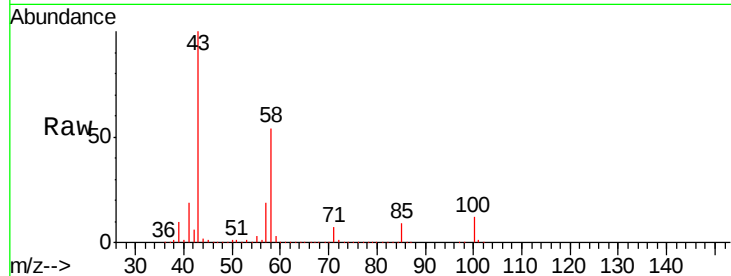




#59
2-Hexanone
Concen: 240.729 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

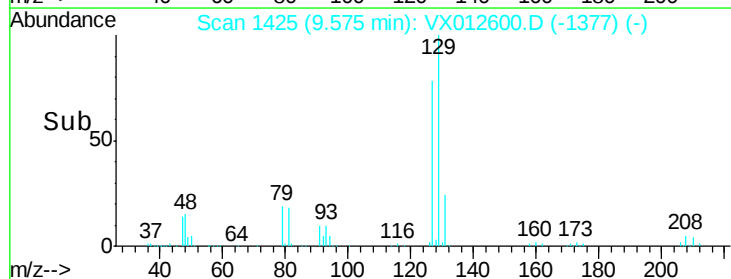
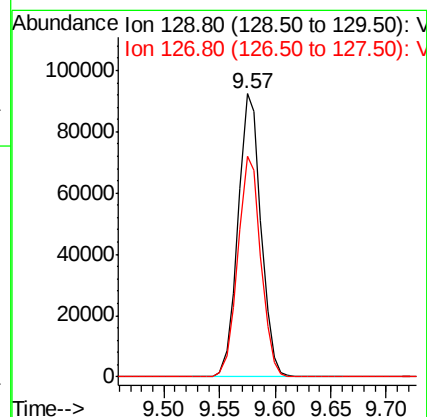
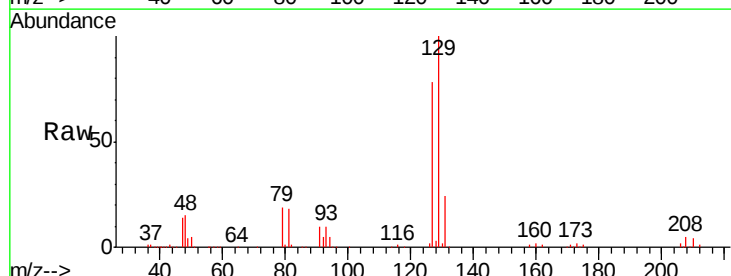
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

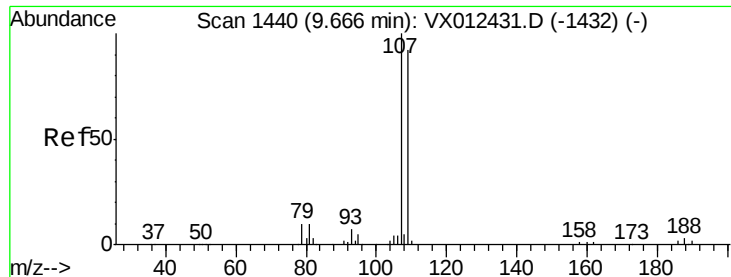
Tgt Ion: 43 Resp: 756969
Ion Ratio Lower Upper
43 100
58 54.8 25.7 77.1



#60
Dibromochloromethane
Concen: 51.894 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 129 Resp: 131468
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.543 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

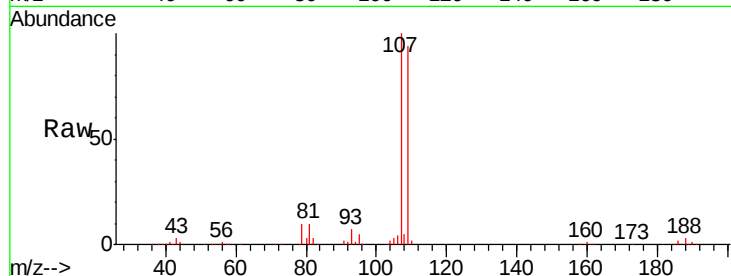
ICVVX092319

Tgt Ion: 107 Resp: 131641

Ion Ratio Lower Upper

107 100

109 92.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

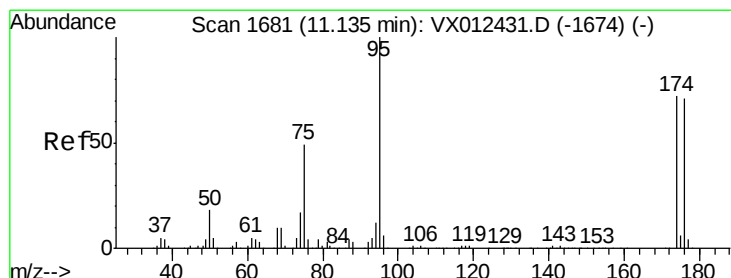
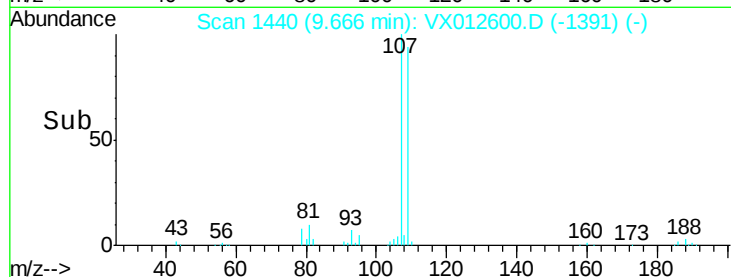
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.296 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

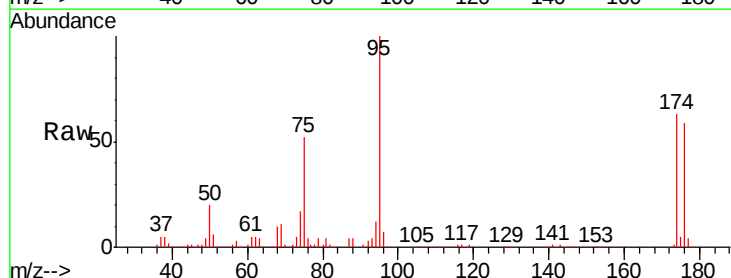
Tgt Ion: 95 Resp: 163361

Ion Ratio Lower Upper

95 100

174 68.0 0.0 140.0

176 64.9 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

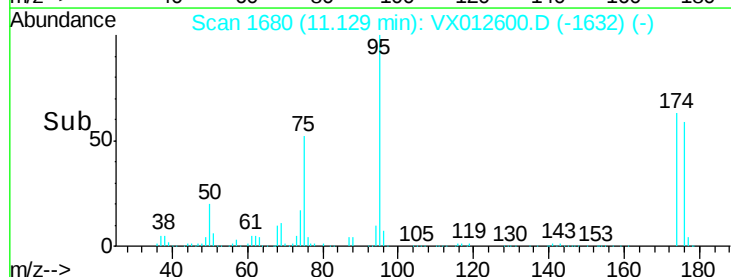
150000

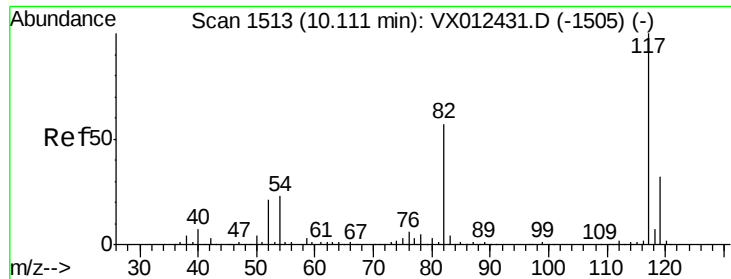
100000

50000

0

Time-->

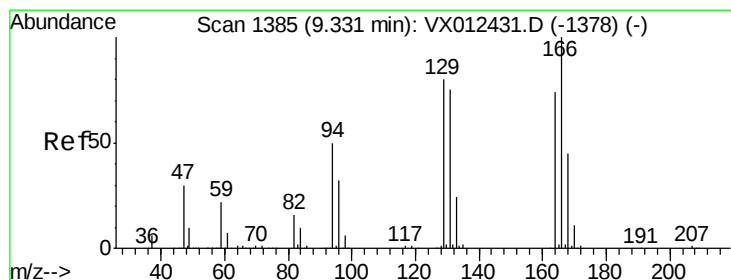
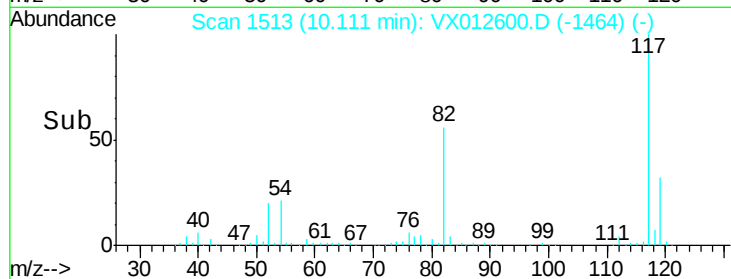
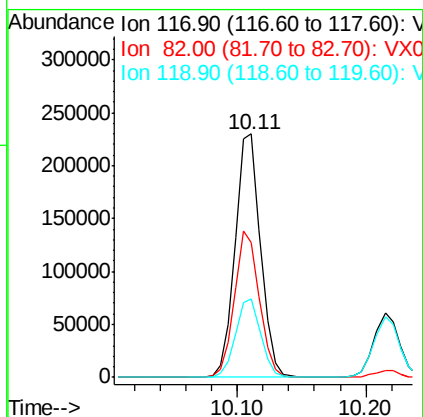
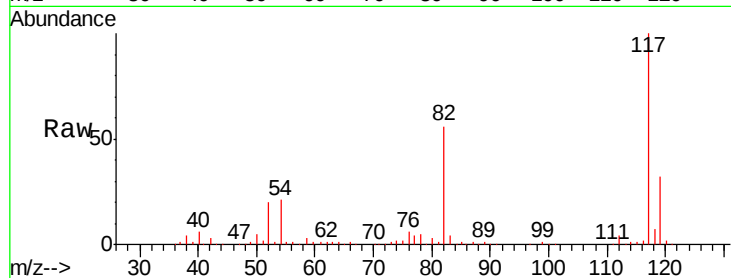




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

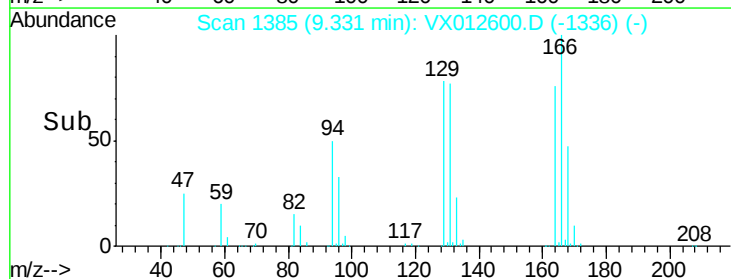
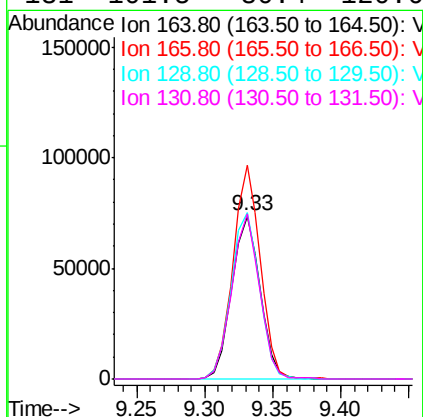
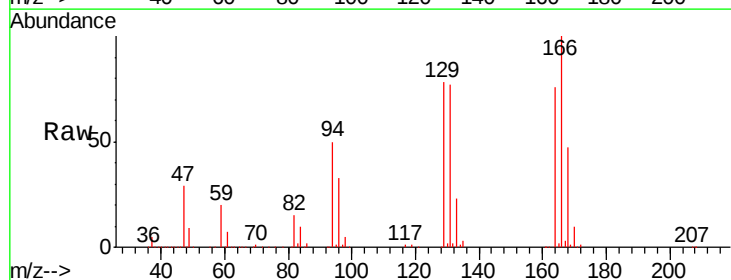
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

