

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072419\
 Data File : VX011062.D
 Acq On : 24 Jul 2019 17:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 03:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	36780	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	204093	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	182865	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	73405	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	11.13	95	90680	30.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.43%
63) Toluene-d8	8.71	98	243966	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	49933	20.535 ug/l	96
3) Chloromethane	1.33	50	39913	18.666 ug/l	95
4) Vinyl Chloride	1.41	62	41073	18.420 ug/l	100
5) Bromomethane	1.64	94	27944	22.766 ug/l	100
6) Chloroethane	1.73	64	26150	19.822 ug/l	98
7) Trichlorofluoromethane	1.93	101	74110	20.012 ug/l	94
8) Diethyl Ether	2.19	74	24735	20.339 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43137	21.075 ug/l	98
10) 1,1-Dichloroethene	2.37	96	39305	19.108 ug/l	97
11) Methyl Iodide	2.51	142	48367	17.510 ug/l	97
12) Methyl Acetate	2.78	43	58329	20.190 ug/l	100
13) Acrolein	2.29	56	28494	82.259 ug/l	97
14) Acrylonitrile	3.14	53	114256	101.048 ug/l	100
15) Acetone	2.44	58	36228	115.061 ug/l	99
16) Carbon Disulfide	2.57	76	83260	15.753 ug/l	98
17) Allyl chloride	2.73	41	56492	18.971 ug/l	95
18) Methylene Chloride	2.86	84	45361	19.805 ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	41580	19.135 ug/l	98
20) Diisopropyl ether	3.85	45	126808	20.171 ug/l	97
21) 1,1-Dichloroethane	3.70	63	71945	19.887 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	49038	19.622 ug/l	96
23) tert-Butyl Alcohol	3.04	59	52060	88.184 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	133496	20.217 ug/l	100
25) Chloroform	5.21	83	78282	19.756 ug/l	97
26) Cyclohexane	5.59	56	61879	18.692 ug/l	# 98
29) 1,1-Dichloropropene	5.80	75	54538	19.002 ug/l	99
30) 2-Butanone	4.67	43	157417	101.606 ug/l	99
31) 2,2-Dichloropropane	4.58	77	58977	23.540 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	67392	19.471 ug/l	98
33) Carbon Tetrachloride	5.78	117	57932	19.251 ug/l	97
34) Benzene	6.14	78	170079	19.755 ug/l	97
35) Methacrylonitrile	5.04	41	32538	20.174 ug/l	96
36) 1,2-Dichloroethane	6.20	62	61637	20.022 ug/l	99
37) Trichloroethene	7.21	130	49177	19.510 ug/l	98
38) Methylcyclohexane	7.46	83	68184	18.823 ug/l	99
39) 1,2-Dichloropropane	7.51	63	41910	19.475 ug/l	99
40) Dibromomethane	7.66	93	31729	20.047 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	55934	19.415	ug/l	99
42) Vinyl Acetate	3.81	43	509209	99.759	ug/l	100
43) Ethyl Acetate	4.83	43	56689	19.062	ug/l	99
44) Isopropyl Acetate	6.44	43	93906	19.386	ug/l	100
45) 1,4-Dioxane	7.74	88	25256	400.589	ug/l	98
46) Methyl methacrylate	7.77	41	46454	19.758	ug/l	95
47) n-amyl Acetate	10.90	43	84769	19.512	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	58821	19.373	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	66556	20.087	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	47774	20.624	ug/l	99
51) Ethyl methacrylate	9.18	69	68935	19.242	ug/l	95
52) 1,3-Dichloropropane	9.37	76	74724	20.074	ug/l	98
53) Dibromochloromethane	9.58	129	47124	18.837	ug/l	98
54) 1,2-Dibromoethane	9.67	107	49782	19.775	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	149656	98.645	ug/l	99
56) Bromoform	10.85	173	34124	18.315	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	311495	100.864	ug/l	100
59) 2-Hexanone	9.49	43	242914	102.791	ug/l	99
61) Tetrachloroethene	9.34	164	50676	20.989	ug/l	96
62) Toluene	8.78	91	196129	20.189	ug/l	99
64) Chlorobenzene	10.14	112	126950	20.397	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	45476	20.104	ug/l	98
66) Ethyl Benzene	10.25	91	218672	19.995	ug/l	98
67) m/p-Xylenes	10.36	106	168702	40.320	ug/l	98
68) o-Xylene	10.69	106	81609	19.906	ug/l	98
69) Styrene	10.71	104	138646	20.119	ug/l	100
70) Isopropylbenzene	11.02	105	223492	20.471	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	72839	20.692	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	77555	26.395	ug/l	85
73) Bromobenzene	11.25	156	60024	20.378	ug/l	100
74) n-propylbenzene	11.36	91	251402	20.461	ug/l	100
75) 2-Chlorotoluene	11.42	91	148999	20.361	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	186108	20.140	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	19510	20.125	ug/l	95
78) 4-Chlorotoluene	11.51	91	171558	20.413	ug/l	100
79) tert-butylbenzene	11.77	119	184111	20.541	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	187817	20.183	ug/l	99
81) sec-Butylbenzene	11.94	105	221350	20.950	ug/l	100
82) p-Isopropyltoluene	12.06	119	201839	20.587	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	104737	20.142	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	105133	20.342	ug/l	100
85) n-Butylbenzene	12.38	91	169162	20.262	ug/l	99
86) Hexachloroethane	12.60	117	29455	19.049	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	106901	20.998	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15016	19.376	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	71263	20.294	ug/l	99
90) Hexachlorobutadiene	13.78	225	36131	21.281	ug/l	98
91) Naphthalene	13.83	128	219652	20.500	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	74371	21.130	ug/l	99

