

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010981.D
 Acq On : 19 Jul 2019 00:18
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

Quant Time: Jul 19 03:37:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	40635	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	222144	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	201405	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	83146	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	11.13	95	98261	29.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.80%
63) Toluene-d8	8.71	98	268878	30.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	57942	21.568 ug/l	95
3) Chloromethane	1.32	50	49088	20.779 ug/l	98
4) Vinyl Chloride	1.41	62	49555	20.115 ug/l	96
5) Bromomethane	1.64	94	35220	25.971 ug/l	99
6) Chloroethane	1.73	64	29482	20.228 ug/l	94
7) Trichlorofluoromethane	1.93	101	82323	20.121 ug/l	98
8) Diethyl Ether	2.18	74	26964	20.069 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46103	20.388 ug/l	99
10) 1,1-Dichloroethene	2.37	96	44910	19.762 ug/l	97
11) Methyl Iodide	2.51	142	49323	16.162 ug/l	97
12) Methyl Acetate	2.78	43	64404	20.178 ug/l	97
13) Acrolein	2.29	56	37371	97.650 ug/l	99
14) Acrylonitrile	3.14	53	124076	99.323 ug/l	99
15) Acetone	2.44	58	34180	98.258 ug/l	97
16) Carbon Disulfide	2.57	76	123733	21.189 ug/l	99
17) Allyl chloride	2.73	41	64686	19.662 ug/l	98
18) Methylene Chloride	2.85	84	50653	20.017 ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	48574	20.233 ug/l	97
20) Diisopropyl ether	3.85	45	137573	19.808 ug/l	97
21) 1,1-Dichloroethane	3.70	63	80565	20.157 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	55127	19.966 ug/l	98
23) tert-Butyl Alcohol	3.04	59	65594	100.568 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	147325	20.195 ug/l	99
25) Chloroform	5.21	83	86684	19.801 ug/l	99
26) Cyclohexane	5.58	56	74170	20.279 ug/l	# 98
29) 1,1-Dichloropropene	5.80	75	63540	20.339 ug/l	99
30) 2-Butanone	4.67	43	168082	99.674 ug/l	99
31) 2,2-Dichloropropane	4.59	77	53137	19.486 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	76992	20.437 ug/l	99
33) Carbon Tetrachloride	5.79	117	66469	20.293 ug/l	99
34) Benzene	6.15	78	190315	20.309 ug/l	99
35) Methacrylonitrile	5.04	41	35658	20.312 ug/l	96
36) 1,2-Dichloroethane	6.20	62	69167	20.642 ug/l	98
37) Trichloroethene	7.21	130	55890	20.372 ug/l	98
38) Methylcyclohexane	7.46	83	80250	20.354 ug/l	99
39) 1,2-Dichloropropane	7.51	63	47054	20.088 ug/l	97
40) Dibromomethane	7.66	93	35401	20.549 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	62597	19.963	ug/l	97
42) Vinyl Acetate	3.81	43	554593	99.822	ug/l	100
43) Ethyl Acetate	4.84	43	64458	19.913	ug/l	98
44) Isopropyl Acetate	6.44	43	103835	19.694	ug/l	99
45) 1,4-Dioxane	7.74	88	27953	407.339	ug/l	98
46) Methyl methacrylate	7.77	41	50736	19.826	ug/l	99
47) n-amyl Acetate	10.90	43	92684	19.601	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	64400	19.487	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	72059	19.981	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	51247	20.325	ug/l	97
51) Ethyl methacrylate	9.18	69	76111	19.519	ug/l	97
52) 1,3-Dichloropropane	9.37	76	80004	19.746	ug/l	98
53) Dibromochloromethane	9.58	129	52376	19.235	ug/l	98
54) 1,2-Dibromoethane	9.67	107	55860	20.387	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	159844	96.799	ug/l	99
56) Bromoform	10.85	173	37652	18.566	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	338178	99.424	ug/l	99
59) 2-Hexanone	9.49	43	260795	100.199	ug/l	99
61) Tetrachloroethene	9.34	164	56118	21.103	ug/l	96
62) Toluene	8.78	91	216383	20.224	ug/l	99
64) Chlorobenzene	10.13	112	136932	19.975	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.22	131	50150	20.129	ug/l	98
66) Ethyl Benzene	10.25	91	240988	20.008	ug/l	99
67) m/p-Xylenes	10.36	106	186618	40.496	ug/l	96
68) o-Xylene	10.69	106	90371	20.014	ug/l	98
69) Styrene	10.71	104	150667	19.851	ug/l	99
70) Isopropylbenzene	11.02	105	244369	20.323	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	77746	20.053	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	83719	25.870	ug/l	84
73) Bromobenzene	11.26	156	66191	20.403	ug/l	99
74) n-propylbenzene	11.36	91	271563	20.067	ug/l	99
75) 2-Chlorotoluene	11.42	91	162041	20.105	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	204857	20.128	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	19154	17.939	ug/l	99
78) 4-Chlorotoluene	11.51	91	187726	20.281	ug/l	99
79) tert-butylbenzene	11.77	119	201024	20.363	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	206442	20.143	ug/l	99
81) sec-Butylbenzene	11.94	105	237727	20.429	ug/l	100
82) p-Isopropyltoluene	12.06	119	218257	20.212	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	115238	20.121	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	116142	20.403	ug/l	100
85) n-Butylbenzene	12.38	91	183172	19.921	ug/l	98
86) Hexachloroethane	12.59	117	32163	18.886	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	114035	20.337	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17297	20.265	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	80224	20.742	ug/l	98
90) Hexachlorobutadiene	13.78	225	36912	19.739	ug/l	97
91) Naphthalene	13.83	128	246347	20.875	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	81611	21.053	ug/l	98

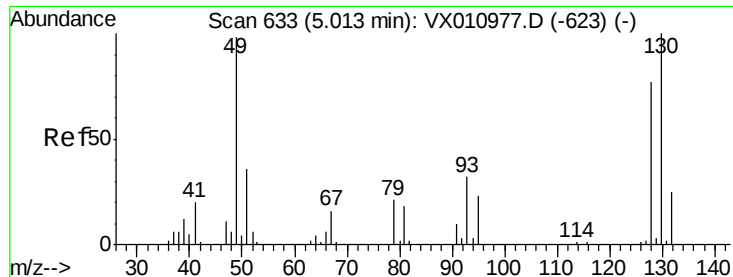
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

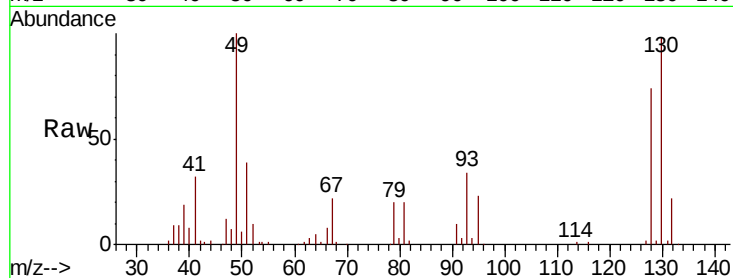
Tot Ion:128 Resp: 40635

Ion Ratio Lower Upper

128 100

49 133.8 0.0 343.5

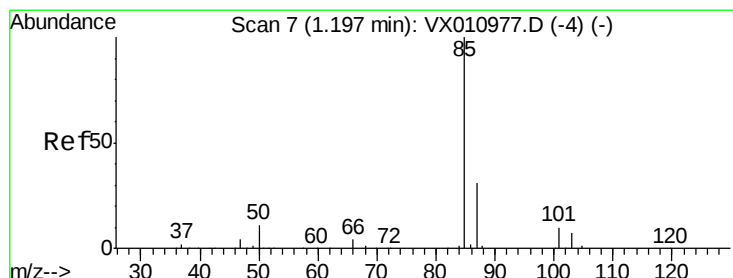
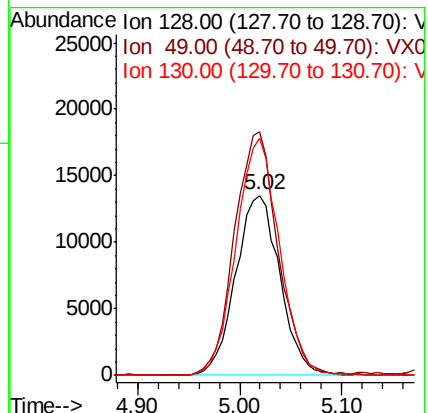
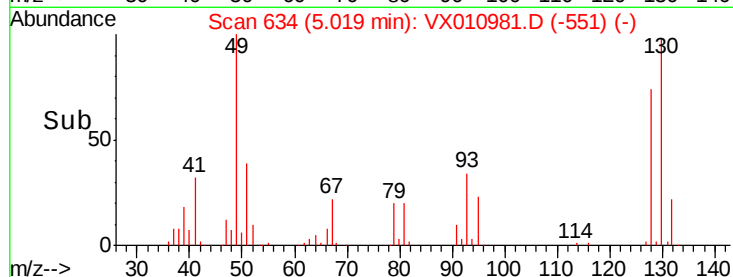
130 129.5 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.568 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010981.D

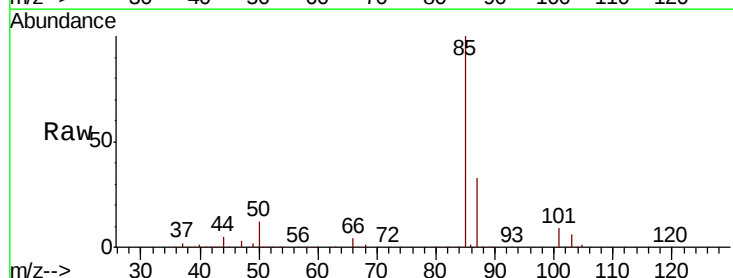
Acq: 19 Jul 2019 00:18

Tgt Ion: 85 Resp: 57942

Ion Ratio Lower Upper

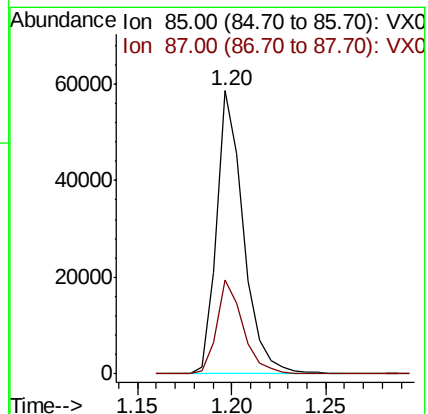
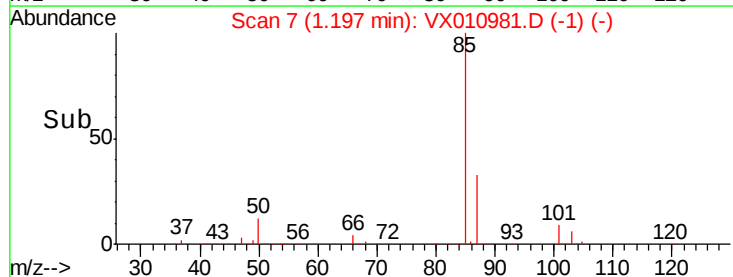
85 100

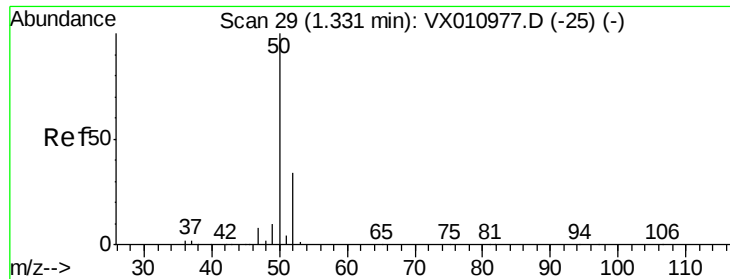
87 33.2 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.779 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

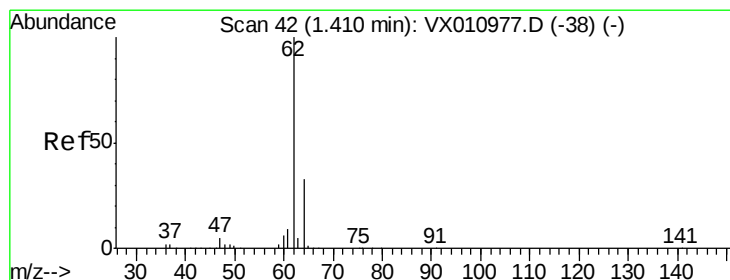
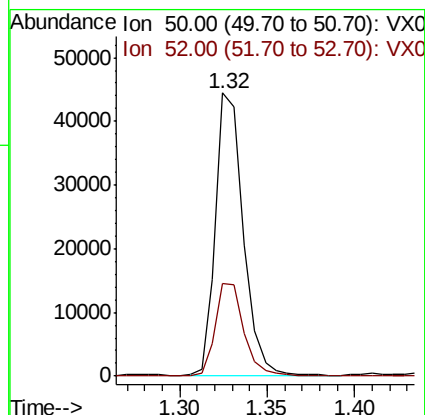
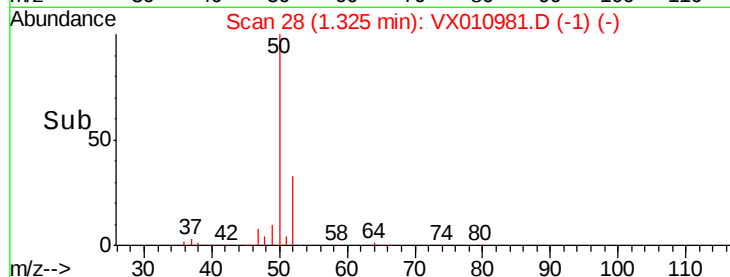
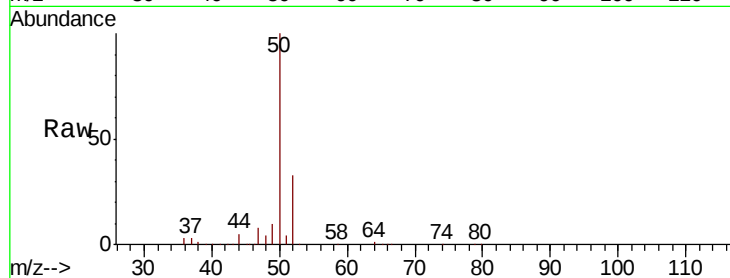
ICVVN071919

Tot Ion: 50 Resp: 49088

Ion Ratio Lower Upper

50 100

52 32.7 27.3 40.9



#4

Vinyl Chloride

Concen: 20.115 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010981.D

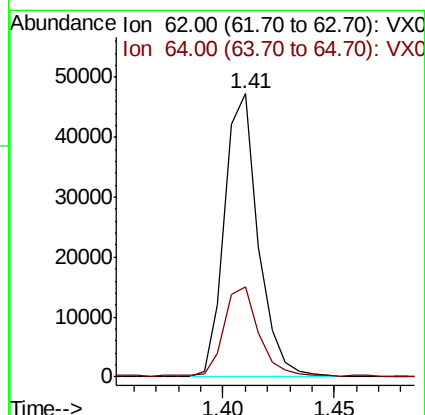
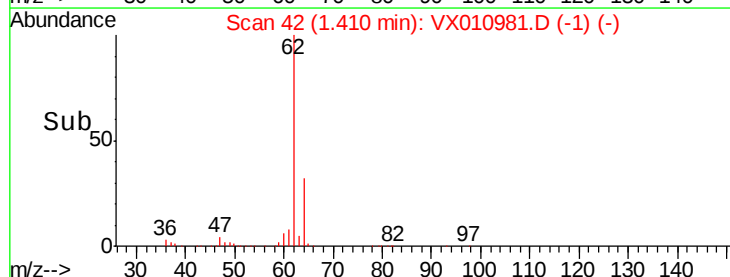
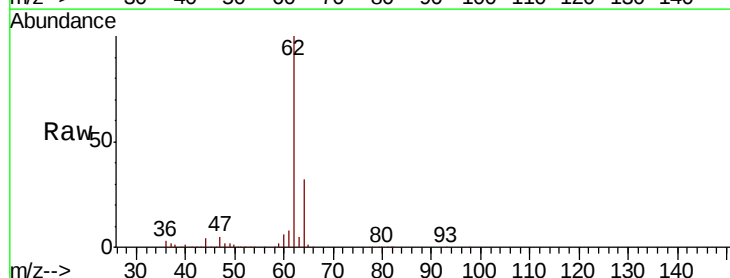
Acq: 19 Jul 2019 00:18

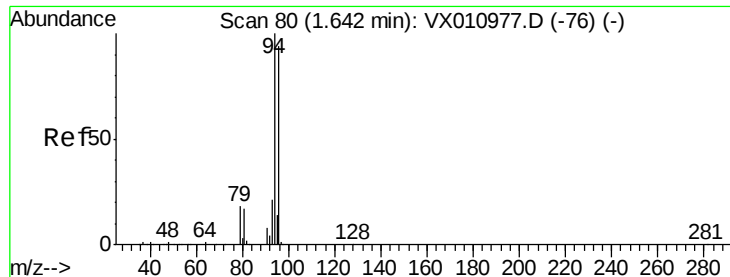
Tgt Ion: 62 Resp: 49555

Ion Ratio Lower Upper

62 100

64 31.3 26.8 40.2





#5

Bromomethane

Concen: 25.971 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

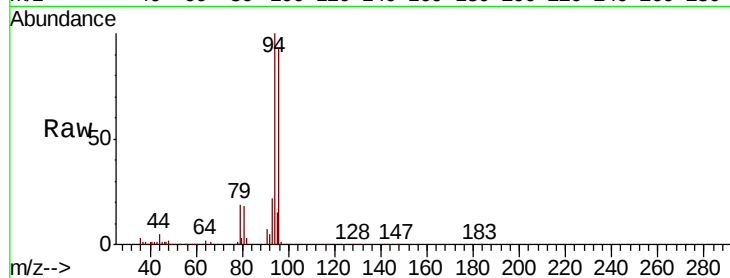
ICVVN071919

Tot Ion: 94 Resp: 35220

Ion Ratio Lower Upper

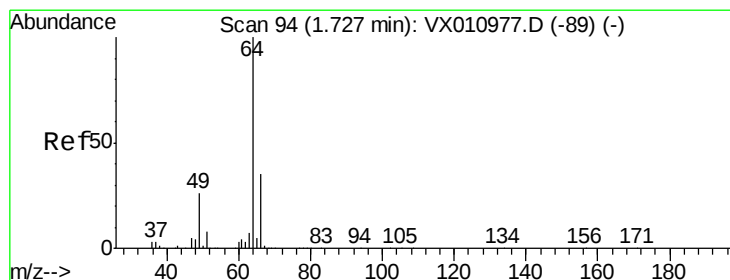
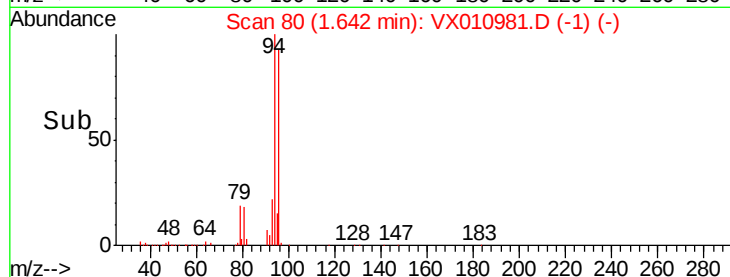
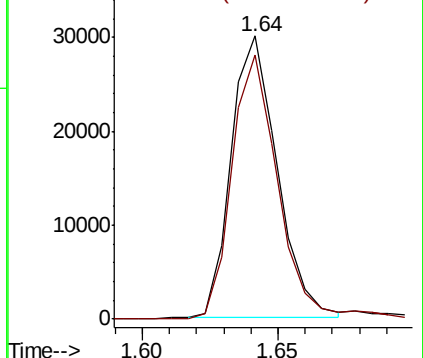
94 100

96 93.6 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.228 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX010981.D

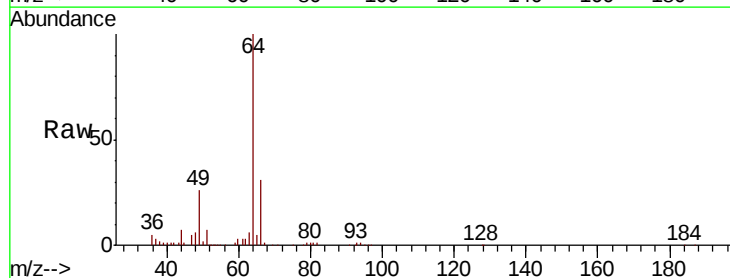
Acq: 19 Jul 2019 00:18

Tgt Ion: 64 Resp: 29482

Ion Ratio Lower Upper

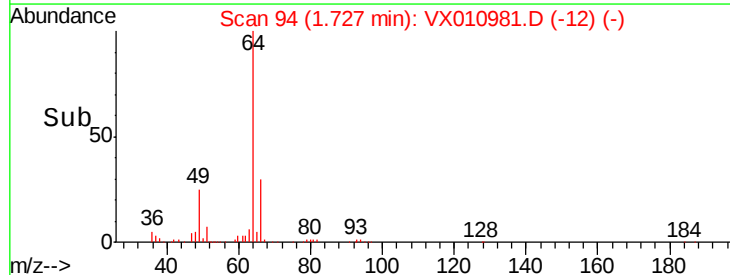
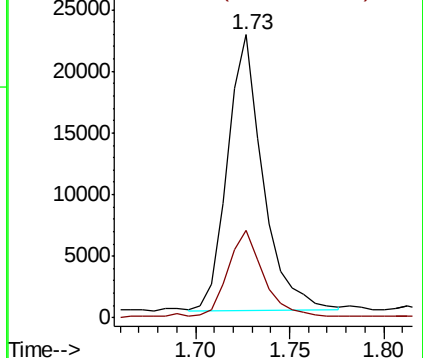
64 100

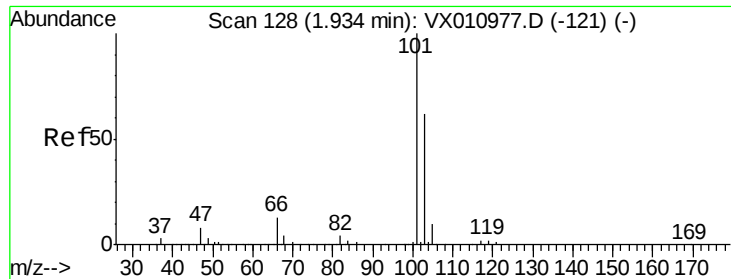
66 31.5 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



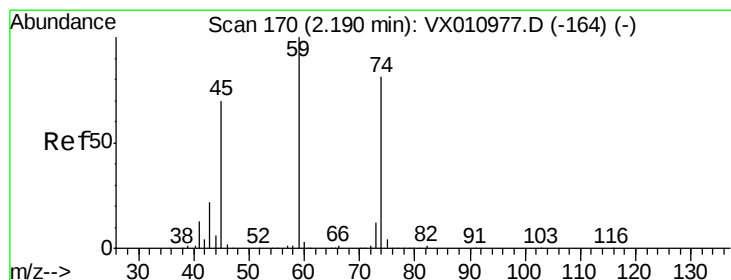
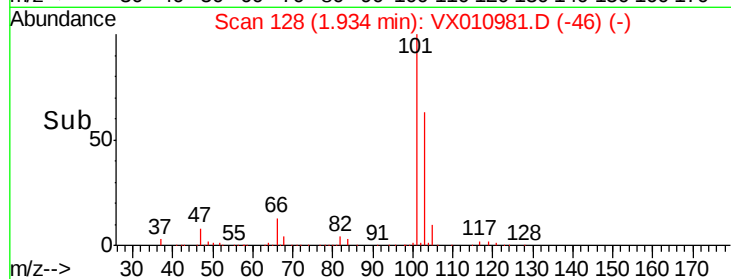
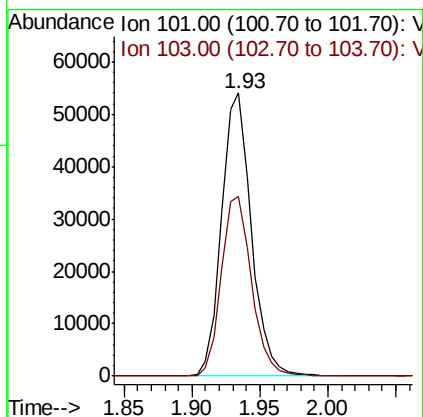
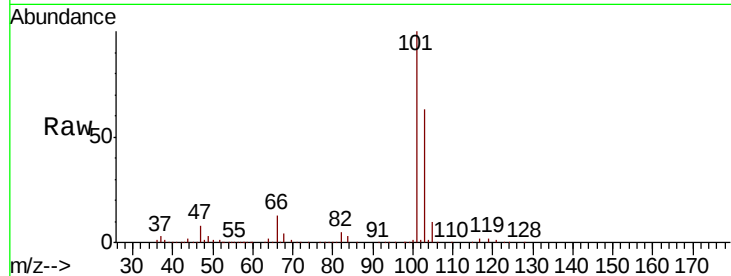


#7

Trichlorofluoromethane
Concen: 20.121 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Instrument :
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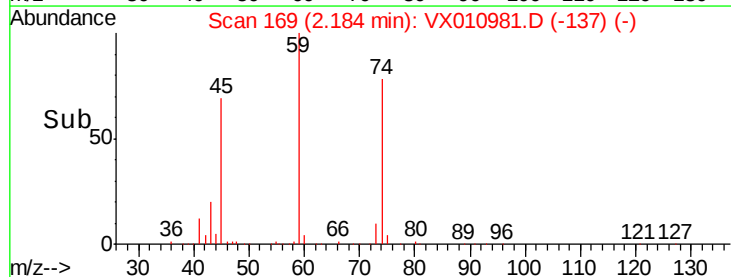
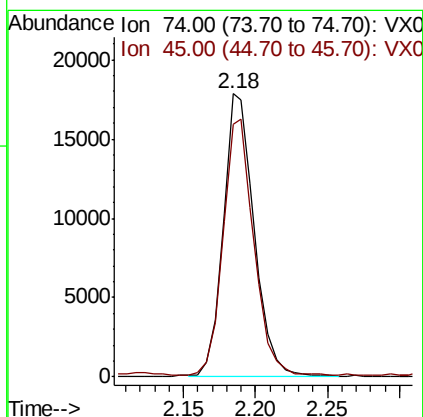
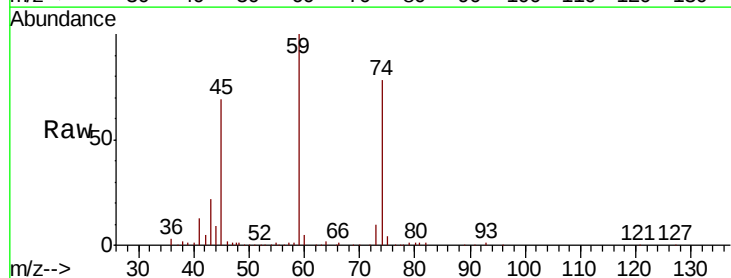
Tot Ion:101 Resp: 82323
Ion Ratio Lower Upper
101 100
103 63.3 49.6 74.4

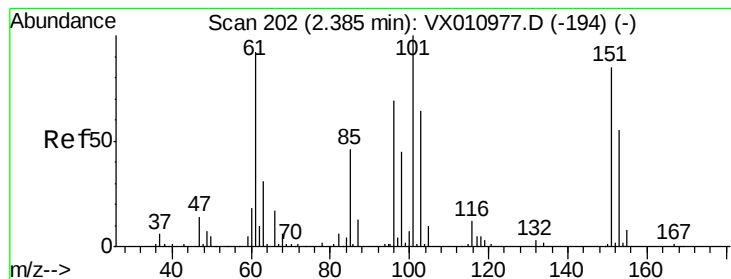


#8

Diethyl Ether
Concen: 20.069 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 74 Resp: 26964
Ion Ratio Lower Upper
74 100
45 90.1 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.388 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

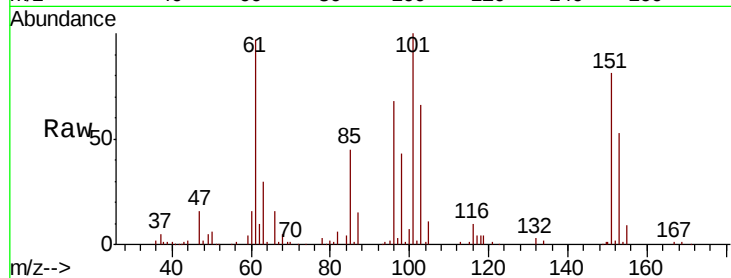
Tot Ion:101 Resp: 46103

Ion Ratio Lower Upper

101 100

85 44.6 0.0 89.8

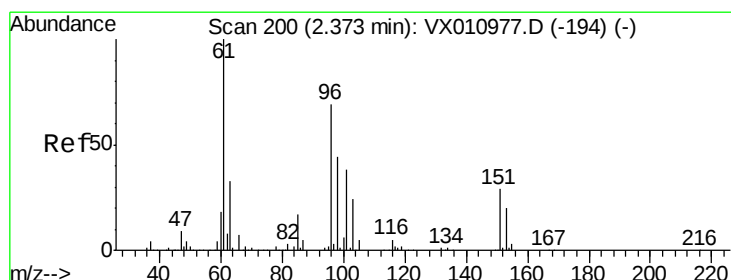
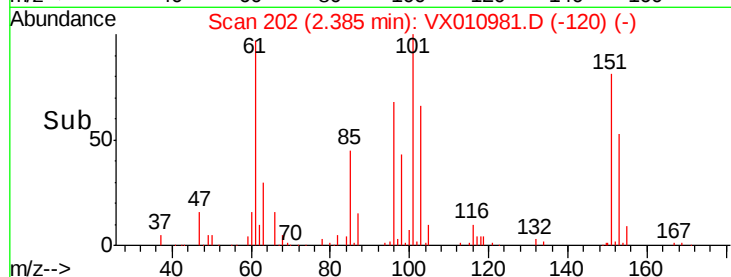
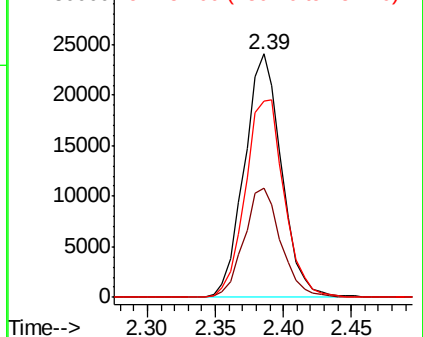
151 84.9 0.0 172.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.762 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