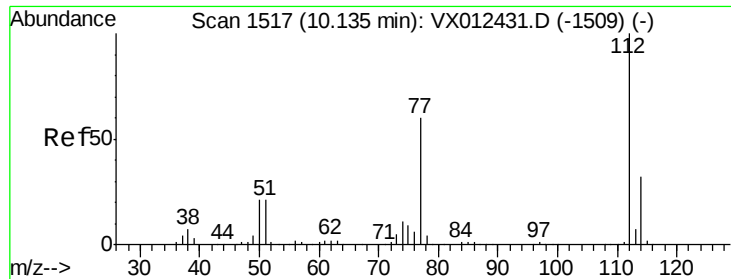
Tgt Ion:117 Resp: 316510
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 48.359 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:164 Resp: 106717
Ion Ratio Lower Upper
164 100
166 131.0 107.8 161.6
129 101.8 86.2 129.2
131 101.5 80.4 120.6

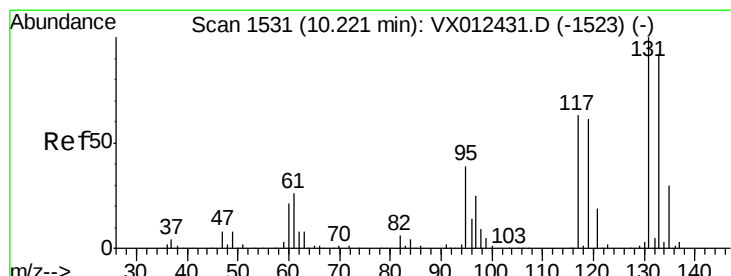
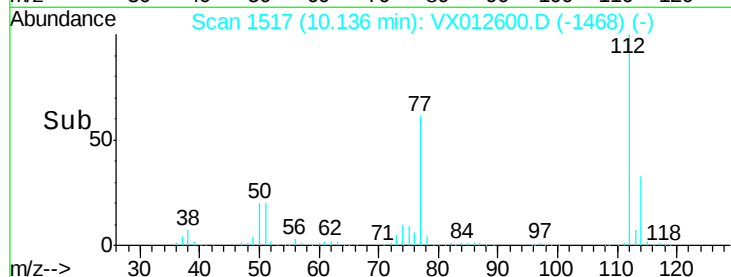
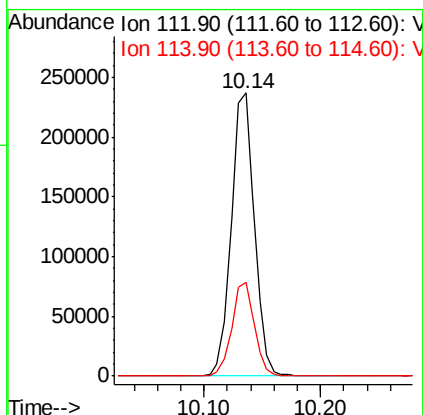
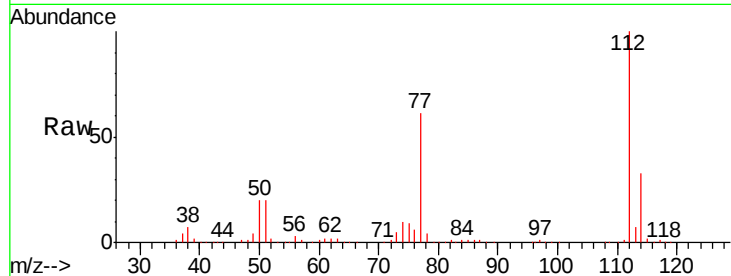




#65
Chlorobenzene
Concen: 49.208 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

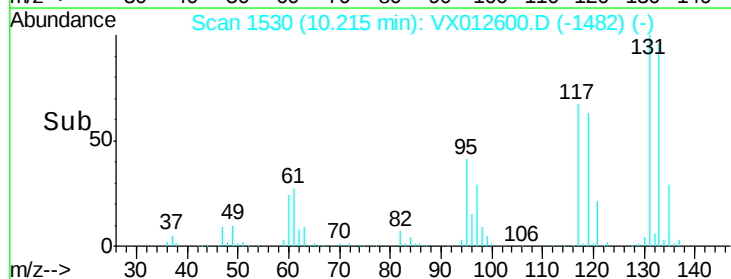
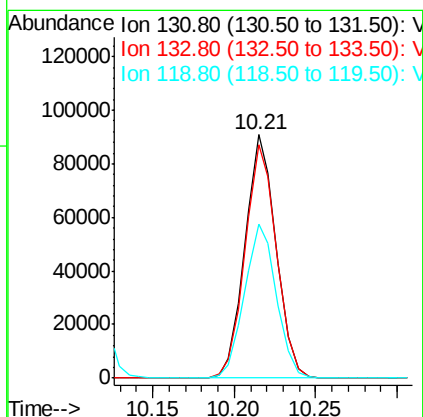
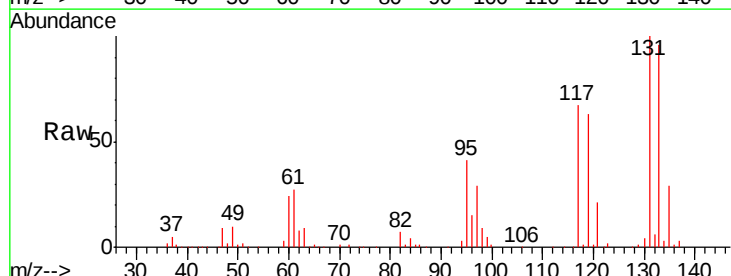
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

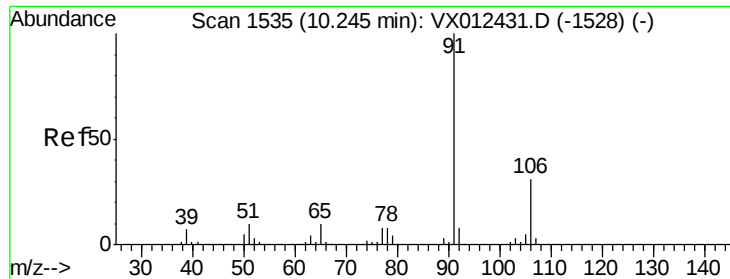
Tgt Ion:112 Resp: 327971
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.890 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:131 Resp: 120480
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 65.1 31.3 93.8

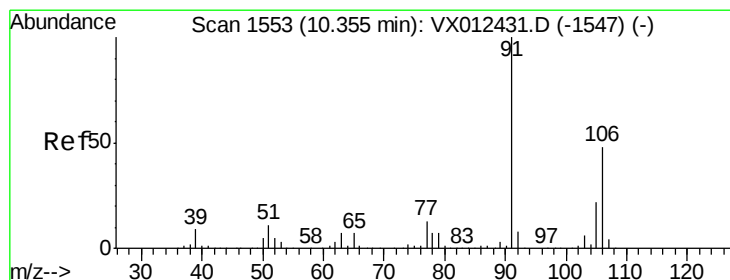
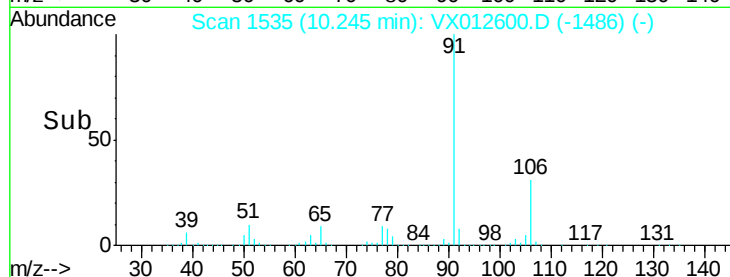
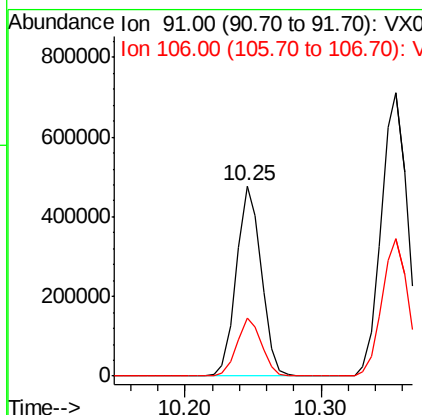
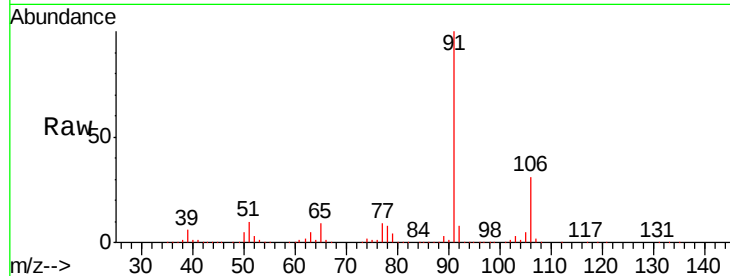




#67
Ethyl Benzene
Concen: 50.523 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

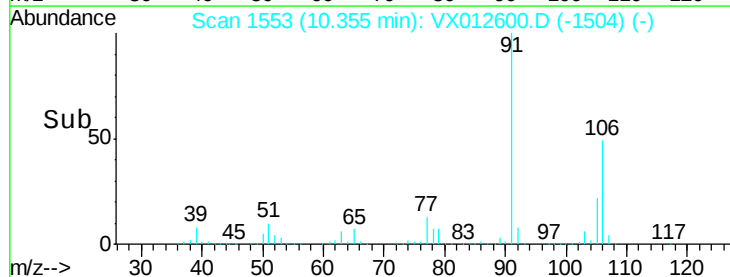
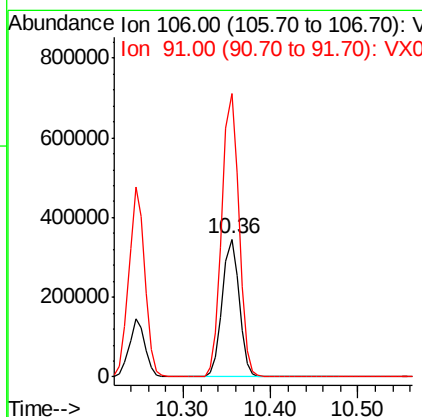
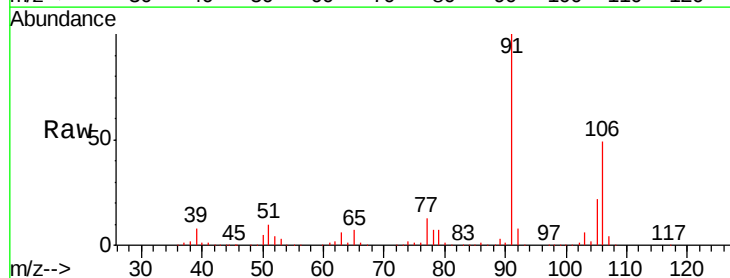
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

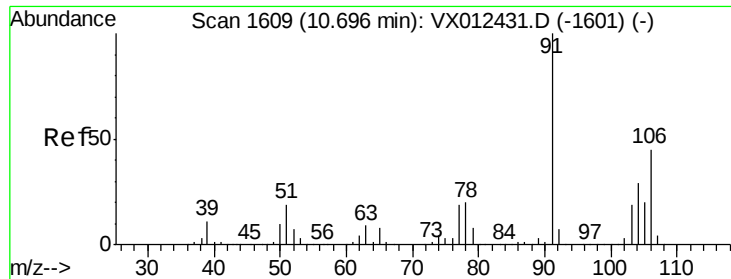
Tgt Ion: 91 Resp: 610759
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 101.936 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 106 Resp: 461611
Ion Ratio Lower Upper
106 100
91 207.6 166.6 250.0

