

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015276.D
 Acq On : 13 Mar 2020 22:52
 Operator : JC/SP
 Sample : VX0313WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Quant Time: Mar 16 08:30:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	53116	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	285950	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	269969	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	105615	29.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.27%
60) 4-Bromofluorobenzene	11.13	95	128411	29.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.60%
63) Toluene-d8	8.71	98	348032	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	43824	16.406	ug/l 99
3) Chloromethane	1.32	50	63235	16.396	ug/l 94
4) Vinyl Chloride	1.40	62	62681	15.971	ug/l 99
5) Bromomethane	1.64	94	41905	16.389	ug/l 98
6) Chloroethane	1.72	64	39763	16.131	ug/l 95
7) Trichlorofluoromethane	1.93	101	78498	15.689	ug/l 99
8) Diethyl Ether	2.18	74	37334	16.835	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51031	16.631	ug/l 98
10) 1,1-Dichloroethene	2.37	96	51681	16.706	ug/l 96
11) Methyl Iodide	2.50	142	49224	15.470	ug/l 99
12) Methyl Acetate	2.76	43	72428	18.979	ug/l 97
13) Acrolein	2.29	56	42458	70.453	ug/l 98
14) Acrylonitrile	3.13	53	168319	95.051	ug/l 98
15) Acetone	2.44	58	41498	79.867	ug/l 97
16) Carbon Disulfide	2.56	76	150143	17.332	ug/l 99
17) Allyl chloride	2.72	41	101105	17.617	ug/l 96
18) Methylene Chloride	2.85	84	64423	18.427	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	62529	18.739	ug/l 98
20) Diisopropyl ether	3.85	45	216204	18.964	ug/l 93
21) 1,1-Dichloroethane	3.69	63	114135	18.894	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	67935	18.011	ug/l 96
23) tert-Butyl Alcohol	3.03	59	63151	91.214	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	179585	17.967	ug/l 99
25) Chloroform	5.20	83	109882	19.122	ug/l 97
26) Cyclohexane	5.58	56	100904	17.975	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	82623	18.829	ug/l 97
30) 2-Butanone	4.66	43	221156	94.113	ug/l 99
31) 2,2-Dichloropropane	4.58	77	68569	15.211	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	88525	18.539	ug/l 98
33) Carbon Tetrachloride	5.78	117	74698	18.280	ug/l 100
34) Benzene	6.14	78	261635	19.677	ug/l 98
35) Methacrylonitrile	5.03	41	50830	20.007	ug/l 98
36) 1,2-Dichloroethane	6.18	62	86515	19.506	ug/l 99
37) Trichloroethene	7.21	130	72029	19.587	ug/l 98
38) Methylcyclohexane	7.46	83	99043	18.577	ug/l 100
39) 1,2-Dichloropropane	7.51	63	68521	19.949	ug/l 97
40) Dibromomethane	7.65	93	43211	19.793	ug/l 99

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 VX0313WBSD02

Quant Time: Mar 16 08:30:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	83478	19.333	ug/l	92
42) Vinyl Acetate	3.81	43	890271	96.070	ug/l	100
43) Ethyl Acetate	4.82	43	89827	20.147	ug/l	96
44) Isopropyl Acetate	6.43	43	143447	19.021	ug/l	99
45) 1,4-Dioxane	7.74	88	31207	421.330	ug/l	97
46) Methyl methacrylate	7.76	41	70166	18.869	ug/l	99
47) n-amyl Acetate	10.89	43	119633	17.679	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	87813	18.703	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	95720	17.952	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	64307	19.921	ug/l	97
51) Ethyl methacrylate	9.17	69	95518	18.963	ug/l	98
52) 1,3-Dichloropropane	9.37	76	111226	20.358	ug/l	100
53) Dibromochloromethane	9.57	129	66200	19.256	ug/l	95
54) 1,2-Dibromoethane	9.67	107	67040	20.132	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	258871	102.616	ug/l	99
56) Bromoform	10.85	173	50294	18.659	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	449292	97.755	ug/l	100
59) 2-Hexanone	9.48	43	333311	95.949	ug/l	100
61) Tetrachloroethene	9.33	164	72032	19.167	ug/l	97
62) Toluene	8.78	91	278030	19.461	ug/l	99
64) Chlorobenzene	10.14	112	174087	19.071	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	63374	18.849	ug/l	99
66) Ethyl Benzene	10.25	91	299307	18.807	ug/l	99
67) m/p-Xylenes	10.35	106	230918	37.800	ug/l	99
68) o-Xylene	10.70	106	109991	18.779	ug/l	98
69) Styrene	10.71	104	190504	18.689	ug/l	99
70) Isopropylbenzene	11.01	105	292246	18.747	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	97439	19.255	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	109111	26.342	ug/l	82
73) Bromobenzene	11.25	156	79386	18.672	ug/l	99
74) n-propylbenzene	11.35	91	343970	18.677	ug/l	99
75) 2-Chlorotoluene	11.42	91	174245	16.204	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	213471	16.041	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	27566	15.890	ug/l	97
78) 4-Chlorotoluene	11.51	91	201698	16.292	ug/l	99
79) tert-butylbenzene	11.76	119	211119	16.921	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	223886	17.017	ug/l	100
81) sec-Butylbenzene	11.94	105	267635	17.284	ug/l	99
82) p-Isopropyltoluene	12.06	119	248775	17.471	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	132726	17.668	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	136506	18.167	ug/l	100
85) n-Butylbenzene	12.39	91	229193	18.367	ug/l	100
86) Hexachloroethane	12.59	117	46505	18.657	ug/l	89
87) 1,2-Dichlorobenzene	12.39	146	141217	19.280	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	19397	18.617	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	98239	18.146	ug/l	100
90) Hexachlorobutadiene	13.78	225	48272	17.331	ug/l	99
91) Naphthalene	13.83	128	284272	18.954	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	98922	18.155	ug/l	99

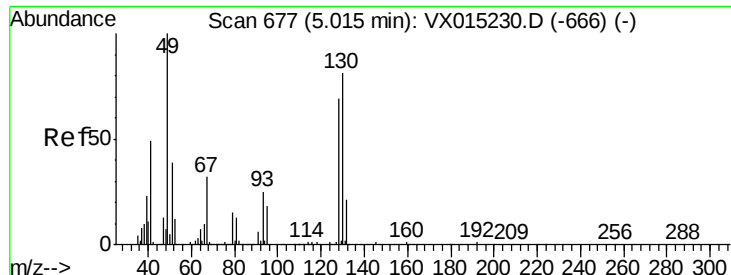
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Quant Time: Mar 16 08:30:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

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: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

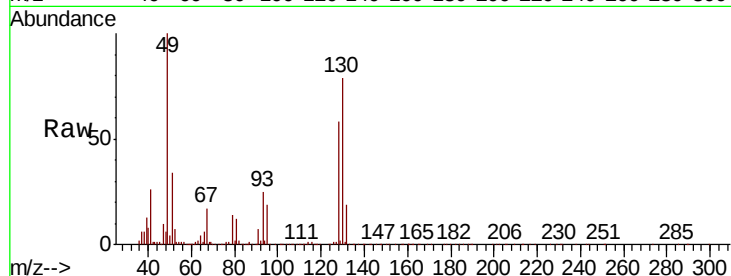
Tot Ion:128 Resp: 53116

Ion Ratio Lower Upper

128 100

49 164.8 0.0 406.8

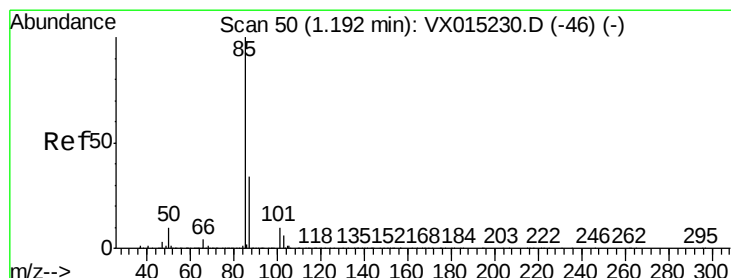
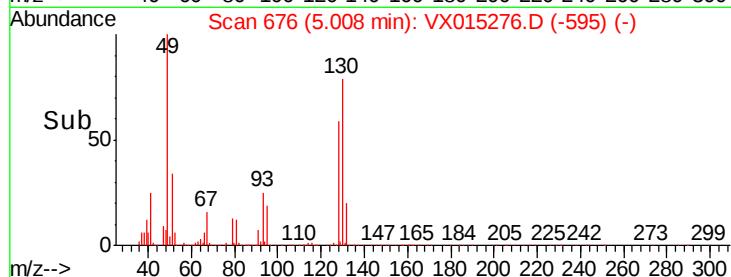
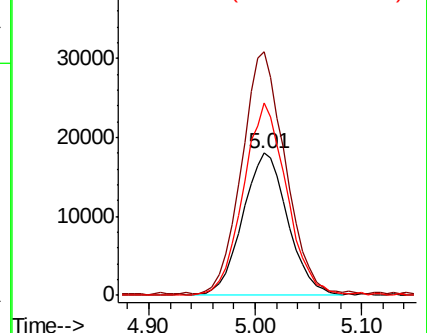
130 131.7 0.0 319.3



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: 16.406 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015276.D

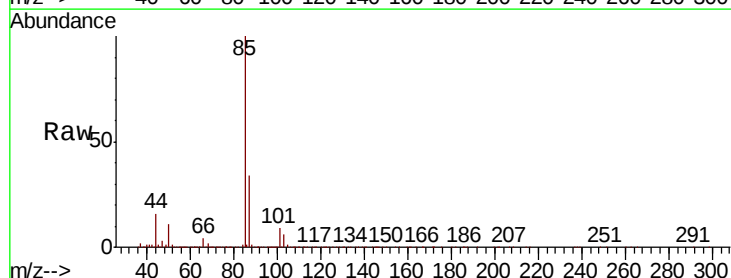
Acq: 13 Mar 2020 22:52

Tgt Ion: 85 Resp: 43824

Ion Ratio Lower Upper

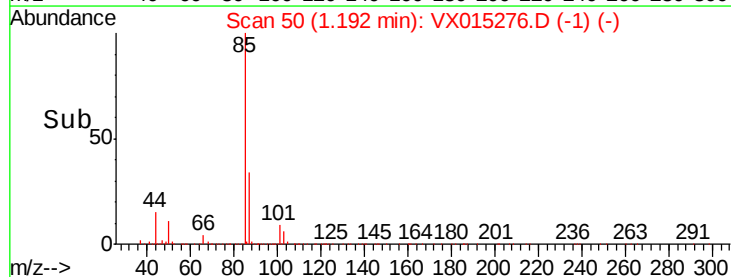
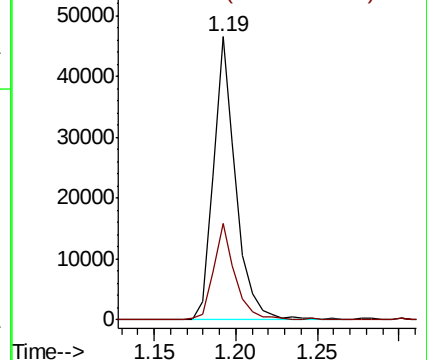
85 100

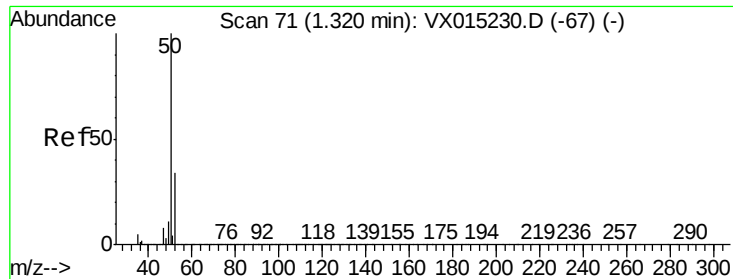
87 33.9 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

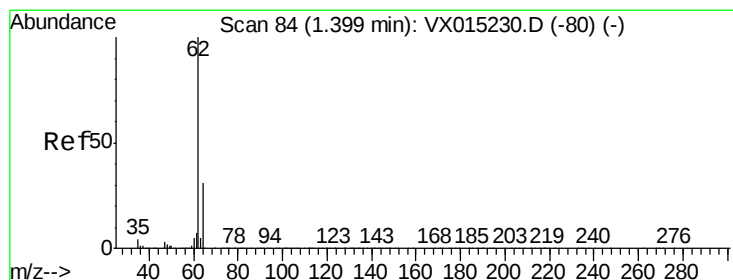
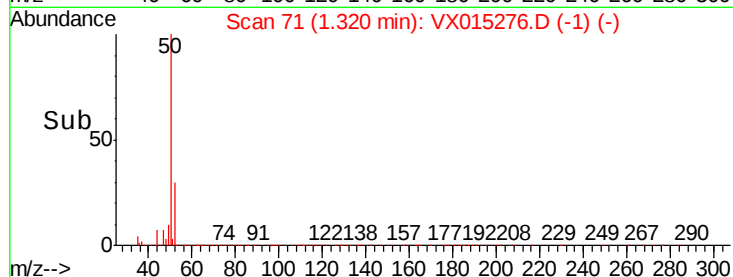
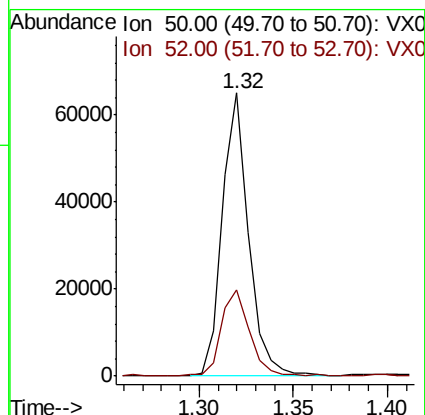
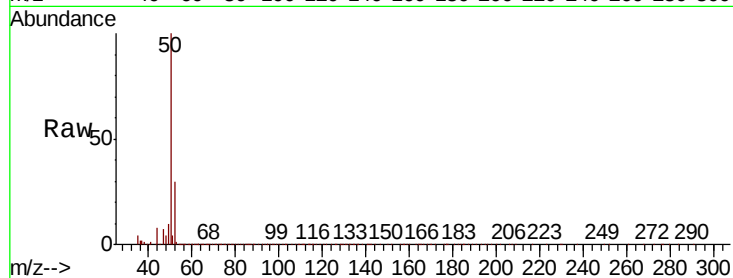




#3
Chloromethane
Concen: 16.396 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

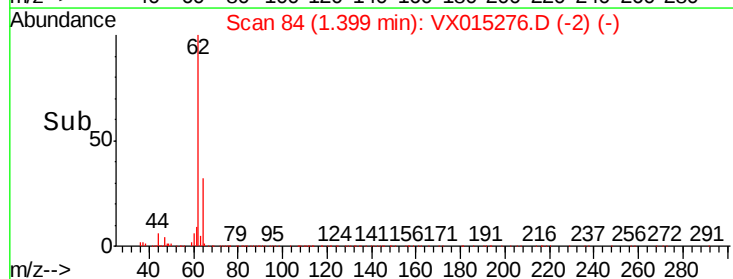
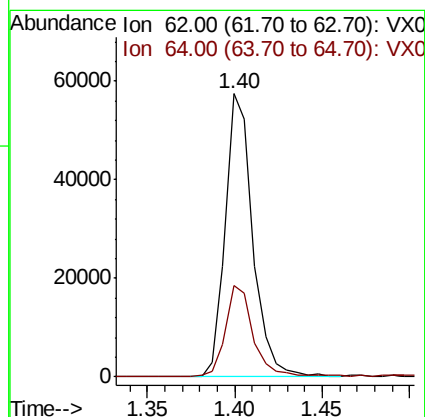
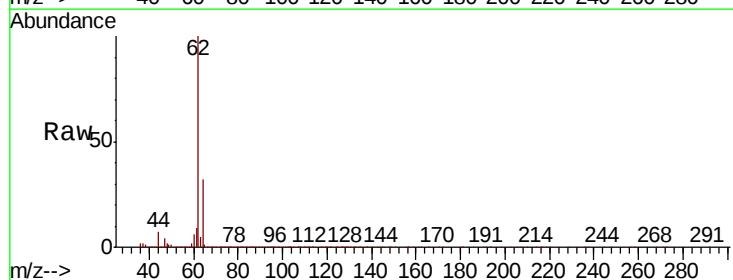
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

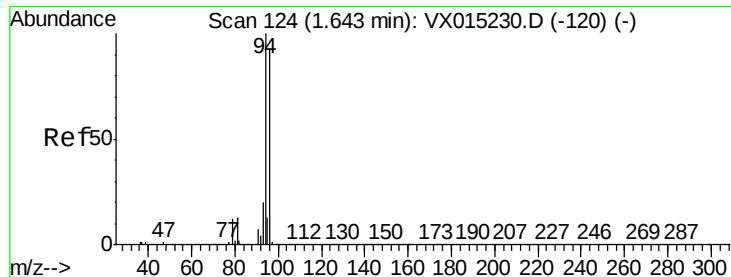
Tot Ion: 50 Resp: 63235
Ion Ratio Lower Upper
50 100
52 30.1 26.9 40.3



#4
Vinyl Chloride
Concen: 15.971 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 62 Resp: 62681
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





#5

Bromomethane

Concen: 16.389 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

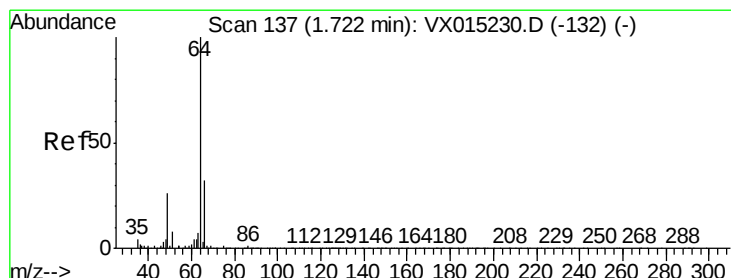
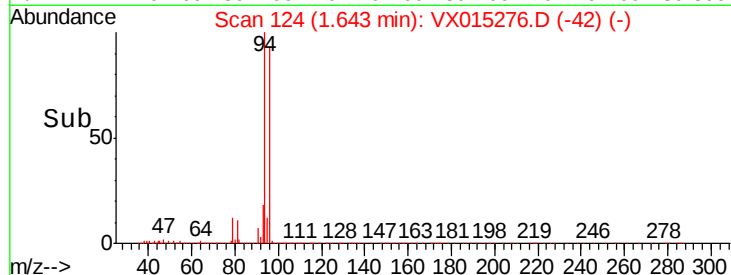
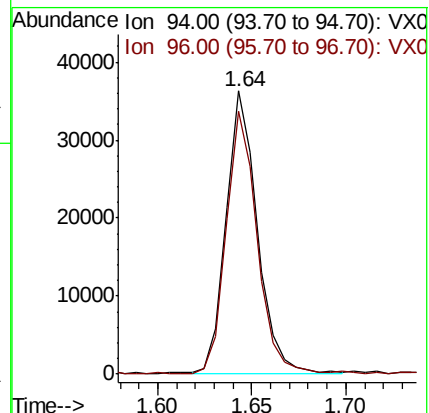
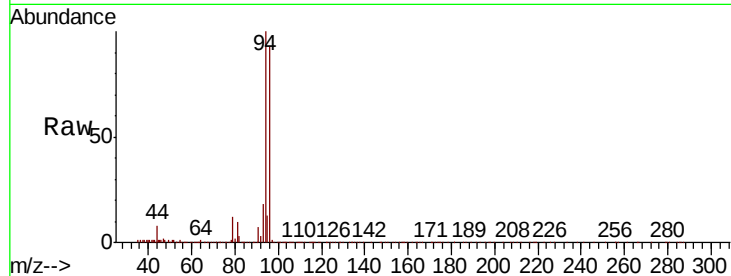
VX0313WBSD02

Tot Ion: 94 Resp: 41905

Ion Ratio Lower Upper

94 100

96 93.0 73.0 109.4



#6

Chloroethane

Concen: 16.131 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015276.D

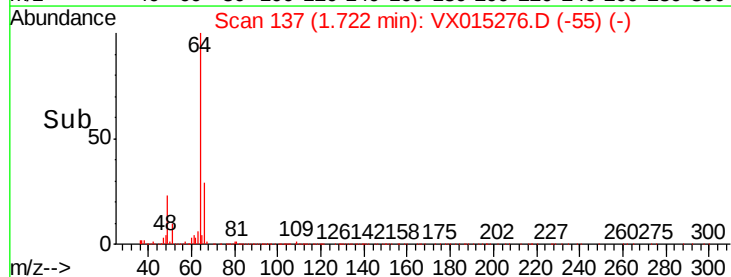
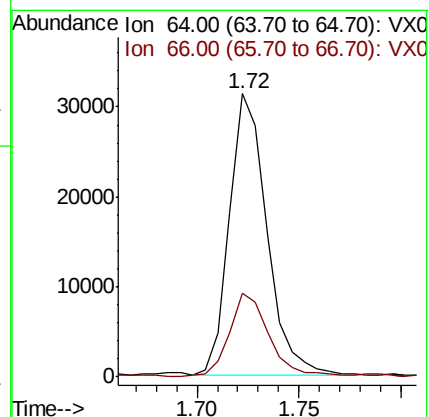
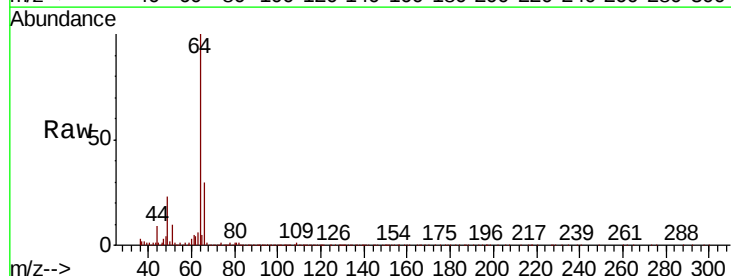
Acq: 13 Mar 2020 22:52

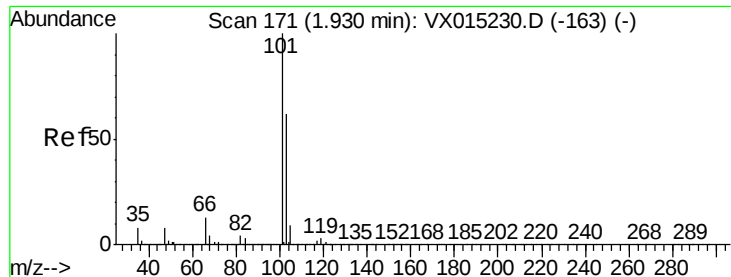
Tgt Ion: 64 Resp: 39763

Ion Ratio Lower Upper

64 100

66 29.3 25.9 38.9



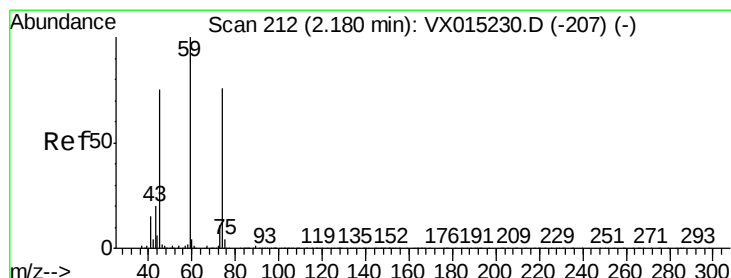
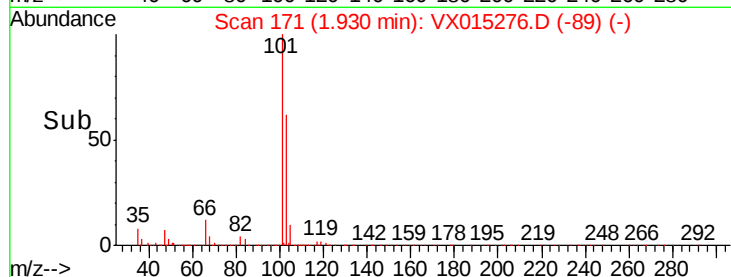
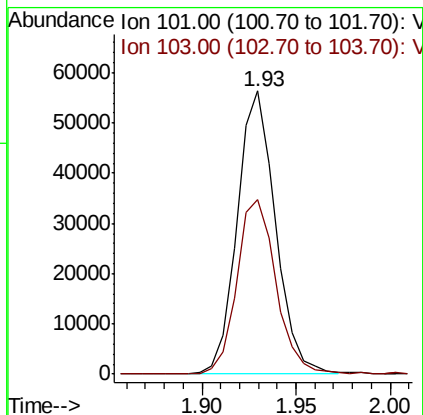
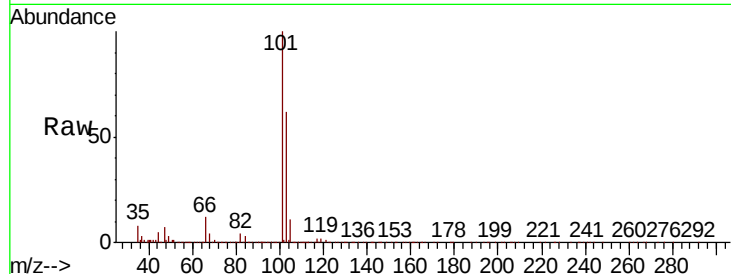


#7

Trichlorofluoromethane
Concen: 15.689 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

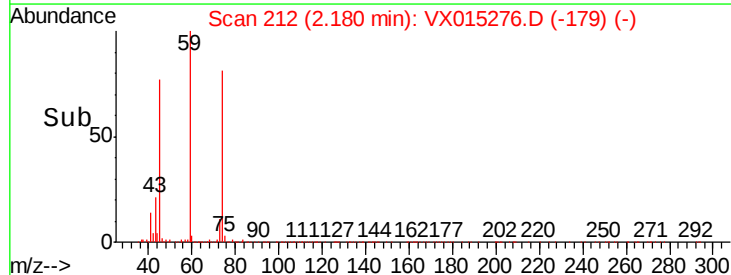
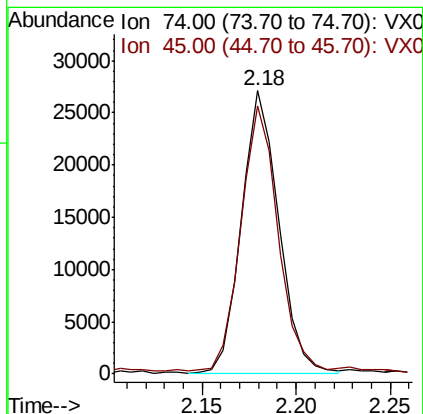
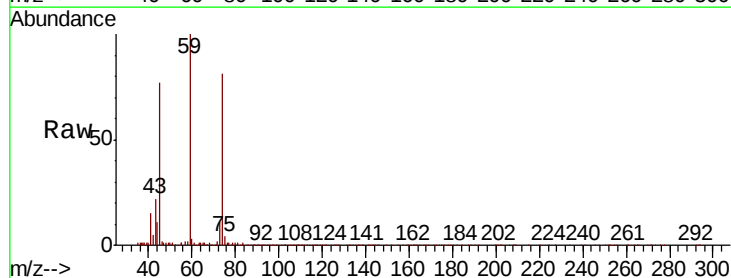
Tot Ion:101 Resp: 78498
Ion Ratio Lower Upper
101 100
103 61.8 49.9 74.9

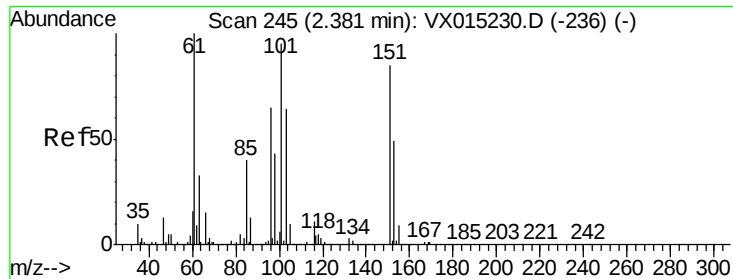


#8

Diethyl Ether
Concen: 16.835 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 74 Resp: 37334
Ion Ratio Lower Upper
74 100
45 93.8 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.631 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

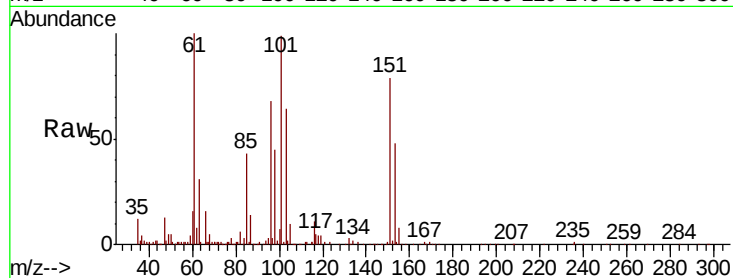
Tot Ion:101 Resp: 51031

Ion Ratio Lower Upper

101 100

85 41.8 0.0 82.0

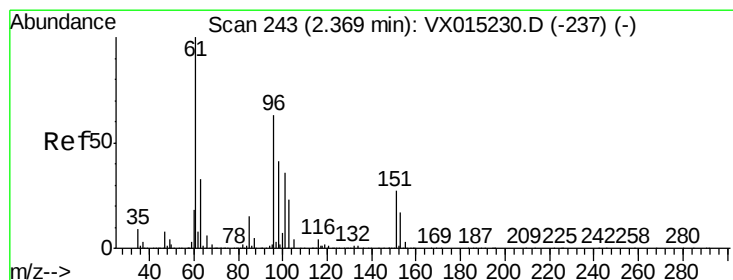
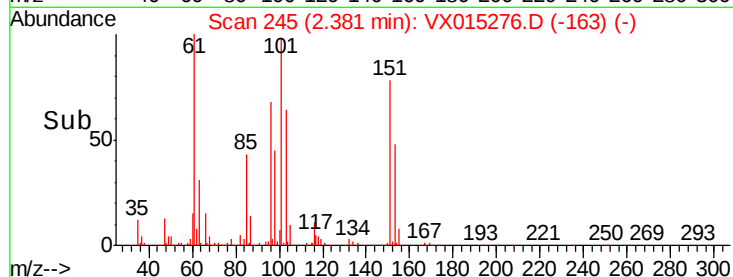
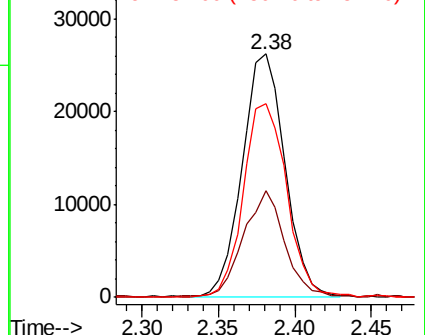
151 81.0 0.0 165.0



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: 16.706 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