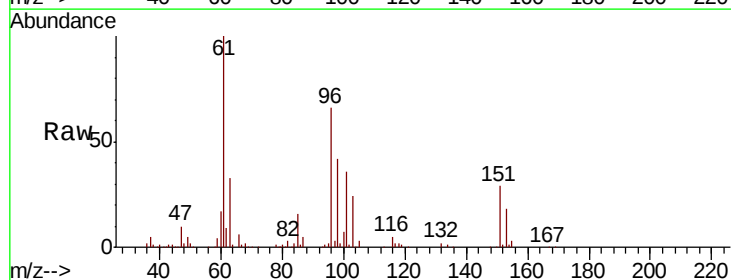
Tgt Ion: 96 Resp: 44910

Ion Ratio Lower Upper

96 100

61 151.1 115.9 173.9

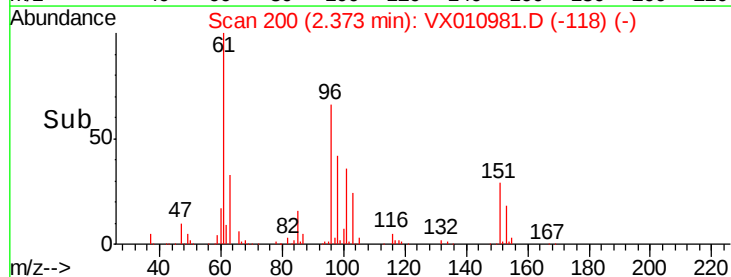
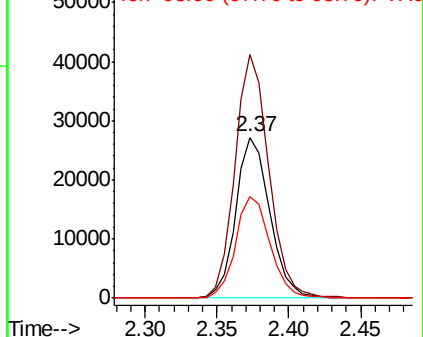
98 63.3 50.6 75.8

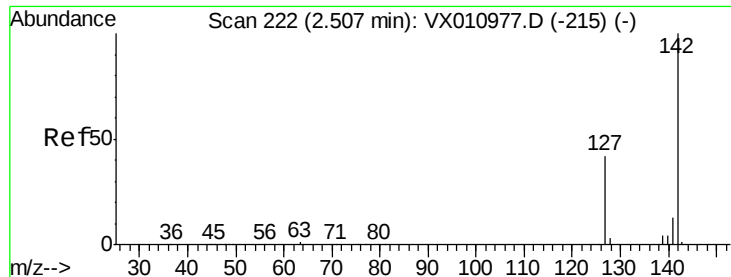


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

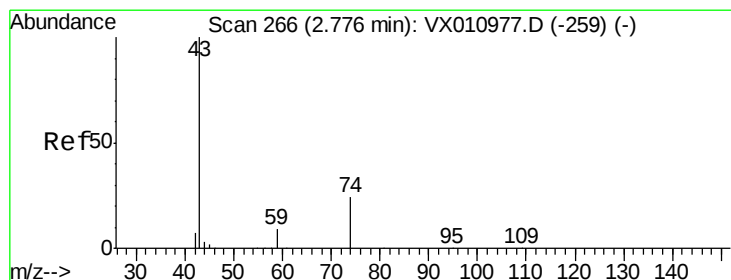
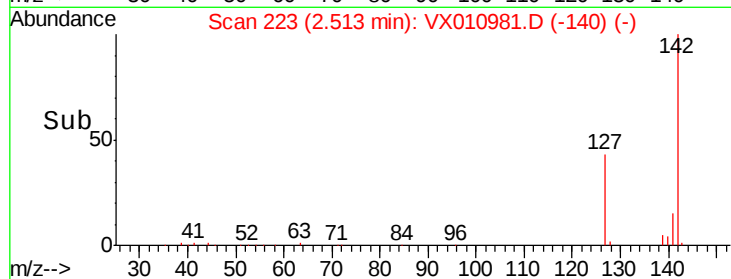
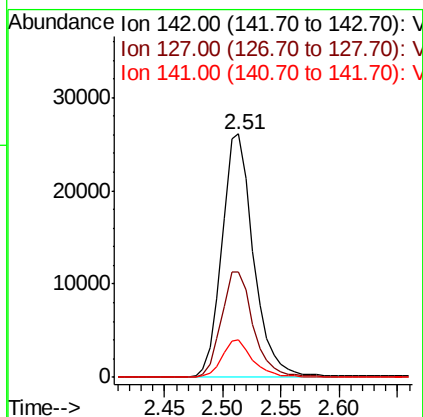
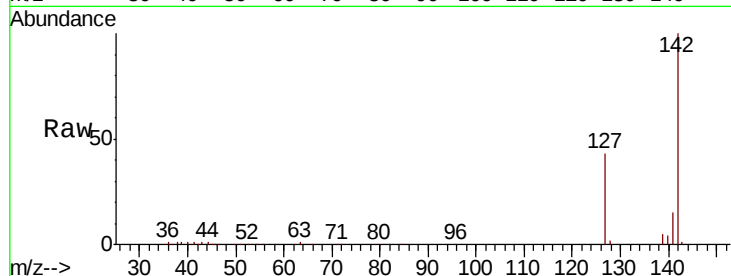




#11
Methvl Iodide
Concen: 16.162 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

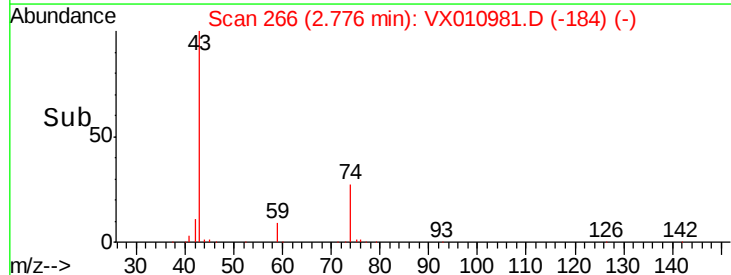
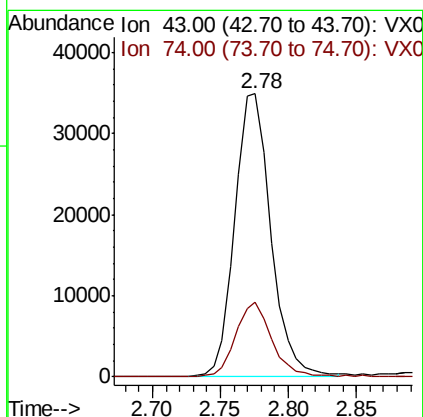
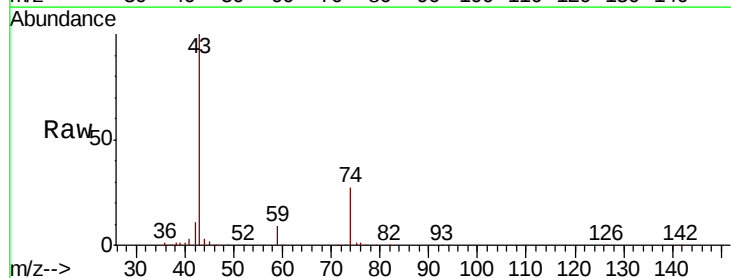
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

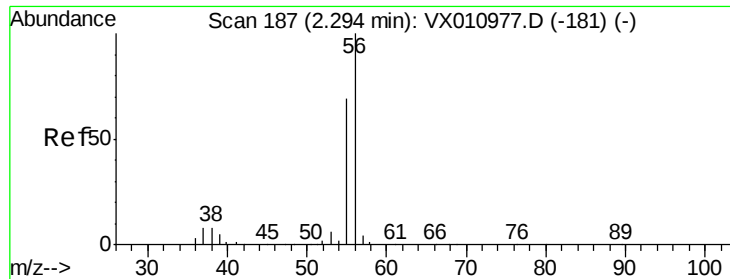
Tot Ion:142 Resp: 49323
Ion Ratio Lower Upper
142 100
127 43.4 20.7 62.1
141 15.1 6.7 20.0



#12
Methyl Acetate
Concen: 20.178 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 43 Resp: 64404
Ion Ratio Lower Upper
43 100
74 26.4 19.8 29.6





#13

Acrolein

Concen: 97.650 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

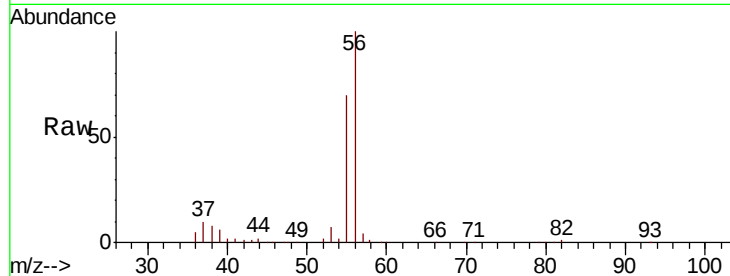
ICVVN071919

Tot Ion: 56 Resp: 37371

Ion Ratio Lower Upper

56 100

55 69.6 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

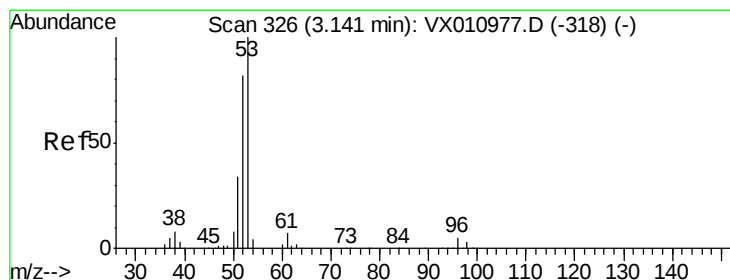
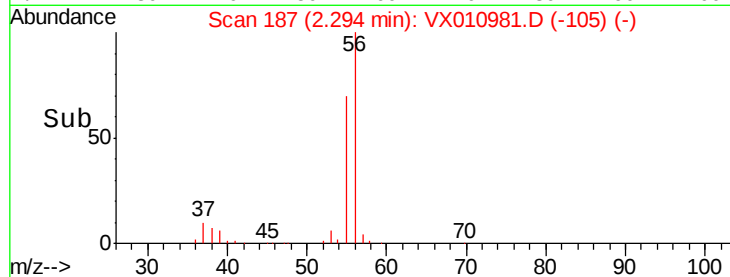
10000

5000

0

Time-->

2.25 2.30 2.35



#14

Acrylonitrile

Concen: 99.323 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

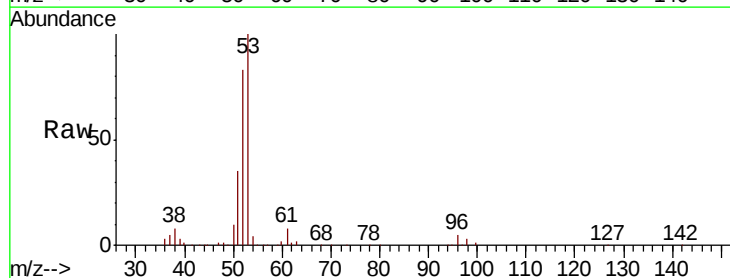
Tgt Ion: 53 Resp: 124076

Ion Ratio Lower Upper

53 100

52 83.3 41.1 123.4

51 36.3 17.8 53.3



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

80000

60000

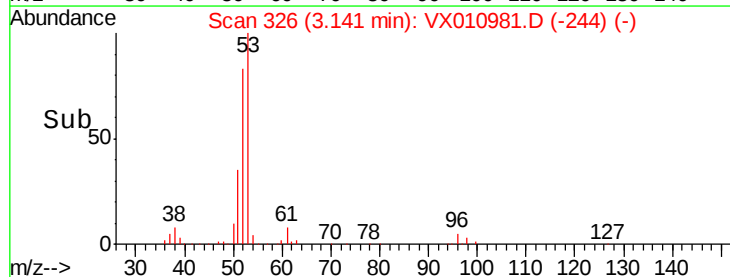
40000

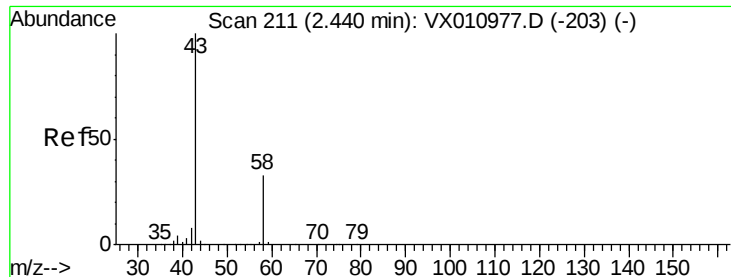
20000

0

Time-->

3.10 3.20 3.30





#15

Acetone

Concen: 98.258 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

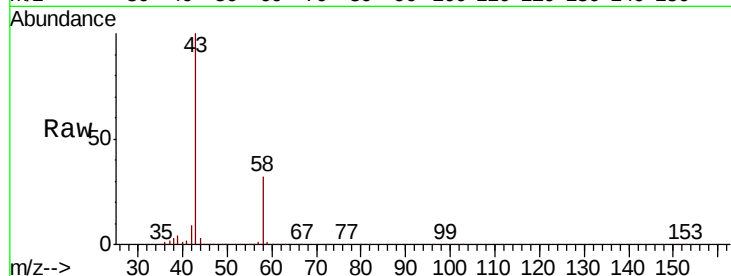
ICVVN071919

Tot Ion: 58 Resp: 34180

Ion Ratio Lower Upper

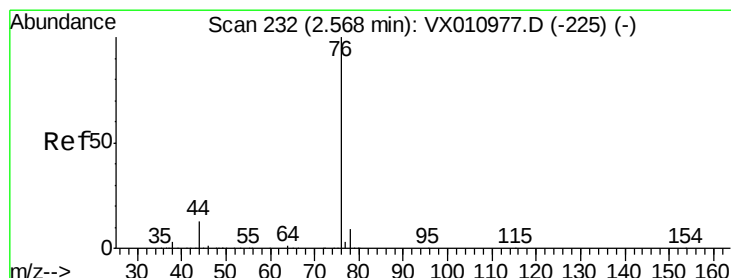
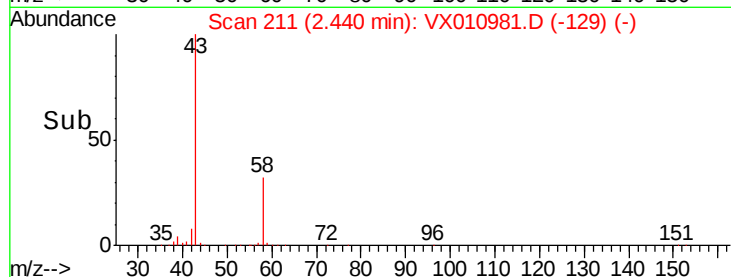
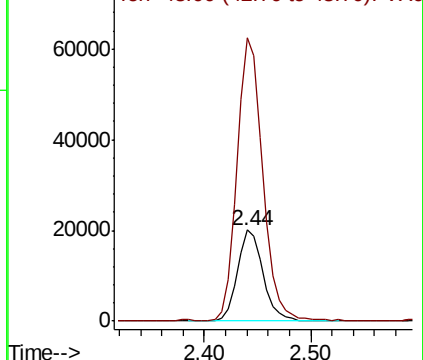
58 100

43 309.8 243.8 365.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 21.189 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010981.D

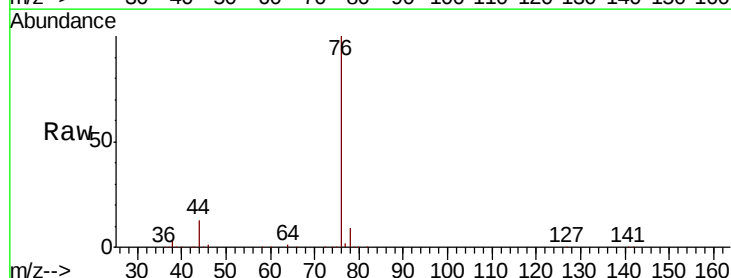
Acq: 19 Jul 2019 00:18

Tgt Ion: 76 Resp: 123733

Ion Ratio Lower Upper

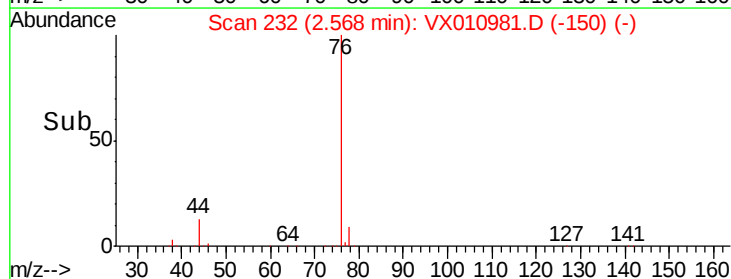
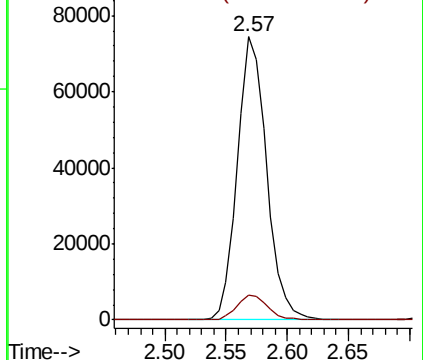
76 100

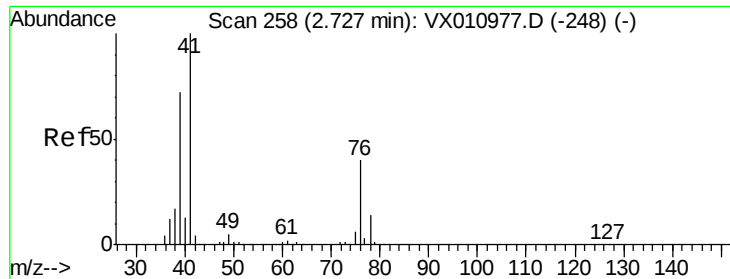
78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

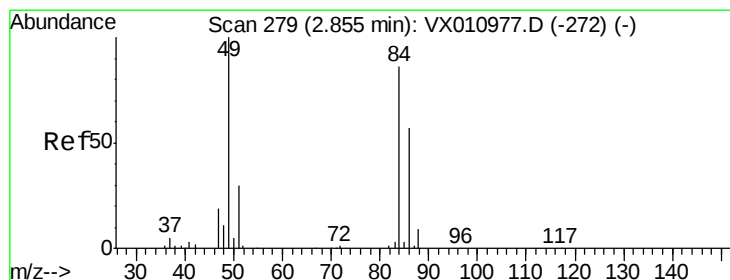
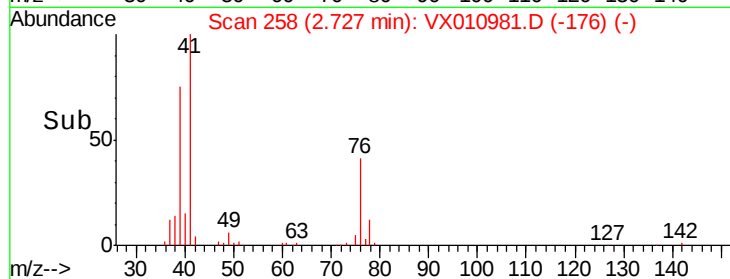
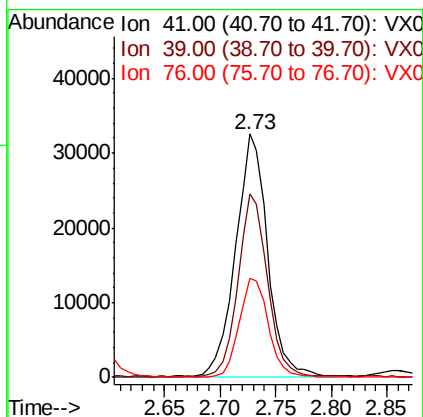
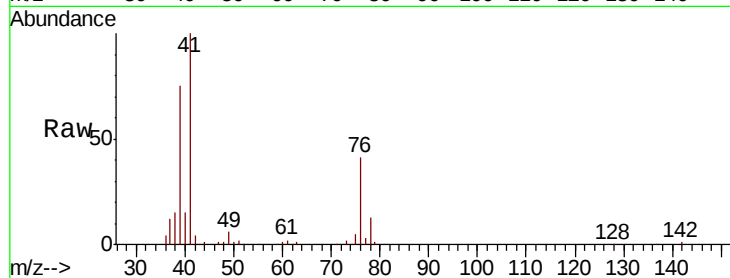




#17
Allvl chloride
Concen: 19.662 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

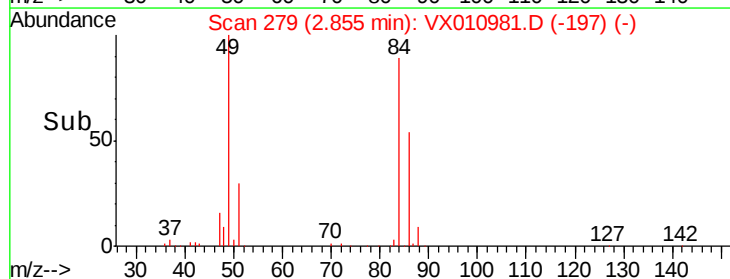
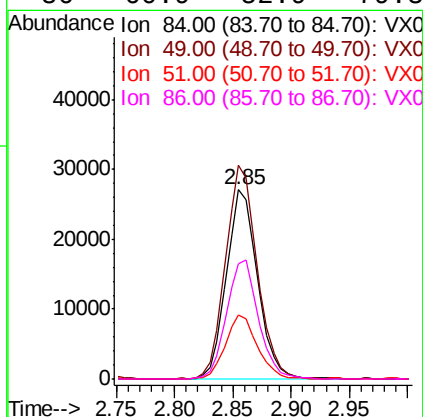
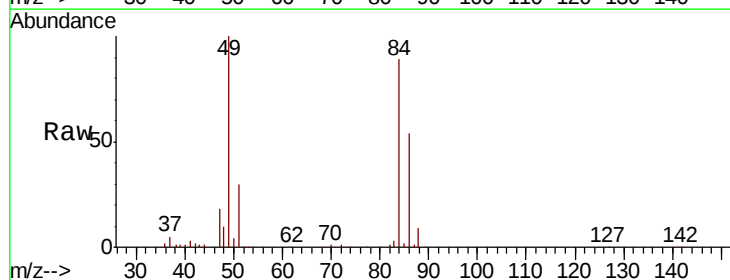
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

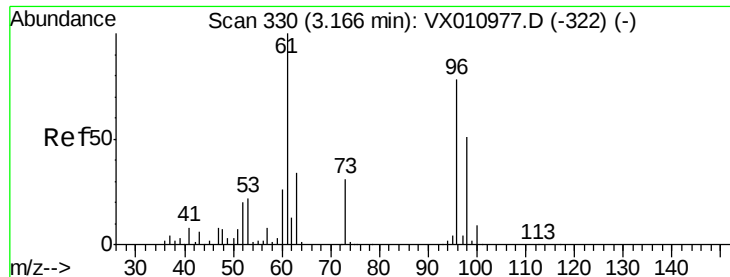
Tot Ion: 41 Resp: 64686
Ion Ratio Lower Upper
41 100
39 74.9 36.1 108.3
76 40.7 20.2 60.5



#18
Methylene Chloride
Concen: 20.017 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 84 Resp: 50653
Ion Ratio Lower Upper
84 100
49 112.6 93.2 139.8
51 33.4 28.6 42.8
86 60.9 52.9 79.3

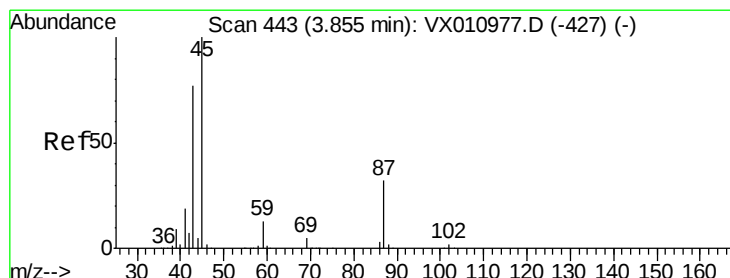
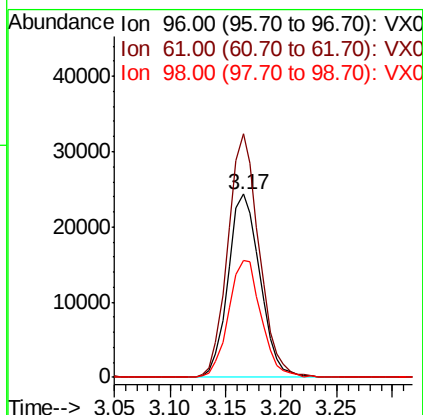
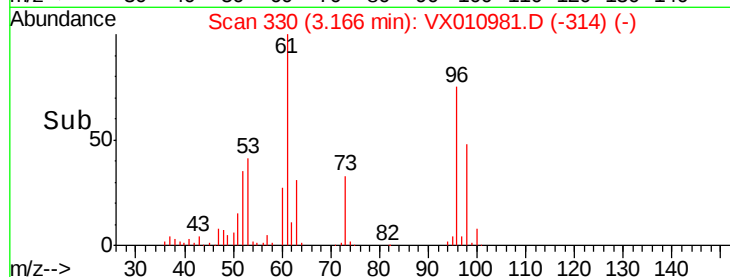
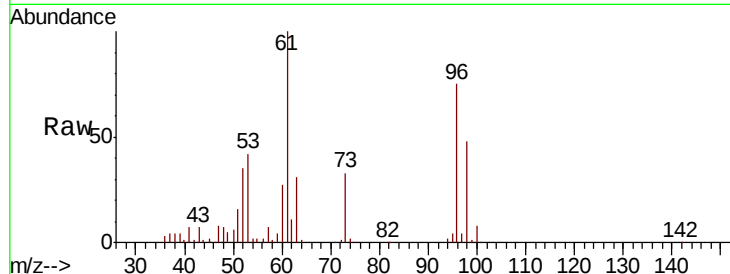




#19
trans-1,2-Dichloroethene
Concen: 20.233 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

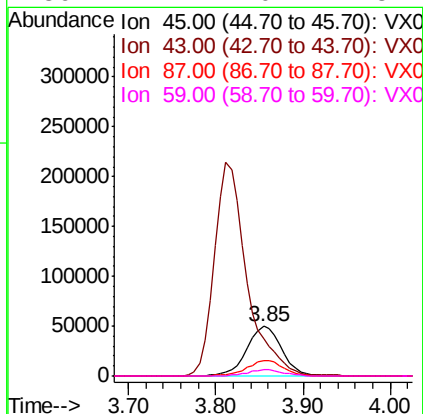
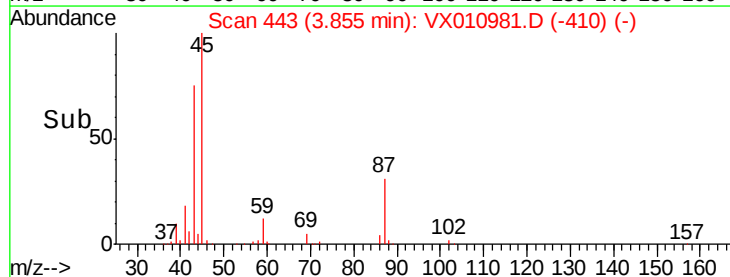
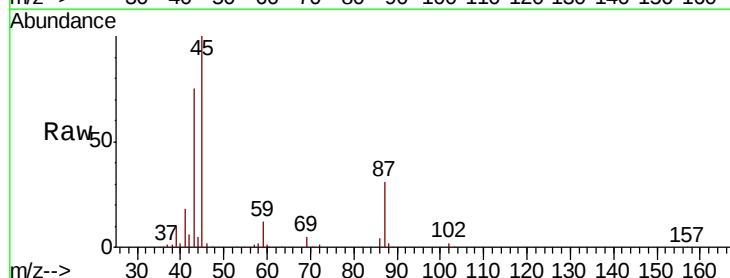
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

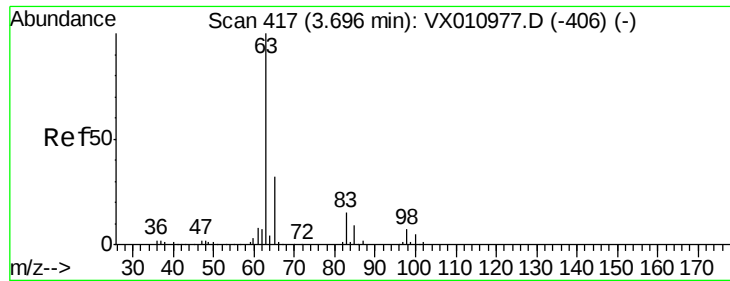
Tot Ion: 96 Resp: 48574
Ion Ratio Lower Upper
96 100
61 132.7 102.2 153.4
98 64.1 52.2 78.2



#20
Diisopropyl ether
Concen: 19.808 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 45 Resp: 137573
Ion Ratio Lower Upper
45 100
43 73.7 61.5 92.3
87 31.3 25.4 38.2
59 12.1 10.2 15.2





#21

1,1-Dichloroethane

Concen: 20.157 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

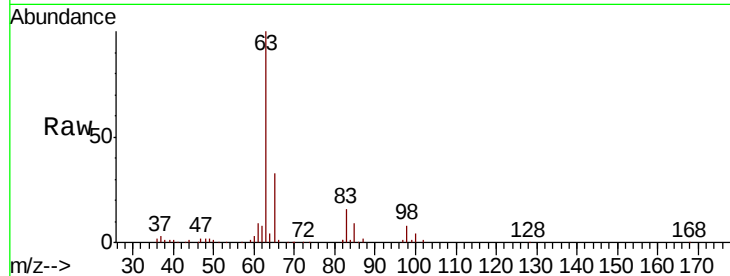
Tot Ion: 63 Resp: 80565

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

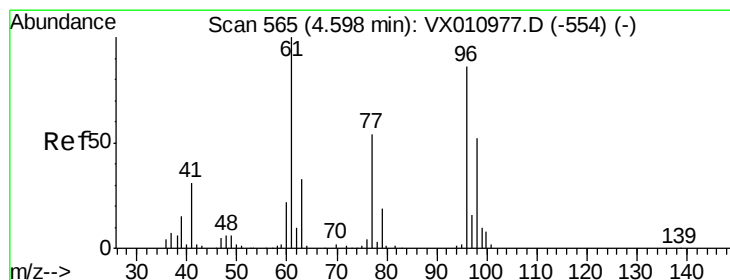
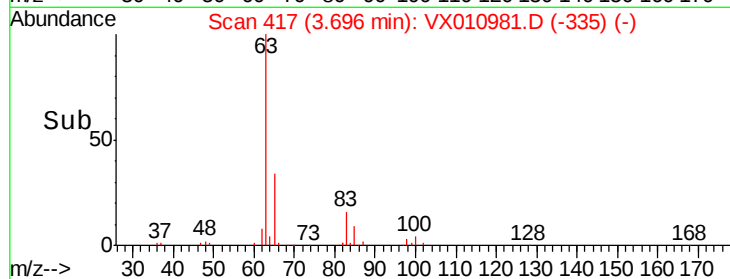
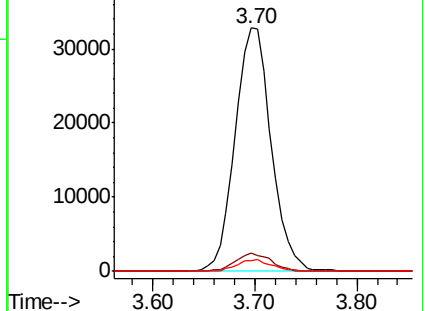
100 4.5 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.966 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