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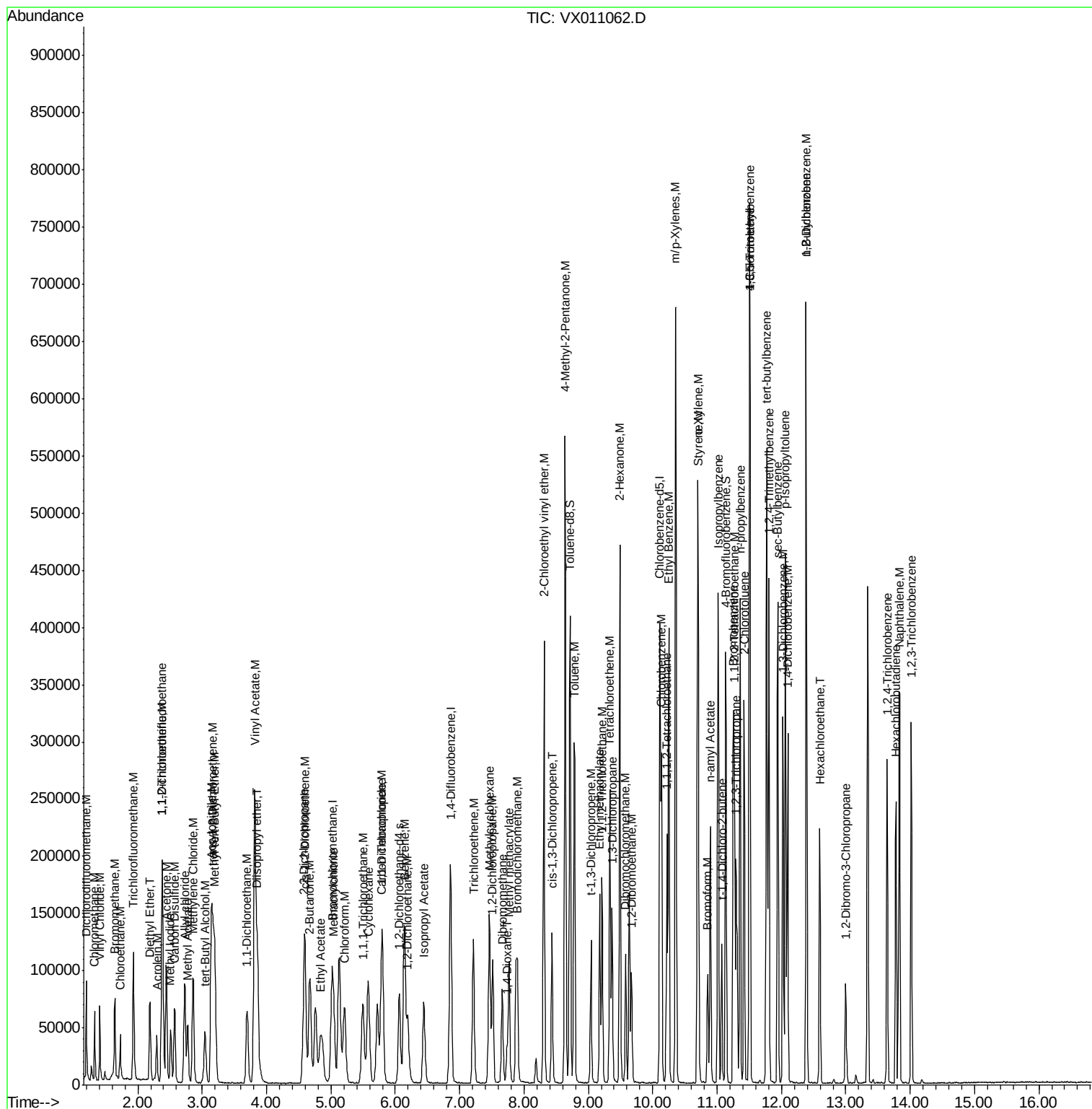
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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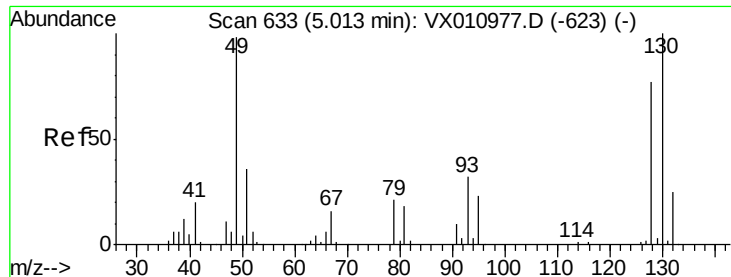
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 25 03:24:02 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