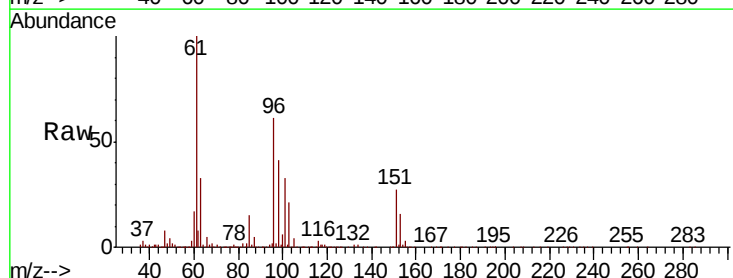
Tgt Ion: 96 Resp: 51681

Ion Ratio Lower Upper

96 100

61 164.3 126.2 189.2

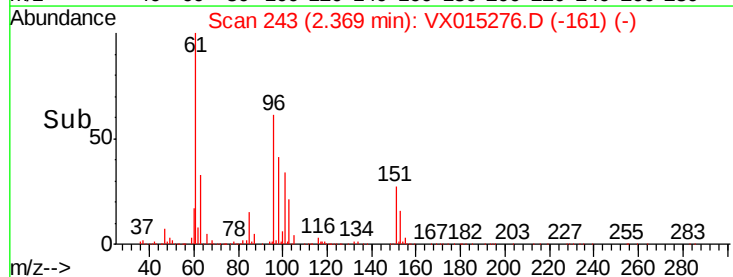
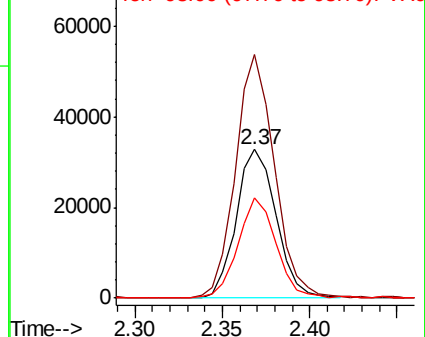
98 67.1 52.1 78.1

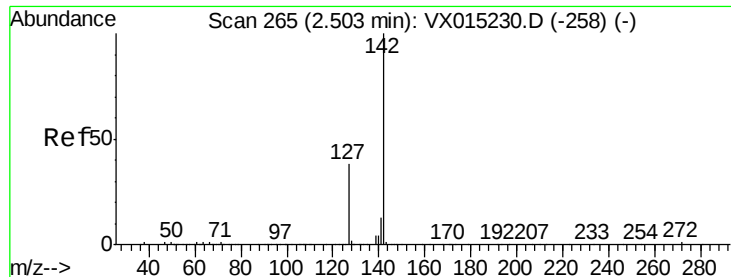


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

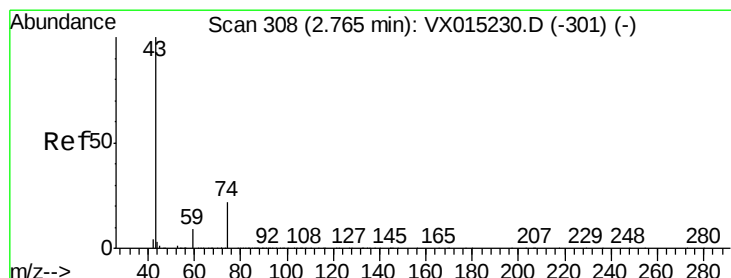
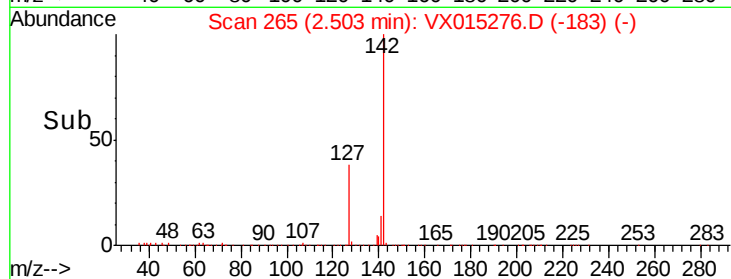
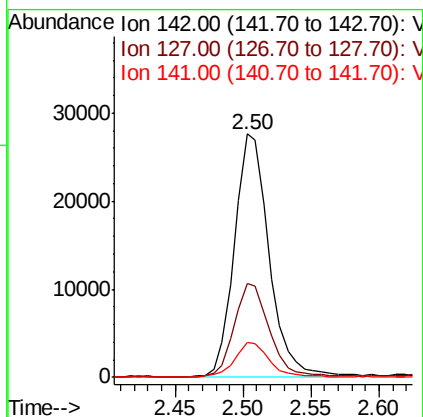
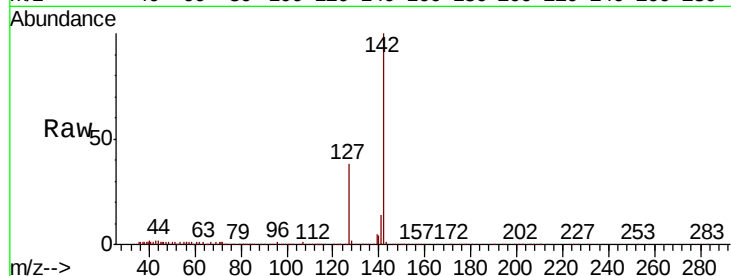




#11
Methvl Iodide
Concen: 15.470 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

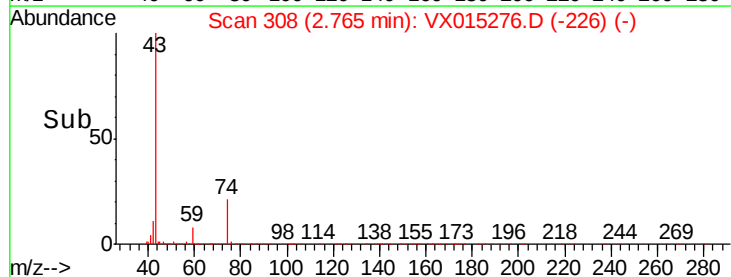
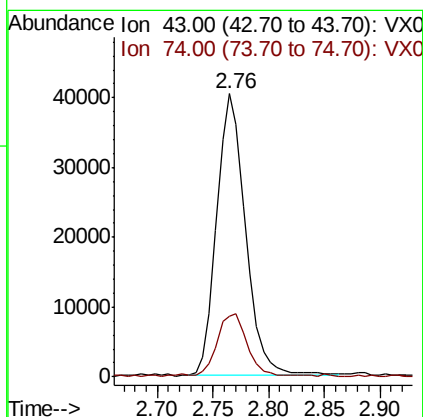
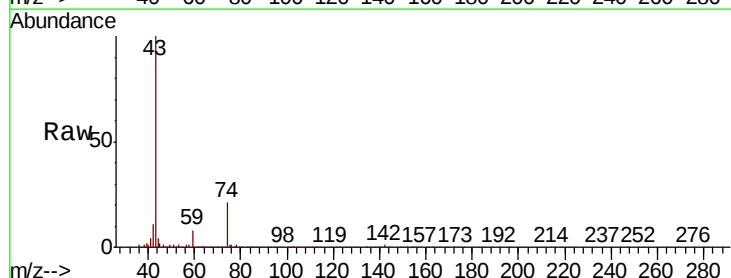
Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD02

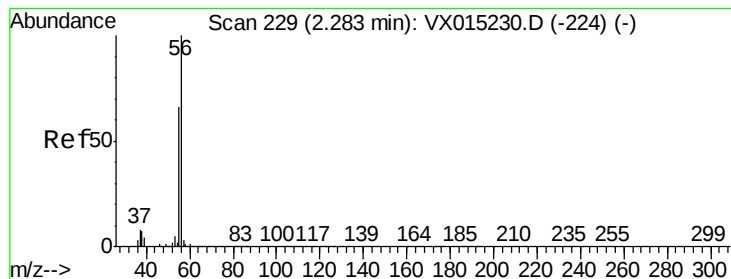
Tot Ion:142 Resp: 49224
Ion Ratio Lower Upper
142 100
127 37.8 18.9 56.9
141 14.3 6.6 19.7



#12
Methyl Acetate
Concen: 18.979 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 43 Resp: 72428
Ion Ratio Lower Upper
43 100
74 21.3 18.0 27.0





#13

Acrolein

Concen: 70.453 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

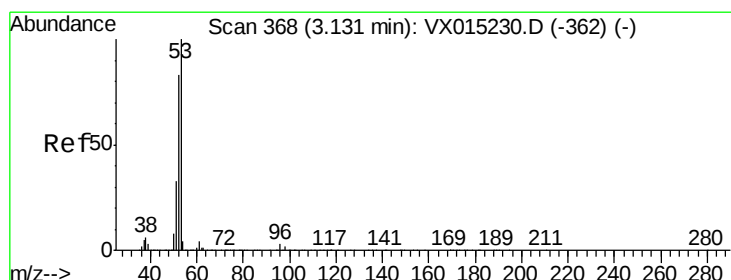
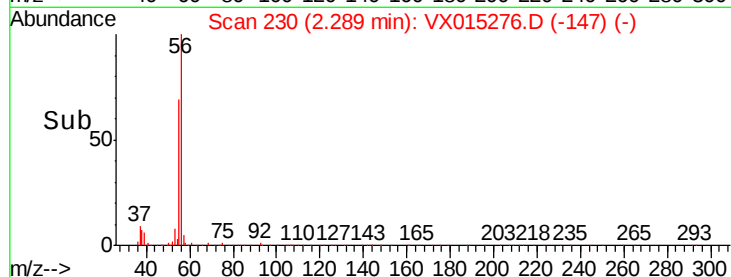
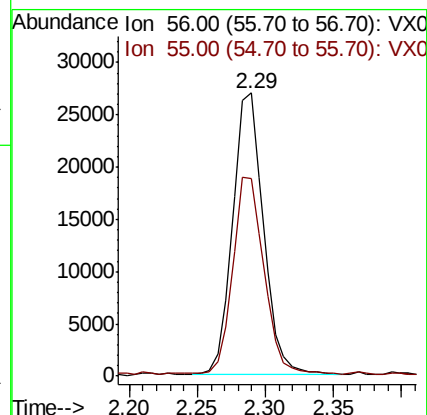
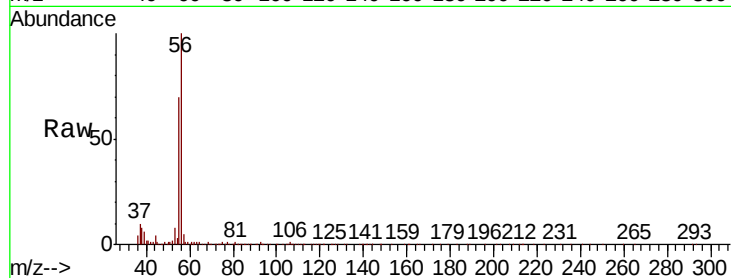
VX0313WBSD02

Tot Ion: 56 Resp: 42458

Ion Ratio Lower Upper

56 100

55 70.9 55.1 82.7



#14

Acrylonitrile

Concen: 95.051 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

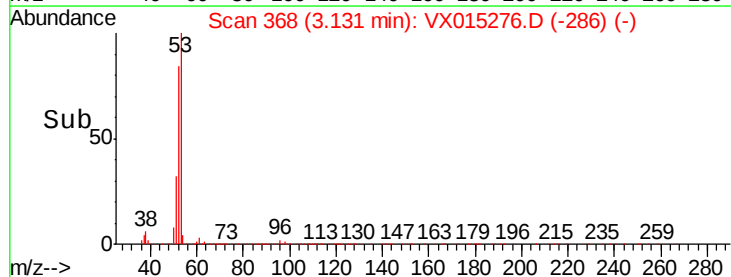
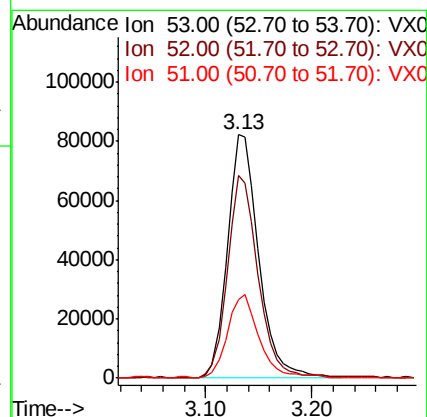
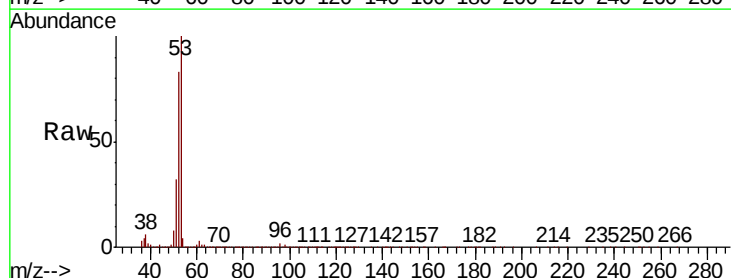
Tgt Ion: 53 Resp: 168319

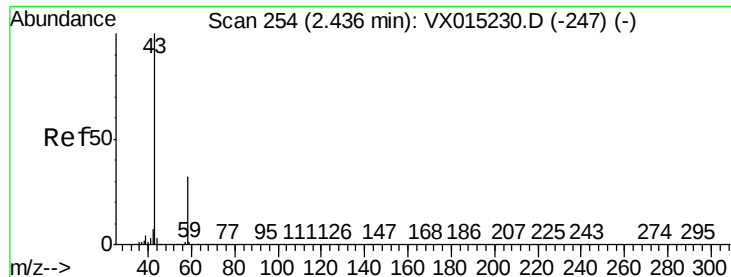
Ion Ratio Lower Upper

53 100

52 81.5 41.5 124.5

51 33.7 17.7 53.1





#15

Acetone

Concen: 79.867 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

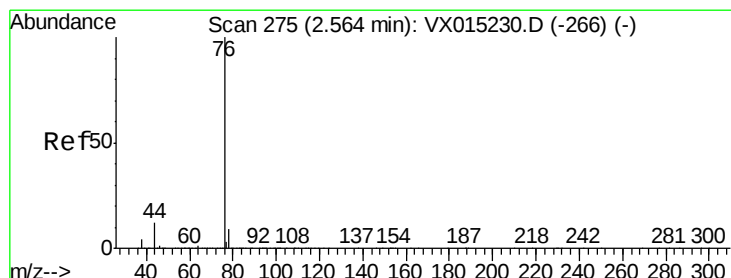
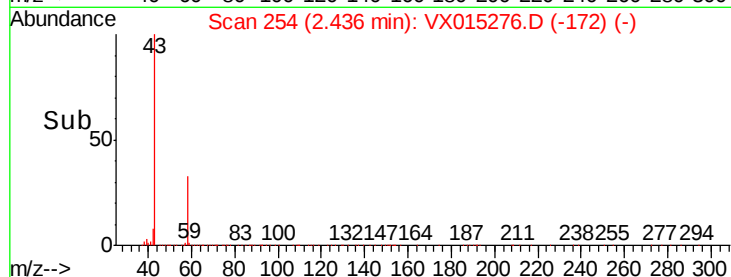
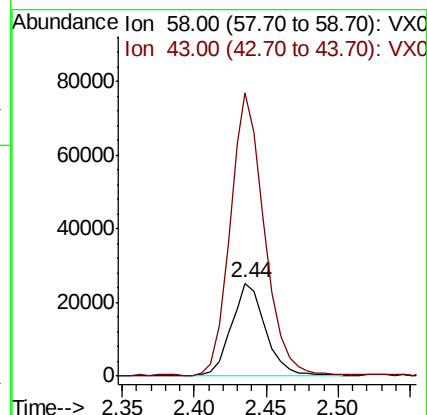
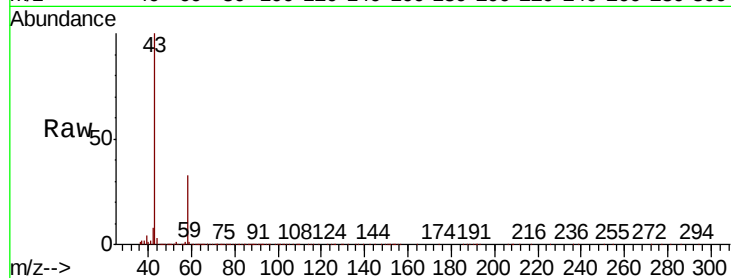
VX0313WBSD02

Tot Ion: 58 Resp: 41498

Ion Ratio Lower Upper

58 100

43 305.8 248.7 373.1



#16

Carbon Disulfide

Concen: 17.332 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015276.D

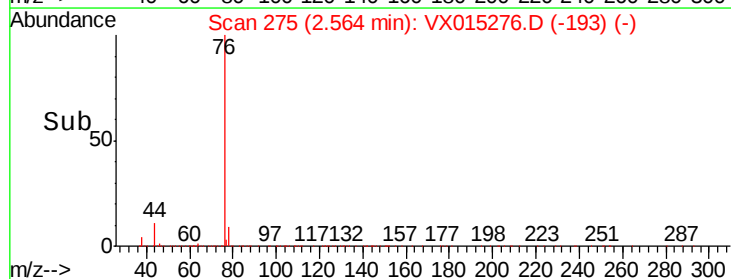
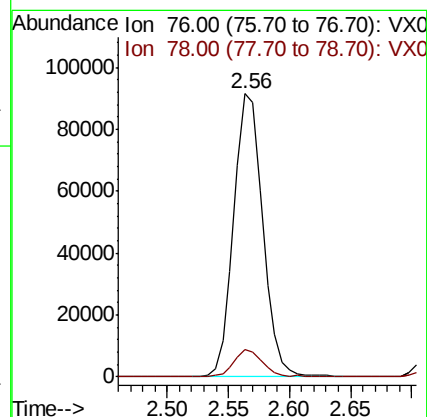
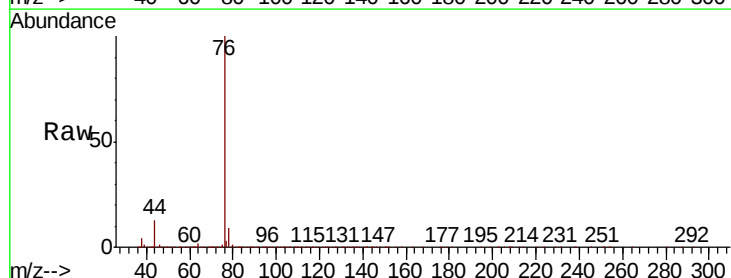
Acq: 13 Mar 2020 22:52

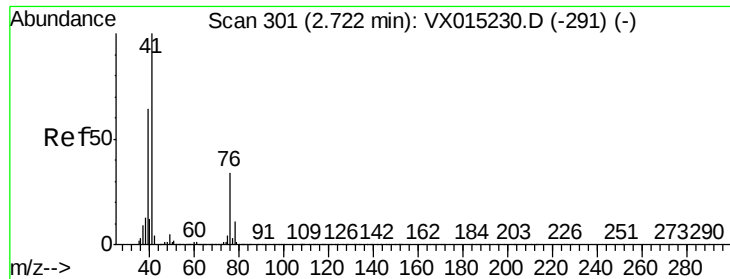
Tgt Ion: 76 Resp: 150143

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

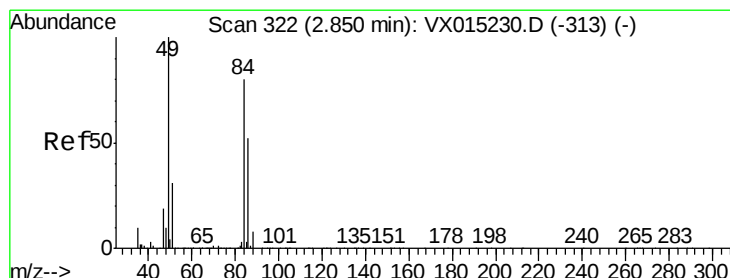
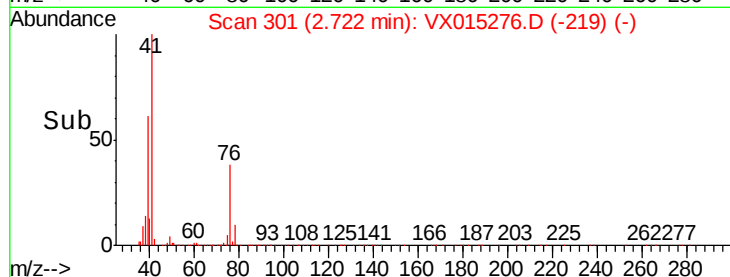
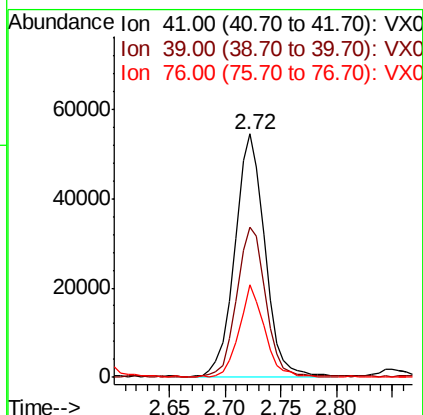
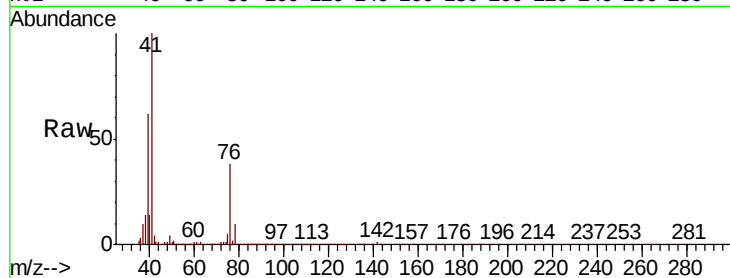




#17
Allvl chloride
Concen: 17.617 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

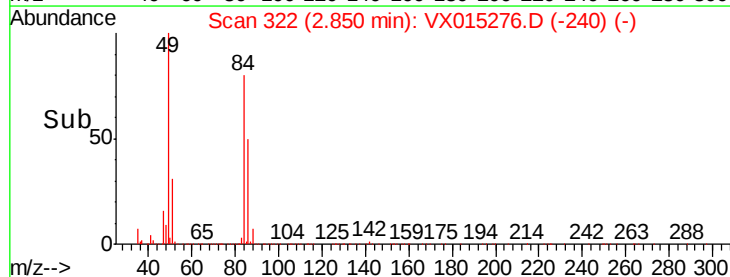
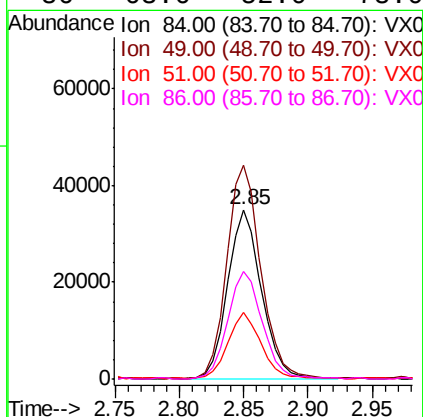
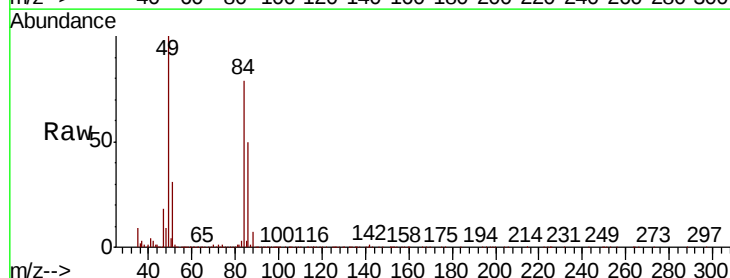
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

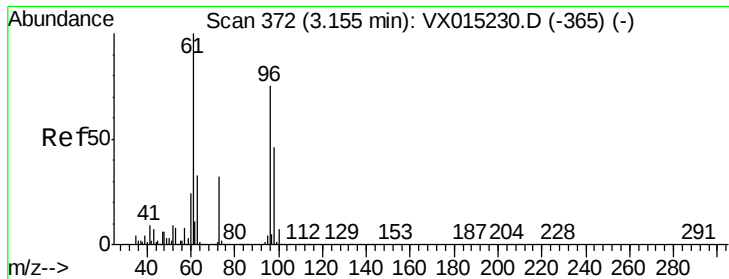
Tot Ion	Ratio	Lower	Upper
41	100		
39	61.5	32.1	96.5
76	37.8	17.2	51.5



#18
Methylene Chloride
Concen: 18.427 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	99.5	149.3
51	39.3	31.0	46.6
86	63.6	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 18.739 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

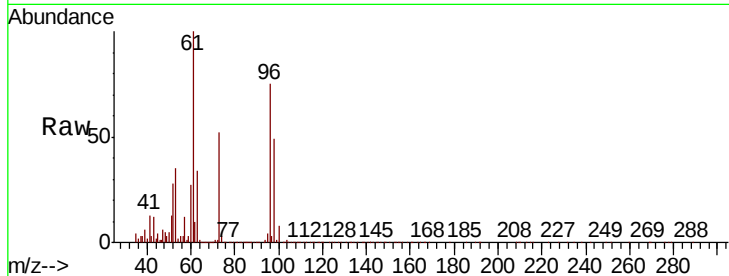
Tot Ion: 96 Resp: 62529

Ion Ratio Lower Upper

96 100

61 133.7 106.3 159.5

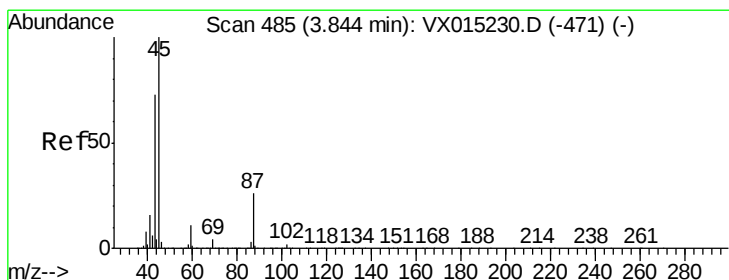
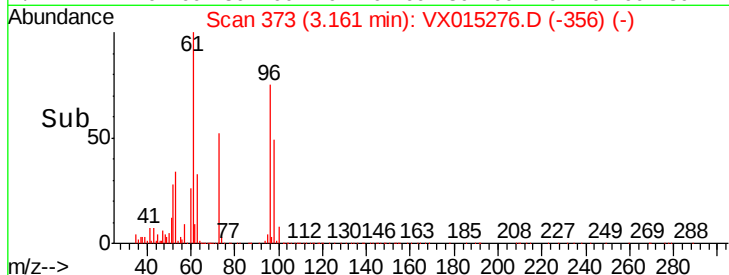
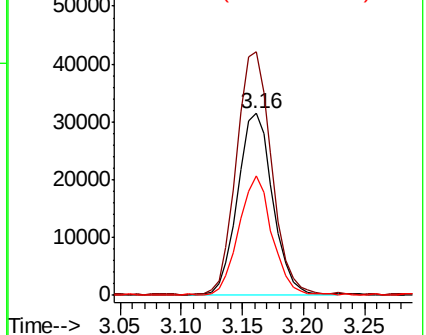
98 65.1 49.1 73.7



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



#20

Diisopropyl ether

Concen: 18.964 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion: 45 Resp: 216204

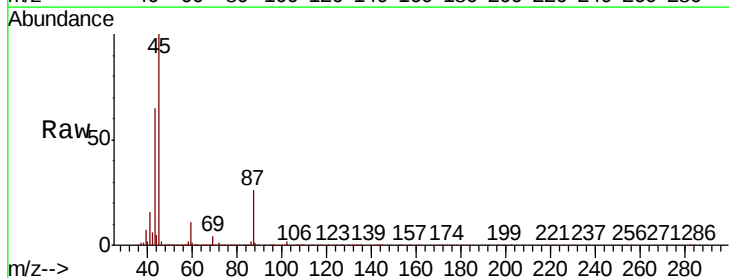
Ion Ratio Lower Upper

45 100

43 64.3 58.6 87.8

87 26.2 21.0 31.4

59 10.7 8.5 12.7

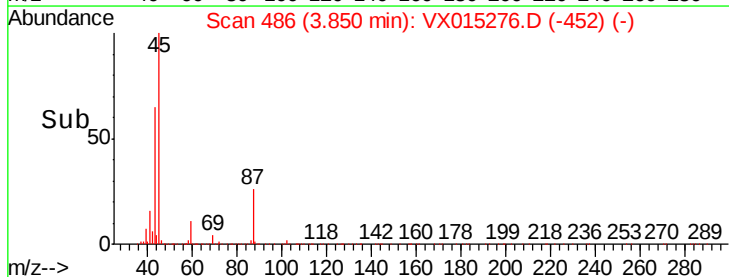
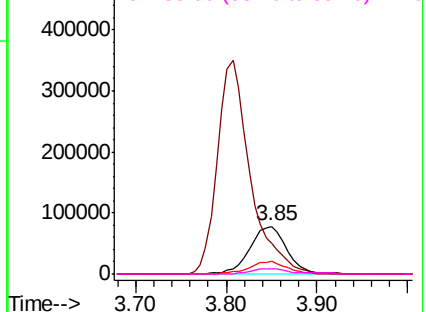


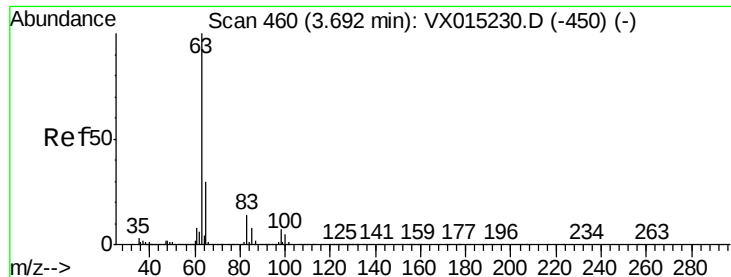
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.894 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

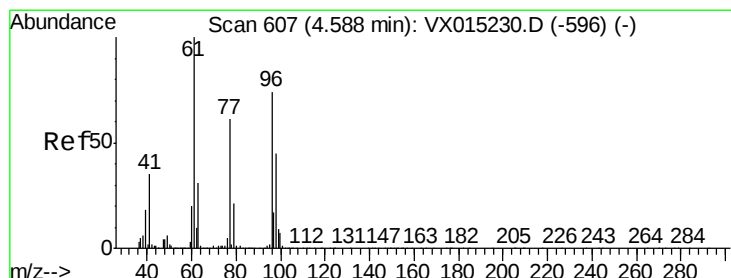
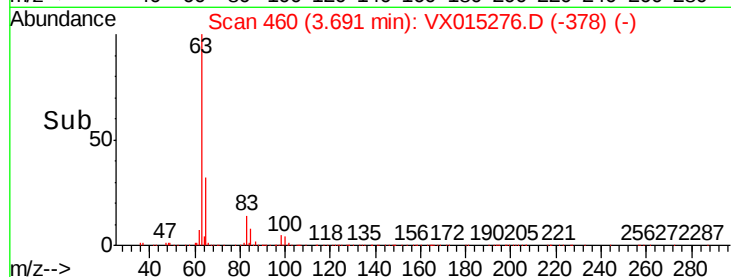
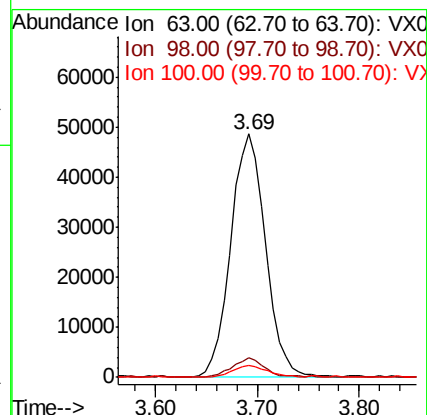
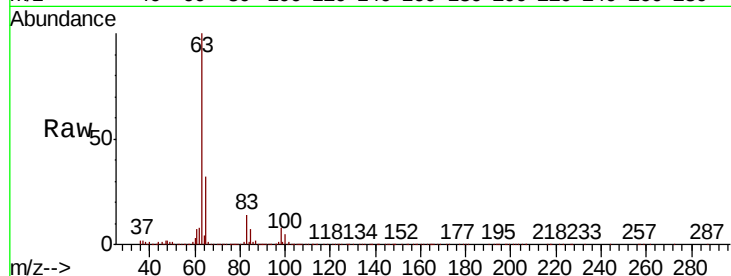
Tot Ion: 63 Resp: 114135