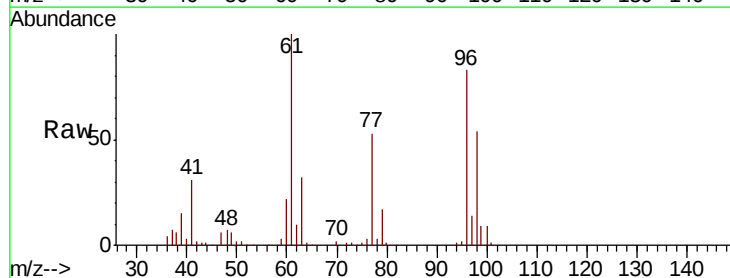
Tgt Ion: 96 Resp: 55127

Ion Ratio Lower Upper

96 100

61 131.4 102.9 154.3

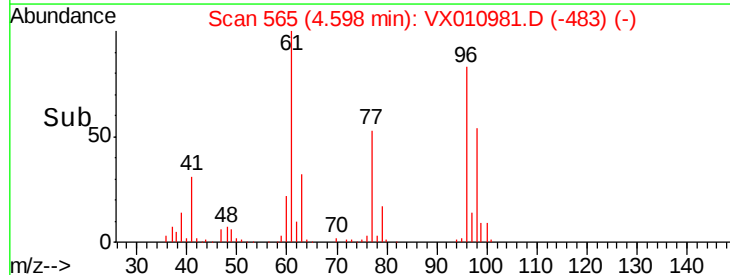
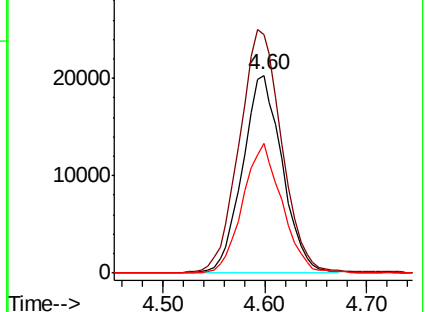
98 64.4 50.9 76.3

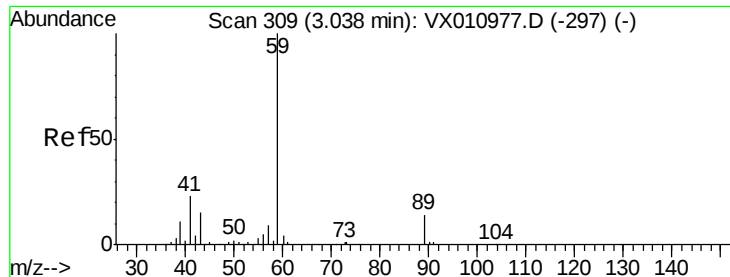


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



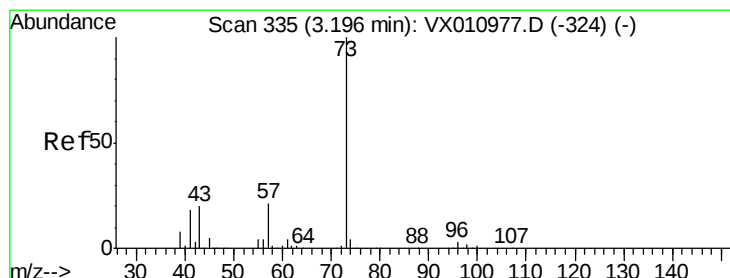
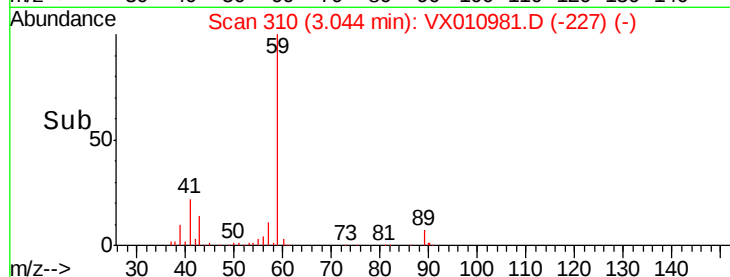
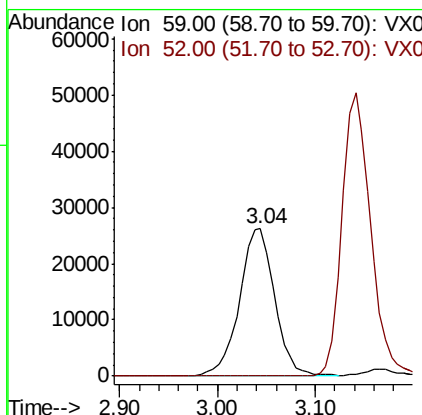
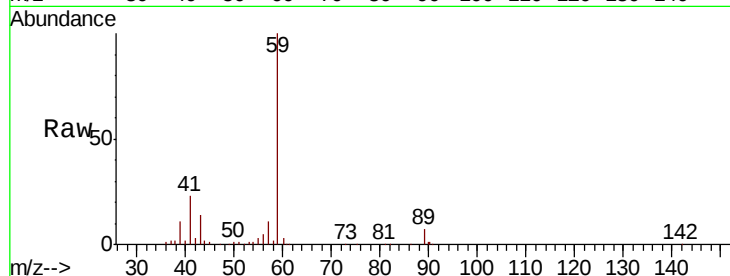


#23

tert-Butyl Alcohol
 Concen: 100.568 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

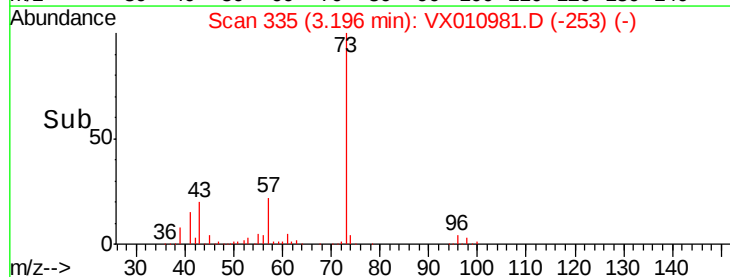
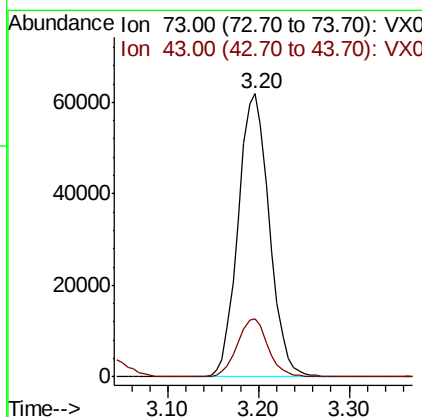
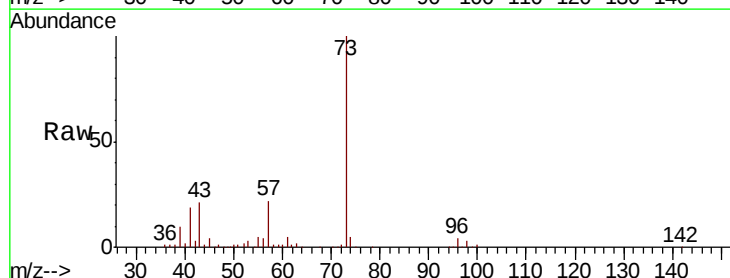
Tot Ion: 59 Resp: 65594
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#

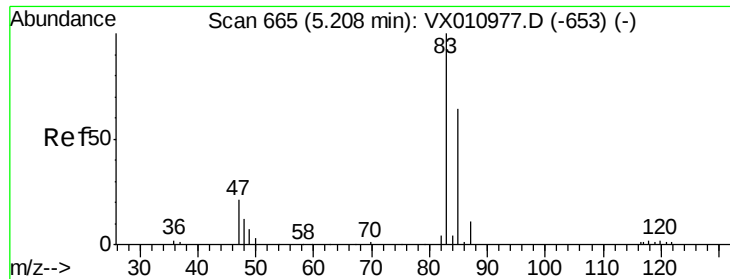


#24

Methyl tert-Butyl Ether
 Concen: 20.195 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion: 73 Resp: 147325
 Ion Ratio Lower Upper
 73 100
 43 20.0 15.8 23.6

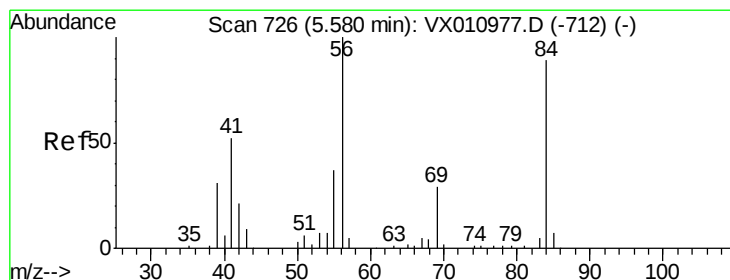
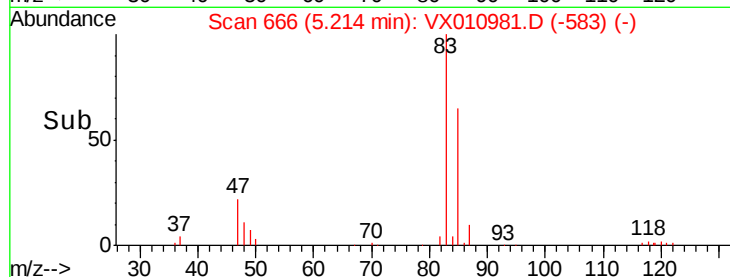
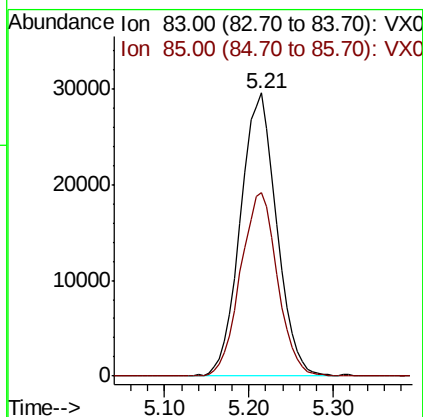
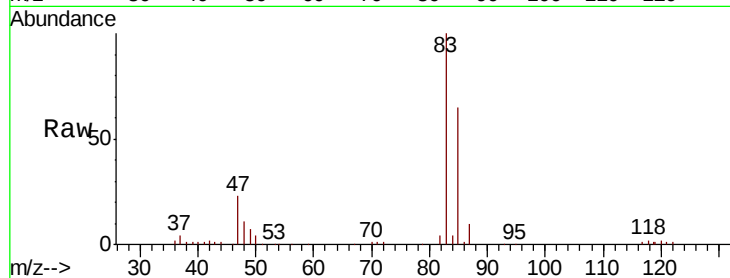




#25
Chloroform
Concen: 19.801 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

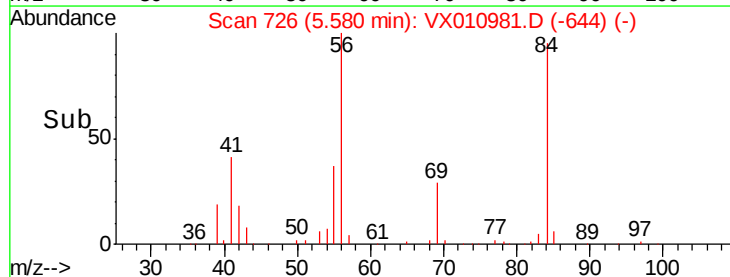
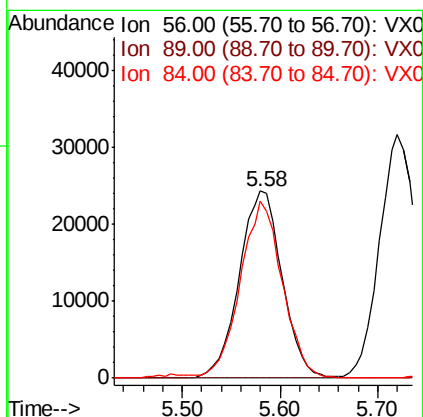
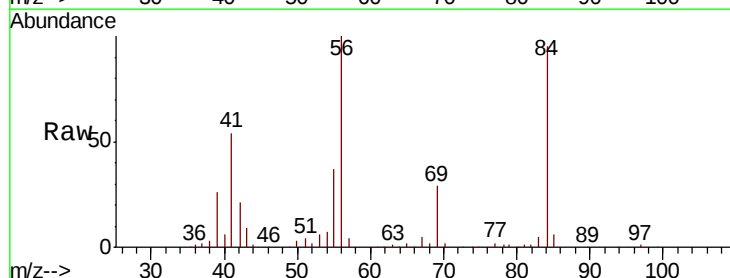
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

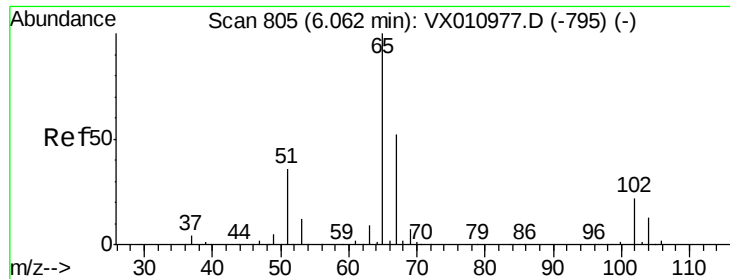
Tot Ion: 83 Resp: 86684
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3



#26
Cyclohexane
Concen: 20.279 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 56 Resp: 74170
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.7 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 30.182 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

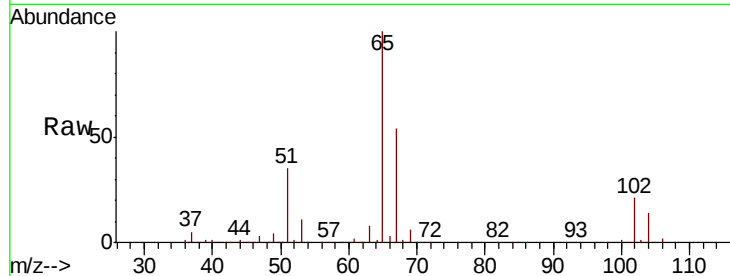
ICVVN071919

Tot Ion: 65 Resp: 83146

Ion Ratio Lower Upper

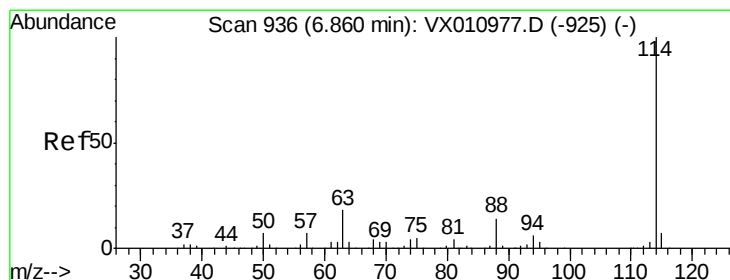
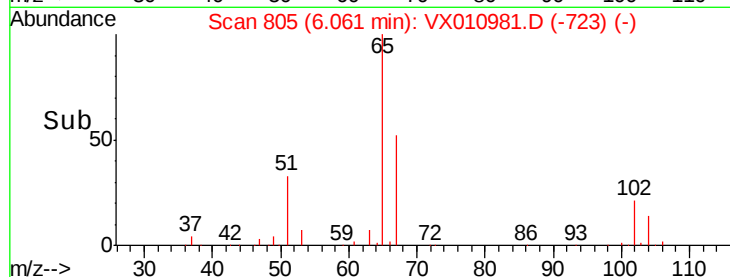
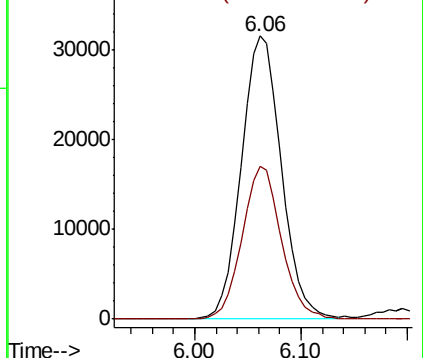
65 100

67 52.8 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

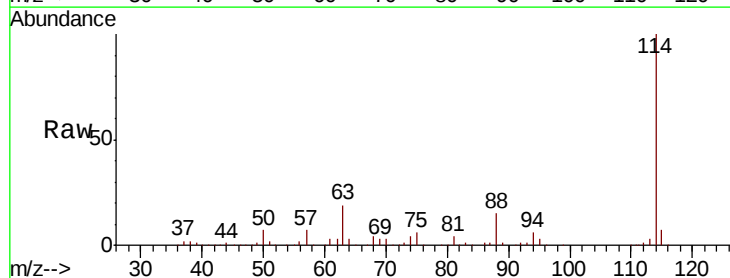
Tgt Ion: 114 Resp: 222144

Ion Ratio Lower Upper

114 100

63 19.0 14.6 22.0

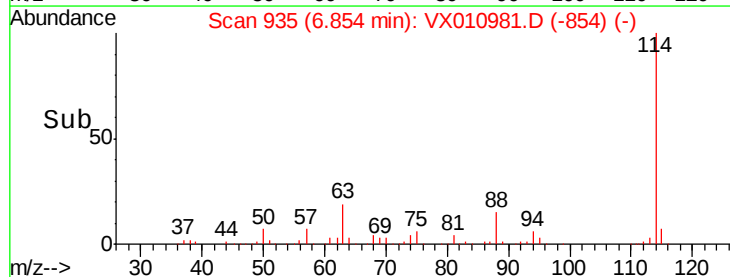
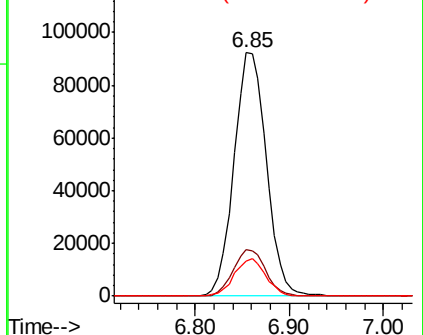
88 15.1 11.8 17.8

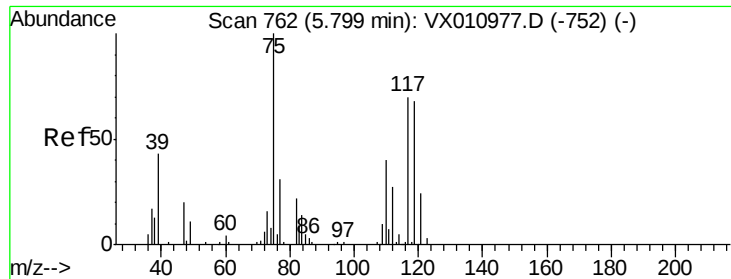


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

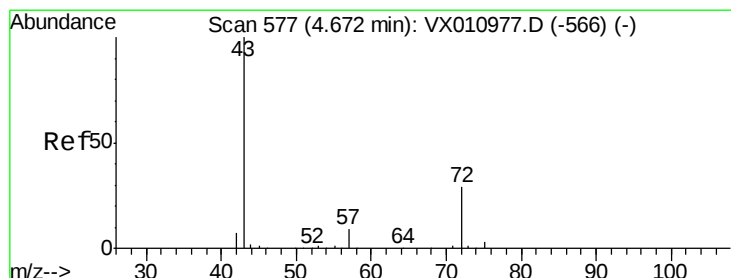
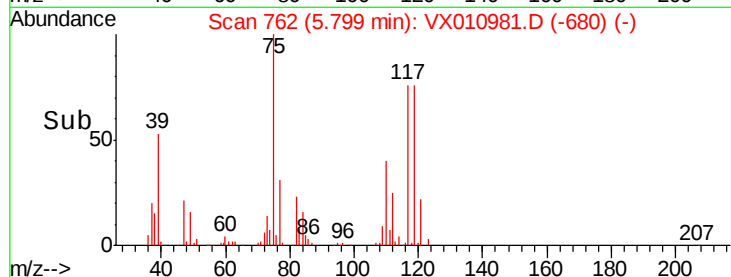
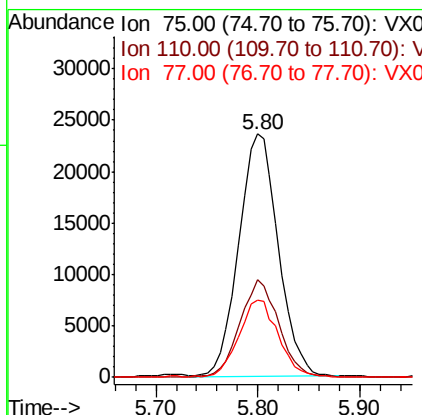
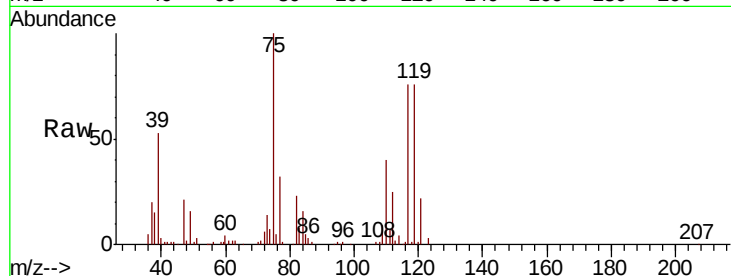




#29
 1,1-Dichloropropene
 Concen: 20.339 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

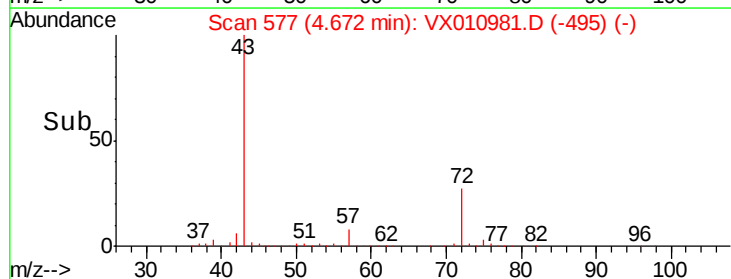
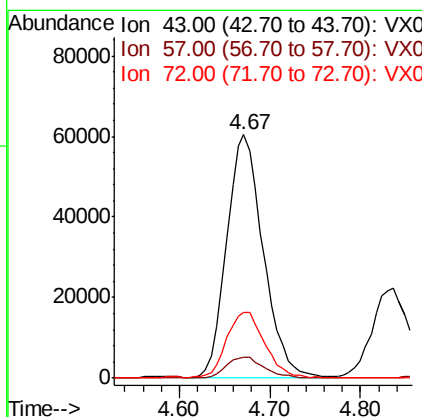
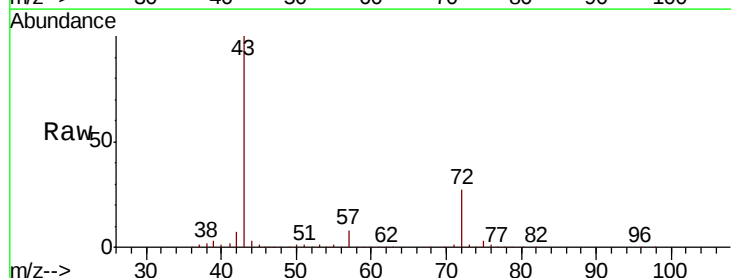
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

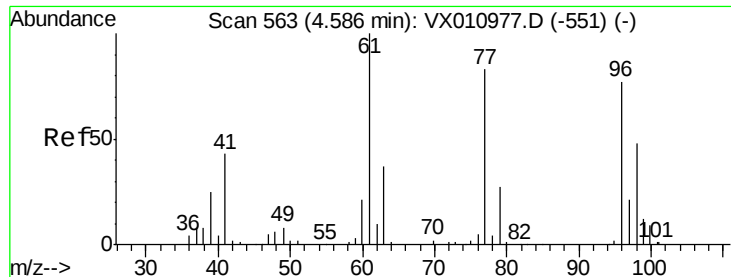
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.3	0.0	79.8
77	31.8	0.0	62.2



#30
 2-Butanone
 Concen: 99.674 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.1	6.8	10.2
72	28.6	23.2	34.8





#31

2,2-Dichloropropane

Concen: 19.486 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

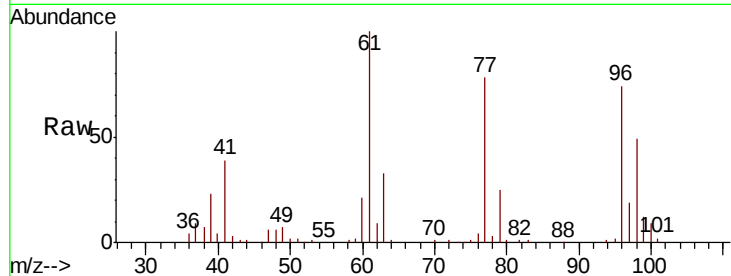
ICVFN071919

Tot Ion: 77 Resp: 53137

Ion Ratio Lower Upper

77 100

97 25.6 20.9 31.3



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

20000

15000

10000

5000

0

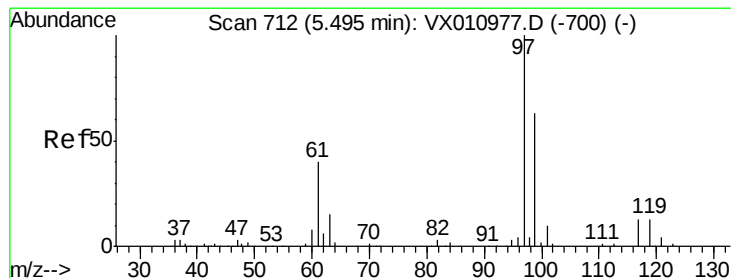
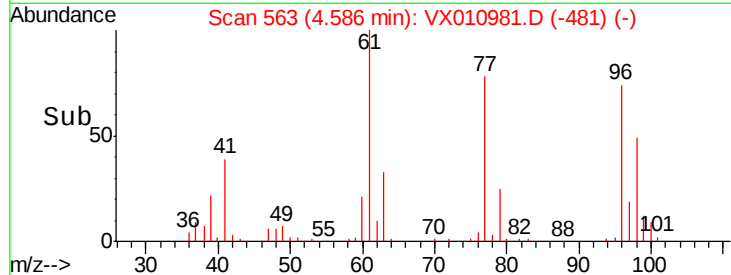
4.59

4.50

4.60

4.70

Time-->



#32

1,1,1-Trichloroethane

Concen: 20.437 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

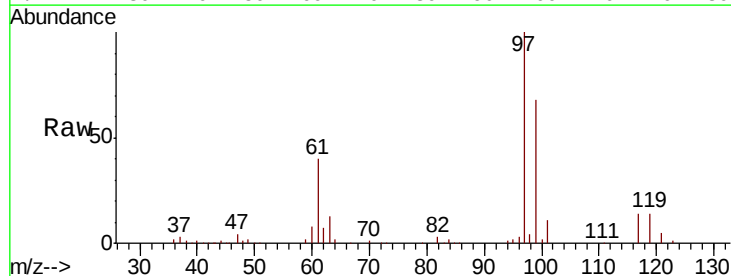
Tgt Ion: 97 Resp: 76992

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 41.8 34.3 51.5



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

25000

20000

15000

10000

5000

0

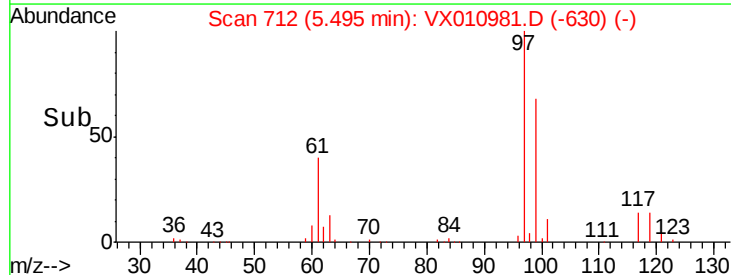
5.49

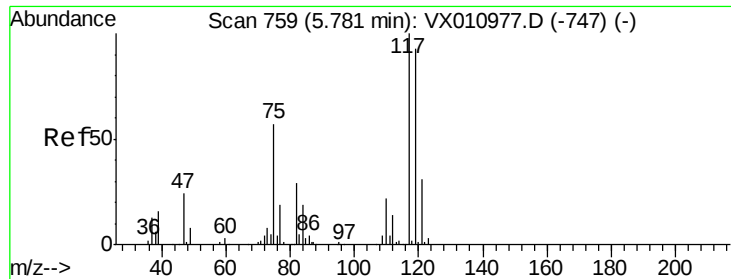
5.40

5.50

5.60

Time-->

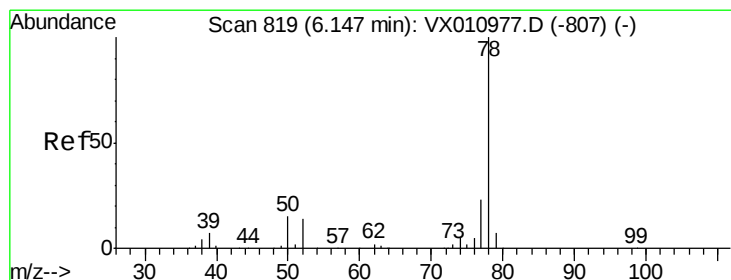
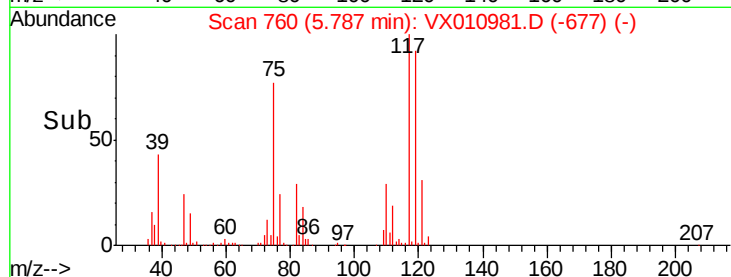
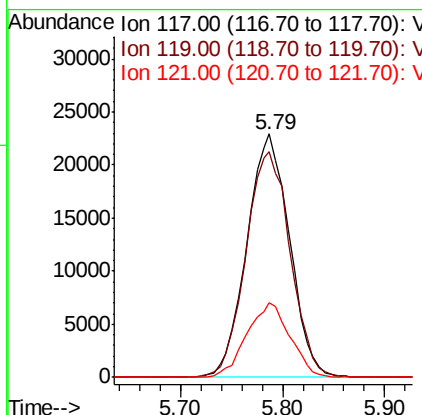
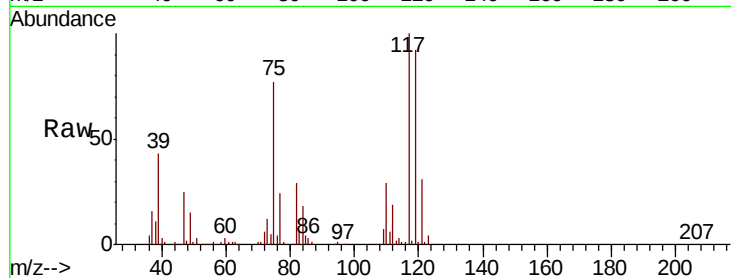