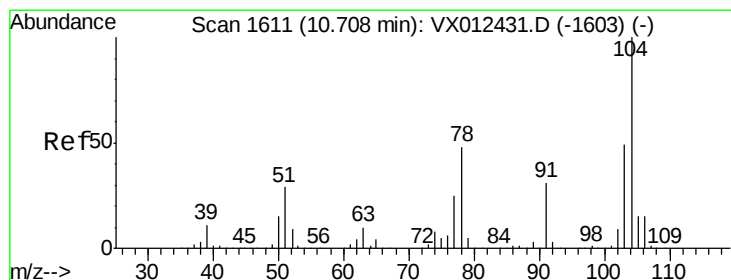
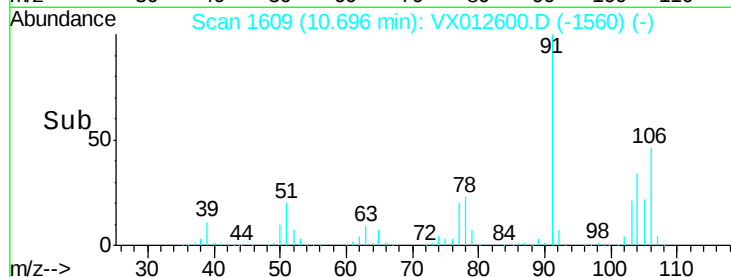
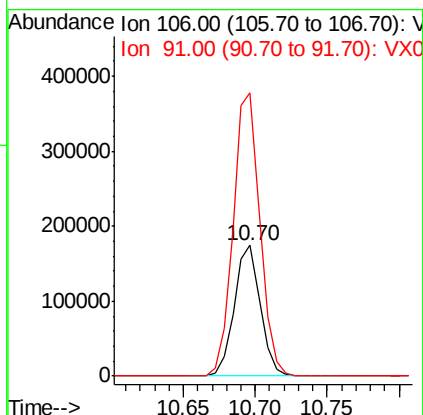
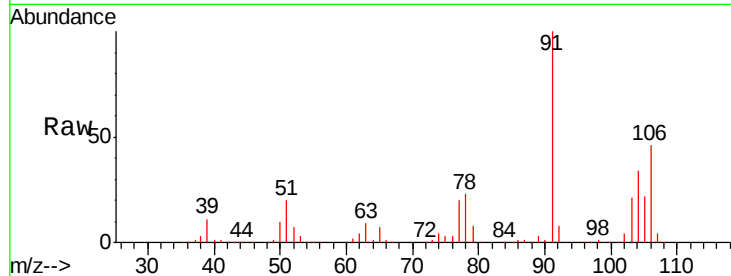




#69
o-Xylene
Concen: 50.272 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

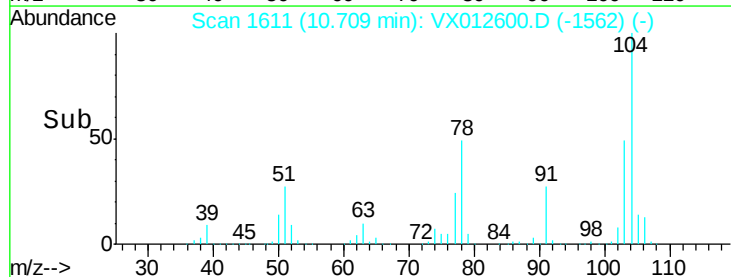
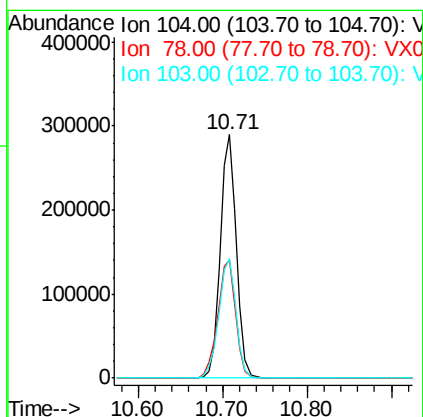
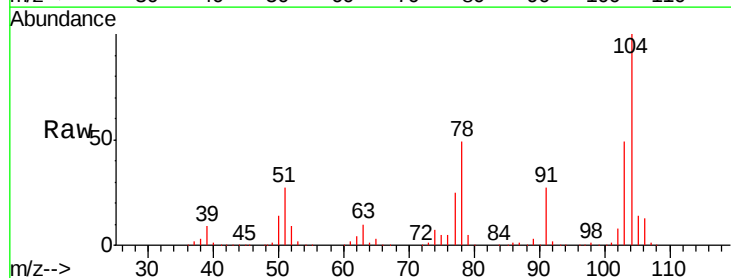
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

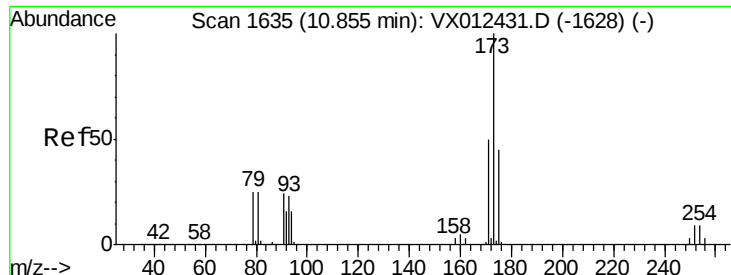
Tgt Ion:106 Resp: 220282
Ion Ratio Lower Upper
106 100
91 222.5 109.4 328.2



#70
Styrene
Concen: 51.756 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:104 Resp: 380187
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.2
103 53.5 43.3 64.9





#71

Bromoform

Concen: 52.294 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

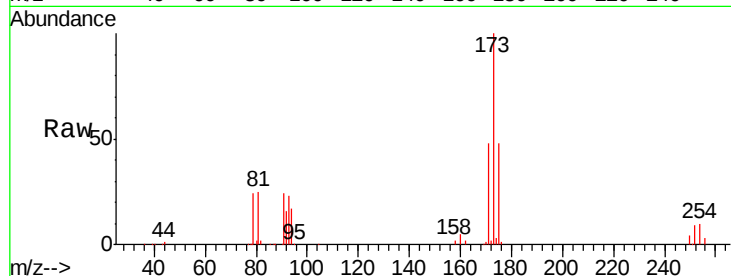
Tgt Ion:173 Resp: 87933

Ion Ratio Lower Upper

173 100

175 49.3 23.7 71.1

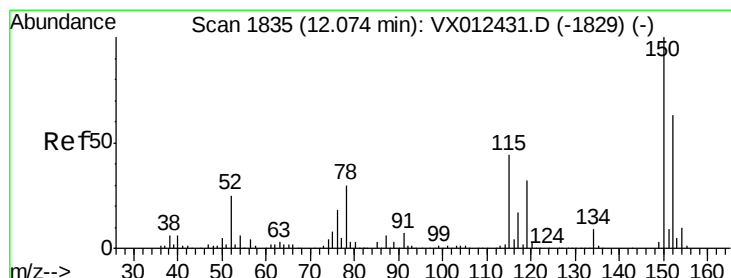
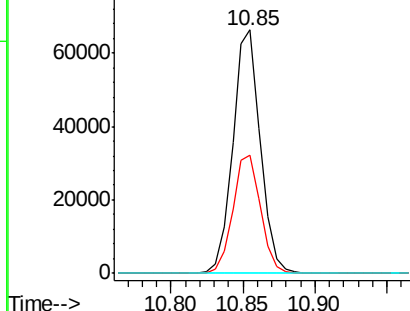
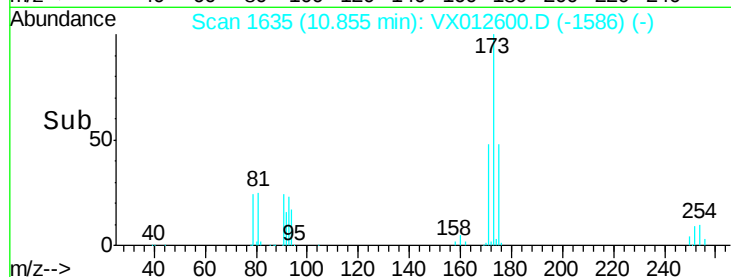
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

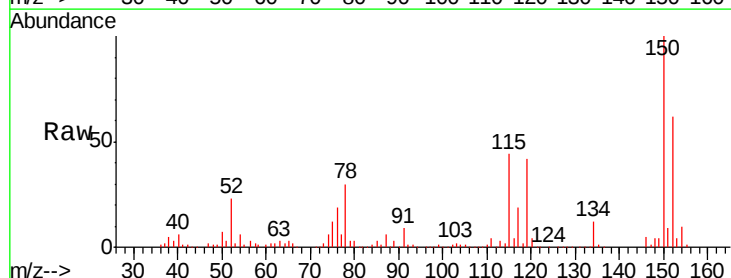
Tgt Ion:152 Resp: 149118

Ion Ratio Lower Upper

152 100

115 91.8 44.1 132.3

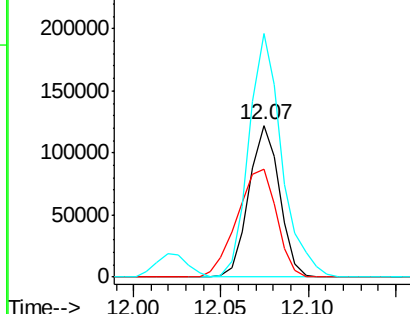
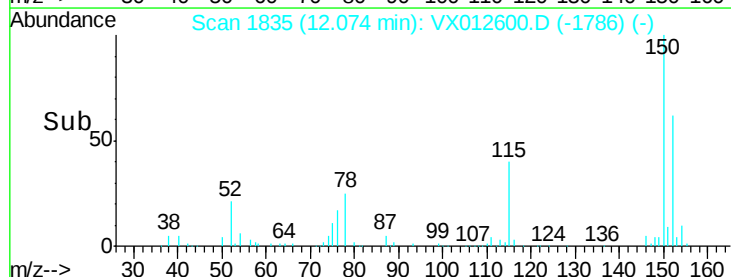
150 173.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.248 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

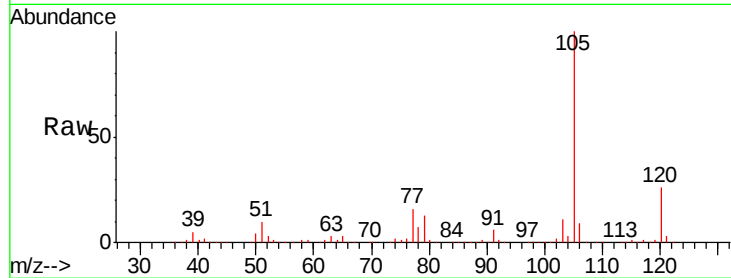
ICVVX092319

Tgt Ion: 105 Resp: 598129

Ion Ratio Lower Upper

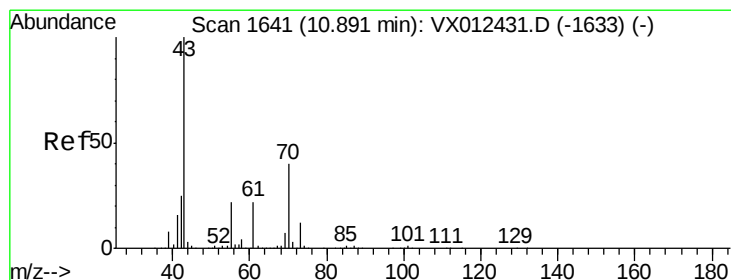
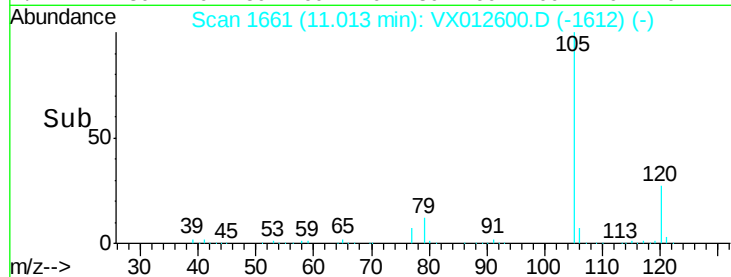
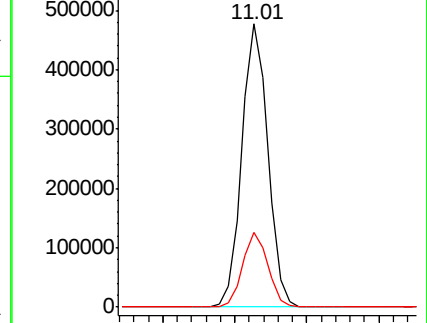
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.054 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion: 43 Resp: 284221