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 4.6 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 18.011 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

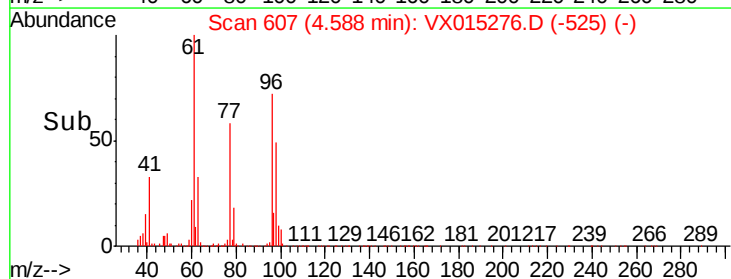
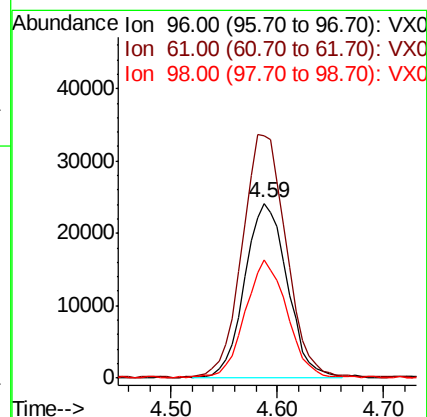
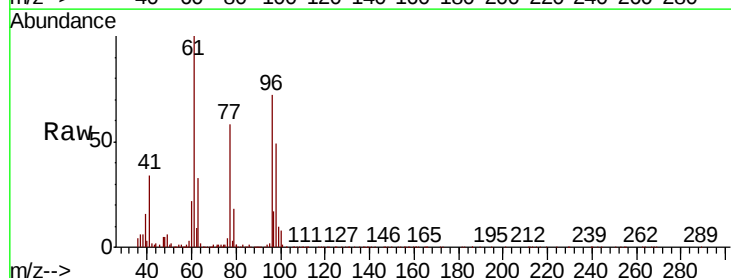
Tgt Ion: 96 Resp: 67935

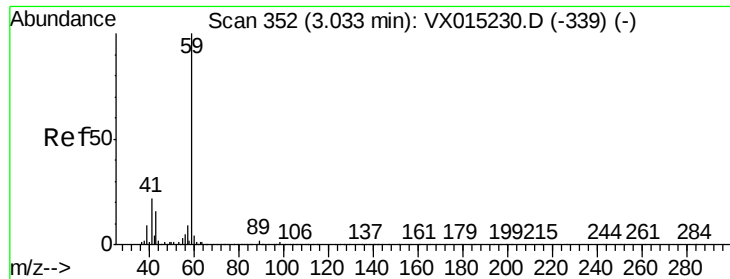
Ion Ratio Lower Upper

96 100

61 142.6 111.4 167.0

98 66.6 50.1 75.1





#23

tert-Butyl Alcohol

Concen: 91.214 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

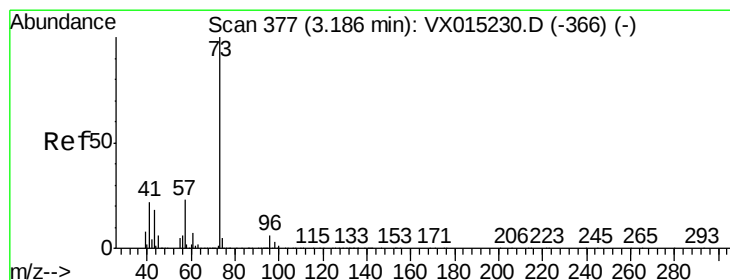
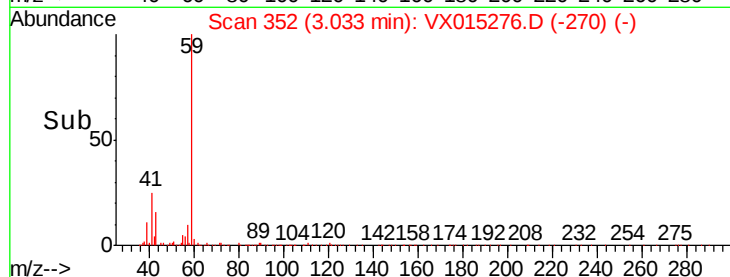
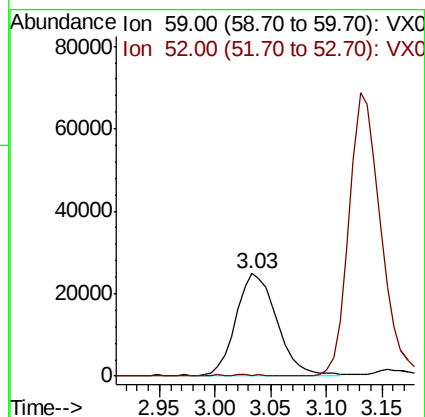
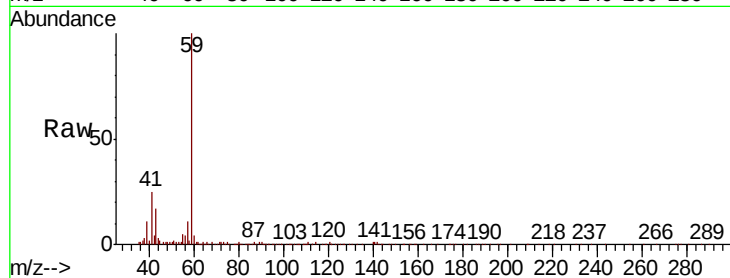
VX0313WBSD02

Tot Ion: 59 Resp: 63151

Ion Ratio Lower Upper

59 100

52 0.2 0.4 0.6#



#24

Methyl tert-Butyl Ether

Concen: 17.967 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015276.D

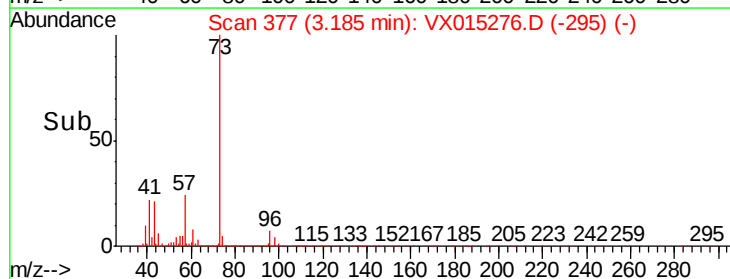
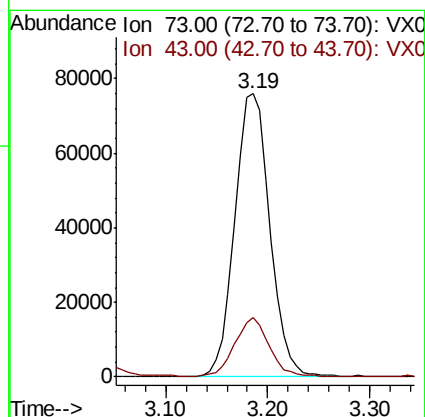
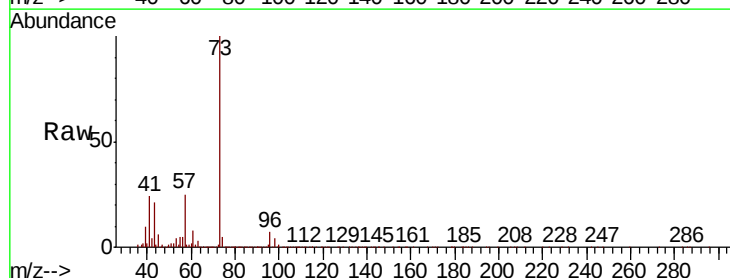
Acq: 13 Mar 2020 22:52

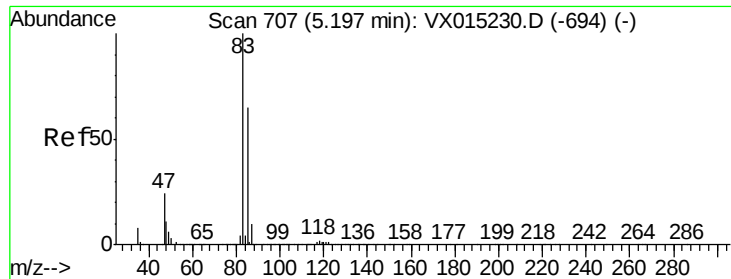
Tgt Ion: 73 Resp: 179585

Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9

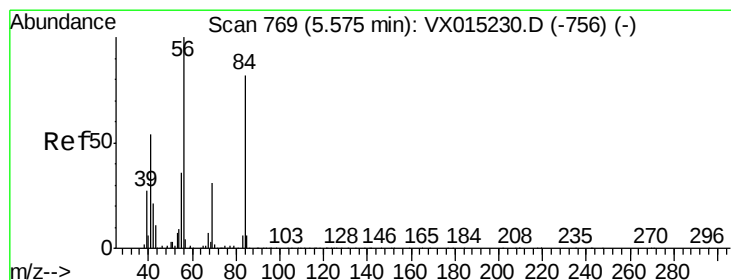
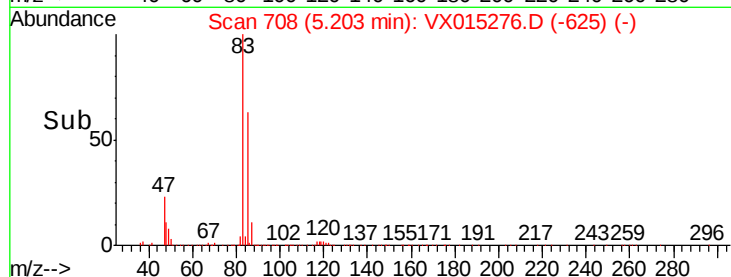
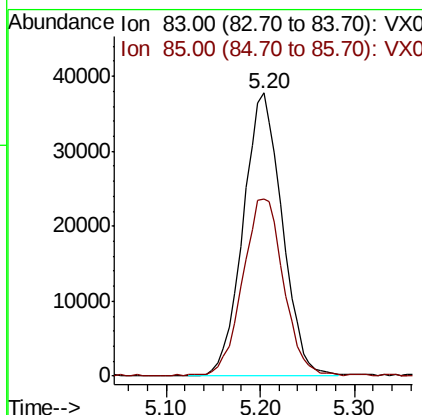
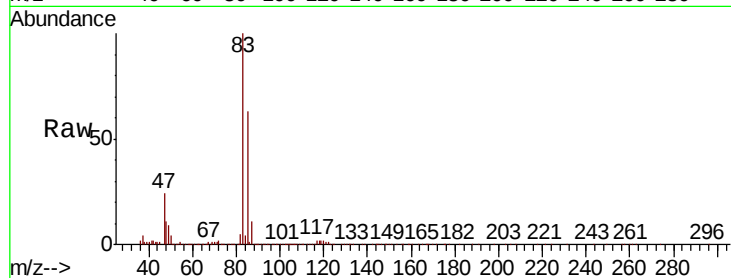




#25
Chloroform
Concen: 19.122 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

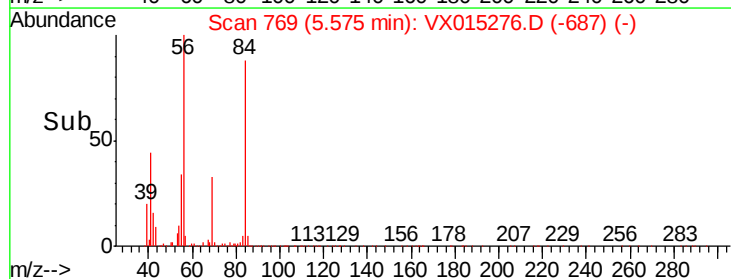
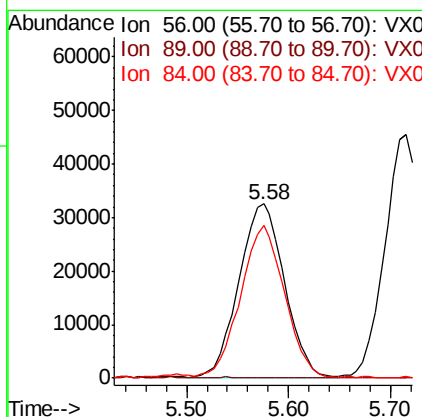
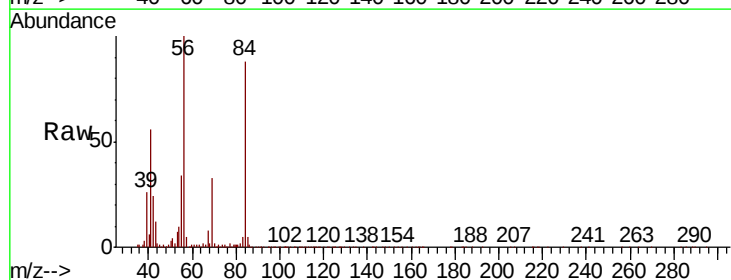
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

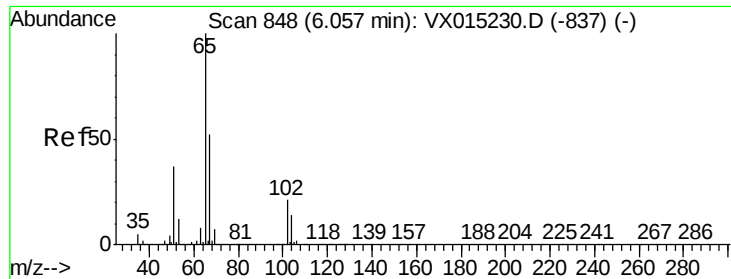
Tot Ion: 83 Resp: 109882
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.2



#26
Cyclohexane
Concen: 17.975 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 56 Resp: 100904
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 84.6 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 29.475 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

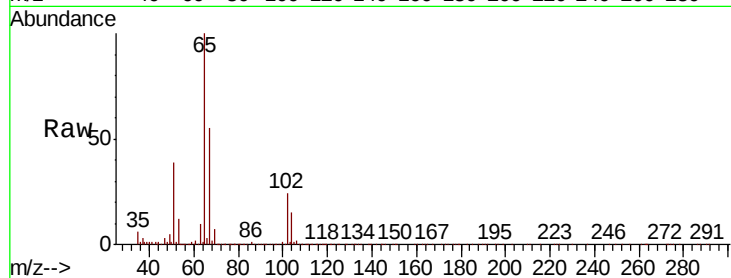
VX0313WBSD02

Tot Ion: 65 Resp: 105615

Ion Ratio Lower Upper

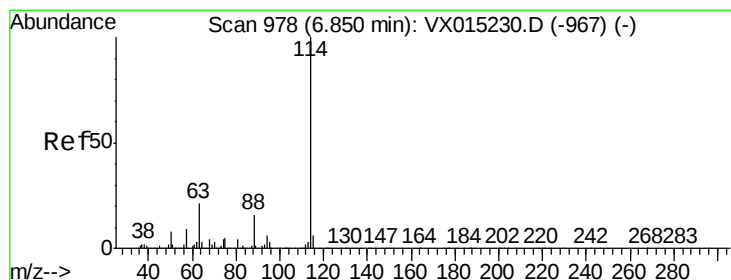
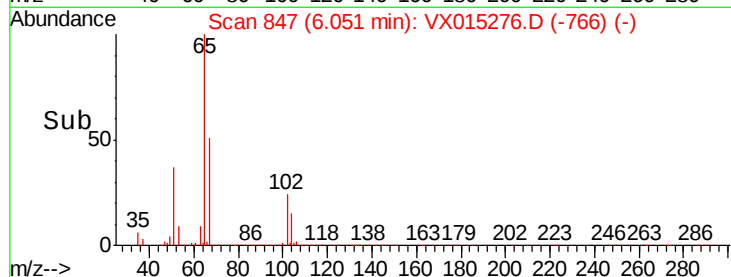
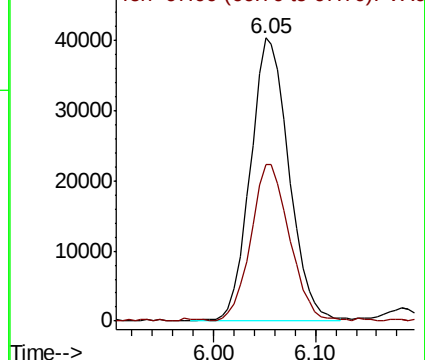
65 100

67 55.1 43.5 65.3



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

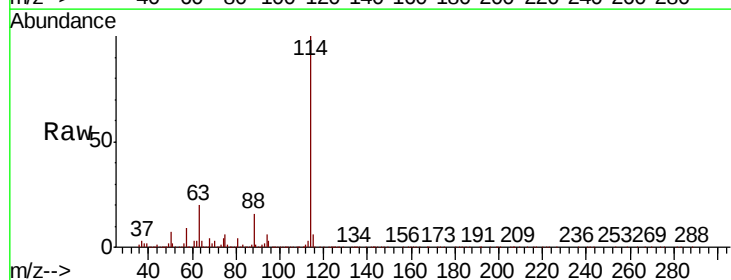
Tgt Ion: 114 Resp: 285950

Ion Ratio Lower Upper

114 100

63 20.2 16.6 24.8

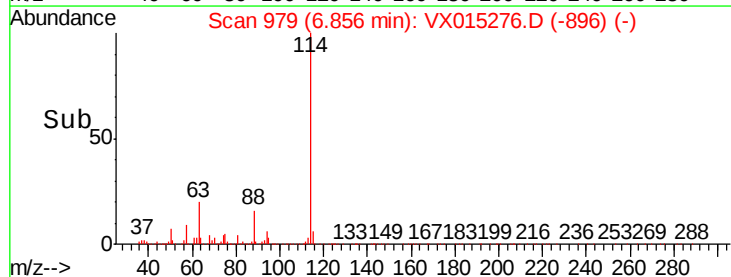
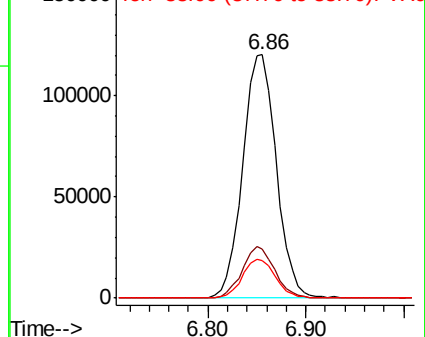
88 15.9 12.6 19.0

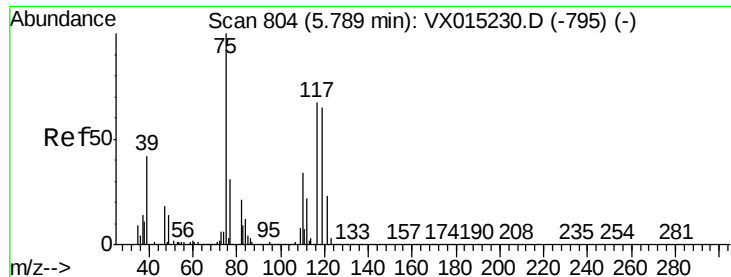


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.829 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

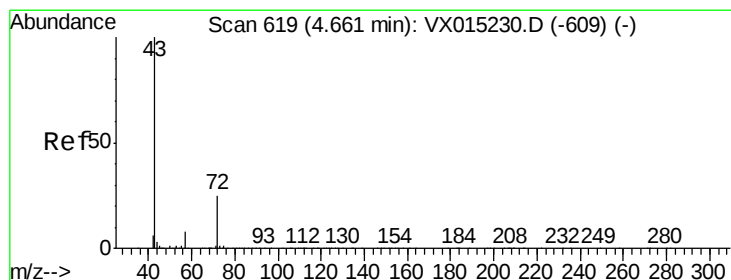
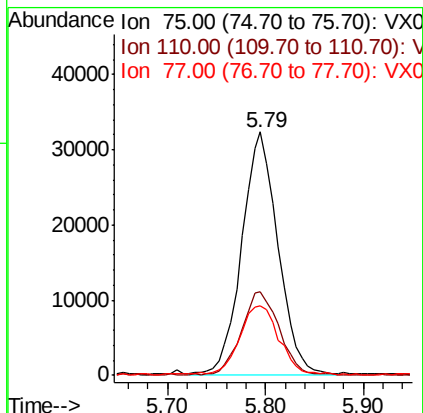
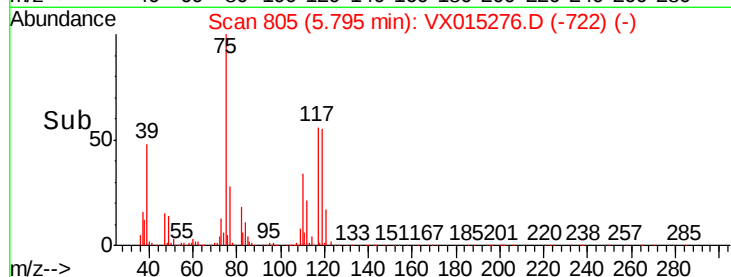
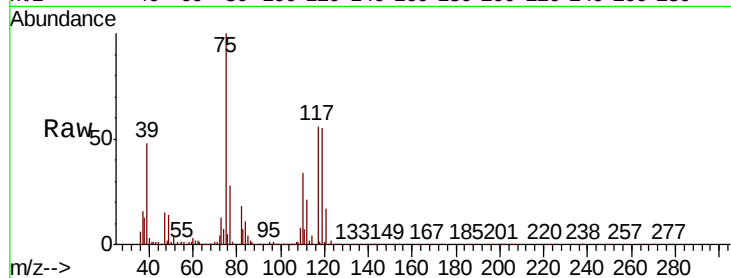
Tot Ion: 75 Resp: 82623

Ion Ratio Lower Upper

75 100

110 35.2 0.0 73.6

77 30.3 0.0 63.4



#30

2-Butanone

Concen: 94.113 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

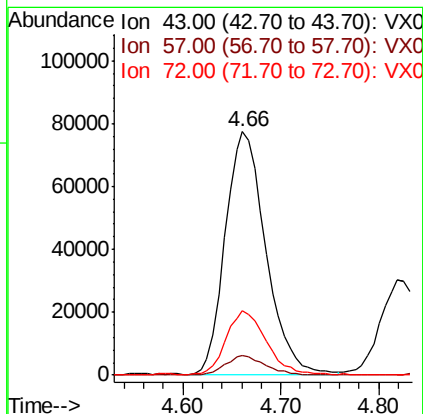
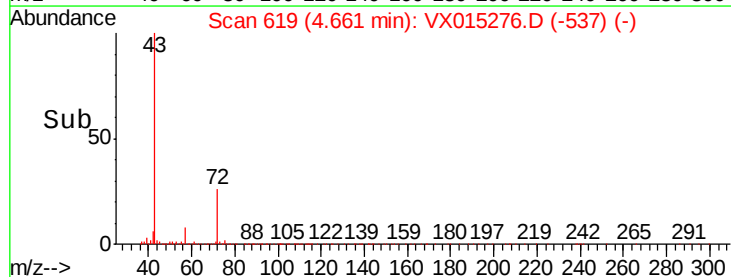
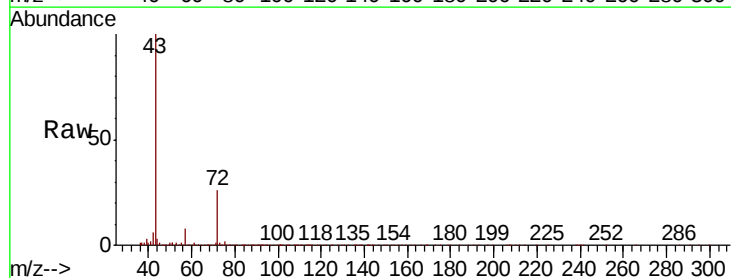
Tgt Ion: 43 Resp: 221156

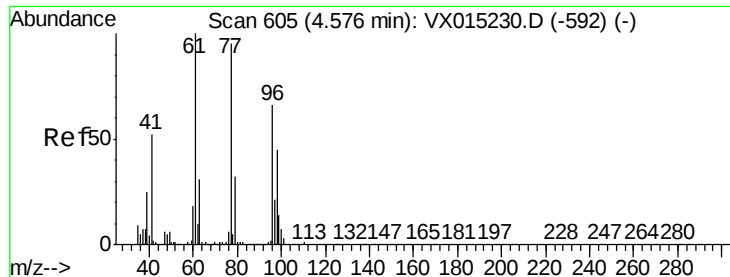
Ion Ratio Lower Upper

43 100

57 7.7 6.4 9.6

72 25.6 19.9 29.9





#31

2,2-Dichloropropane

Concen: 15.211 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

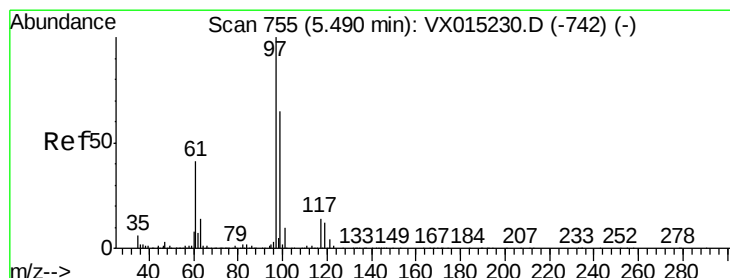
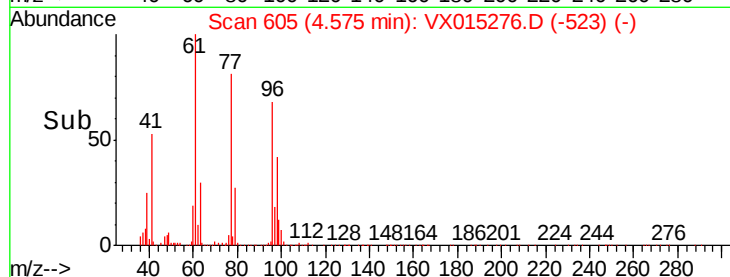
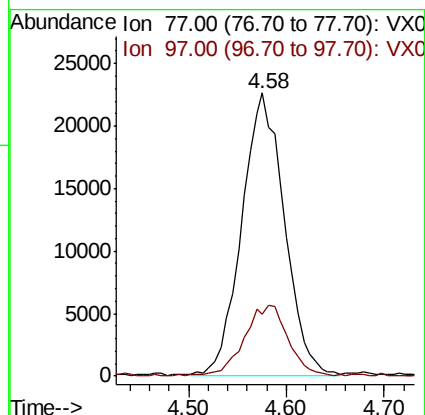
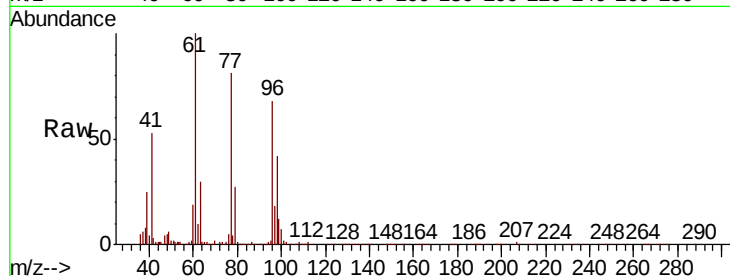
VX0313WBSD02

Tot Ion: 77 Resp: 68569

Ion Ratio Lower Upper

77 100

97 25.7 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 18.539 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

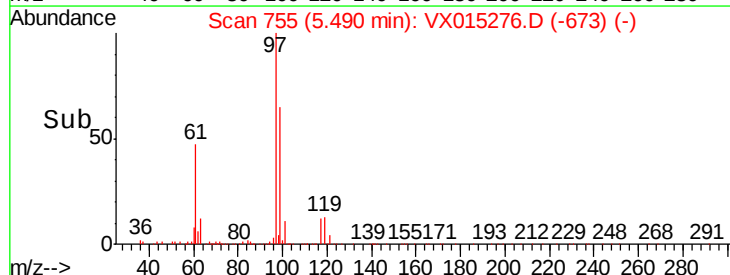
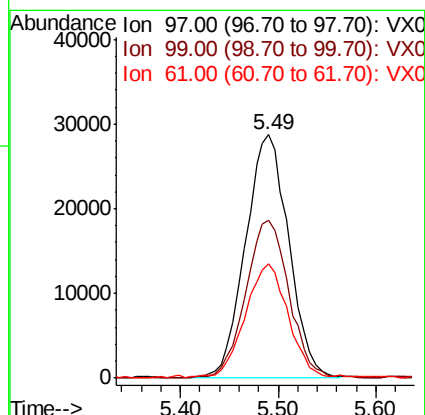
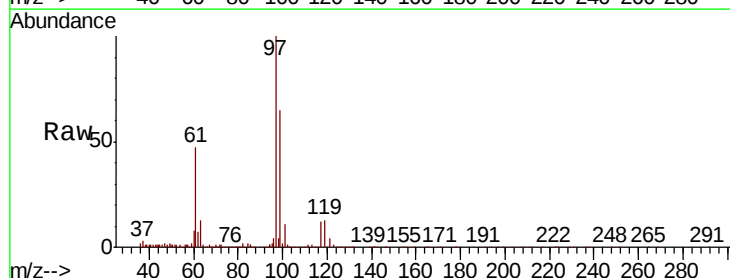
Tgt Ion: 97 Resp: 88525

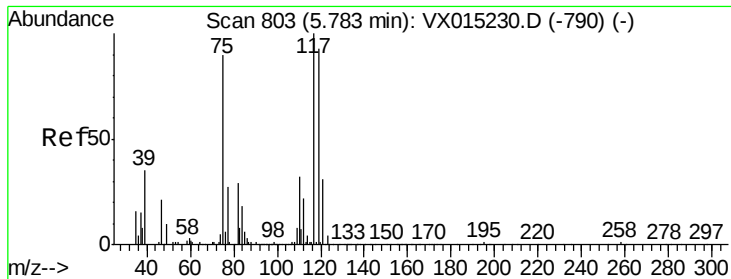
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 45.8 35.0 52.6





