

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072419\
 Data File : VX011055.D
 Acq On : 24 Jul 2019 12:15
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 03:20:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	41401	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	227514	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	208047	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	82951	29.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.50%
60) 4-Bromofluorobenzene	11.13	95	103287	30.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.53%
63) Toluene-d8	8.71	98	272724	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51439	18.793	ug/l 99
3) Chloromethane	1.32	50	42601	17.699	ug/l 98
4) Vinyl Chloride	1.41	62	44172	17.598	ug/l 98
5) Bromomethane	1.64	94	28019	20.279	ug/l 96
6) Chloroethane	1.73	64	28107	18.928	ug/l 99
7) Trichlorofluoromethane	1.93	101	76512	18.355	ug/l 95
8) Diethyl Ether	2.19	74	26139	19.095	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45027	19.543	ug/l 98
10) 1,1-Dichloroethene	2.37	96	42037	18.155	ug/l 99
11) Methyl Iodide	2.51	142	55073	17.712	ug/l 97
12) Methyl Acetate	2.77	43	60692	18.663	ug/l 99
13) Acrolein	2.29	56	32715	83.903	ug/l 99
14) Acrylonitrile	3.14	53	119083	93.562	ug/l 99
15) Acetone	2.44	58	41091	115.939	ug/l 99
16) Carbon Disulfide	2.57	76	93710	15.751	ug/l 97
17) Allyl chloride	2.73	41	62668	18.696	ug/l 98
18) Methylene Chloride	2.85	84	48089	18.652	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	44477	18.184	ug/l 97
20) Diisopropyl ether	3.85	45	134624	19.024	ug/l 95
21) 1,1-Dichloroethane	3.70	63	76026	18.669	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	51798	18.413	ug/l 94
23) tert-Butyl Alcohol	3.04	59	56065	84.368	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	142188	19.130	ug/l 100
25) Chloroform	5.20	83	84396	18.922	ug/l 97
26) Cyclohexane	5.58	56	64497	17.308	ug/l # 96
29) 1,1-Dichloropropene	5.79	75	59472	18.588	ug/l 98
30) 2-Butanone	4.67	43	171225	99.141	ug/l 99
31) 2,2-Dichloropropane	4.58	77	65033	23.285	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	71615	18.561	ug/l 98
33) Carbon Tetrachloride	5.78	117	62400	18.601	ug/l 98
34) Benzene	6.14	78	182381	19.003	ug/l 99
35) Methacrylonitrile	5.04	41	33095	18.407	ug/l 95
36) 1,2-Dichloroethane	6.19	62	63606	18.535	ug/l 100
37) Trichloroethene	7.21	130	52868	18.815	ug/l 96
38) Methylcyclohexane	7.46	83	73806	18.278	ug/l 99
39) 1,2-Dichloropropane	7.51	63	45474	18.956	ug/l 99
40) Dibromomethane	7.66	93	34171	19.367	ug/l 98

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Quant Time: Jul 25 03:20:49 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	61170	19.047	ug/l	97
42) Vinyl Acetate	3.81	43	545325	95.837	ug/l	100
43) Ethyl Acetate	4.83	43	58571	17.667	ug/l	98
44) Isopropyl Acetate	6.44	43	101155	18.733	ug/l	99
45) 1,4-Dioxane	7.74	88	27275	388.078	ug/l	98
46) Methyl methacrylate	7.77	41	47536	18.137	ug/l	96
47) n-amyl Acetate	10.90	43	91333	18.859	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	65363	19.312	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	73638	19.937	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	48338	18.719	ug/l	98
51) Ethyl methacrylate	9.18	69	74164	18.570	ug/l	97
52) 1,3-Dichloropropane	9.37	76	78205	18.847	ug/l	97
53) Dibromochloromethane	9.58	129	52779	18.925	ug/l	99
54) 1,2-Dibromoethane	9.67	107	54149	19.296	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	164776	97.431	ug/l	99
56) Bromoform	10.85	173	38279	18.430	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	326460	92.915	ug/l	99
59) 2-Hexanone	9.49	43	260187	96.774	ug/l	100
61) Tetrachloroethene	9.34	164	53076	19.322	ug/l	96
62) Toluene	8.78	91	208236	18.841	ug/l	100
64) Chlorobenzene	10.13	112	137226	19.379	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	49625	19.283	ug/l	100
66) Ethyl Benzene	10.25	91	234875	18.877	ug/l	100
67) m/p-Xylenes	10.35	106	179473	37.702	ug/l	96
68) o-Xylene	10.69	106	87837	18.832	ug/l	98
69) Styrene	10.71	104	149450	19.062	ug/l	99
70) Isopropylbenzene	11.02	105	242253	19.504	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	76001	18.977	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	83358	24.936	ug/l	85
73) Bromobenzene	11.26	156	64870	19.357	ug/l	99
74) n-propylbenzene	11.36	91	274962	19.670	ug/l	100
75) 2-Chlorotoluene	11.42	91	161734	19.426	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	206499	19.642	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	21431	19.430	ug/l	91
78) 4-Chlorotoluene	11.51	91	186327	19.487	ug/l	99
79) tert-butylbenzene	11.77	119	199343	19.548	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	207509	19.600	ug/l	99
81) sec-Butylbenzene	11.94	105	241095	20.057	ug/l	100
82) p-Isopropyltoluene	12.06	119	223250	20.015	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	117350	19.836	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	115130	19.580	ug/l	99
85) n-Butylbenzene	12.38	91	194252	20.451	ug/l	100
86) Hexachloroethane	12.59	117	33050	18.787	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	116043	20.034	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	16476	18.687	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	82724	20.706	ug/l	97
90) Hexachlorobutadiene	13.78	225	40424	20.927	ug/l	99
91) Naphthalene	13.83	128	238471	19.562	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	82480	20.598	ug/l	100

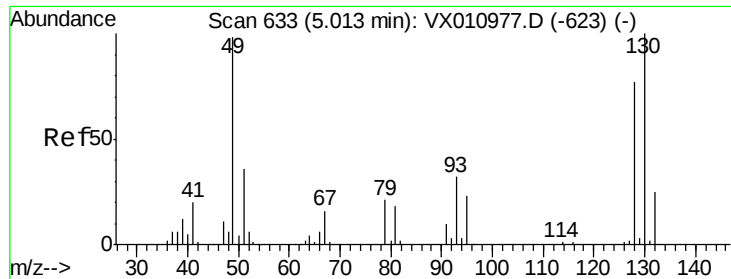
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QLast Update : Fri Jul 19 03:27:28 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

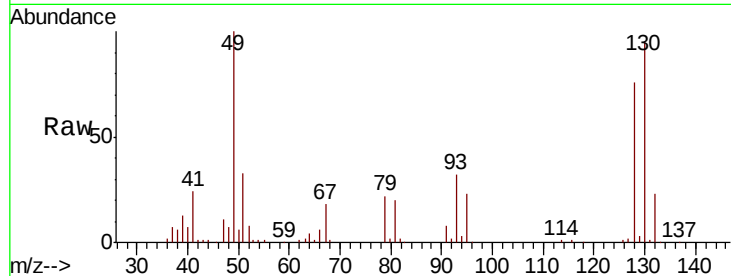
Tot Ion:128 Resp: 41401

Ion Ratio Lower Upper

128 100

49 135.4 0.0 343.5

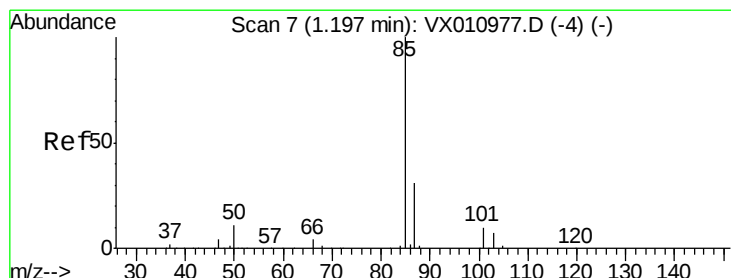
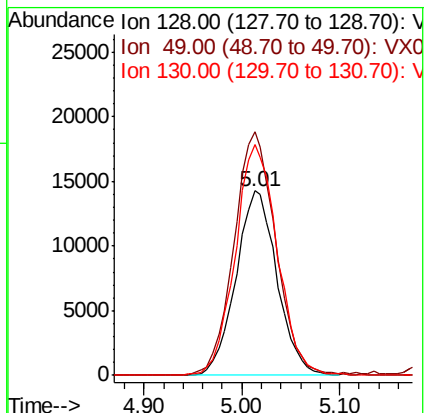
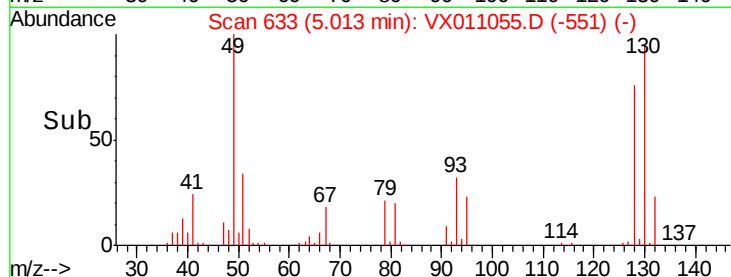
130 128.2 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.793 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX011055.D

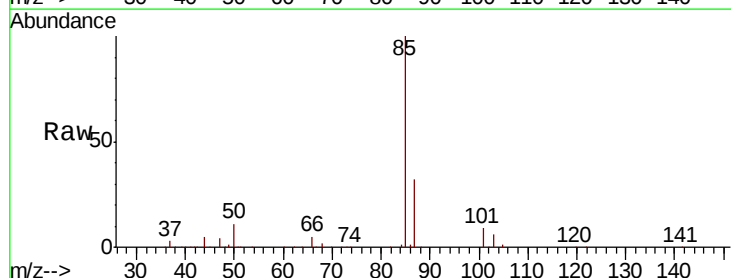
Acq: 24 Jul 2019 12:15

Tgt Ion: 85 Resp: 51439

Ion Ratio Lower Upper

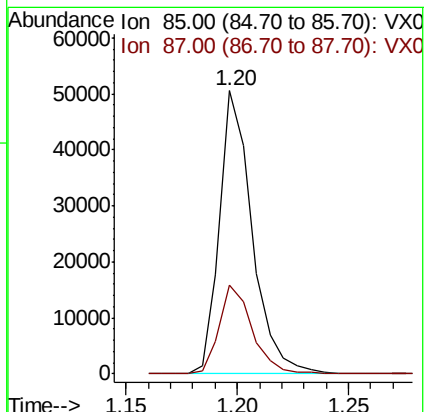
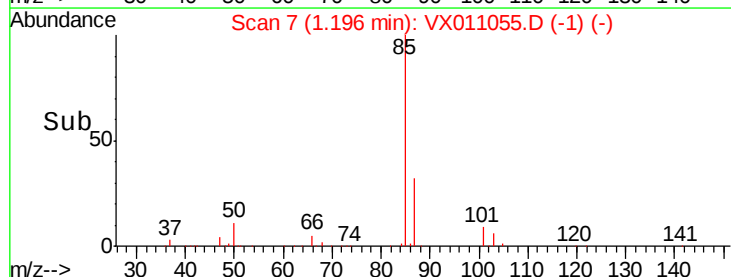
85 100

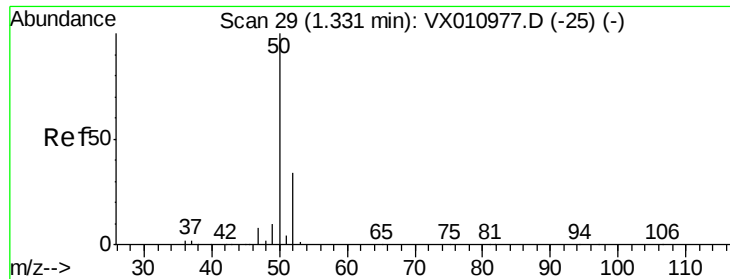
87 31.5 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.699 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

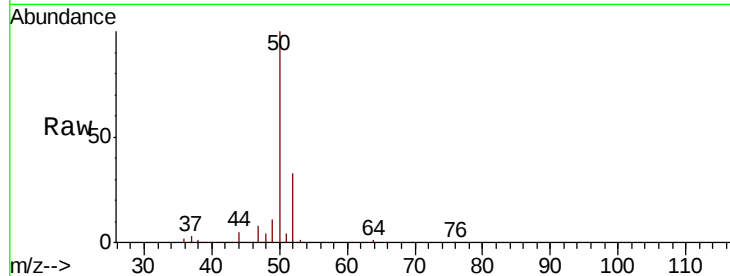
ClientSampleId :

Tot Ion: 50 Resp: 42601

Ion Ratio Lower Upper

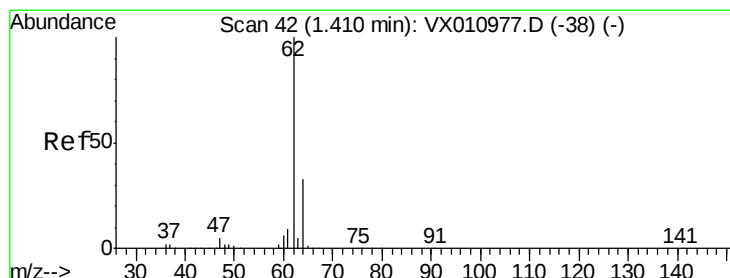
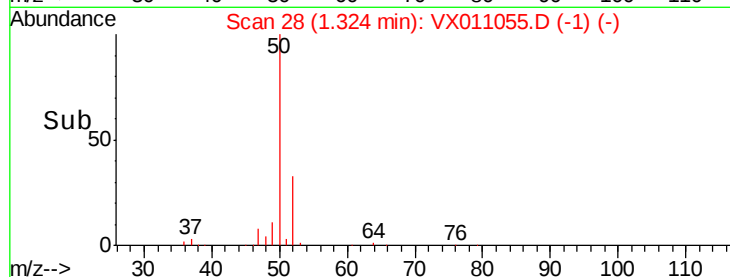
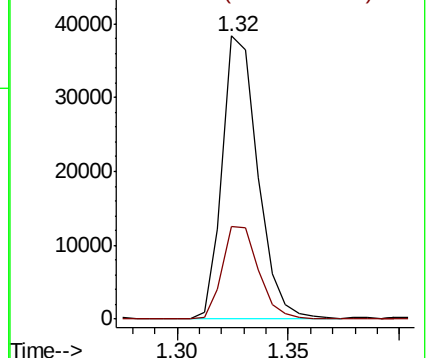
50 100

52 32.8 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.598 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011055.D

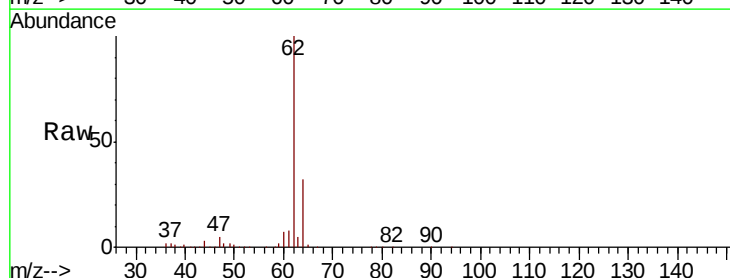
Acq: 24 Jul 2019 12:15

Tgt Ion: 62 Resp: 44172

Ion Ratio Lower Upper

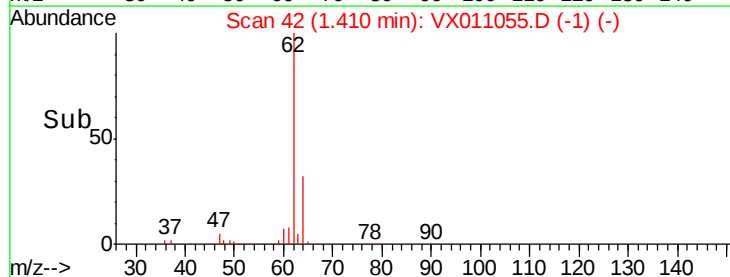
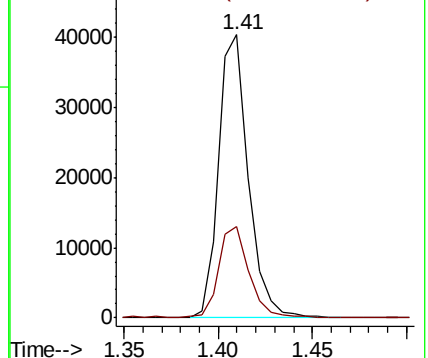
62 100

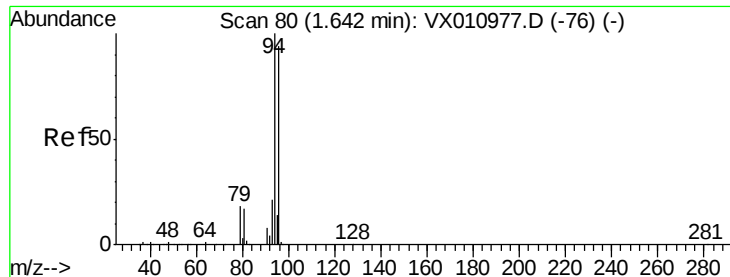
64 32.2 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.279 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

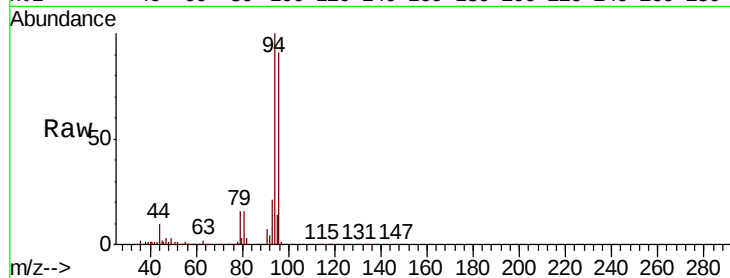
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 28019

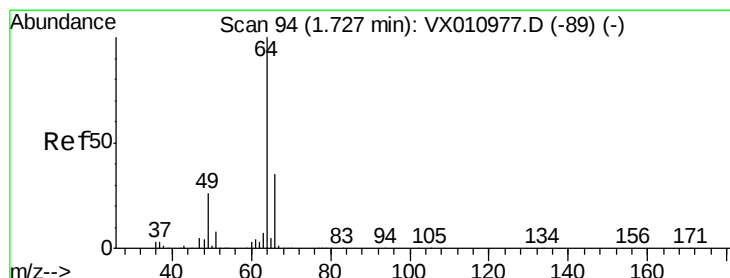
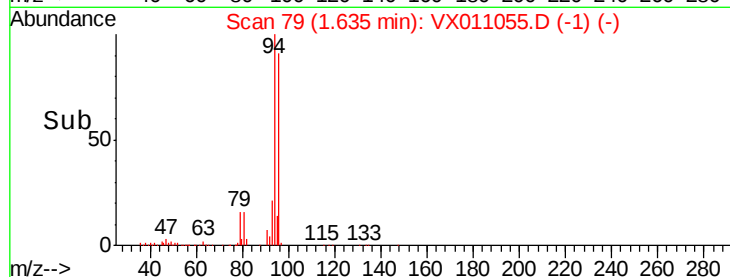
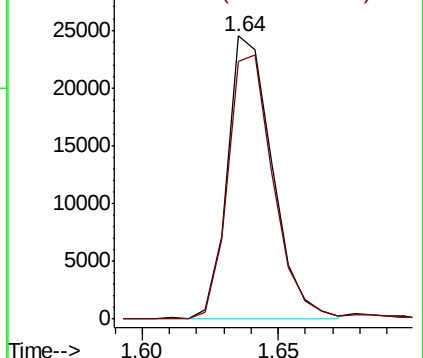
Ion Ratio Lower Upper

94 100

96 90.7 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0
Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.928 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX011055.D

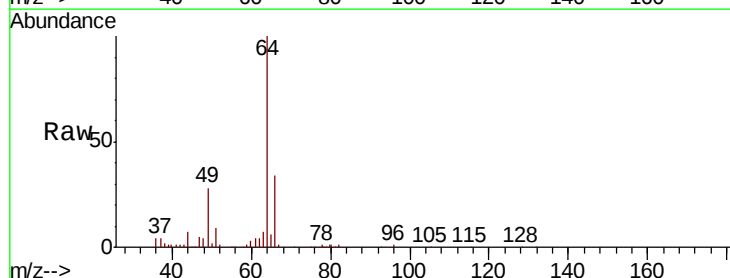
Acq: 24 Jul 2019 12:15

Tgt Ion: 64 Resp: 28107

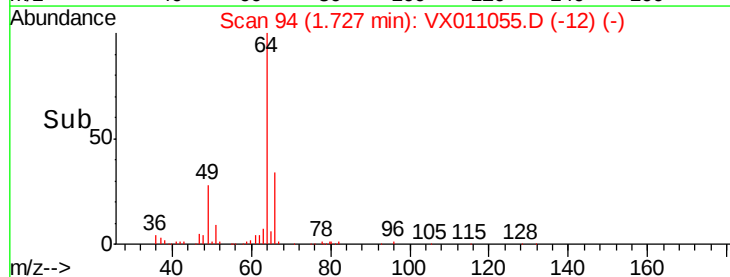
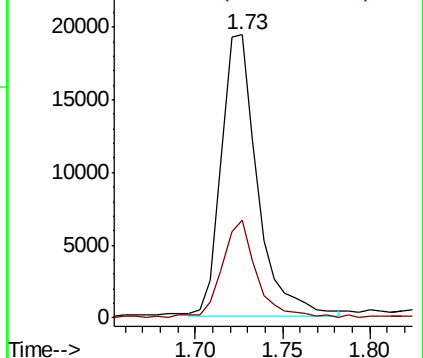
Ion Ratio Lower Upper

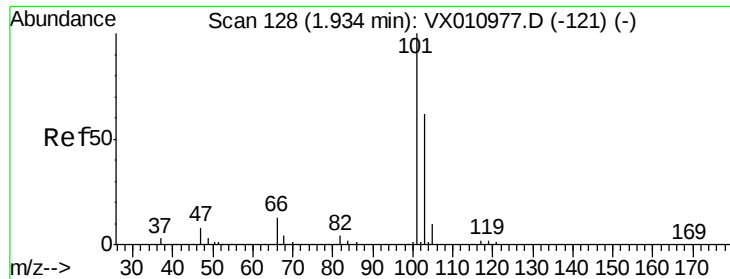
64 100

66 34.5 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0
Ion 66.00 (65.70 to 66.70): VX0



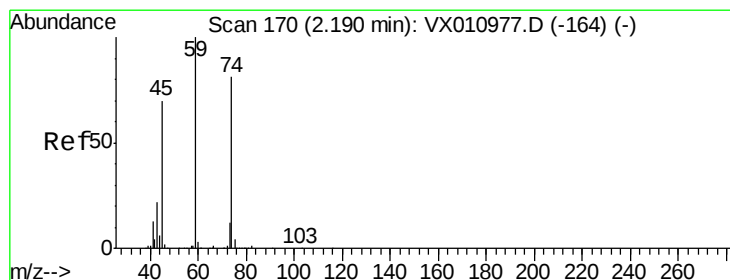
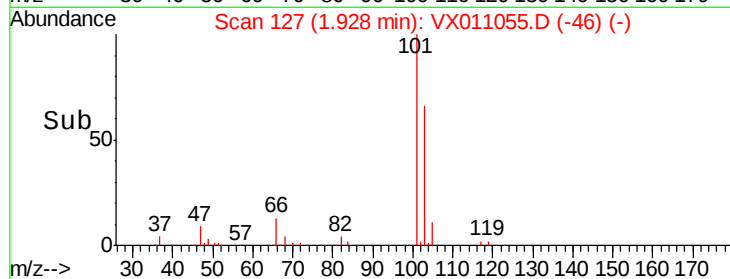
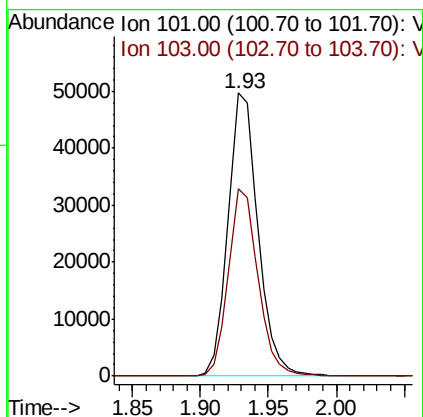
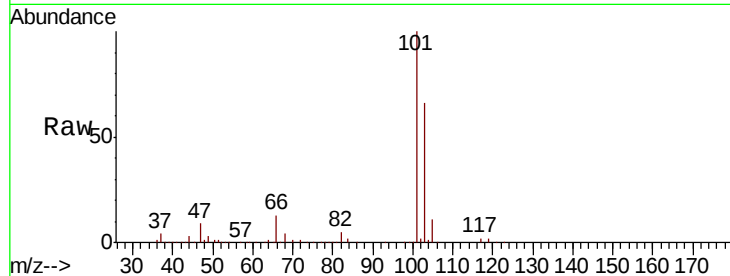


#7

Trichlorofluoromethane
Concen: 18.355 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampled :

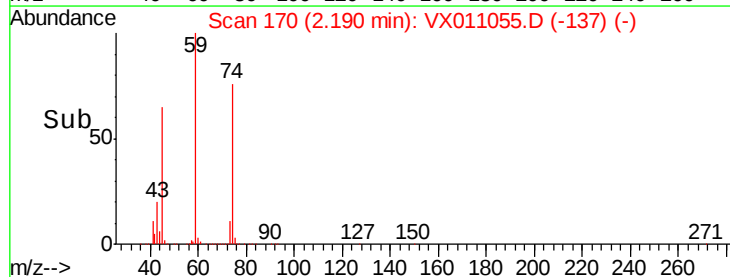
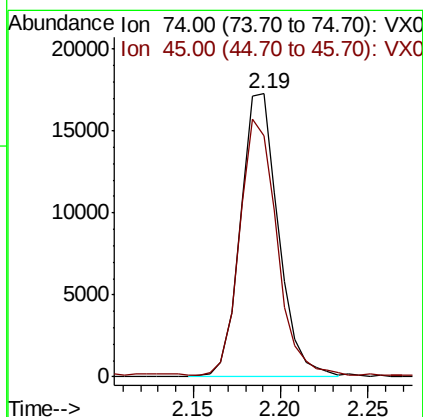
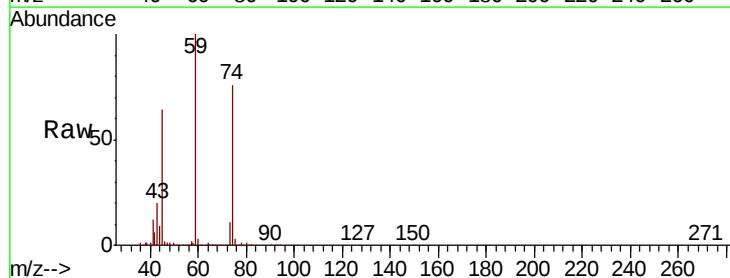
Tot Ion:101 Resp: 76512
Ion Ratio Lower Upper
101 100
103 66.0 49.6 74.4

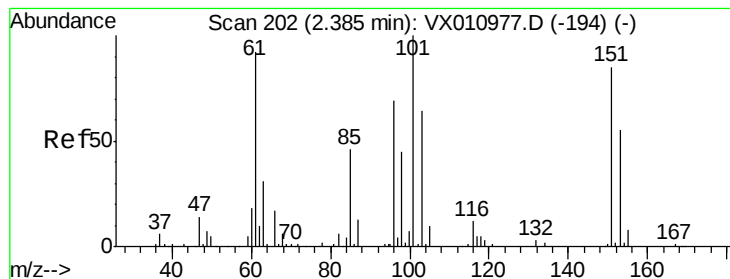


#8

Diethyl Ether
Concen: 19.095 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 74 Resp: 26139
Ion Ratio Lower Upper
74 100
45 89.9 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.543 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

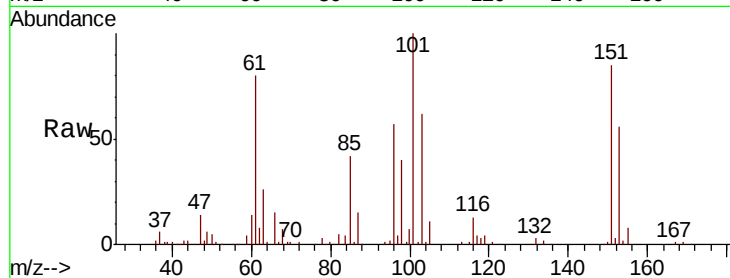
Tot Ion:101 Resp: 45027

Ion Ratio Lower Upper

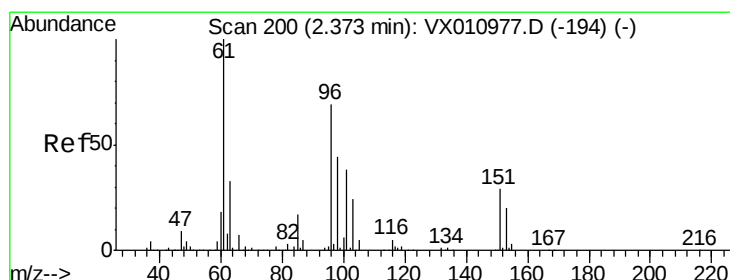
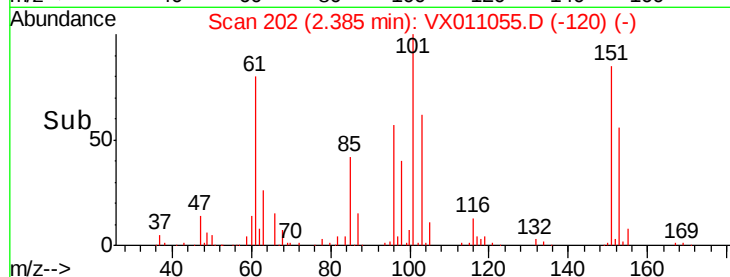
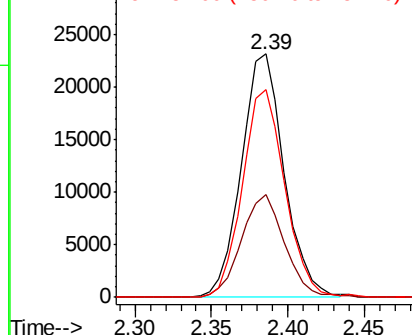
101 100

85 42.6 0.0 89.8

151 84.8 0.0 172.2



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.155 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