#33
Carbon Tetrachloride
Concen: 20.293 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

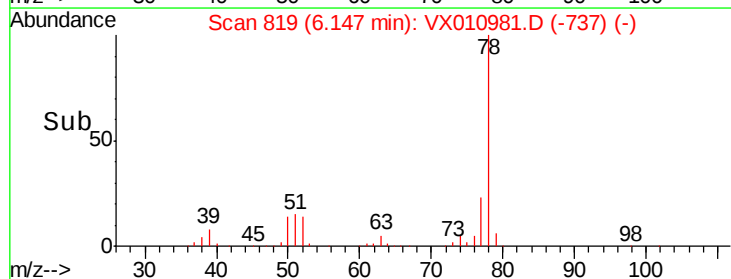
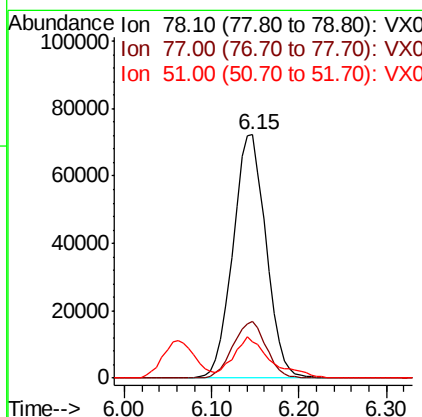
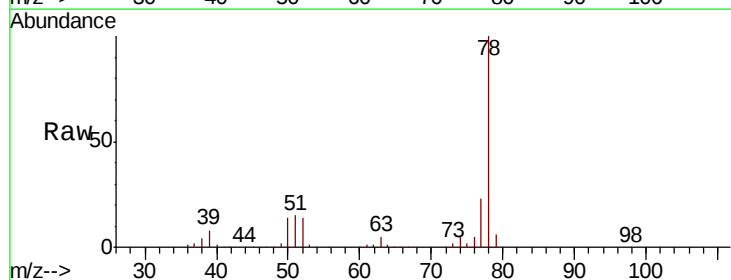
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

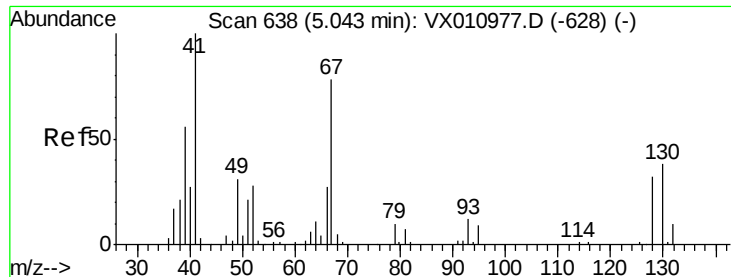
Tot Ion:117 Resp: 66469
Ion Ratio Lower Upper
117 100
119 92.5 74.3 111.5
121 30.5 24.9 37.3



#34
Benzene
Concen: 20.309 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 78 Resp: 190315
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.4
51 14.8 11.4 17.2

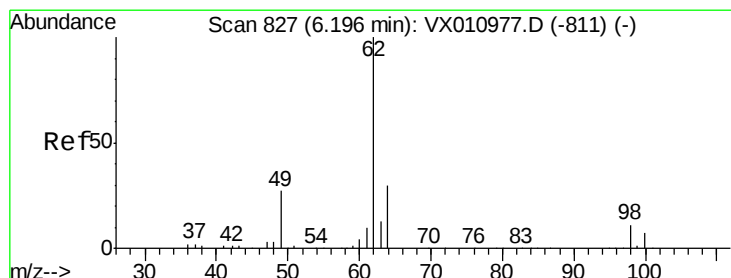
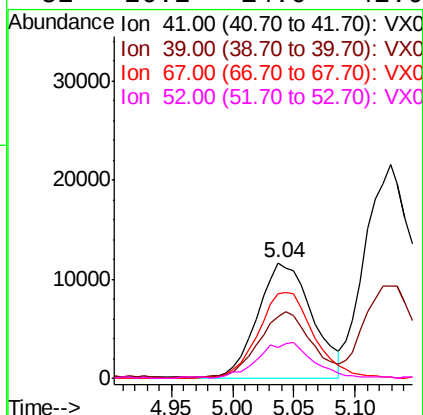
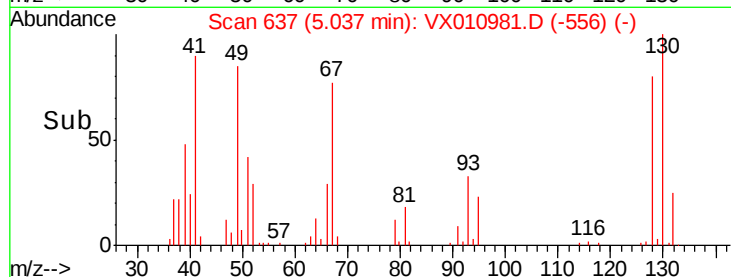
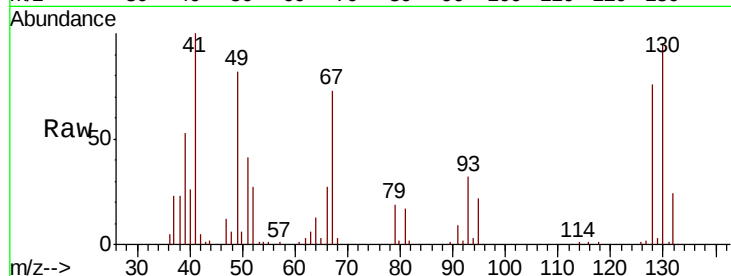




#35
Methacrylonitrile
Concen: 20.312 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

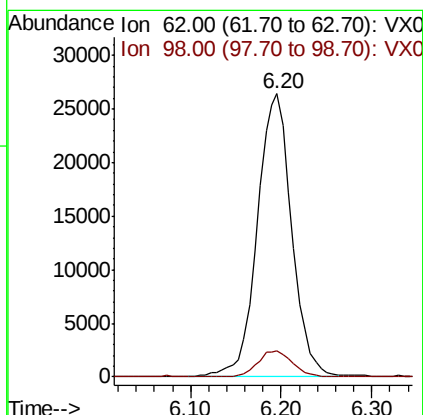
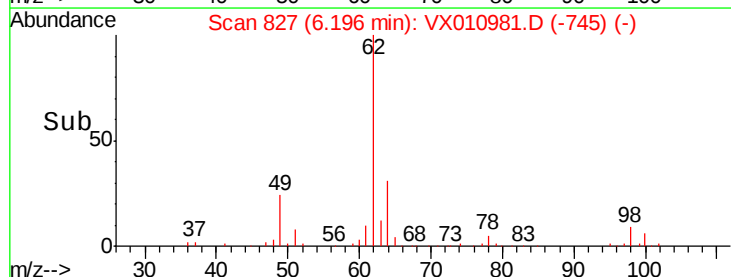
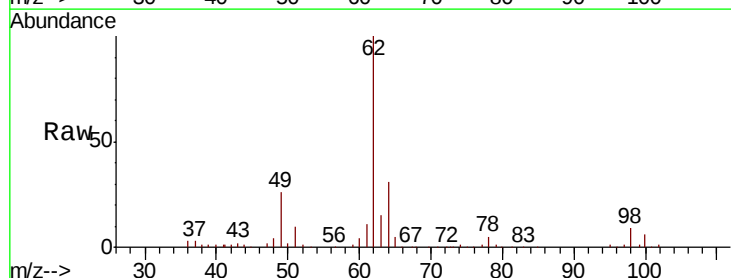
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

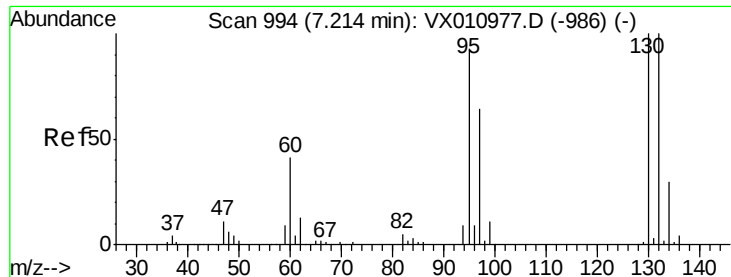
Tot Ion: 41 Resp: 35658
Ion Ratio Lower Upper
41 100
39 52.4 27.6 82.8
67 73.6 39.1 117.2
52 26.2 14.0 42.0



#36
1,2-Dichloroethane
Concen: 20.642 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 62 Resp: 69167
Ion Ratio Lower Upper
62 100
98 9.3 8.0 12.0

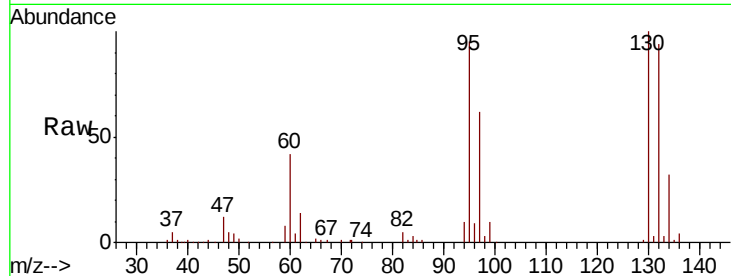




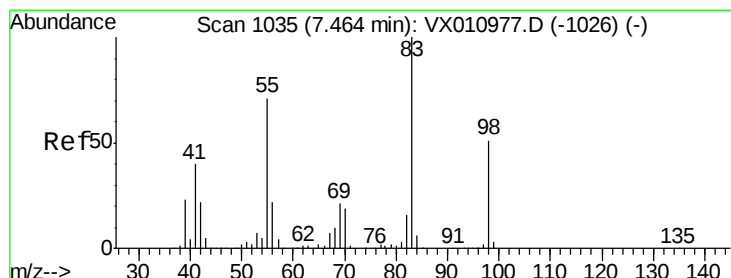
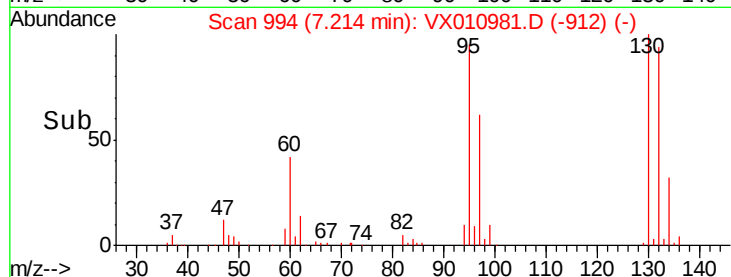
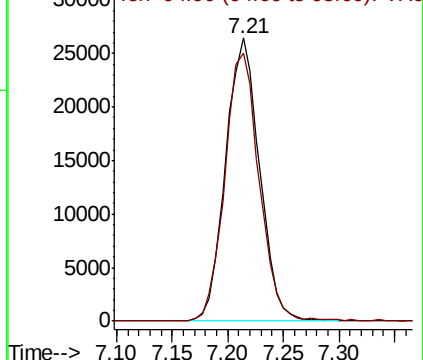
#37
 Trichloroethene
 Concen: 20.372 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

Tot Ion:130 Resp: 55890
 Ion Ratio Lower Upper
 130 100
 95 94.4 74.1 111.1

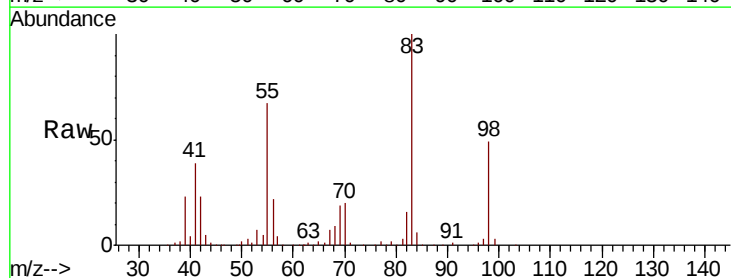


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

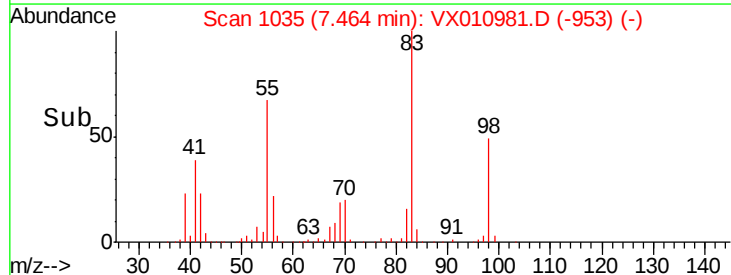
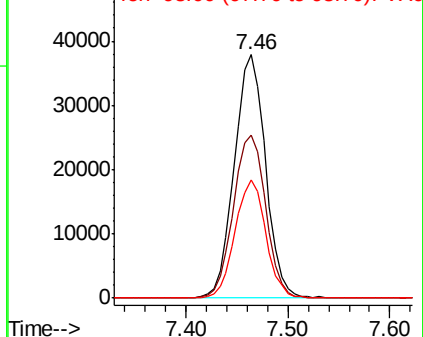


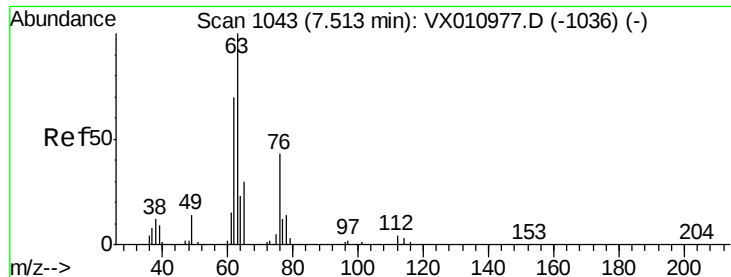
#38
 Methylcyclohexane
 Concen: 20.354 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion: 83 Resp: 80250
 Ion Ratio Lower Upper
 83 100
 55 69.5 35.3 105.9
 98 47.9 24.0 72.0



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





#39

1,2-Dichloropropane

Concen: 20.088 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

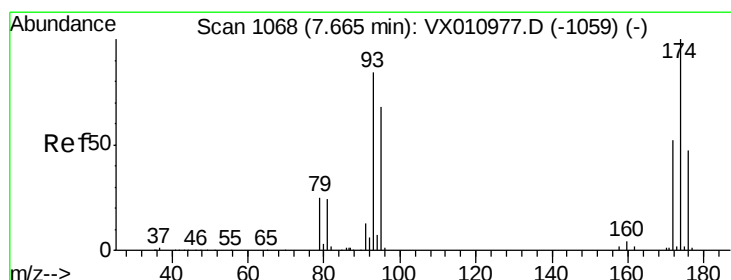
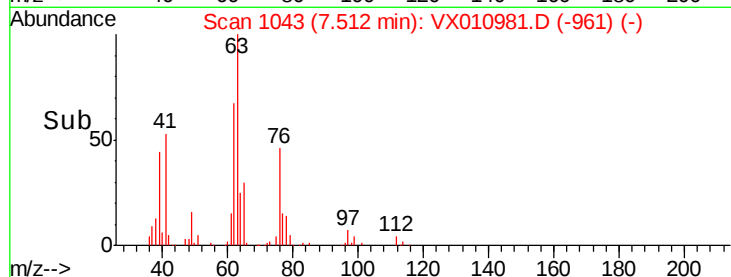
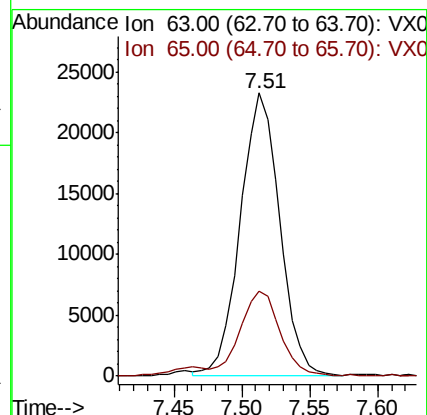
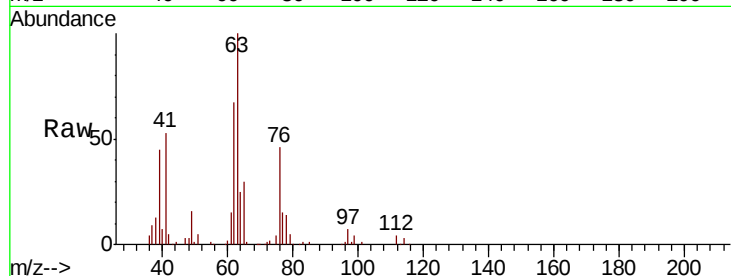
ICVVN071919

Tot Ion: 63 Resp: 47054

Ion Ratio Lower Upper

63 100

65 30.1 25.6 38.4



#40

Dibromomethane

Concen: 20.549 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

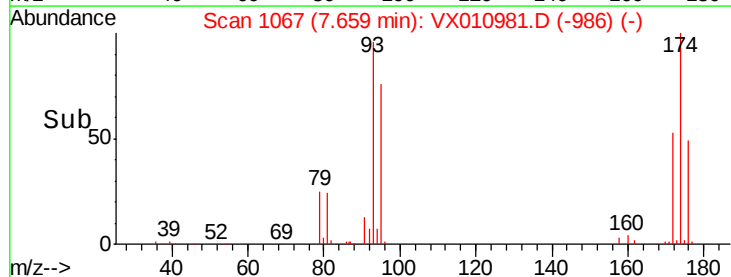
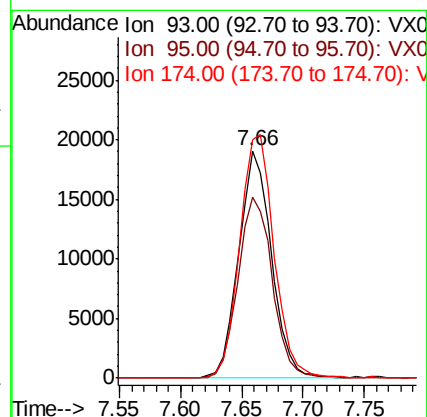
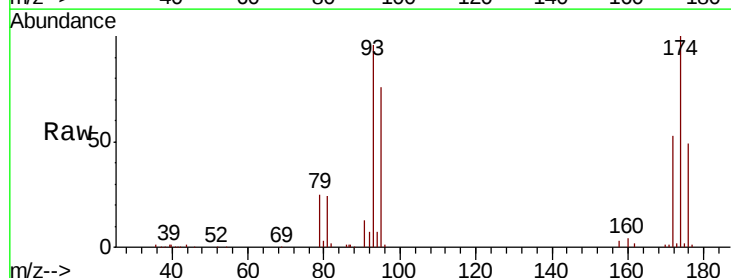
Tgt Ion: 93 Resp: 35401

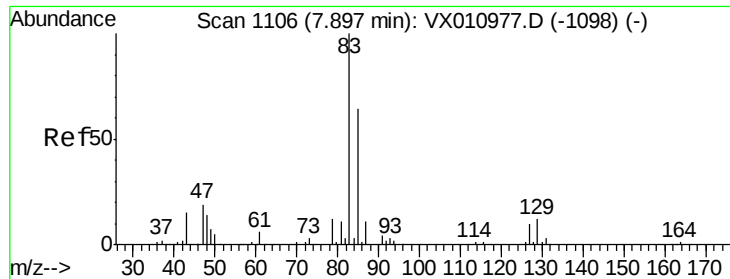
Ion Ratio Lower Upper

93 100

95 82.7 0.0 166.0

174 112.3 0.0 229.2





#41

Bromodichloromethane

Concen: 19.963 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

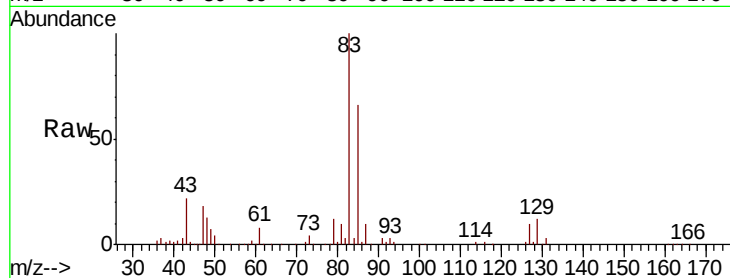
Tot Ion: 83 Resp: 62597

Ion Ratio Lower Upper

83 100

85 65.7 50.9 76.3

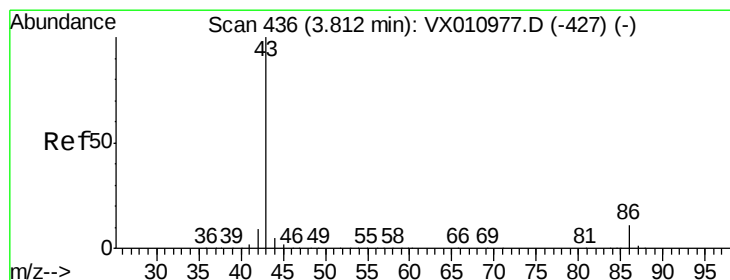
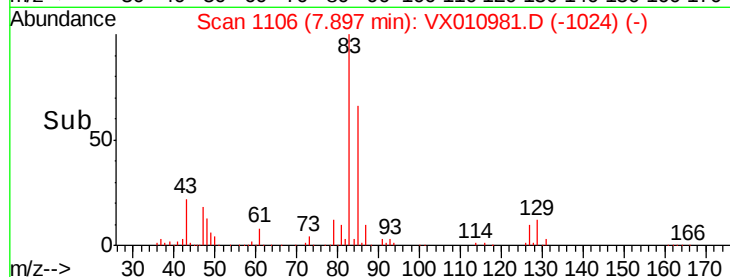
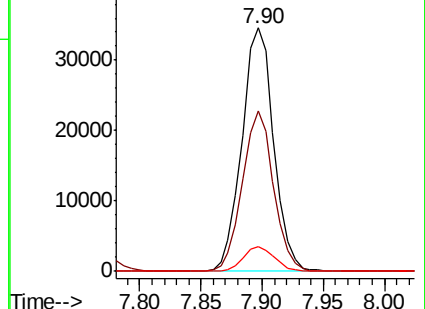
127 10.3 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.822 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010981.D

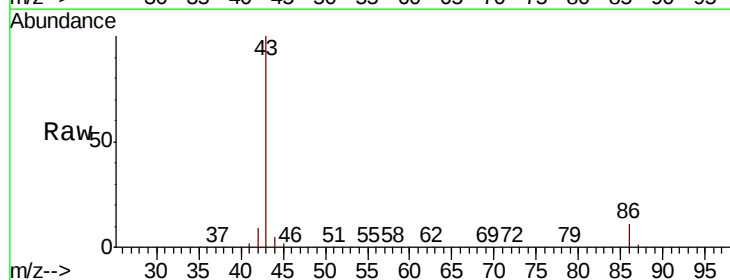
Acq: 19 Jul 2019 00:18

Tgt Ion: 43 Resp: 554593

Ion Ratio Lower Upper

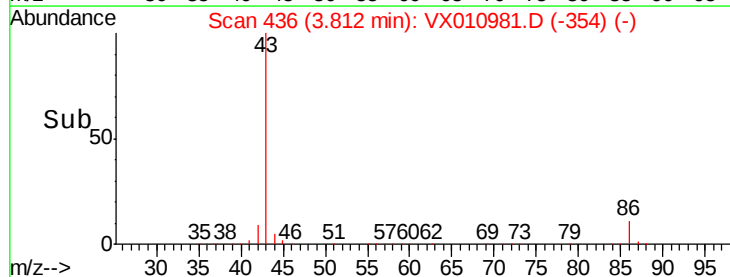
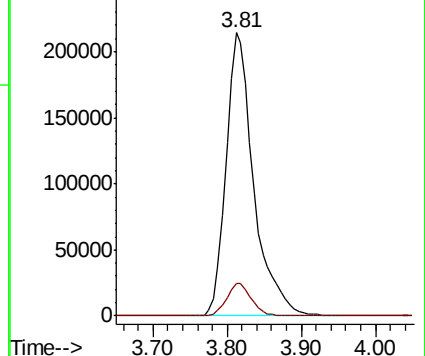
43 100

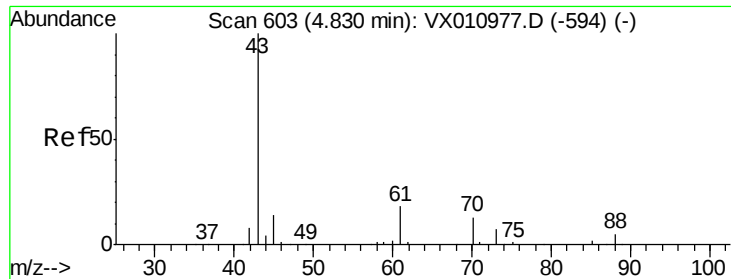
86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.913 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

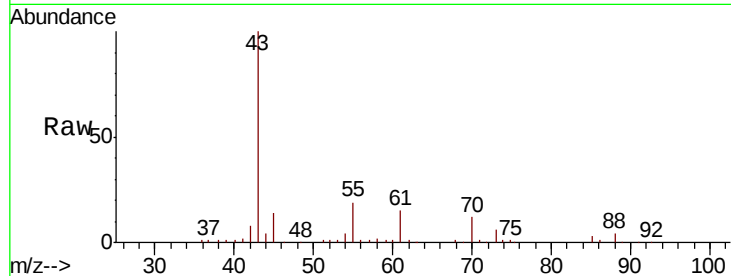
ICVVN071919

Tot Ion: 43 Resp: 64458

Ion Ratio Lower Upper

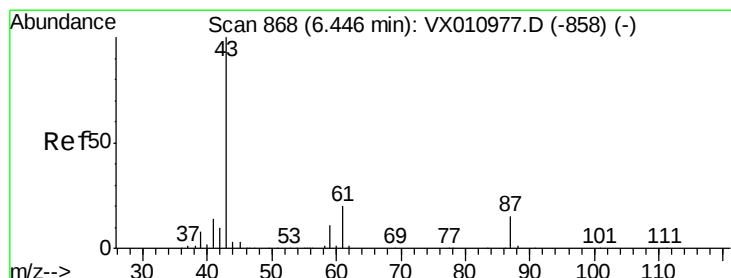
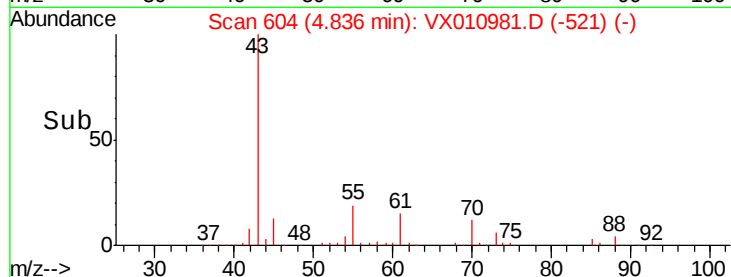
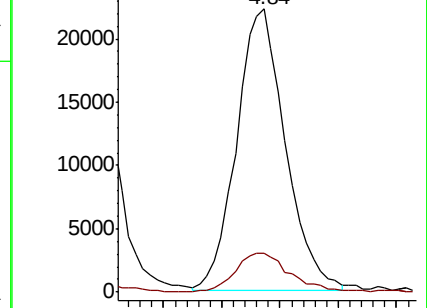
43 100

45 15.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.694 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010981.D

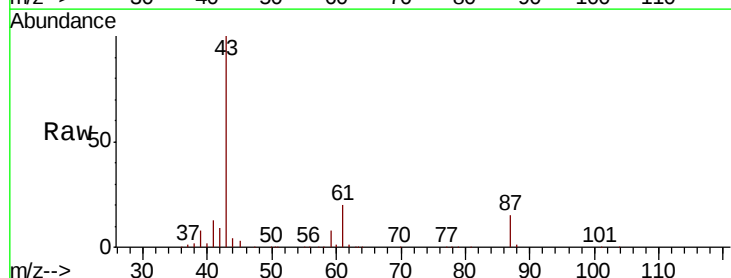
Acq: 19 Jul 2019 00:18

Tgt Ion: 43 Resp: 103835

Ion Ratio Lower Upper

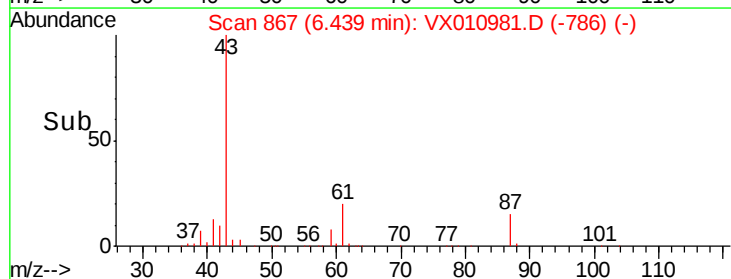
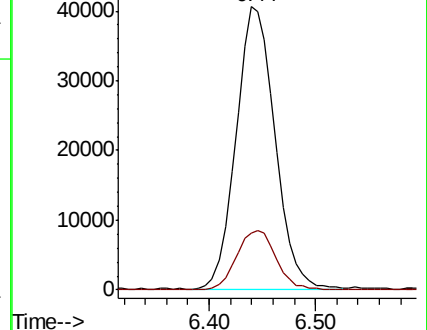
43 100

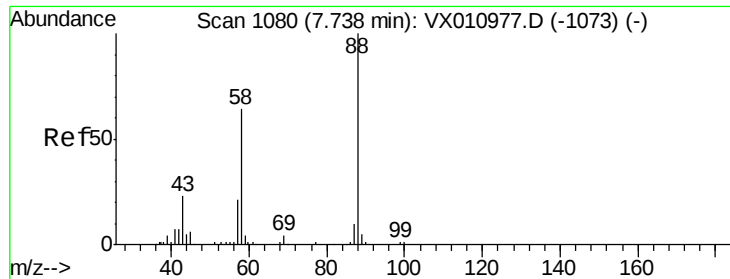
61 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



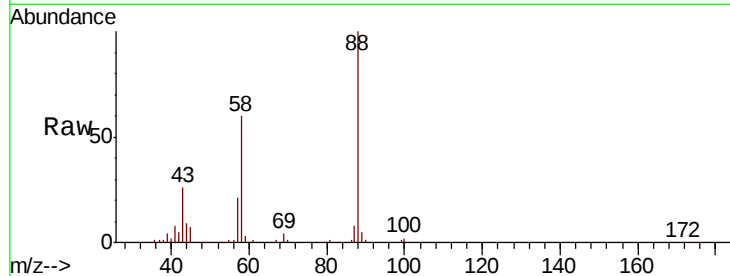


#45
 1,4-Dioxane
 Concen: 407.339 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