#33

Carbon Tetrachloride

Concen: 18.280 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

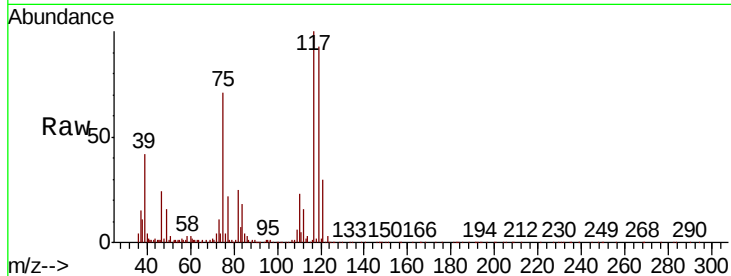
Tot Ion:117 Resp: 74698

Ion Ratio Lower Upper

117 100

119 93.1 74.2 111.4

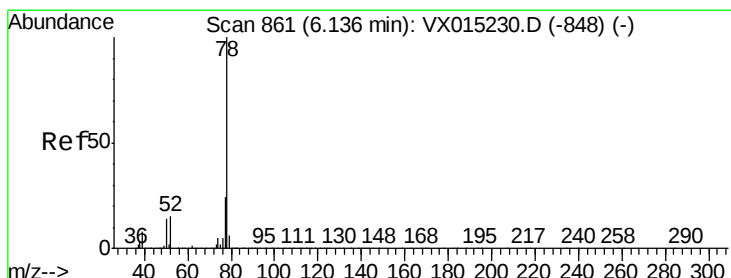
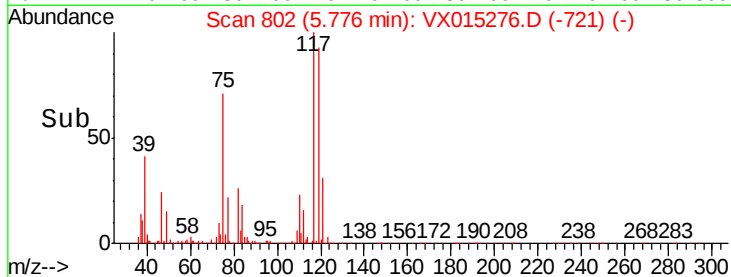
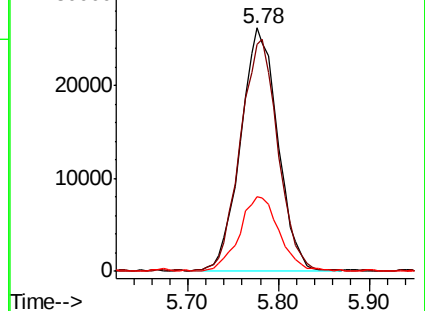
121 30.2 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.677 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

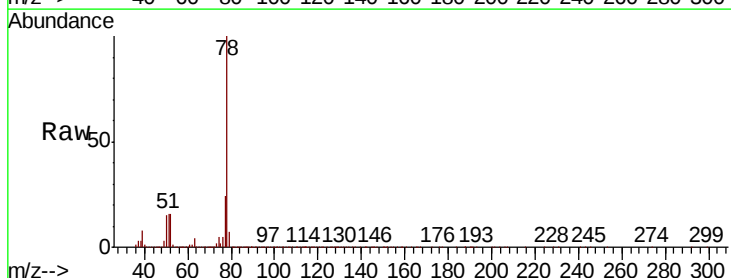
Tgt Ion: 78 Resp: 261635

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

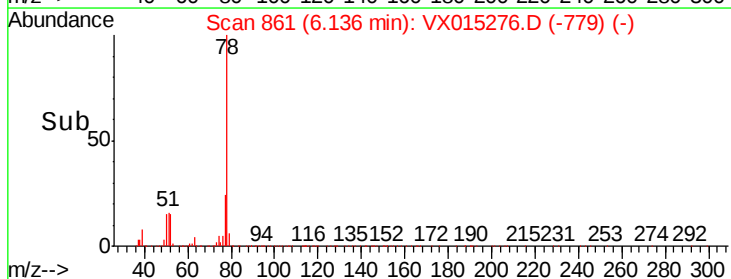
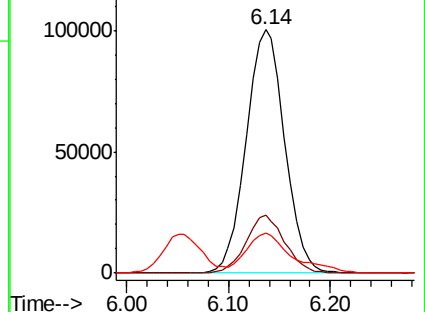
51 15.0 13.4 20.2

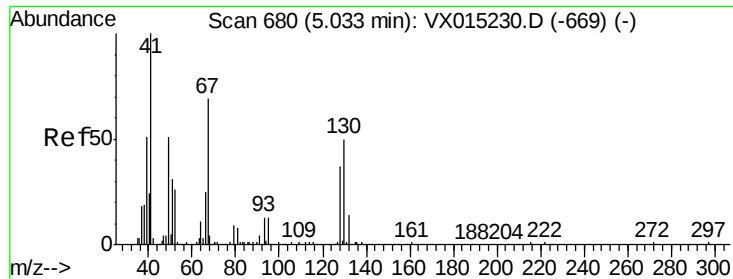


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

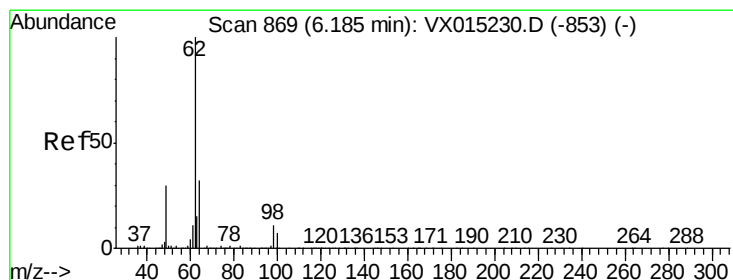
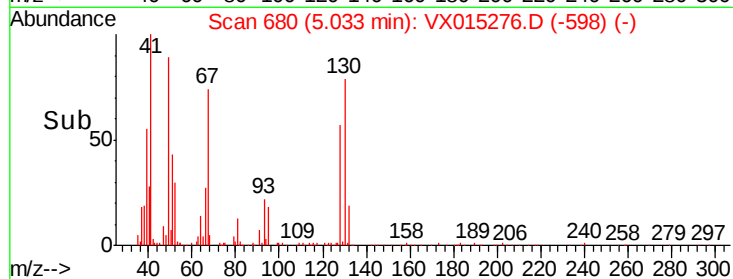
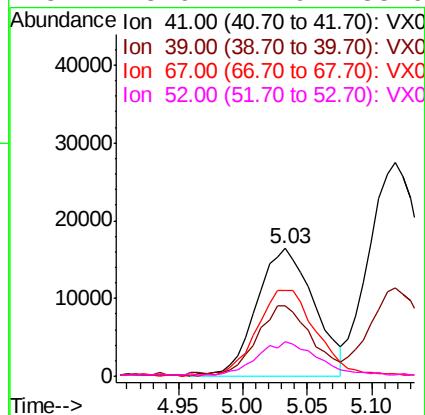
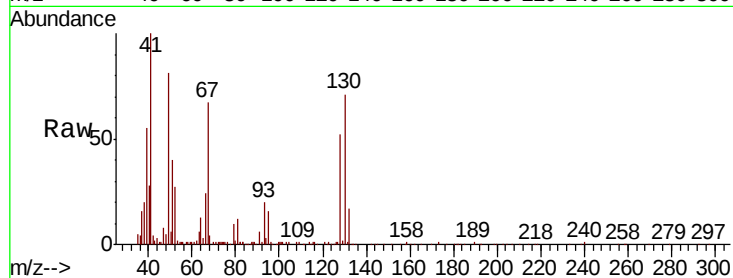




#35
Methacrylonitrile
Concen: 20.007 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

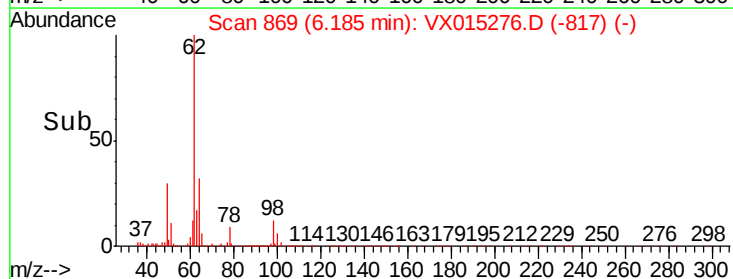
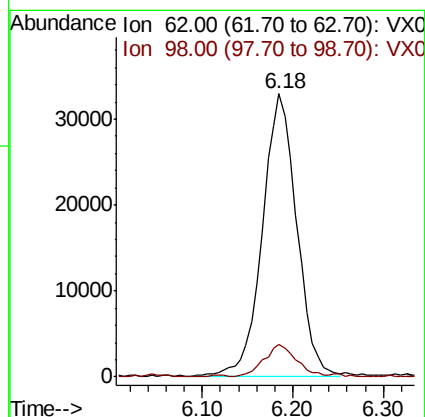
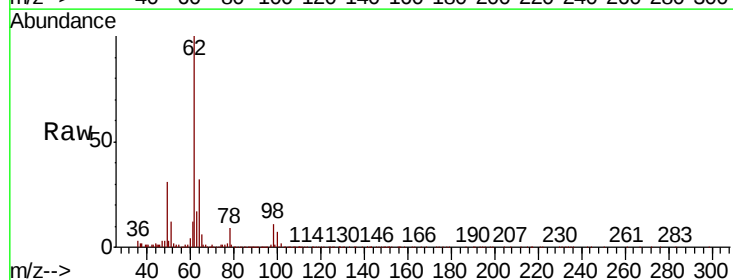
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

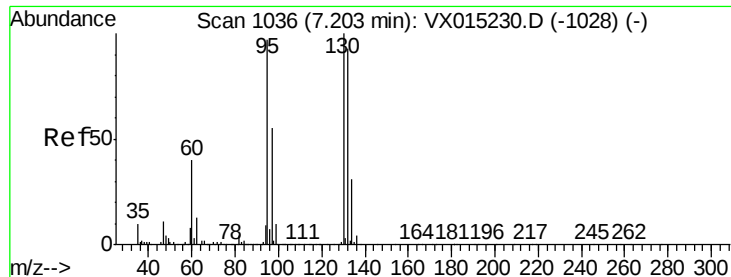
Tot Ion:	41	Resp:	50830
Ion	Ratio	Lower	Upper
41	100		
39	52.9	25.7	77.1
67	65.6	34.3	102.8
52	25.6	12.9	38.6



#36
1,2-Dichloroethane
Concen: 19.506 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion:	62	Resp:	86515
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.4	12.6





#37

Trichloroethene

Concen: 19.587 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

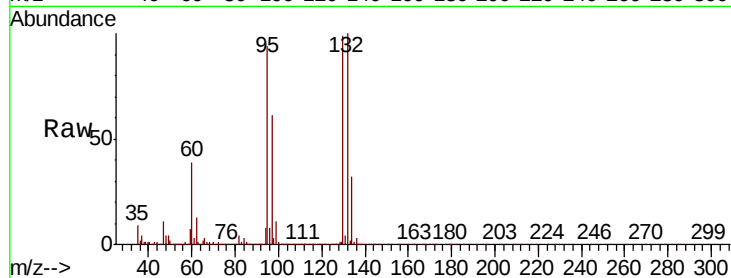
VX0313WBSD02

Tot Ion:130 Resp: 72029

Ion Ratio Lower Upper

130 100

95 94.4 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

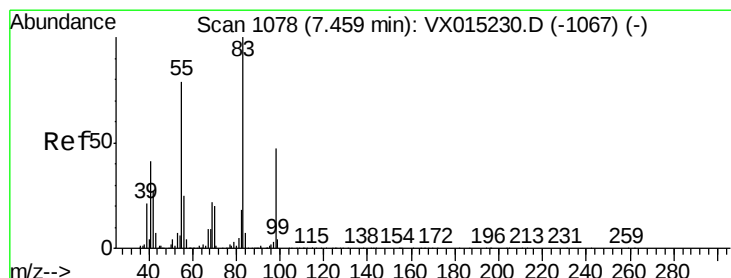
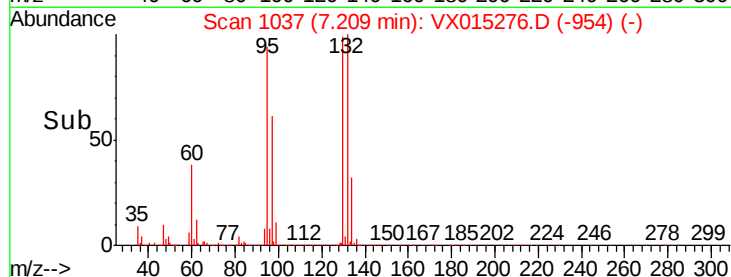
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 18.577 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

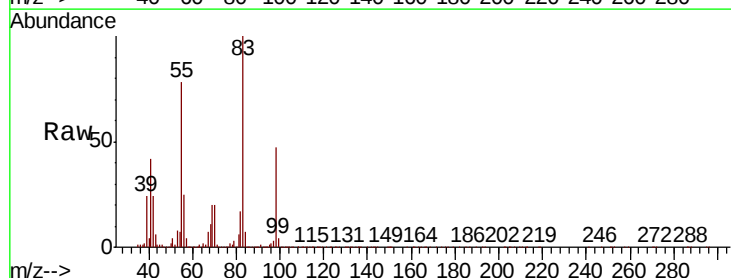
Tgt Ion: 83 Resp: 99043

Ion Ratio Lower Upper

83 100

55 78.3 39.1 117.2

98 48.9 24.4 73.2



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

60000

50000

40000

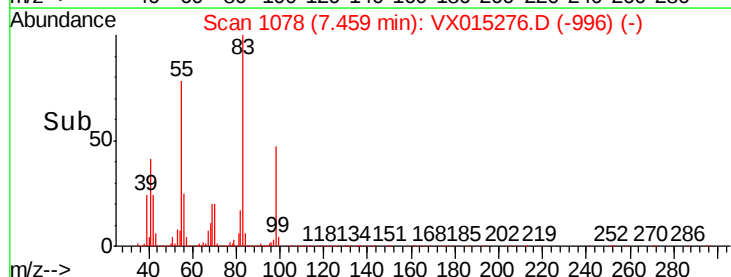
30000

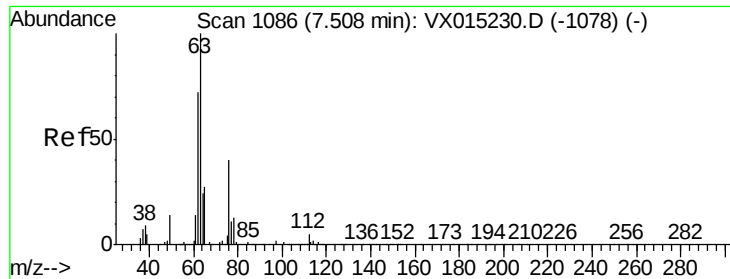
20000

10000

0

Time--> 7.35 7.40 7.45 7.50

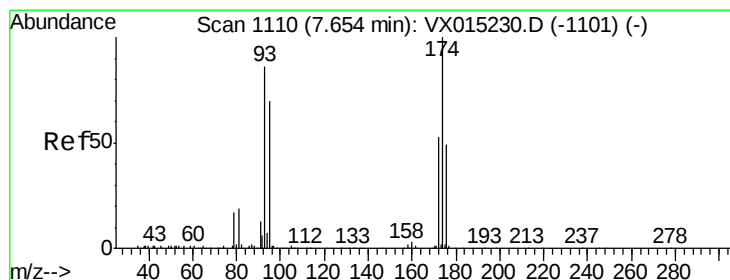
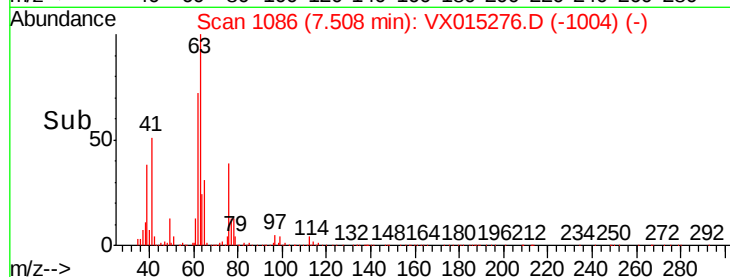
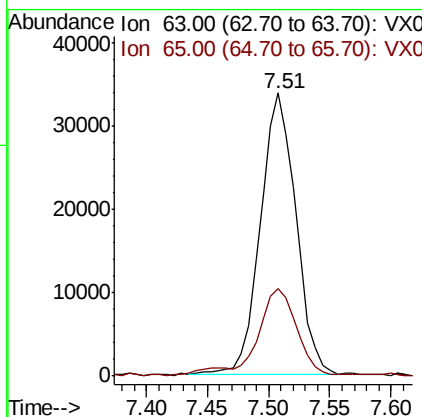
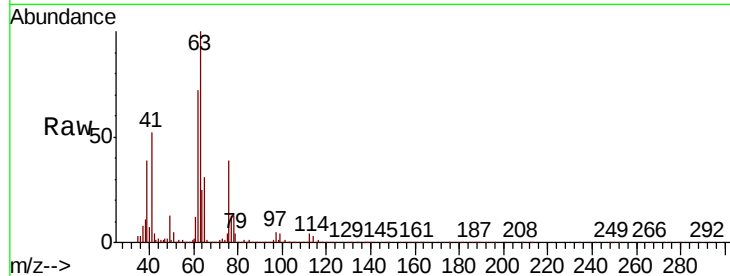




#39
 1,2-Dichloropropane
 Concen: 19.949 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

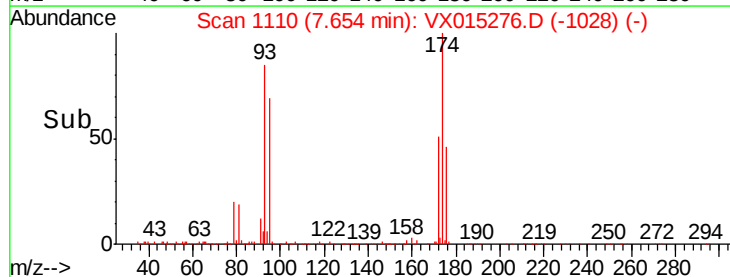
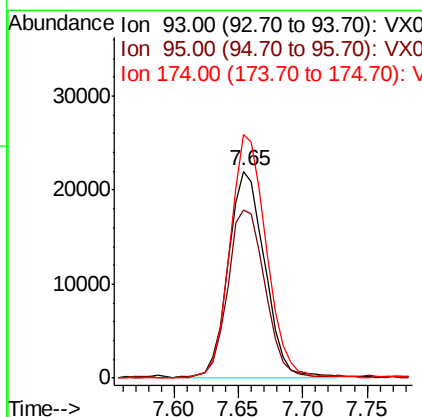
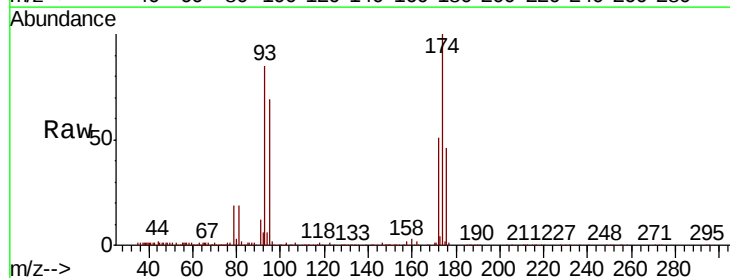
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

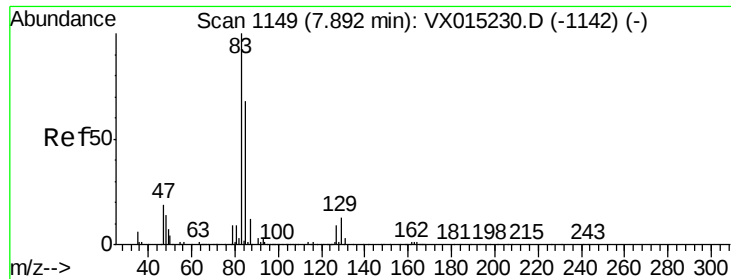
Tot Ion: 63 Resp: 68521
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.2 34.8



#40
 Dibromomethane
 Concen: 19.793 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion: 93 Resp: 43211
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 162.6
 174 117.2 0.0 233.6





#41

Bromodichloromethane

Concen: 19.333 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

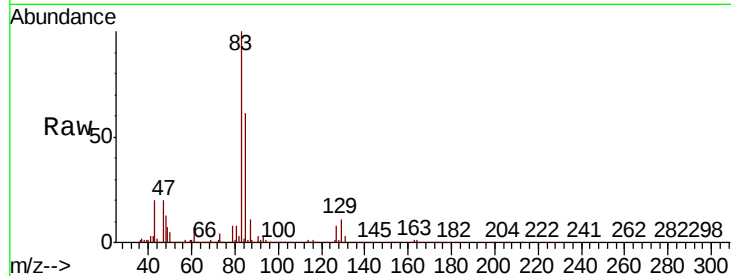
Tot Ion: 83 Resp: 83478

Ion Ratio Lower Upper

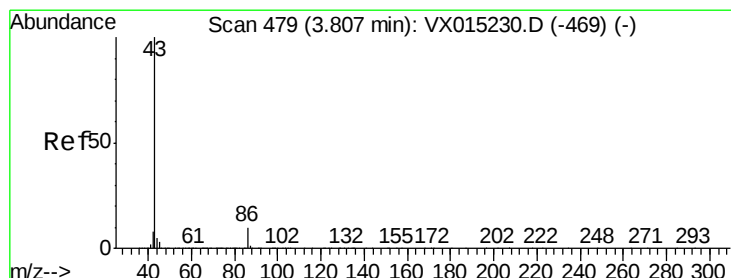
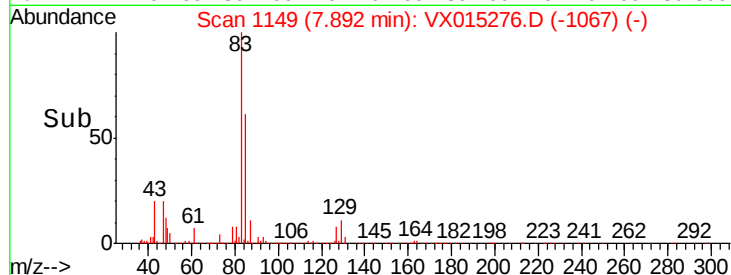
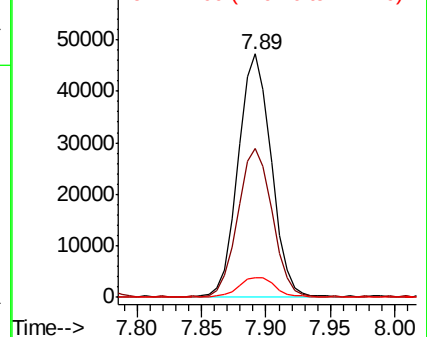
83 100

85 60.8 54.2 81.4

127 7.9 7.1 10.7



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: 96.070 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015276.D

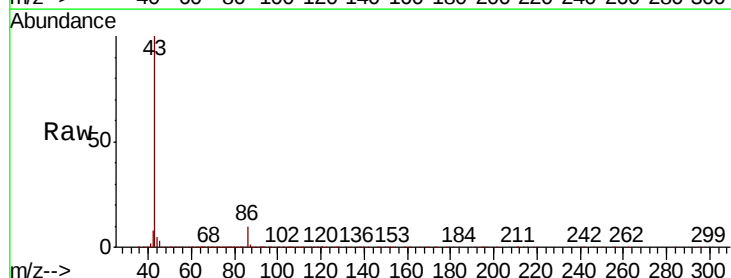
Acq: 13 Mar 2020 22:52

Tgt Ion: 43 Resp: 890271

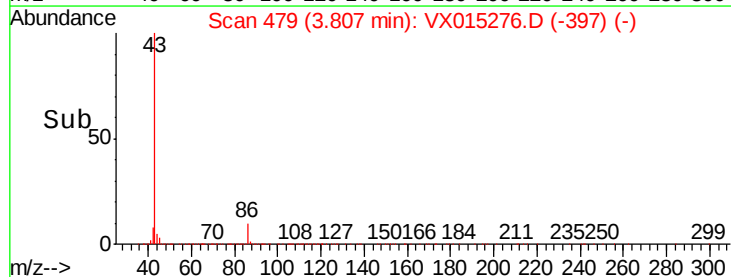
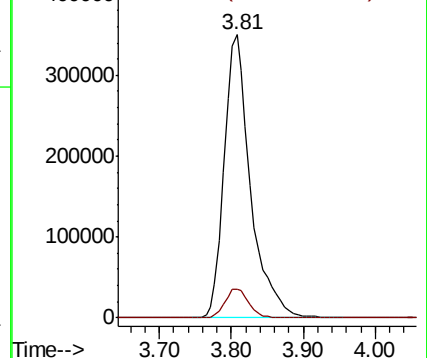
Ion Ratio Lower Upper

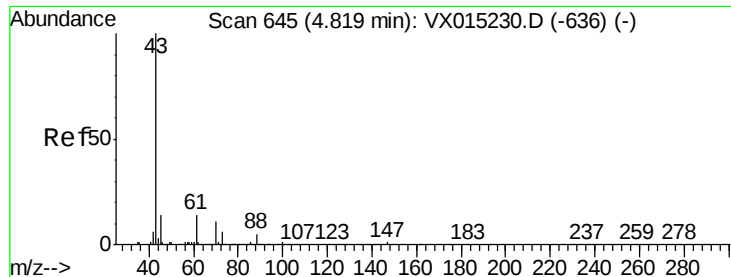
43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

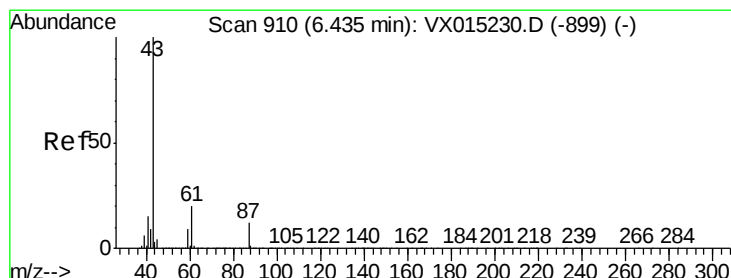
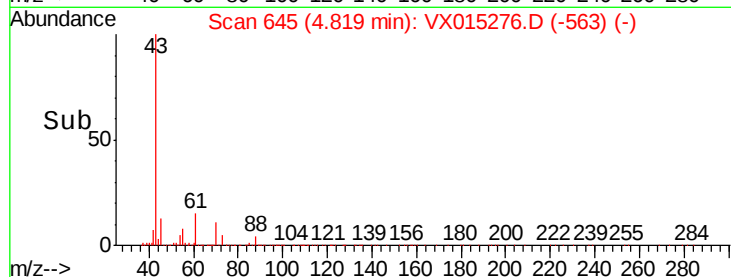
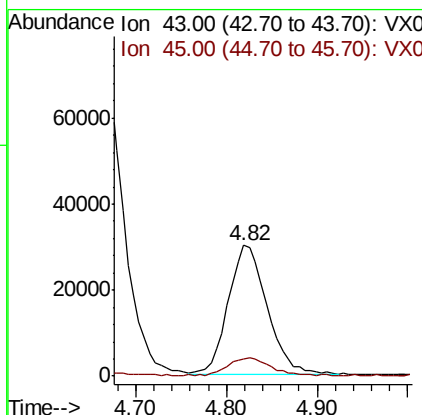
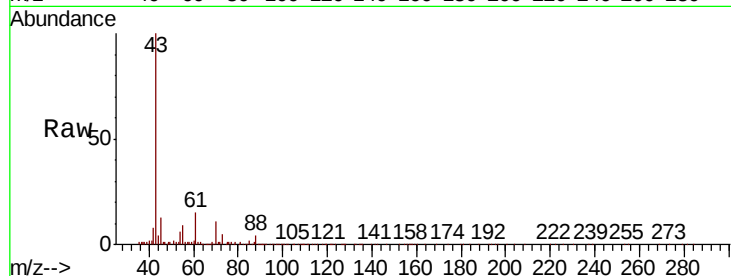




#43
Ethyl Acetate
Concen: 20.147 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

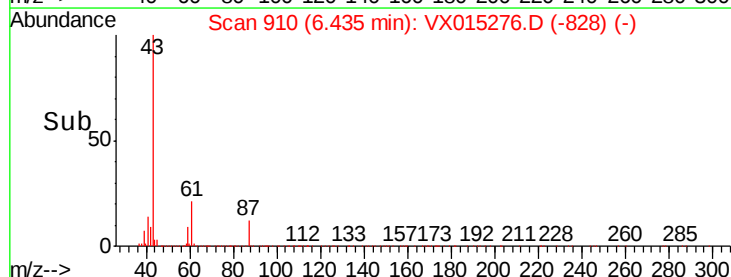
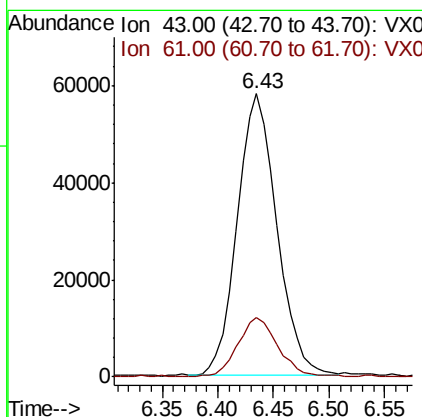
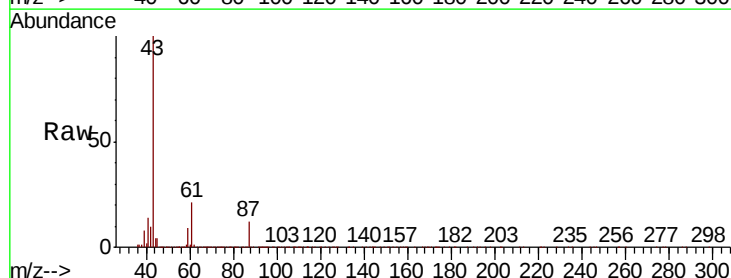
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

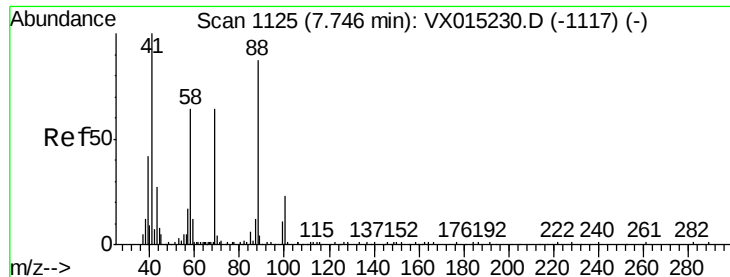
Tot Ion: 43 Resp: 89827
Ion Ratio Lower Upper
43 100
45 16.2 11.7 17.5



#44
Isopropyl Acetate
Concen: 19.021 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 43 Resp: 143447
Ion Ratio Lower Upper
43 100
61 21.6 17.0 25.4