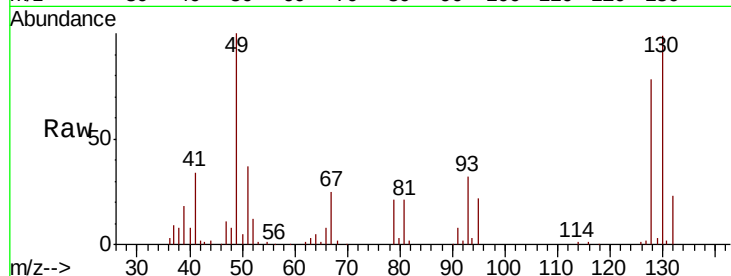
Tot Ion:128 Resp: 36780

Ion Ratio Lower Upper

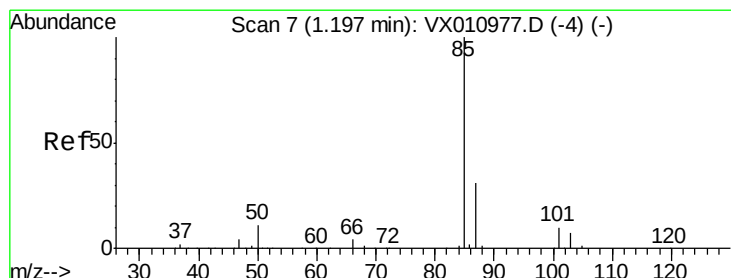
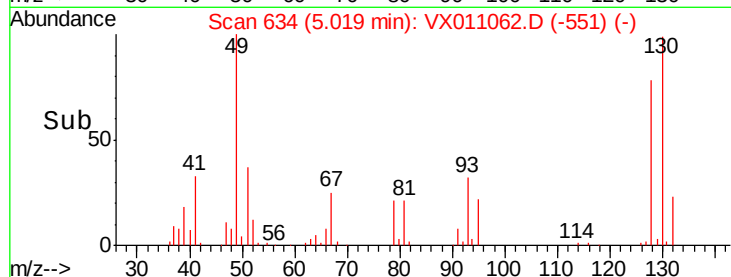
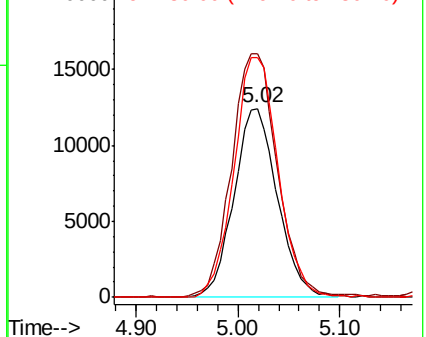
128 100

49 135.9 0.0 343.5

130 128.6 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: 20.535 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX011062.D

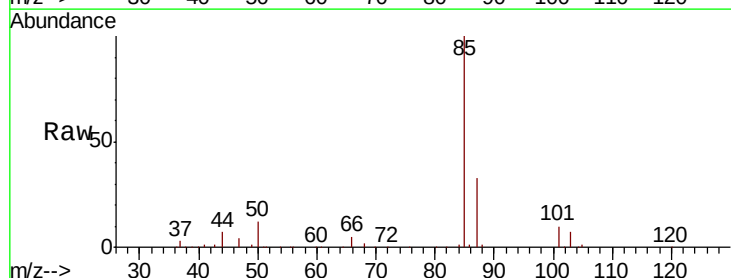
Acq: 24 Jul 2019 17:35

Tgt Ion: 85 Resp: 49933

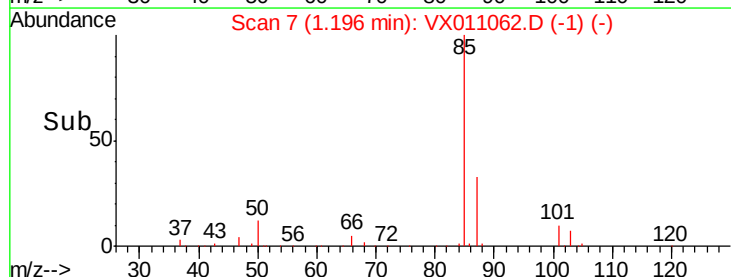
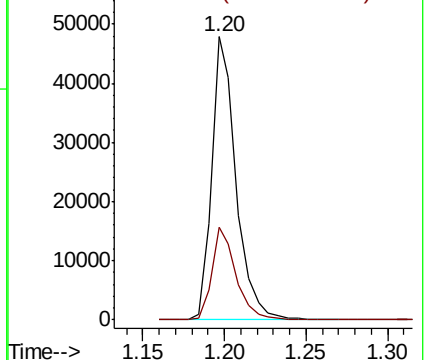
Ion Ratio Lower Upper

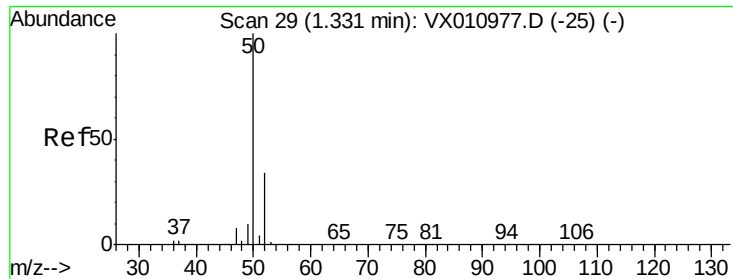
85 100

87 32.9 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: 18.666 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

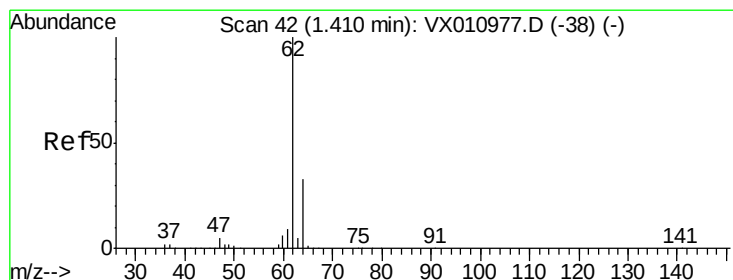
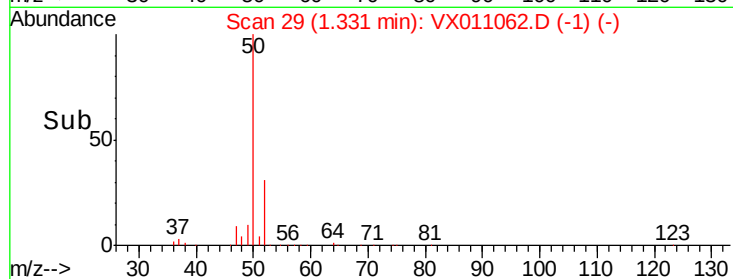
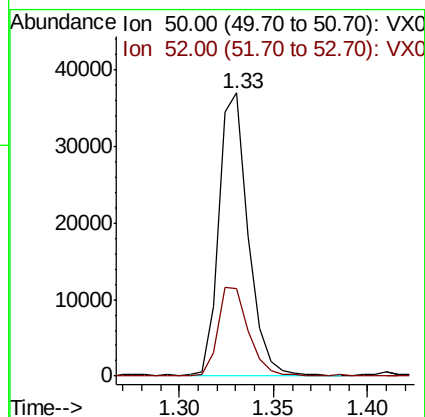
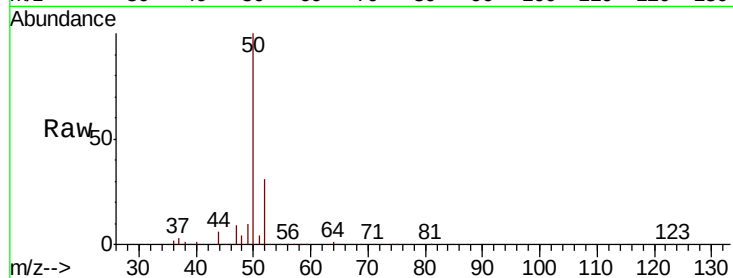
ClientSampleId :