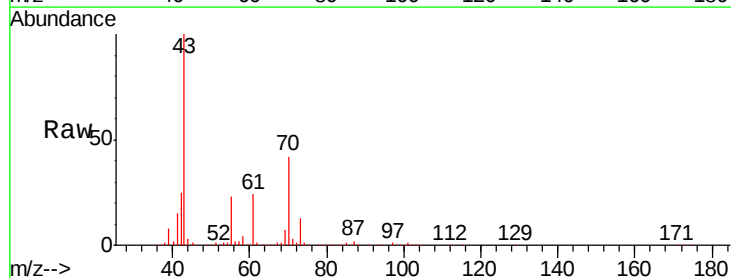
Ion Ratio Lower Upper

43 100

70 42.5 32.4 48.6

55 23.4 18.2 27.4

61 24.4 18.5 27.7

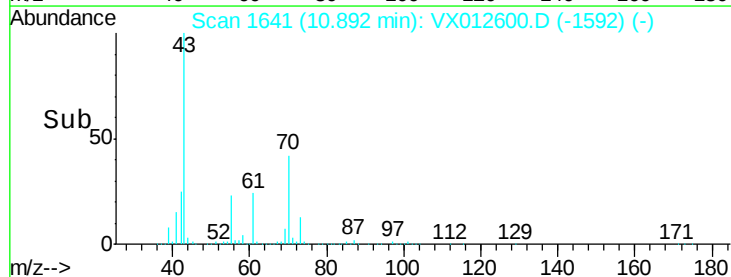
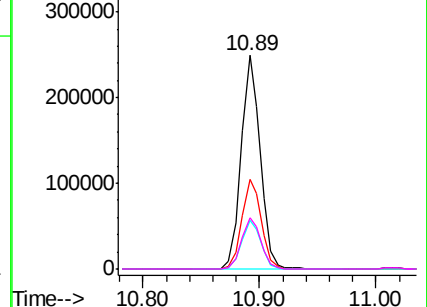


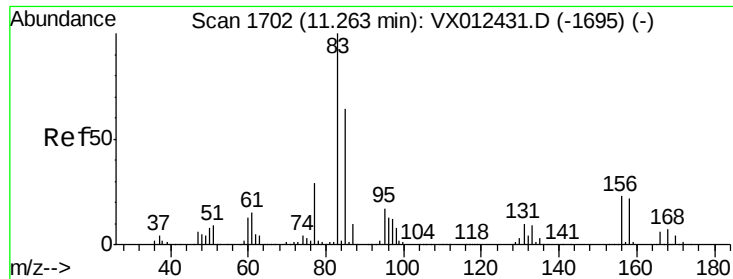
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.830 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

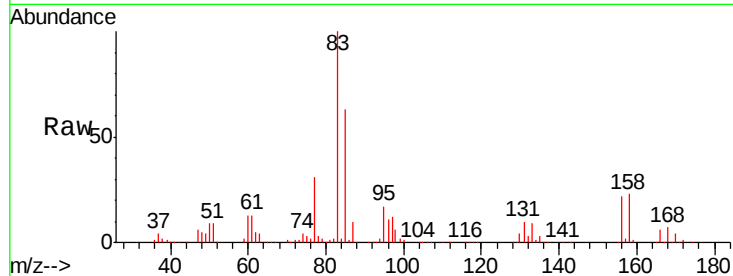
Tgt Ion: 83 Resp: 192385

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

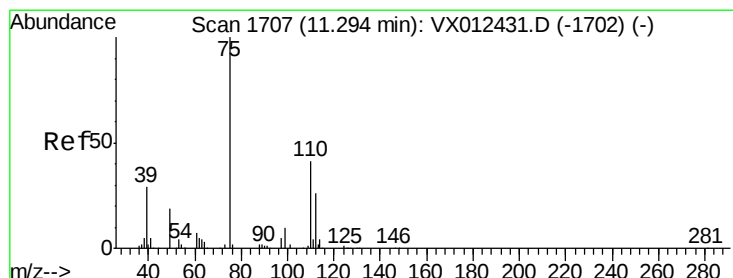
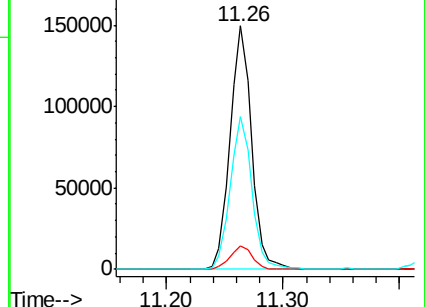
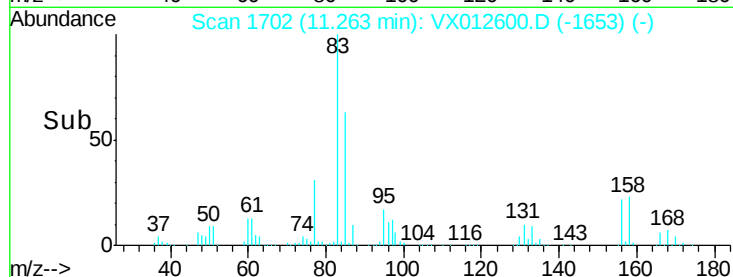
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.734 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012600.D

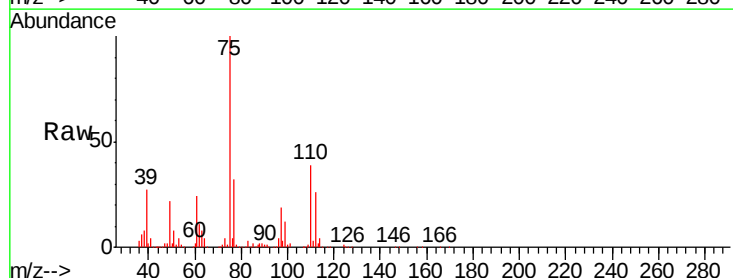
Acq: 23 Sep 2019 12:55

Tgt Ion: 75 Resp: 227733

Ion Ratio Lower Upper

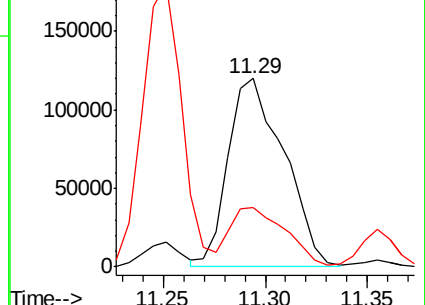
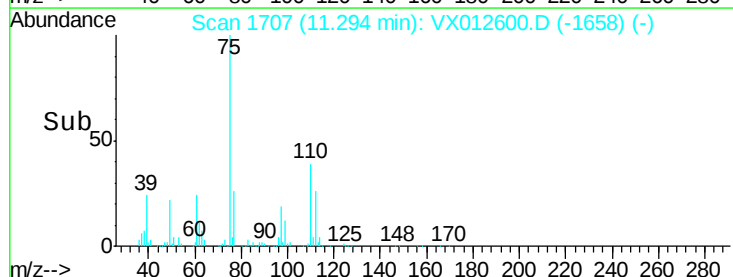
75 100

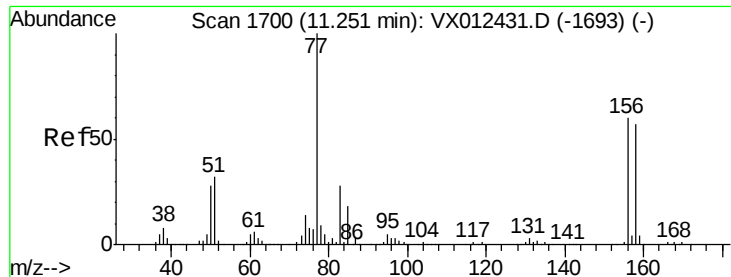
77 31.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.565 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

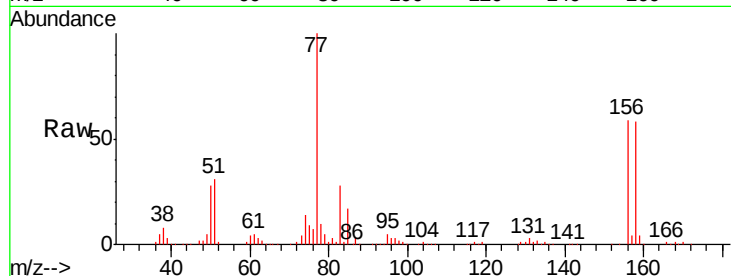
Tgt Ion:156 Resp: 130746

Ion Ratio Lower Upper

156 100

77 184.7 87.3 261.8

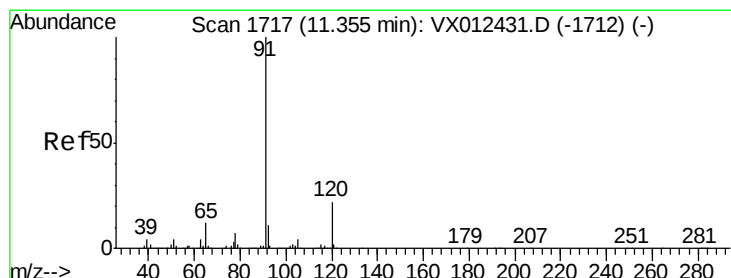
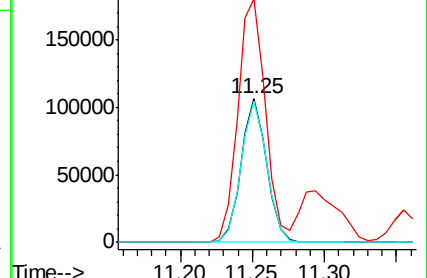
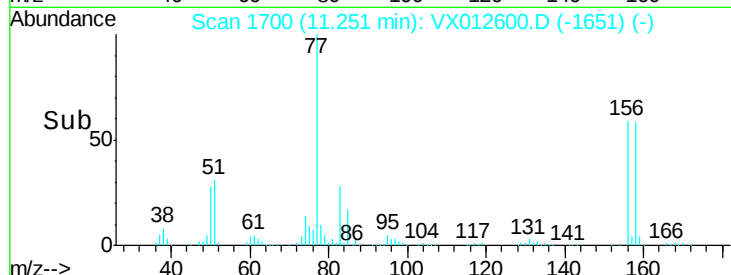
158 99.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.968 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012600.D