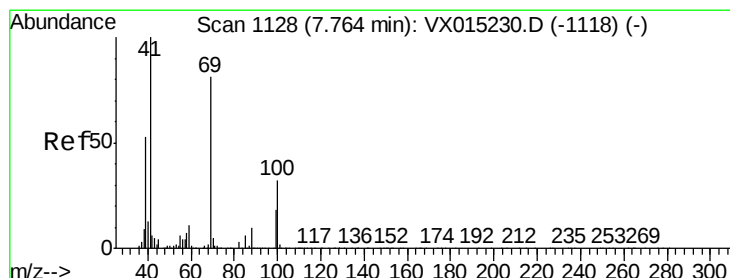
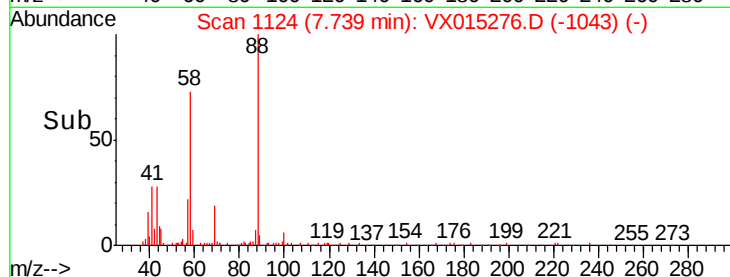
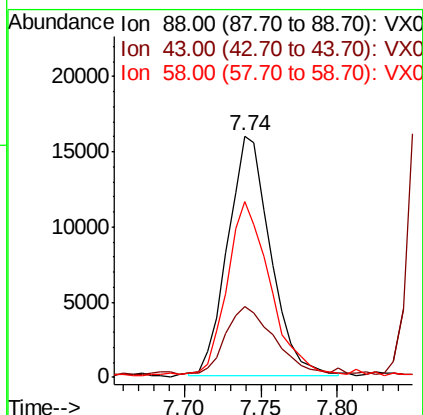
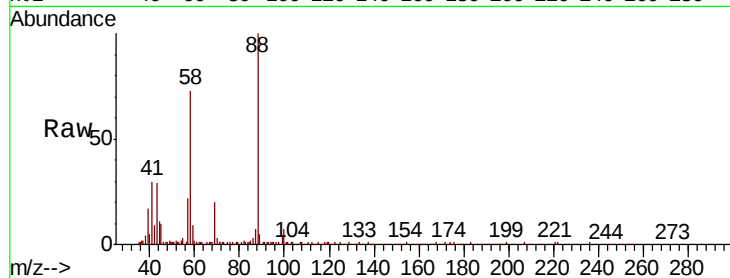




#45
1,4-Dioxane
Concen: 421.330 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

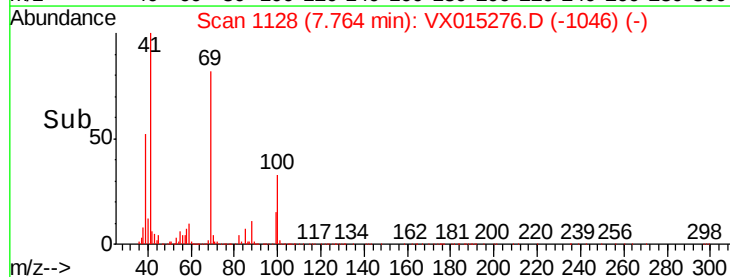
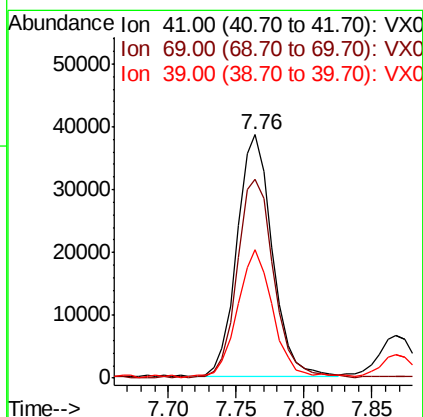
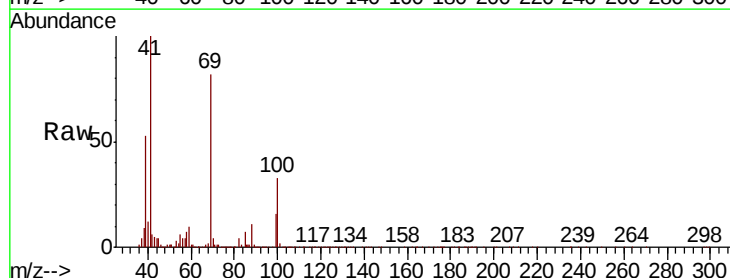
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

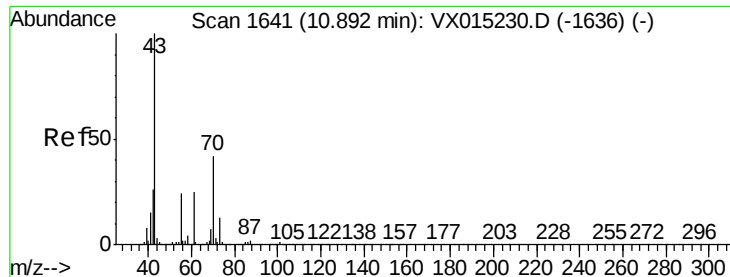
Tot Ion: 88 Resp: 31207
Ion Ratio Lower Upper
88 100
43 30.8 26.4 39.6
58 74.0 57.3 85.9



#46
Methyl methacrylate
Concen: 18.869 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 41 Resp: 70166
Ion Ratio Lower Upper
41 100
69 81.9 40.5 121.4
39 52.2 26.6 79.8





#47

n-amvl Acetate

Concen: 17.679 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

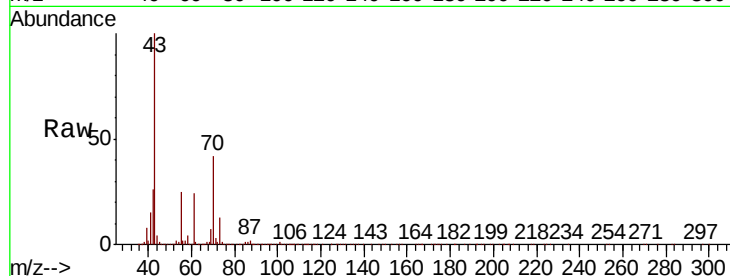
VX0313WBSD02

Tot Ion: 43 Resp: 119633

Ion Ratio Lower Upper

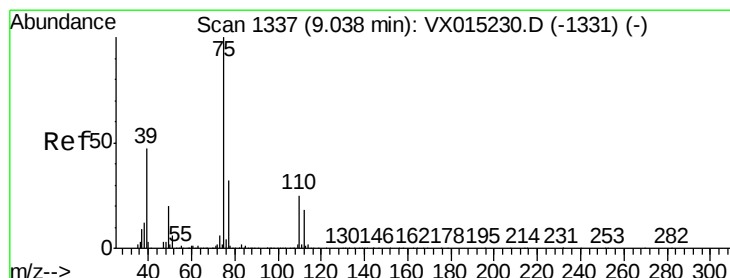
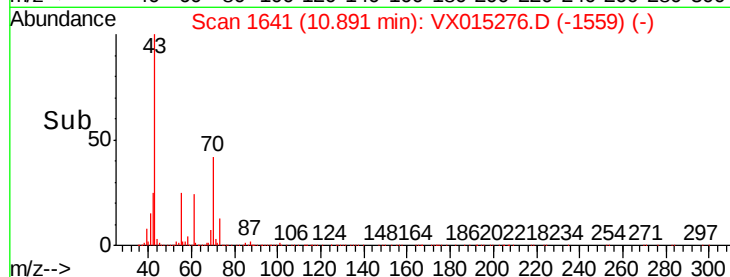
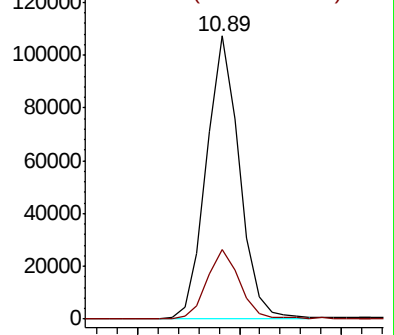
43 100

55 24.6 20.4 30.6



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: 18.703 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015276.D

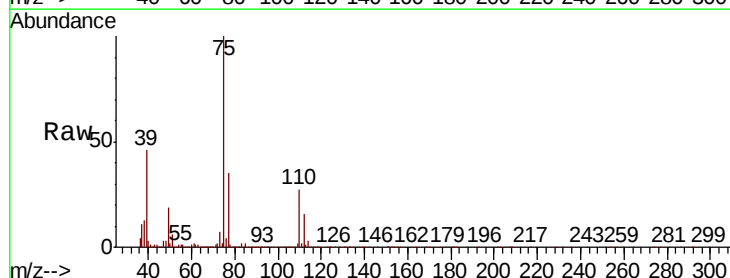
Acq: 13 Mar 2020 22:52

Tgt Ion: 75 Resp: 87813

Ion Ratio Lower Upper

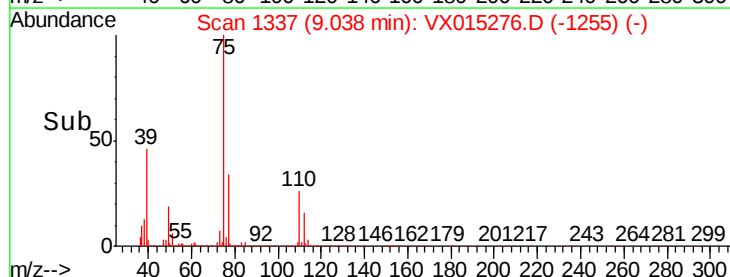
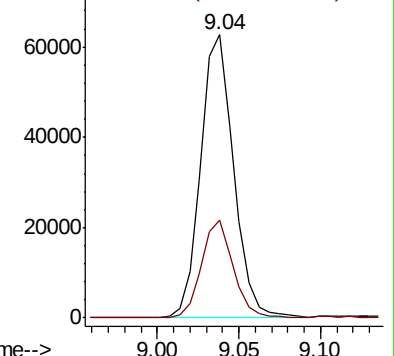
75 100

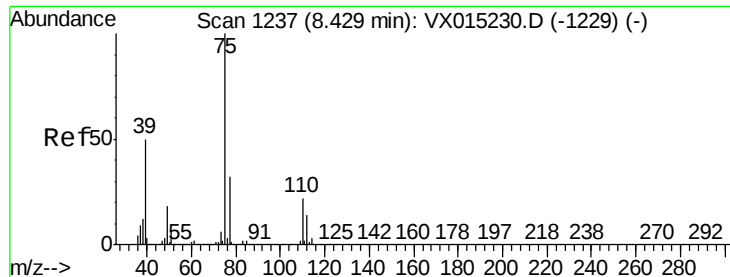
77 34.4 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



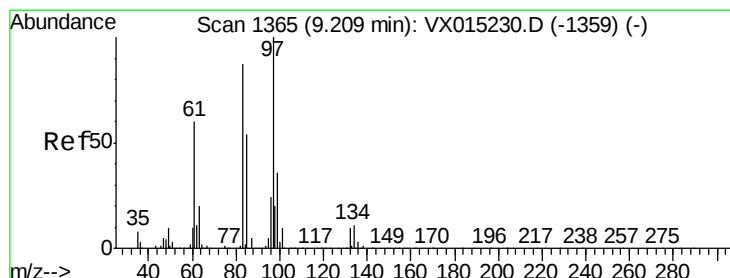
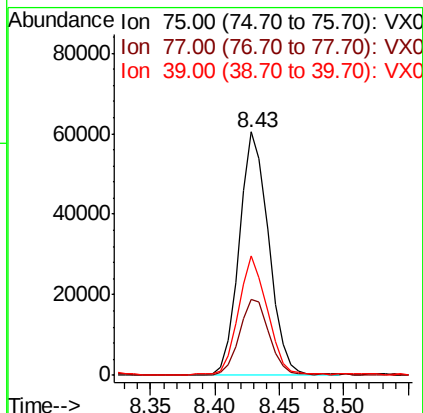
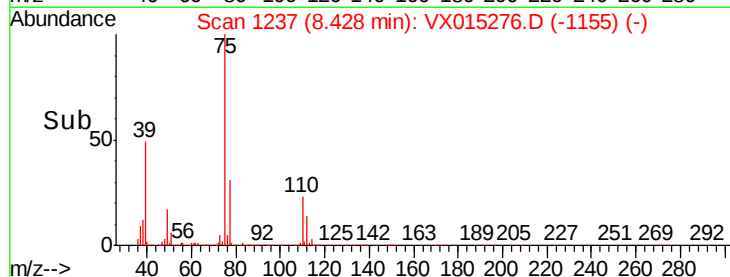
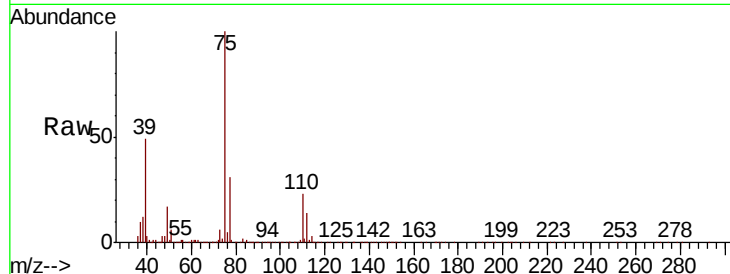


#49

cis-1,3-Dichloropropene
 Concen: 17.952 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

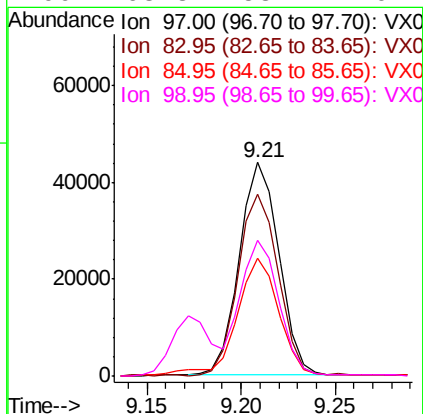
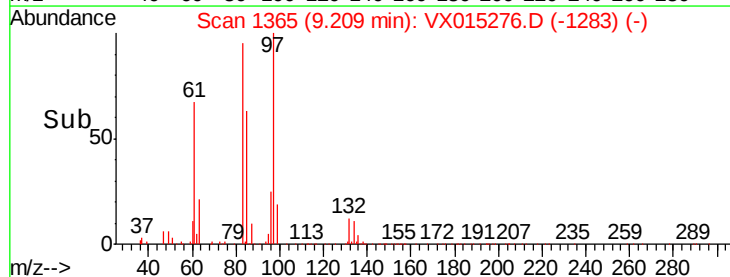
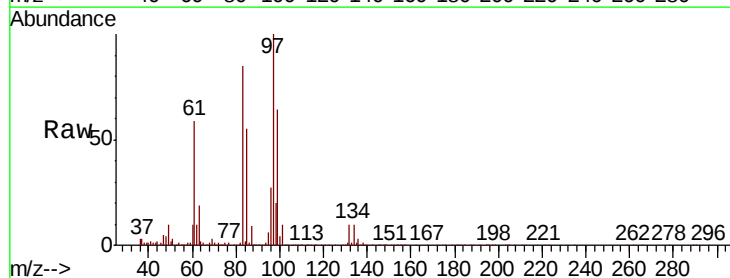
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	48.9	39.8	59.6

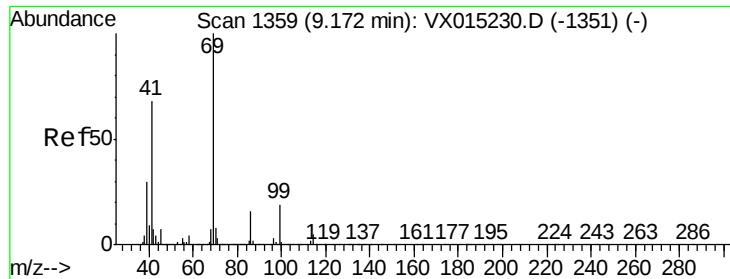


#50

1,1,2-Trichloroethane
 Concen: 19.921 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.7	104.5
85	55.0	45.4	68.0
99	63.3	53.1	79.7





#51

Ethyl methacrylate

Concen: 18.963 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

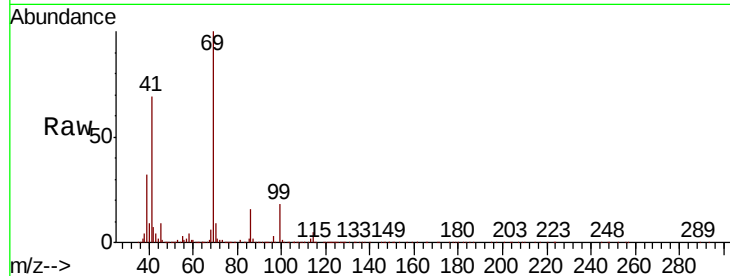
Tot Ion: 69 Resp: 95518

Ion Ratio Lower Upper

69 100

41 68.5 33.8 101.3

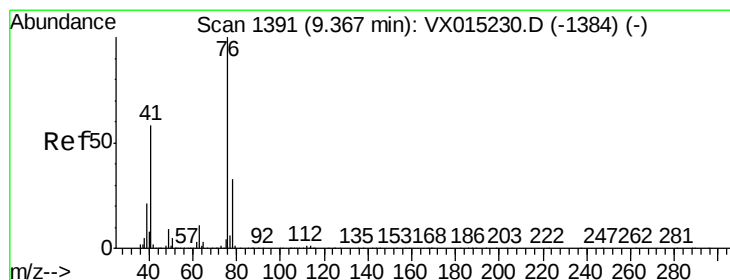
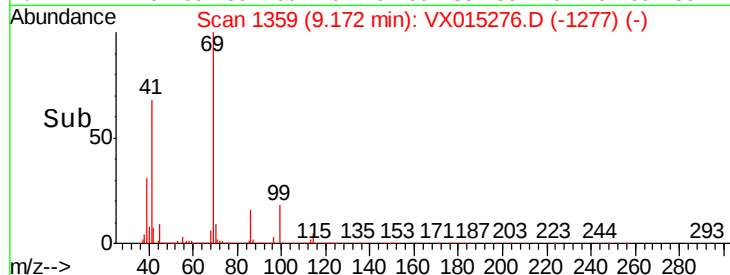
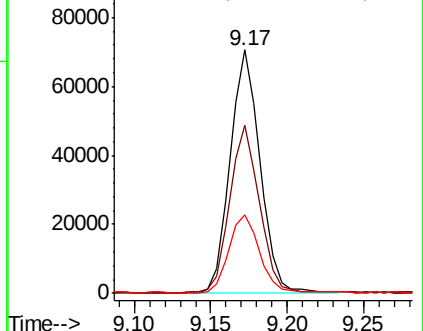
39 31.8 15.1 45.3



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: 20.358 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015276.D

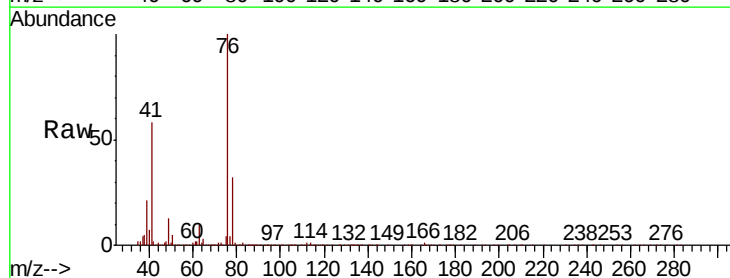
Acq: 13 Mar 2020 22:52

Tgt Ion: 76 Resp: 111226

Ion Ratio Lower Upper

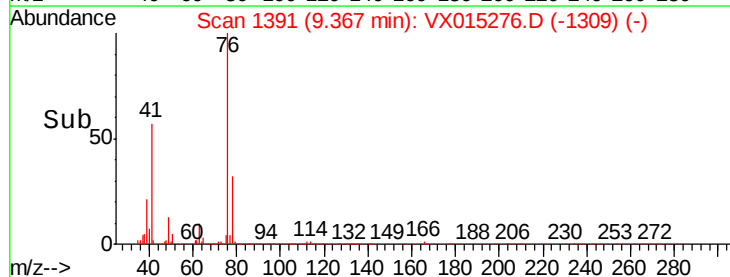
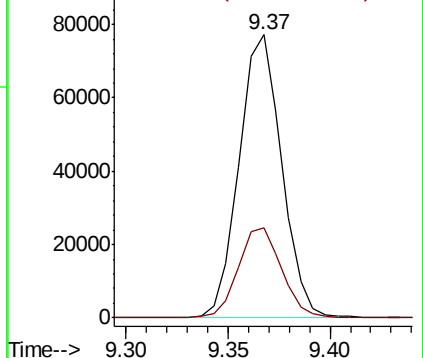
76 100

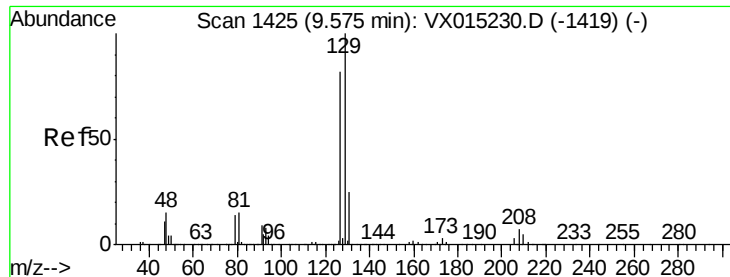
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.256 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

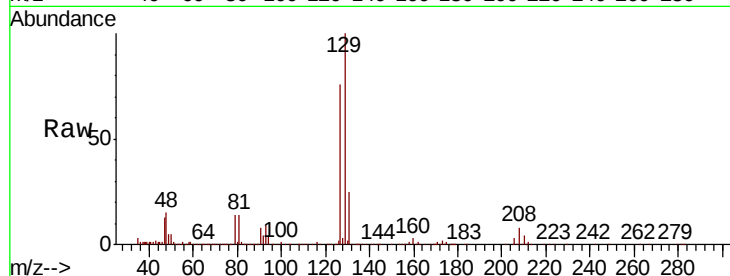
VX0313WBSD02

Tot Ion:129 Resp: 66200

Ion Ratio Lower Upper

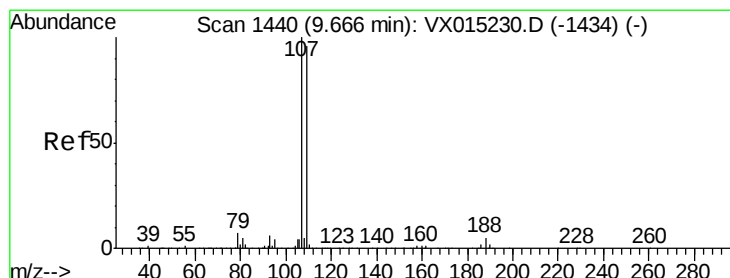
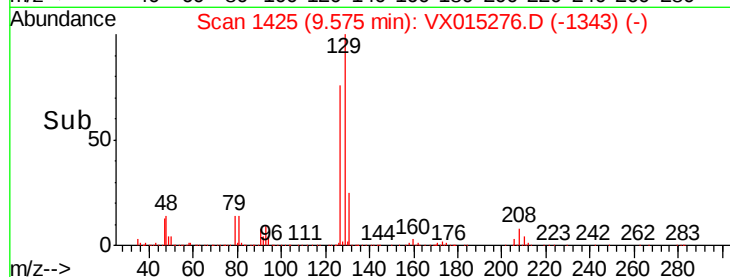
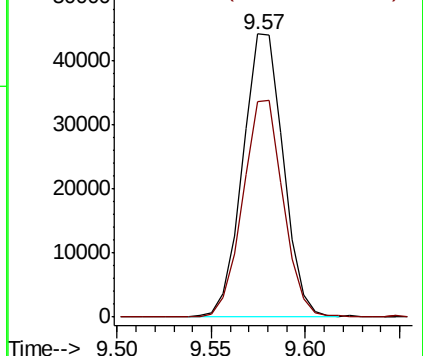
129 100

127 76.0 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.132 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015276.D

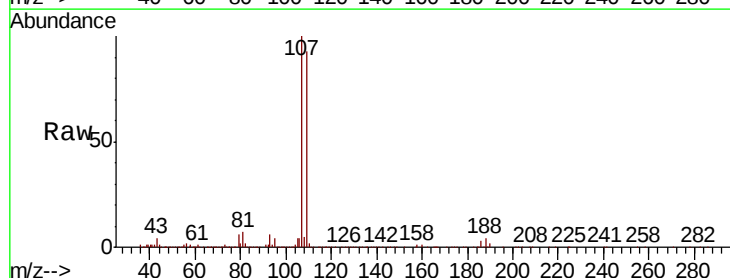
Acq: 13 Mar 2020 22:52

Tgt Ion:107 Resp: 67040

Ion Ratio Lower Upper

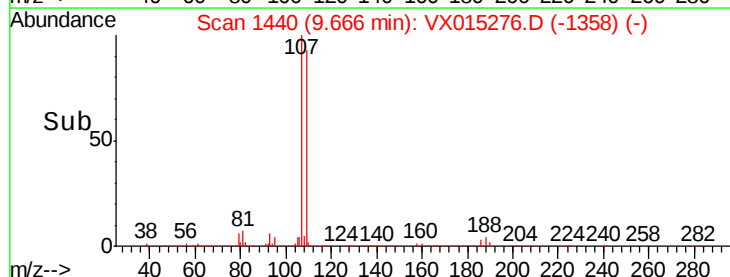
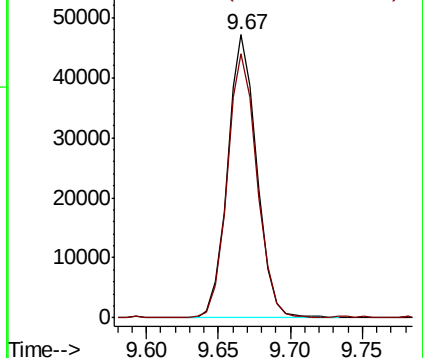
107 100

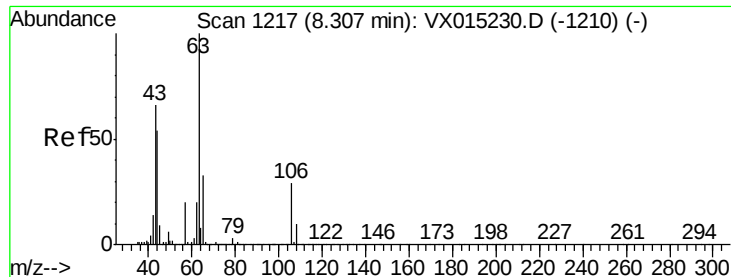
109 94.9 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 102.616 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

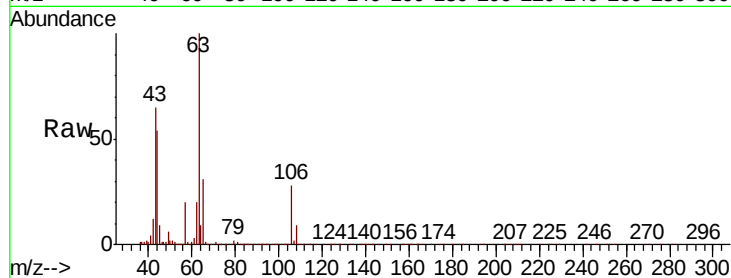
Tot Ion: 63 Resp: 258871

Ion Ratio Lower Upper

63 100

65 31.9 25.6 38.4

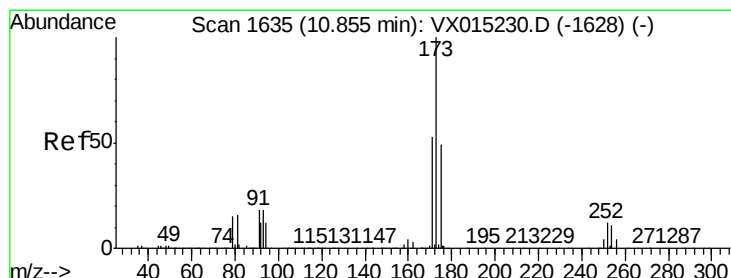
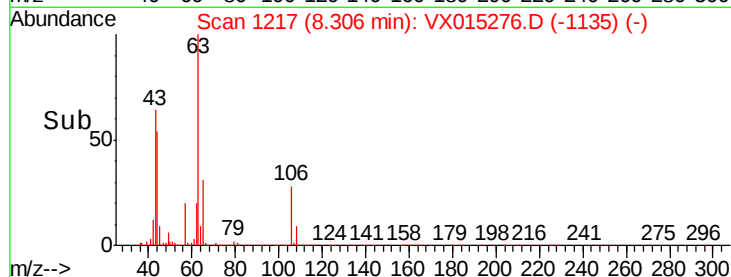
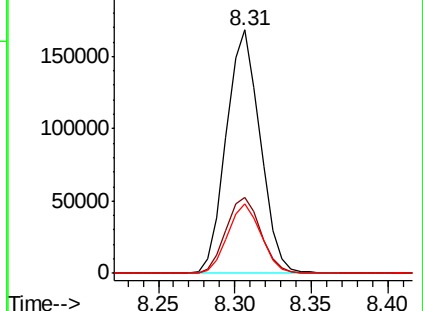
106 28.0 23.0 34.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 18.659 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

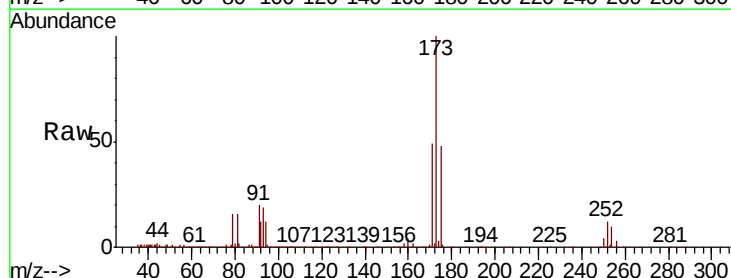
Tgt Ion: 173 Resp: 50294

Ion Ratio Lower Upper

173 100

175 48.3 38.9 58.3

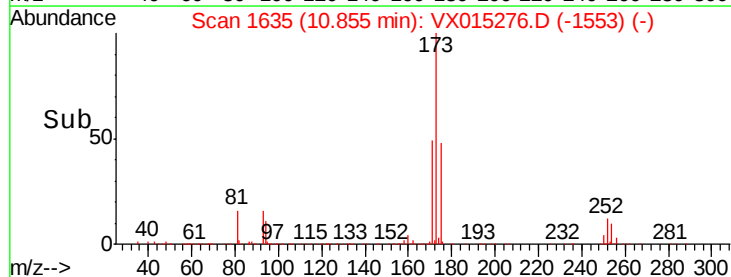
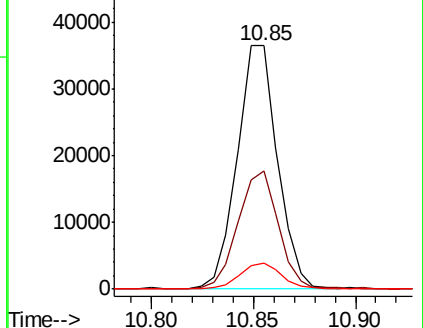
254 11.0 9.1 13.7