Tot Ion: 50 Resp: 39913

Ion Ratio Lower Upper

50 100

52 31.0 27.3 40.9



#4

Vinyl Chloride

Concen: 18.420 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011062.D

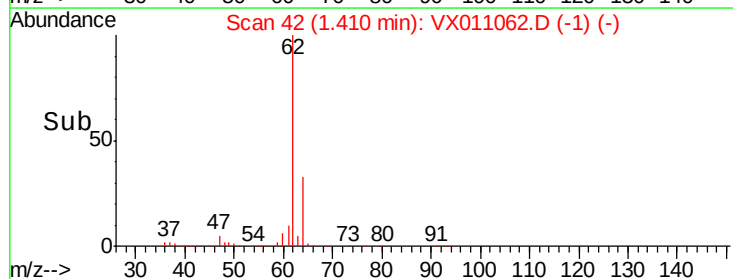
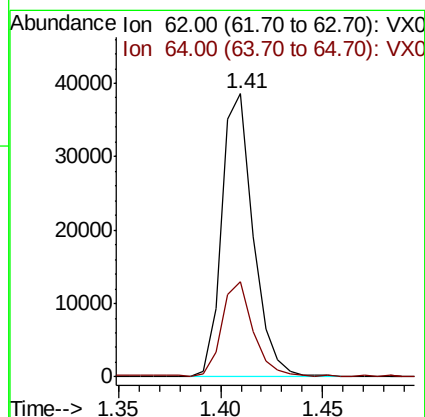
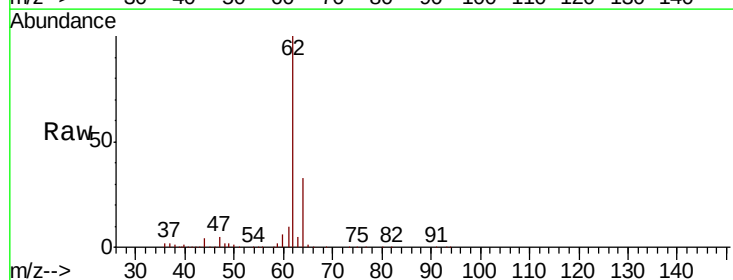
Acq: 24 Jul 2019 17:35

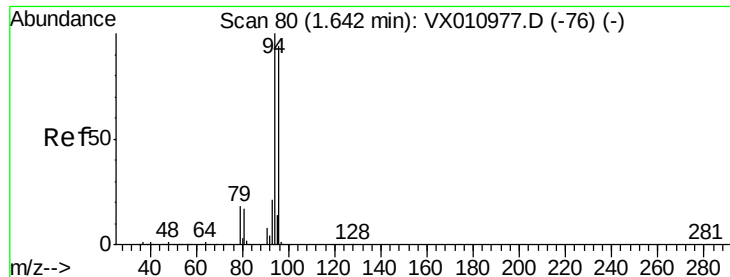
Tgt Ion: 62 Resp: 41073

Ion Ratio Lower Upper

62 100

64 33.2 26.8 40.2





#5

Bromomethane

Concen: 22.766 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

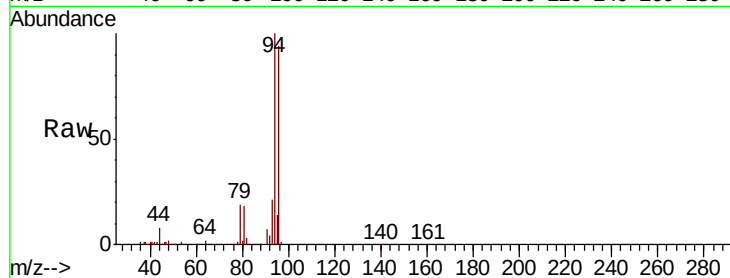
ClientSampled :

Tot Ion: 94 Resp: 27944

Ion Ratio Lower Upper

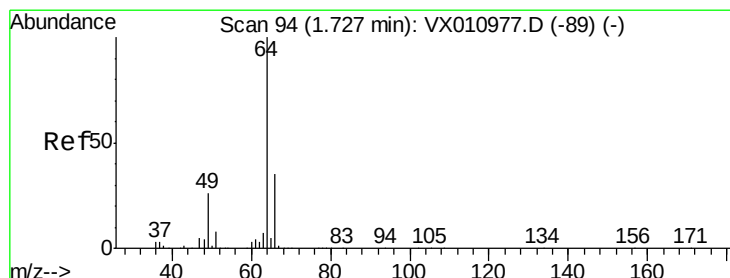
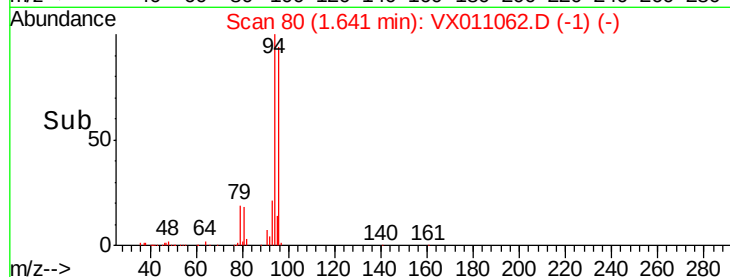
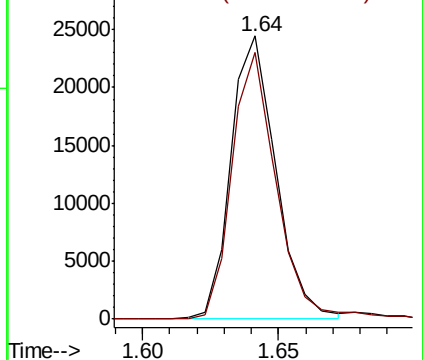
94 100