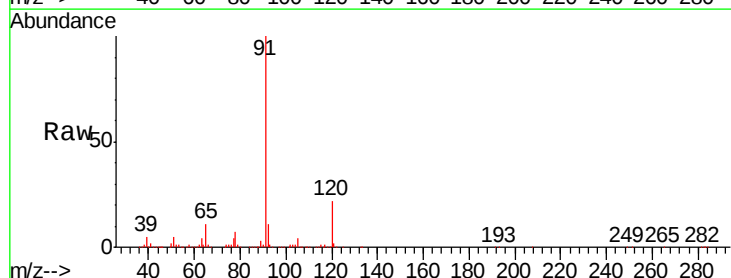
Acq: 23 Sep 2019 12:55

Tgt Ion: 91 Resp: 696896

Ion Ratio Lower Upper

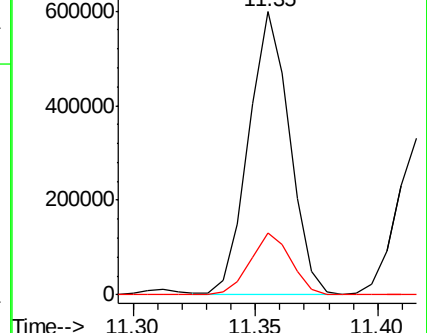
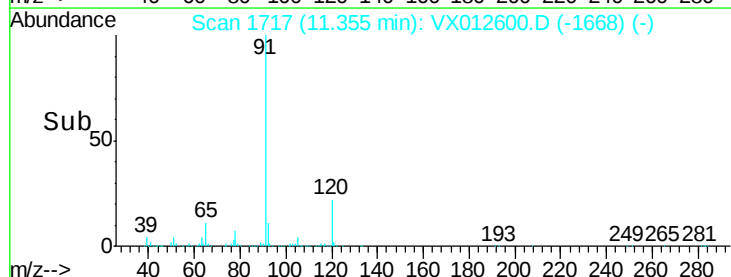
91 100

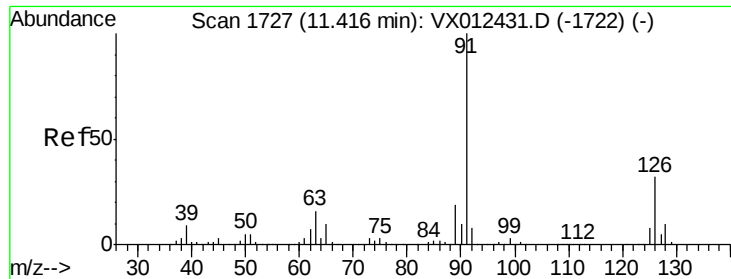
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

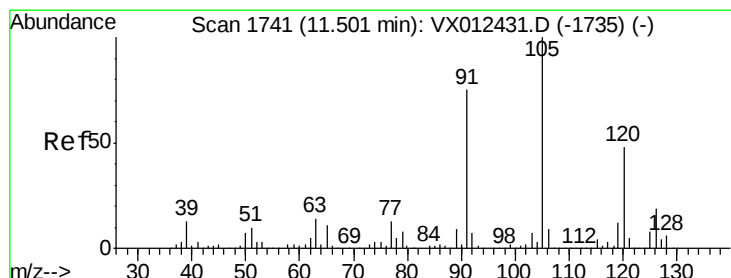
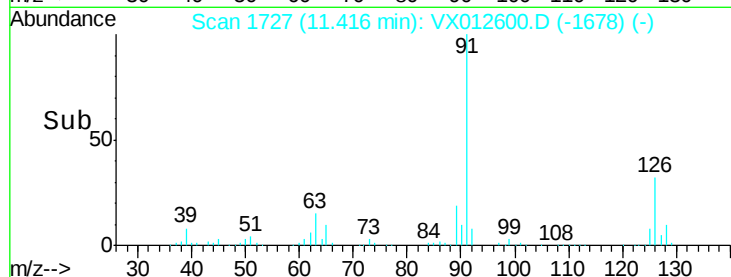
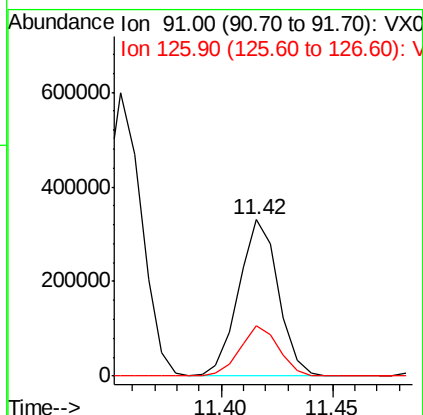
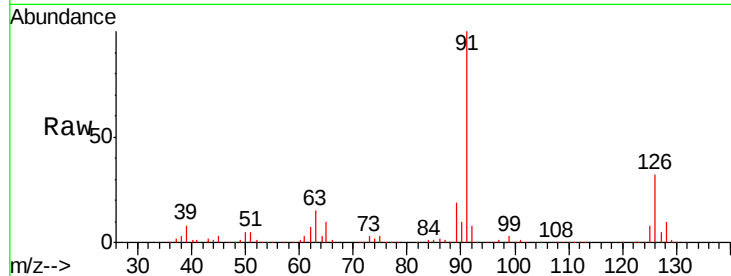




#79
 2-Chlorotoluene
 Concen: 47.976 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

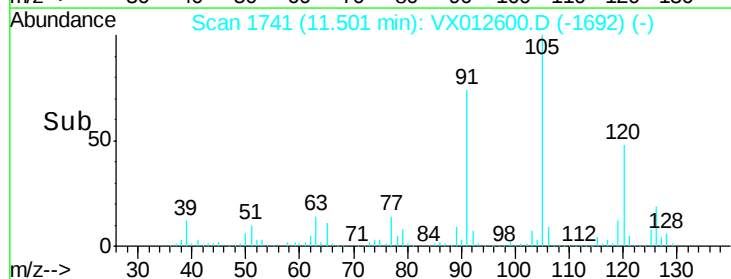
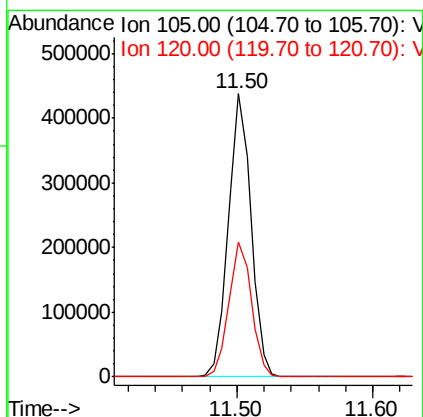
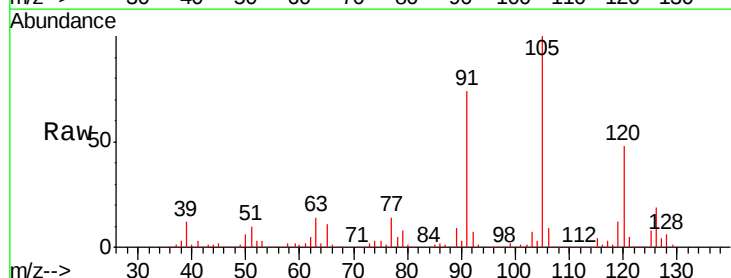
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

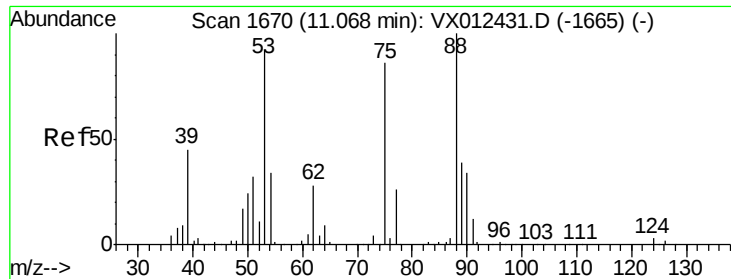
Tgt Ion: 91 Resp: 409223
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.568 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 105 Resp: 504834
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.618 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

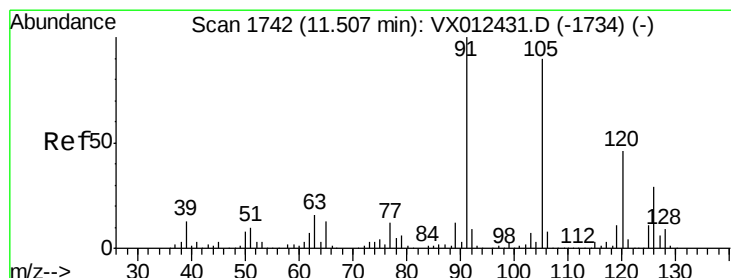
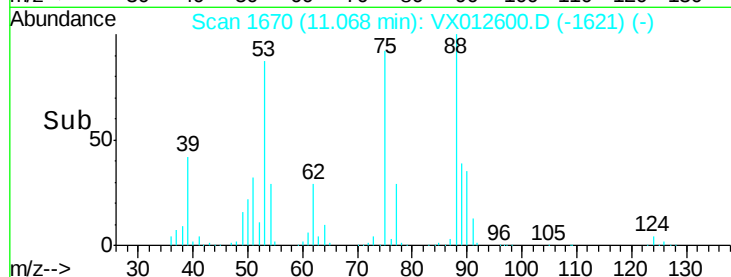
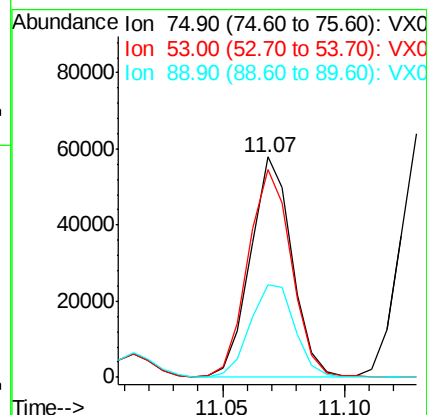
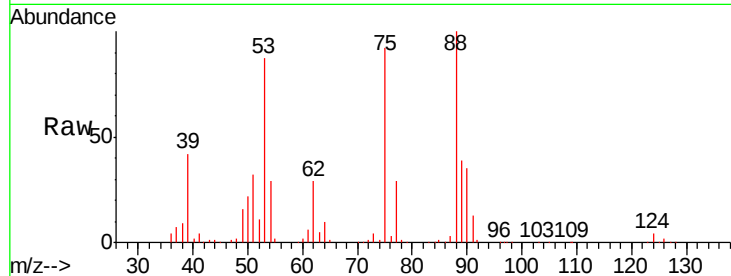
Tgt Ion: 75 Resp: 68296

Ion Ratio Lower Upper

75 100

53 98.9 83.6 125.4

89 45.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 49.169 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012600.D

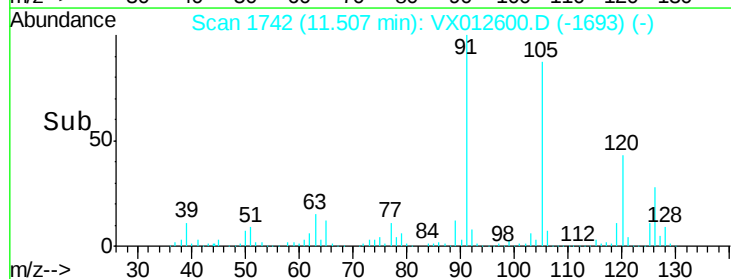
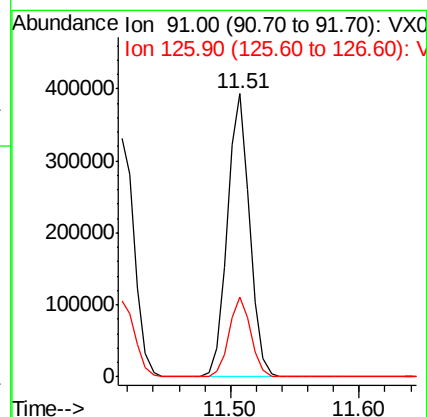
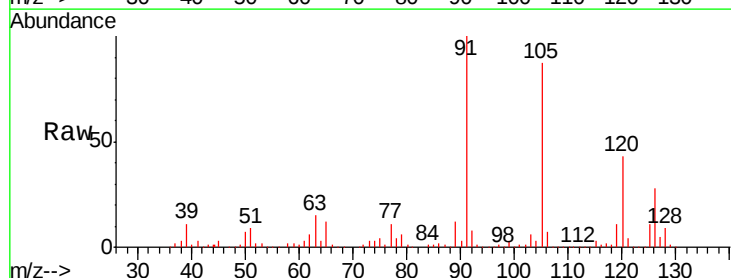
Acq: 23 Sep 2019 12:55