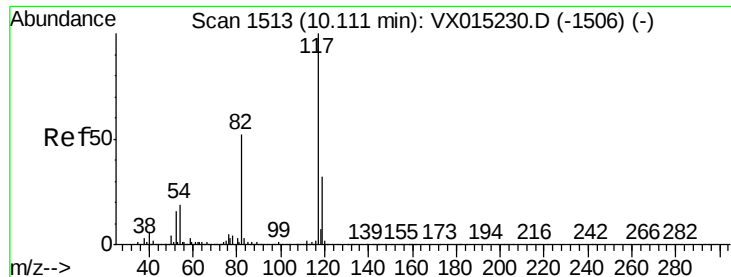


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

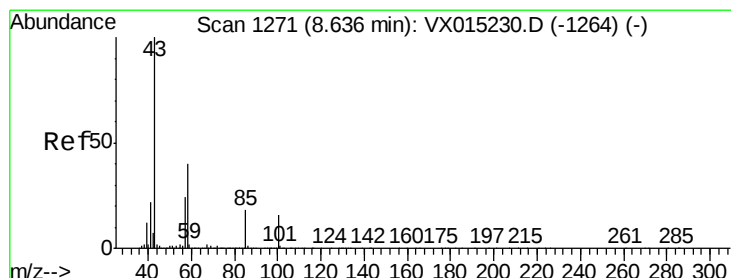
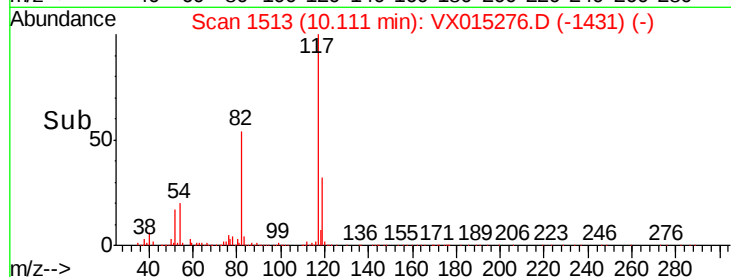
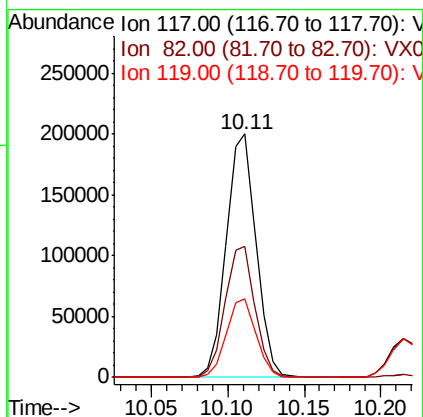
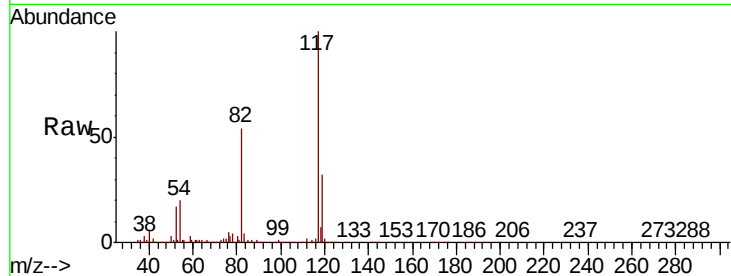




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

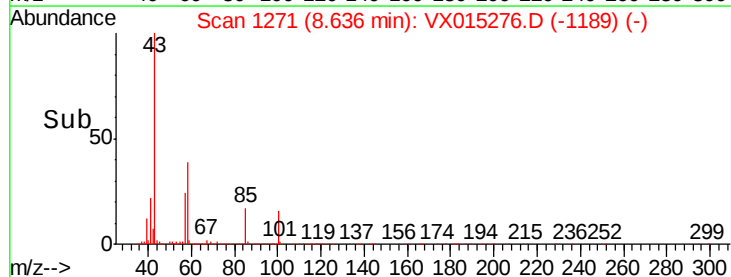
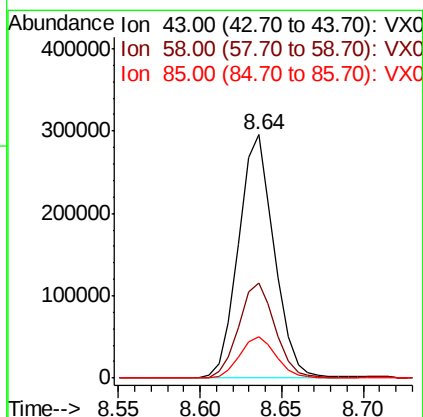
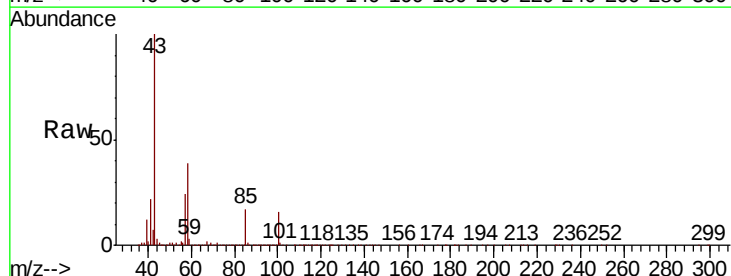
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

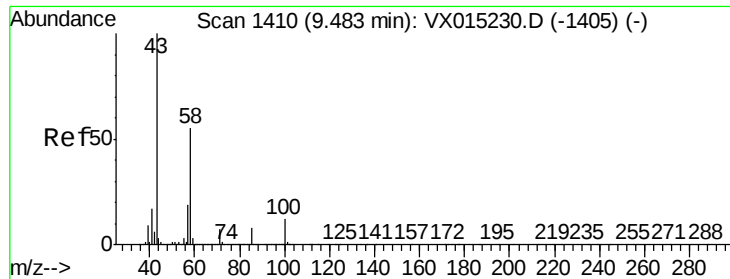
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.2	64.8
119	32.1	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 97.755 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.6	47.4
85	17.5	13.8	20.8





#59

2-Hexanone

Concen: 95.949 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

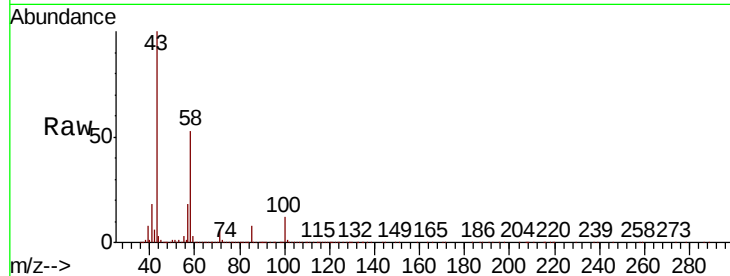
Tot Ion: 43 Resp: 333311

Ion Ratio Lower Upper

43 100

58 55.5 44.6 66.8

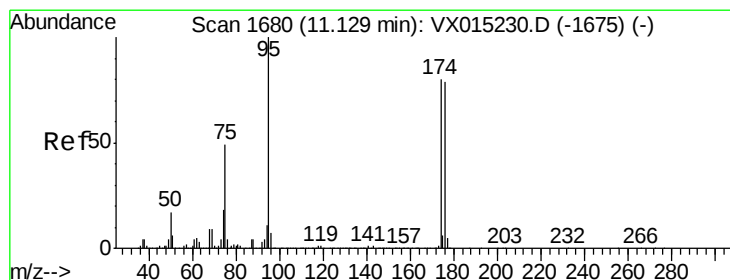
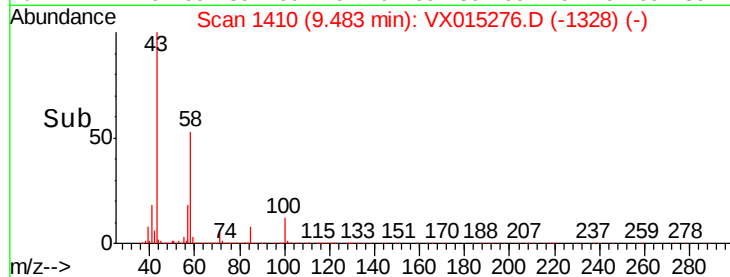
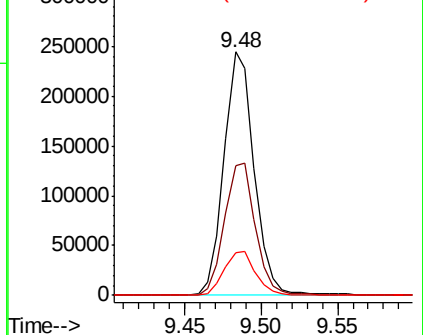
57 18.6 14.6 21.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 29.880 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

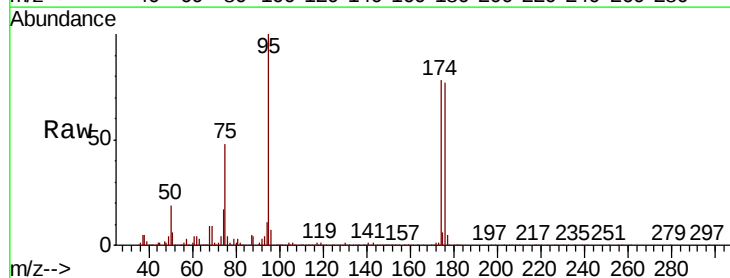
Tgt Ion: 95 Resp: 128411

Ion Ratio Lower Upper

95 100

174 88.7 72.0 108.0

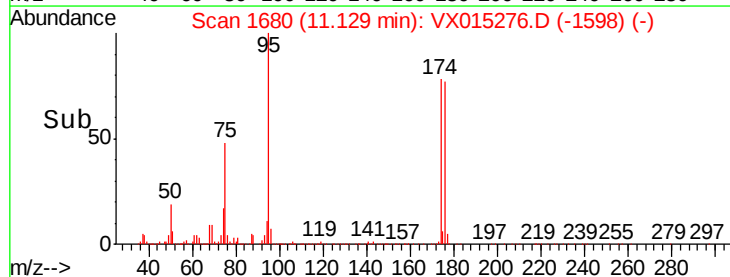
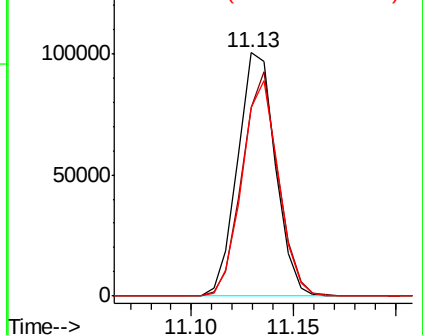
176 86.2 70.1 105.1

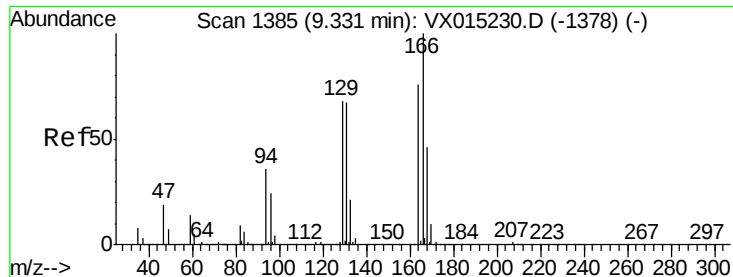


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 19.167 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion:164 Resp: 72032

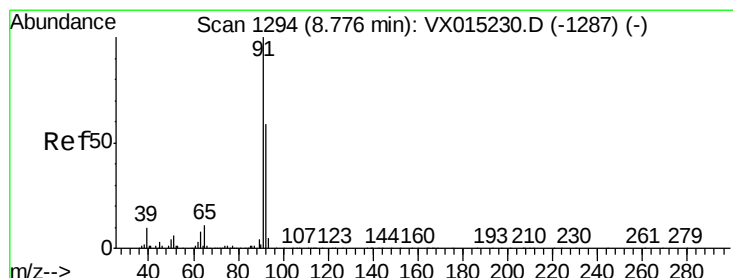
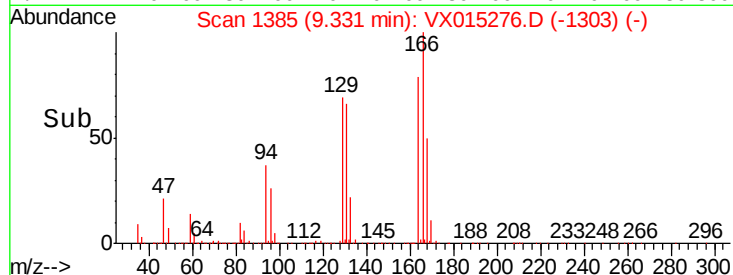
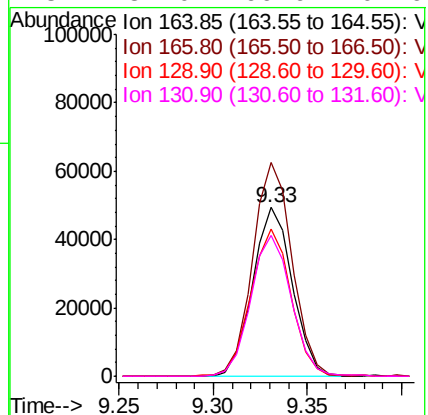
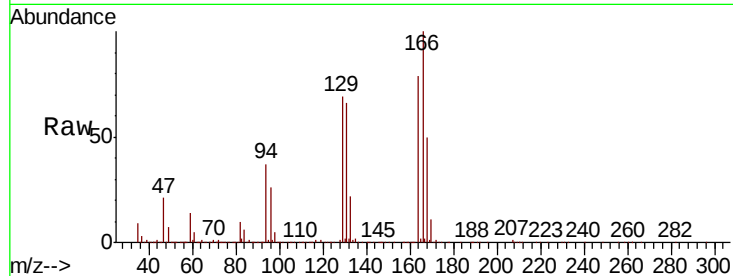
Ion Ratio Lower Upper

164 100

166 126.8 105.1 157.7

129 87.3 71.5 107.3

131 84.0 69.9 104.9



#62

Toluene

Concen: 19.461 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015276.D

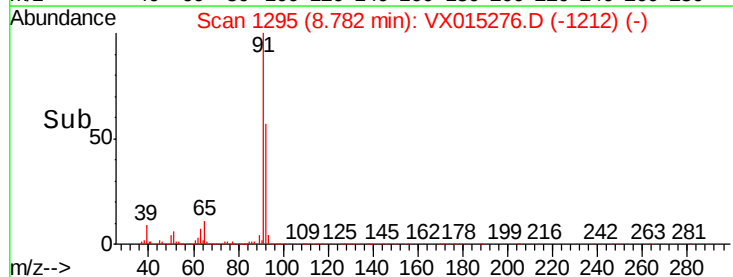
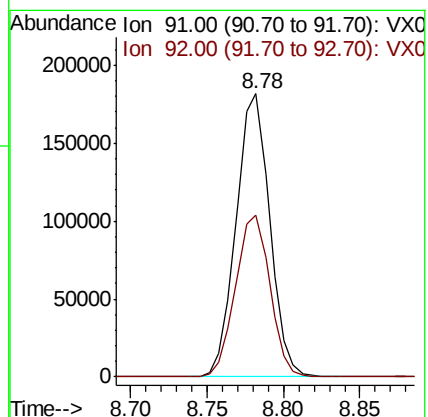
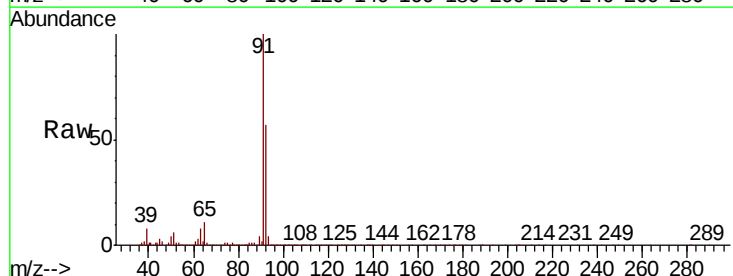
Acq: 13 Mar 2020 22:52

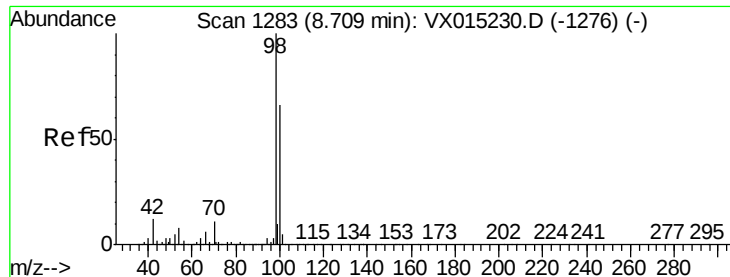
Tgt Ion: 91 Resp: 278030

Ion Ratio Lower Upper

91 100

92 58.5 47.1 70.7





#63

Toluene-d8

Concen: 30.096 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

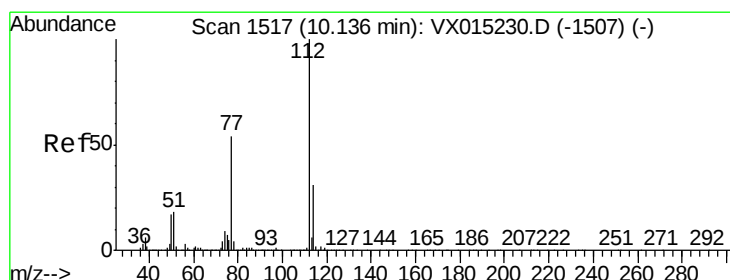
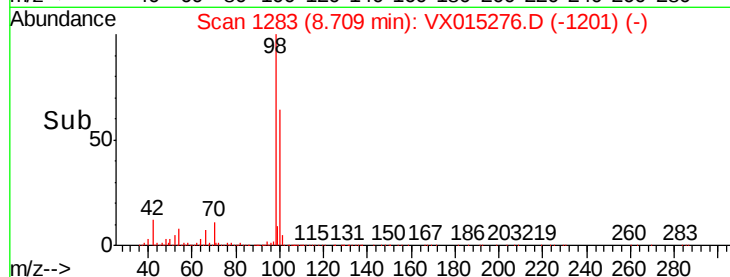
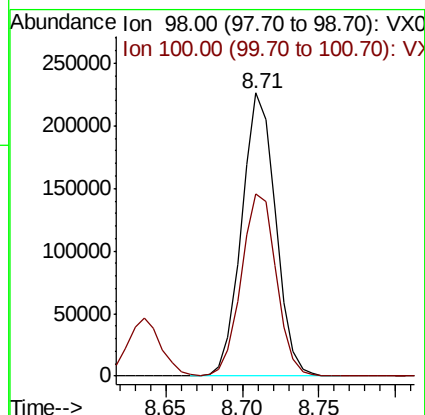
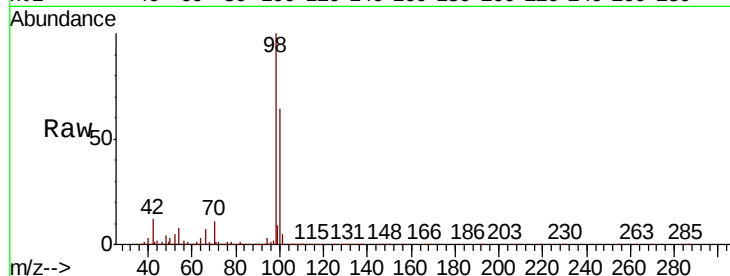
VX0313WBSD02

Tot Ion: 98 Resp: 348032

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



#64

Chlorobenzene

Concen: 19.071 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015276.D

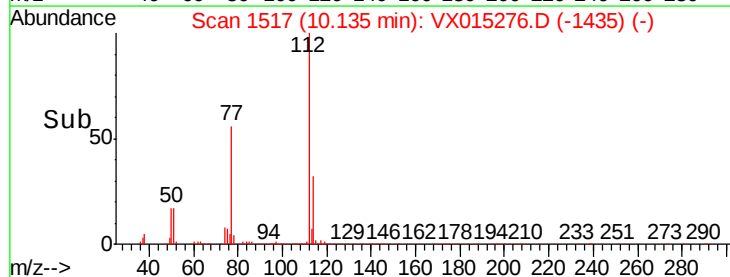
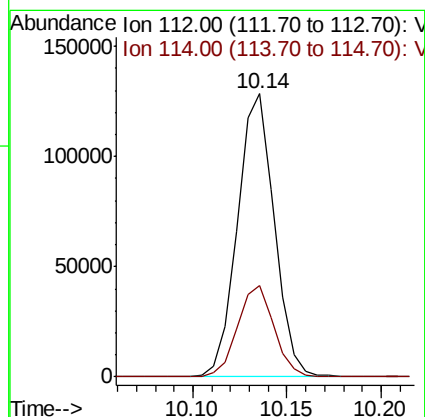
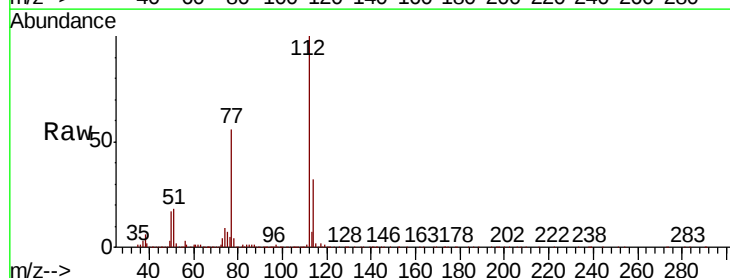
Acq: 13 Mar 2020 22:52

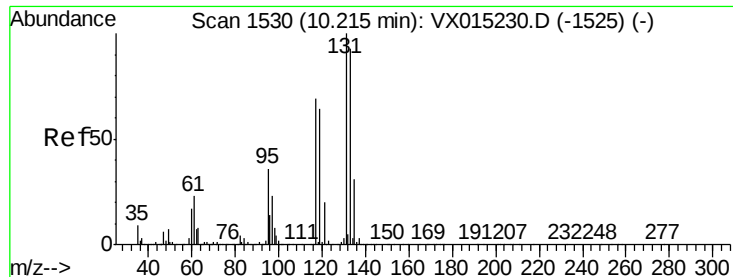
Tgt Ion: 112 Resp: 174087

Ion Ratio Lower Upper

112 100

114 32.1 24.8 37.2

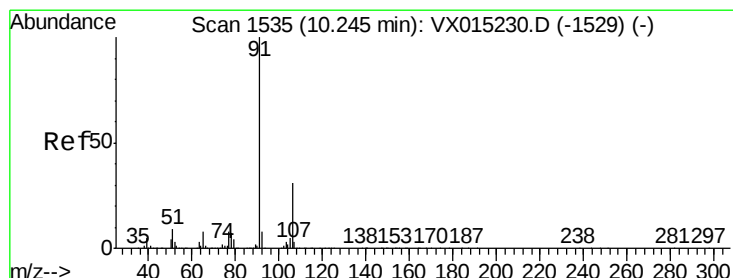
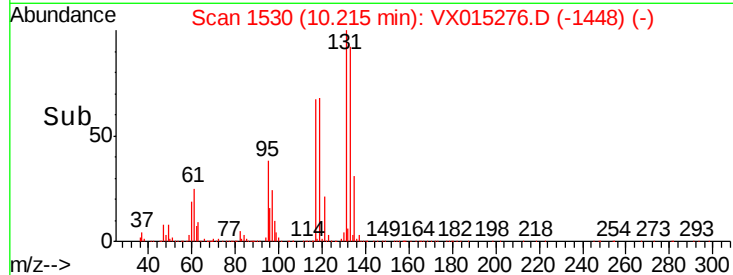
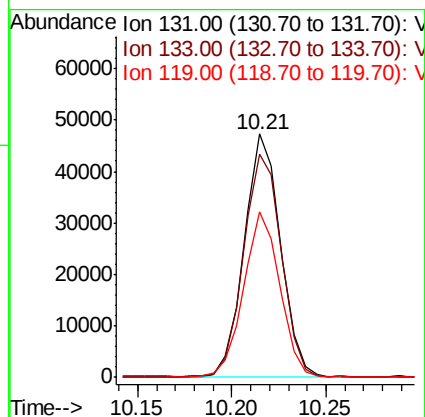
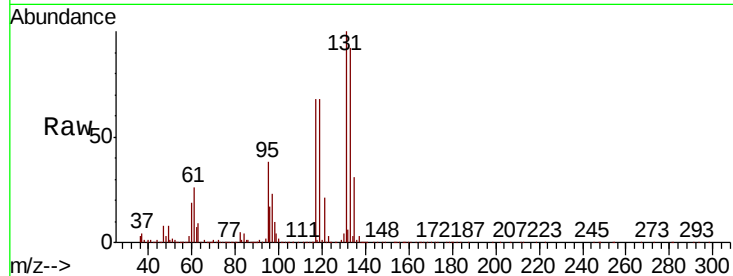




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.849 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

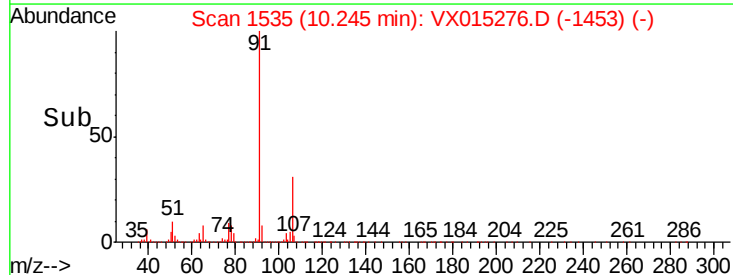
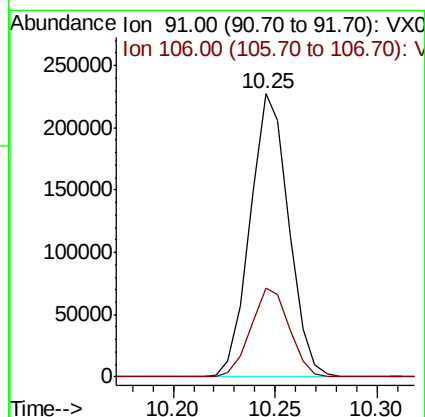
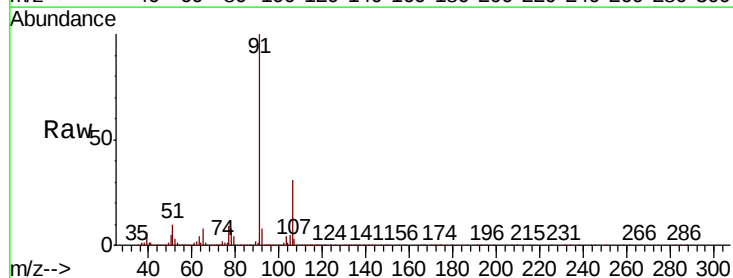
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

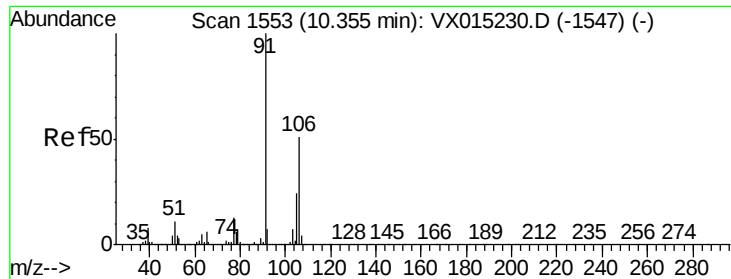
Tot Ion:131 Resp: 63374
 Ion Ratio Lower Upper
 131 100
 133 94.8 0.0 188.0
 119 67.3 0.0 131.0



#66
 Ethyl Benzene
 Concen: 18.807 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion: 91 Resp: 299307
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.9 37.3

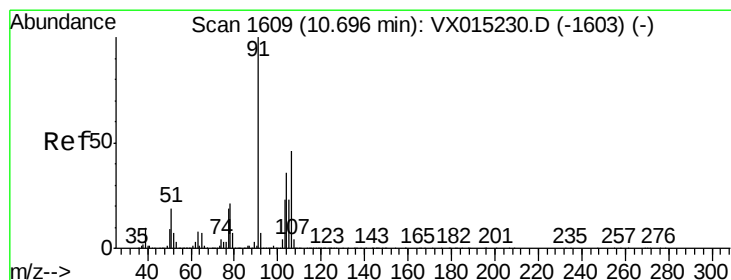
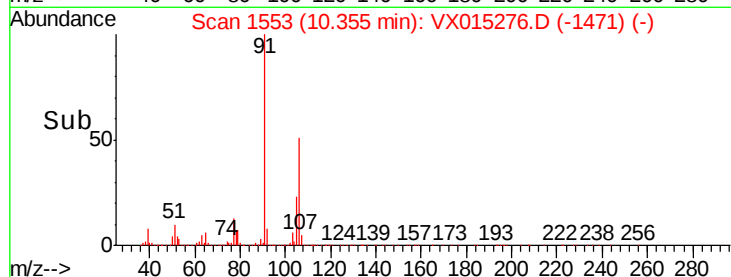
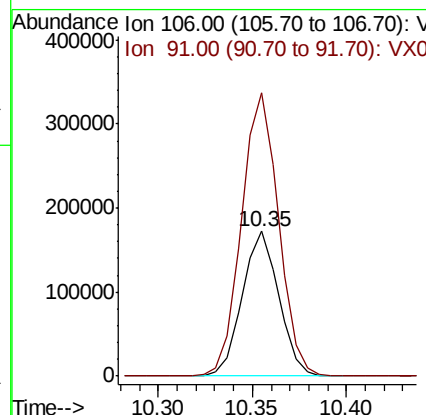
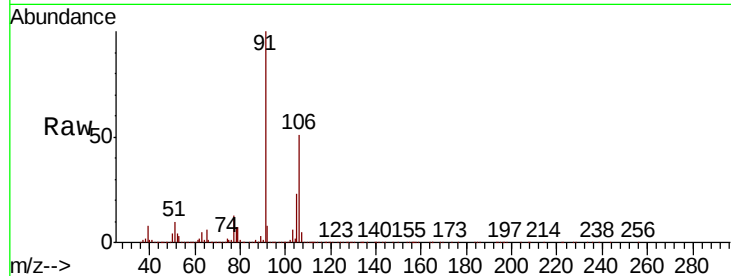




#67
m/p-Xylenes
Concen: 37.800 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

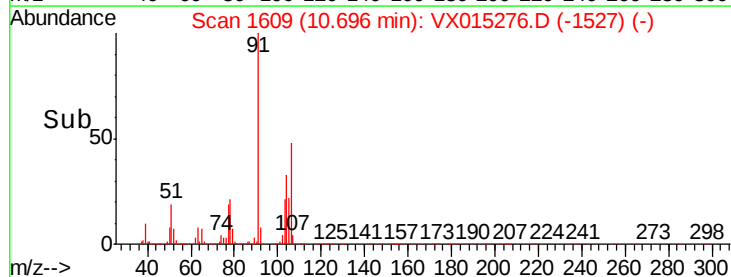
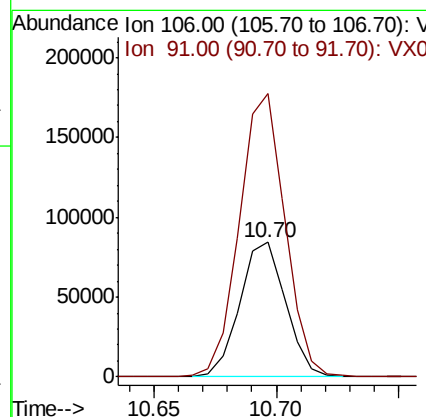
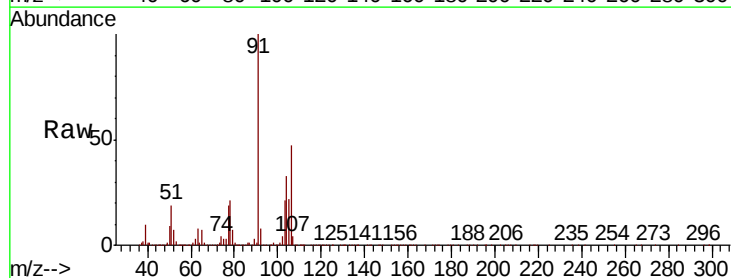
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