96 94.4 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: 19.822 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX011062.D

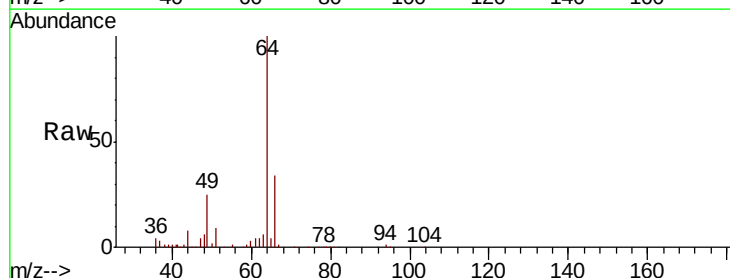
Acq: 24 Jul 2019 17:35

Tgt Ion: 64 Resp: 26150

Ion Ratio Lower Upper

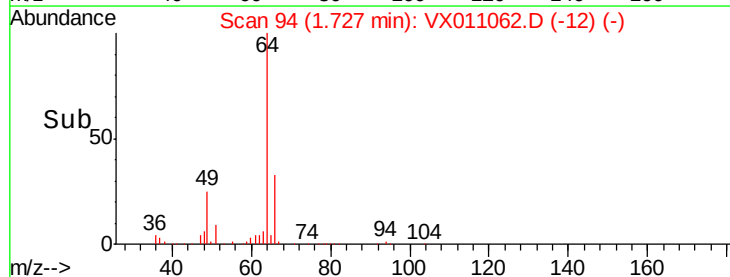
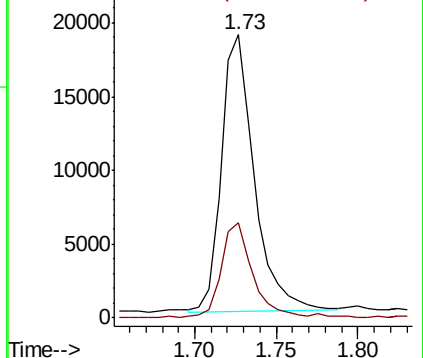
64 100

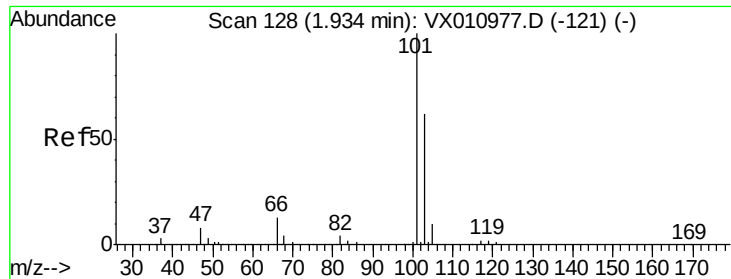
66 33.9 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



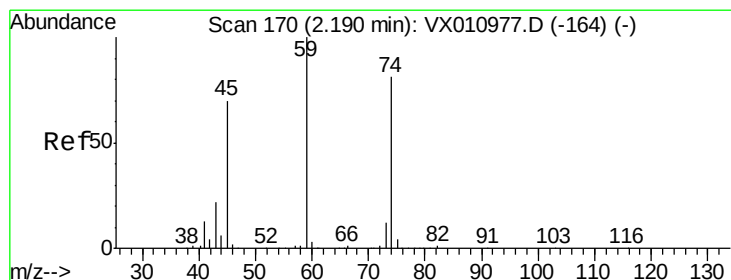
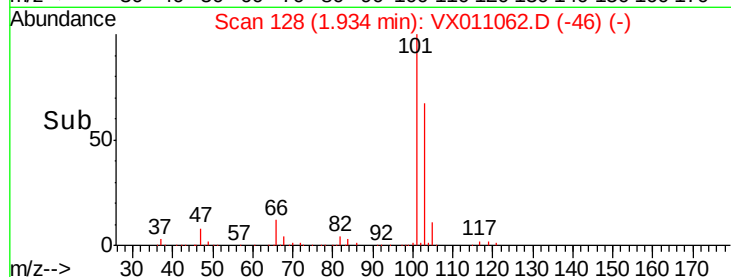
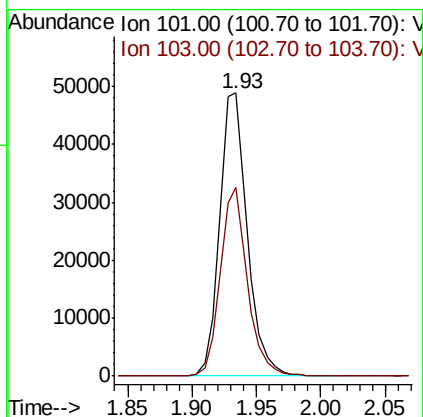
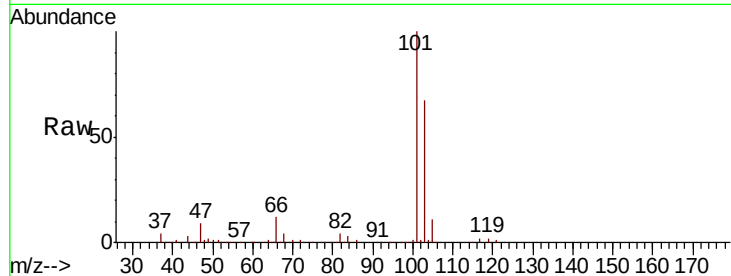