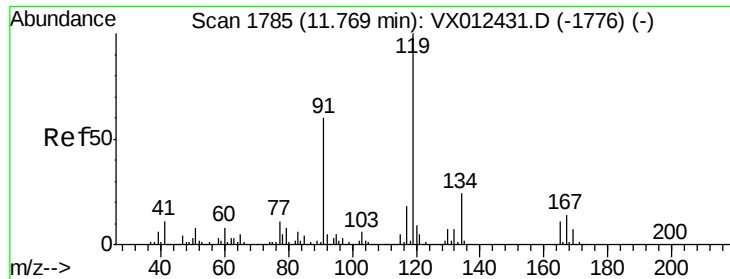
Tgt Ion: 91 Resp: 478096

Ion Ratio Lower Upper

91 100

126 27.8 14.4 43.0

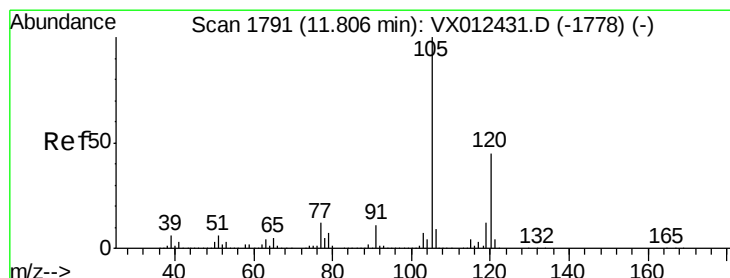
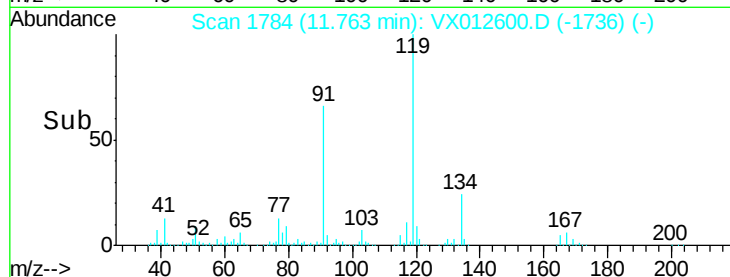
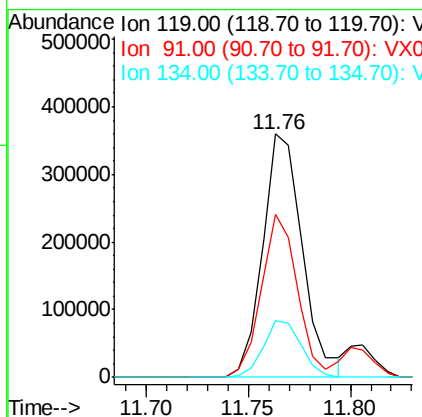
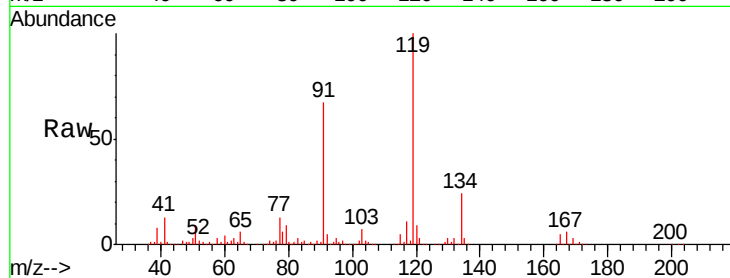




#83
tert-Butylbenzene
Concen: 49.779 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

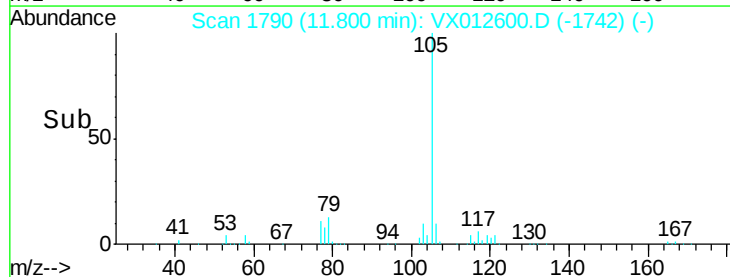
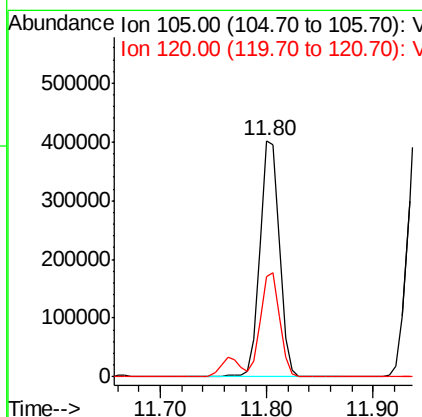
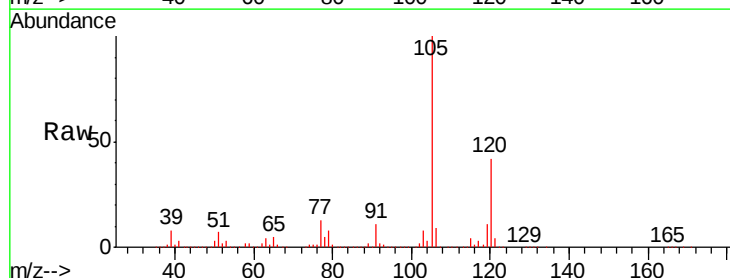
Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

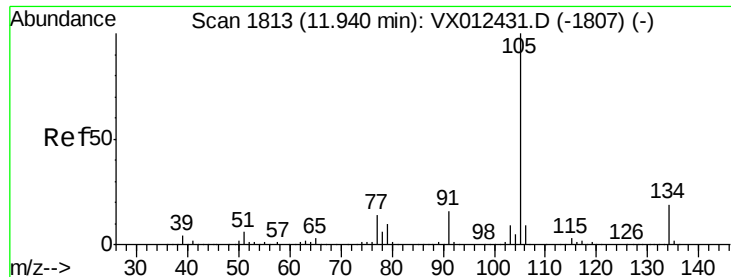
Tgt Ion:119 Resp: 489059
Ion Ratio Lower Upper
119 100
91 60.6 30.0 90.0
134 22.4 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 50.380 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:105 Resp: 517614
Ion Ratio Lower Upper
105 100
120 43.2 22.2 66.6

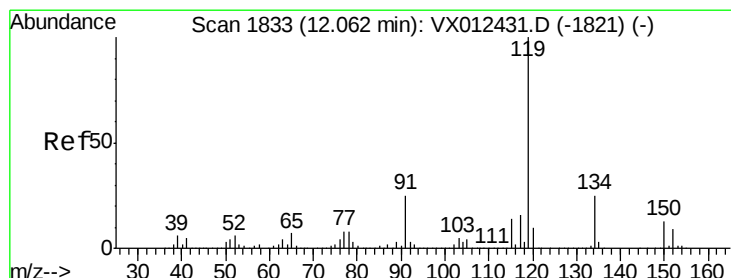
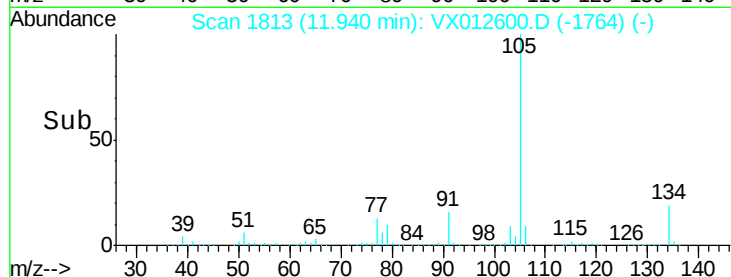
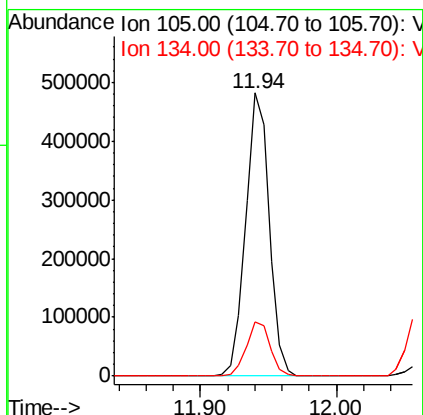
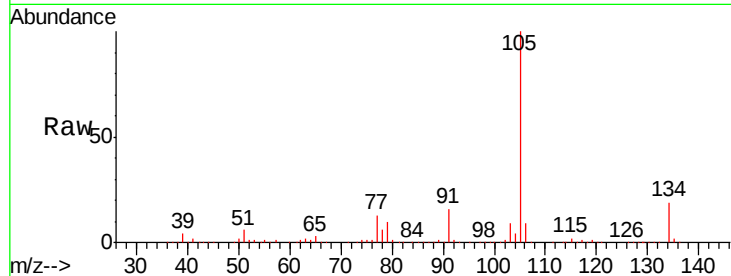




#85
 sec-Butylbenzene
 Concen: 50.906 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

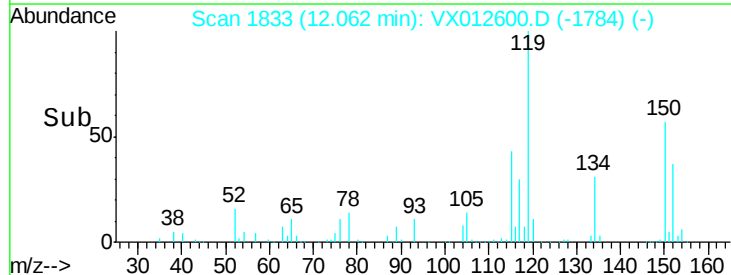
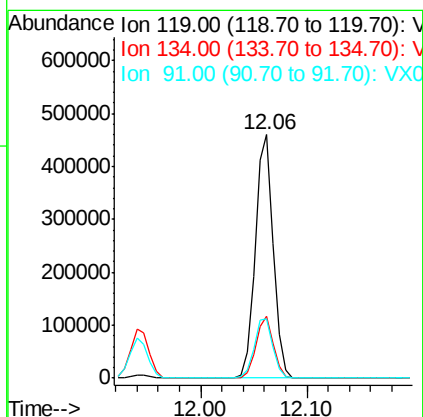
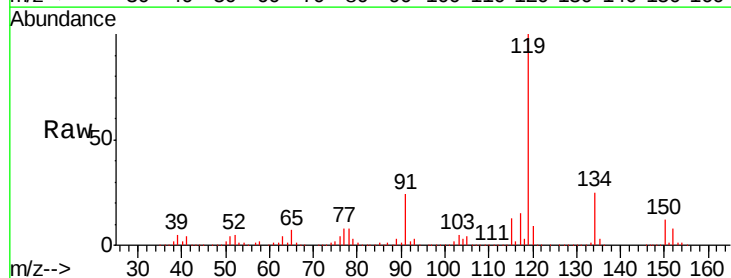
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

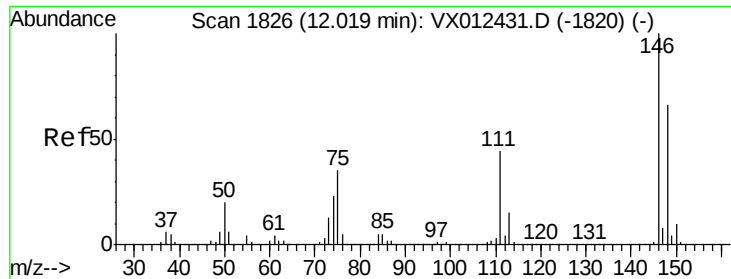
Tgt Ion:105 Resp: 581704
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.382 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion:119 Resp: 540101
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.7 38.1
 91 25.5 12.8 38.4