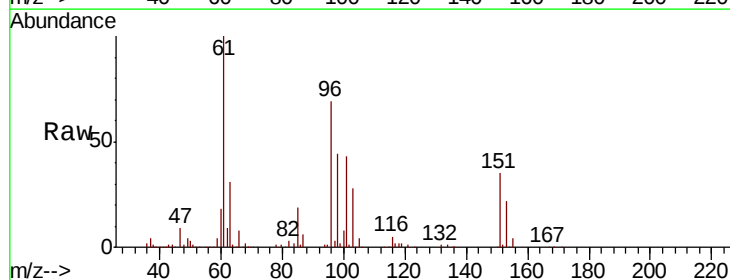
Tgt Ion: 96 Resp: 42037

Ion Ratio Lower Upper

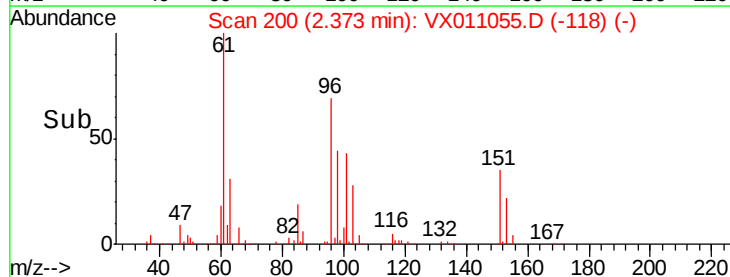
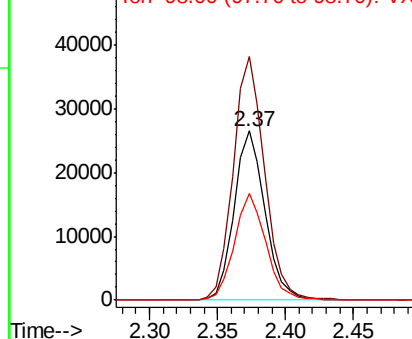
96 100

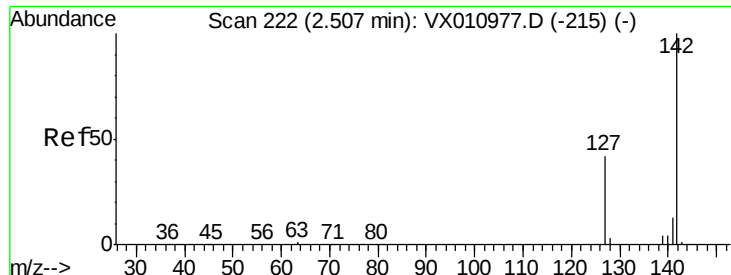
61 143.8 115.9 173.9

98 62.8 50.6 75.8



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

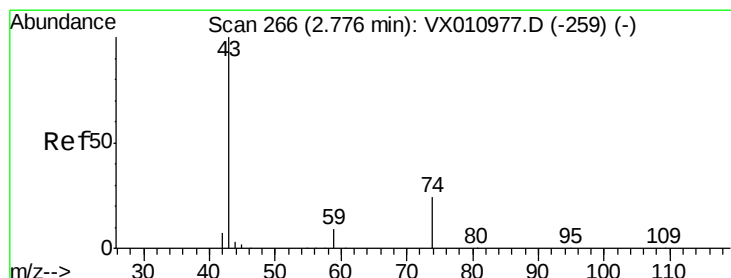
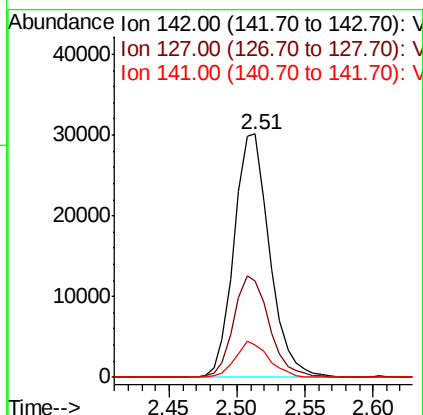
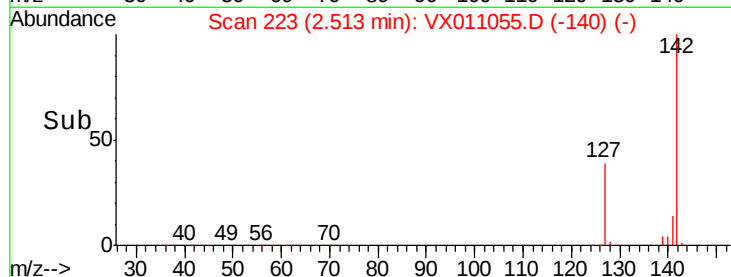
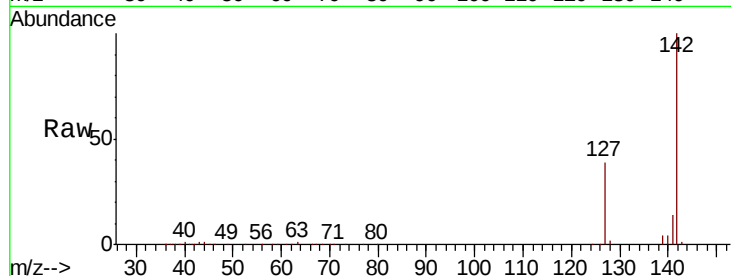




#11
Methvl Iodide
Concen: 17.712 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

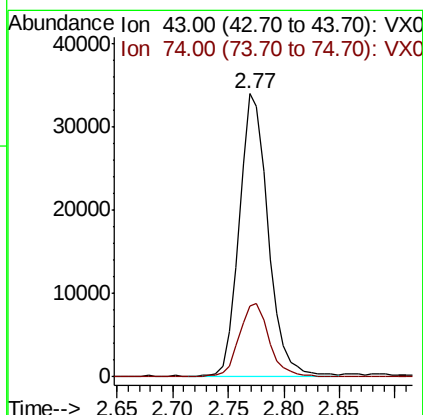
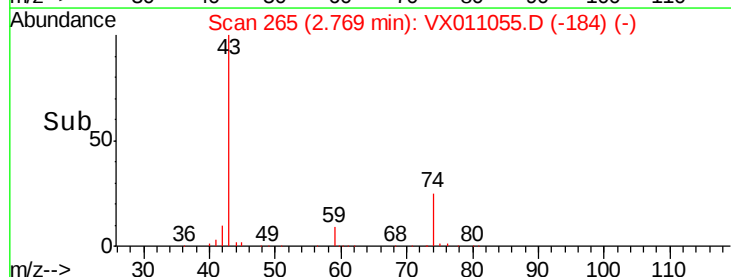
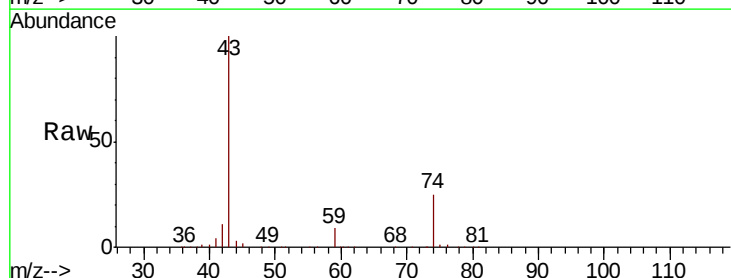
Instrument :
MSVOA_X
ClientSampleId :

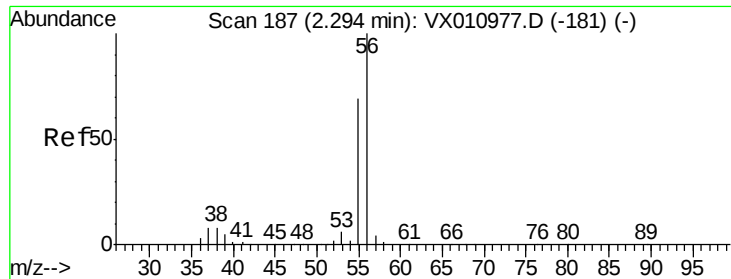
Tot Ion:142 Resp: 55073
Ion Ratio Lower Upper
142 100
127 39.3 20.7 62.1
141 13.6 6.7 20.0



#12
Methyl Acetate
Concen: 18.663 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 43 Resp: 60692
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6





#13

Acrolein

Concen: 83.903 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

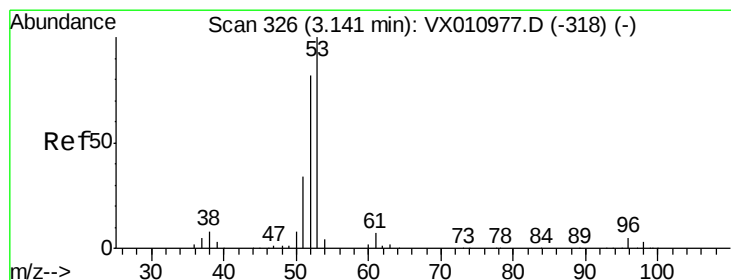
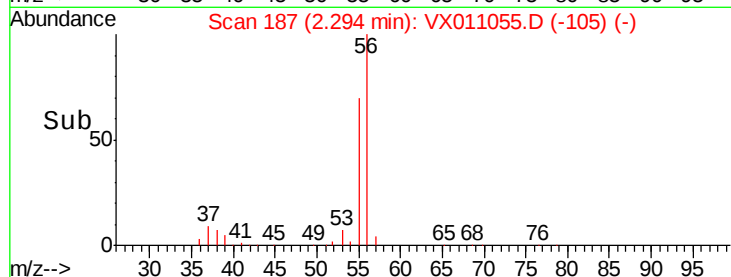
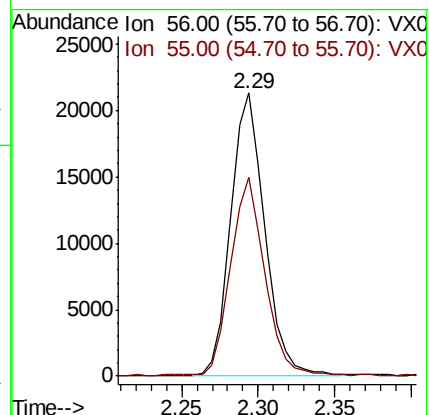
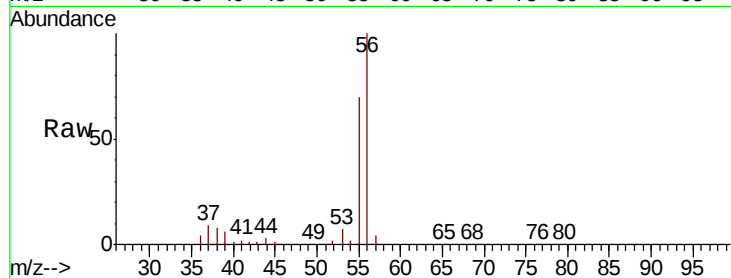
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 32715

Ion Ratio Lower Upper

56 100

55 71.0 56.1 84.1



#14

Acrylonitrile

Concen: 93.562 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

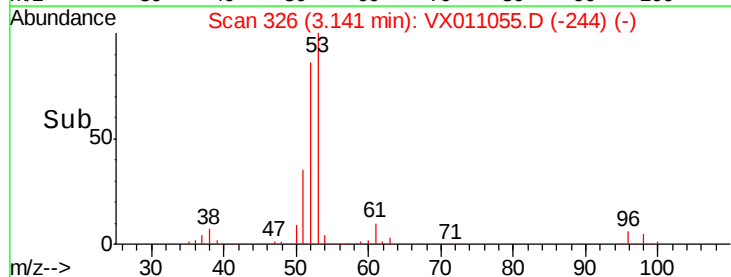
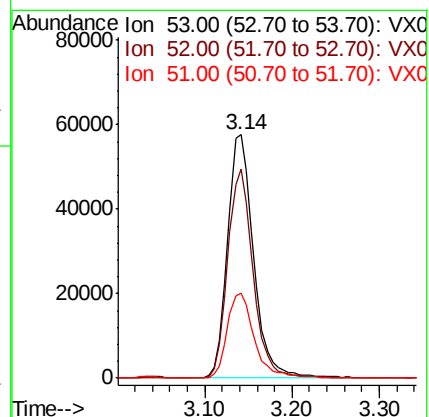
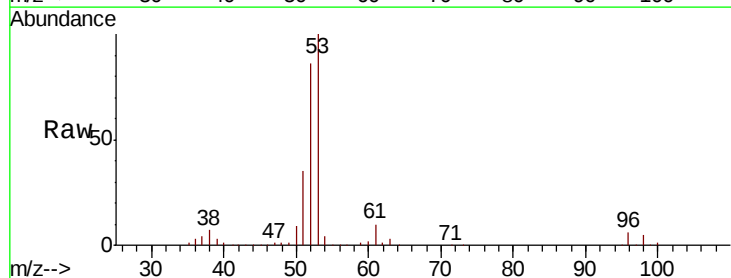
Tgt Ion: 53 Resp: 119083

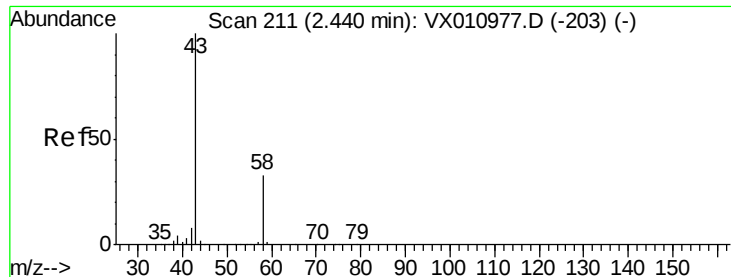
Ion Ratio Lower Upper

53 100

52 83.5 41.1 123.4

51 36.3 17.8 53.3





#15

Acetone

Concen: 115.939 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

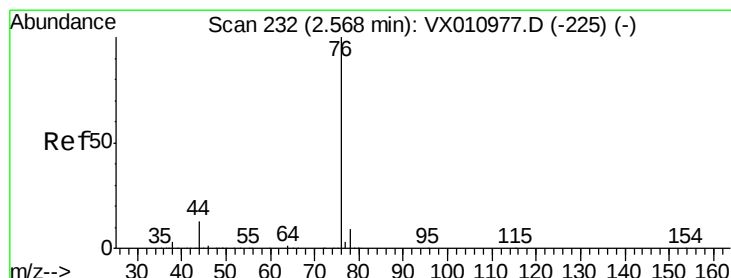
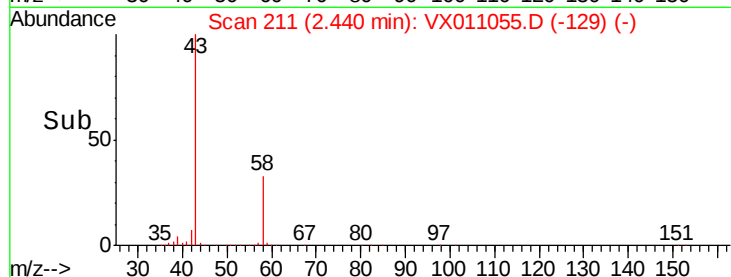
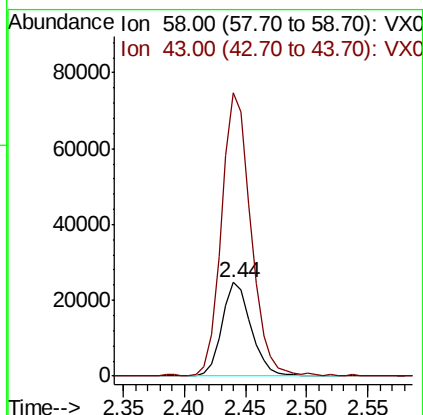
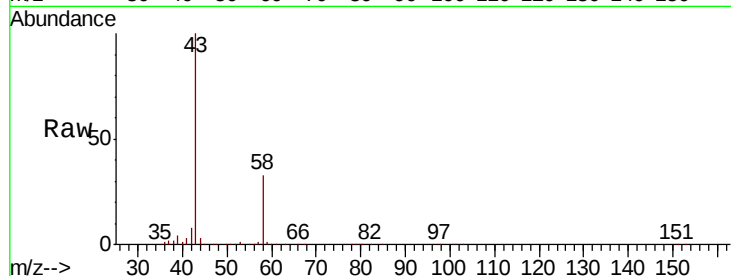
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 41091

Ion Ratio Lower Upper

58 100

43 302.4 243.8 365.6



#16

Carbon Disulfide

Concen: 15.751 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011055.D

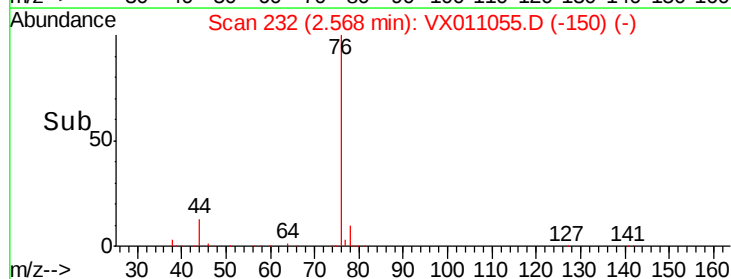
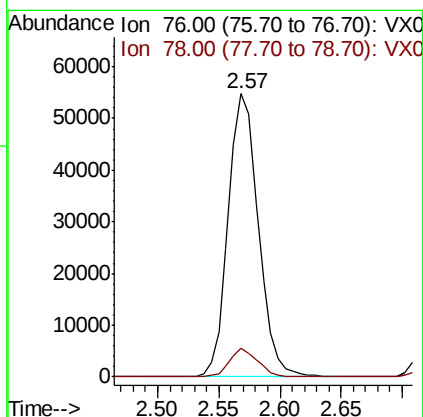
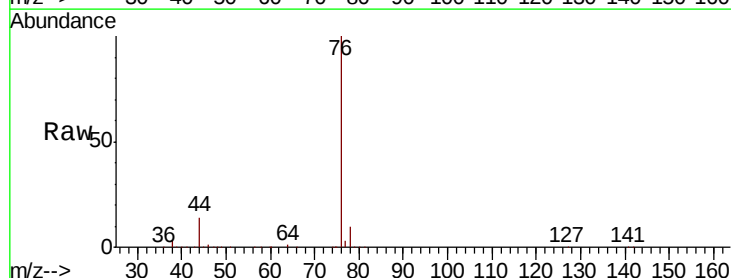
Acq: 24 Jul 2019 12:15

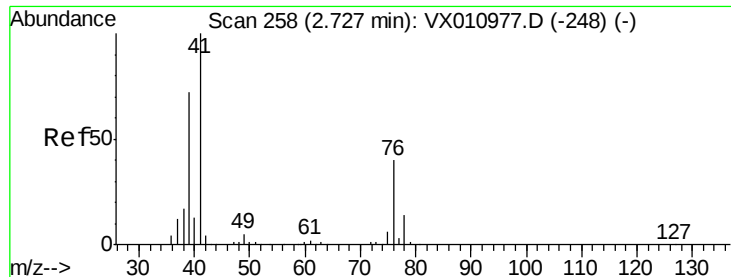
Tgt Ion: 76 Resp: 93710

Ion Ratio Lower Upper

76 100

78 10.2 7.3 10.9

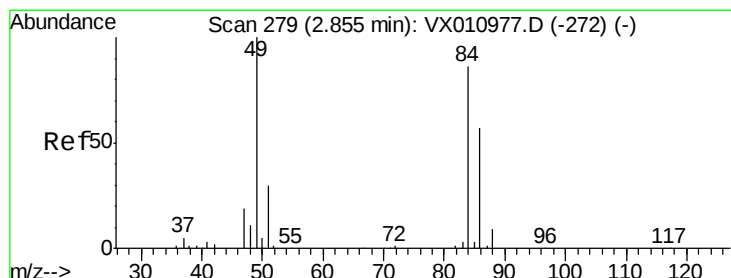
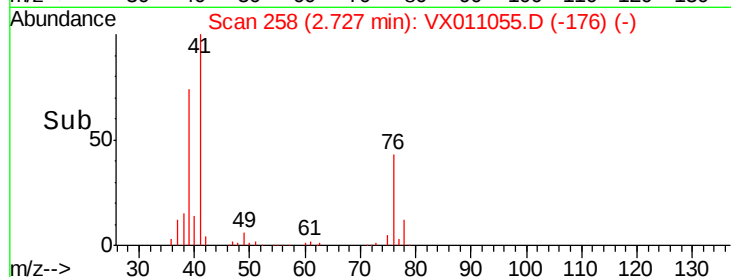
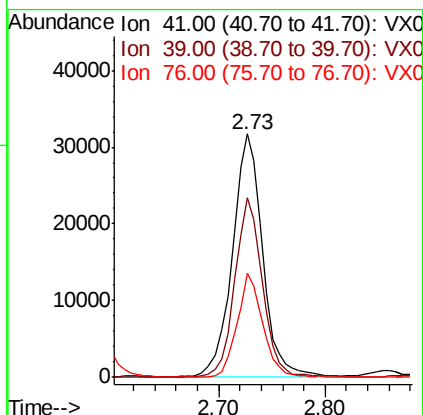
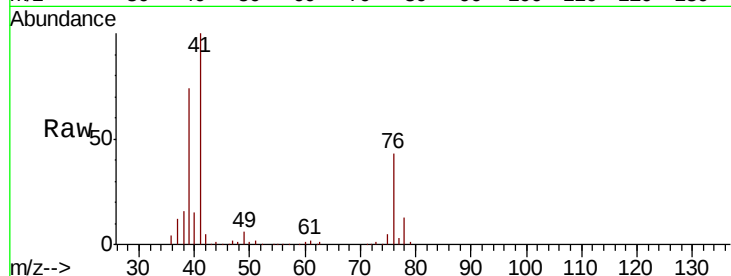




#17
Allvl chloride
Concen: 18.696 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

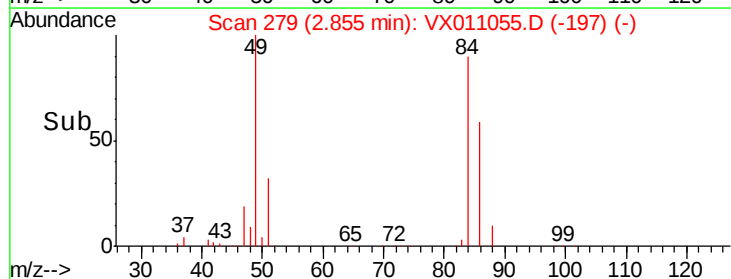
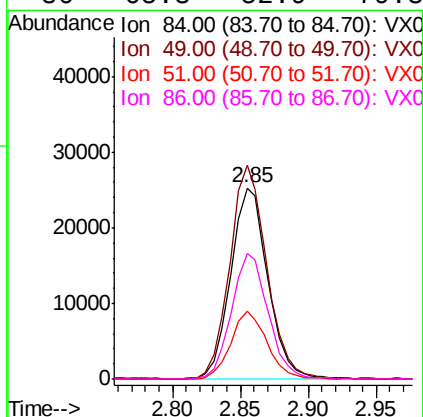
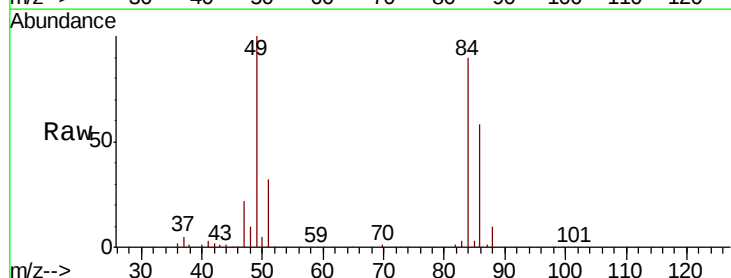
Instrument :
MSVOA_X
ClientSampleId :

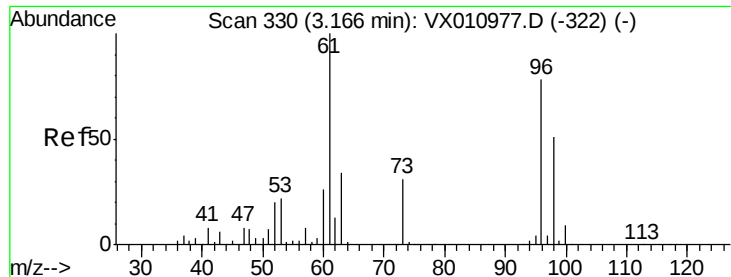
Tot Ion: 41 Resp: 62668
Ion Ratio Lower Upper
41 100
39 73.7 36.1 108.3
76 42.5 20.2 60.5



#18
Methylene Chloride
Concen: 18.652 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 84 Resp: 48089
Ion Ratio Lower Upper
84 100
49 111.3 93.2 139.8
51 35.0 28.6 42.8
86 65.3 52.9 79.3

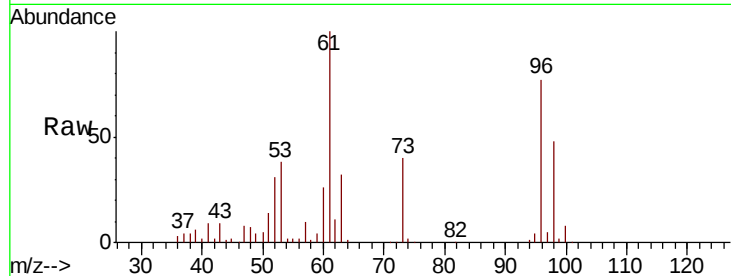




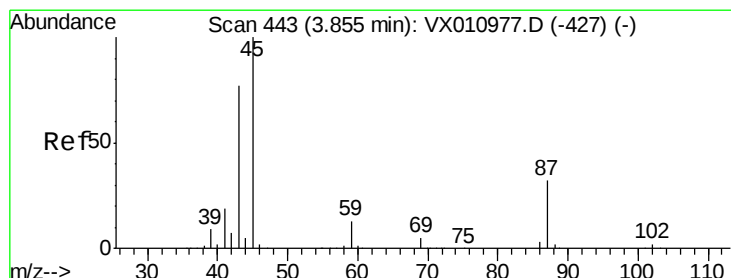
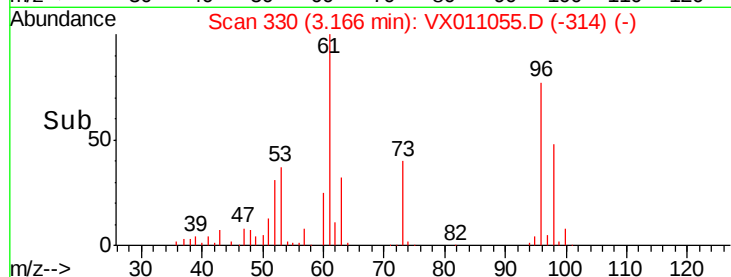
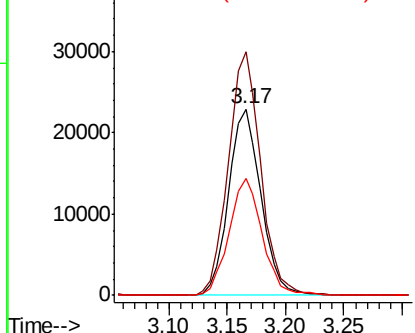
#19
trans-1,2-Dichloroethene
Concen: 18.184 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 44477
Ion Ratio Lower Upper
96 100
61 130.4 102.2 153.4
98 62.6 52.2 78.2

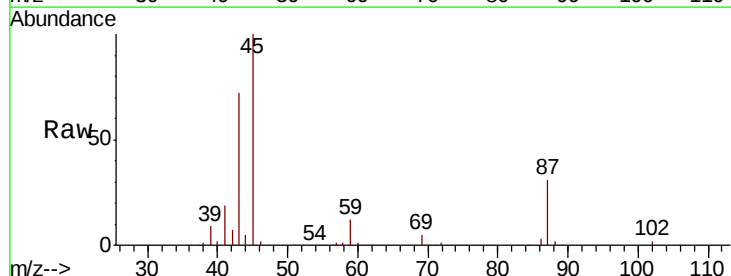


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

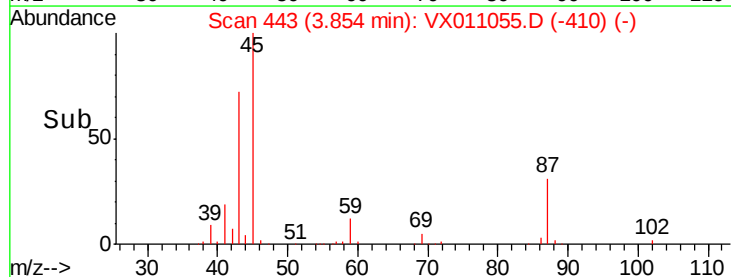
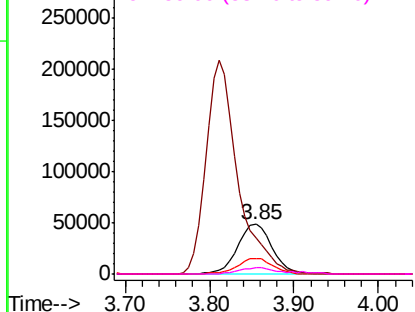


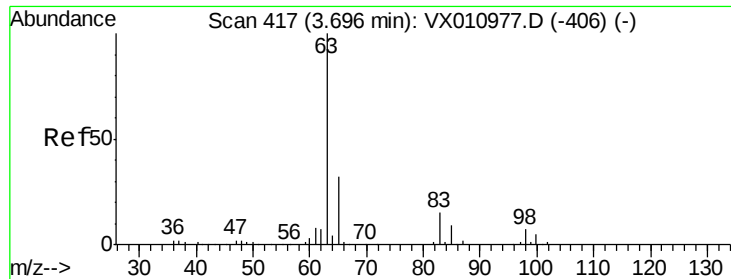
#20
Diisopropyl ether
Concen: 19.024 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 45 Resp: 134624
Ion Ratio Lower Upper
45 100
43 71.3 61.5 92.3
87 30.7 25.4 38.2
59 12.5 10.2 15.2



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: 18.669 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampleId :

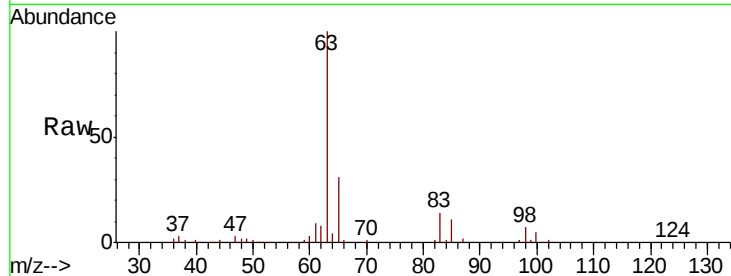
Tot Ion: 63 Resp: 76026

Ion Ratio Lower Upper

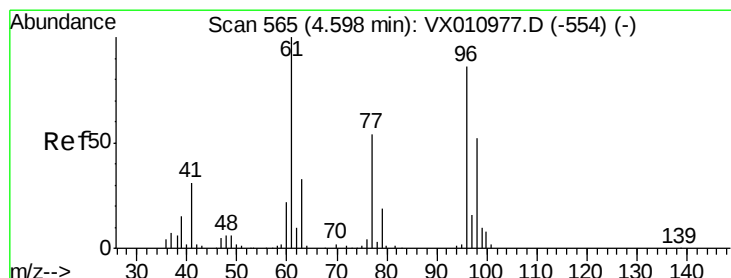
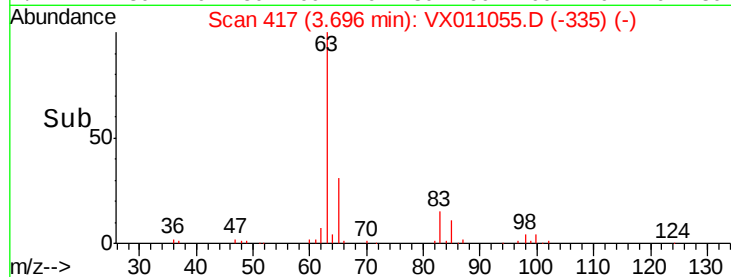
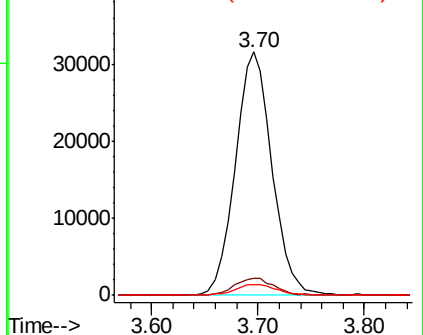
63 100