#7

Trichlorofluoromethane
Concen: 20.012 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampled :

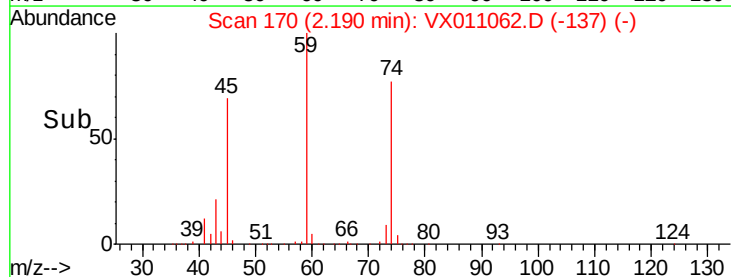
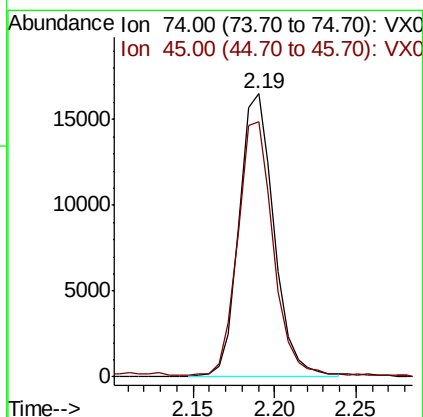
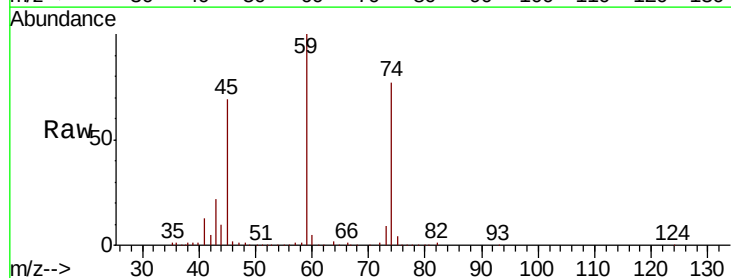
Tot Ion:101 Resp: 74110
Ion Ratio Lower Upper
101 100
103 66.7 49.6 74.4

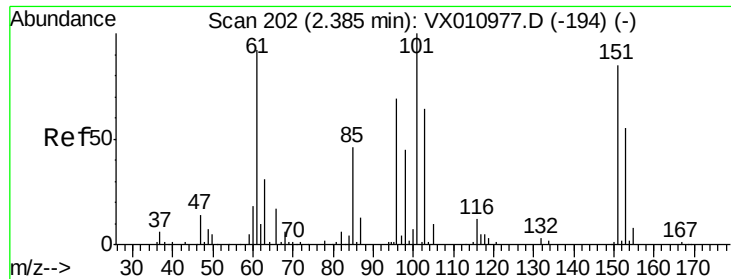


#8

Diethyl Ether
Concen: 20.339 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 74 Resp: 24735
Ion Ratio Lower Upper
74 100
45 90.3 18.3 164.3

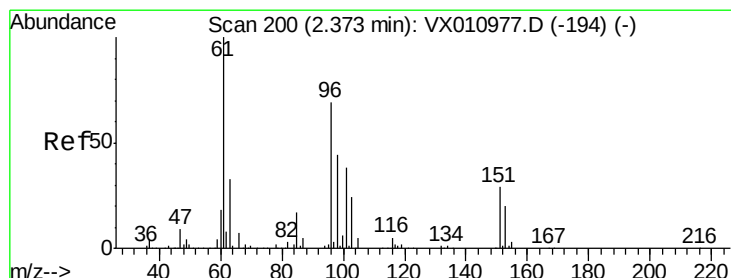
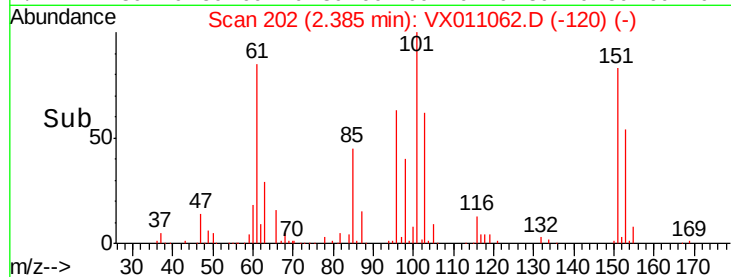
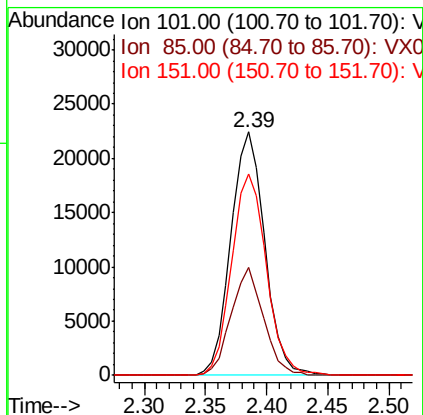
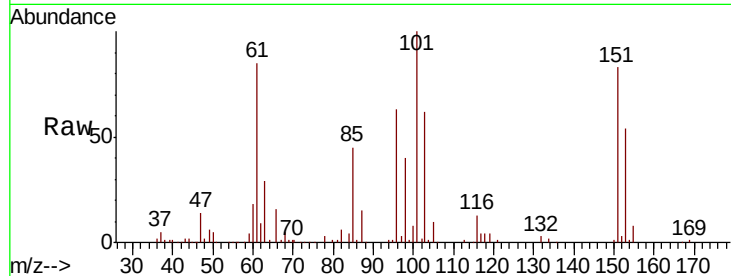