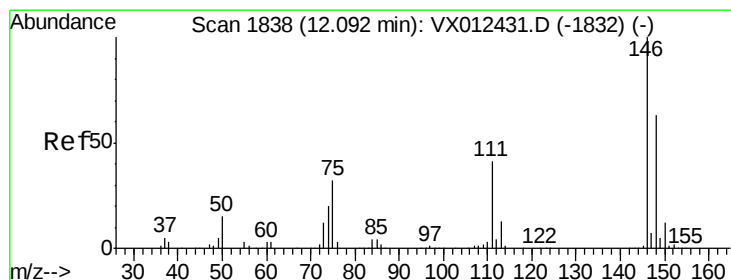
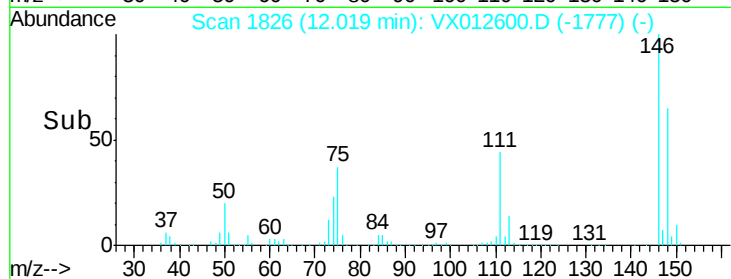
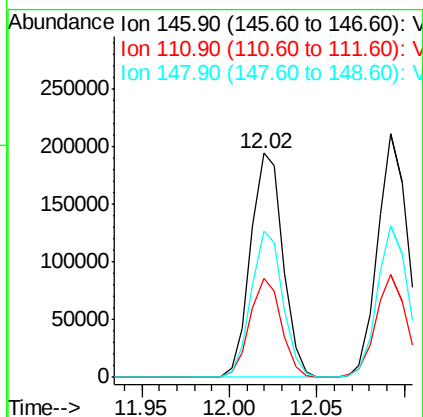
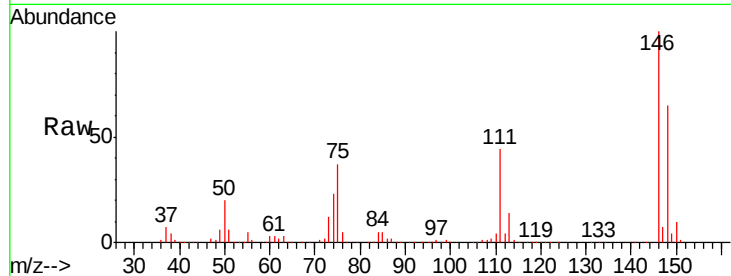




#87
 1,3-Dichlorobenzene
 Concen: 50.452 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

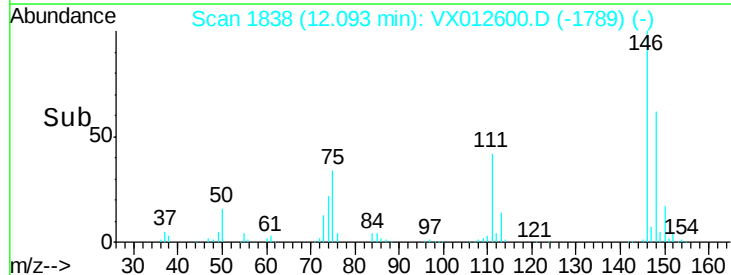
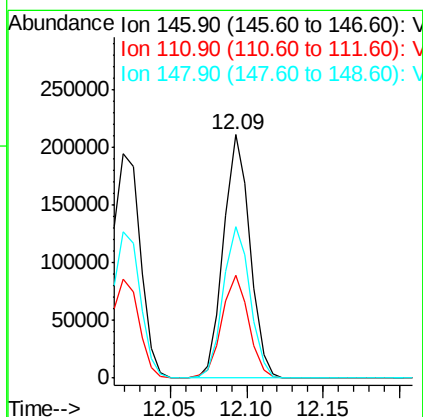
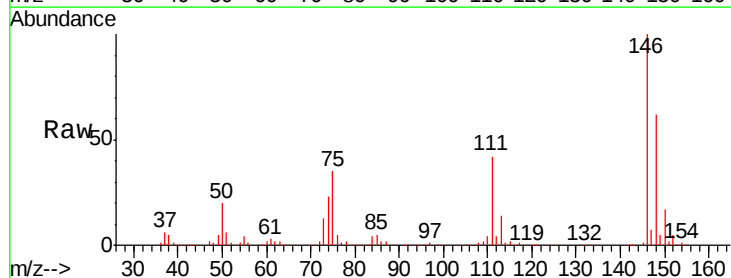
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

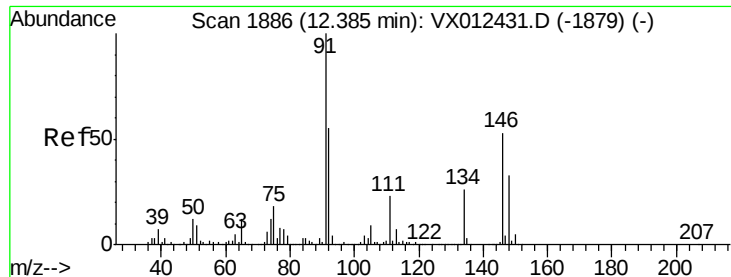
Tgt Ion:146 Resp: 249574
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 64.0
 148 63.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.370 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion:146 Resp: 251784
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.3
 148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 53.126 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

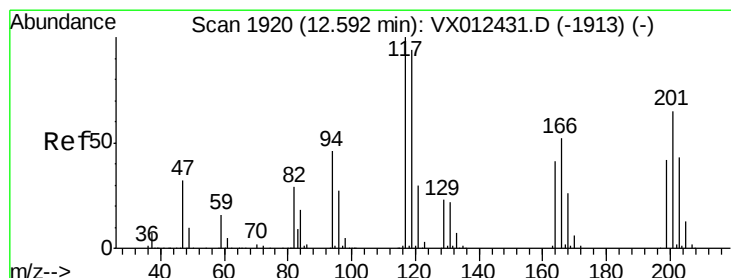
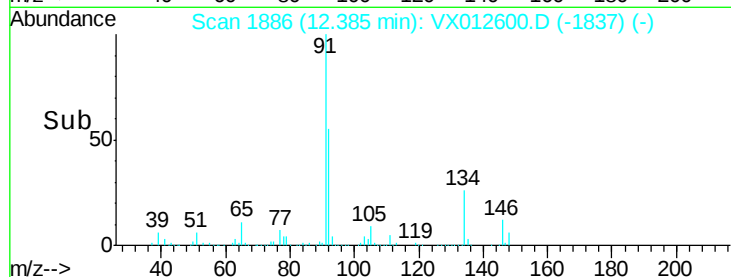
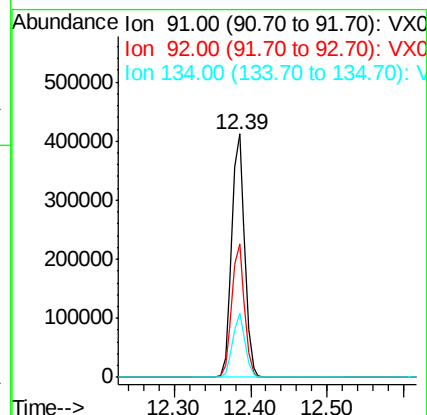
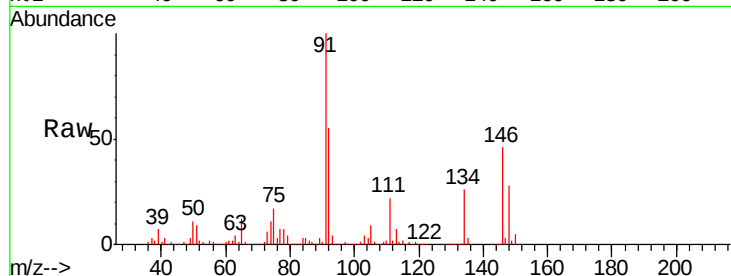
Tgt Ion: 91 Resp: 482687

Ion Ratio Lower Upper

91 100

92 53.7 27.7 83.0

134 25.2 12.9 38.6



#90

Hexachloroethane

Concen: 51.501 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012600.D

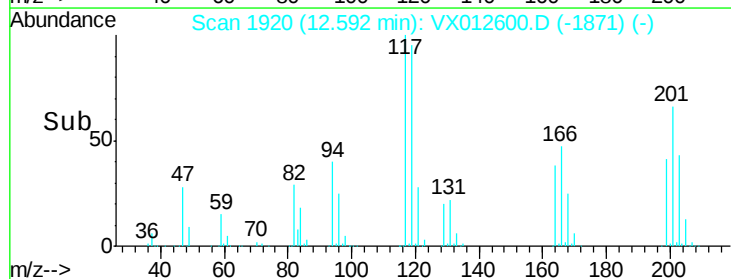
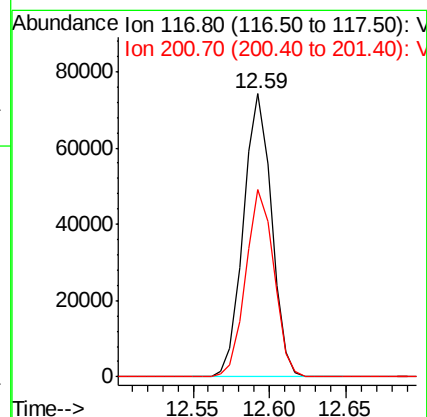
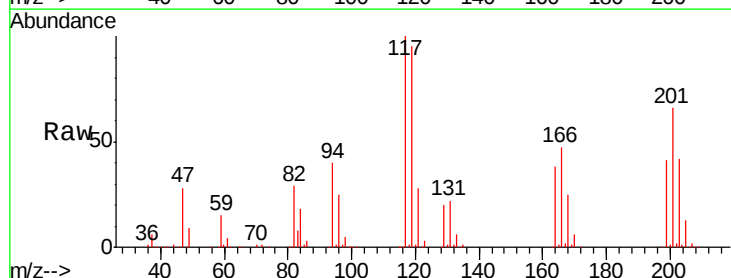
Acq: 23 Sep 2019 12:55

Tgt Ion: 117 Resp: 94671

Ion Ratio Lower Upper

117 100

201 66.5 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 49.179 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVX092319

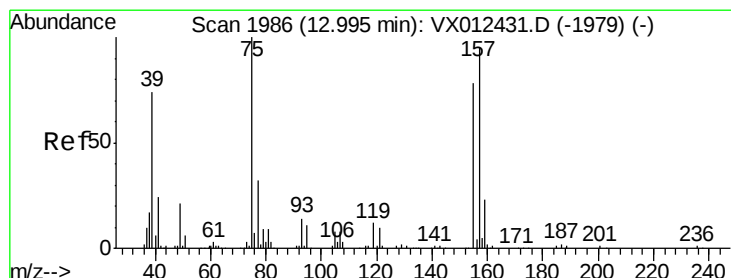
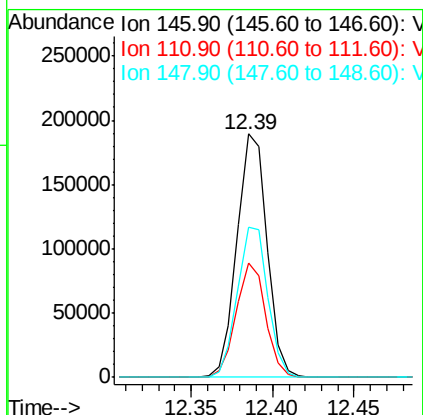
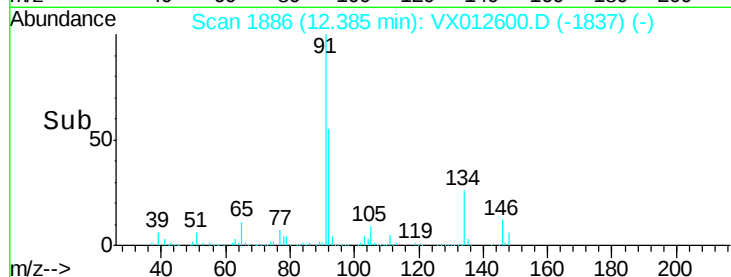
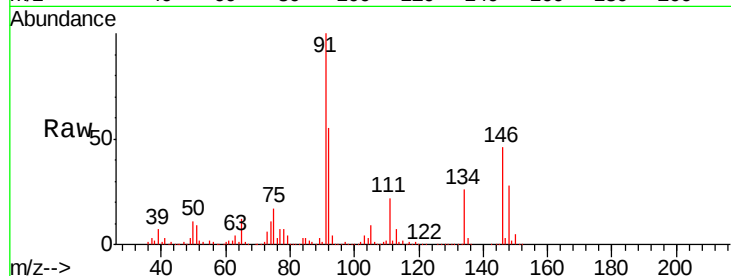
Tgt Ion:146 Resp: 243554