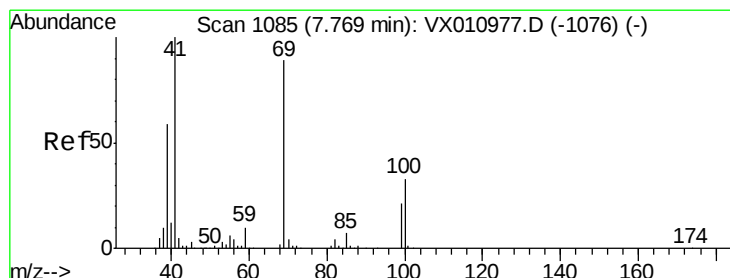
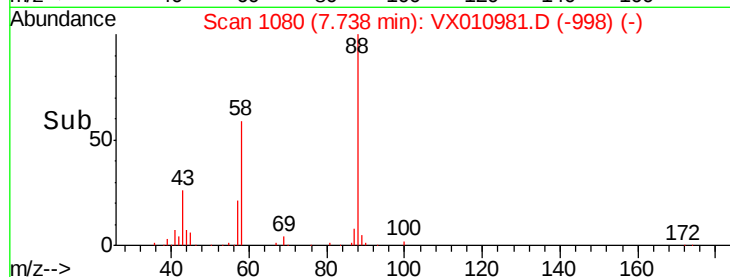
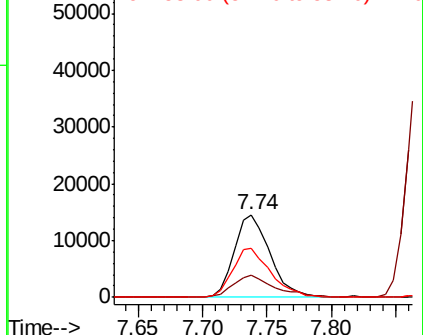
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

Tot Ion: 88 Resp: 27953

Ion	Ratio	Lower	Upper
88	100		
43	28.8	21.6	32.4
58	64.2	52.2	78.2



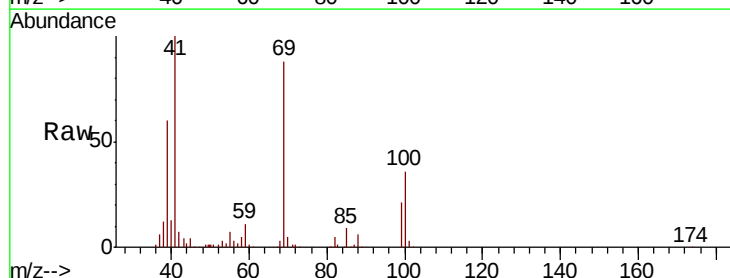
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



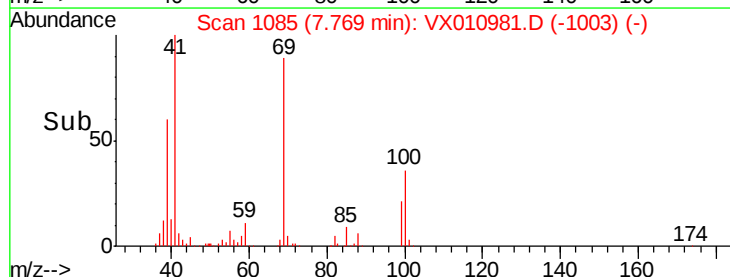
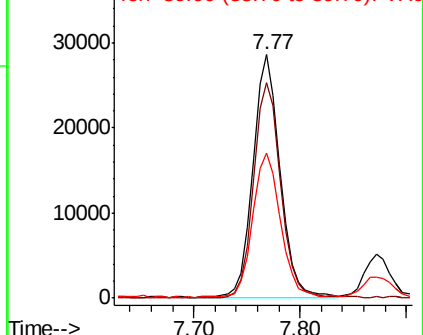
#46
 Methyl methacrylate
 Concen: 19.826 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

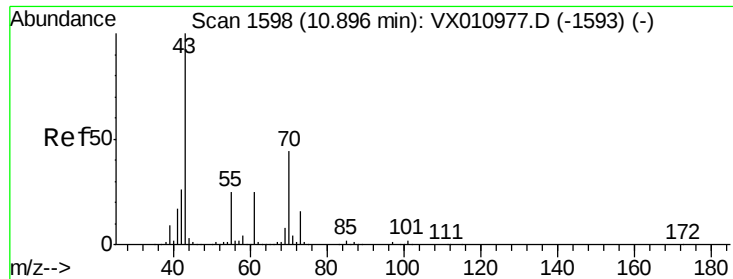
Tgt Ion: 41 Resp: 50736

Ion	Ratio	Lower	Upper
41	100		
69	88.7	44.7	134.1
39	59.4	29.4	88.2



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





#47

n-amvl Acetate

Concen: 19.601 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

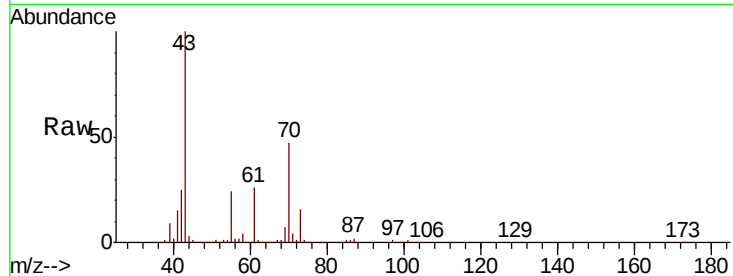
ICVVN071919

Tot Ion: 43 Resp: 92684

Ion Ratio Lower Upper

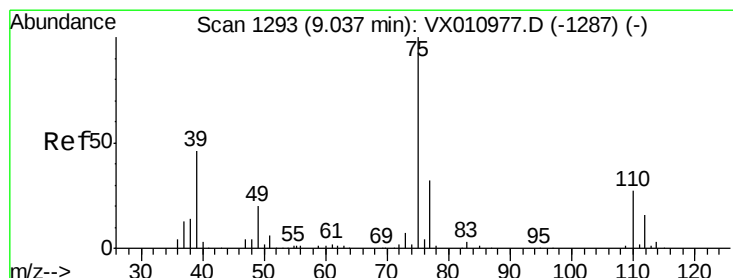
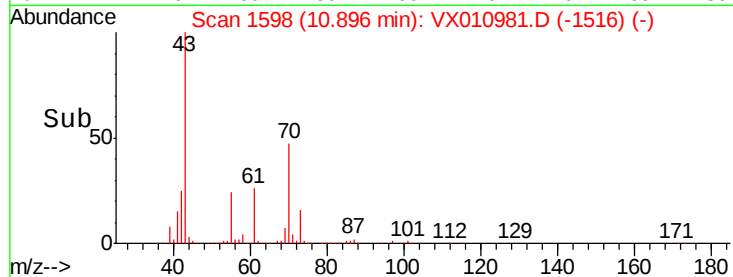
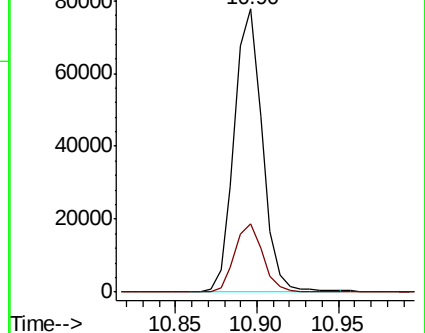
43 100

55 24.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.487 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010981.D

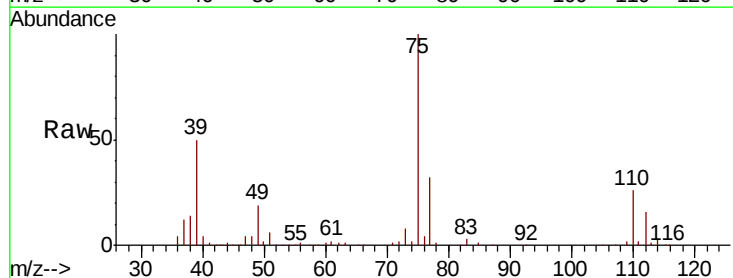
Acq: 19 Jul 2019 00:18

Tgt Ion: 75 Resp: 64400

Ion Ratio Lower Upper

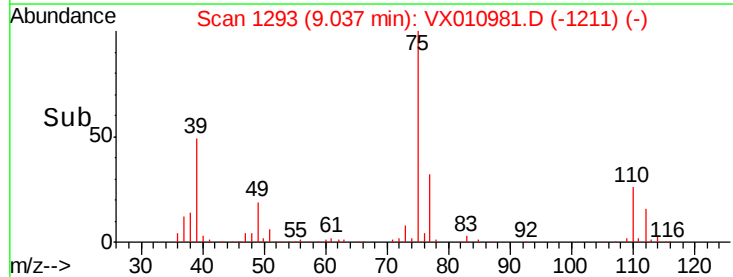
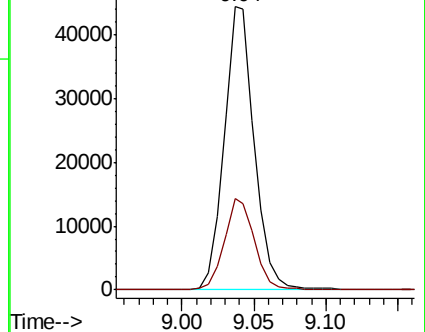
75 100

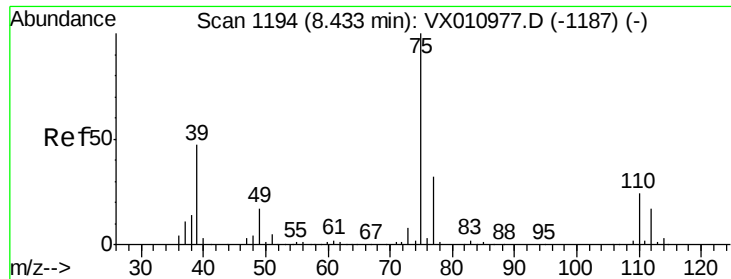
77 32.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

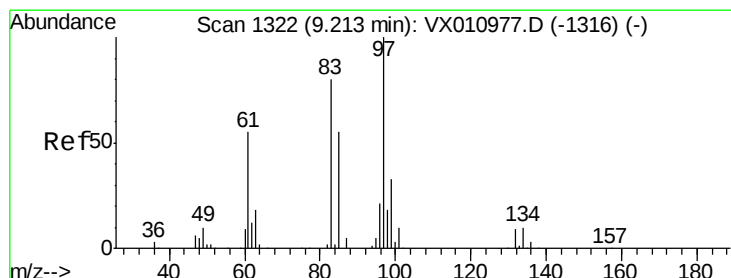
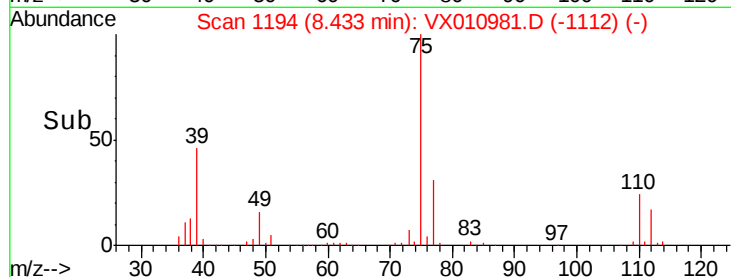
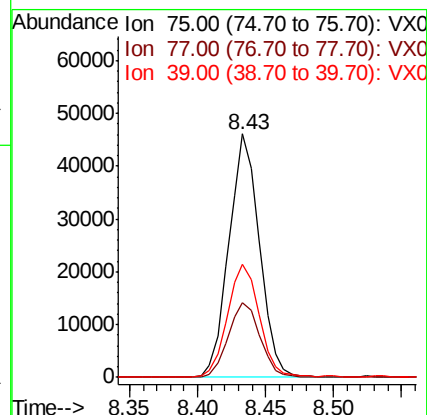
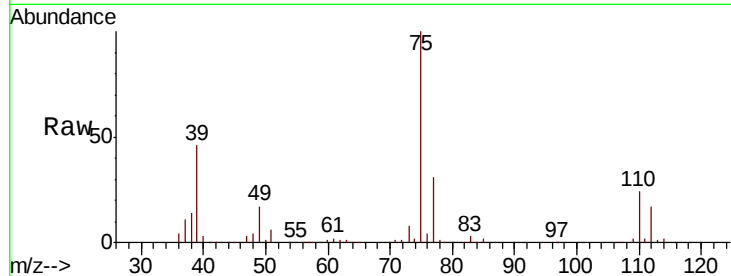




#49
 cis-1,3-Dichloropropene
 Concen: 19.981 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

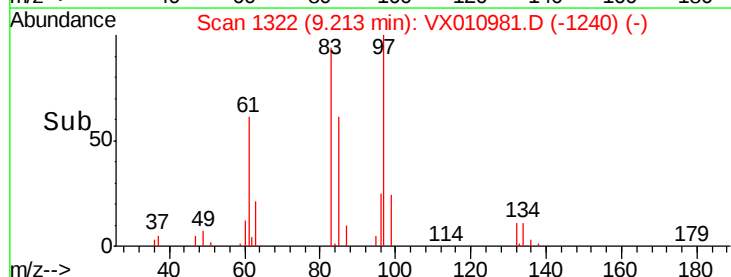
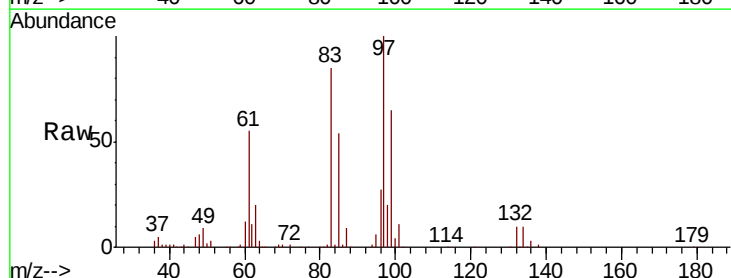
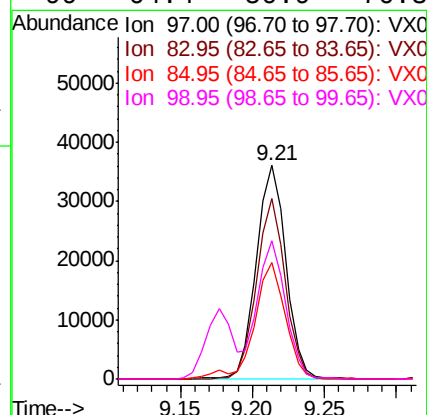
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

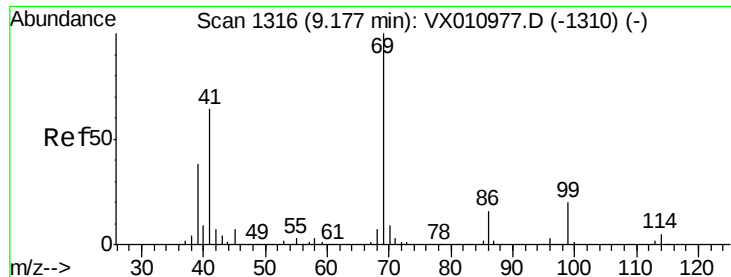
Tot Ion: 75 Resp: 72059
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9
 39 46.2 37.8 56.6



#50
 1,1,2-Trichloroethane
 Concen: 20.325 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion: 97 Resp: 51247
 Ion Ratio Lower Upper
 97 100
 83 84.6 63.9 95.9
 85 54.5 43.4 65.2
 99 64.4 50.9 76.3





#51

Ethyl methacrylate

Concen: 19.519 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

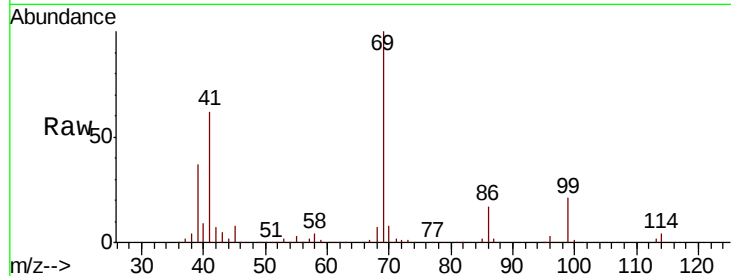
Tot Ion: 69 Resp: 76111

Ion Ratio Lower Upper

69 100

41 61.9 32.1 96.3

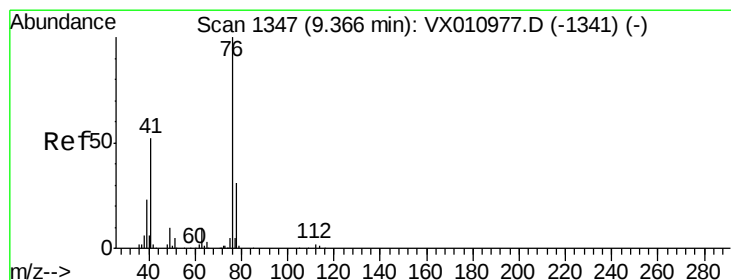
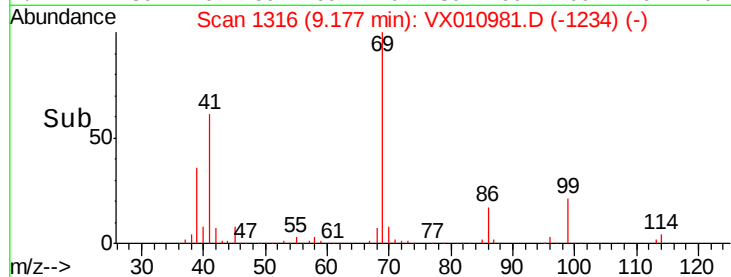
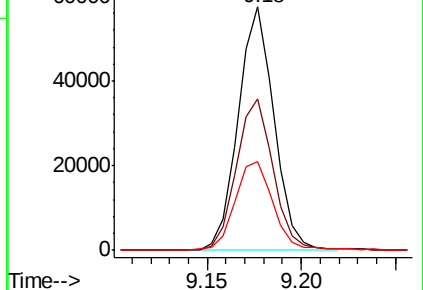
39 36.4 19.1 57.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.746 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX010981.D

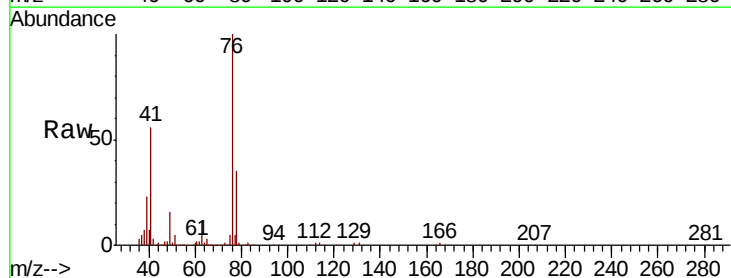
Acq: 19 Jul 2019 00:18

Tgt Ion: 76 Resp: 80004

Ion Ratio Lower Upper

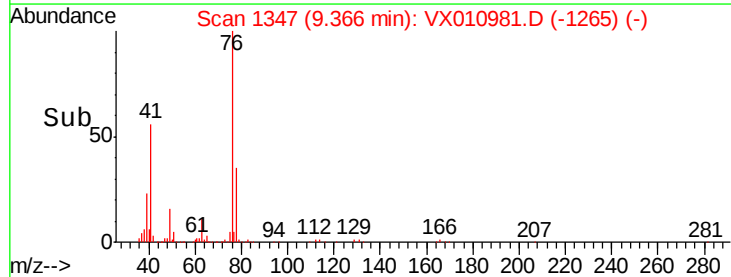
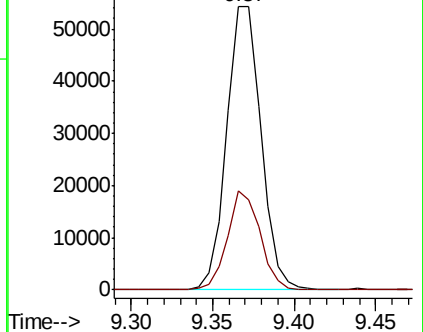
76 100

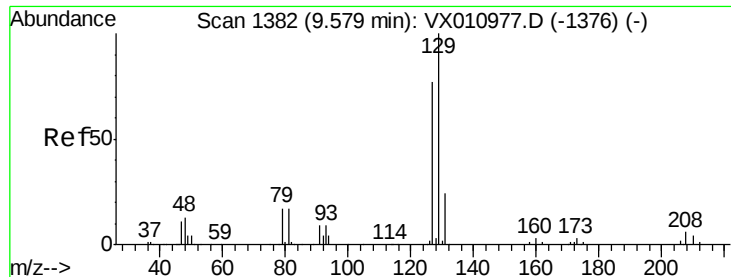
78 33.0 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

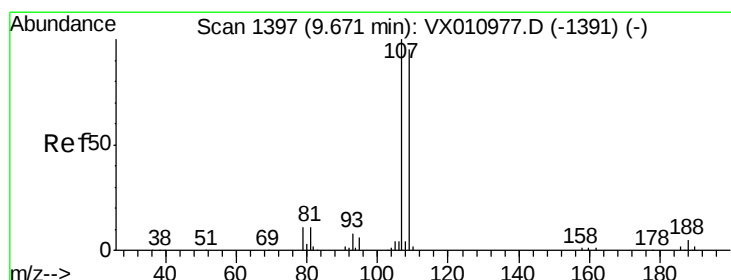
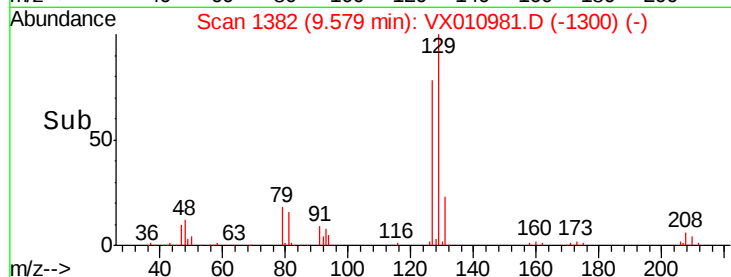
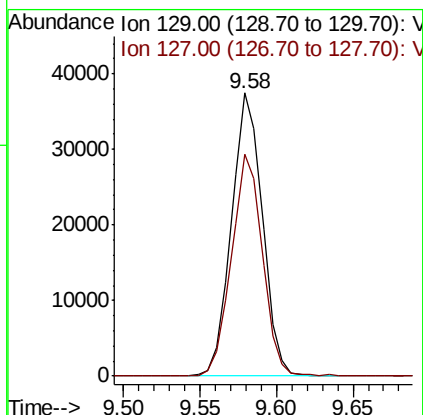
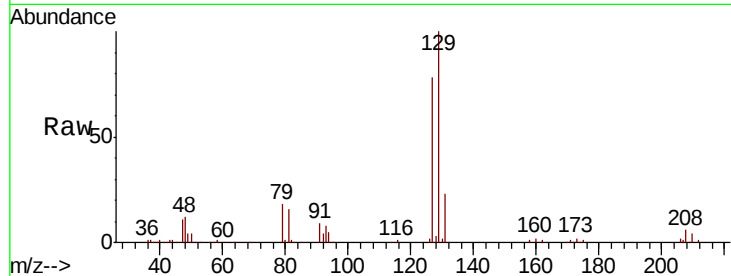




#53
 Dibromochloromethane
 Concen: 19.235 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

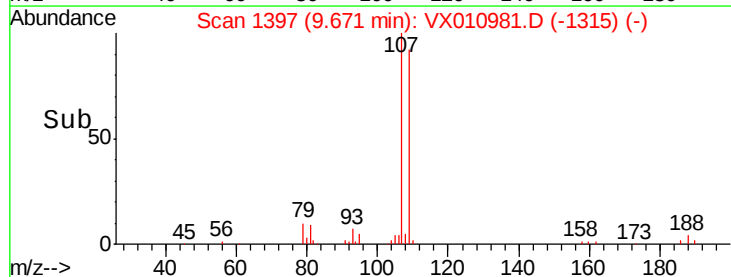
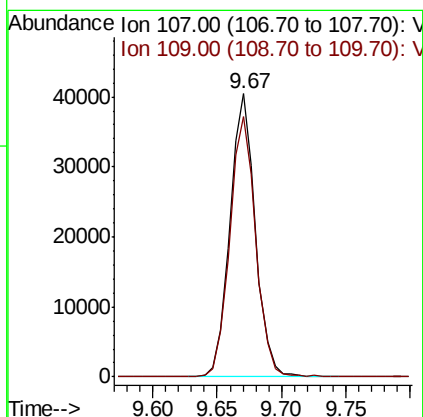
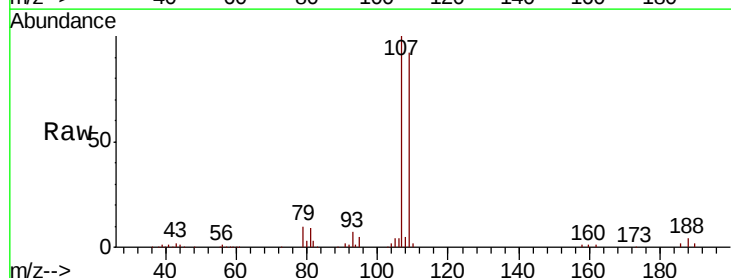
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

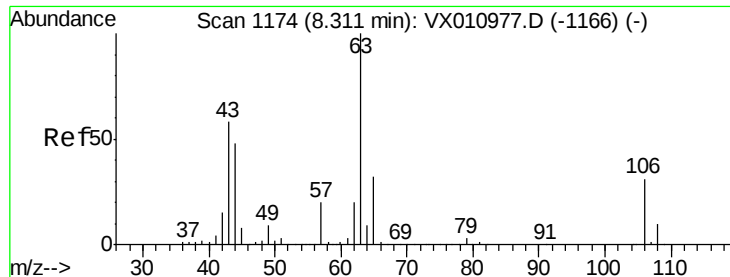
Tot Ion:129 Resp: 52376
 Ion Ratio Lower Upper
 129 100
 127 78.2 38.1 114.3



#54
 1,2-Dibromoethane
 Concen: 20.387 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion:107 Resp: 55860
 Ion Ratio Lower Upper
 107 100
 109 93.6 77.1 115.7

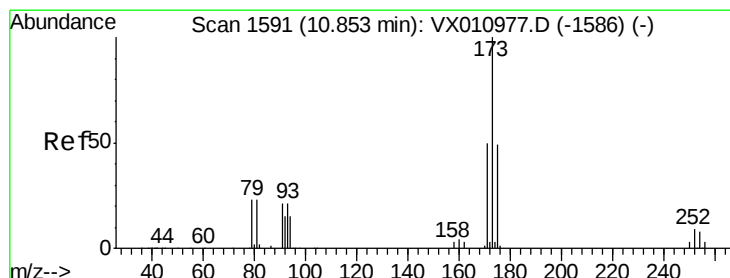
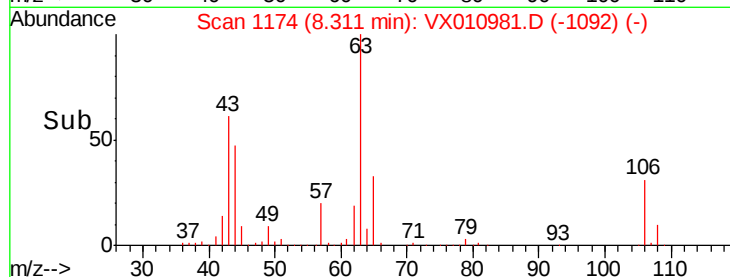
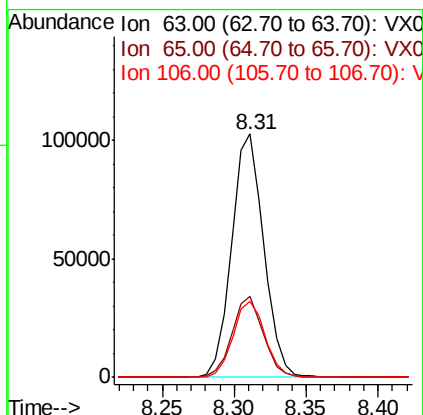
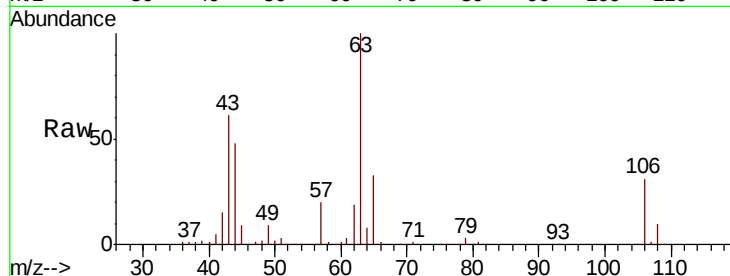




#55
2-Chloroethyl vinyl ether
Concen: 96.799 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

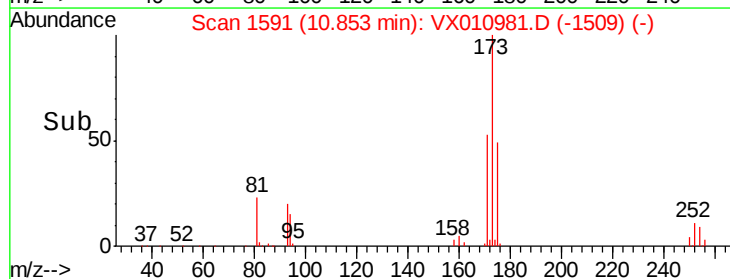
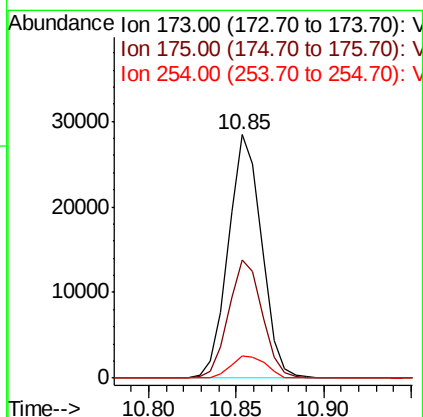
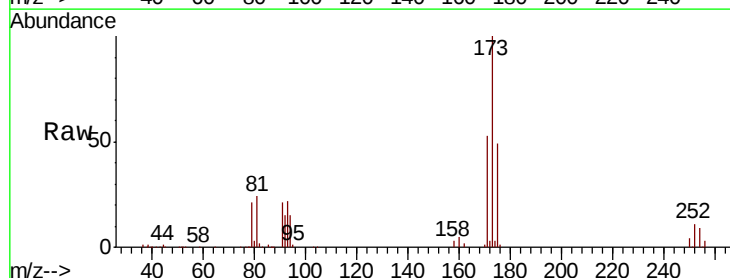
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

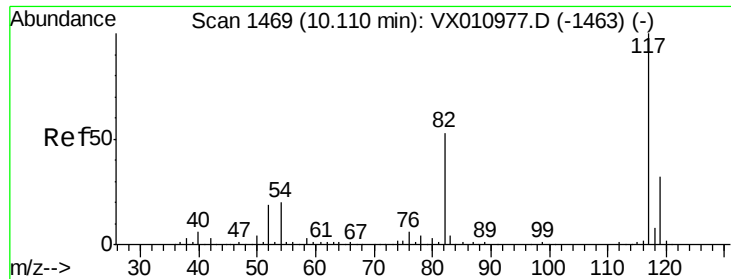
Tot Ion: 63 Resp: 159844
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 31.3 24.8 37.2