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.075 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

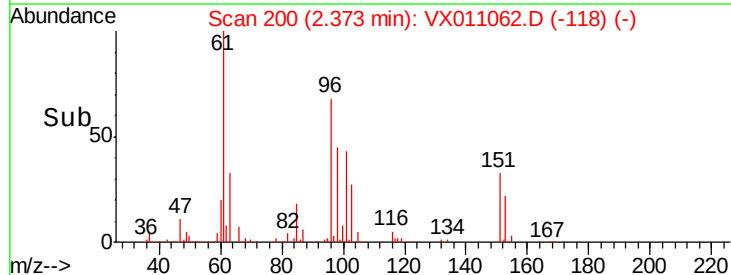
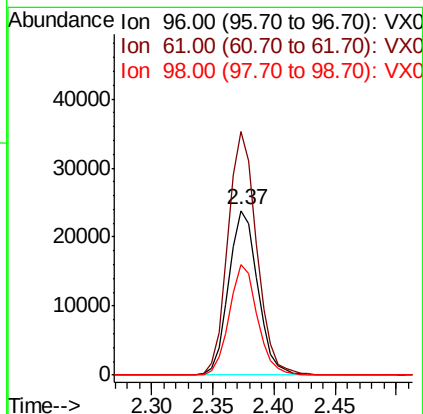
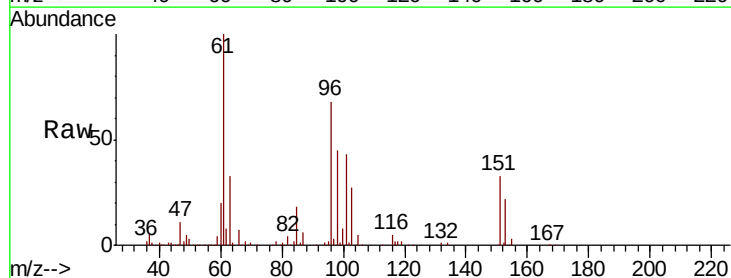
Instrument :
 MSVOA_X
 ClientSampleId :

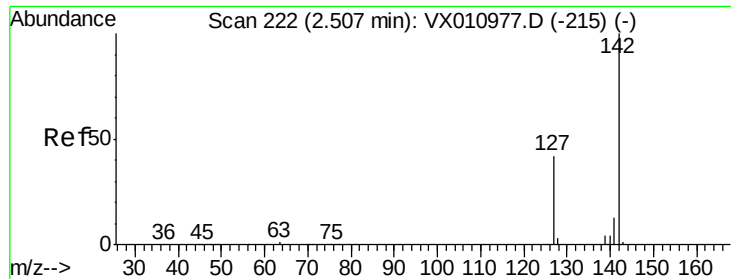
Tot Ion:101 Resp: 43137
 Ion Ratio Lower Upper
 101 100
 85 42.3 0.0 89.8
 151 84.5 0.0 172.2



#10
 1,1-Dichloroethene
 Concen: 19.108 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion: 96 Resp: 39305
 Ion Ratio Lower Upper
 96 100
 61 148.0 115.9 173.9
 98 67.0 50.6 75.8

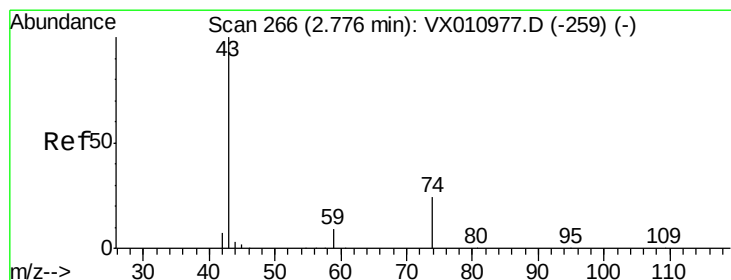
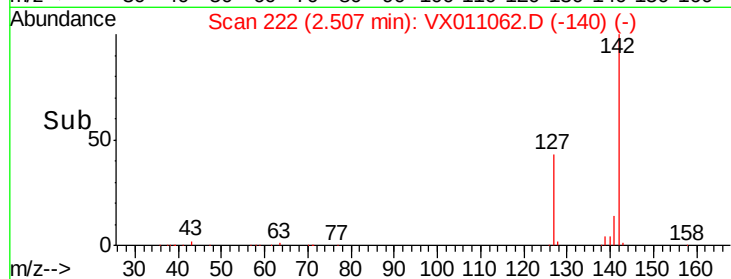
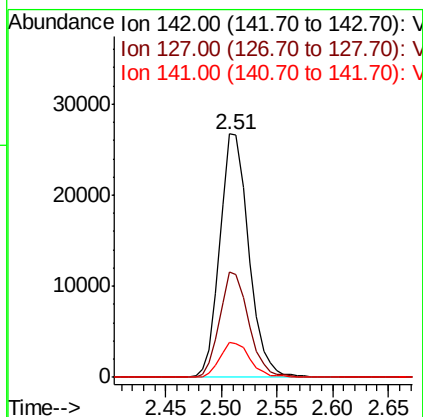
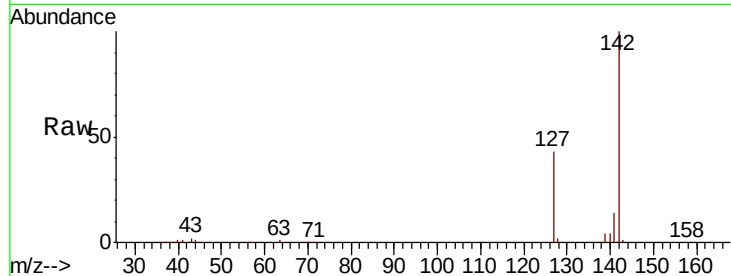