98 7.1 3.8 11.2

100 4.6 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.413 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

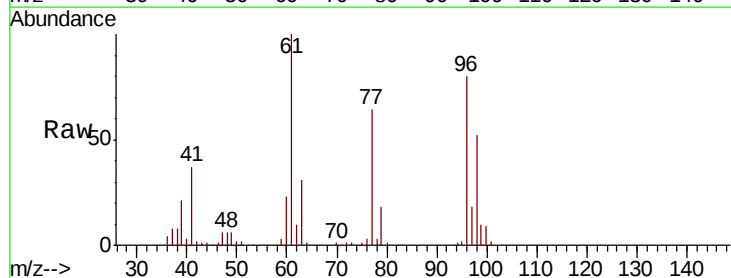
Tgt Ion: 96 Resp: 51798

Ion Ratio Lower Upper

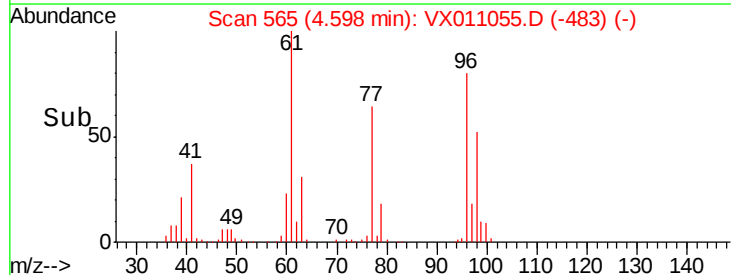
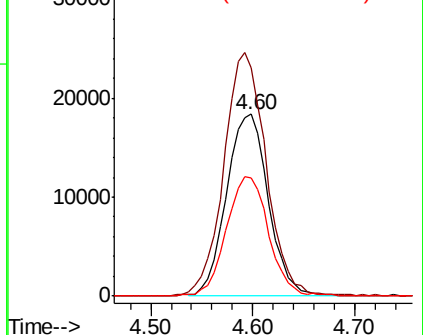
96 100

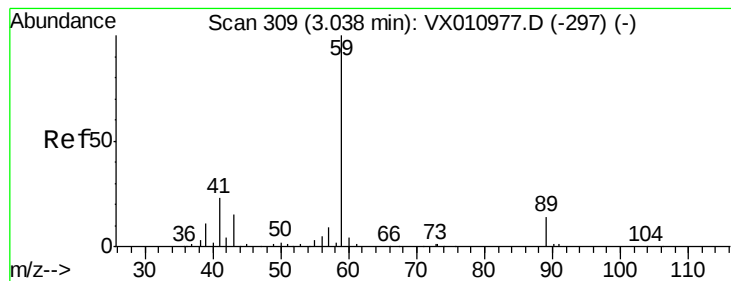
61 136.3 102.9 154.3

98 66.5 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 84.368 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

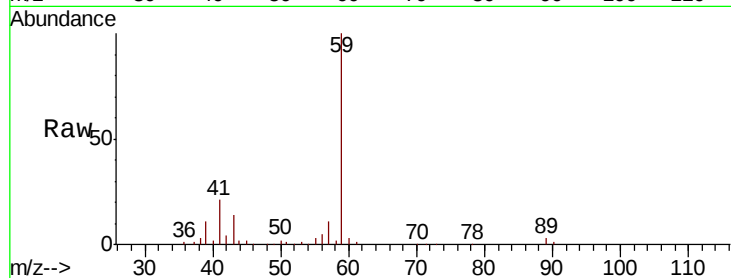
ClientSampleId :

Tot Ion: 59 Resp: 56065

Ion Ratio Lower Upper

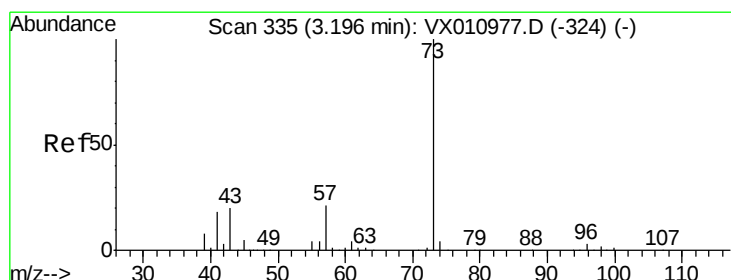
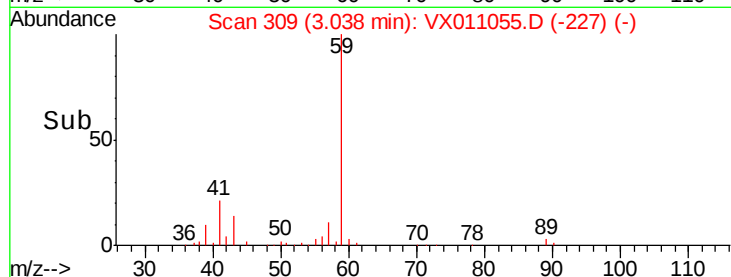
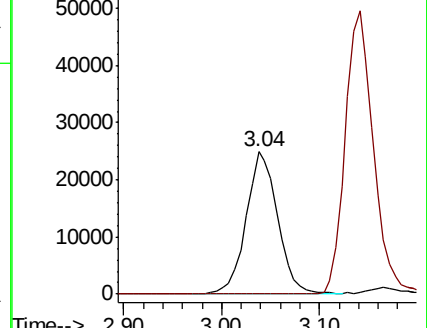
59 100

52 0.4 0.2 0.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.130 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX011055.D

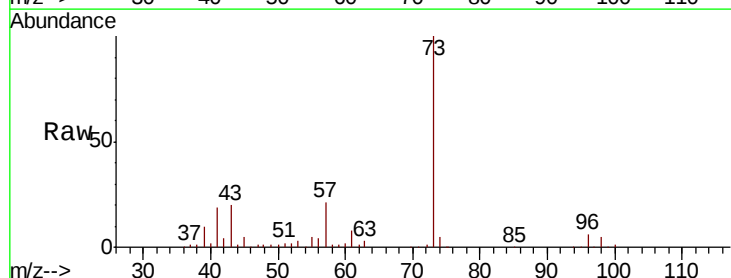
Acq: 24 Jul 2019 12:15

Tgt Ion: 73 Resp: 142188

Ion Ratio Lower Upper

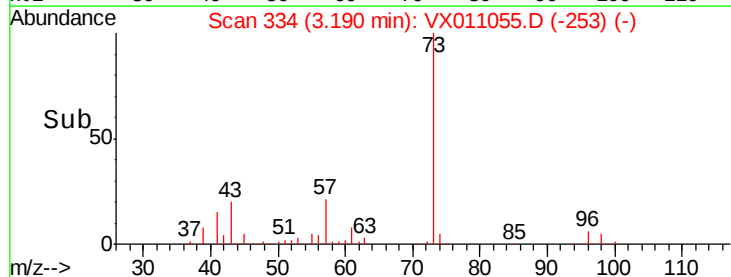
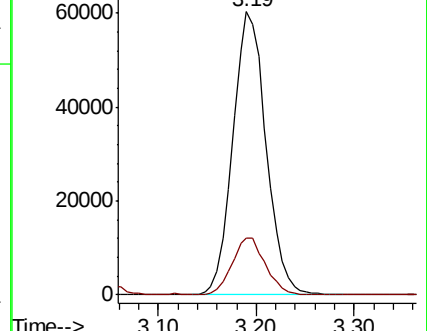
73 100

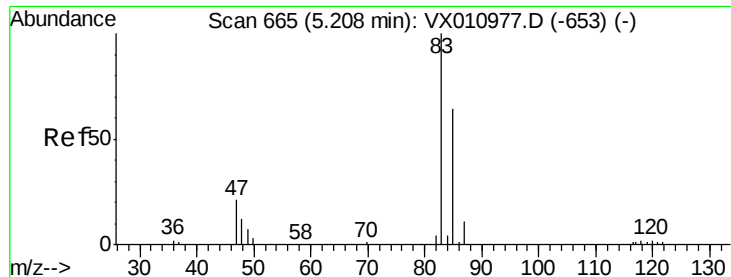
43 19.9 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.922 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

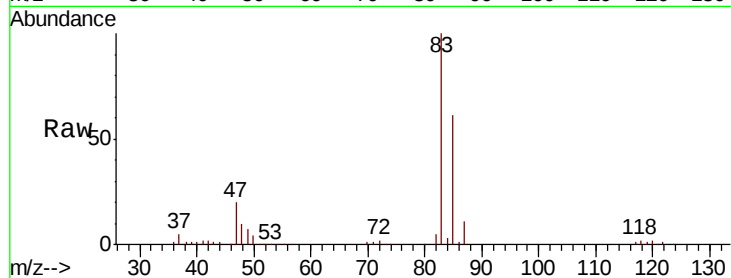
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 84396

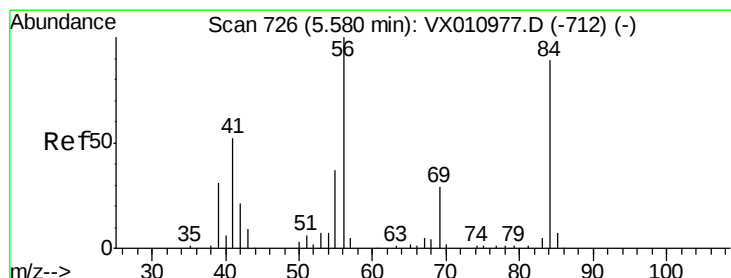
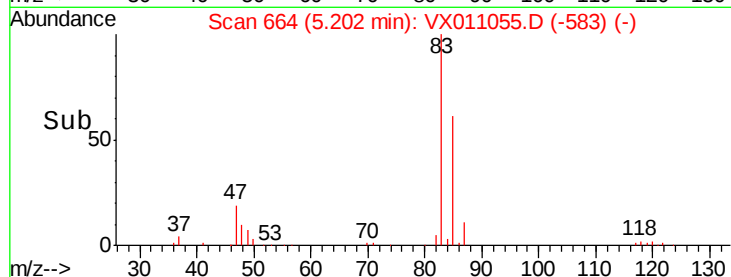
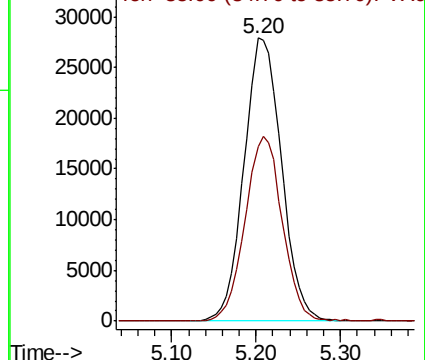
Ion Ratio Lower Upper

83 100

85 61.5 50.9 76.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 17.308 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

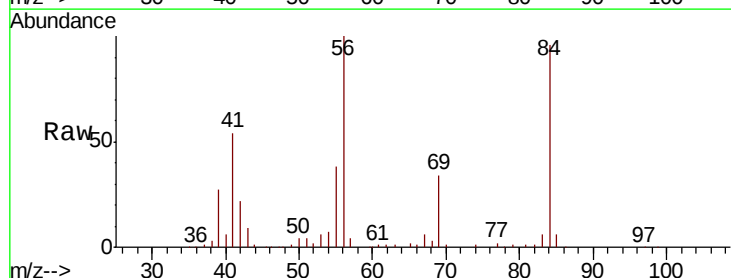
Tgt Ion: 56 Resp: 64497

Ion Ratio Lower Upper

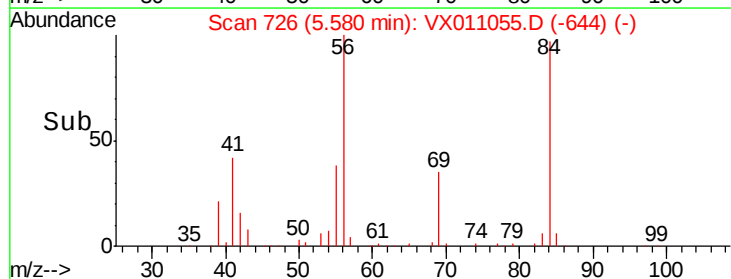
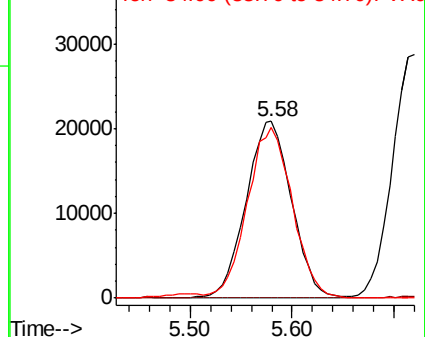
56 100

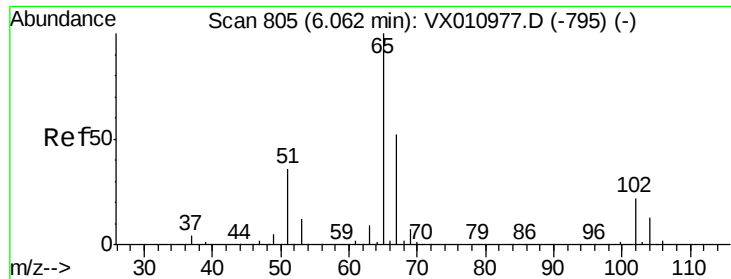
89 0.0 0.0 0.0

84 95.5 73.0 109.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.554 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

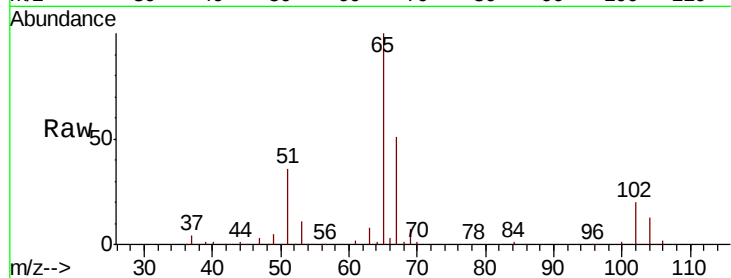
ClientSampleId :

Tot Ion: 65 Resp: 82951

Ion Ratio Lower Upper

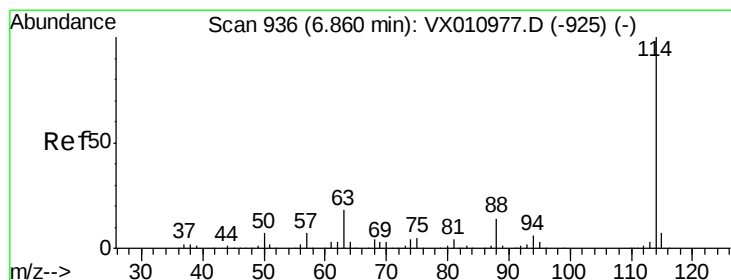
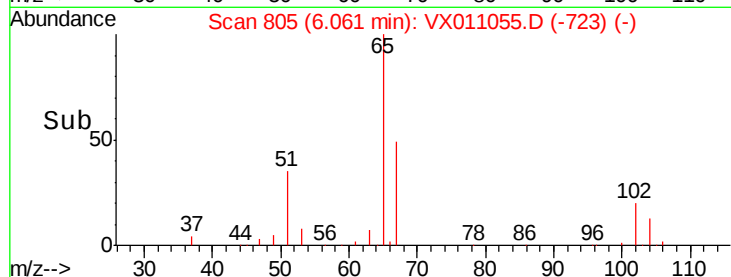
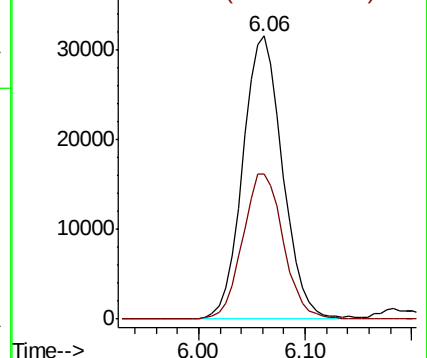
65 100

67 52.4 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

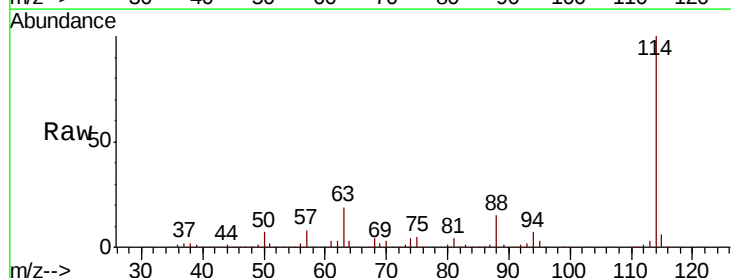
Tgt Ion: 114 Resp: 227514

Ion Ratio Lower Upper

114 100

63 18.4 14.6 22.0

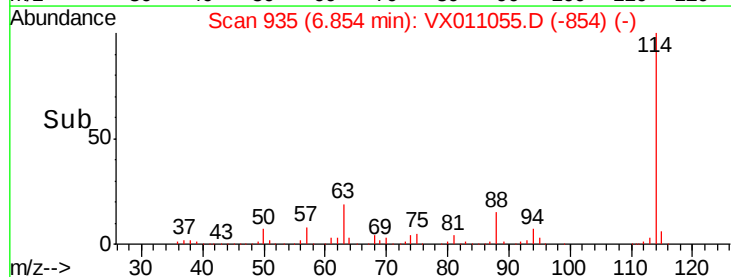
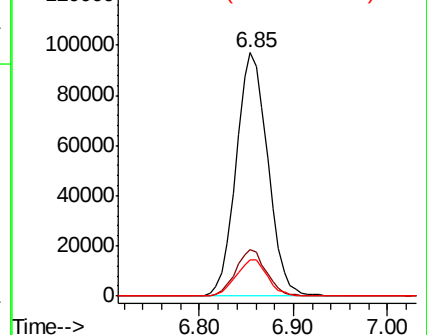
88 14.8 11.8 17.8

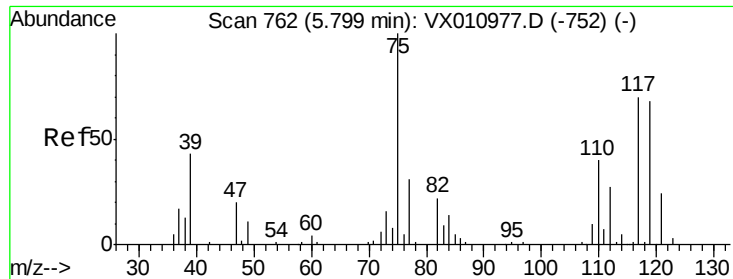


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

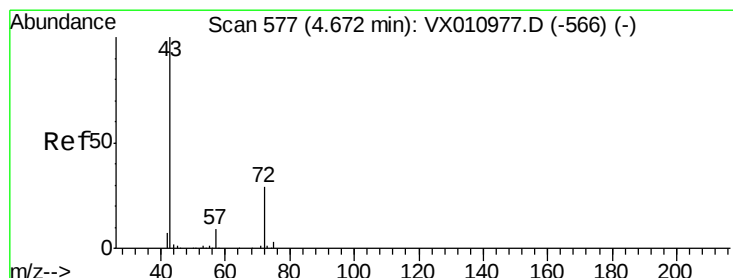
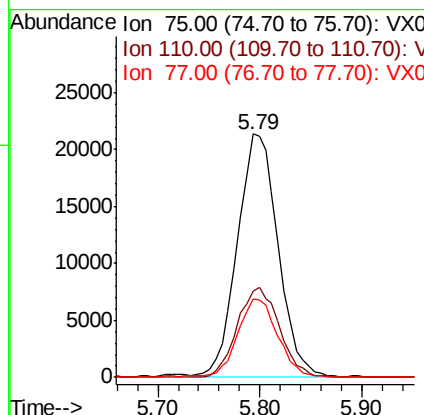
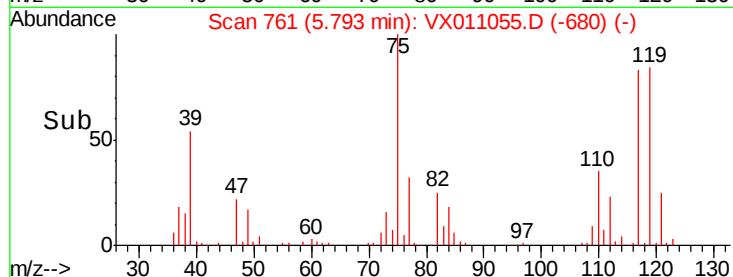
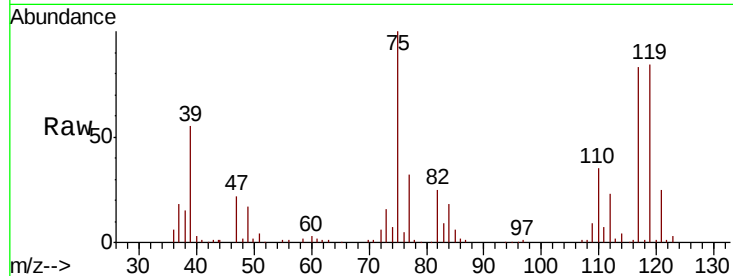




#29
 1,1-Dichloropropene
 Concen: 18.588 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

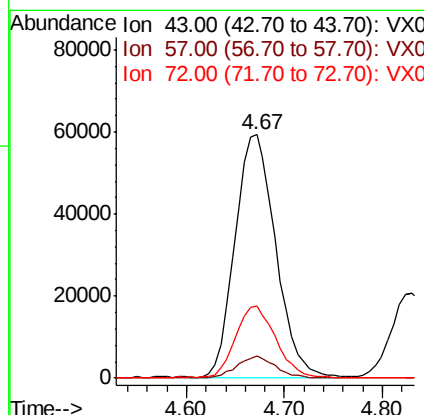
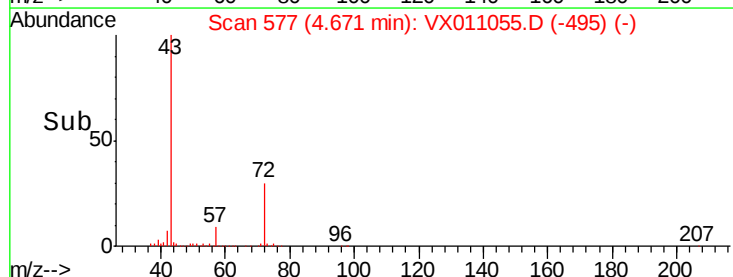
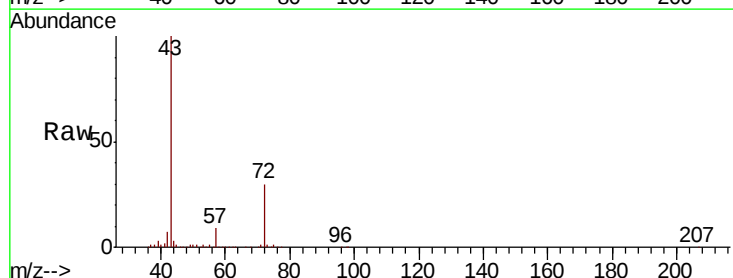
Instrument :
 MSVOA_X
 ClientSampled :

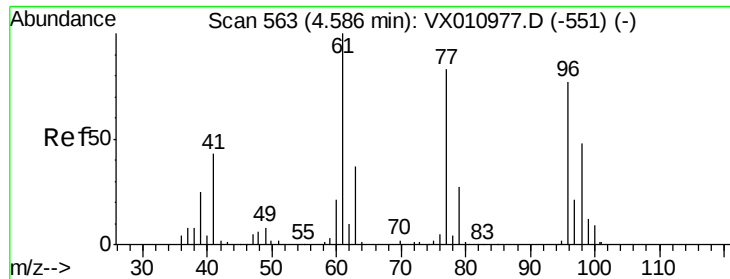
Tot Ion: 75 Resp: 59472
 Ion Ratio Lower Upper
 75 100
 110 37.9 0.0 79.8
 77 31.4 0.0 62.2



#30
 2-Butanone
 Concen: 99.141 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion: 43 Resp: 171225
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.8 10.2
 72 29.5 23.2 34.8





#31

2,2-Dichloropropane

Concen: 23.285 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

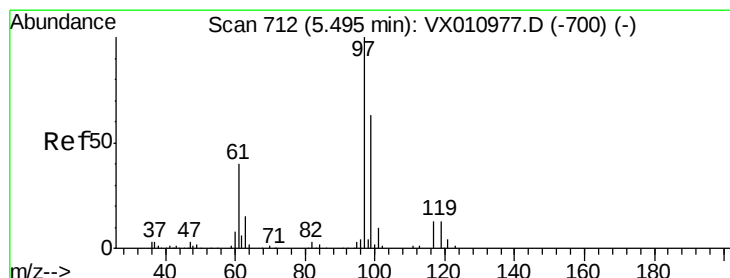
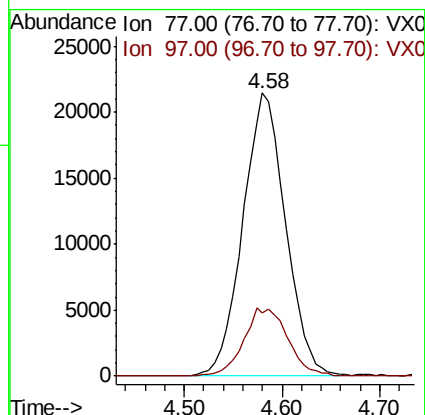
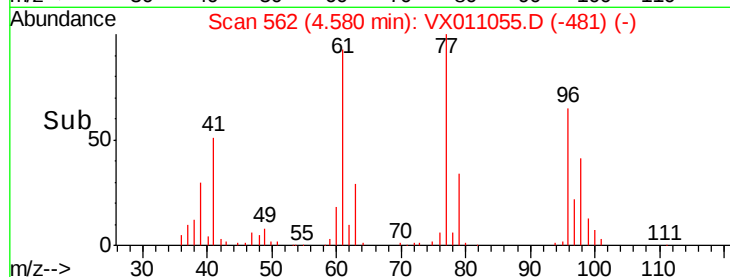
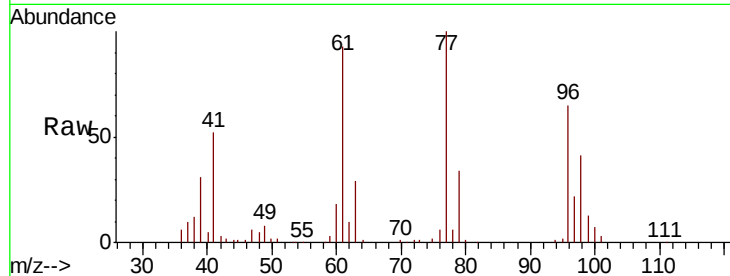
ClientSampleId :

Tot Ion: 77 Resp: 65033

Ion Ratio Lower Upper

77 100

97 24.7 20.9 31.3



#32

1,1,1-Trichloroethane

Concen: 18.561 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

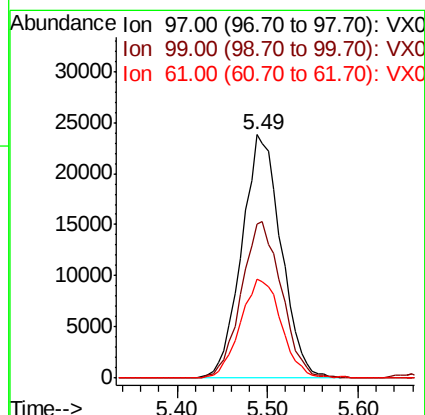
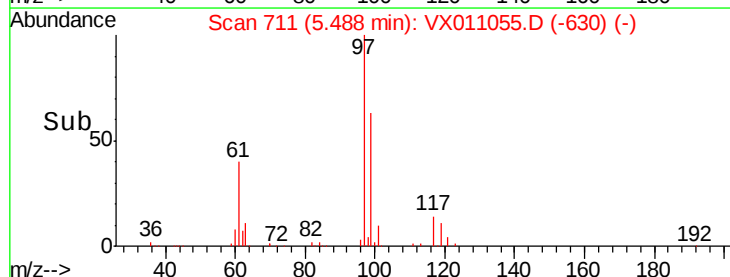
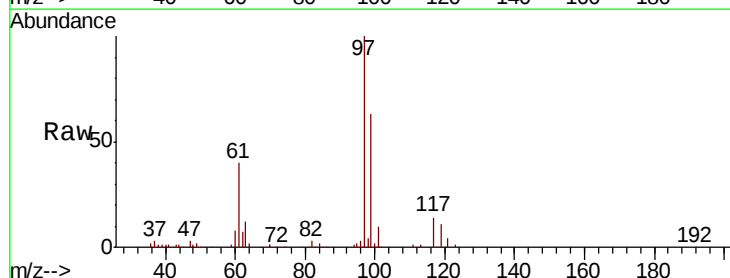
Tgt Ion: 97 Resp: 71615

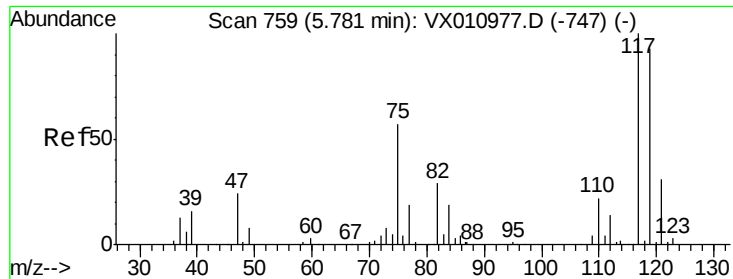
Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.6

61 42.2 34.3 51.5

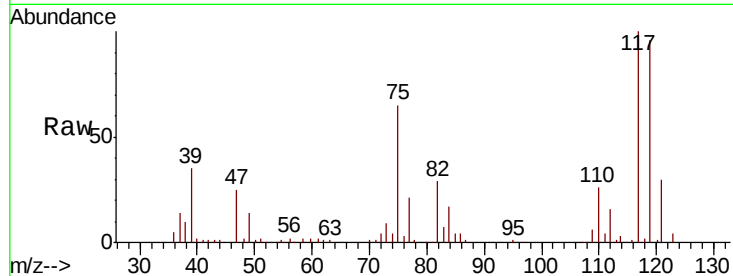




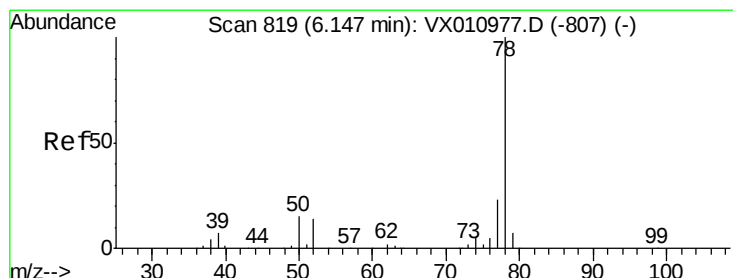
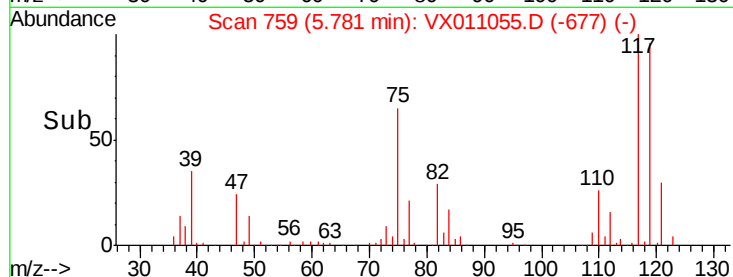
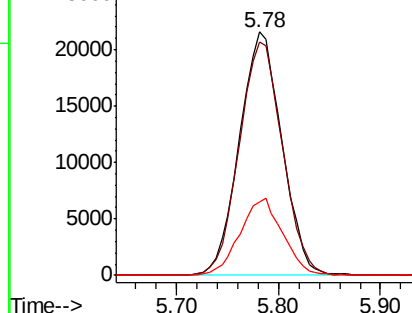
#33
Carbon Tetrachloride
Concen: 18.601 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 62400
Ion Ratio Lower Upper
117 100
119 95.4 74.3 111.5
121 29.9 24.9 37.3