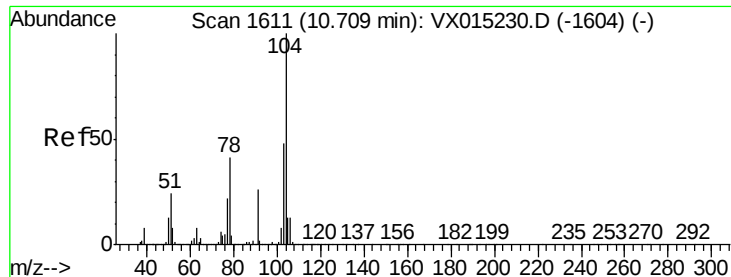
Tot Ion:106 Resp: 230918
Ion Ratio Lower Upper
106 100
91 198.7 160.1 240.1



#68
o-Xylene
Concen: 18.779 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion:106 Resp: 109991
Ion Ratio Lower Upper
106 100
91 209.3 106.4 319.2





#69

Stvrene

Concen: 18.689 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

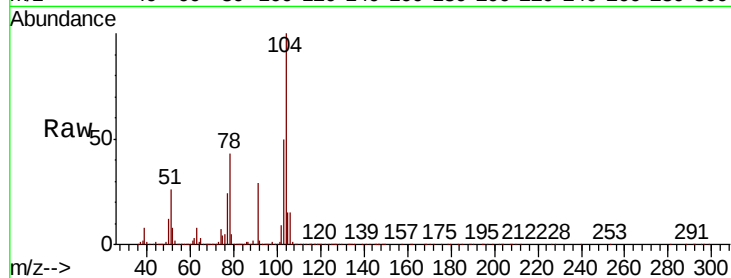
Tot Ion:104 Resp: 190504

Ion Ratio Lower Upper

104 100

78 48.0 38.9 58.3

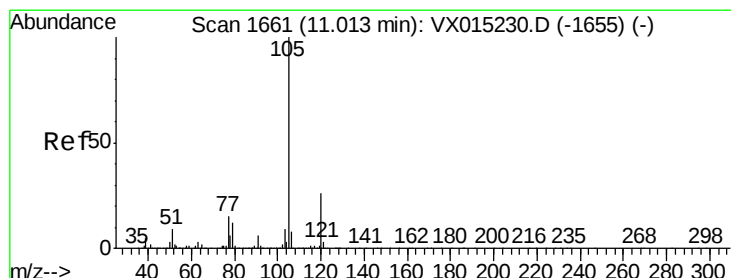
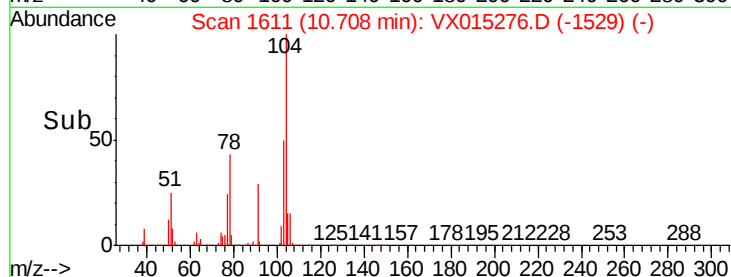
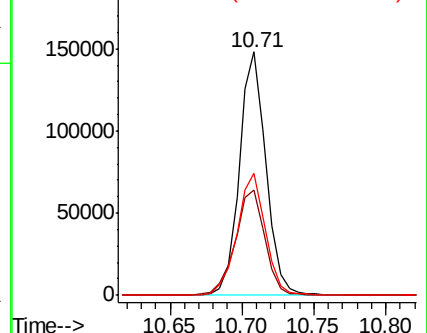
103 53.4 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.747 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015276.D

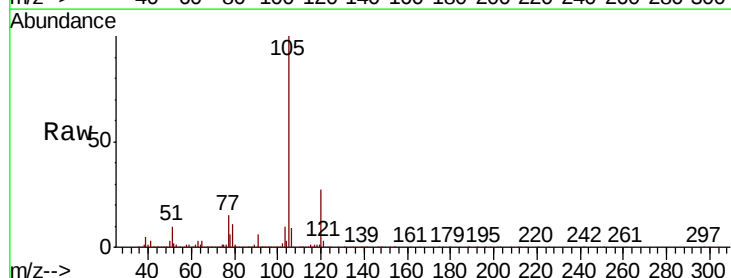
Acq: 13 Mar 2020 22:52

Tgt Ion:105 Resp: 292246

Ion Ratio Lower Upper

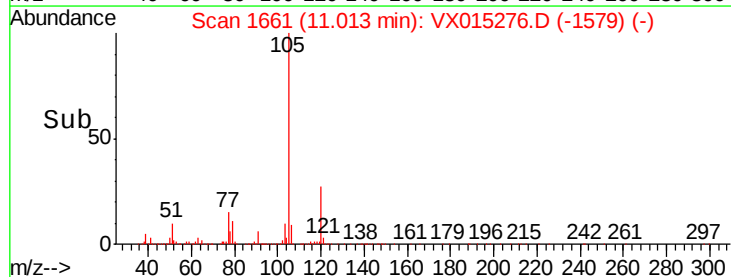
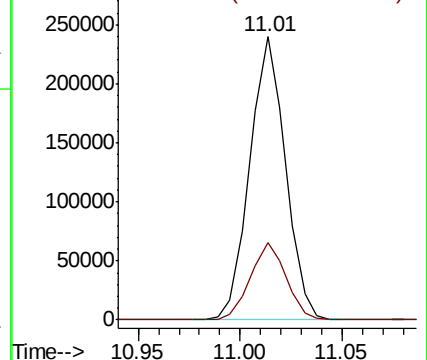
105 100

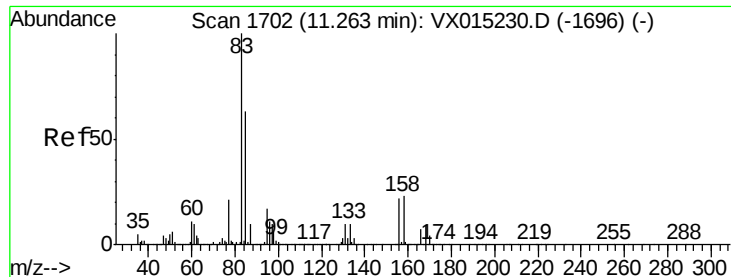
120 27.0 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

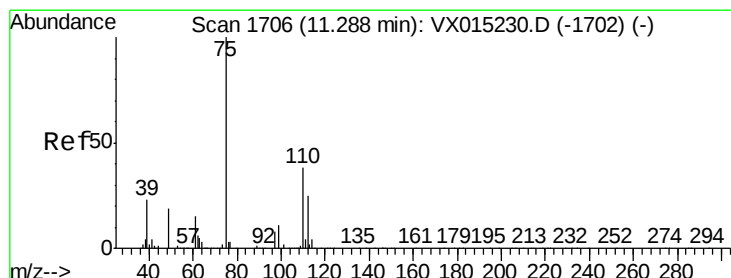
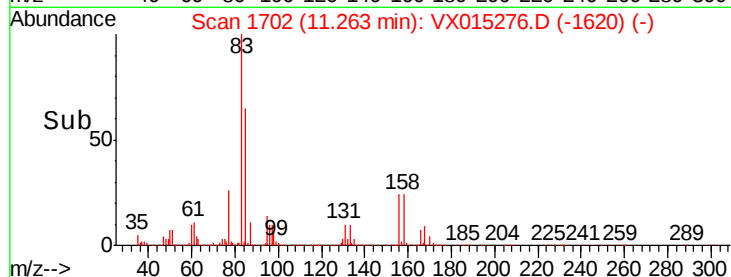
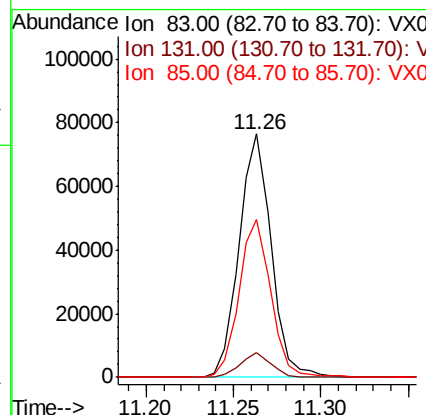
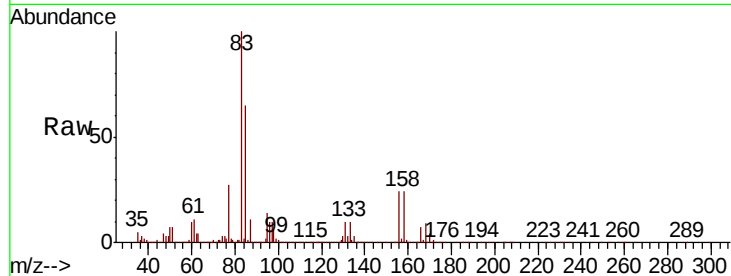




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.255 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

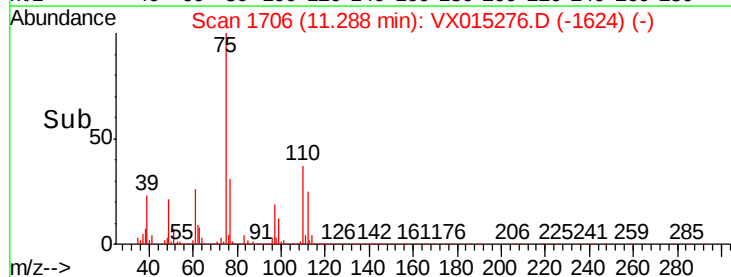
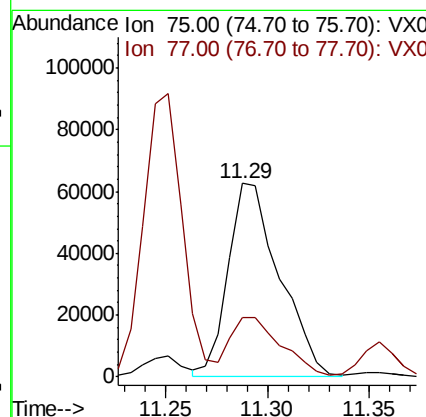
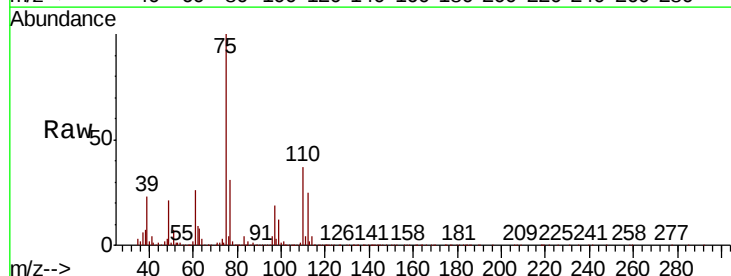
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

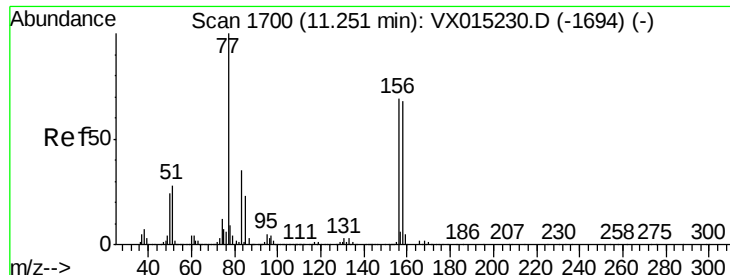
Tot Ion	83	Resp	97439
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.1	31.8	95.4



#72
 1,2,3-Trichloropropane
 Concen: 26.342 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	75	Resp	109111
Ion Ratio	Lower	Upper	
75	100		
77	30.3	0.0	83.0





#73

Bromobenzene

Concen: 18.672 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

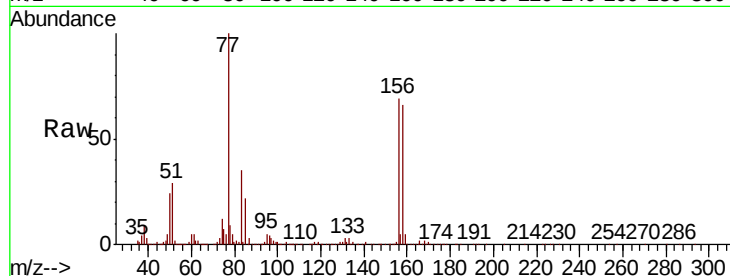
Tot Ion:156 Resp: 79386

Ion Ratio Lower Upper

156 100

77 153.6 0.0 305.0

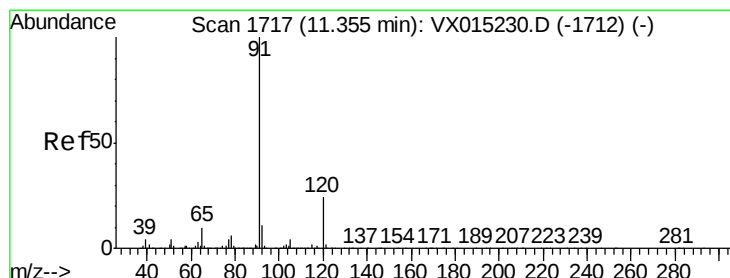
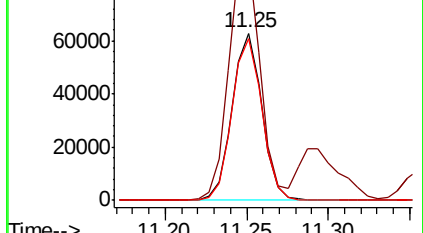
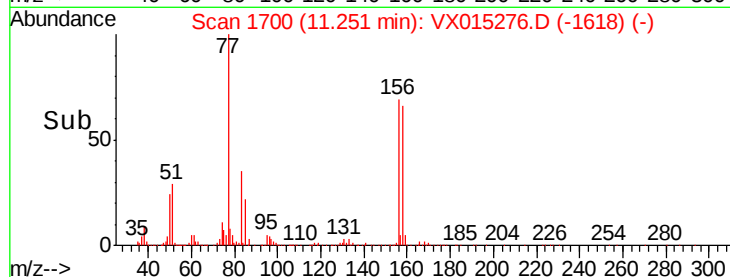
158 98.1 0.0 197.2



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: 18.677 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015276.D

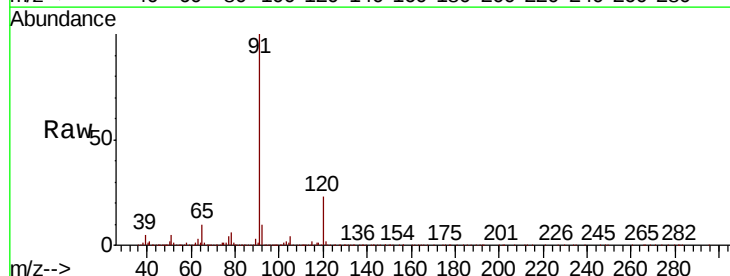
Acq: 13 Mar 2020 22:52

Tgt Ion: 91 Resp: 343970

Ion Ratio Lower Upper

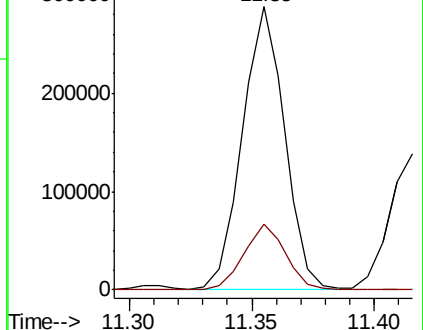
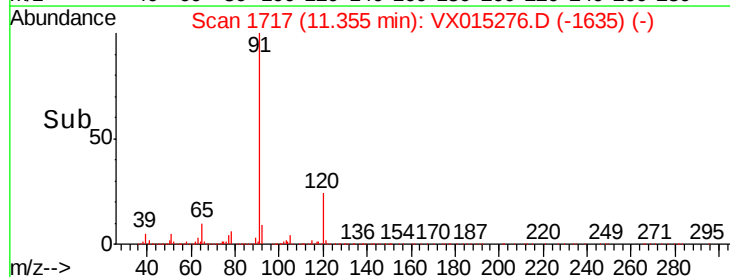
91 100

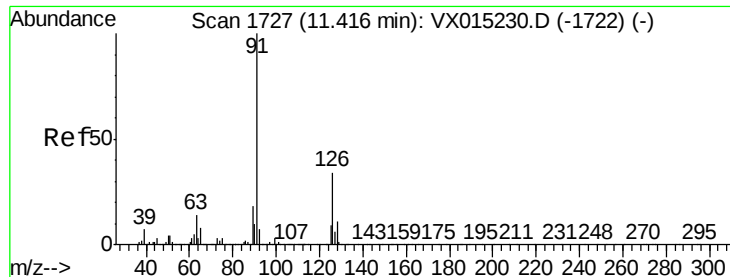
120 22.8 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 16.204 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

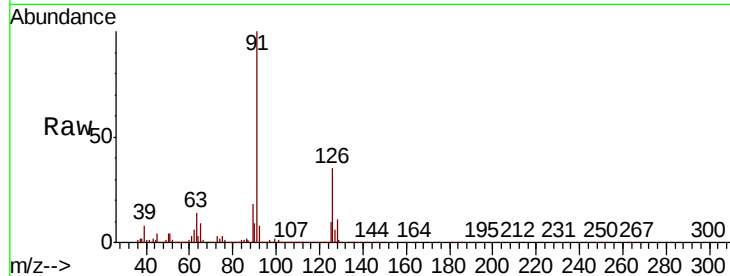
VX0313WBSD02

Tot Ion: 91 Resp: 174245

Ion Ratio Lower Upper

91 100

126 35.1 0.0 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

300000

200000

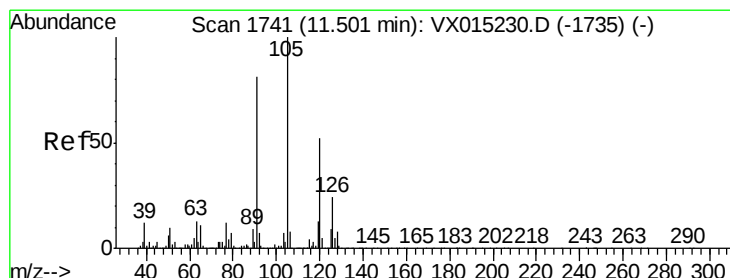
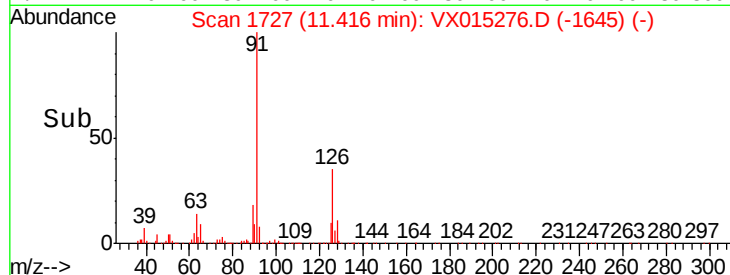
100000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 16.041 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015276.D

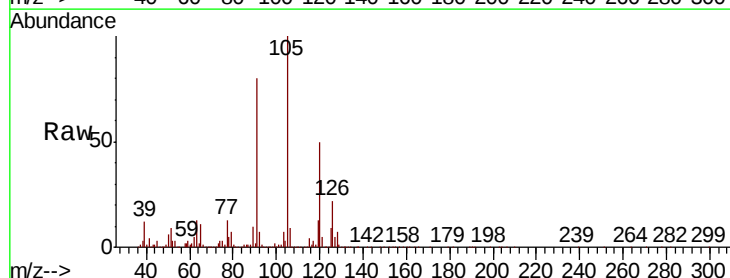
Acq: 13 Mar 2020 22:52

Tgt Ion:105 Resp: 213471

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

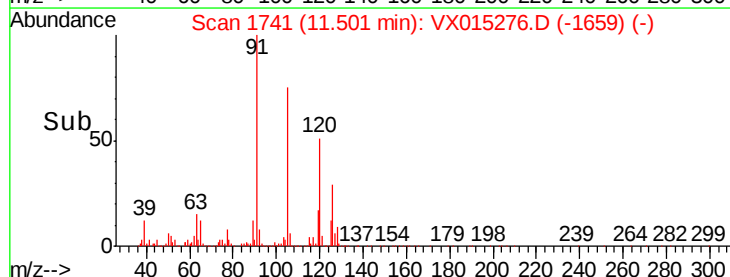
50000

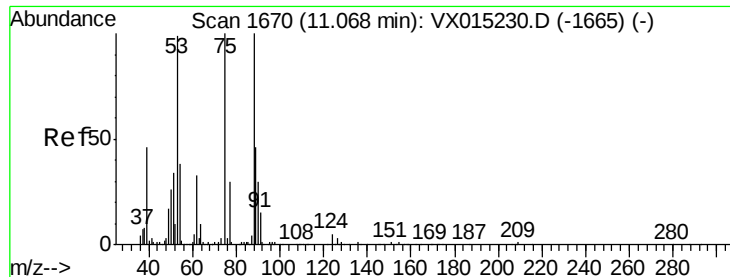
0

11.50

11.55

Time-->

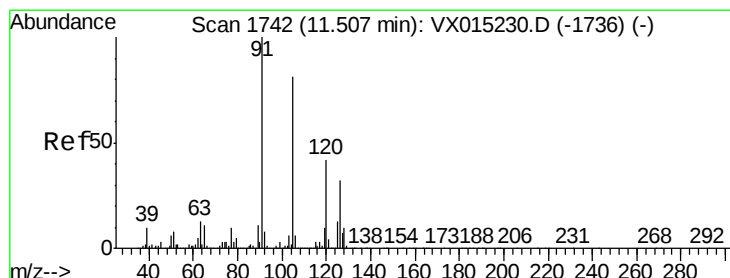
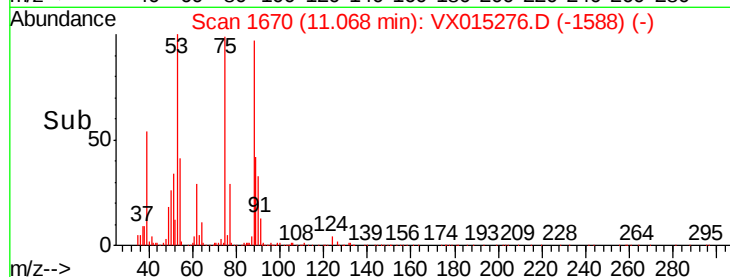
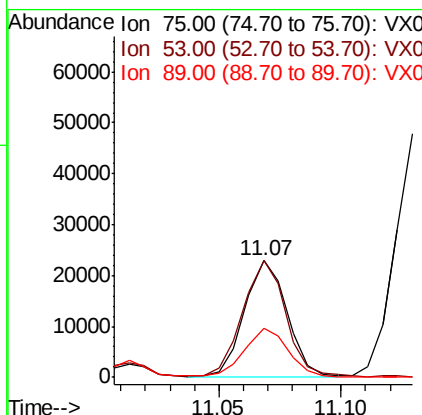
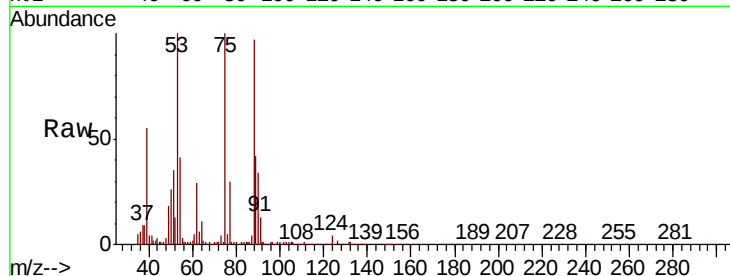




#77
t-1,4-Dichloro-2-butene
Concen: 15.890 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

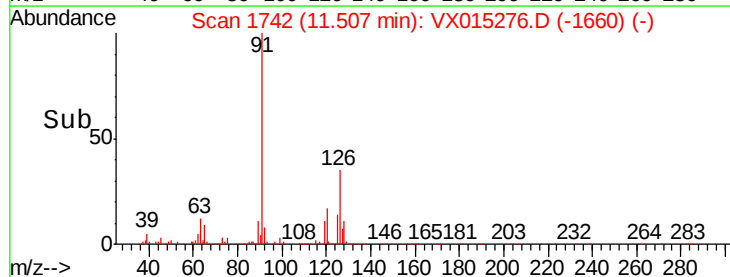
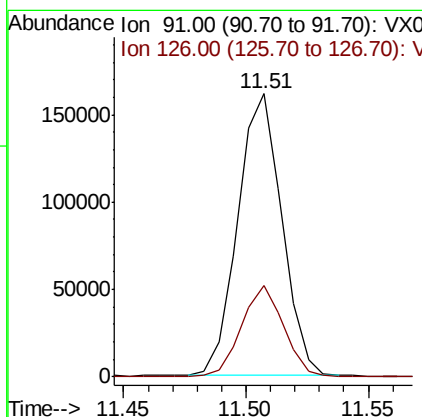
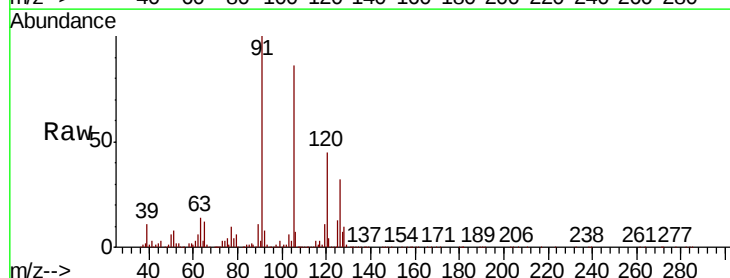
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

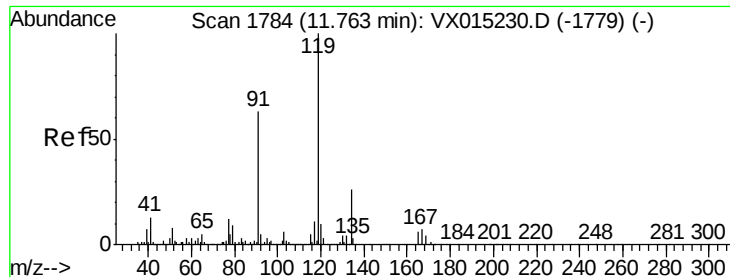
Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	49.5	148.3
89	41.9	22.9	68.8



#78
4-Chlorotoluene
Concen: 16.292 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	61.4

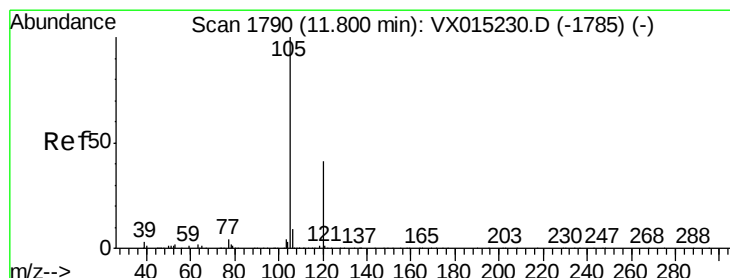
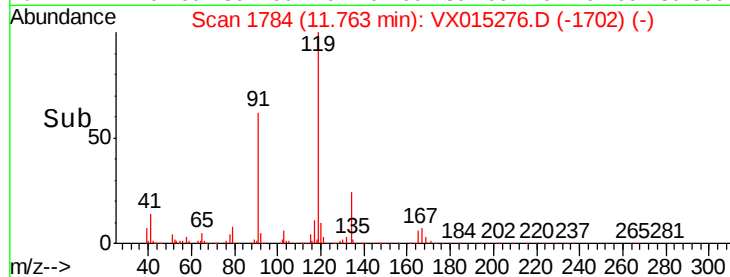
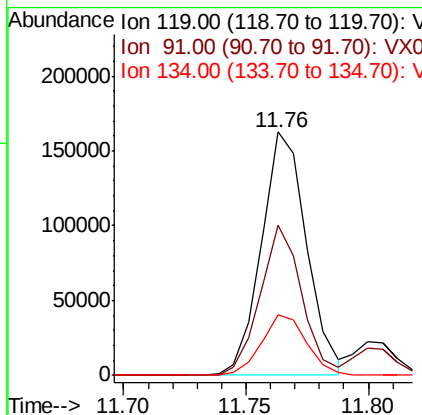
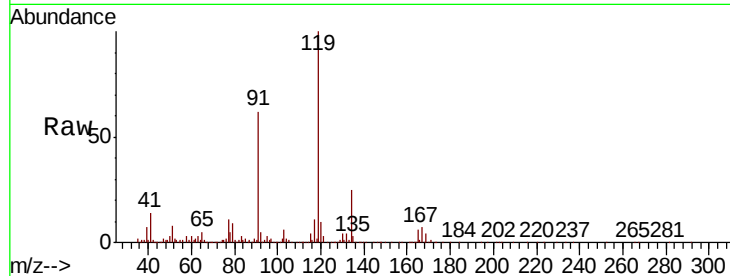




#79
tert-butylbenzene
Concen: 16.921 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

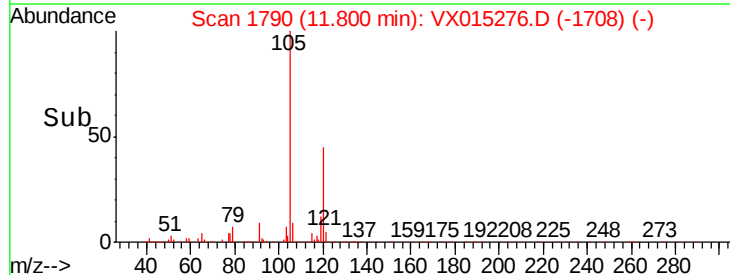
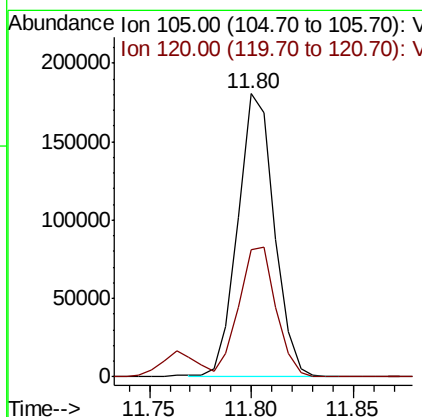
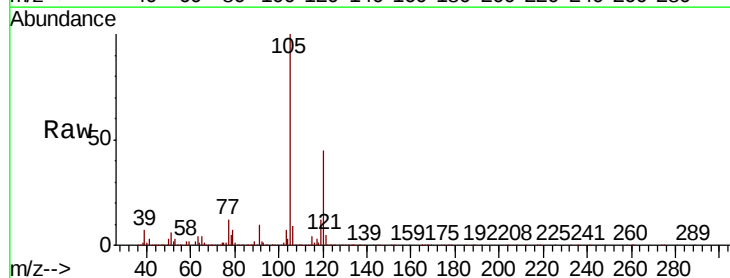
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