#56
Bromoform
Concen: 18.566 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 173 Resp: 37652
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 9.5 7.9 11.9

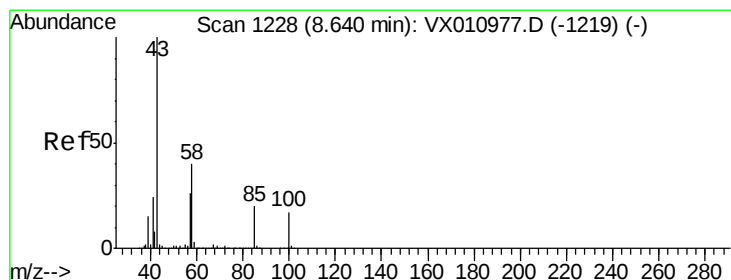
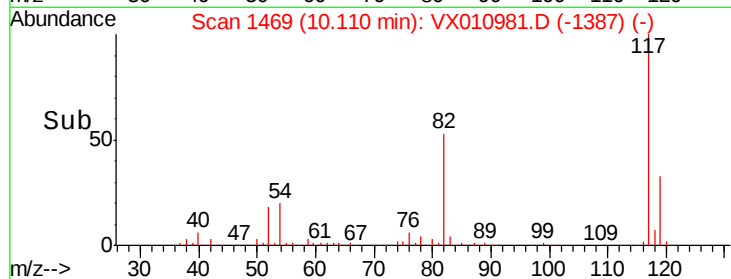
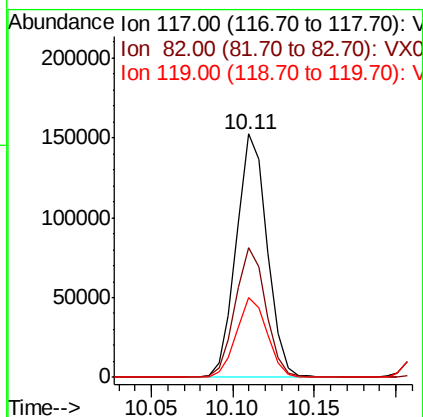
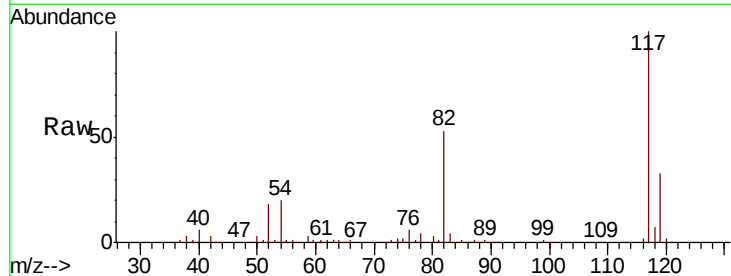




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

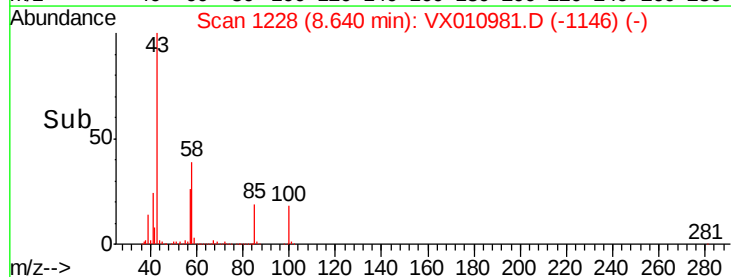
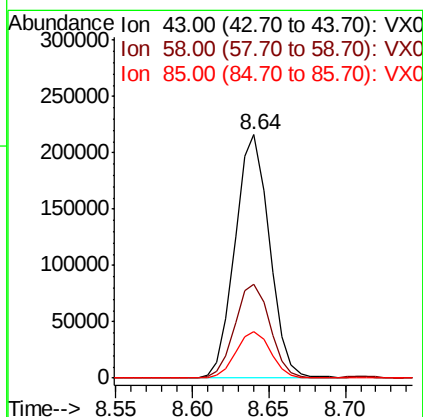
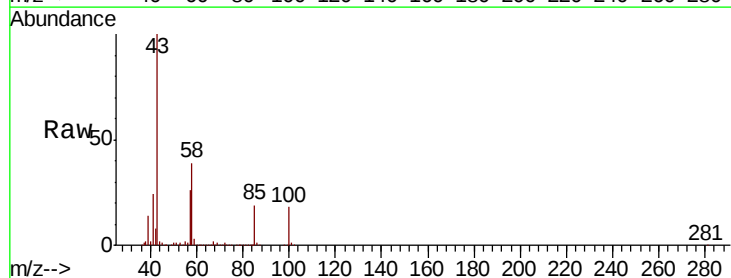
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

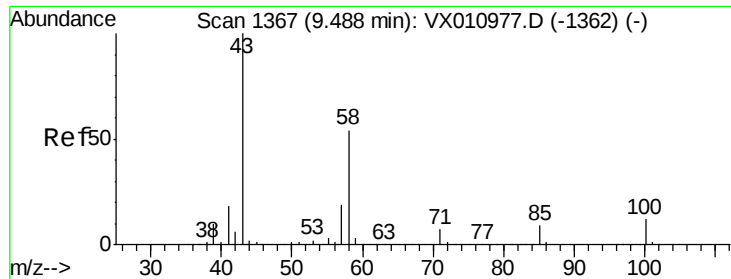
Tot Ion:117 Resp: 201405
Ion Ratio Lower Upper
117 100
82 52.8 41.6 62.4
119 32.6 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 99.424 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 43 Resp: 338178
Ion Ratio Lower Upper
43 100
58 39.6 32.6 48.8
85 19.5 15.8 23.6

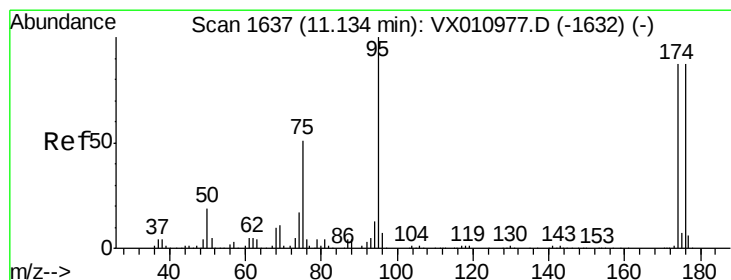
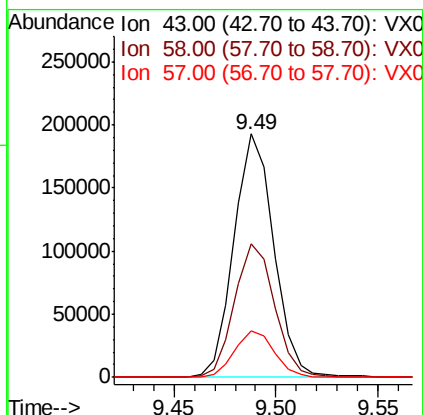
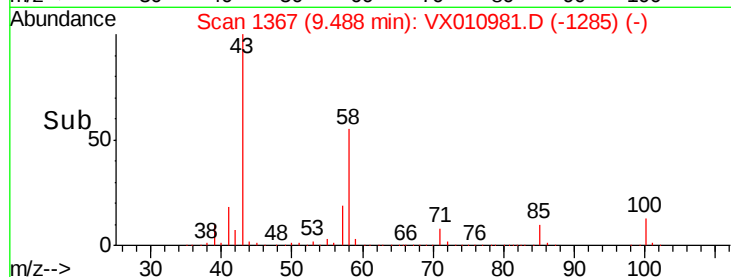
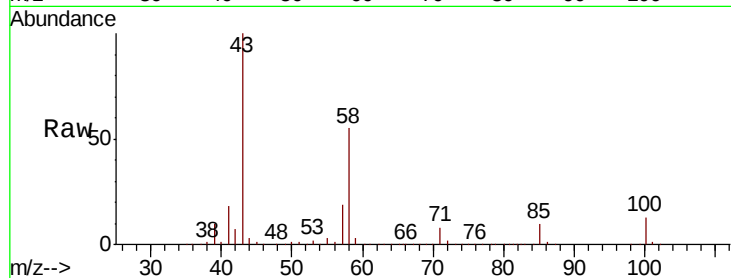




#59
2-Hexanone
Concen: 100.199 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

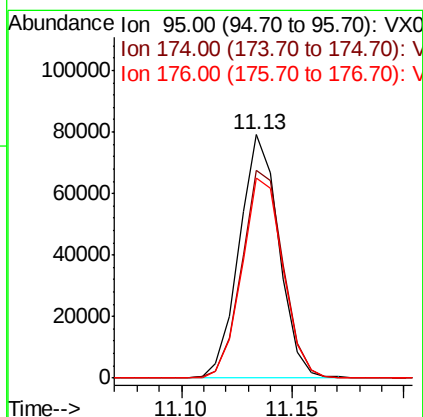
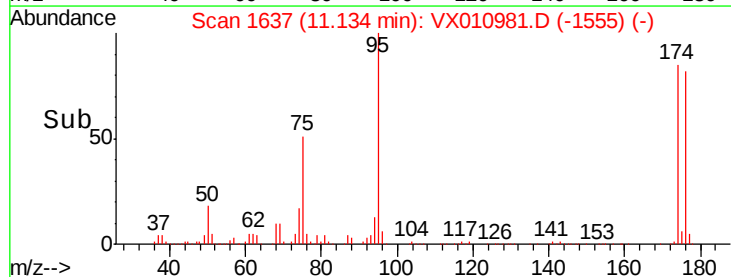
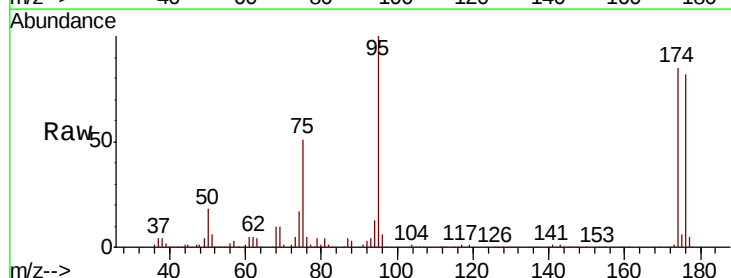
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

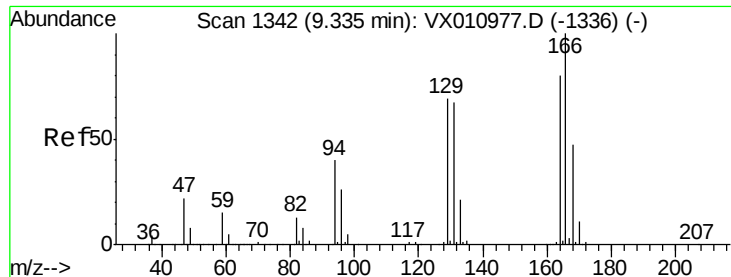
Tot Ion: 43 Resp: 260795
Ion Ratio Lower Upper
43 100
58 55.3 44.7 67.1
57 19.3 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 29.642 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 95 Resp: 98261
Ion Ratio Lower Upper
95 100
174 89.1 73.3 109.9
176 85.7 71.2 106.8





#61

Tetrachloroethene

Concen: 21.103 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

Tot Ion:164 Resp: 56118

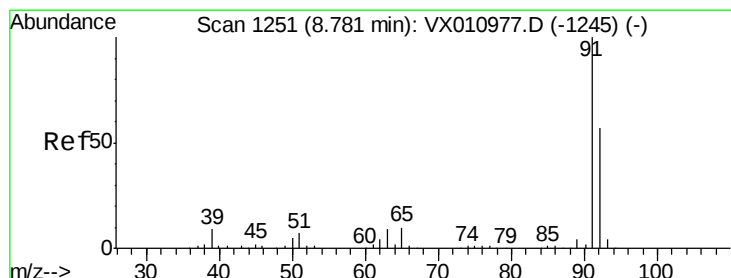
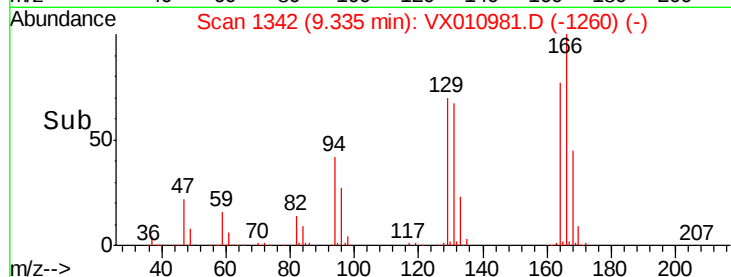
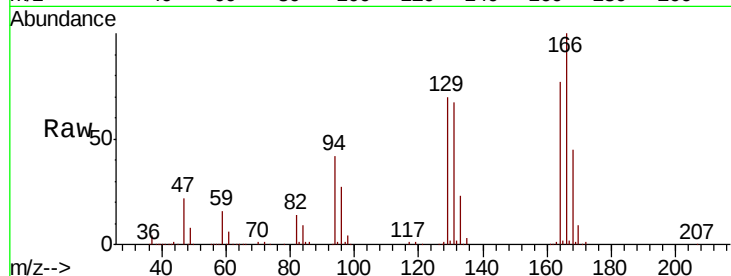
Ion Ratio Lower Upper

164 100

166 129.6 100.1 150.1

129 91.0 69.6 104.4

131 86.3 67.0 100.6



#62

Toluene

Concen: 20.224 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010981.D

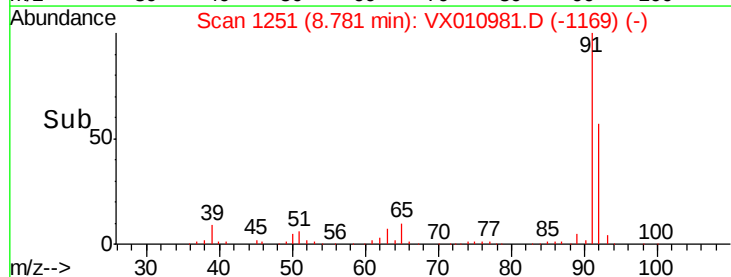
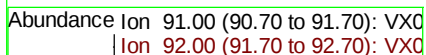
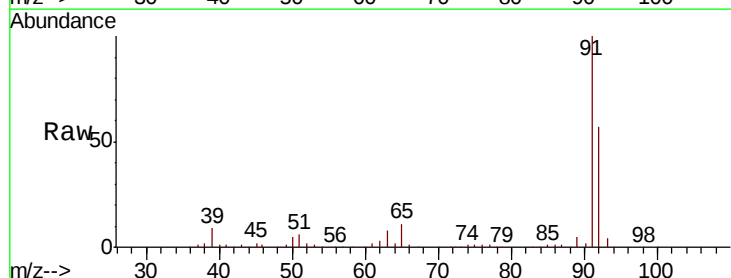
Acq: 19 Jul 2019 00:18

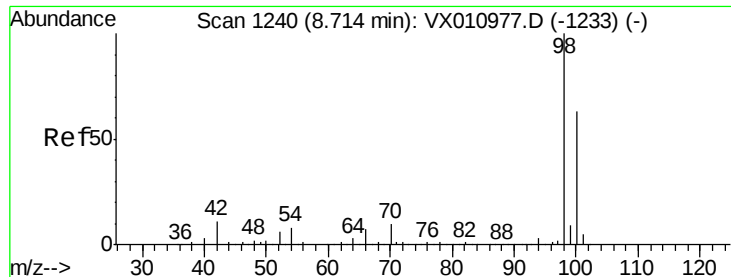
Tgt Ion: 91 Resp: 216383

Ion Ratio Lower Upper

91 100

92 57.5 45.4 68.2





#63

Toluene-d8

Concen: 30.373 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

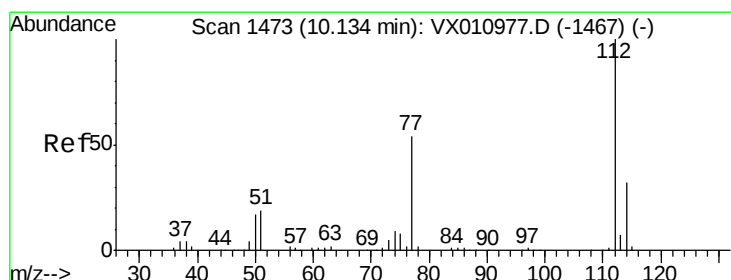
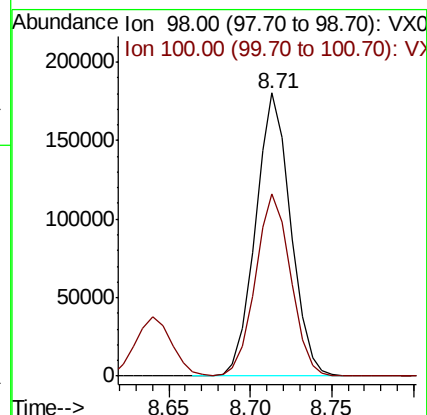
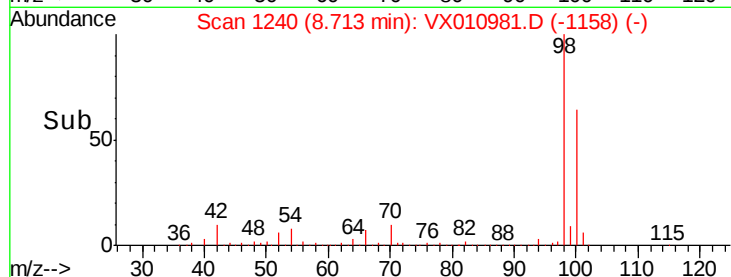
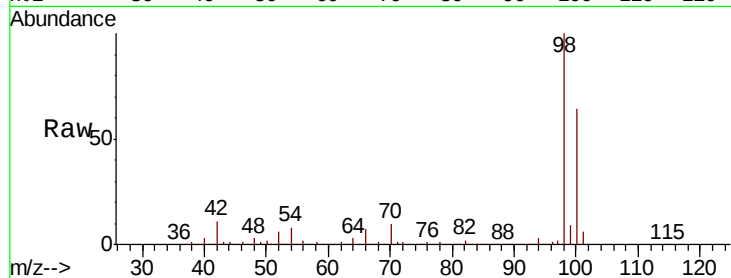
ICVFN071919

Tot Ion: 98 Resp: 268878

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0



#64

Chlorobenzene

Concen: 19.975 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010981.D

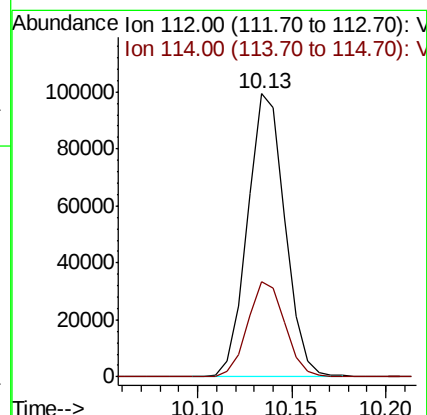
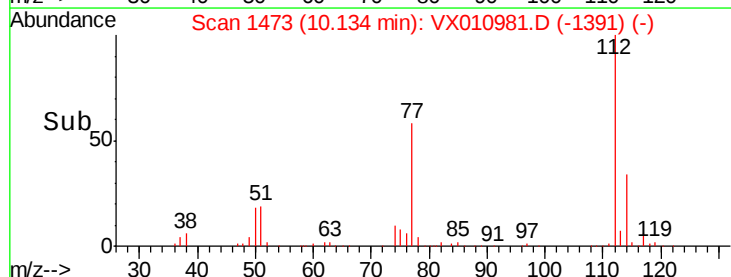
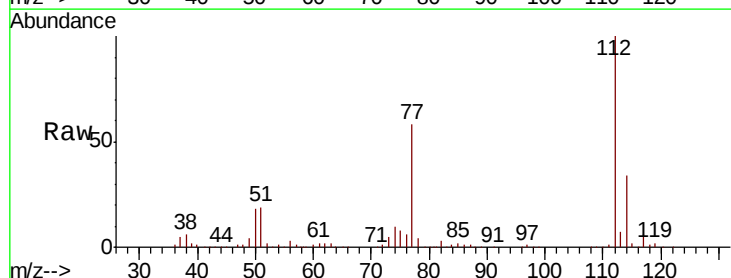
Acq: 19 Jul 2019 00:18

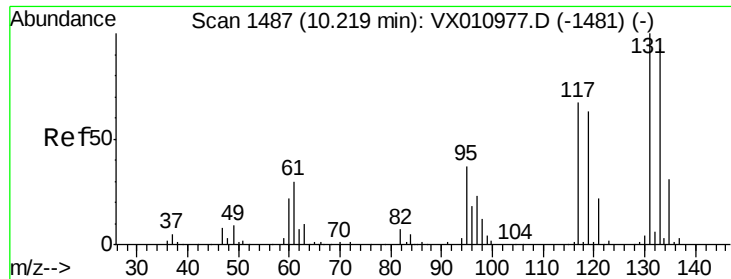
Tgt Ion: 112 Resp: 136932

Ion Ratio Lower Upper

112 100

114 33.8 25.3 37.9

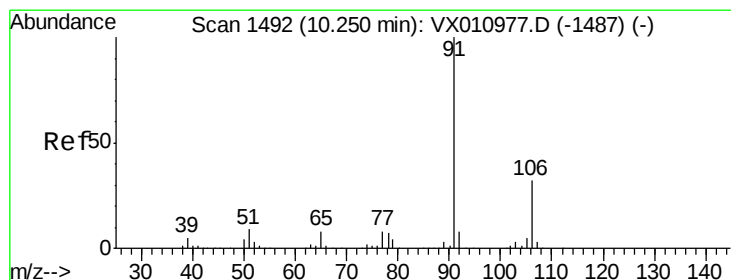
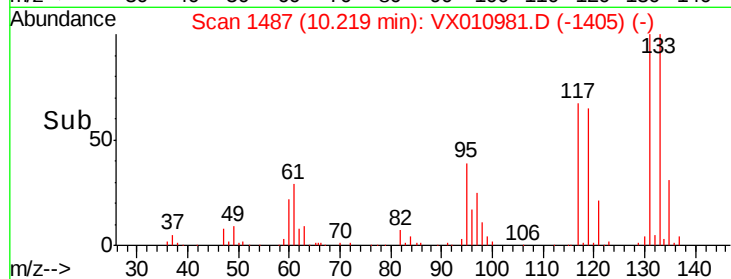
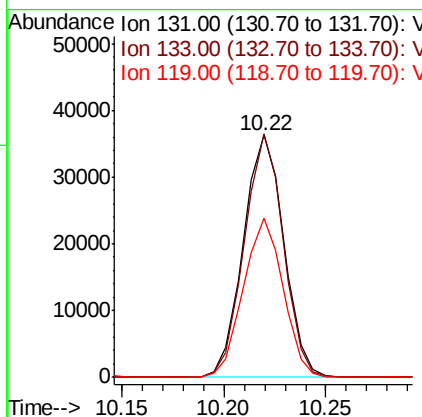
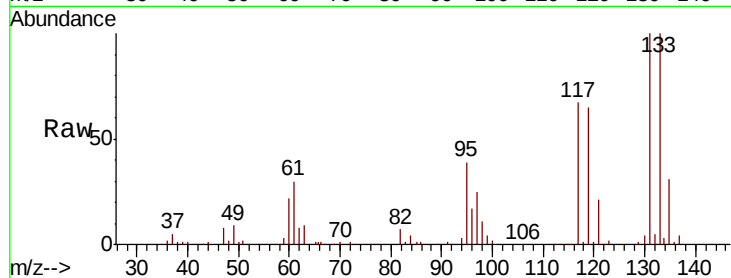




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.129 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

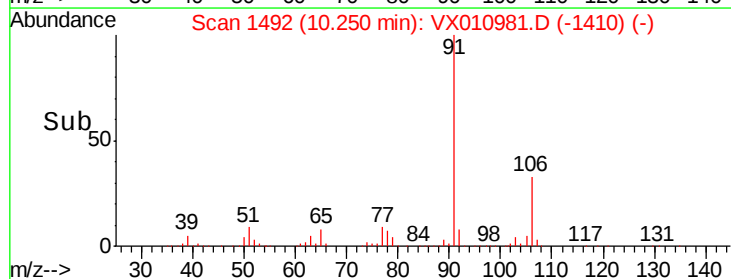
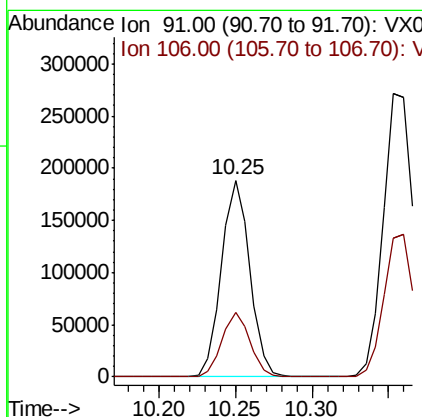
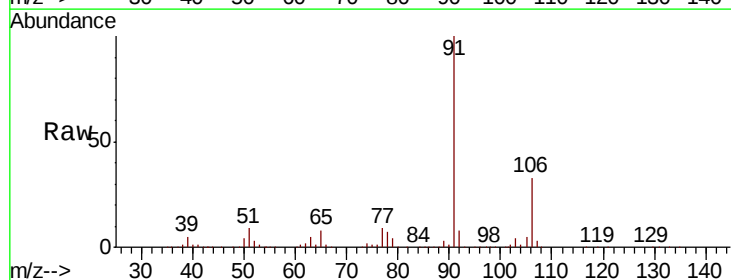
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

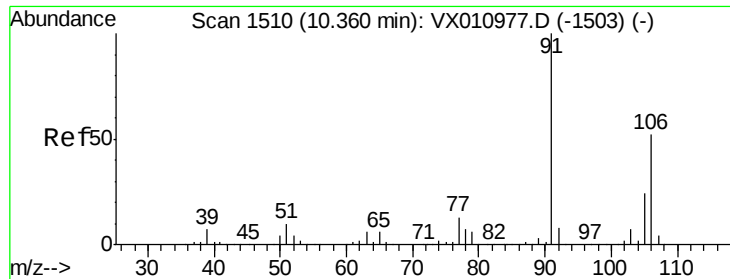
Tot Ion:131 Resp: 50150
 Ion Ratio Lower Upper
 131 100
 133 96.7 0.0 190.2
 119 64.7 0.0 127.0



#66
 Ethyl Benzene
 Concen: 20.008 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion: 91 Resp: 240988
 Ion Ratio Lower Upper
 91 100
 106 32.7 25.8 38.8

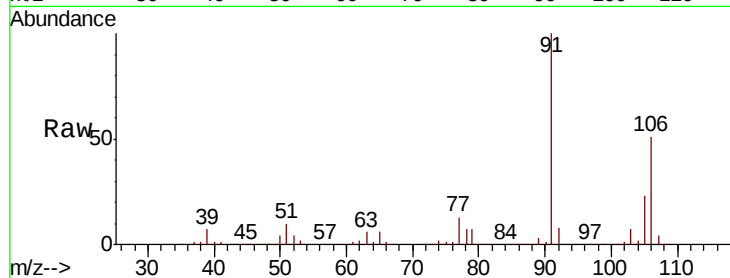




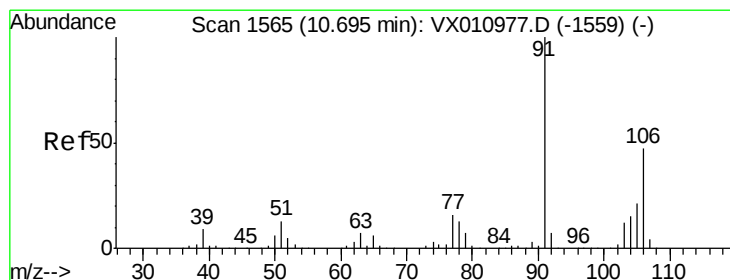
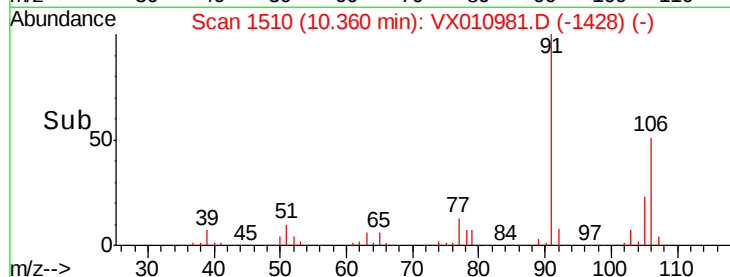
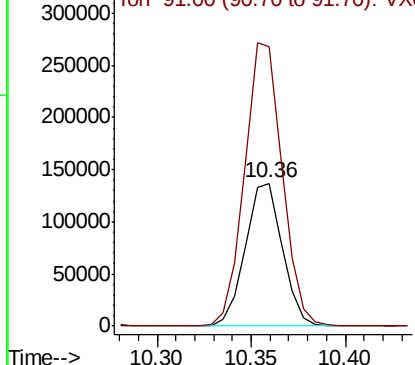
#67
m/p-Xylenes
Concen: 40.496 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

Tot Ion:106 Resp: 186618
Ion Ratio Lower Upper
106 100
91 201.1 156.6 235.0

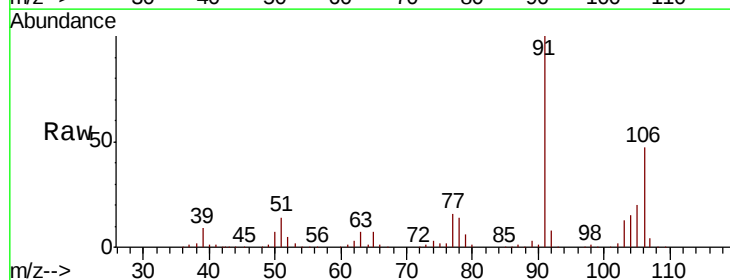


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

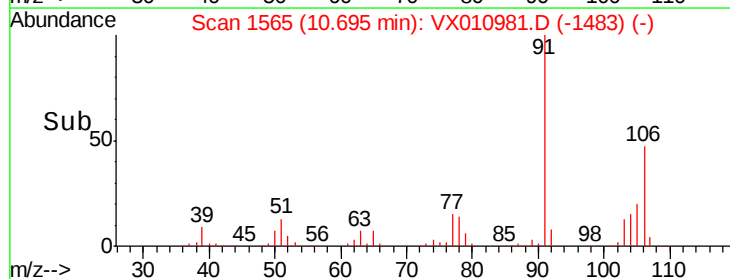
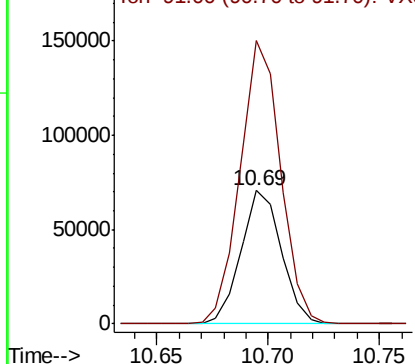