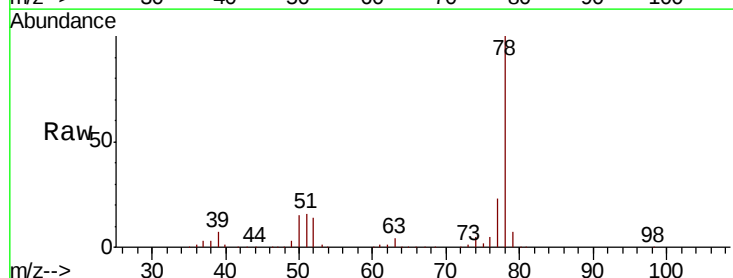


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

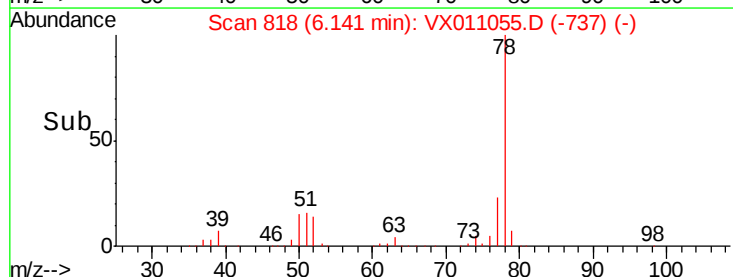
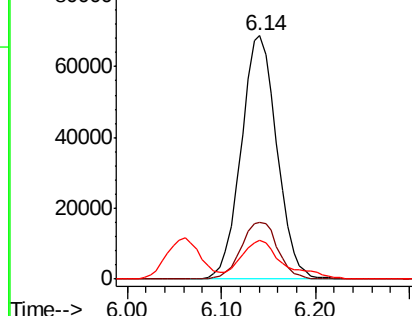


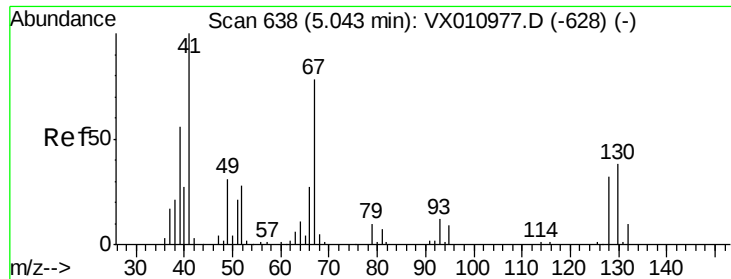
#34
Benzene
Concen: 19.003 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 78 Resp: 182381
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.4
51 15.2 11.4 17.2



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

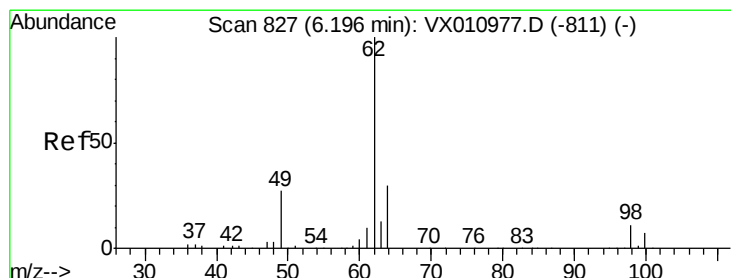
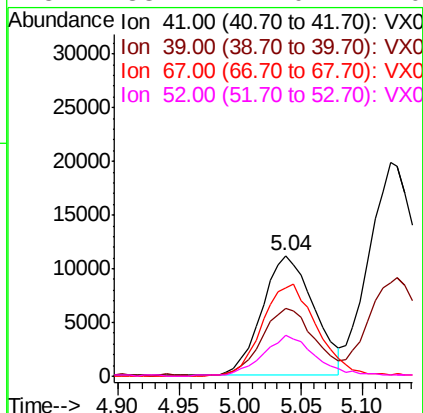
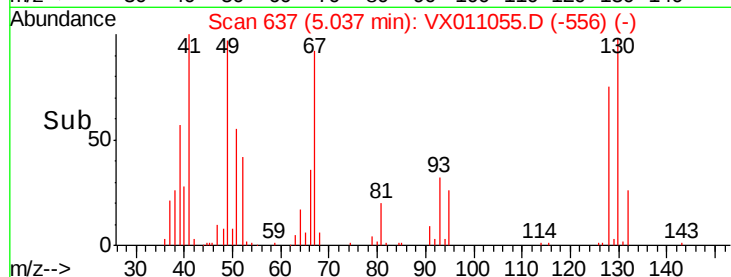
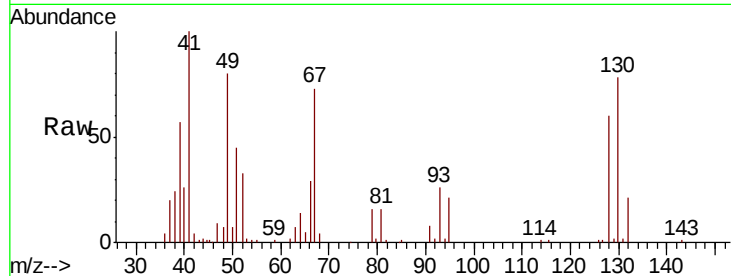




#35
Methacrylonitrile
Concen: 18.407 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

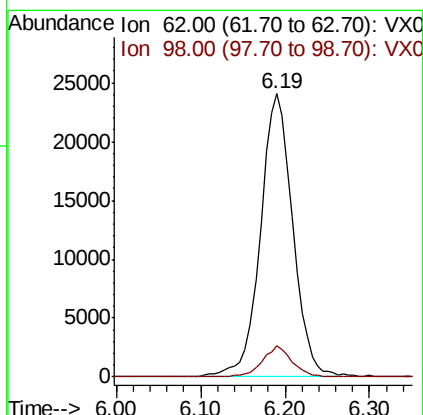
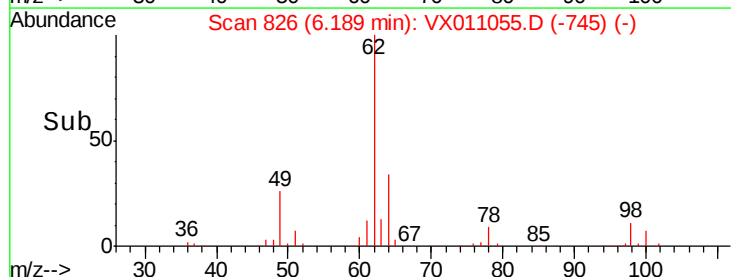
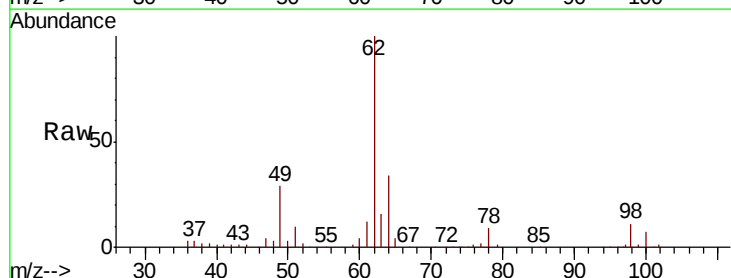
Instrument :
MSVOA_X
ClientSampleId :

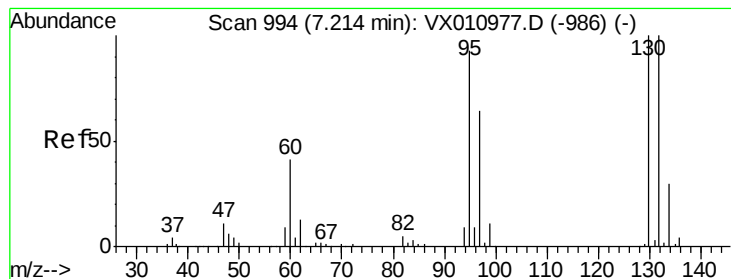
Tot Ion: 41 Resp: 33095
Ion Ratio Lower Upper
41 100
39 54.9 27.6 82.8
67 73.3 39.1 117.2
52 33.7 14.0 42.0



#36
1,2-Dichloroethane
Concen: 18.535 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 62 Resp: 63606
Ion Ratio Lower Upper
62 100
98 9.9 8.0 12.0





#37

Trichloroethene

Concen: 18.815 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

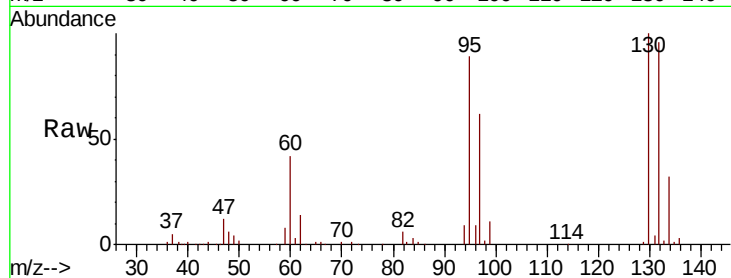
ClientSampled :

Tot Ion:130 Resp: 52868

Ion Ratio Lower Upper

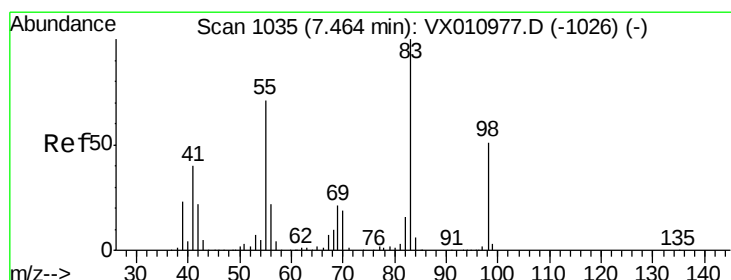
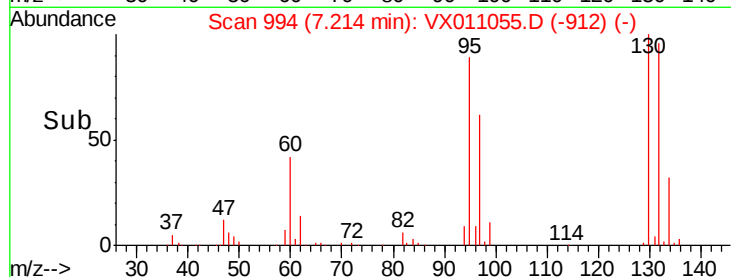
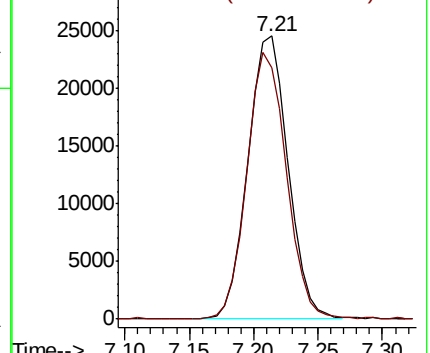
130 100

95 88.8 74.1 111.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.278 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

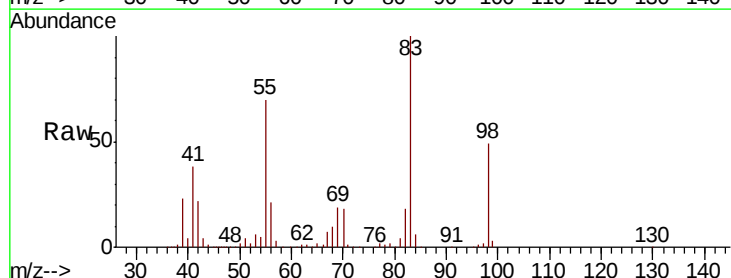
Tgt Ion: 83 Resp: 73806

Ion Ratio Lower Upper

83 100

55 70.2 35.3 105.9

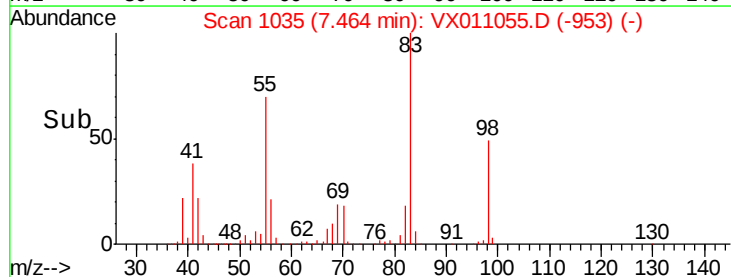
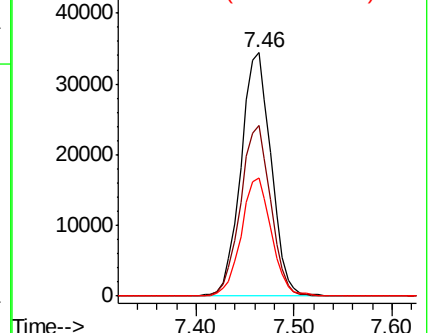
98 48.7 24.0 72.0

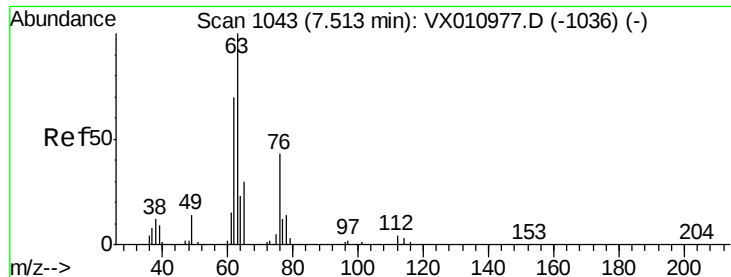


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

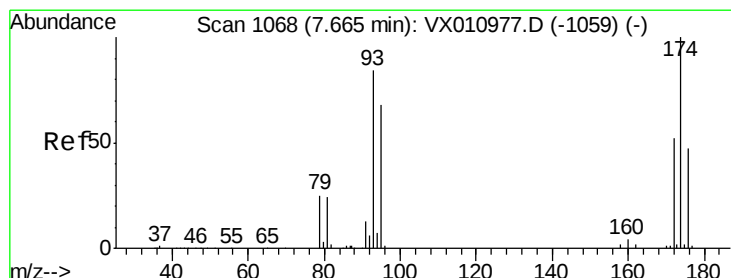
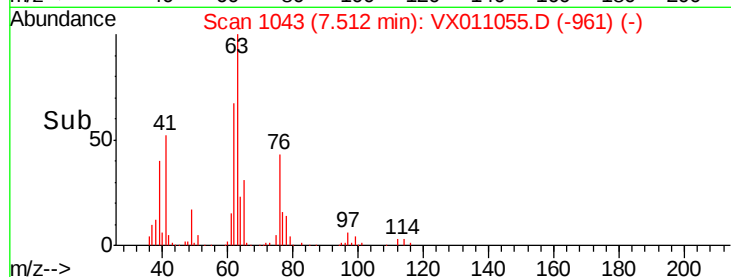
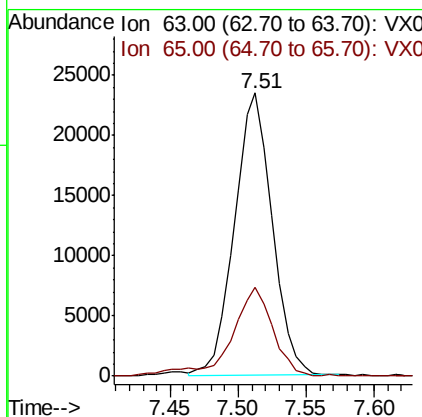
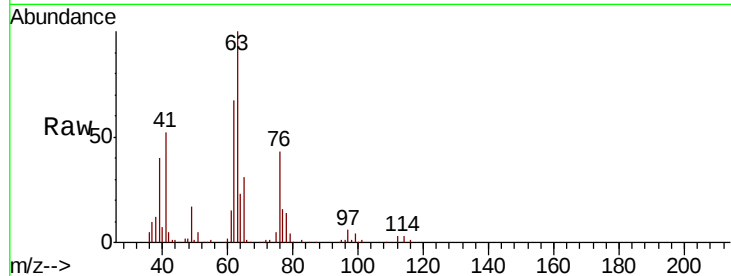




#39
 1,2-Dichloropropane
 Concen: 18.956 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

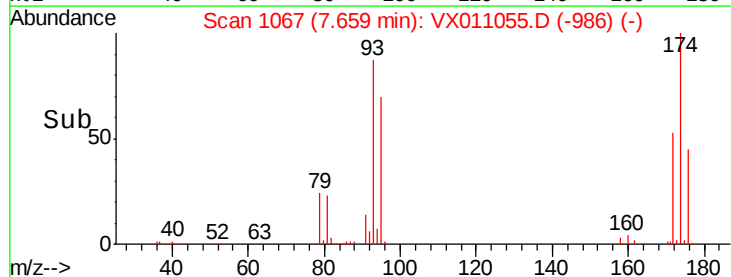
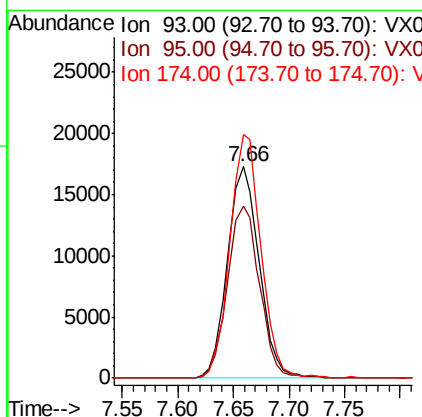
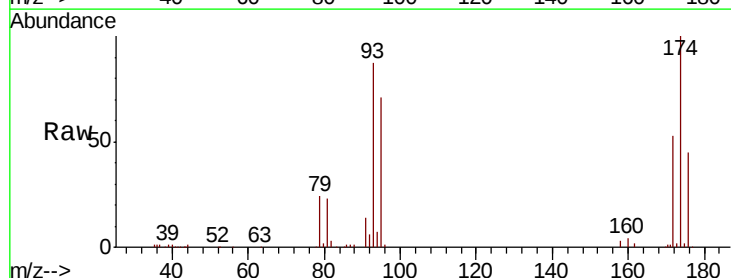
Instrument :
 MSVOA_X
 ClientSampled :

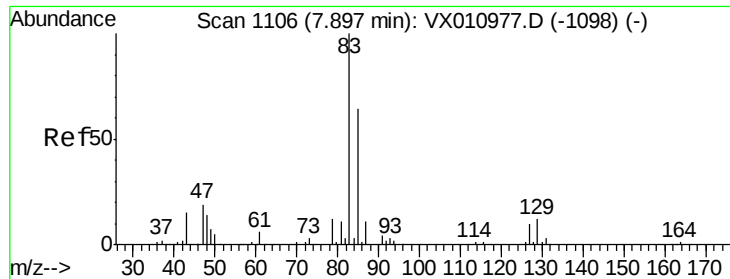
Tot Ion: 63 Resp: 45474
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.6 38.4



#40
 Dibromomethane
 Concen: 19.367 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion: 93 Resp: 34171
 Ion Ratio Lower Upper
 93 100
 95 81.4 0.0 166.0
 174 112.6 0.0 229.2





#41

Bromodichloromethane

Concen: 19.047 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampleId :

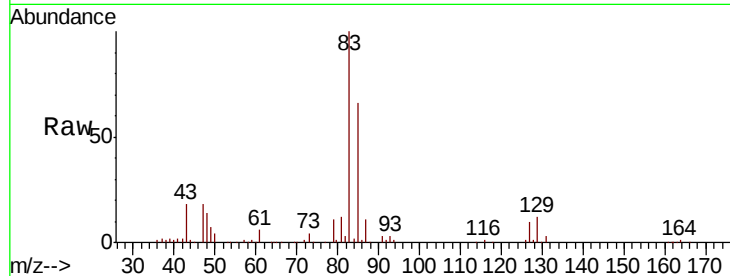
Tot Ion: 83 Resp: 61170

Ion Ratio Lower Upper

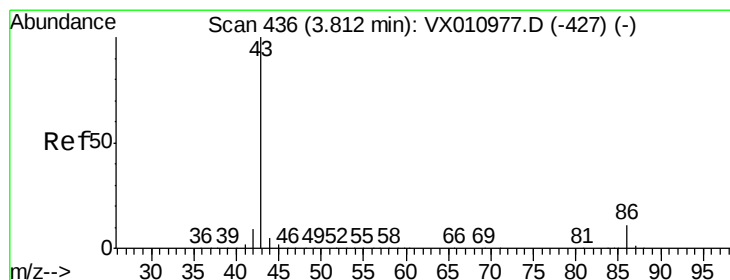
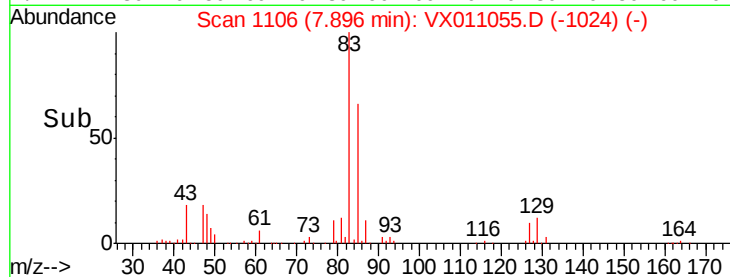
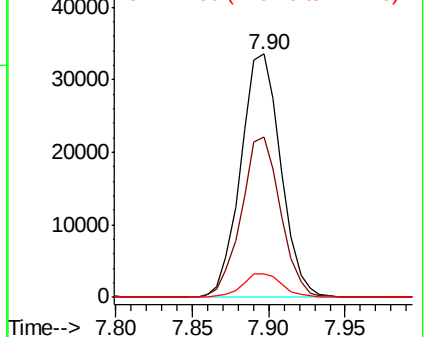
83 100

85 65.8 50.9 76.3

127 9.7 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.837 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX011055.D

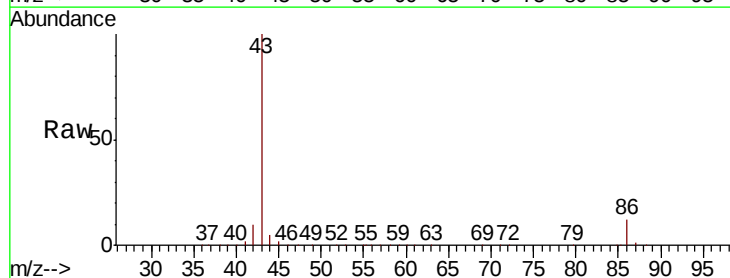
Acq: 24 Jul 2019 12:15

Tgt Ion: 43 Resp: 545325

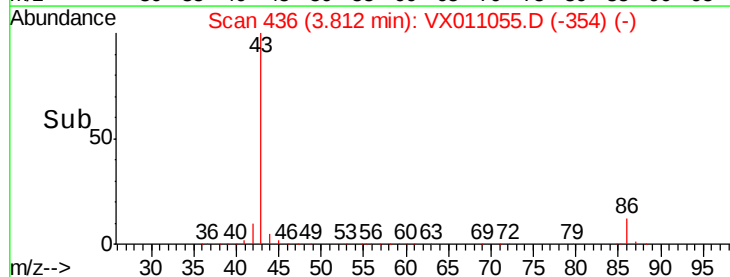
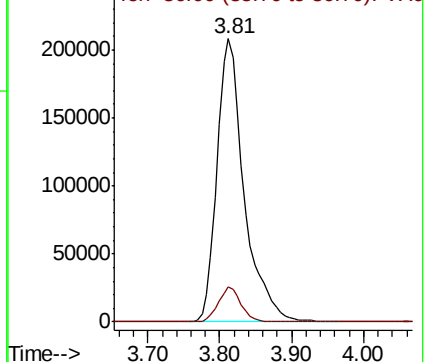
Ion Ratio Lower Upper

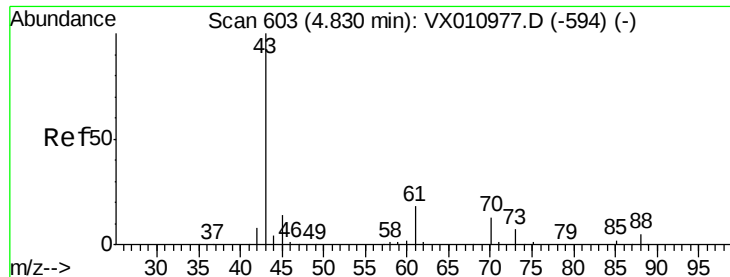
43 100

86 10.4 8.2 12.2



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





#43

Ethyl Acetate

Concen: 17.667 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

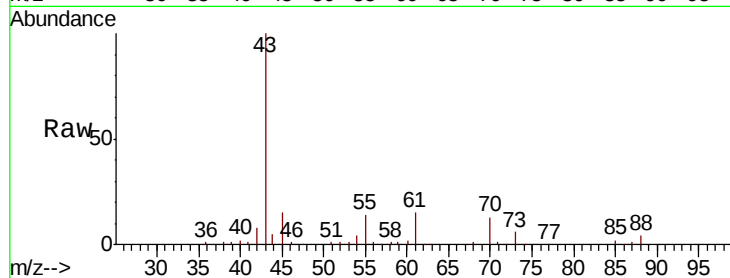
ClientSampleId :

Tot Ion: 43 Resp: 58571

Ion Ratio Lower Upper

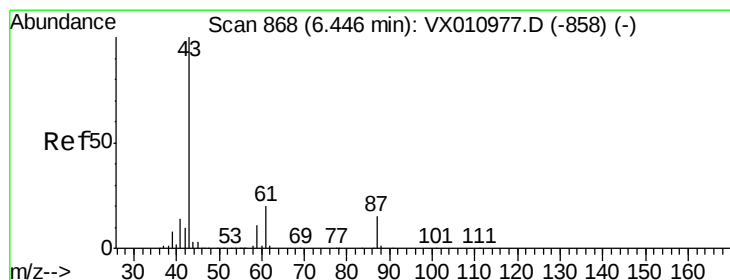
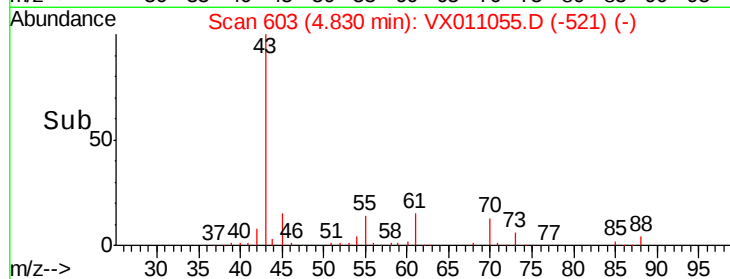
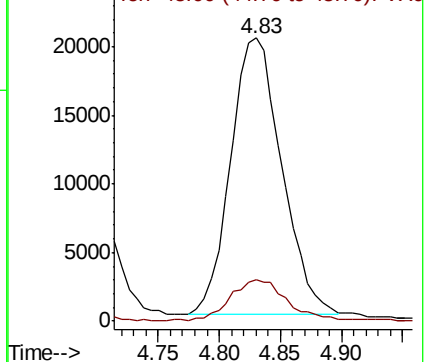
43 100

45 16.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.733 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011055.D

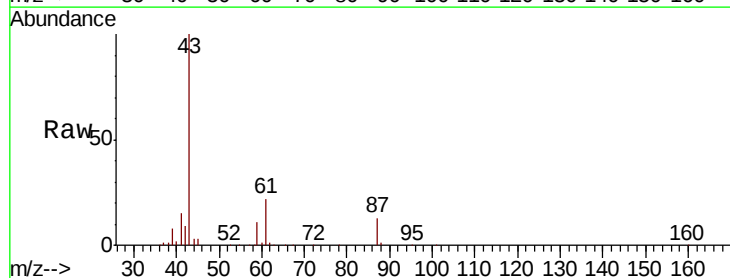
Acq: 24 Jul 2019 12:15

Tgt Ion: 43 Resp: 101155

Ion Ratio Lower Upper

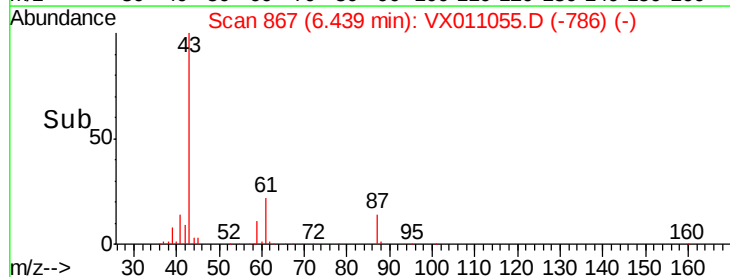
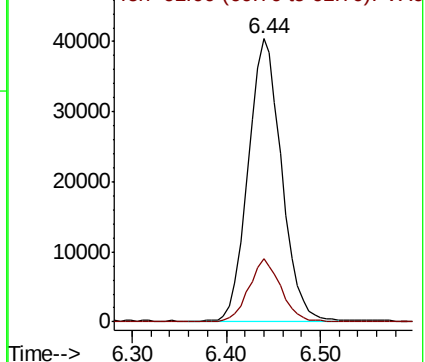
43 100

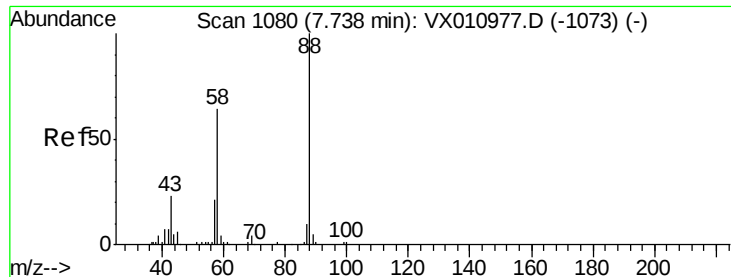
61 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 388.078 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampleId :