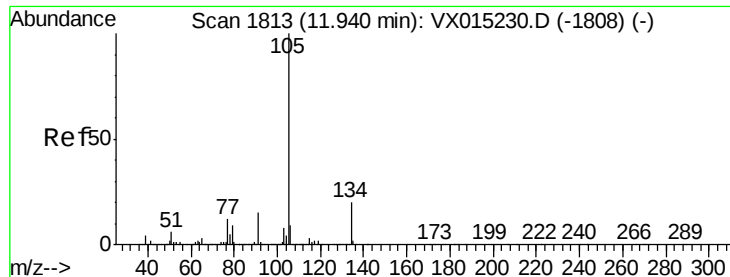
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	0.0	115.4
134	24.8	0.0	49.4



#80
1,2,4-Trimethylbenzene
Concen: 17.017 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	0.0	93.2





#81

sec-Butylbenzene

Concen: 17.284 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

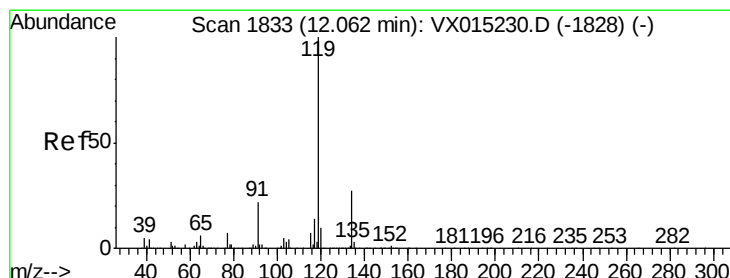
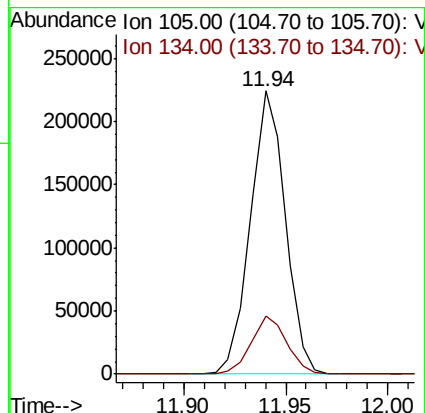
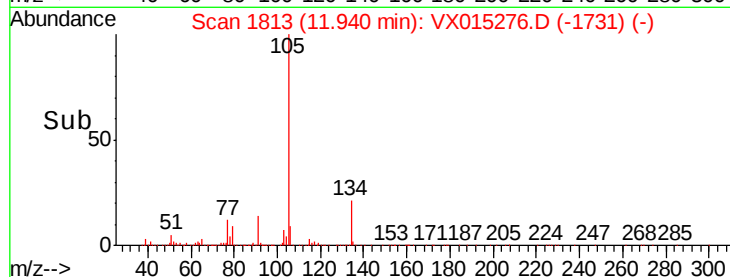
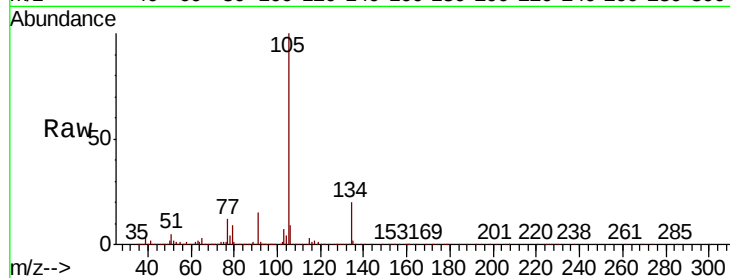
VX0313WBSD02

Tot Ion:105 Resp: 267635

Ion Ratio Lower Upper

105 100

134 20.7 0.0 40.8



#82

p-Isopropyltoluene

Concen: 17.471 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

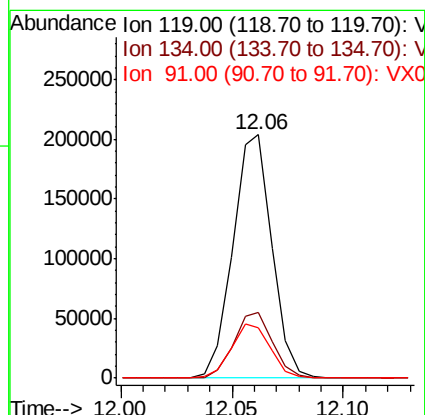
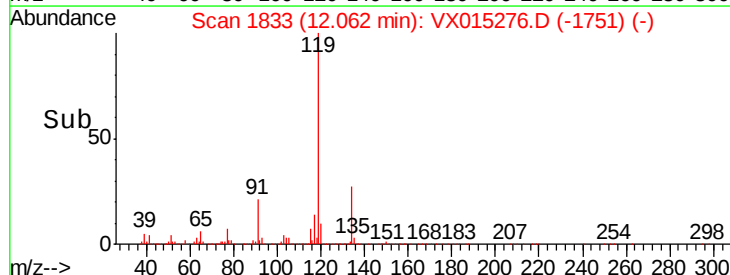
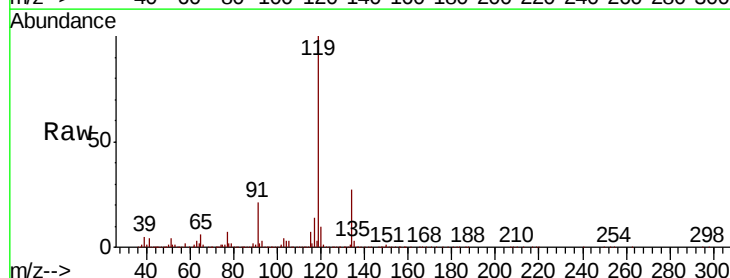
Tgt Ion:119 Resp: 248775

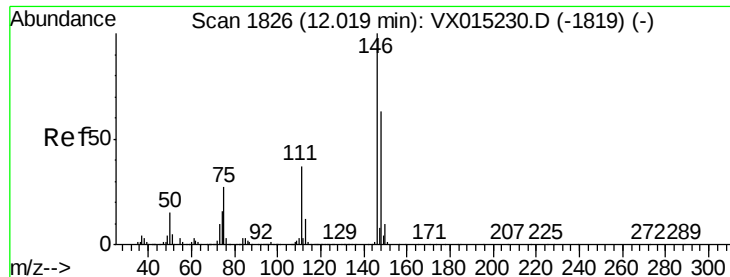
Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.6

91 22.0 0.0 43.6





#83

1,3-Dichlorobenzene

Concen: 17.668 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

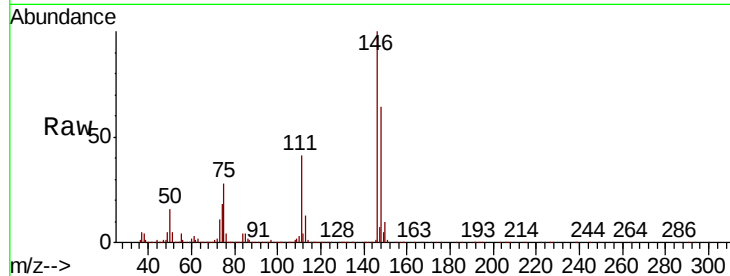
Tot Ion:146 Resp: 132726

Ion Ratio Lower Upper

146 100

111 38.2 18.8 56.4

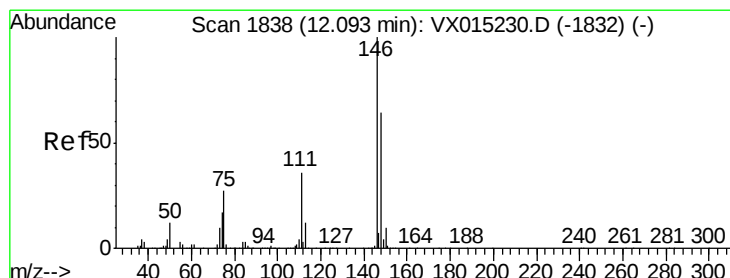
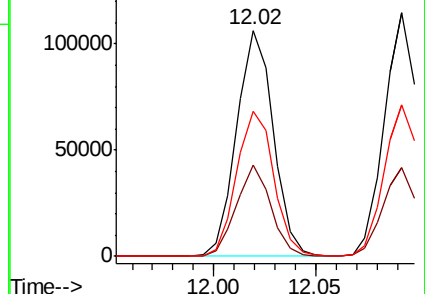
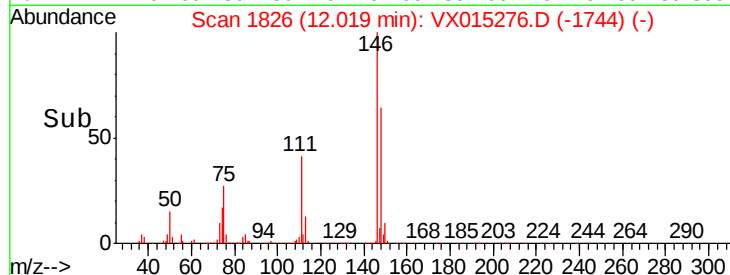
148 64.7 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.167 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

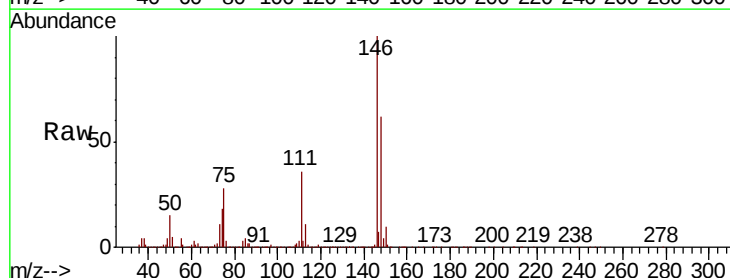
Tgt Ion:146 Resp: 136506

Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.0

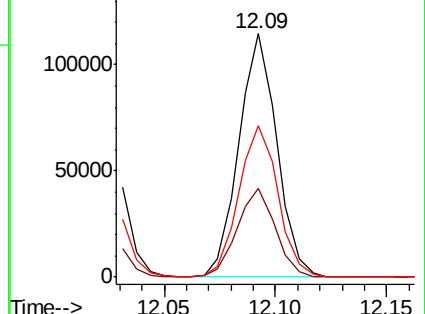
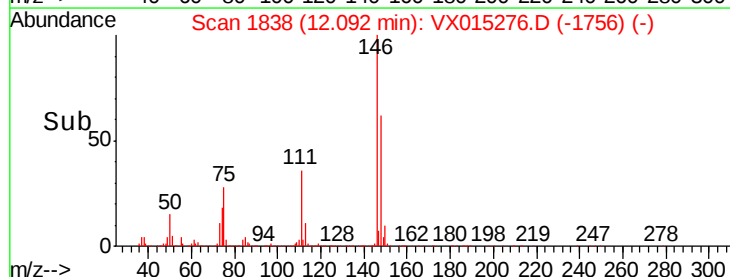
148 63.7 31.9 95.9

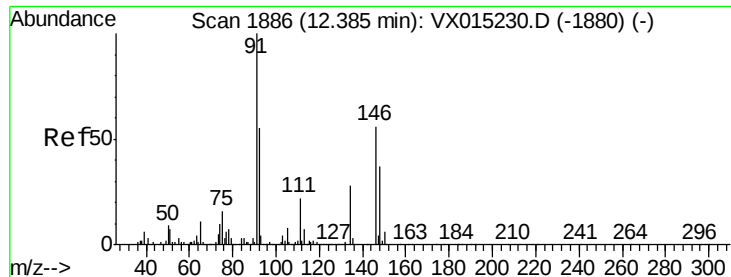


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

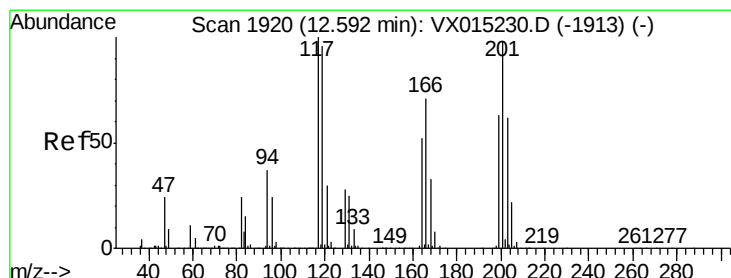
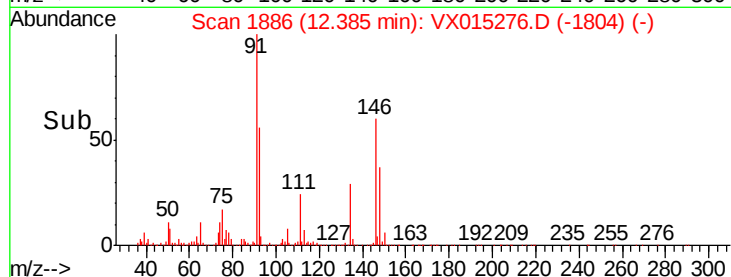
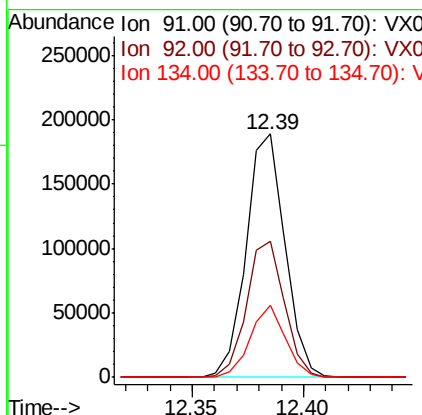
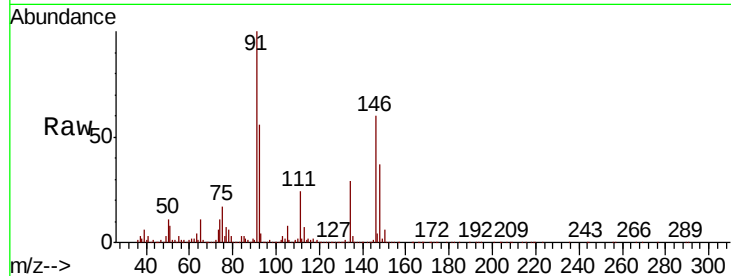




#85
n-Butylbenzene
Concen: 18.367 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

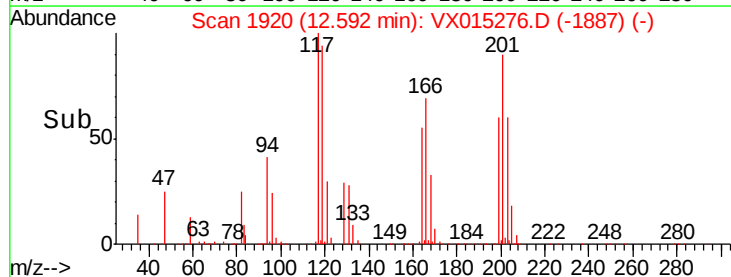
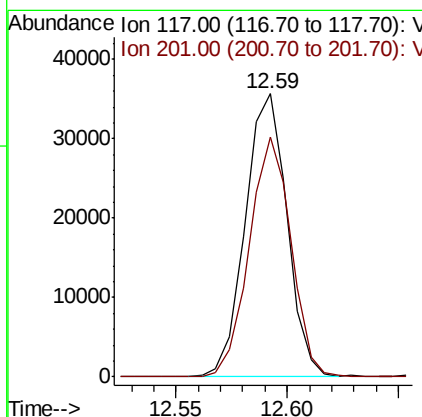
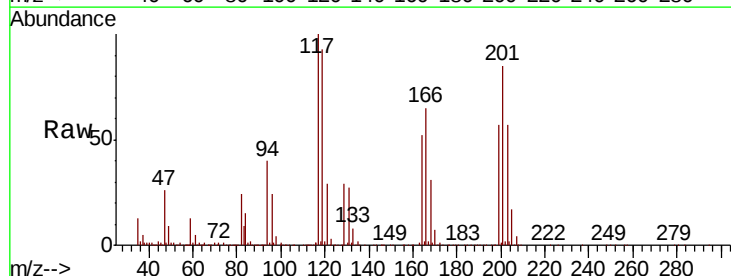
Instrument :
MSVOA_X
ClientSampleID :
VX0313WBSD02

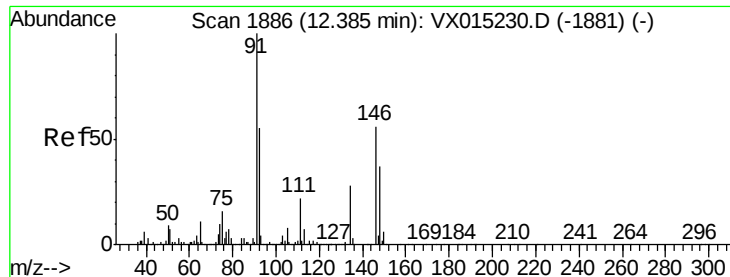
Tot Ion: 91 Resp: 229193
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.4
134 26.7 0.0 53.0



#86
Hexachloroethane
Concen: 18.657 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion: 117 Resp: 46505
Ion Ratio Lower Upper
117 100
201 84.7 47.8 143.3





#87

1,2-Dichlorobenzene

Concen: 19.280 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

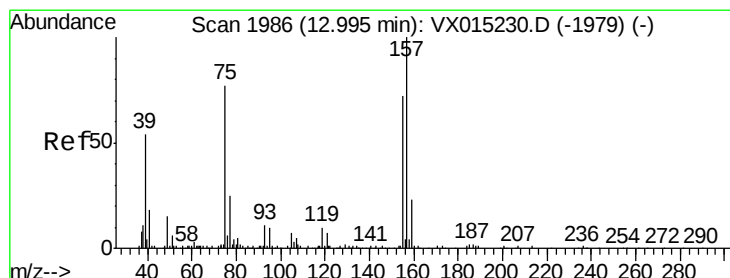
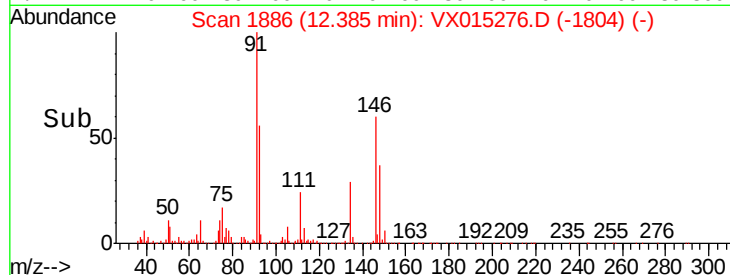
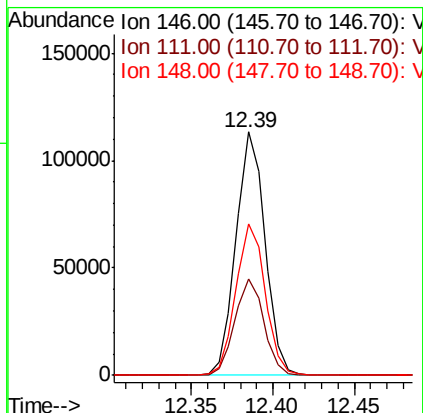
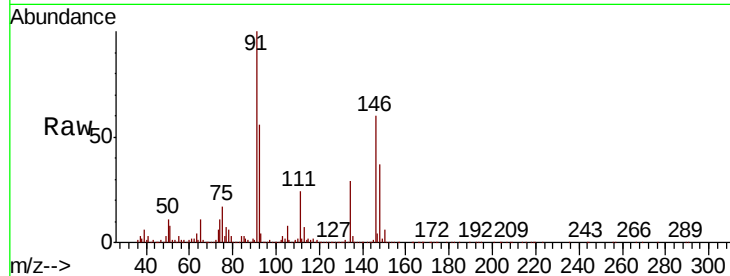
Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion:	146	Resp:	141217
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	62.9	32.4	97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.617 ug/l

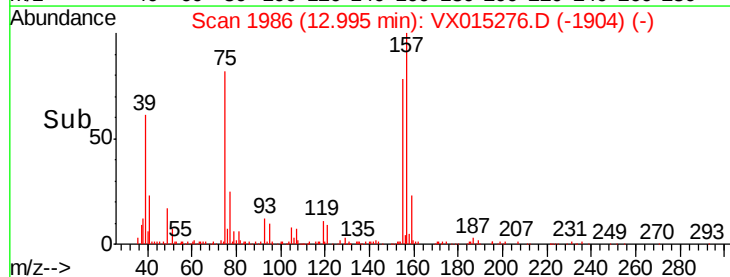
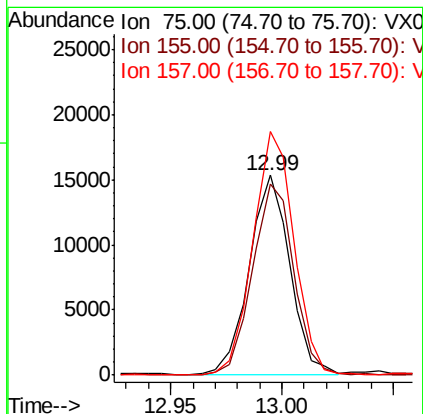
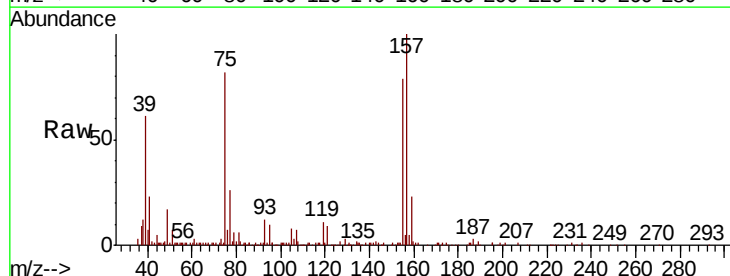
RT: 12.99 min Scan# 1986

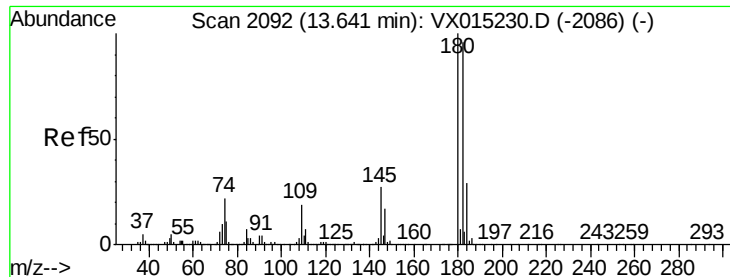
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	75	Resp:	19397
Ion	Ratio	Lower	Upper
75	100		
155	97.8	77.5	116.3
157	123.8	103.0	154.4

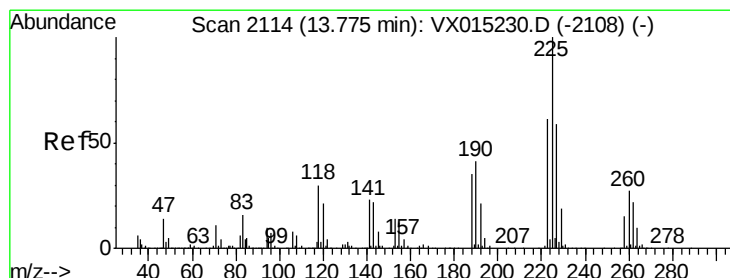
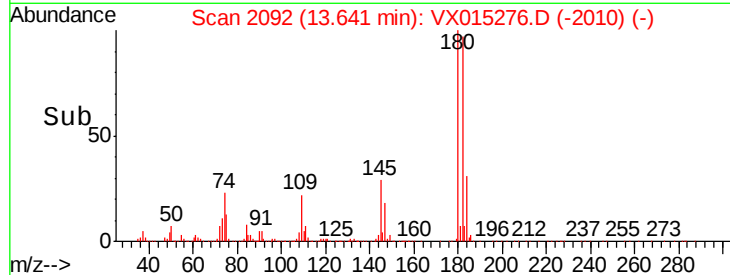
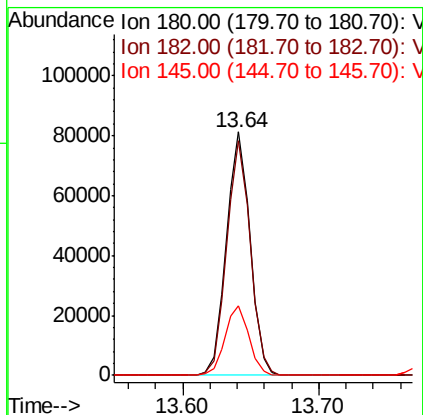
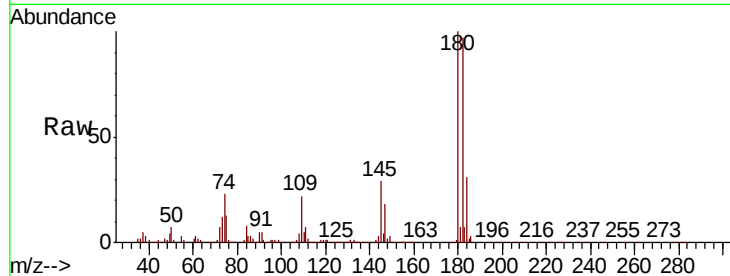




#89
 1,2,4-Trichlorobenzene
 Concen: 18.146 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

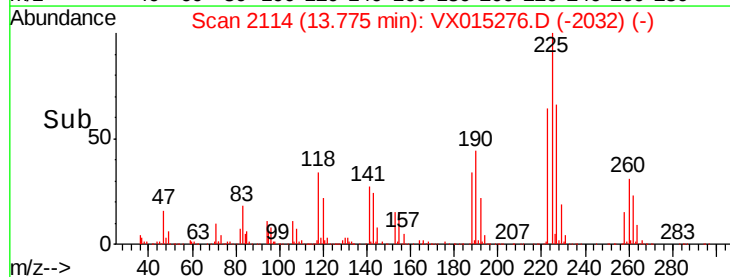
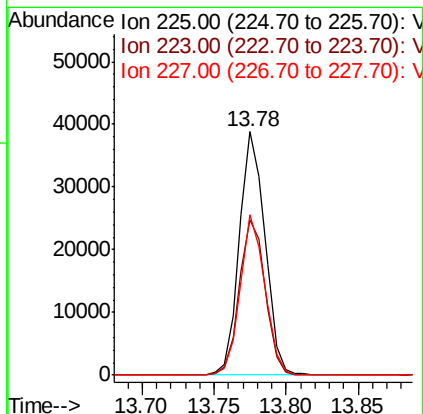
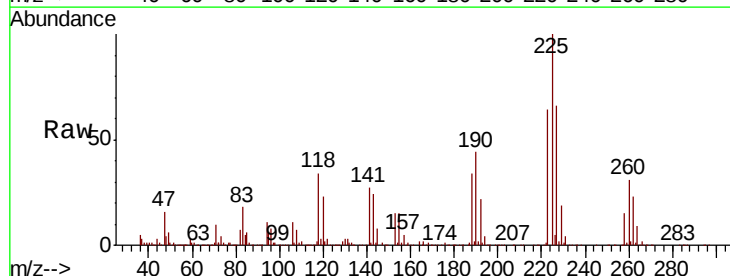
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

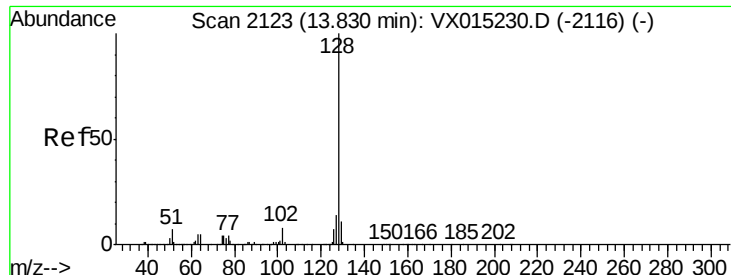
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	115.0
145	28.8	22.7	34.1



#90
 Hexachlorobutadiene
 Concen: 17.331 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	125.0
227	63.0	0.0	126.2

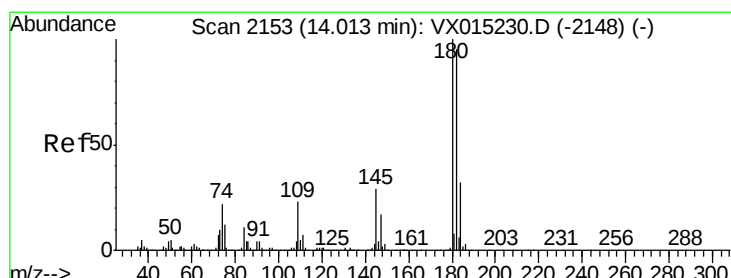
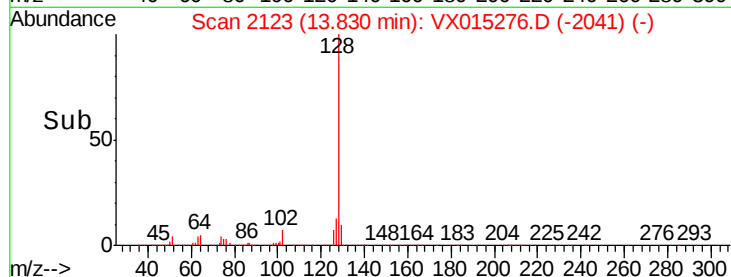
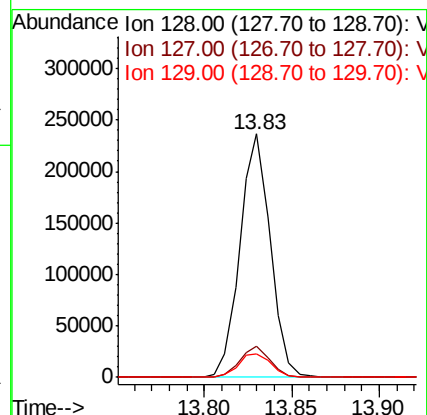
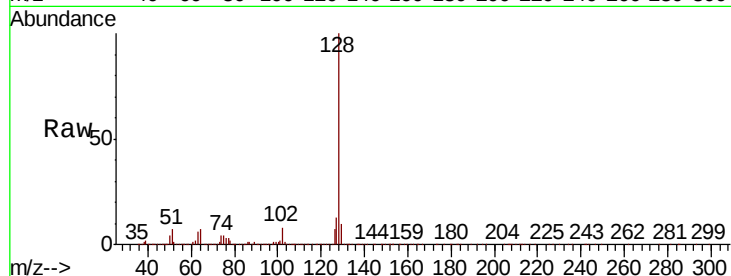




#91
Naphthalene
Concen: 18.954 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion:128 Resp: 284272
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.7 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.155 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion:180 Resp: 98922
Ion Ratio Lower Upper
180 100
182 96.7 0.0 192.0
145 28.6 0.0 60.0