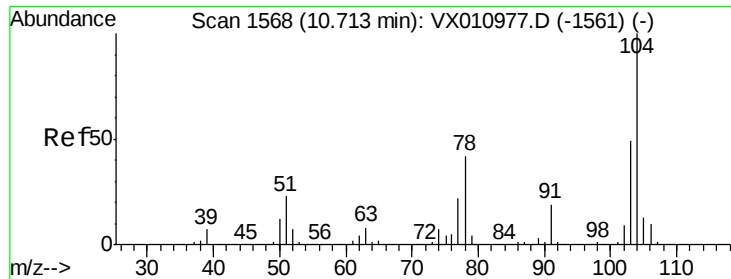
#68
o-Xylene
Concen: 20.014 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion:106 Resp: 90371
Ion Ratio Lower Upper
106 100
91 210.5 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

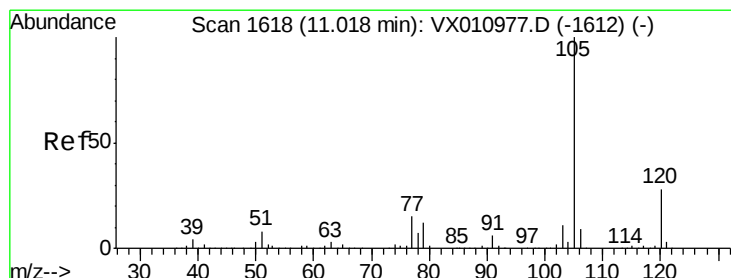
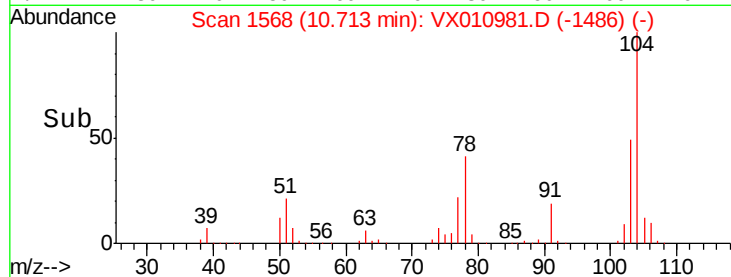
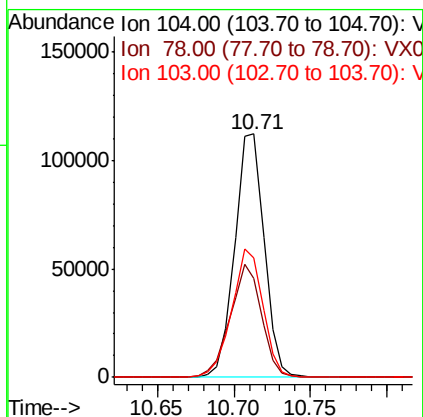
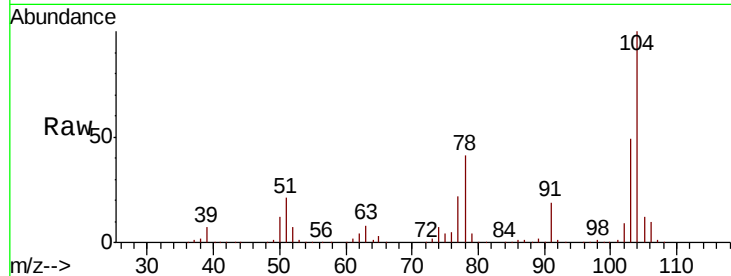




#69
Stvrene
Concen: 19.851 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

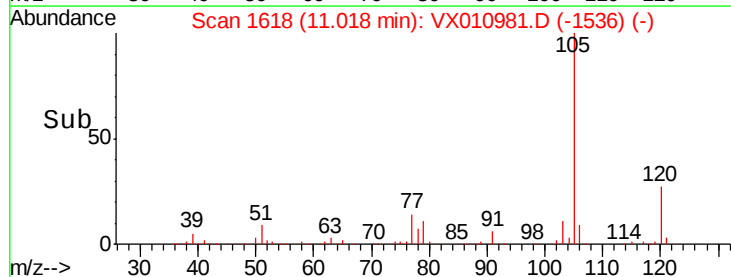
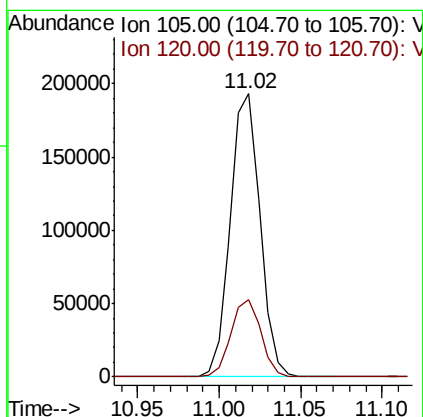
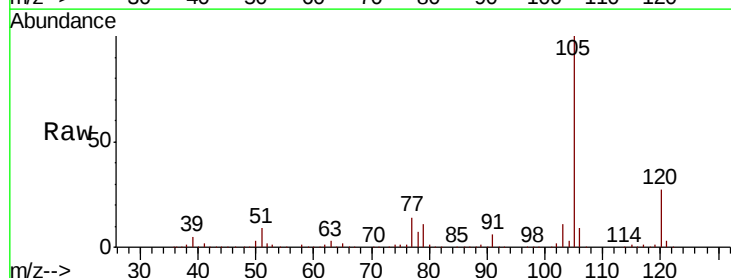
Instrument :
MSVOA_X
ClientSampled :
ICVVN071919

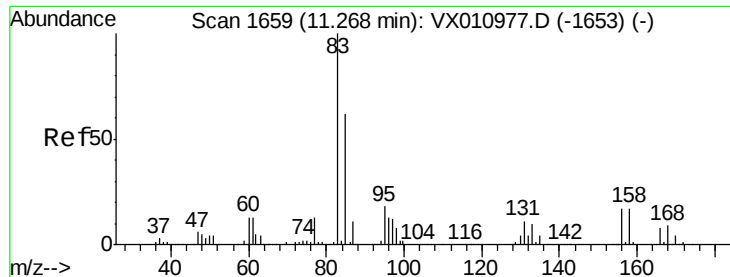
Tot Ion:104 Resp: 150667
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 55.6 44.6 67.0



#70
Isopropylbenzene
Concen: 20.323 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion:105 Resp: 244369
Ion Ratio Lower Upper
105 100
120 27.4 19.4 36.0

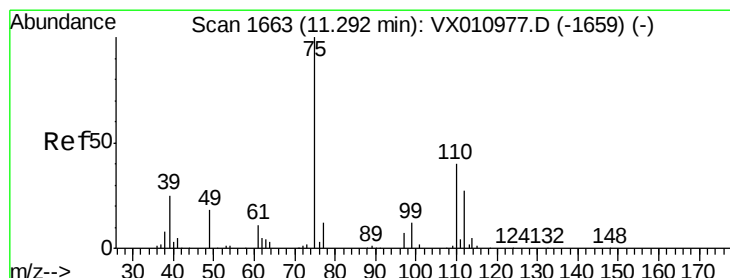
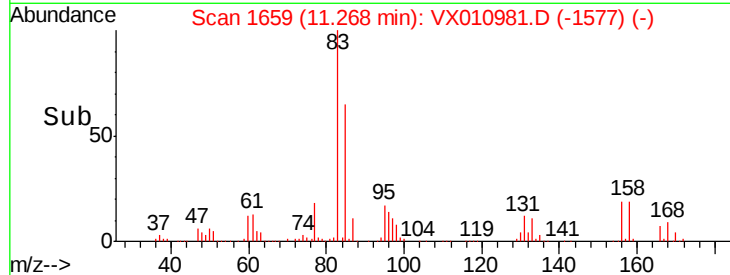
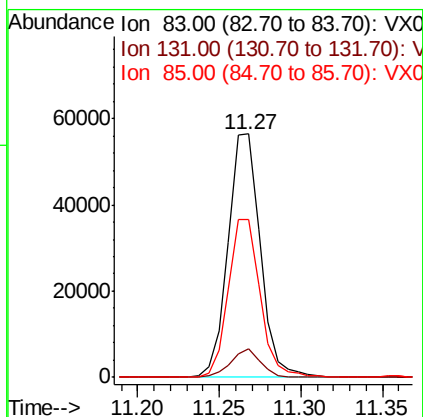
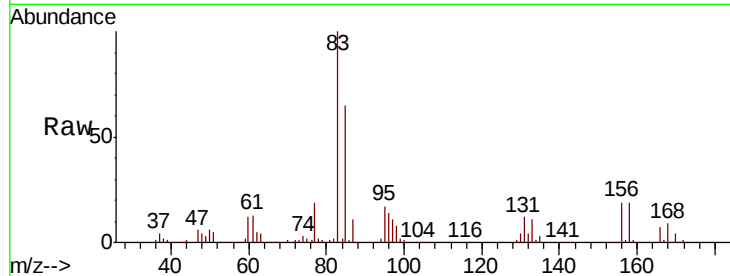




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.053 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

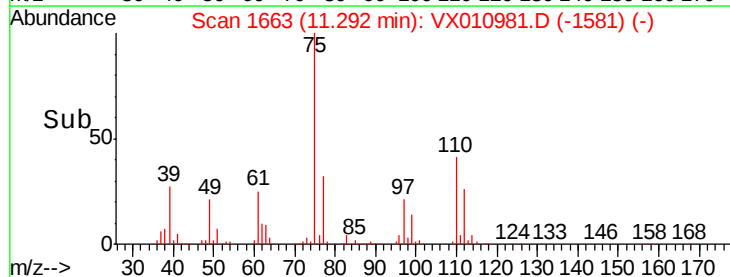
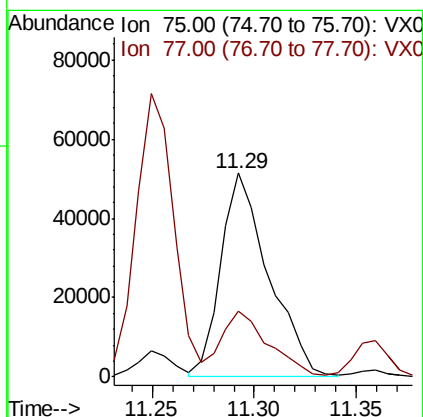
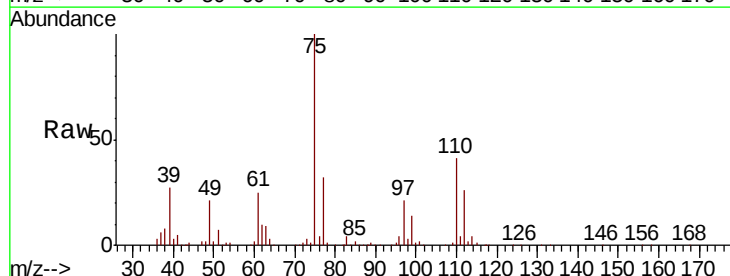
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

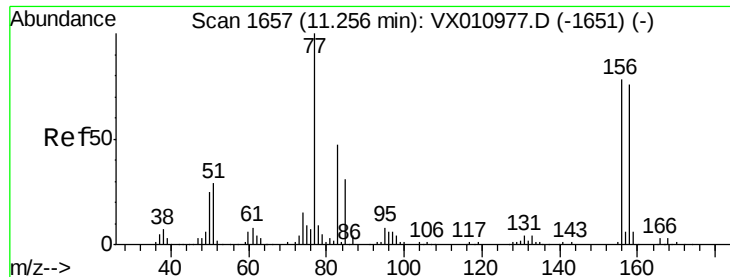
Tot Ion: 83 Resp: 77746
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.4
 85 64.2 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 25.870 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion: 75 Resp: 83719
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 84.0





#73

Bromobenzene

Concen: 20.403 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

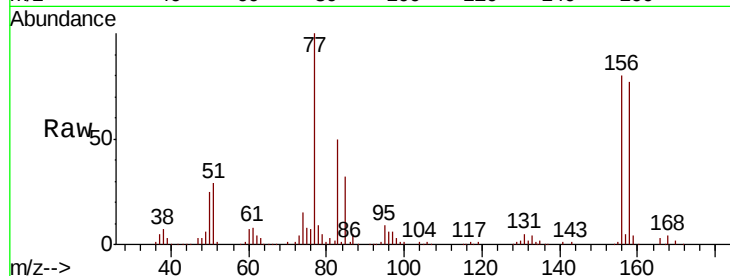
Tot Ion:156 Resp: 66191

Ion Ratio Lower Upper

156 100

77 138.4 0.0 275.8

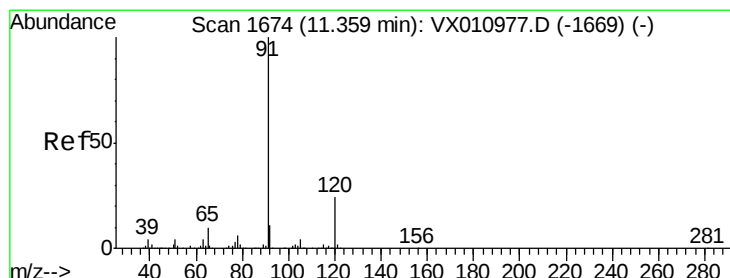
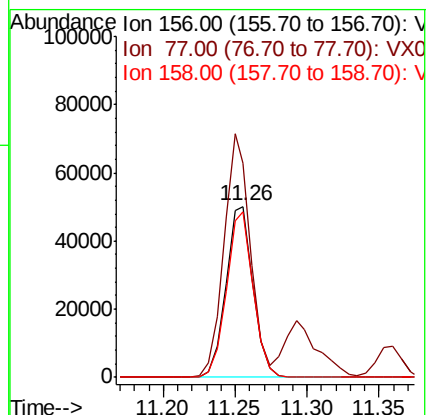
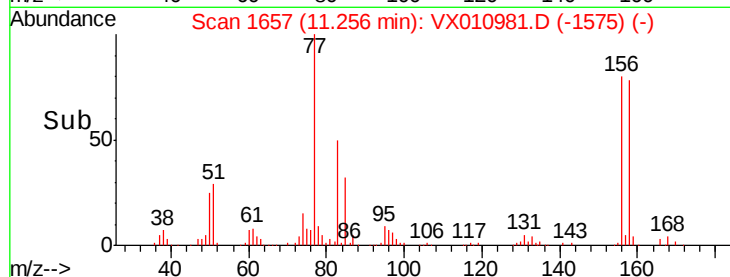
158 95.9 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.067 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010981.D

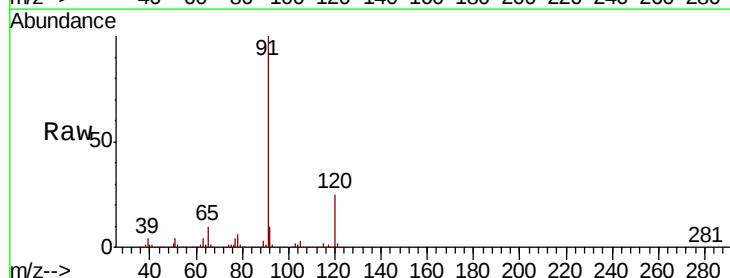
Acq: 19 Jul 2019 00:18

Tgt Ion: 91 Resp: 271563

Ion Ratio Lower Upper

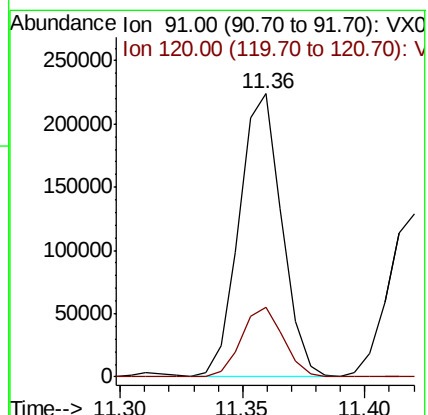
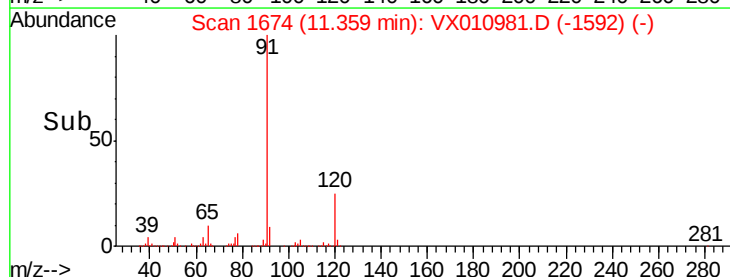
91 100

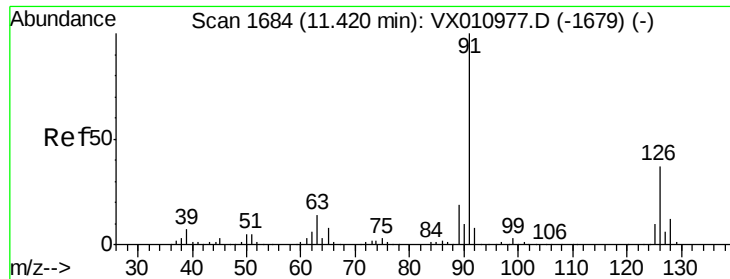
120 24.2 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.105 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

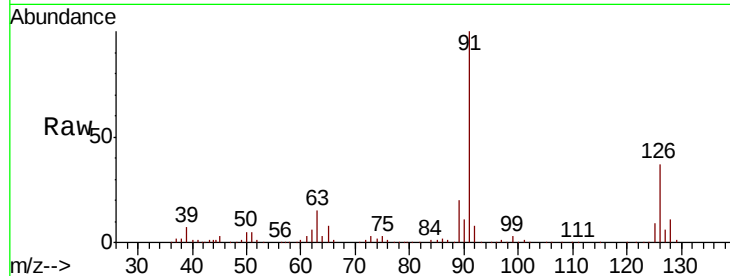
ICVFN071919

Tot Ion: 91 Resp: 162041

Ion Ratio Lower Upper

91 100

126 36.1 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX010977.D (-1679) (-)

250000

200000

150000

100000

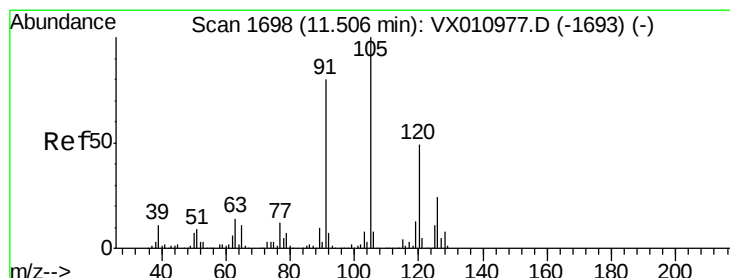
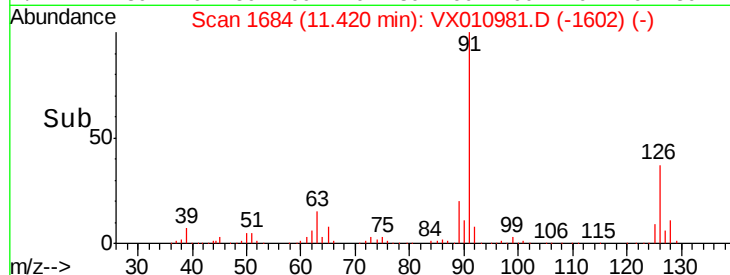
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.128 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010981.D

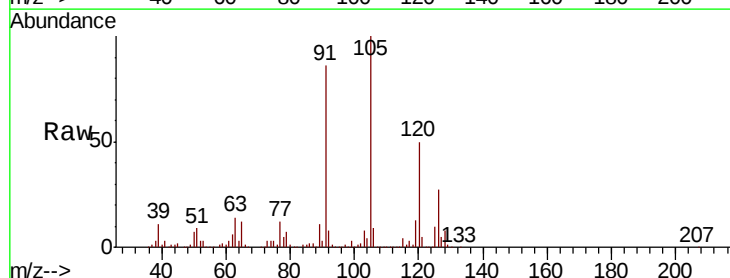
Acq: 19 Jul 2019 00:18

Tgt Ion:105 Resp: 204857

Ion Ratio Lower Upper

105 100

120 49.3 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX010977.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX010977.D (-1693) (-)

200000

150000

100000

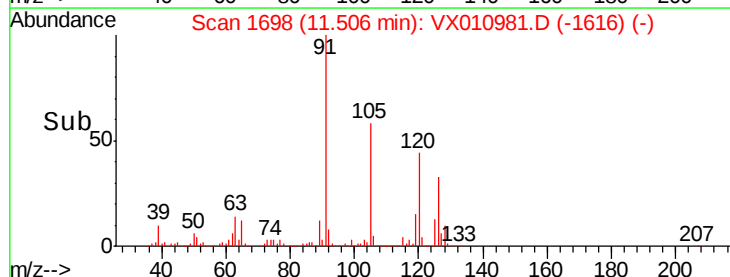
50000

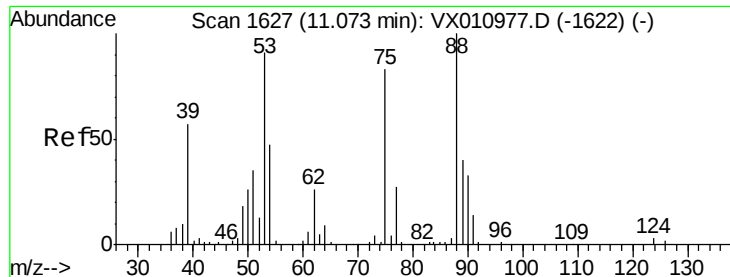
0

11.51

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.939 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVN071919

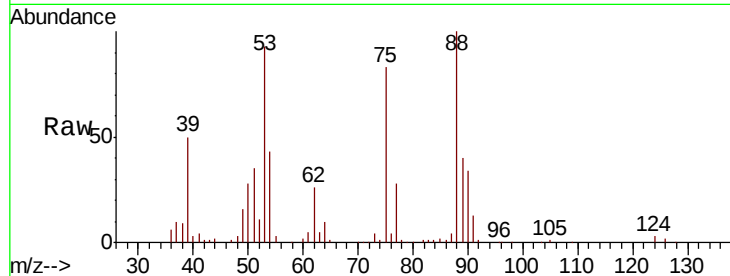
Tot Ion: 75 Resp: 19154

Ion Ratio Lower Upper

75 100

53 111.0 54.8 164.3

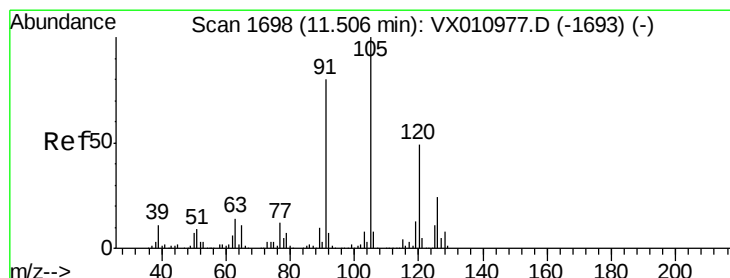
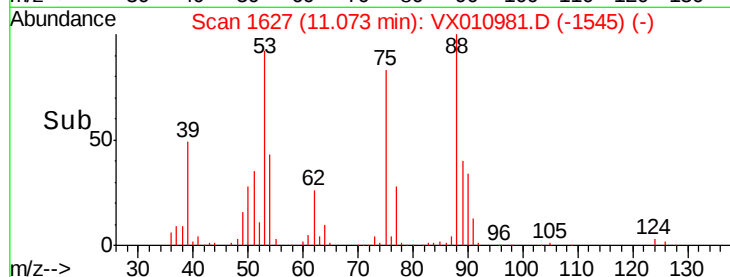
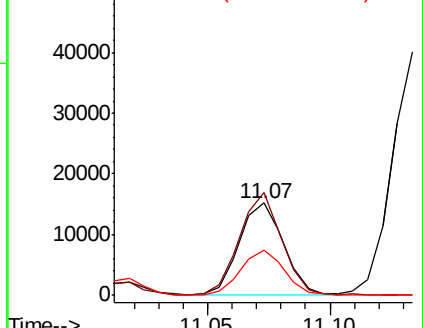
89 48.5 24.6 73.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.281 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010981.D

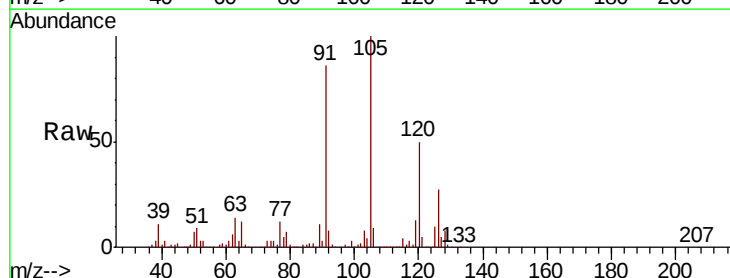
Acq: 19 Jul 2019 00:18

Tgt Ion: 91 Resp: 187726

Ion Ratio Lower Upper

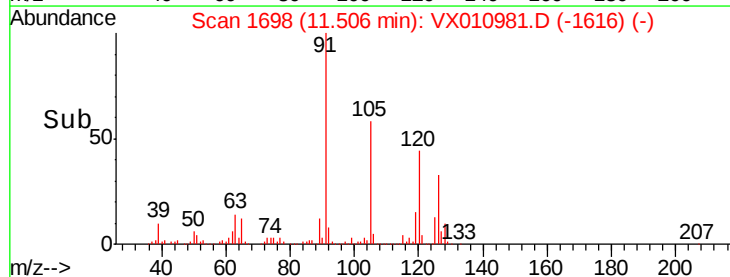
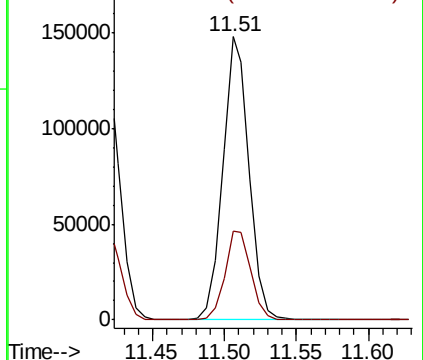
91 100

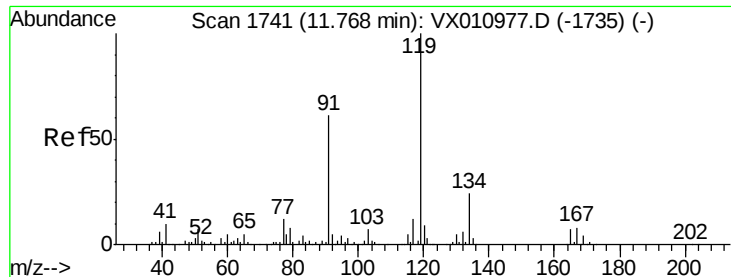
126 31.5 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

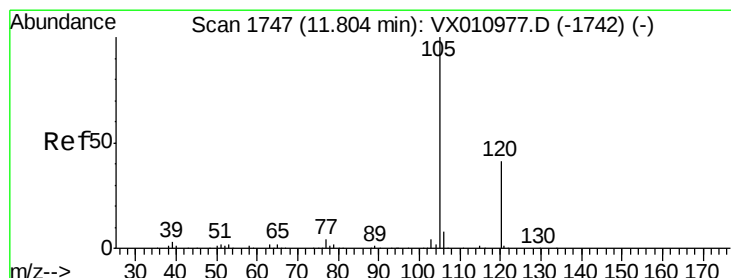
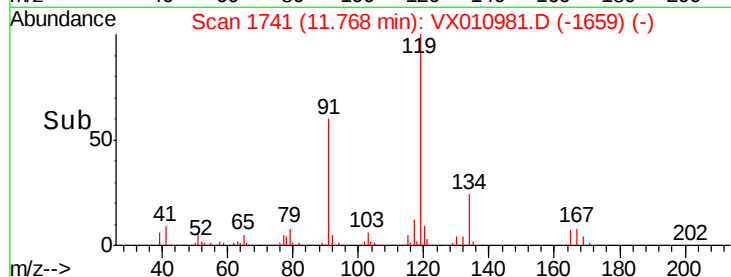
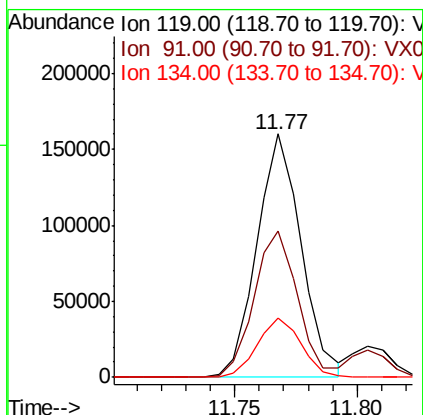
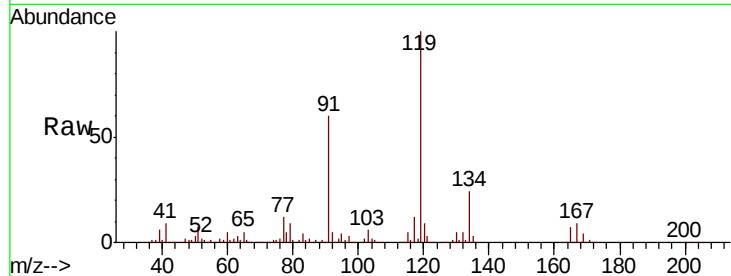




#79
tert-butylbenzene
Concen: 20.363 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

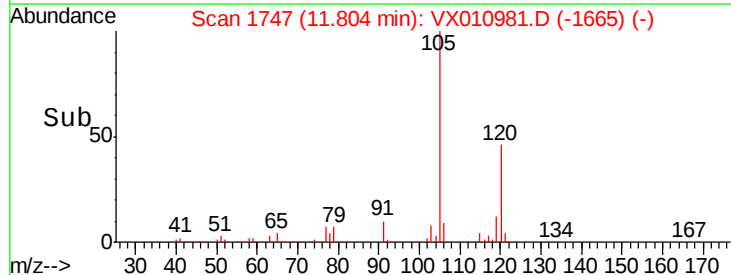
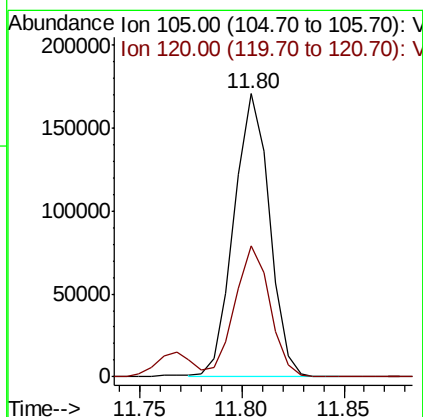
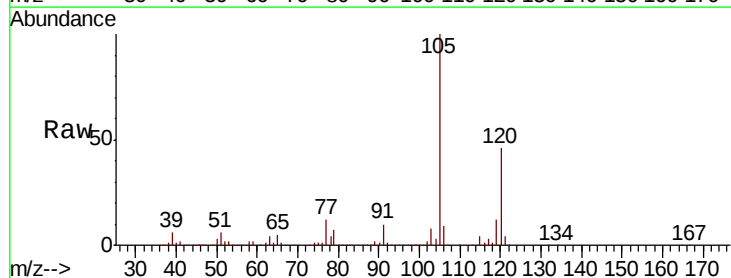
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