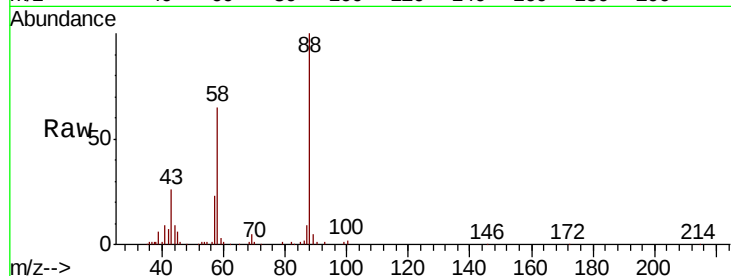
Tot Ion: 88 Resp: 27275

Ion Ratio Lower Upper

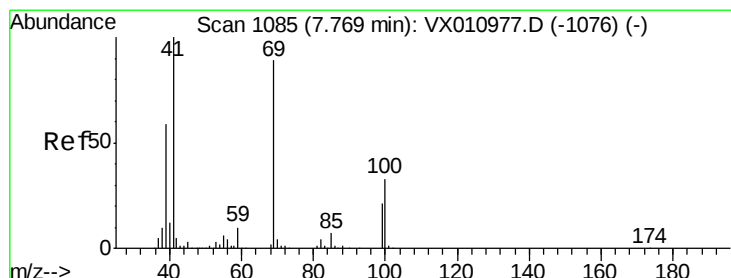
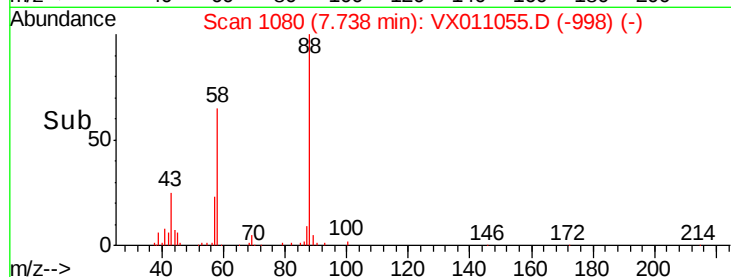
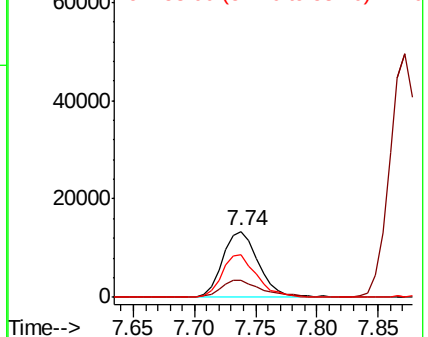
88 100

43 28.5 21.6 32.4

58 63.7 52.2 78.2



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



#46

Methyl methacrylate

Concen: 18.137 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

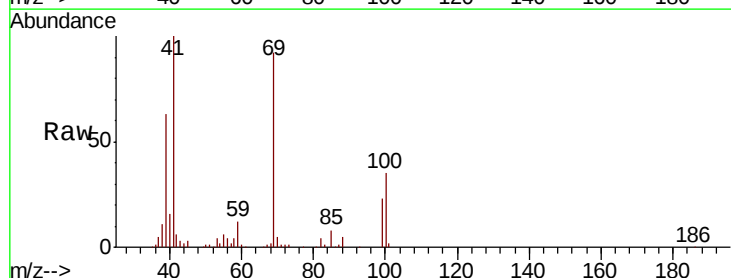
Tgt Ion: 41 Resp: 47536

Ion Ratio Lower Upper

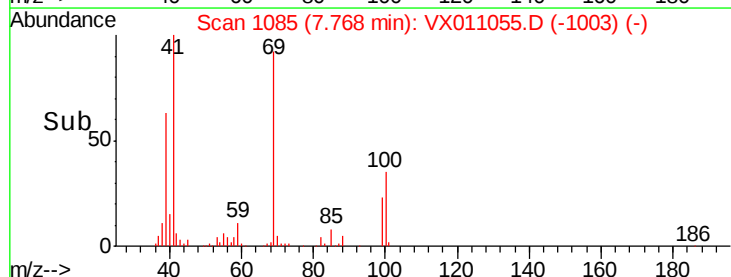
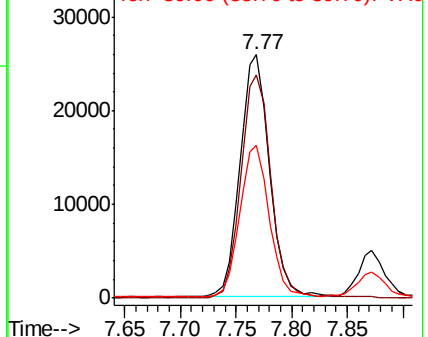
41 100

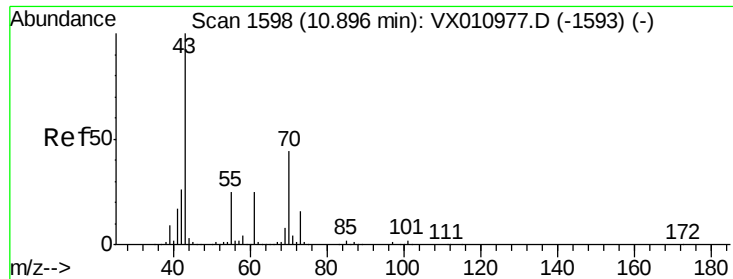
69 92.1 44.7 134.1

39 62.5 29.4 88.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.859 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

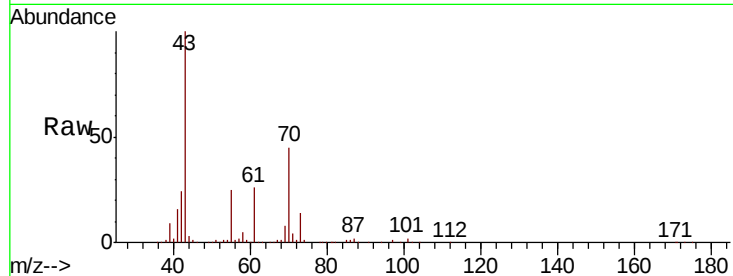
ClientSampleId :

Tot Ion: 43 Resp: 91333

Ion Ratio Lower Upper

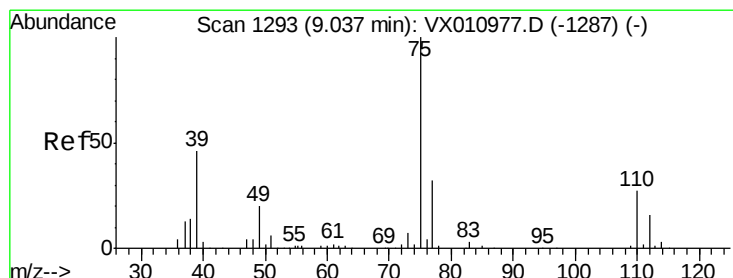
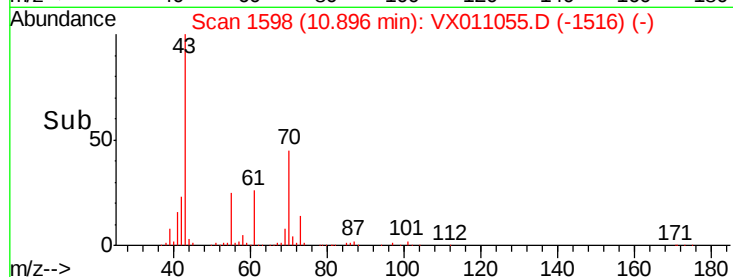
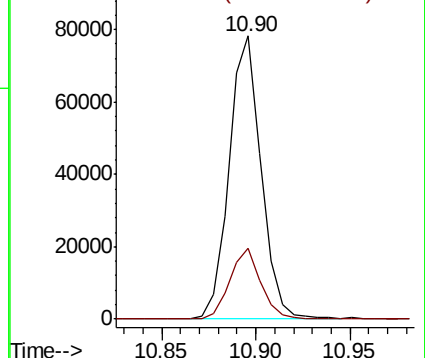
43 100

55 24.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.312 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011055.D

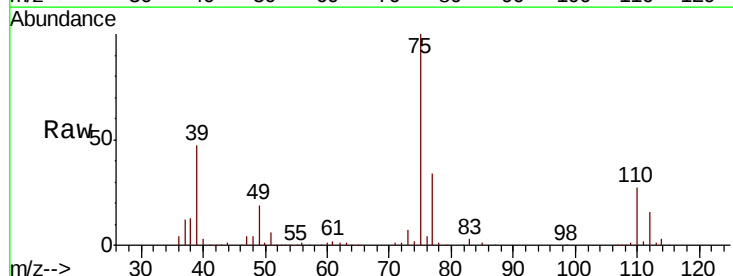
Acq: 24 Jul 2019 12:15

Tgt Ion: 75 Resp: 65363

Ion Ratio Lower Upper

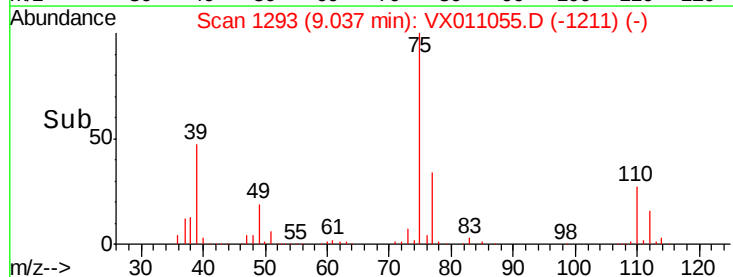
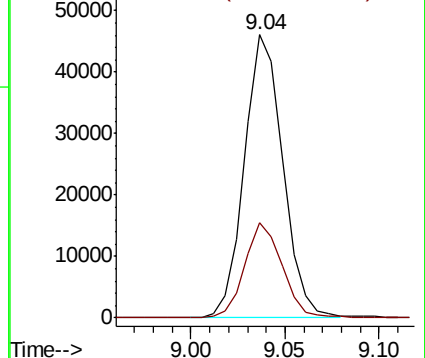
75 100

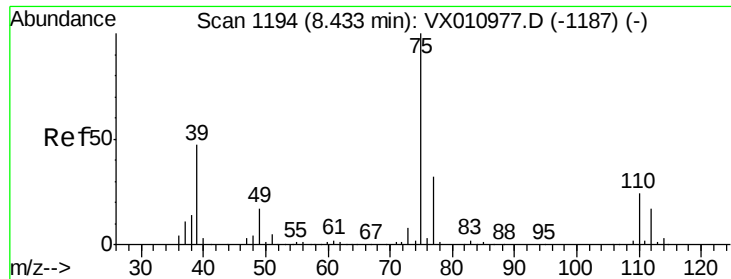
77 33.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

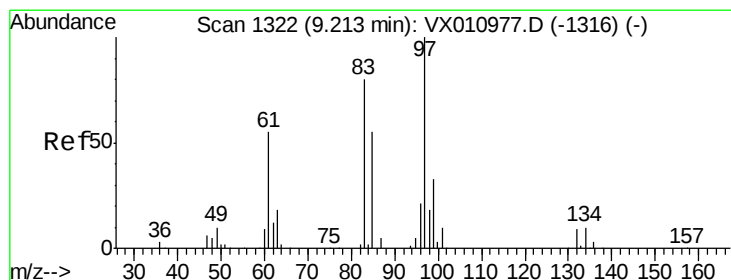
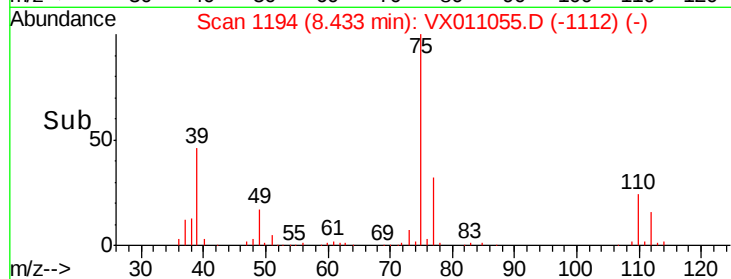
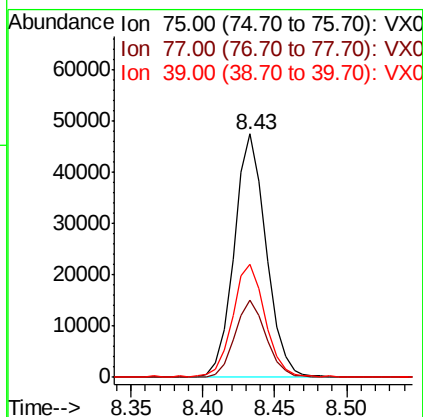
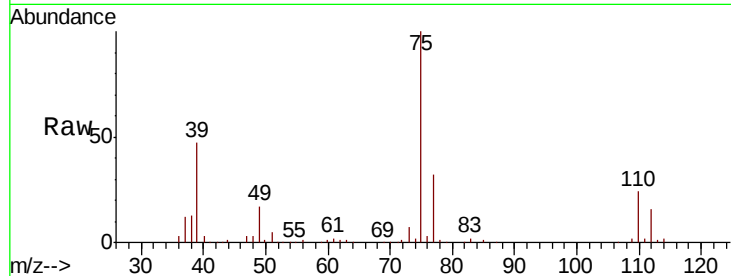




#49
 cis-1,3-Dichloropropene
 Concen: 19.937 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

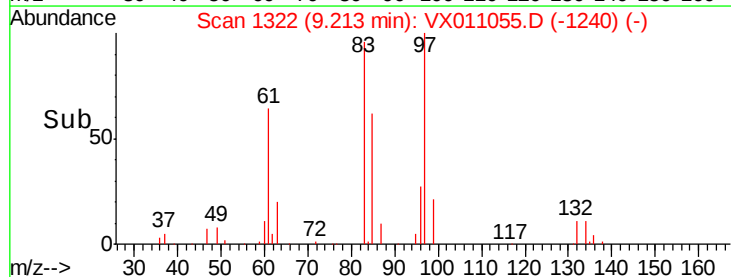
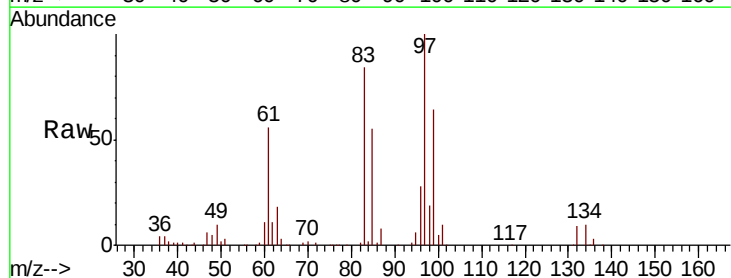
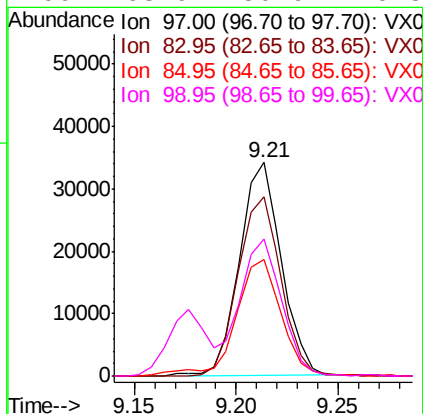
Instrument :
 MSVOA_X
 ClientSampleId :

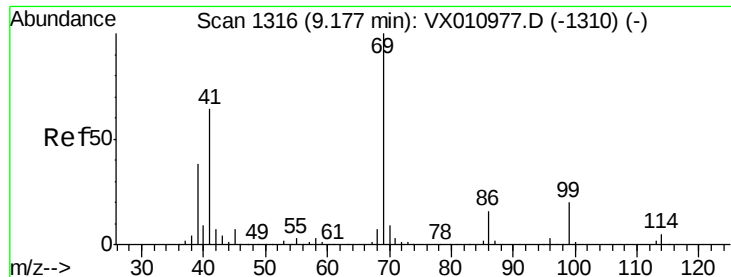
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.3	37.9
39	46.2	37.8	56.6



#50
 1,1,2-Trichloroethane
 Concen: 18.719 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	63.9	95.9
85	54.6	43.4	65.2
99	63.9	50.9	76.3





#51

Ethyl methacrylate

Concen: 18.570 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampled :

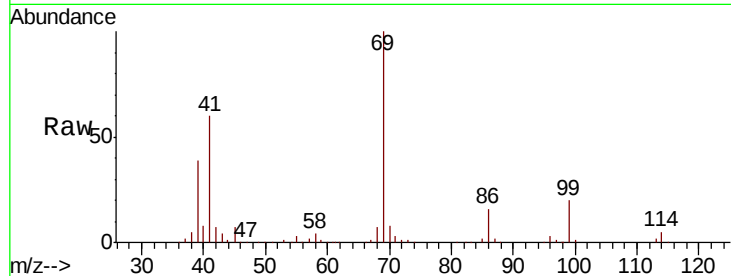
Tot Ion: 69 Resp: 74164

Ion Ratio Lower Upper

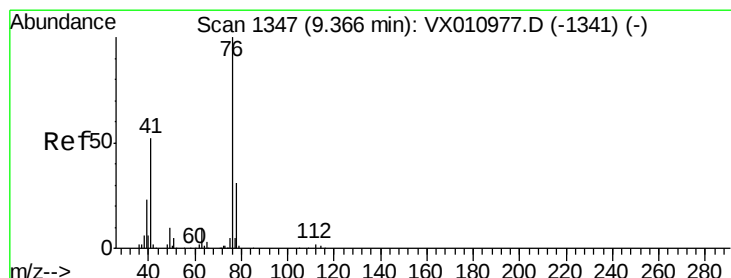
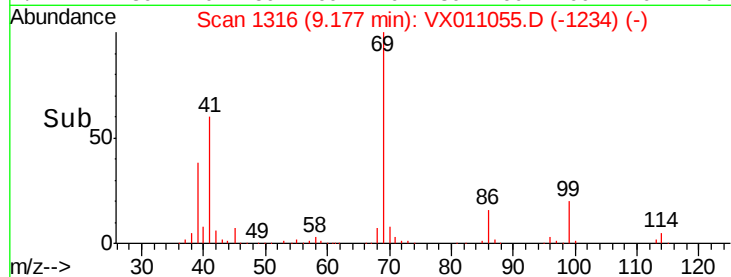
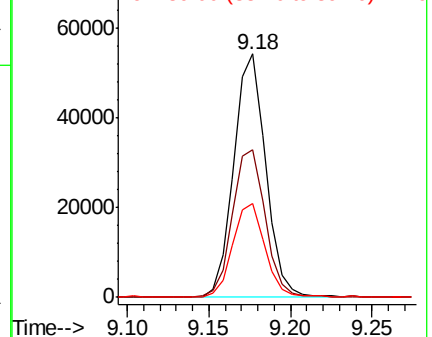
69 100

41 60.2 32.1 96.3

39 38.4 19.1 57.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.847 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011055.D

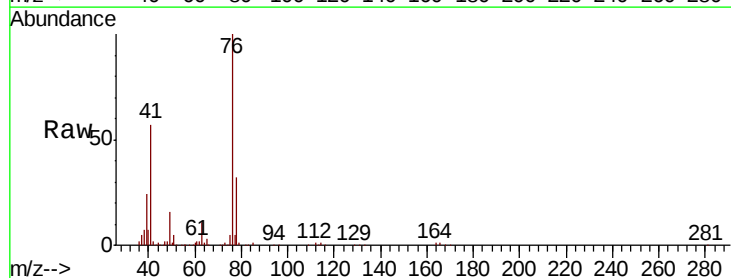
Acq: 24 Jul 2019 12:15

Tgt Ion: 76 Resp: 78205

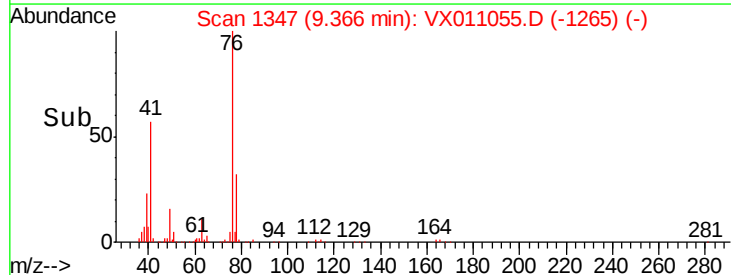
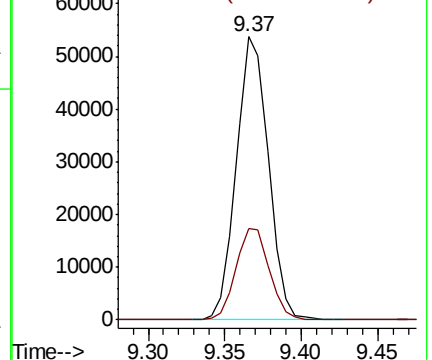
Ion Ratio Lower Upper

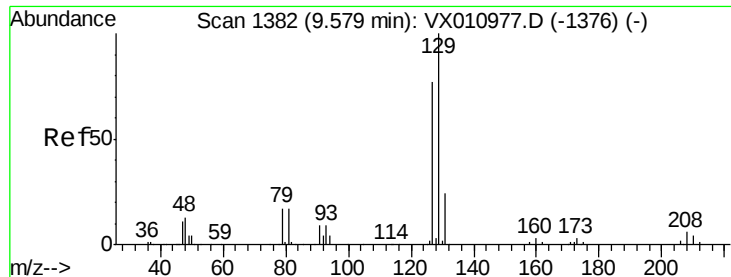
76 100

78 33.4 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.925 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

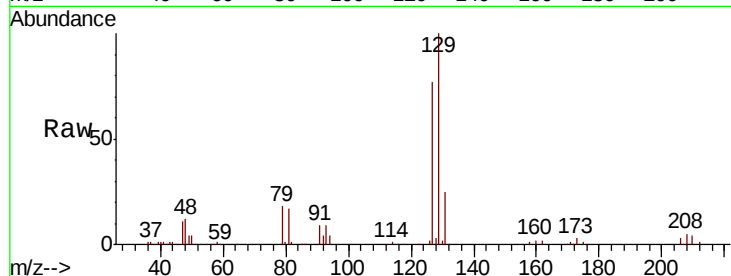
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 52779

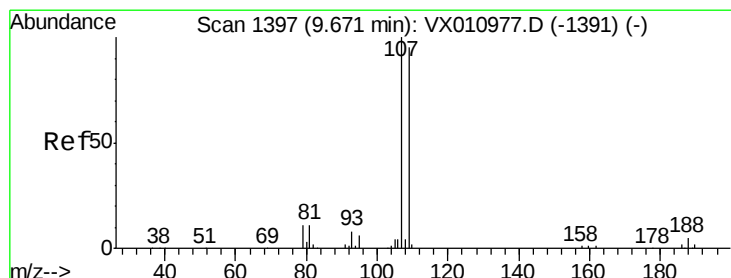
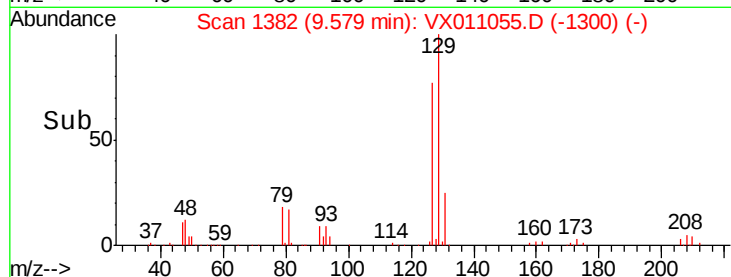
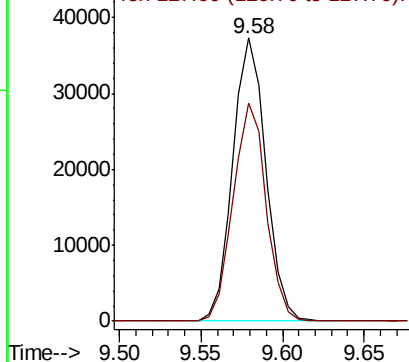
Ion Ratio Lower Upper

129 100

127 76.7 38.1 114.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.296 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011055.D

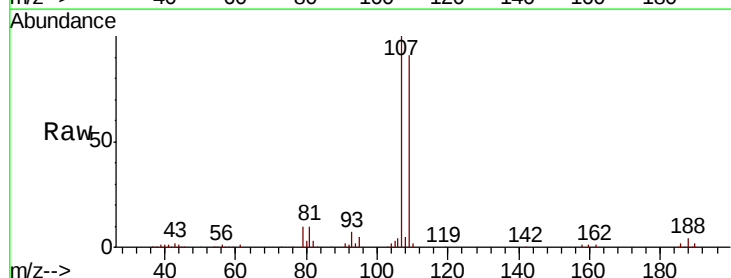
Acq: 24 Jul 2019 12:15

Tgt Ion:107 Resp: 54149

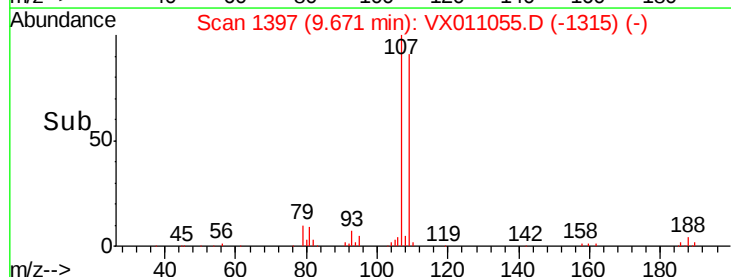
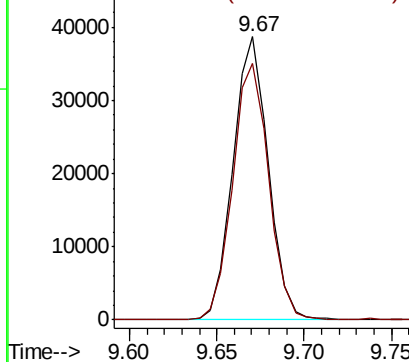
Ion Ratio Lower Upper

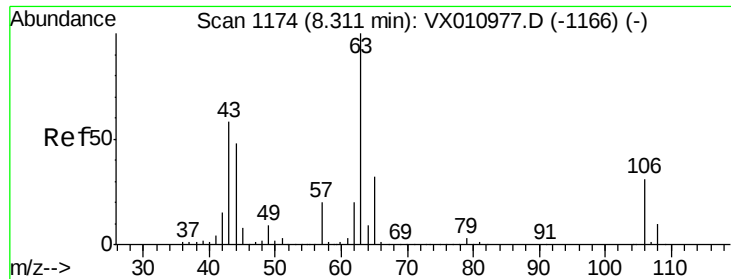
107 100

109 92.9 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

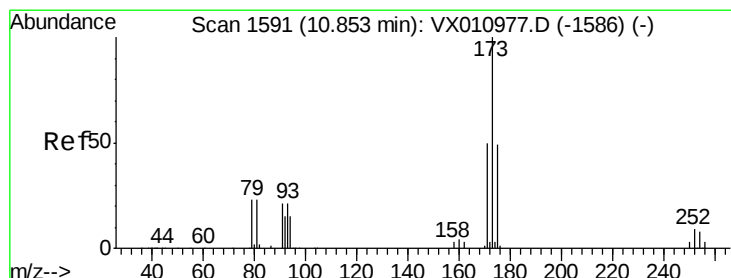
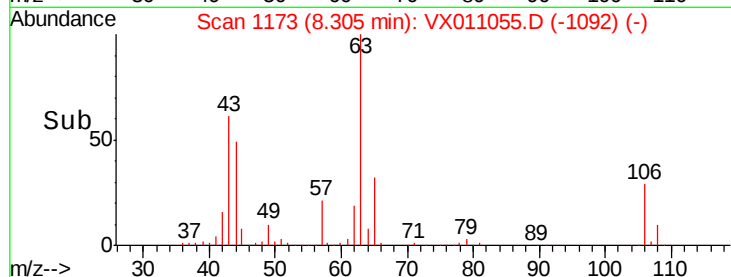
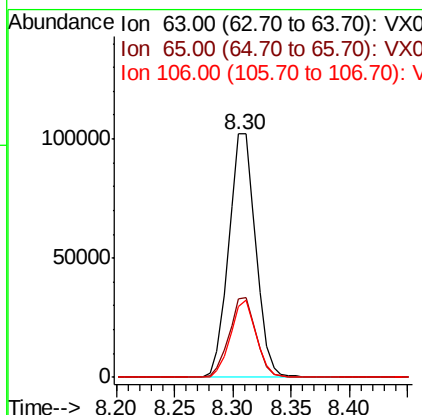
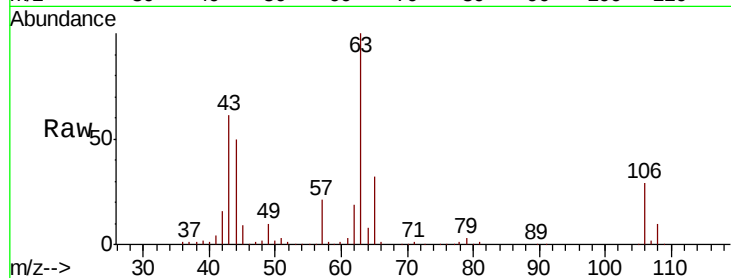




#55
2-Chloroethyl vinyl ether
Concen: 97.431 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

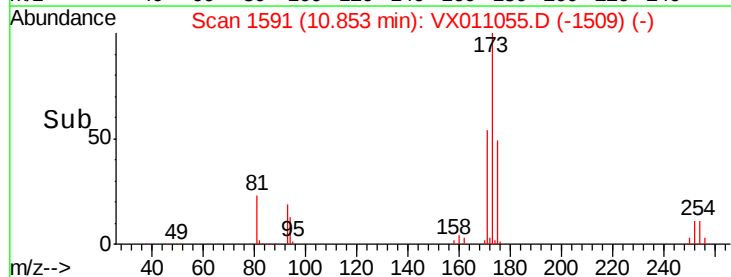
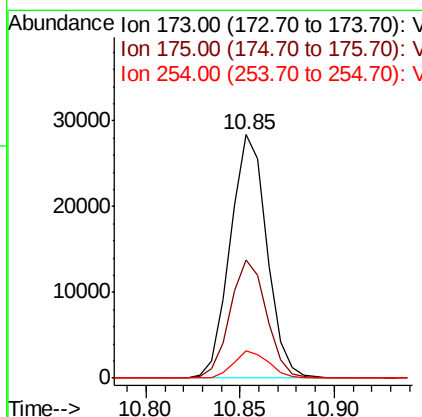
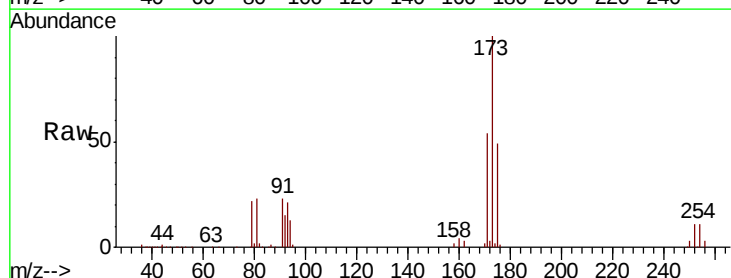
Instrument :
MSVOA_X
ClientSampleId :

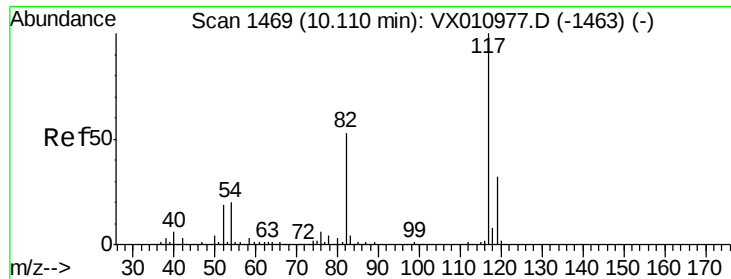
Tot Ion: 63 Resp: 164776
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 30.2 24.8 37.2