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.1

148 63.1 31.3 93.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.045 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

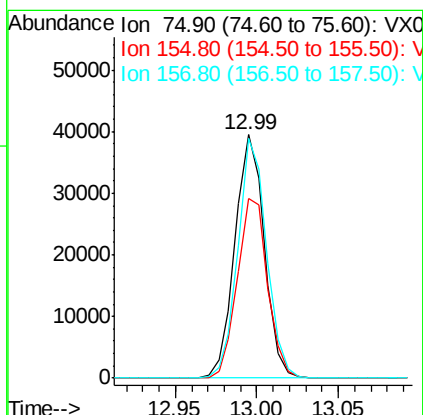
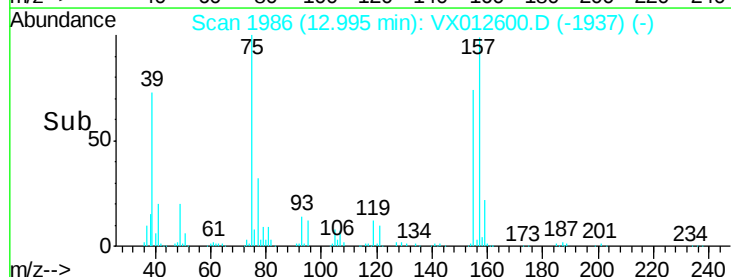
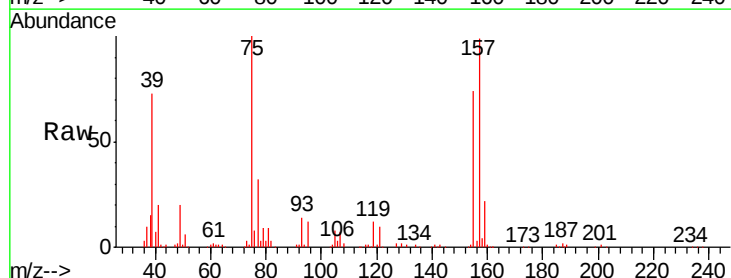
Tgt Ion: 75 Resp: 49348

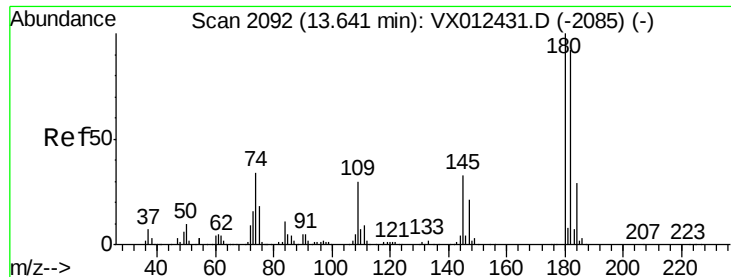
Ion Ratio Lower Upper

75 100

155 76.5 38.6 115.8

157 96.6 50.6 151.9

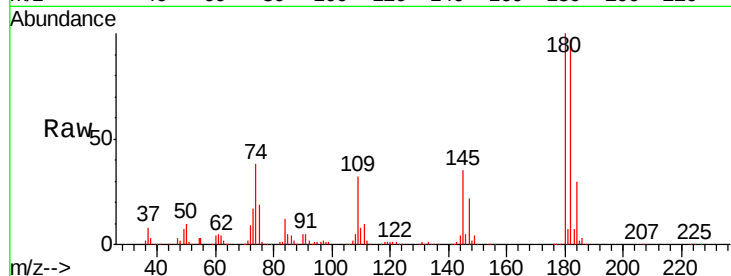




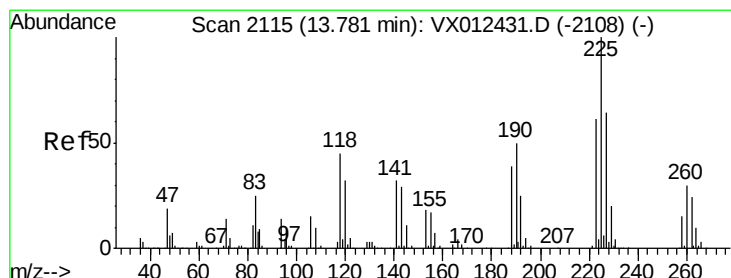
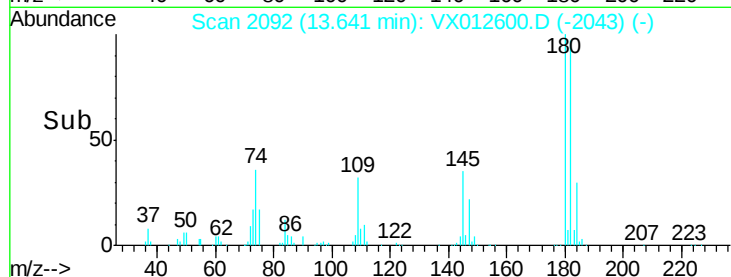
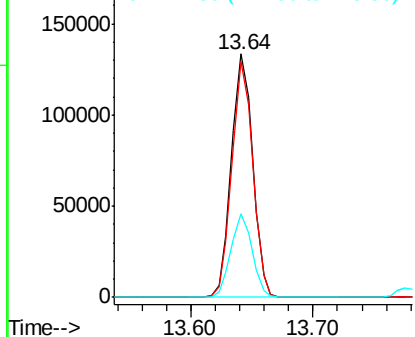
#93
 1,2,4-Trichlorobenzene
 Concen: 53.033 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tgt Ion:180 Resp: 160174
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.0 141.0
 145 34.3 16.8 50.4

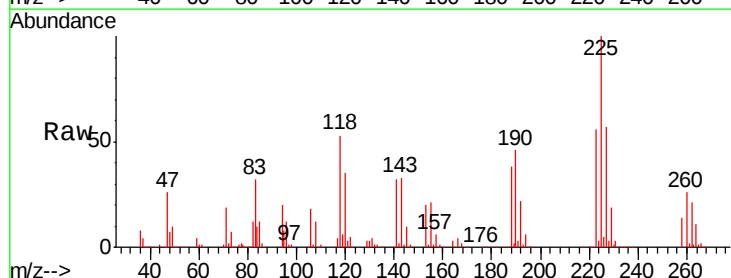


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

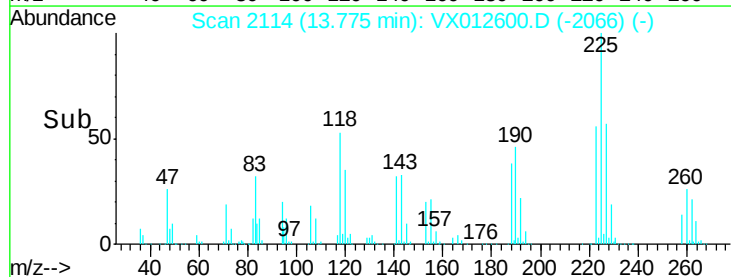
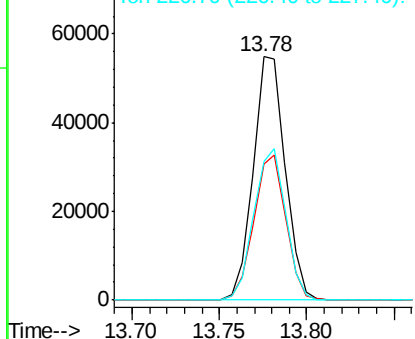


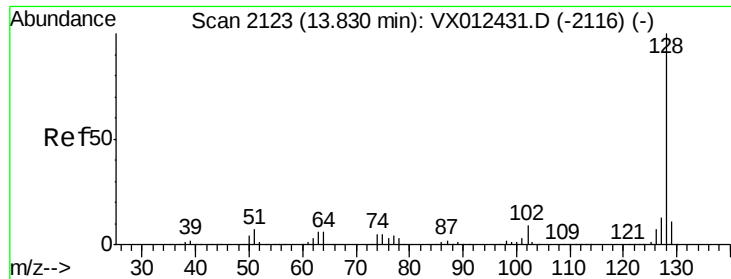
#94
 Hexachlorobutadiene
 Concen: 53.636 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion:225 Resp: 69690
 Ion Ratio Lower Upper
 225 100
 223 59.6 32.0 96.2
 227 62.1 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

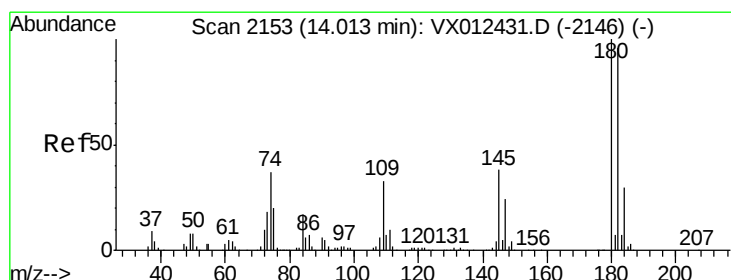
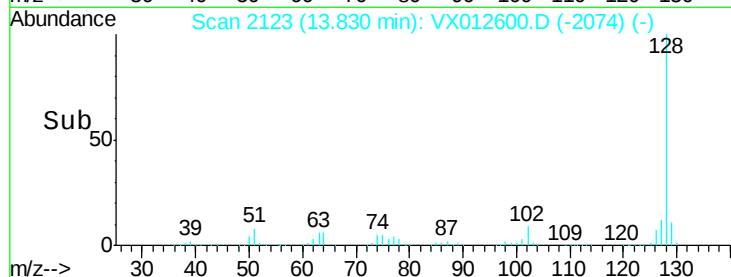
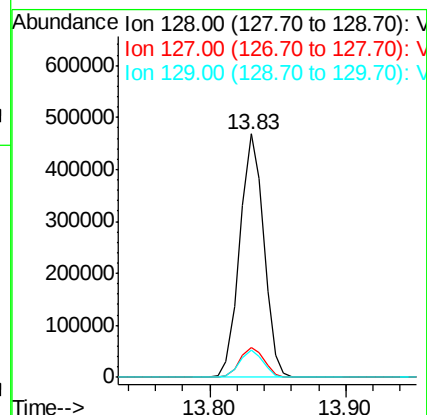
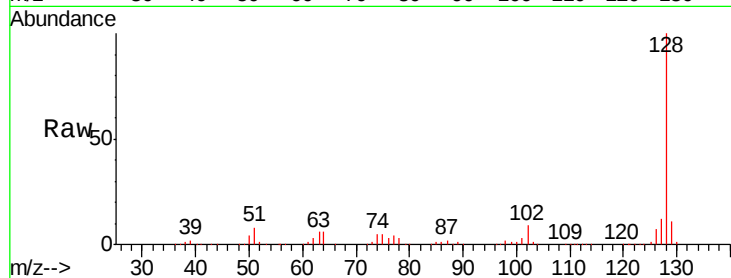




#95
Naphthalene
Concen: 52.804 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tgt Ion:128 Resp: 577011
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.662 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:180 Resp: 159326
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.3
145 37.5 18.0 54.0