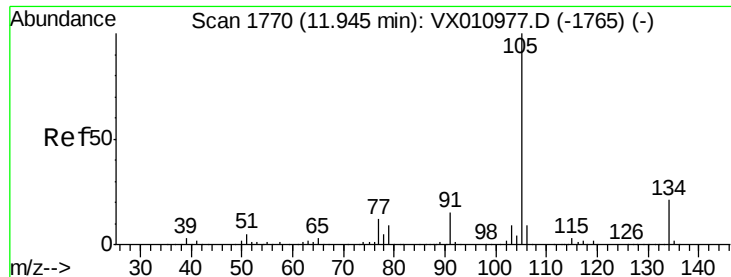
Tot Ion:119 Resp: 201024
Ion Ratio Lower Upper
119 100
91 59.8 0.0 118.4
134 24.2 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 20.143 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion:105 Resp: 206442
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.6





#81

sec-Butylbenzene

Concen: 20.429 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

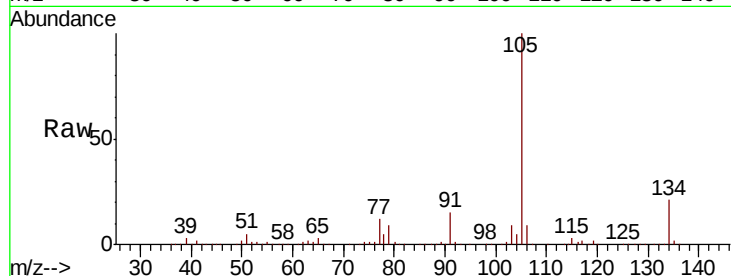
ICVVN071919

Tot Ion:105 Resp: 237727

Ion Ratio Lower Upper

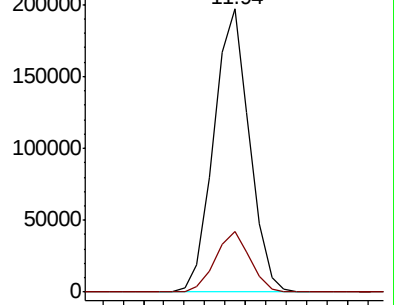
105 100

134 21.0 0.0 41.8

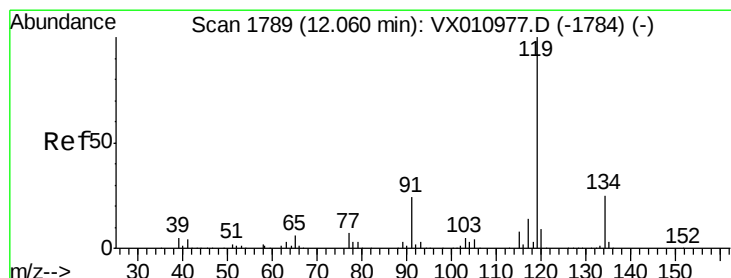
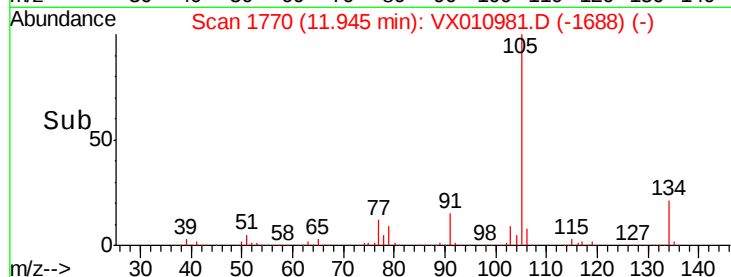


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#82

p-Isopropyltoluene

Concen: 20.212 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010981.D

Acq: 19 Jul 2019 00:18

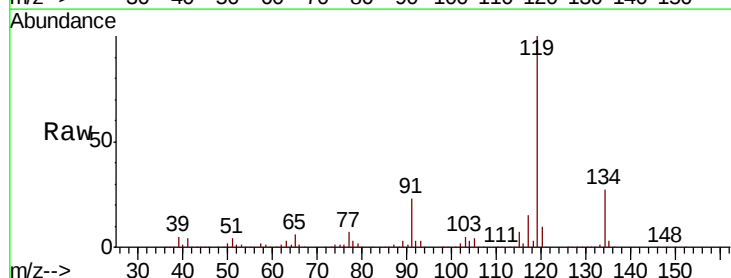
Tgt Ion:119 Resp: 218257

Ion Ratio Lower Upper

119 100

134 27.1 0.0 52.8

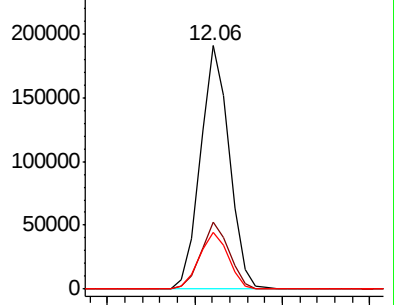
91 23.7 0.0 47.0



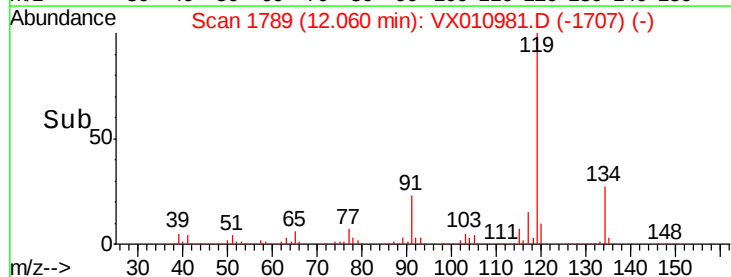
Abundance Ion 119.00 (118.70 to 119.70): V

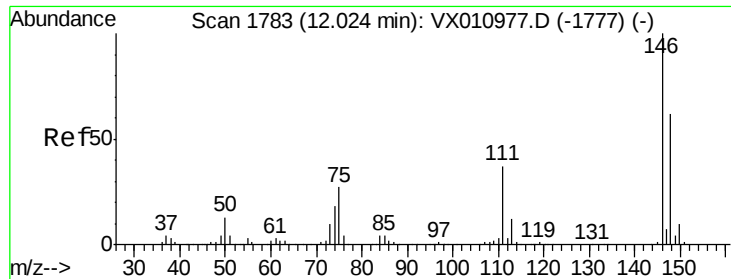
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

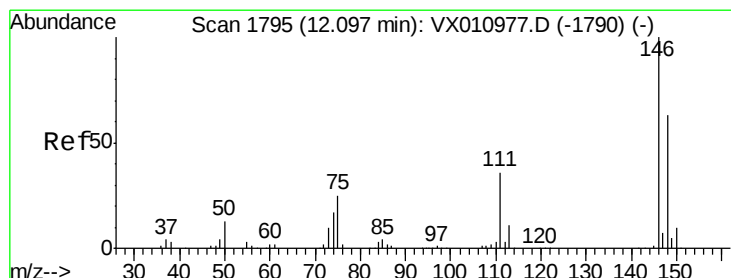
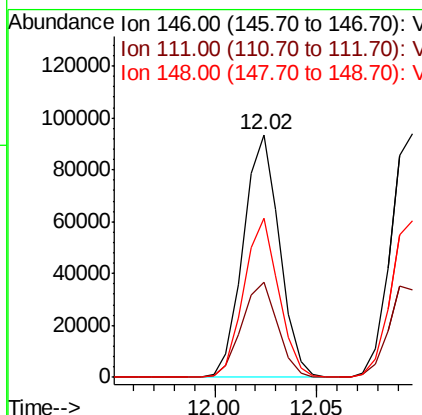
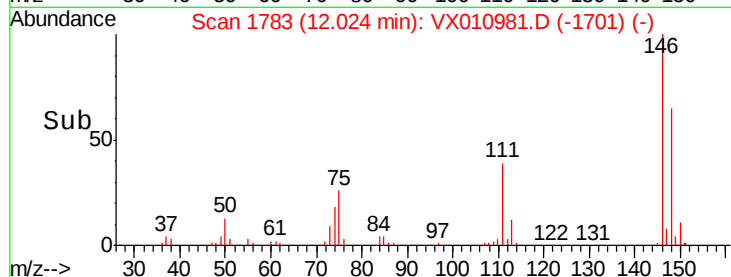
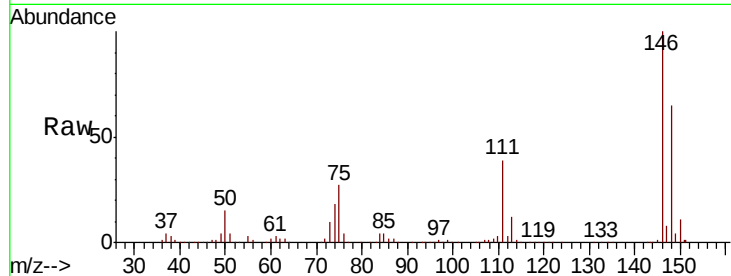




#83
 1,3-Dichlorobenzene
 Concen: 20.121 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

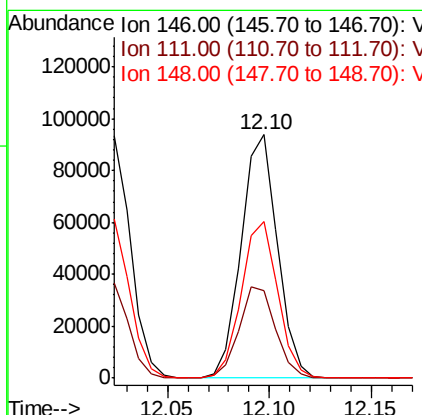
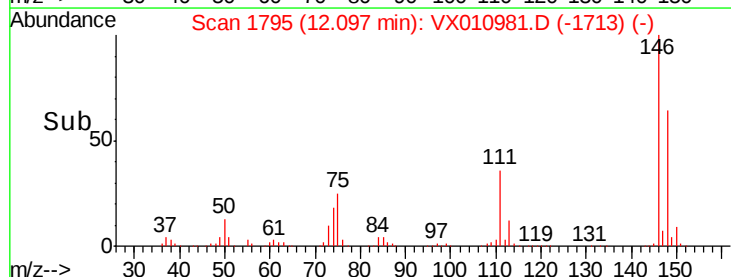
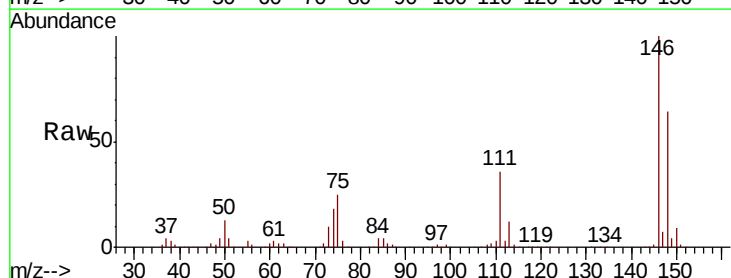
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

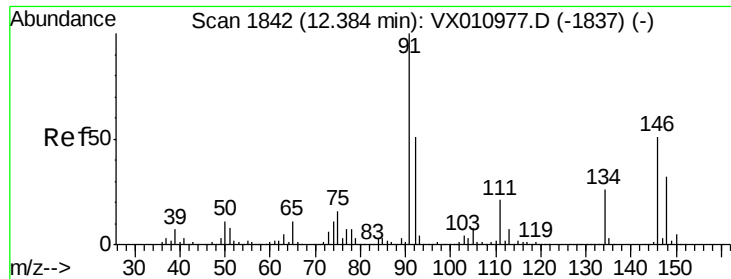
Tot Ion:146 Resp: 115238
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.9 56.9
 148 63.1 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 20.403 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion:146 Resp: 116142
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.5 55.5
 148 64.0 32.0 96.0

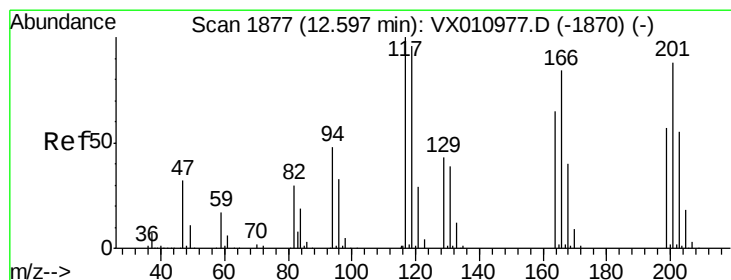
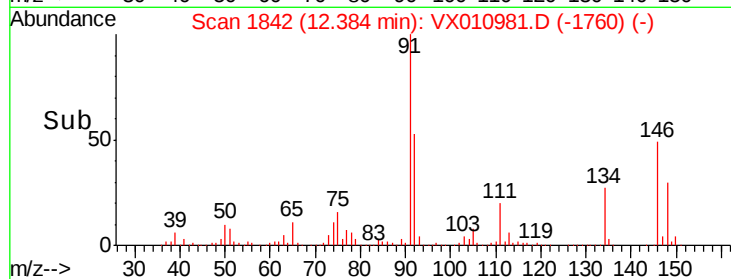
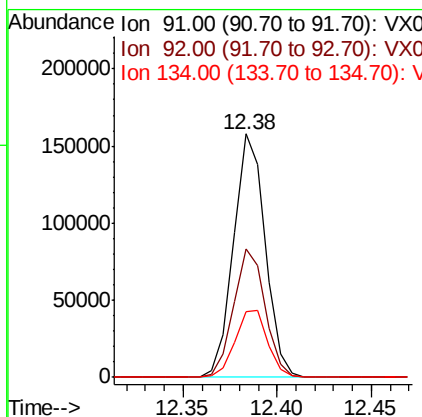
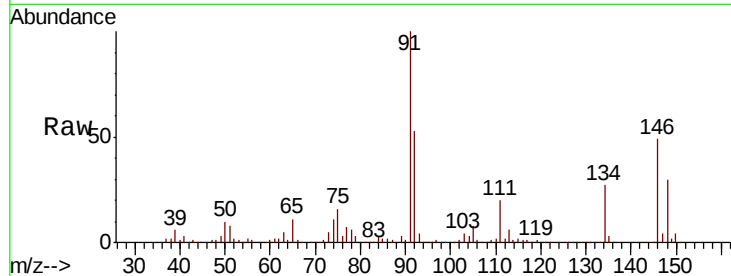




#85
n-Butylbenzene
Concen: 19.921 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

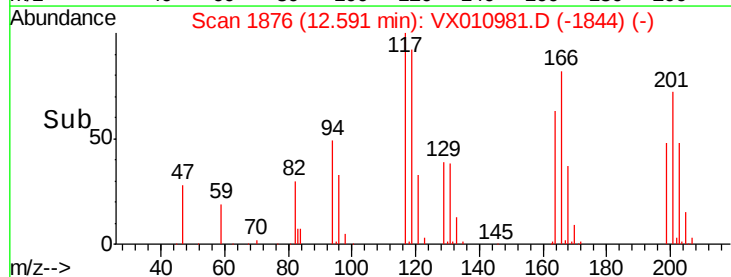
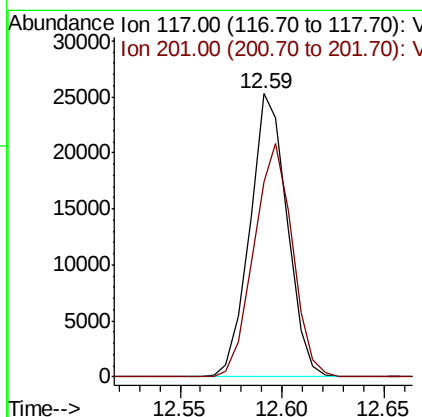
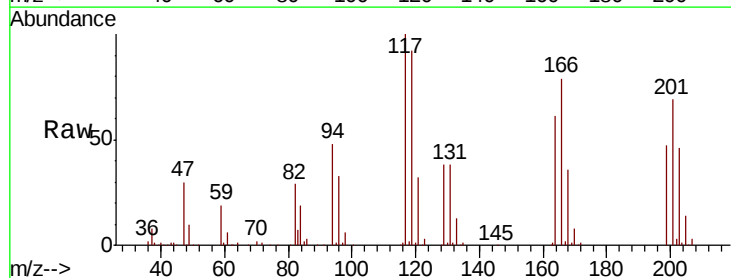
Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

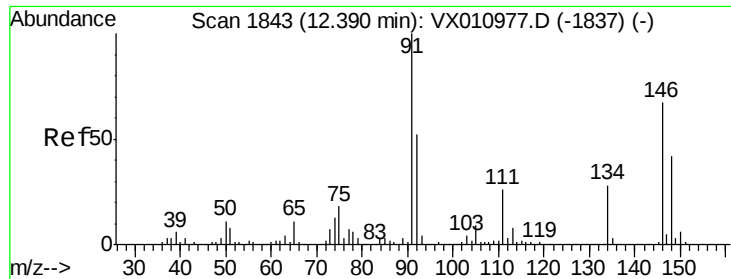
Tot Ion: 91 Resp: 183172
Ion Ratio Lower Upper
91 100
92 52.7 0.0 103.6
134 28.4 0.0 54.2



#86
Hexachloroethane
Concen: 18.886 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion: 117 Resp: 32163
Ion Ratio Lower Upper
117 100
201 84.9 42.1 126.3

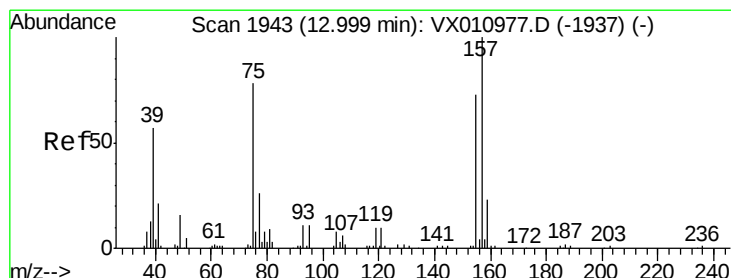
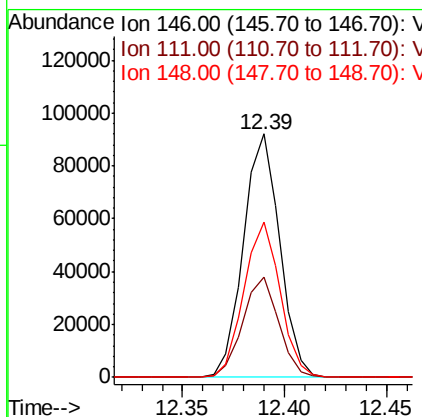
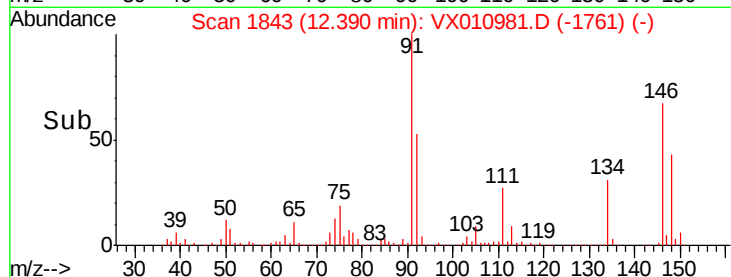
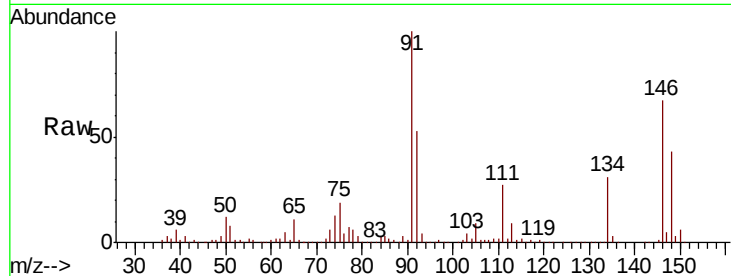




#87
 1,2-Dichlorobenzene
 Concen: 20.337 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

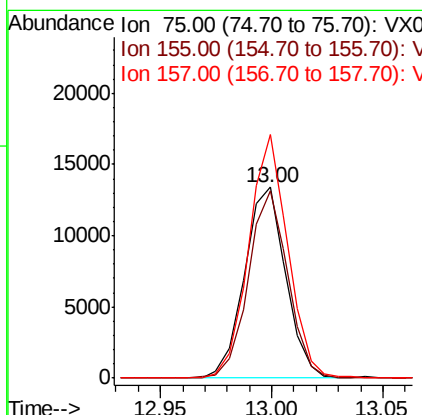
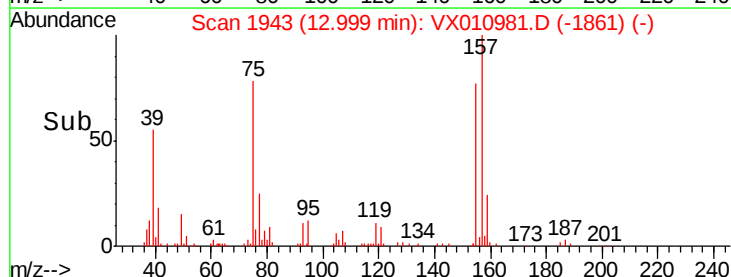
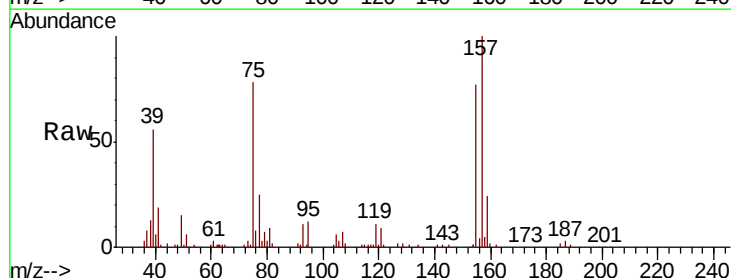
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

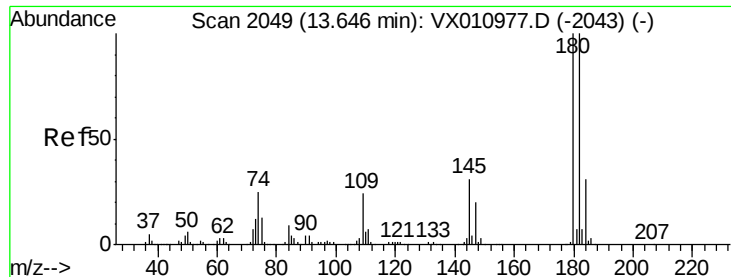
Tot Ion:146 Resp: 114035
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.5 58.5
 148 63.4 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.265 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion: 75 Resp: 17297
 Ion Ratio Lower Upper
 75 100
 155 93.8 76.6 115.0
 157 120.4 101.0 151.4

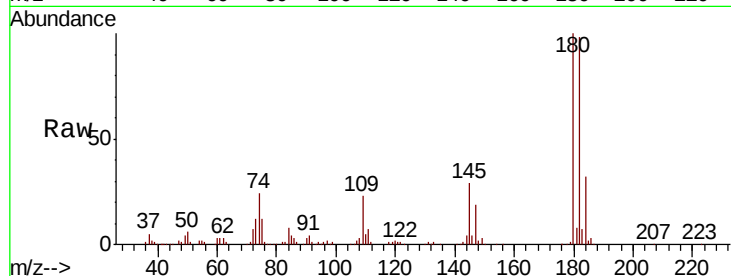




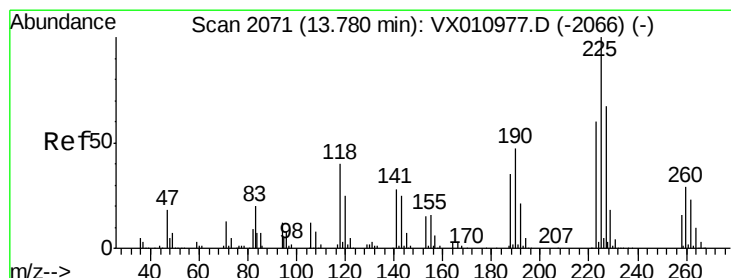
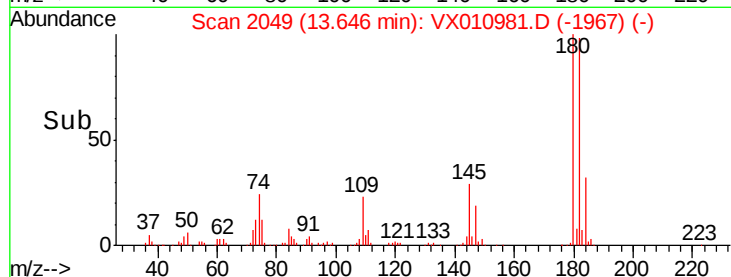
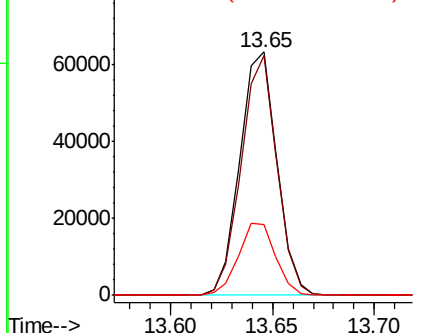
#89
 1,2,4-Trichlorobenzene
 Concen: 20.742 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVN071919

Tot Ion:180 Resp: 80224
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.6 116.4
 145 29.7 23.8 35.6

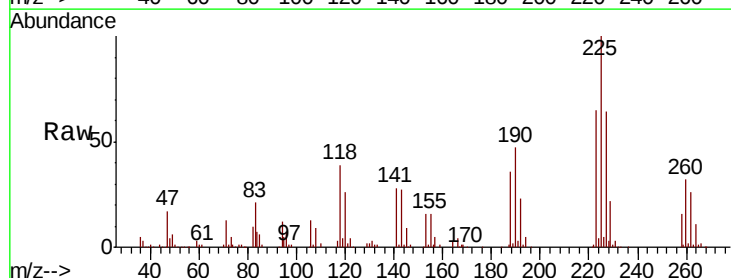


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

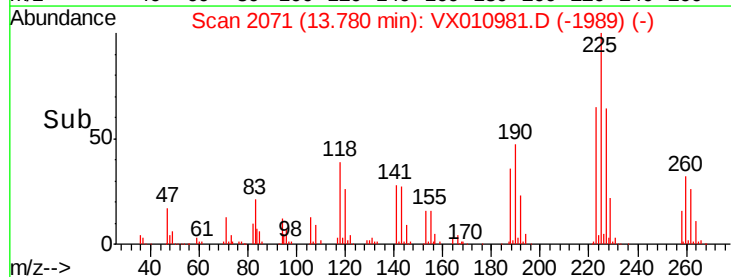
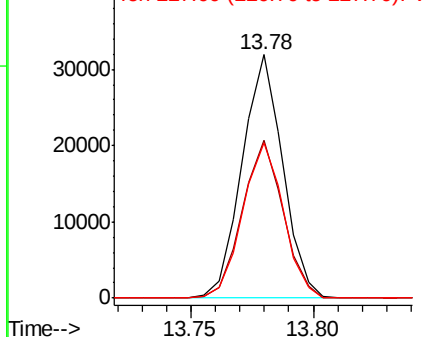


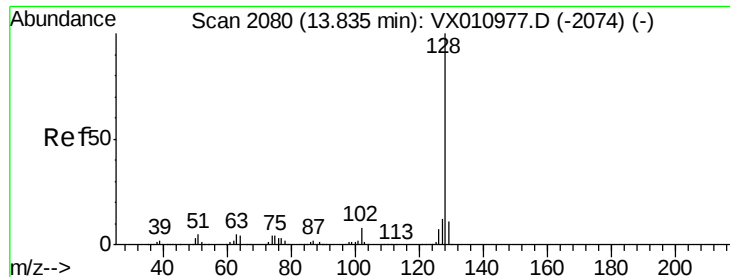
#90
 Hexachlorobutadiene
 Concen: 19.739 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010981.D
 Acq: 19 Jul 2019 00:18

Tgt Ion:225 Resp: 36912
 Ion Ratio Lower Upper
 225 100
 223 64.8 0.0 121.4
 227 63.9 0.0 126.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

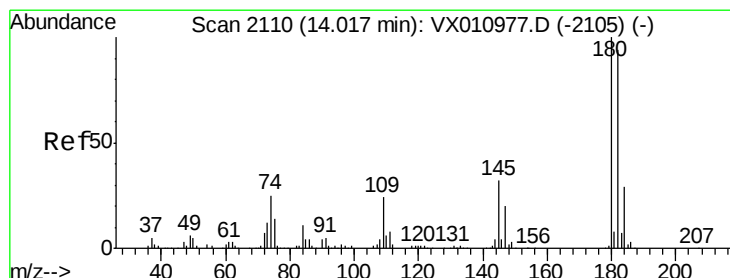
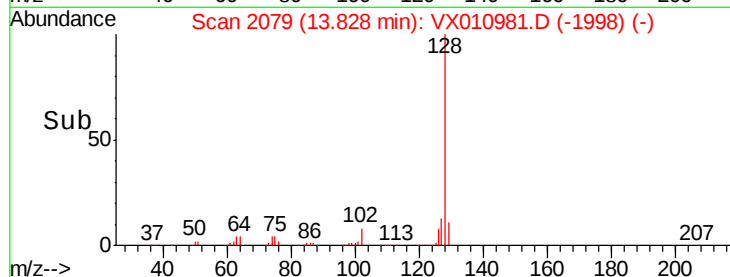
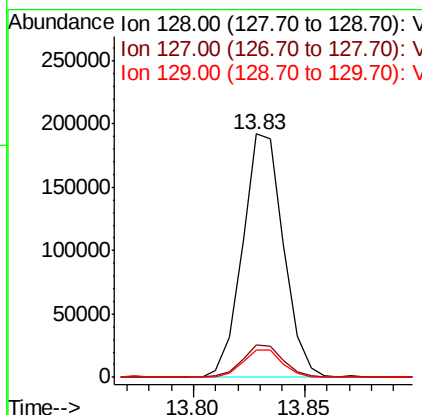
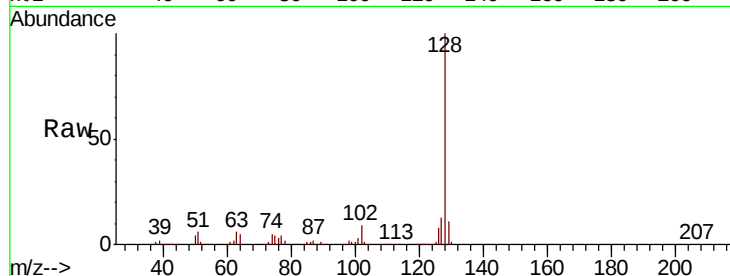




#91
Naphthalene
Concen: 20.875 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVN071919

Tot Ion:128 Resp: 246347
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.1 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 21.053 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010981.D
Acq: 19 Jul 2019 00:18

Tgt Ion:180 Resp: 81611
Ion Ratio Lower Upper
180 100
182 97.1 0.0 190.2
145 31.7 0.0 63.8