#56
Bromoform
Concen: 18.430 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 173 Resp: 38279
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 10.5 7.9 11.9

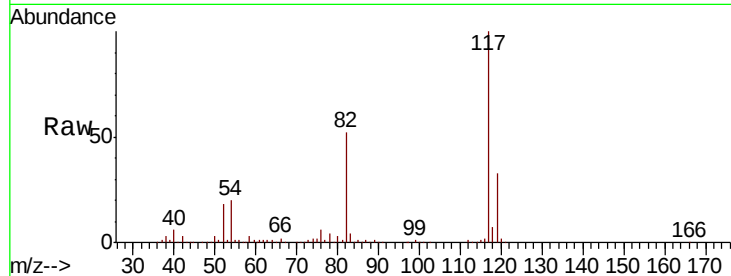




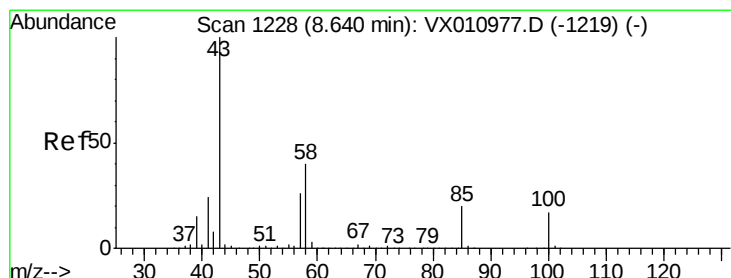
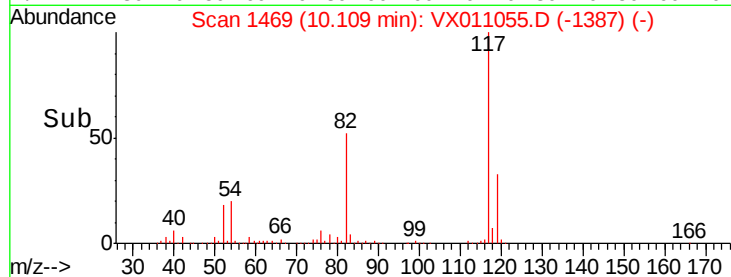
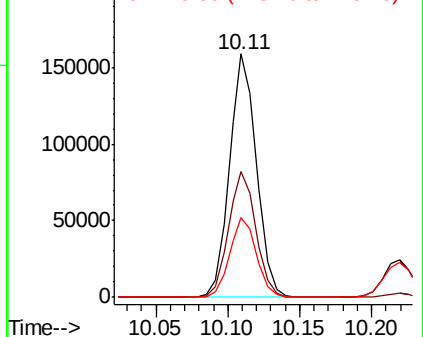
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	32.5	26.0	39.0

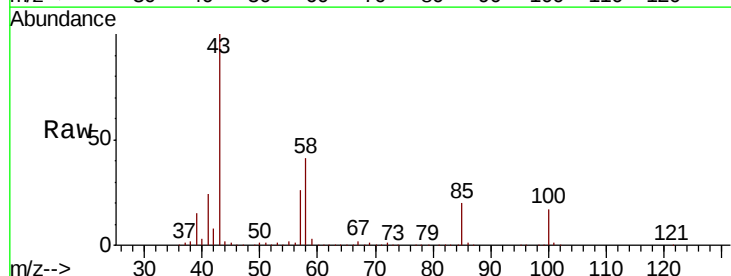


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

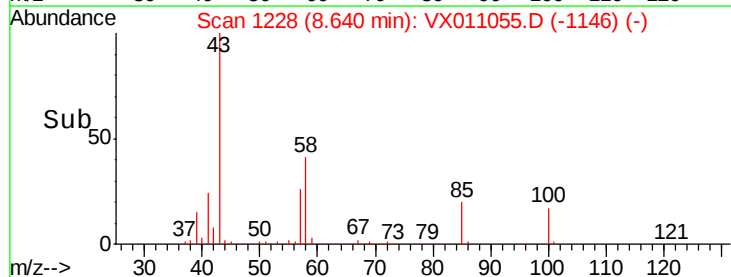
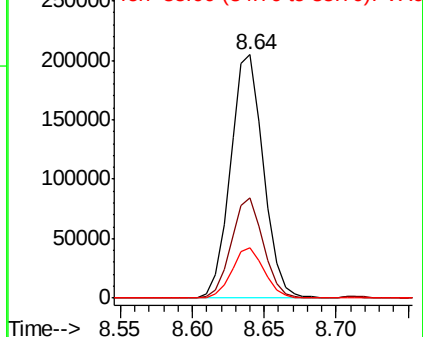


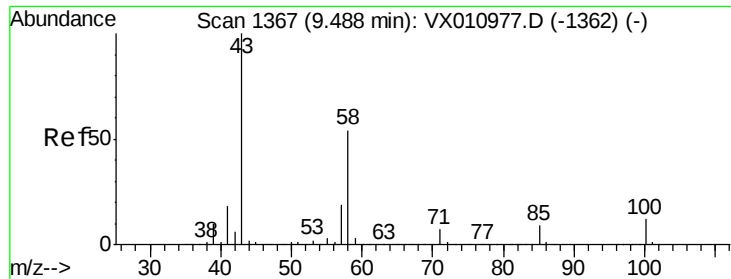
#58
4-Methyl-2-Pentanone
Concen: 92.915 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	32.6	48.8
85	20.1	15.8	23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

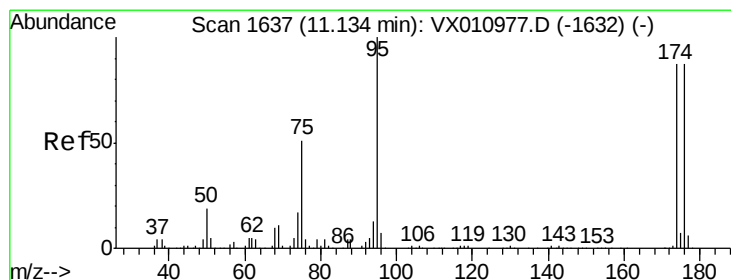
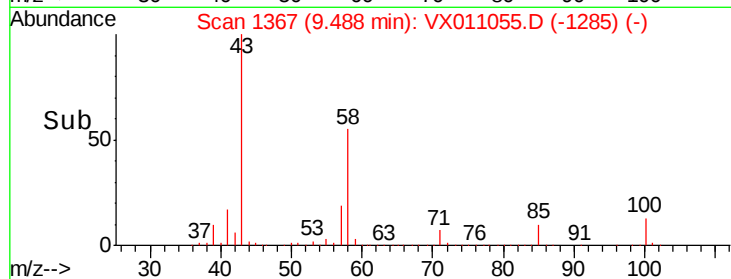
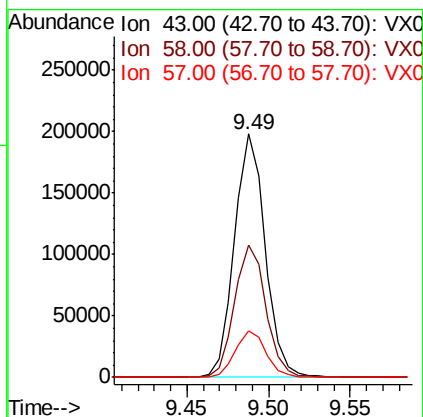
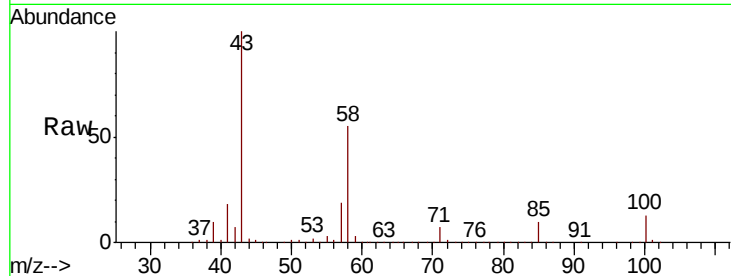




#59
2-Hexanone
Concen: 96.774 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

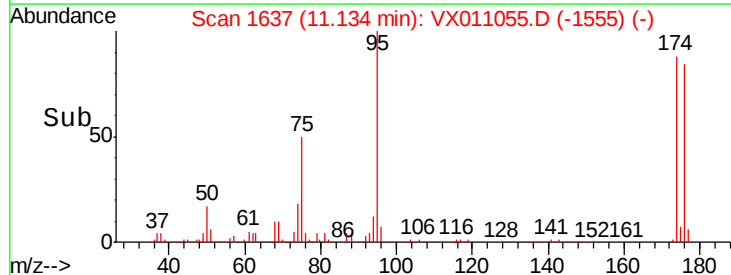
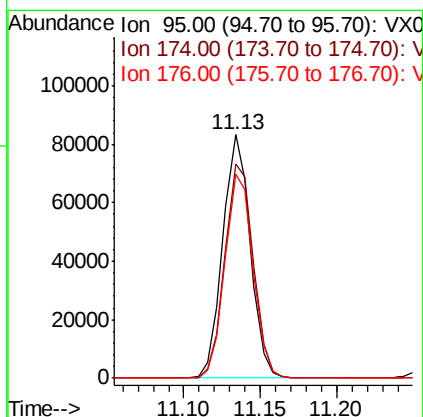
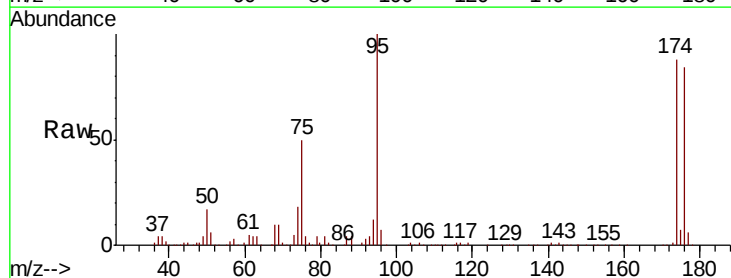
Instrument :
MSVOA_X
ClientSampleId :

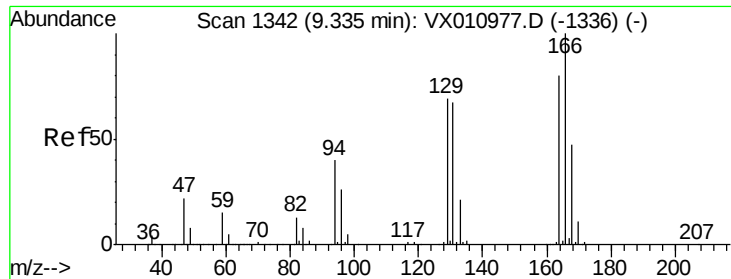
Tot Ion: 43 Resp: 260187
Ion Ratio Lower Upper
43 100
58 55.5 44.7 67.1
57 19.3 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.164 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion: 95 Resp: 103287
Ion Ratio Lower Upper
95 100
174 91.5 73.3 109.9
176 86.2 71.2 106.8





#61

Tetrachloroethene

Concen: 19.322 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 53076

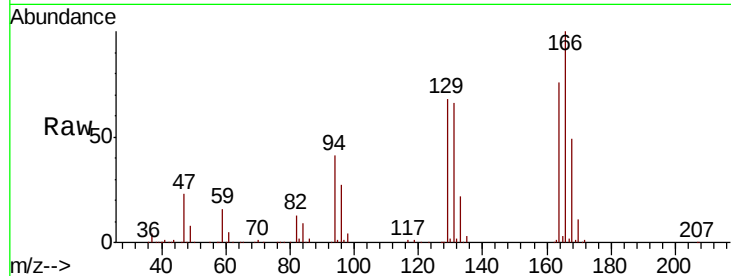
Ion Ratio Lower Upper

164 100

166 131.4 100.1 150.1

129 89.6 69.6 104.4

131 87.1 67.0 100.6

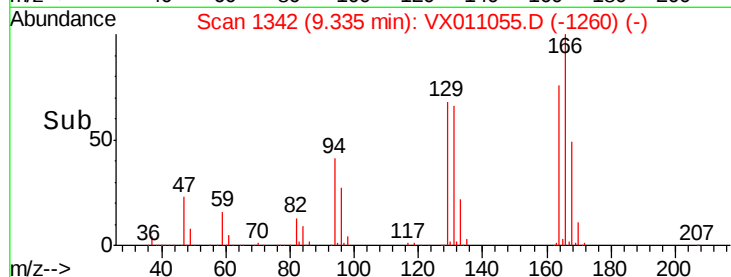


Abundance Ion 163.85 (163.55 to 164.55): V

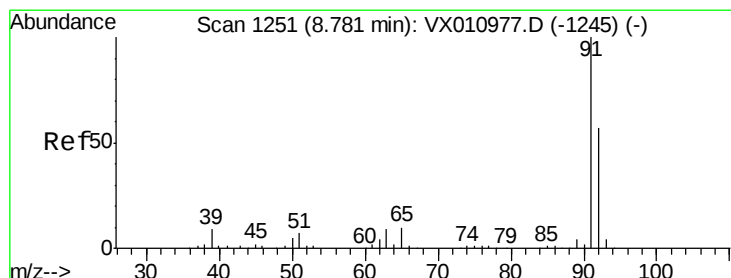
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 18.841 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011055.D

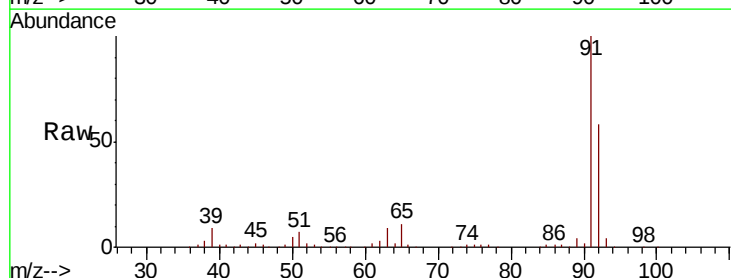
Acq: 24 Jul 2019 12:15

Tgt Ion: 91 Resp: 208236

Ion Ratio Lower Upper

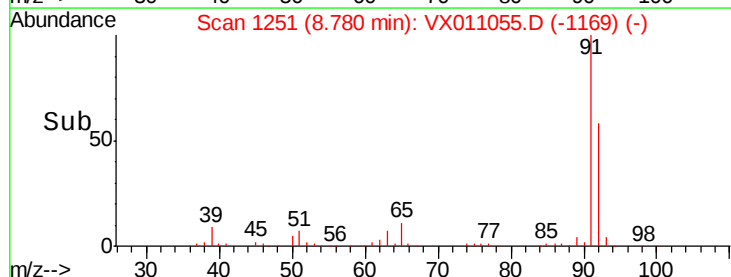
91 100

92 56.8 45.4 68.2

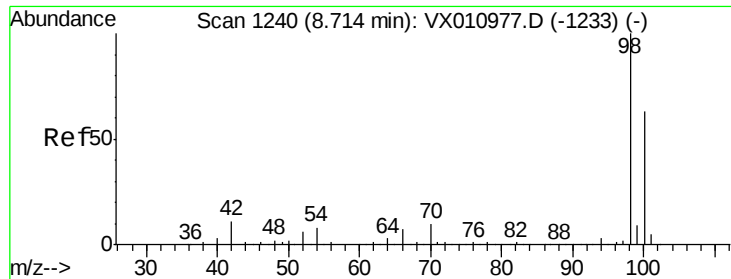


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 29.824 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

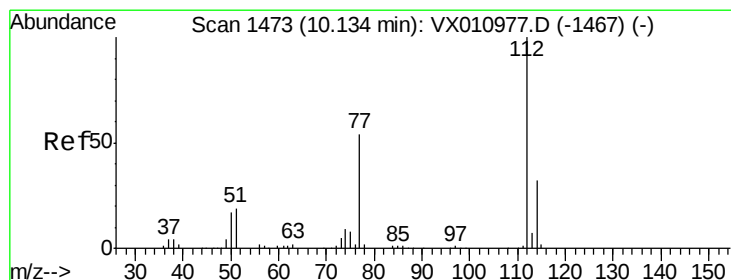
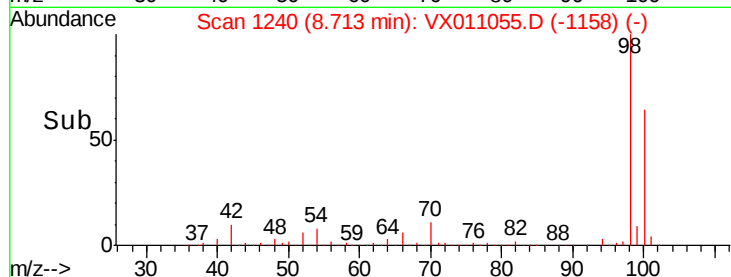
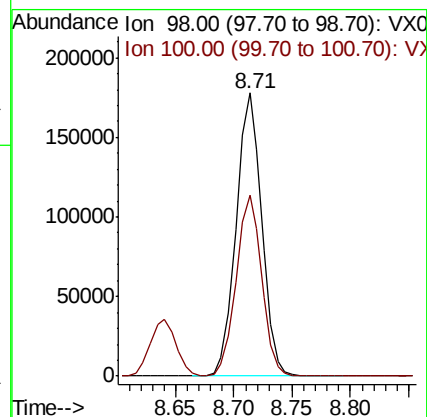
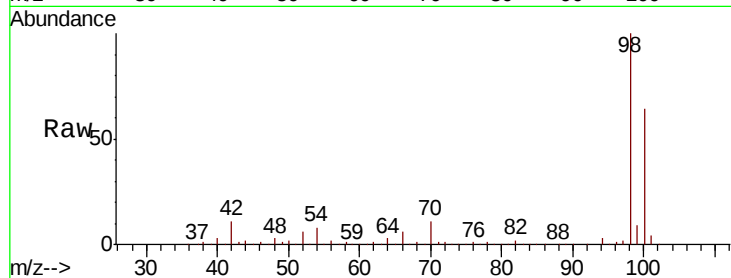
ClientSampleId :

Tot Ion: 98 Resp: 272724

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0



#64

Chlorobenzene

Concen: 19.379 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011055.D

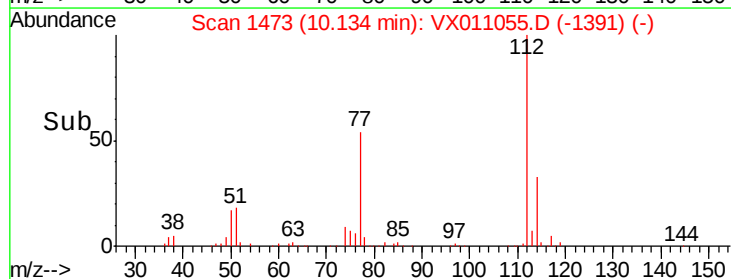
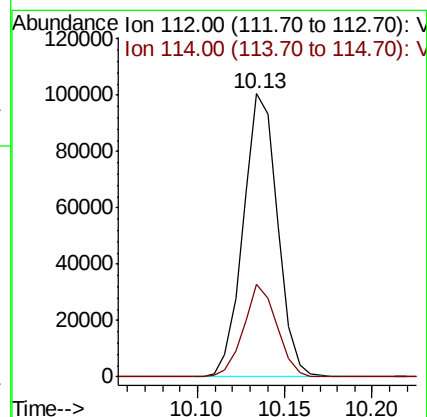
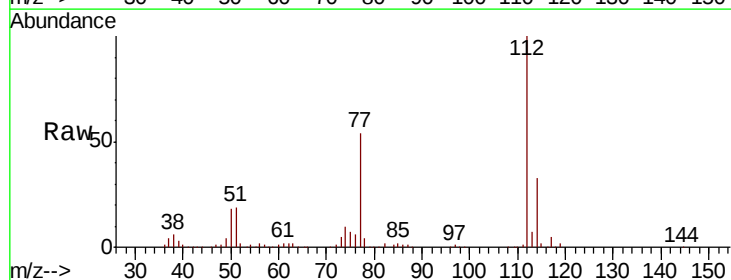
Acq: 24 Jul 2019 12:15

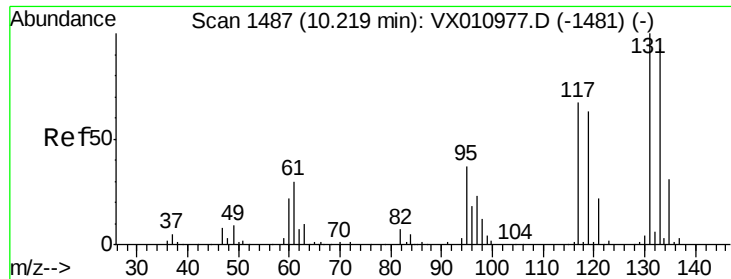
Tgt Ion: 112 Resp: 137226

Ion Ratio Lower Upper

112 100

114 32.7 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 19.283 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

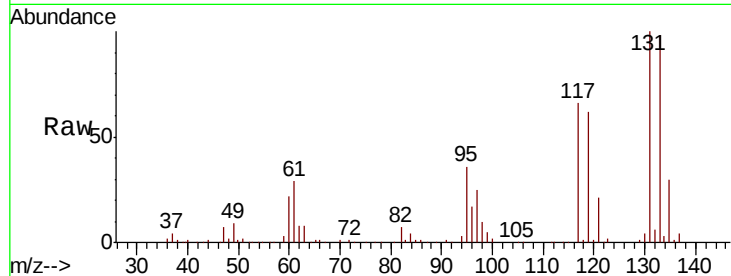
Tot Ion:131 Resp: 49625

Ion Ratio Lower Upper

131 100

133 95.3 0.0 190.2

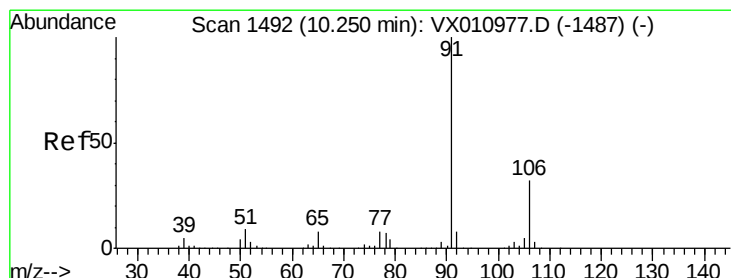
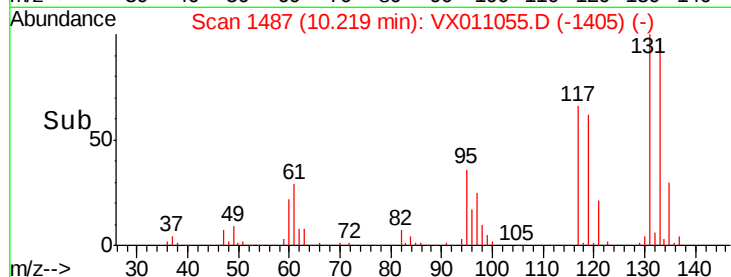
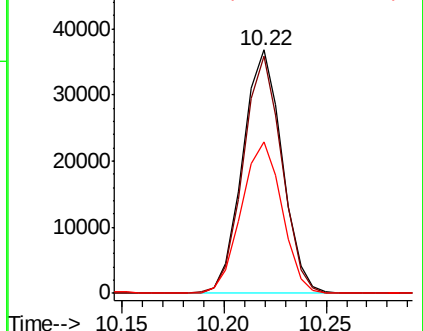
119 63.9 0.0 127.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.877 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011055.D

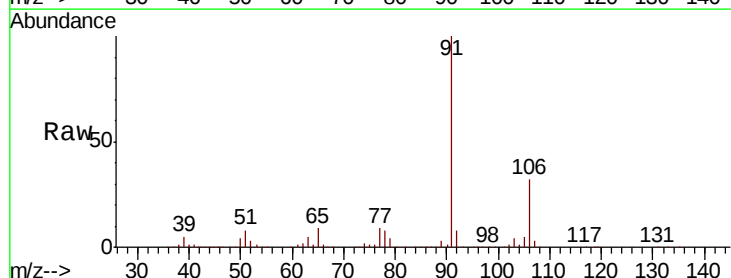
Acq: 24 Jul 2019 12:15

Tgt Ion: 91 Resp: 234875

Ion Ratio Lower Upper

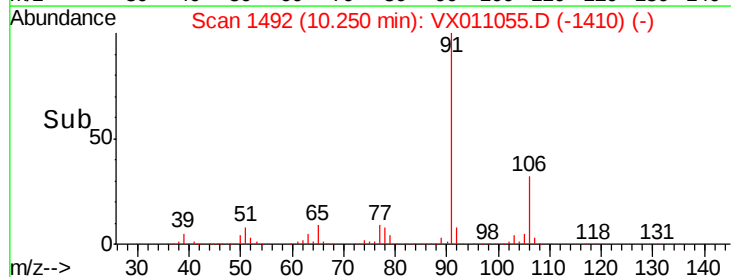
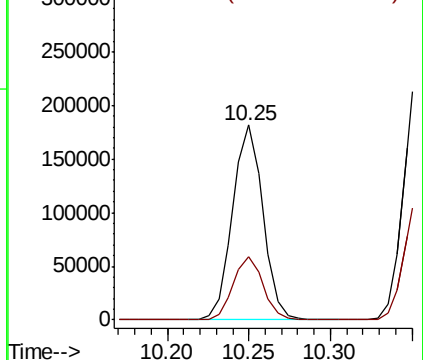
91 100

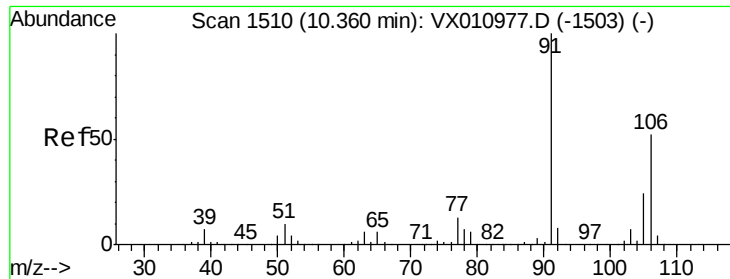
106 32.3 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

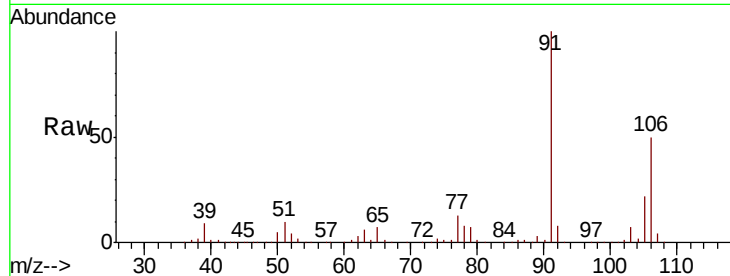




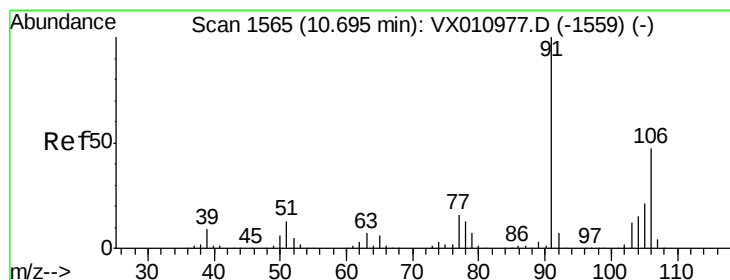
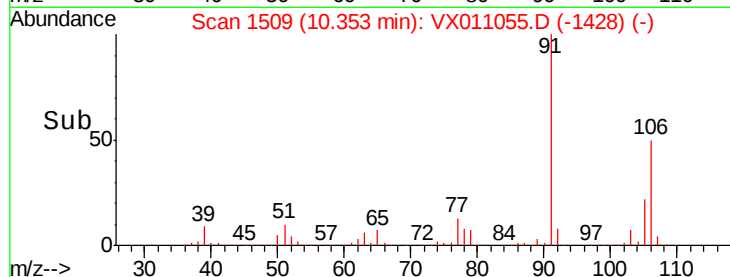
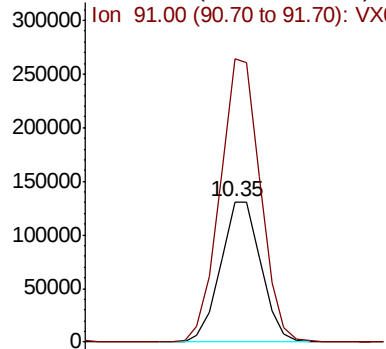
#67
m/p-Xvlenes
Concen: 37.702 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 179473
Ion Ratio Lower Upper
106 100
91 202.0 156.6 235.0

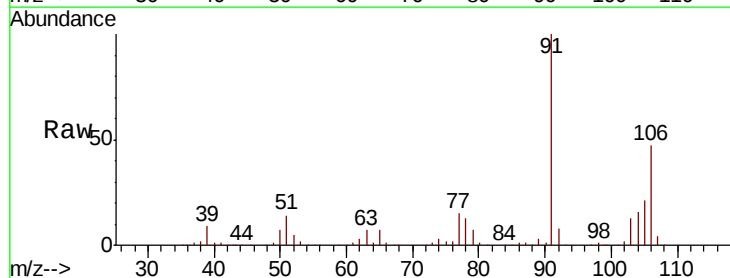


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

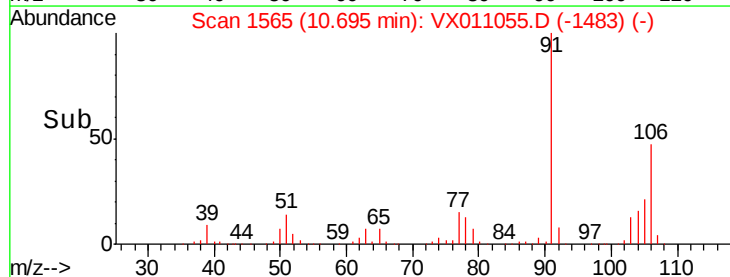
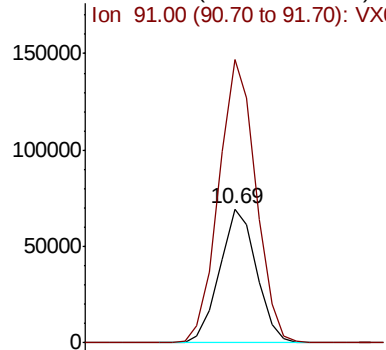


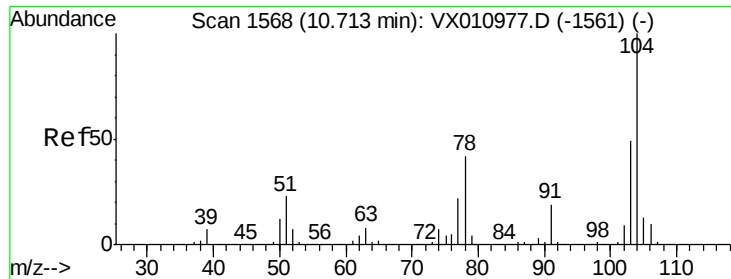
#68
o-Xylene
Concen: 18.832 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011055.D
Acq: 24 Jul 2019 12:15

Tgt Ion:106 Resp: 87837
Ion Ratio Lower Upper
106 100
91 211.9 104.0 312.0



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





#69

Stvrene

Concen: 19.062 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

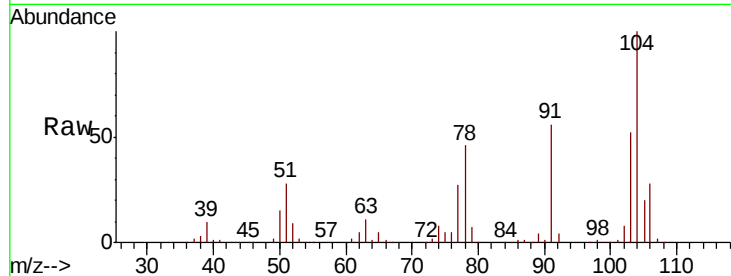
Tot Ion:104 Resp: 149450

Ion Ratio Lower Upper

104 100

78 48.9 38.5 57.7

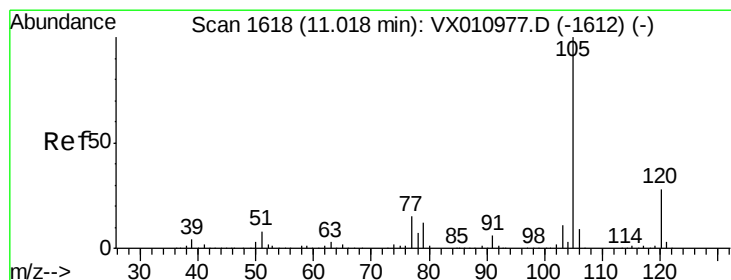
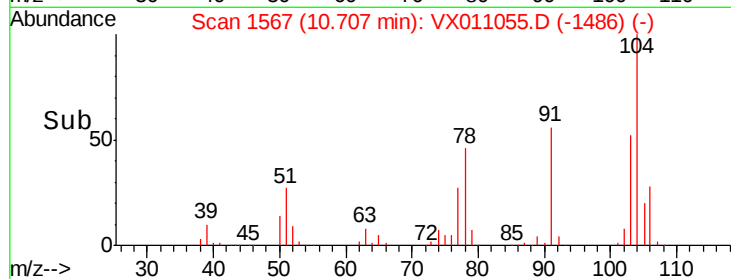
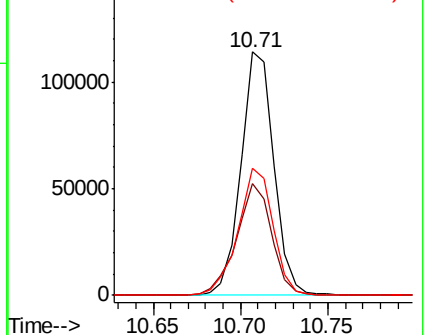
103 55.6 44.6 67.0



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: 19.504 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011055.D

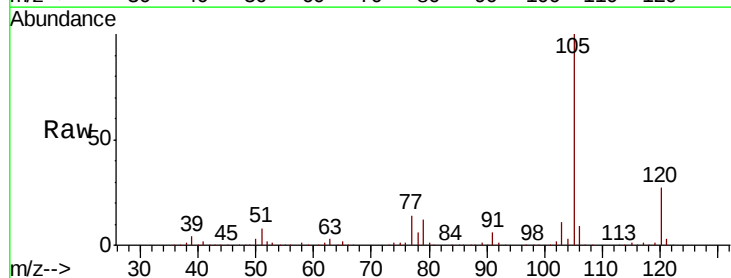
Acq: 24 Jul 2019 12:15

Tgt Ion:105 Resp: 242253

Ion Ratio Lower Upper

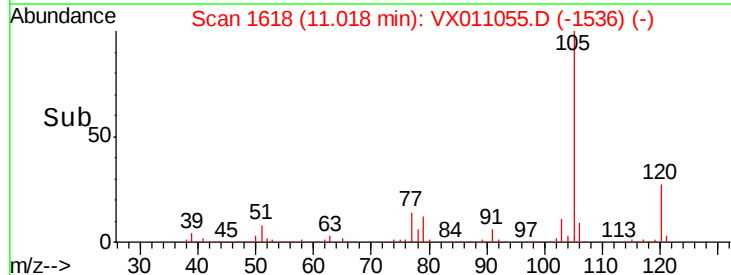
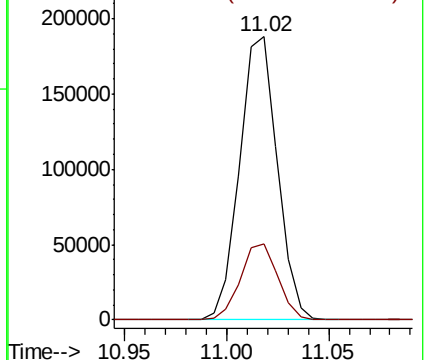
105 100

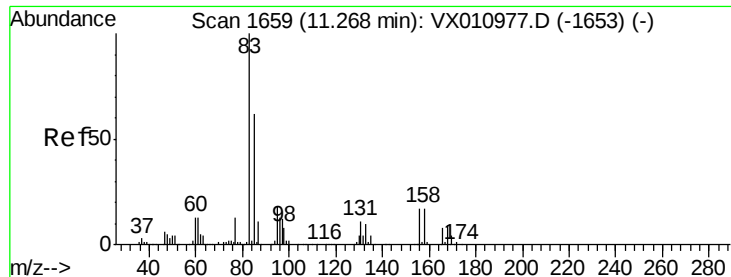
120 26.6 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

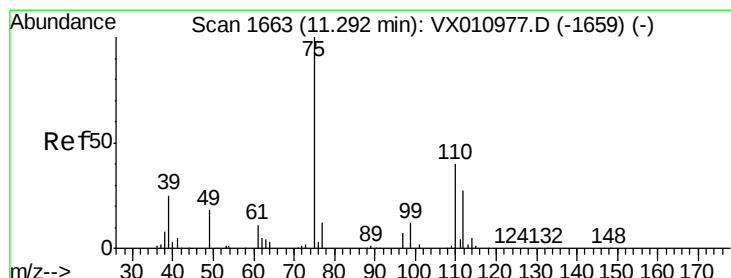
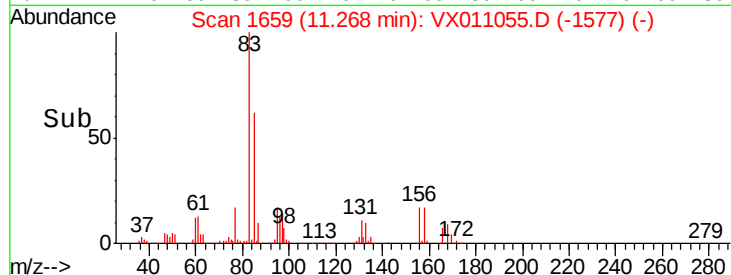
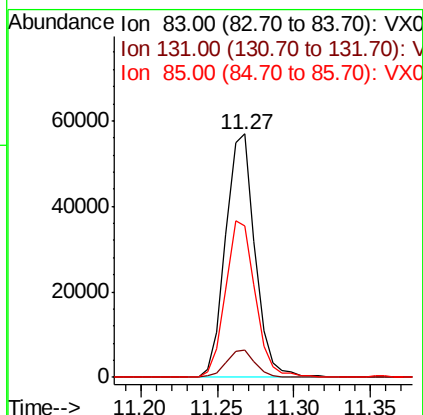
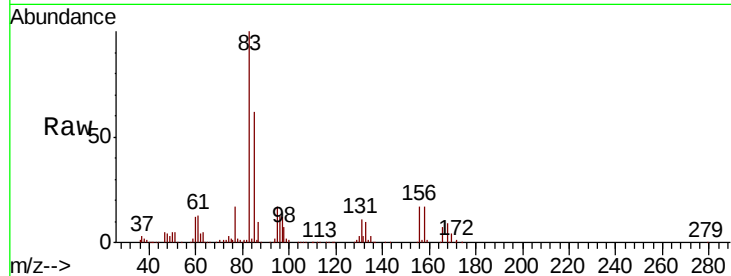




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.977 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

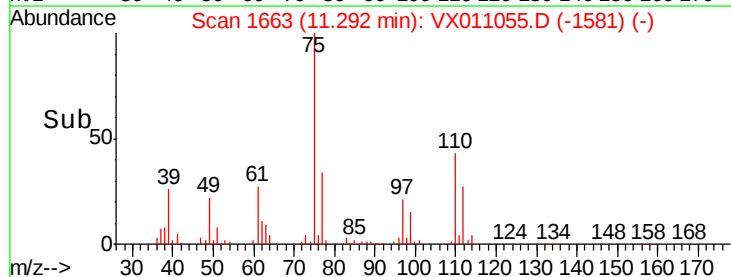
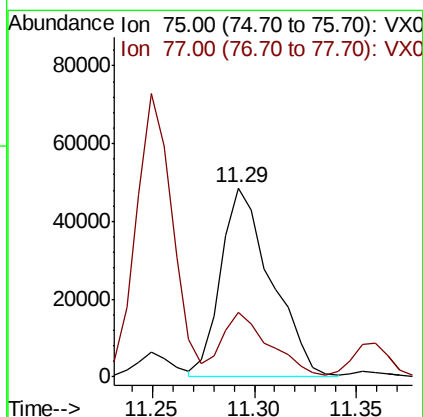
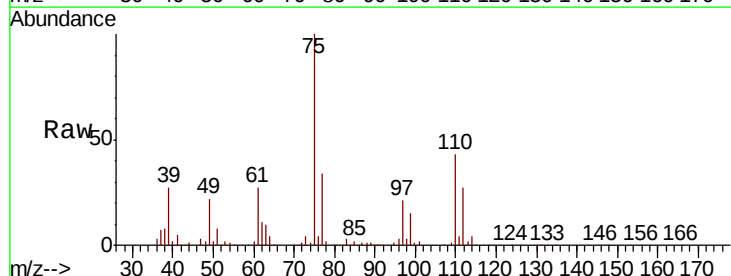
Instrument :
 MSVOA_X
 ClientSampleId :

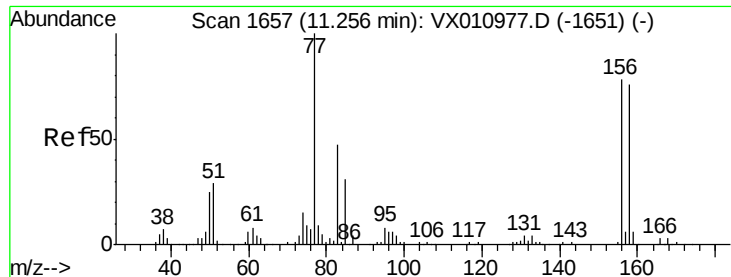
Tot Ion: 83 Resp: 76001
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 65.1 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 24.936 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion: 75 Resp: 83358
 Ion Ratio Lower Upper
 75 100
 77 32.5 0.0 84.0





#73

Bromobenzene

Concen: 19.357 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

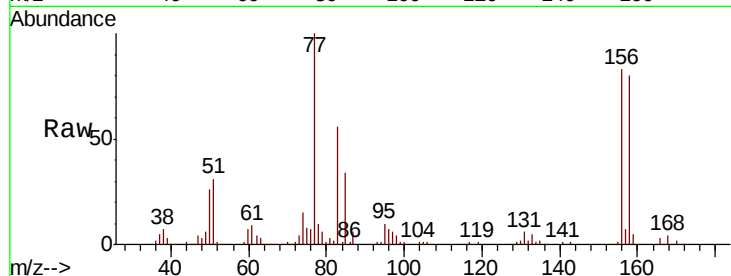
Tot Ion:156 Resp: 64870

Ion Ratio Lower Upper

156 100

77 138.4 0.0 275.8

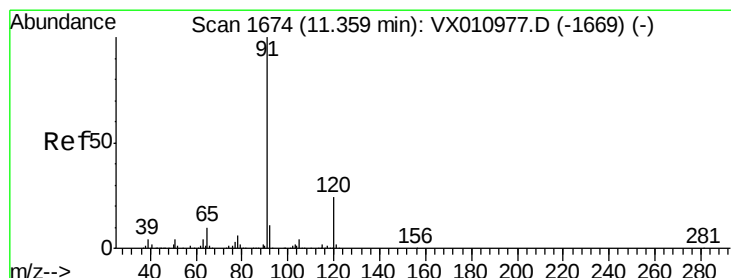
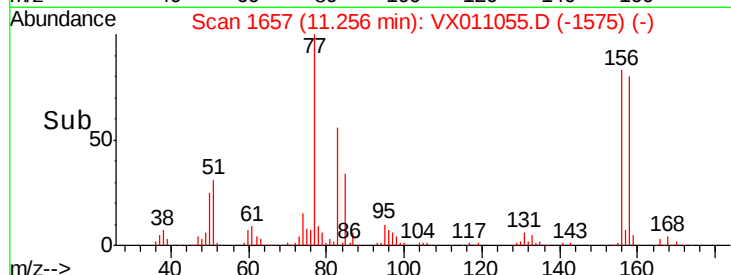
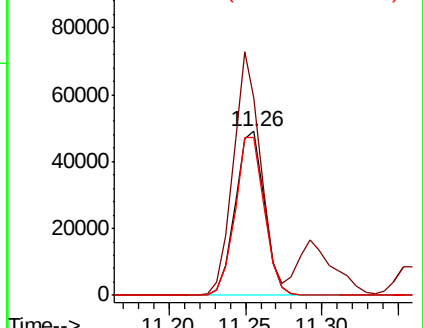
158 96.0 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.670 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011055.D

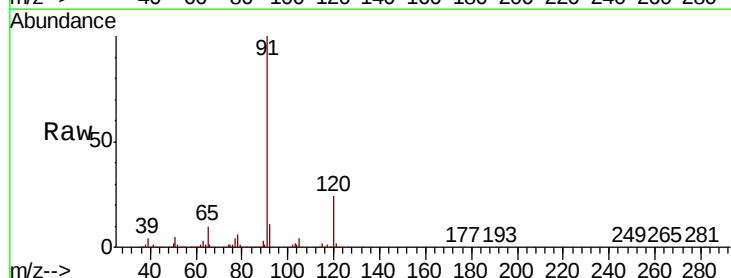
Acq: 24 Jul 2019 12:15

Tgt Ion: 91 Resp: 274962

Ion Ratio Lower Upper

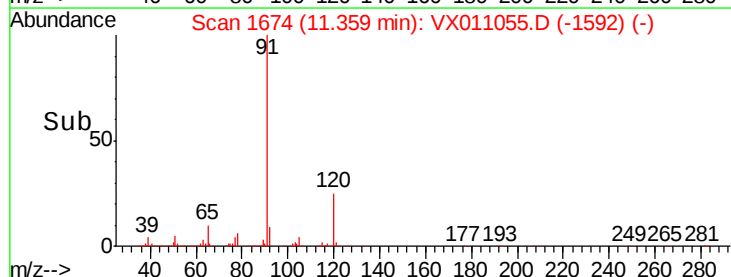
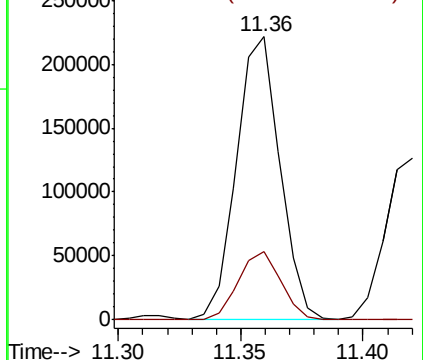
91 100

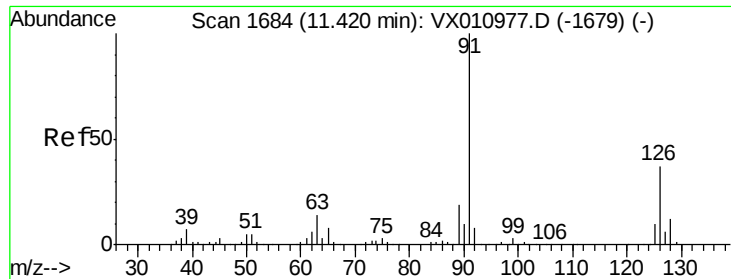
120 23.8 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

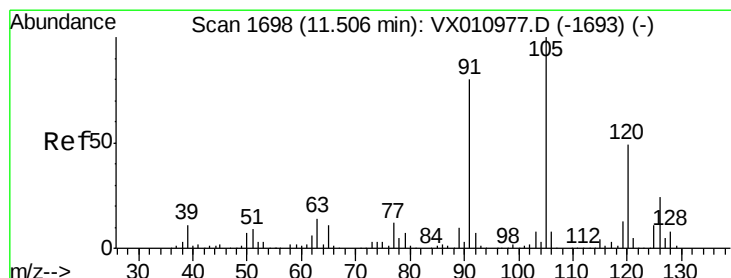
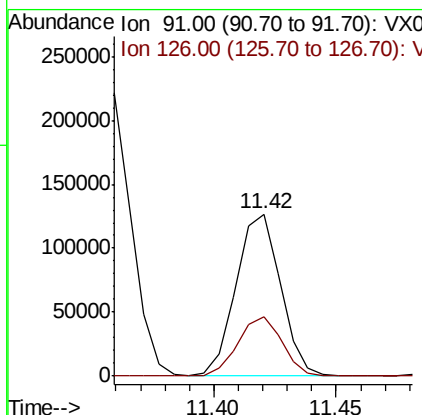
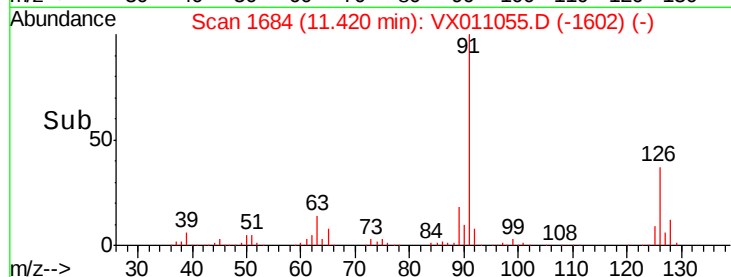
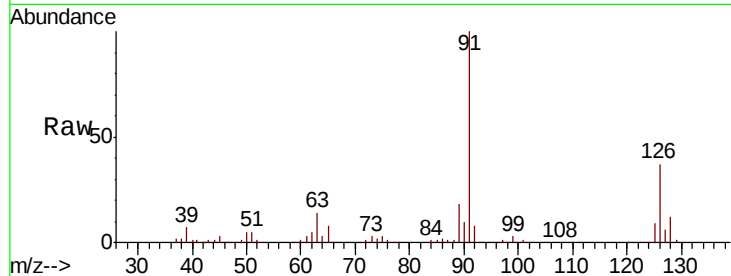




#75
 2-Chlorotoluene
 Concen: 19.426 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

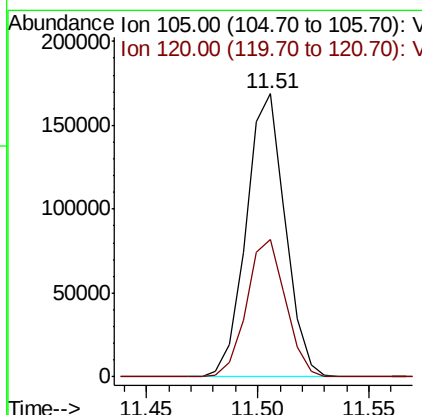
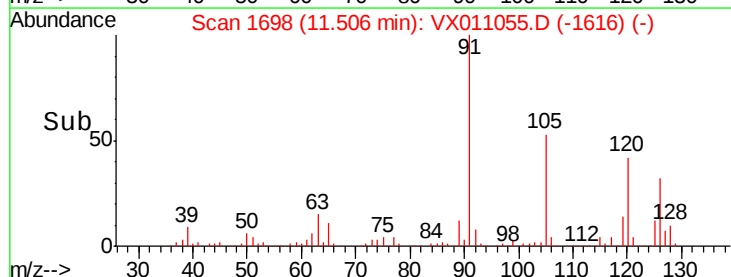
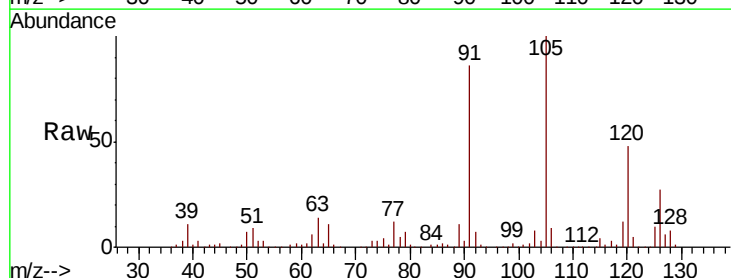
Instrument :
 MSVOA_X
 ClientSampled :

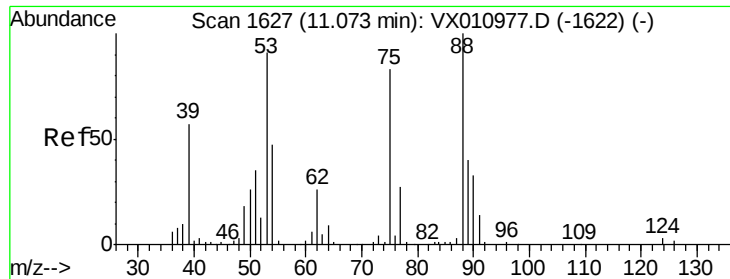
Tot Ion: 91 Resp: 161734
 Ion Ratio Lower Upper
 91 100
 126 36.1 0.0 72.4



#76
 1,3,5-Trimethylbenzene
 Concen: 19.642 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion: 105 Resp: 206499
 Ion Ratio Lower Upper
 105 100
 120 48.6 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.430 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

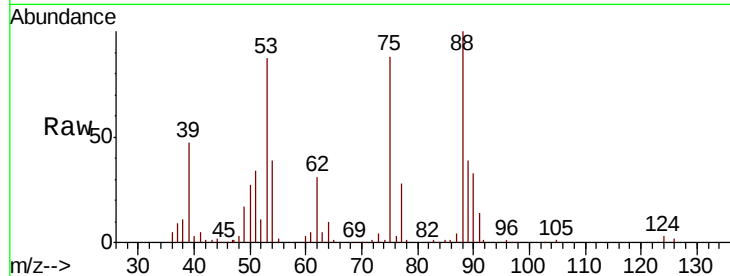
Tot Ion: 75 Resp: 21431

Ion Ratio Lower Upper

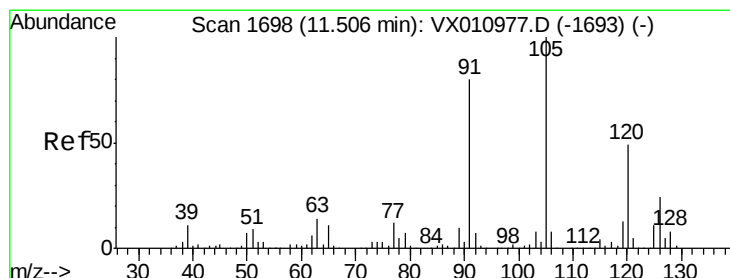
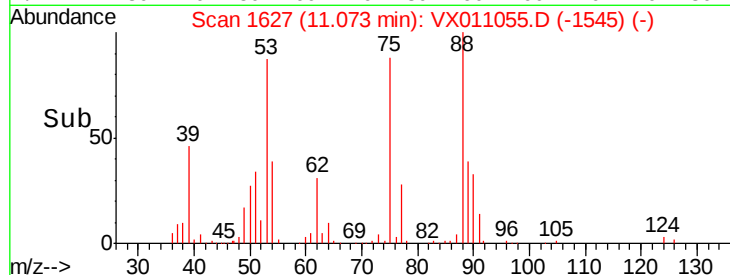
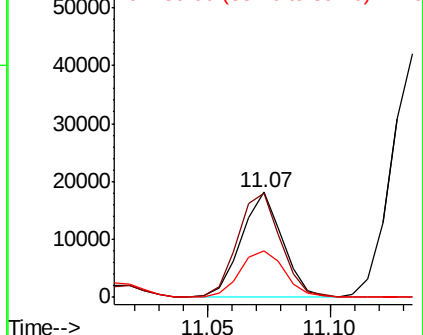
75 100

53 99.0 54.8 164.3

89 45.1 24.6 73.6



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.487 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011055.D

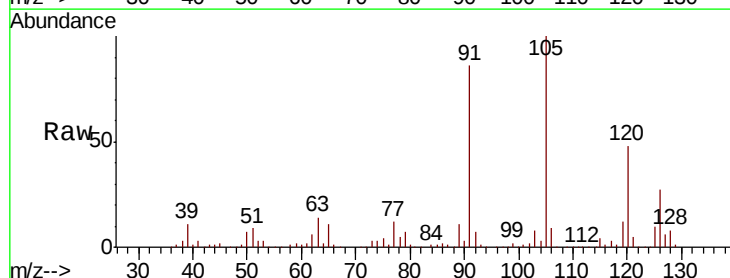
Acq: 24 Jul 2019 12:15

Tgt Ion: 91 Resp: 186327

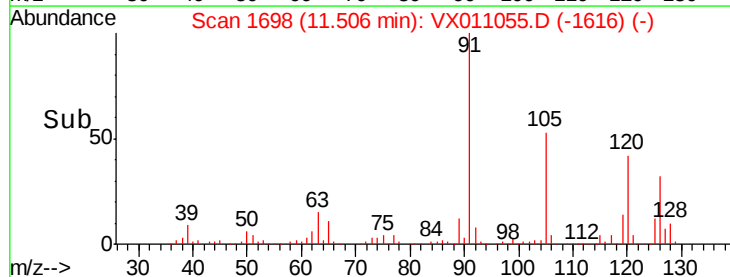
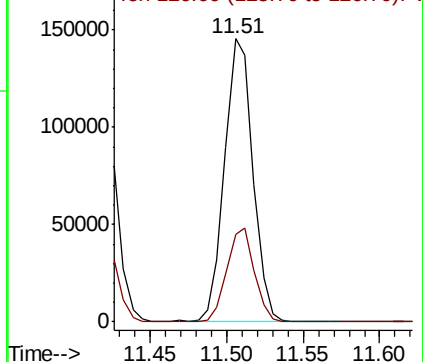
Ion Ratio Lower Upper

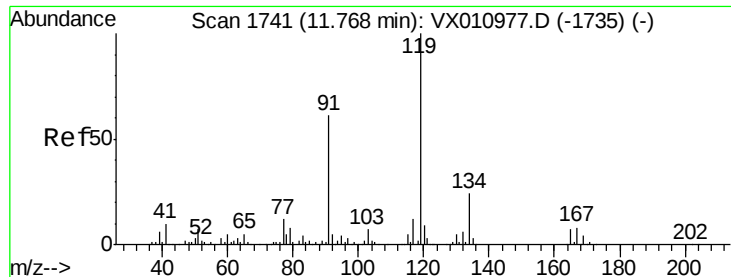
91 100

126 32.4 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.548 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

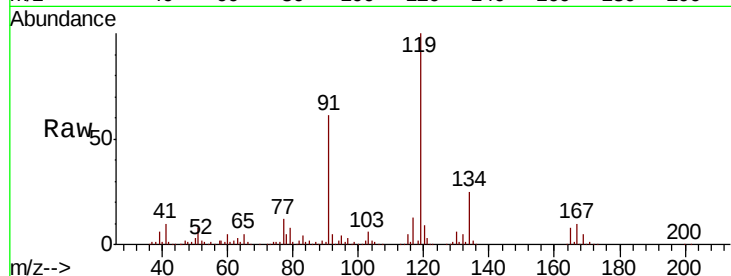
Tot Ion:119 Resp: 199343

Ion Ratio Lower Upper

119 100

91 58.5 0.0 118.4

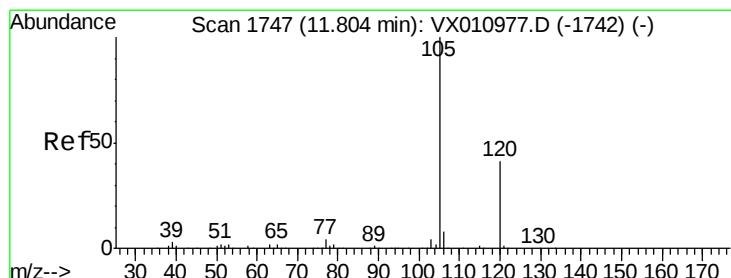
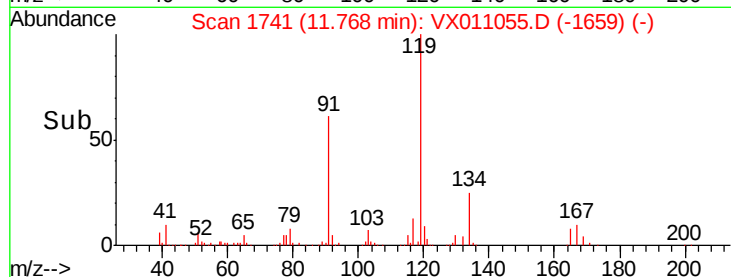
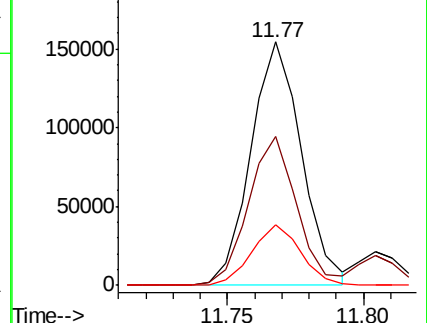
134 23.9 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.600 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011055.D

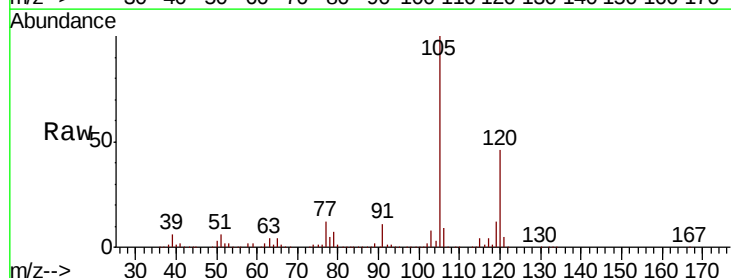
Acq: 24 Jul 2019 12:15

Tgt Ion:105 Resp: 207509

Ion Ratio Lower Upper

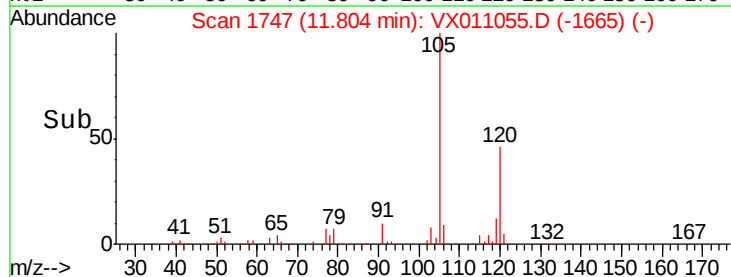
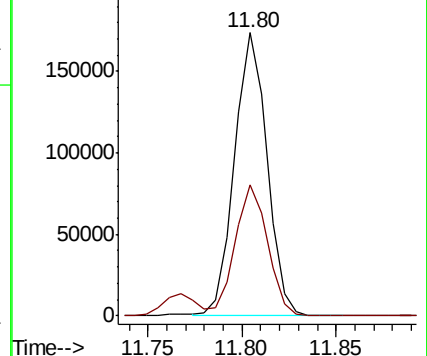
105 100

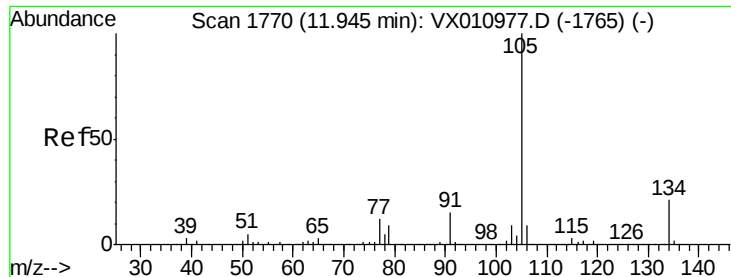
120 46.4 0.0 91.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 20.057 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

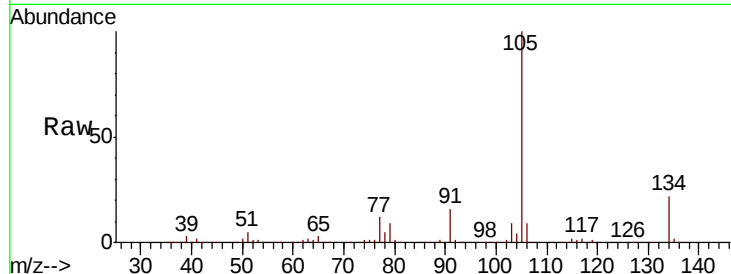
ClientSampleId :

Tot Ion:105 Resp: 241095

Ion Ratio Lower Upper

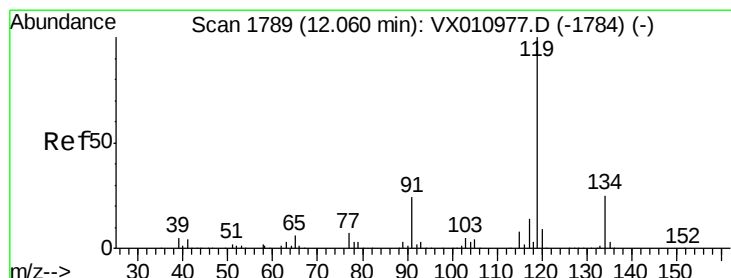
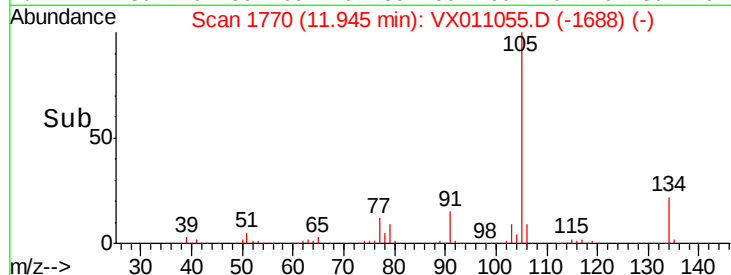
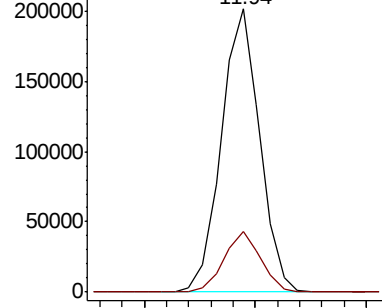
105 100

134 20.8 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.015 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

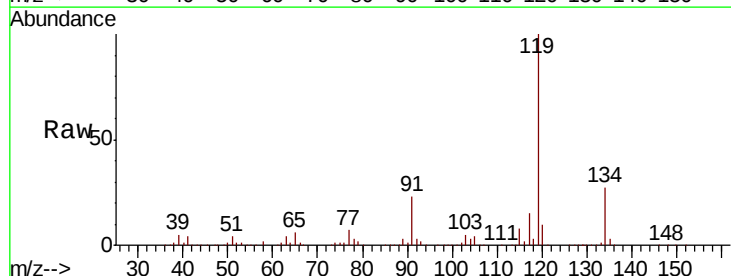
Tgt Ion:119 Resp: 223250

Ion Ratio Lower Upper

119 100

134 27.0 0.0 52.8

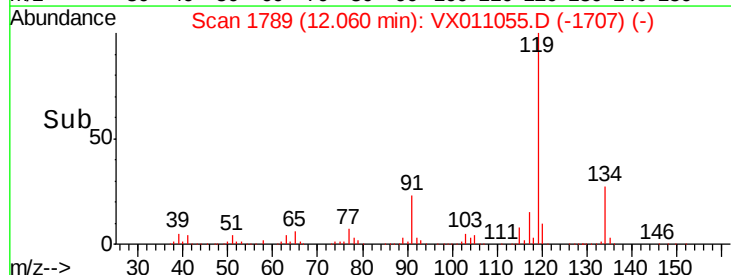
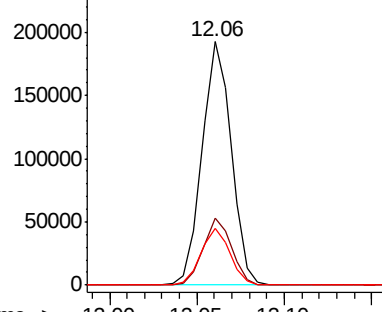
91 23.2 0.0 47.0

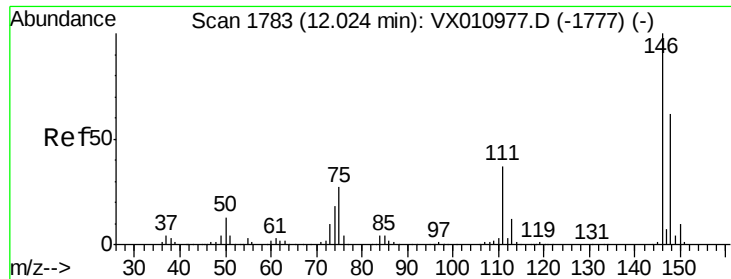


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

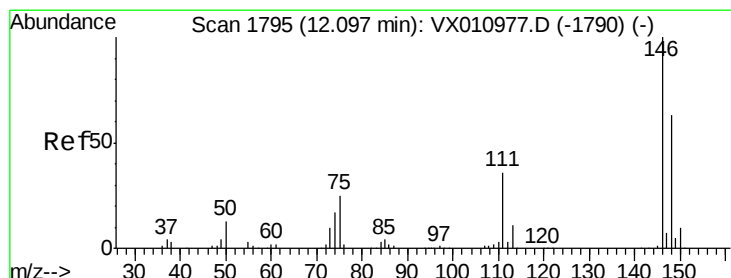
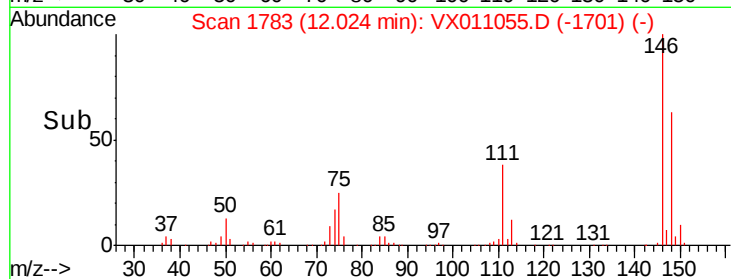
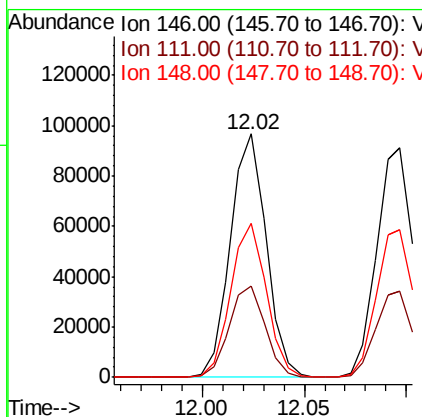
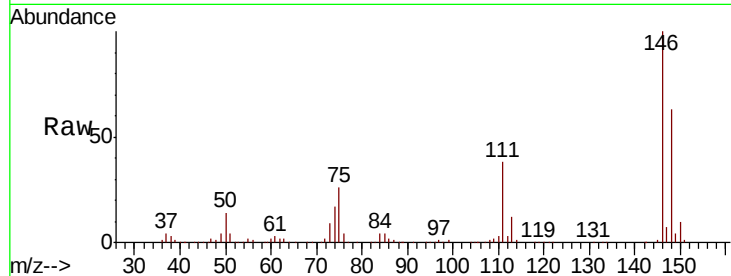




#83
 1,3-Dichlorobenzene
 Concen: 19.836 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

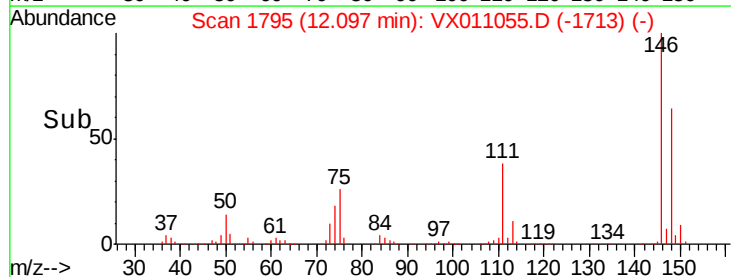
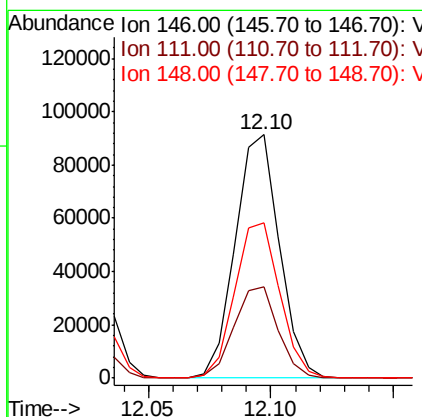
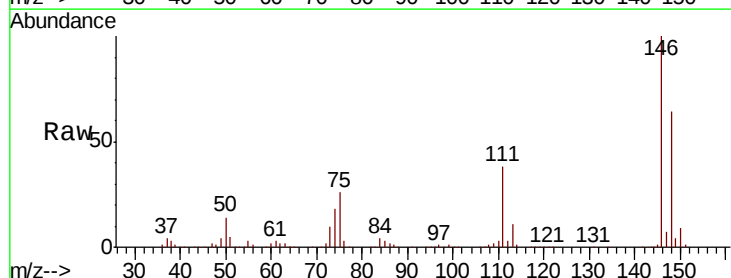
Instrument :
 MSVOA_X
 ClientSampleId :

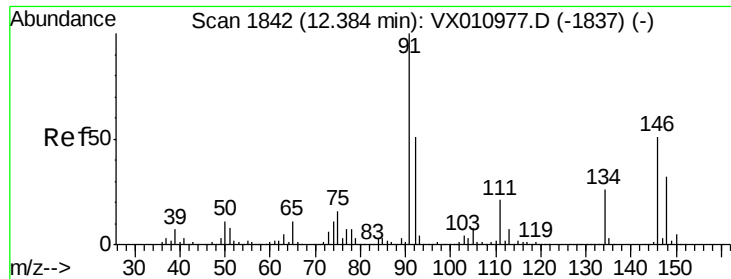
Tot Ion:146 Resp: 117350
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.3 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 19.580 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion:146 Resp: 115130
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.5 55.5
 148 65.3 32.0 96.0





#85

n-Butylbenzene

Concen: 20.451 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

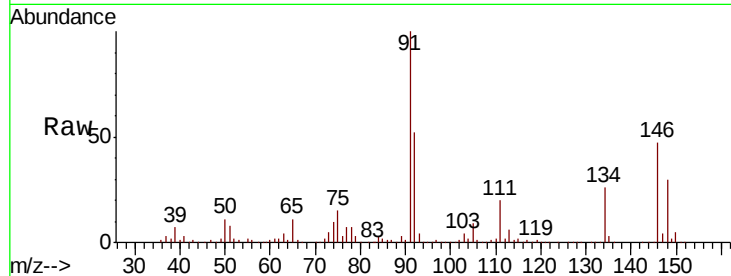
Tot Ion: 91 Resp: 194252

Ion Ratio Lower Upper

91 100

92 52.0 0.0 103.6

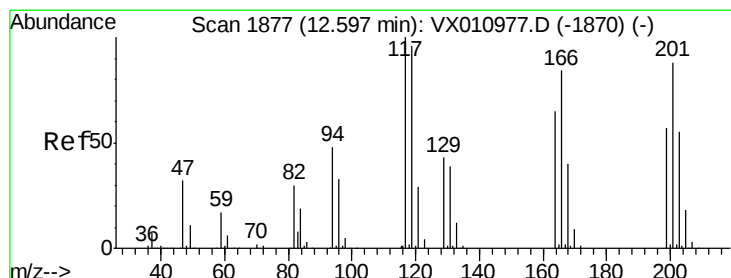
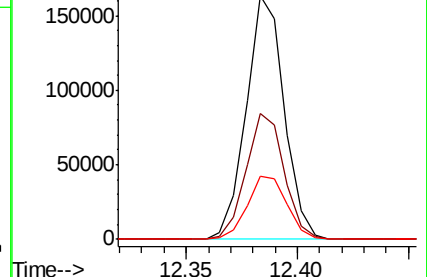
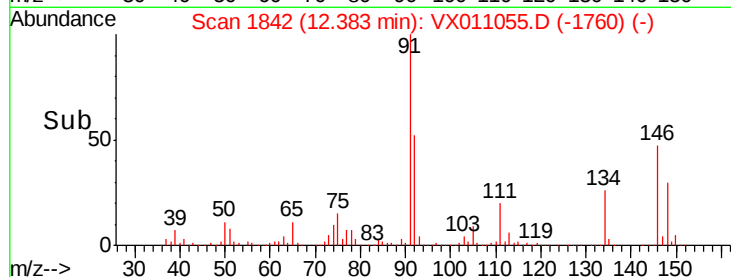
134 27.2 0.0 54.2



Abundance Ion 91.00 (90.70 to 91.70): VX011055.D

Ion 92.00 (91.70 to 92.70): VX011055.D

Ion 134.00 (133.70 to 134.70): VX011055.D



#86

Hexachloroethane

Concen: 18.787 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX011055.D

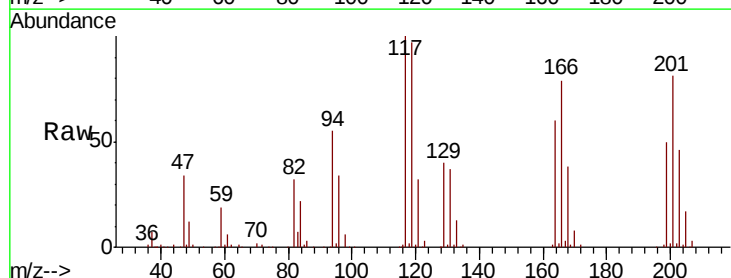
Acq: 24 Jul 2019 12:15

Tgt Ion: 117 Resp: 33050

Ion Ratio Lower Upper

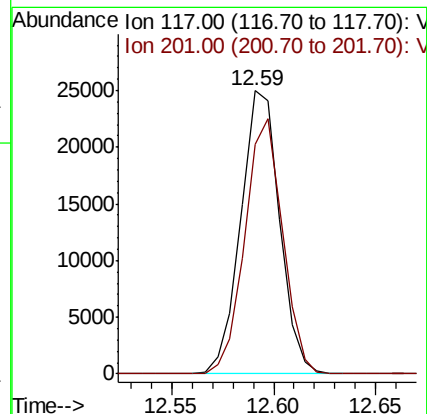
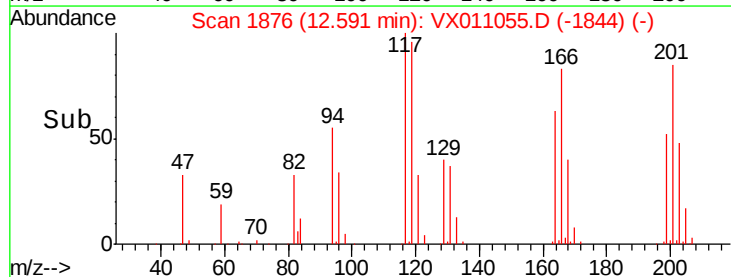
117 100

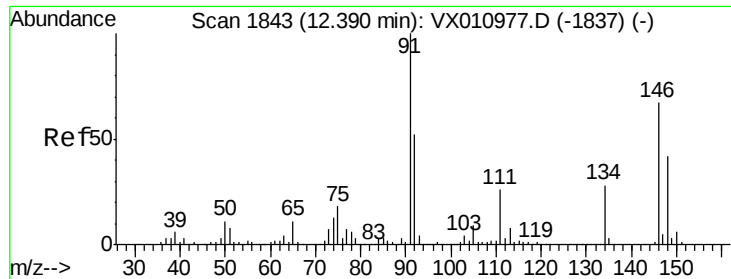
201 87.6 42.1 126.3



Abundance Ion 117.00 (116.70 to 117.70): VX011055.D

Ion 201.00 (200.70 to 201.70): VX011055.D





#87

1,2-Dichlorobenzene

Concen: 20.034 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

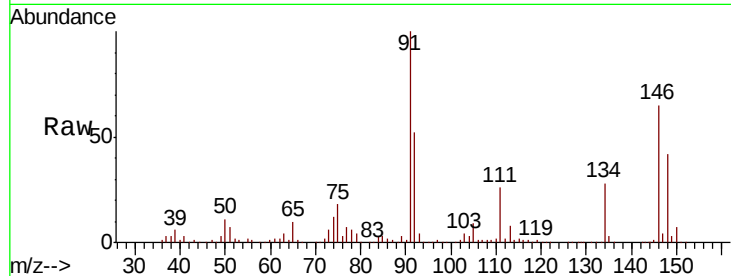
Tot Ion:146 Resp: 116043

Ion Ratio Lower Upper

146 100

111 39.9 19.5 58.5

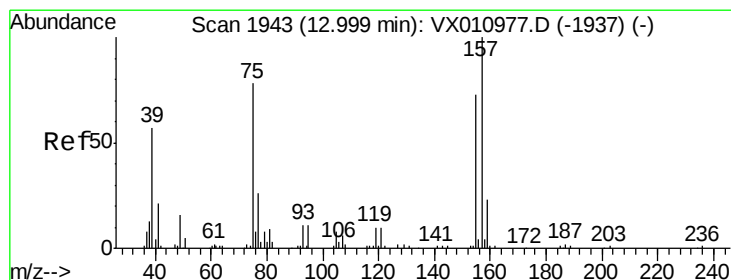
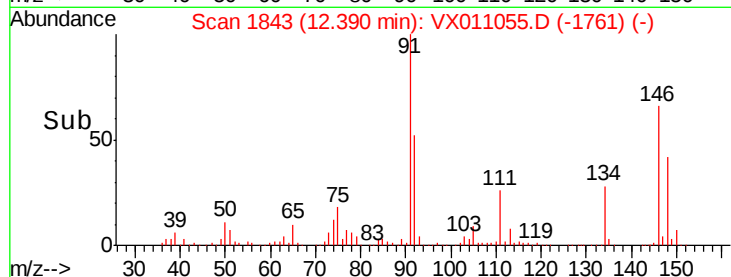
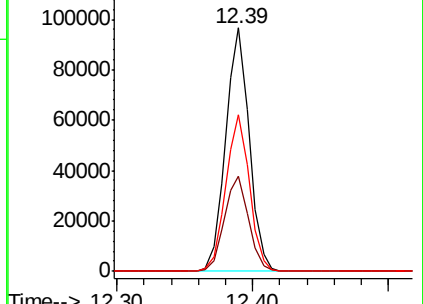
148 64.4 31.5 94.5



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.687 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

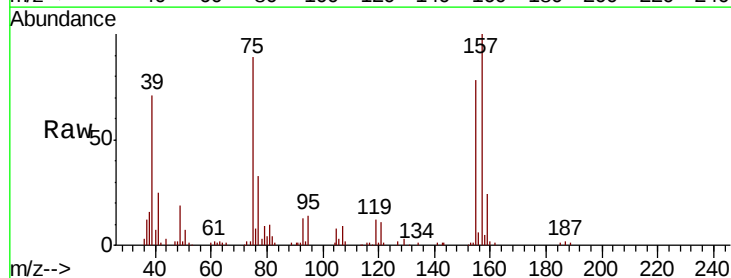
Tgt Ion: 75 Resp: 16476

Ion Ratio Lower Upper

75 100

155 95.1 76.6 115.0

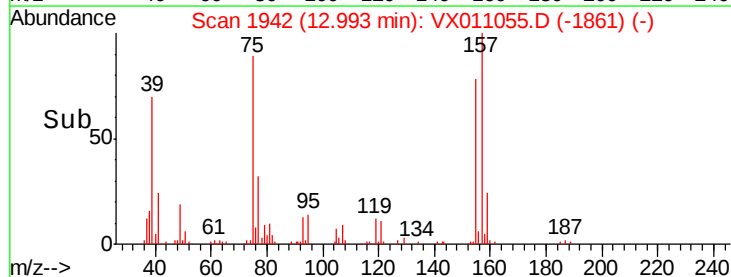
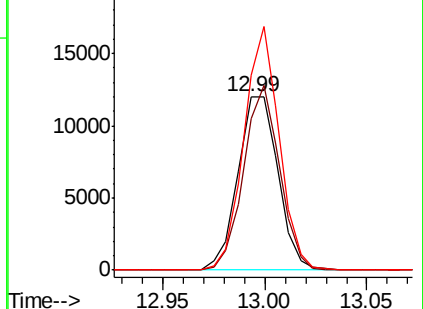
157 122.3 101.0 151.4

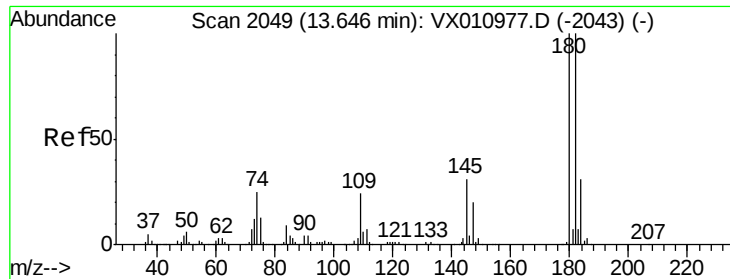


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

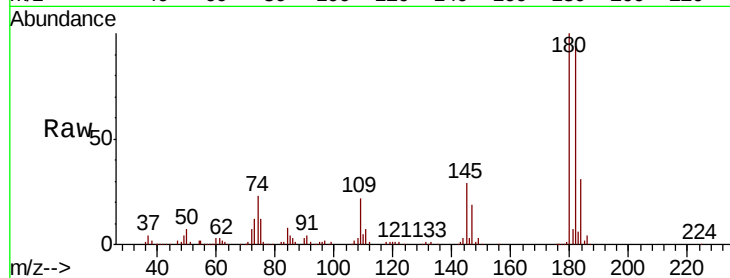




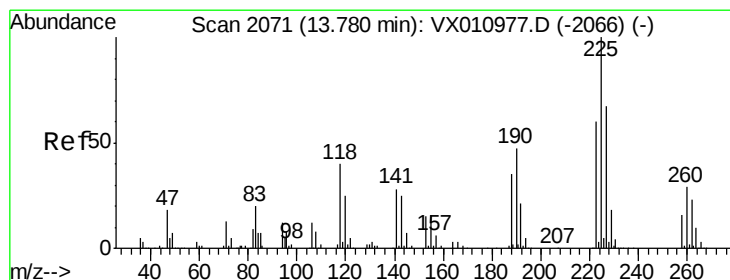
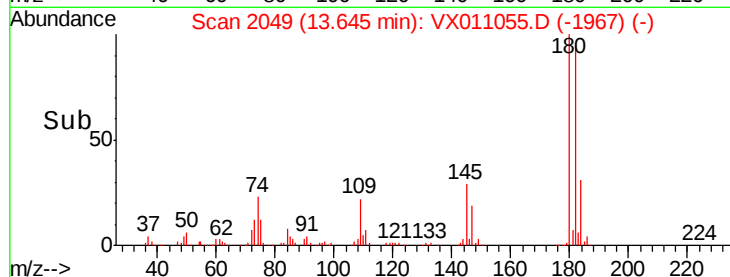
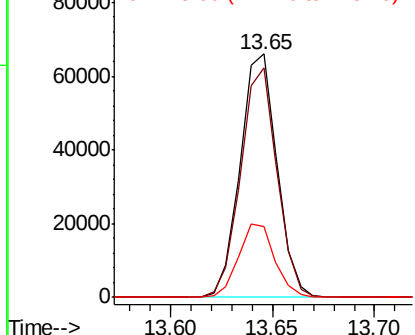
#89
 1,2,4-Trichlorobenzene
 Concen: 20.706 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 82724
 Ion Ratio Lower Upper
 180 100
 182 93.0 77.6 116.4
 145 29.7 23.8 35.6

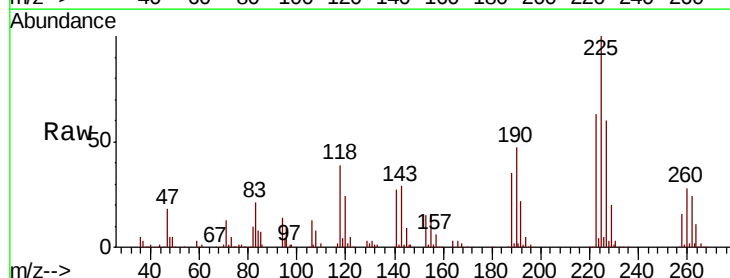


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

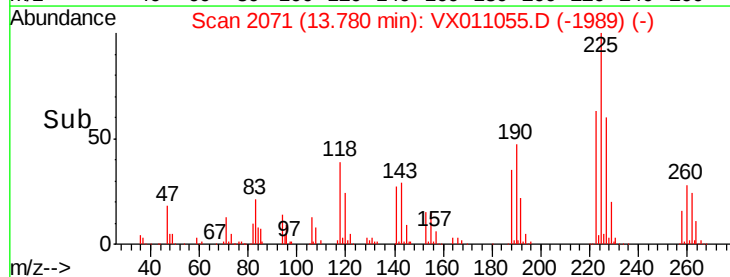
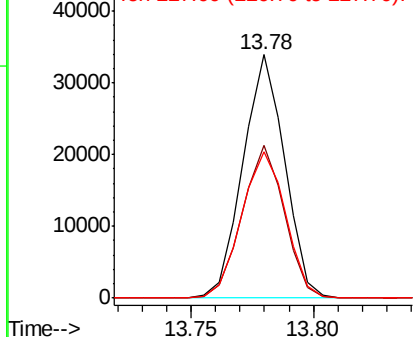


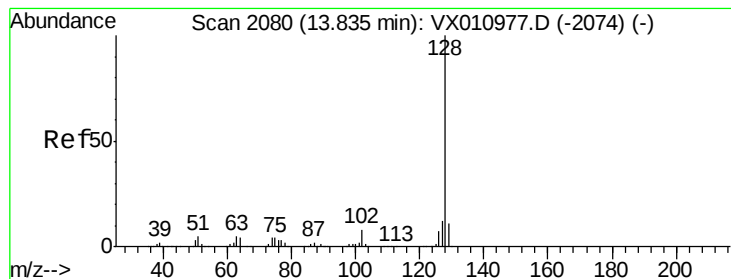
#90
 Hexachlorobutadiene
 Concen: 20.927 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011055.D
 Acq: 24 Jul 2019 12:15

Tgt Ion:225 Resp: 40424
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 121.4
 227 63.3 0.0 126.6



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





#91

Naphthalene

Concen: 19.562 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

Instrument :

MSVOA_X

ClientSampleId :

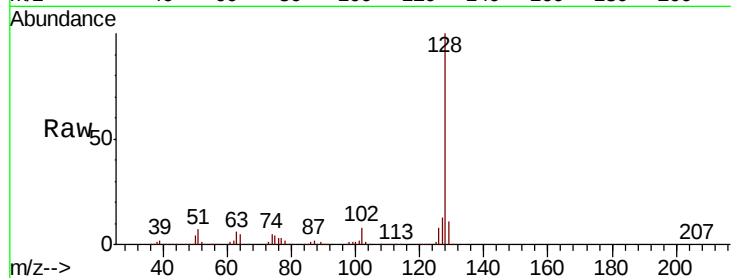
Tot Ion:128 Resp: 238471

Ion Ratio Lower Upper

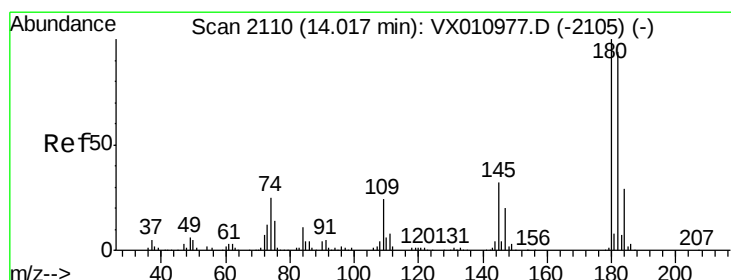
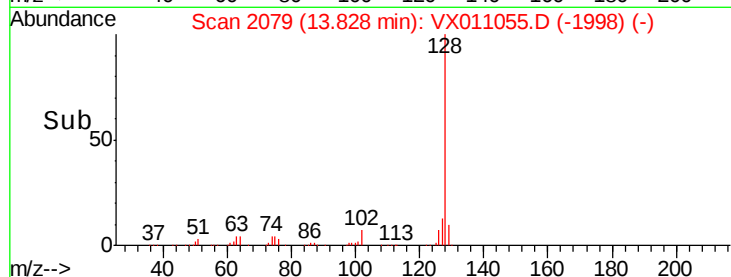
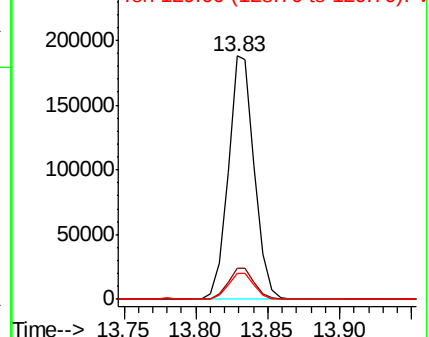
128 100

127 13.0 10.2 15.2

129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 20.598 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011055.D

Acq: 24 Jul 2019 12:15

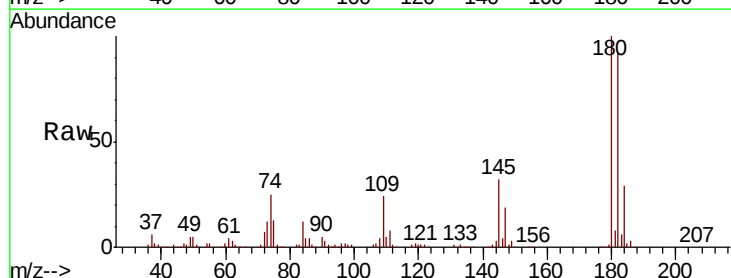
Tgt Ion:180 Resp: 82480

Ion Ratio Lower Upper

180 100

182 94.5 0.0 190.2

145 31.9 0.0 63.8



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