#11
Methyl Iodide
Concen: 17.510 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

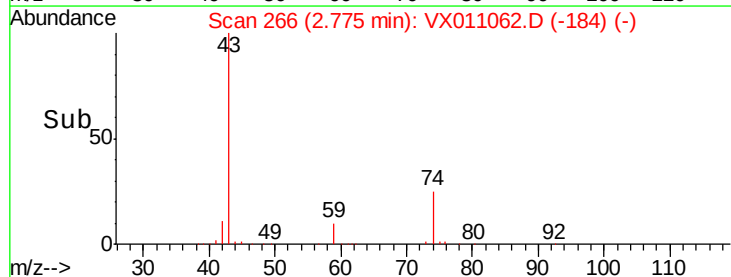
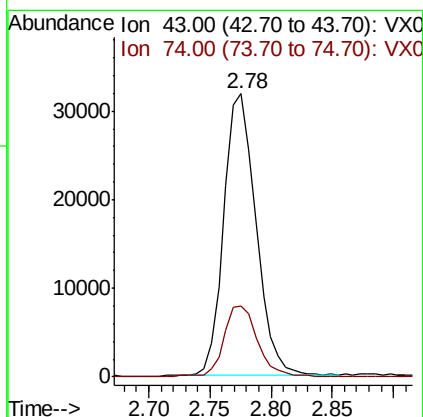
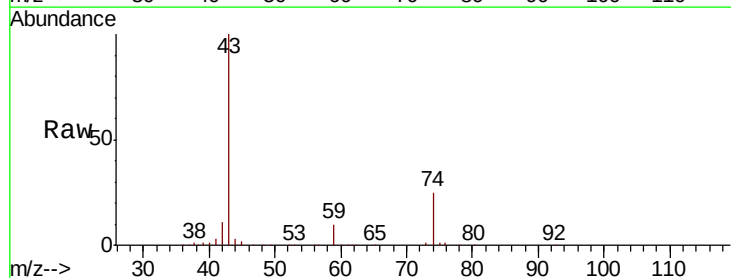
Instrument :
MSVOA_X
ClientSampleId :

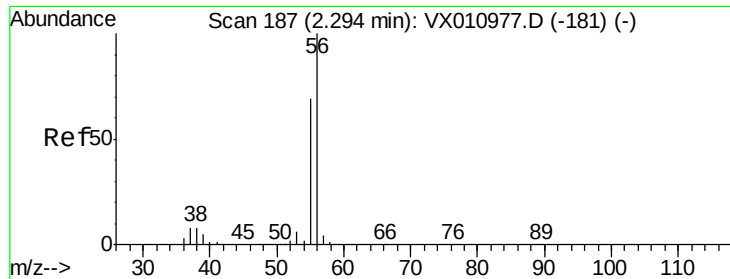
Tot Ion:142 Resp: 48367
Ion Ratio Lower Upper
142 100
127 43.2 20.7 62.1
141 14.2 6.7 20.0



#12
Methyl Acetate
Concen: 20.190 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 43 Resp: 58329
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6





#13

Acrolein

Concen: 82.259 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

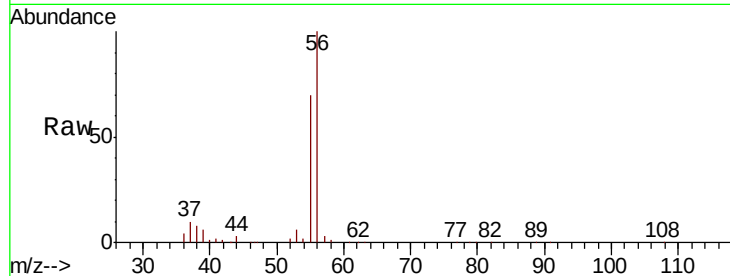
ClientSampleId :

Tot Ion: 56 Resp: 28494

Ion Ratio Lower Upper

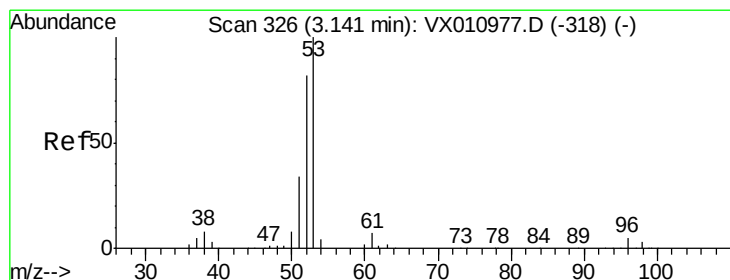
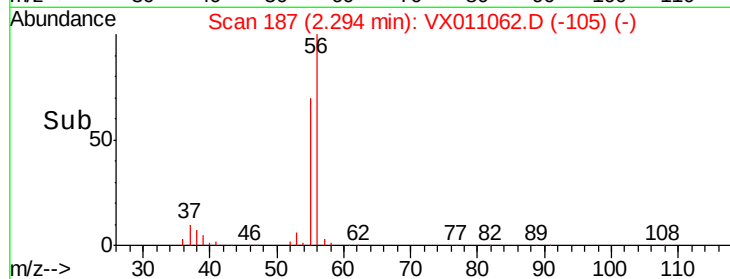
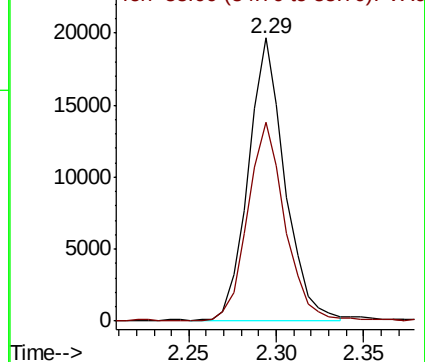
56 100

55 72.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 101.048 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

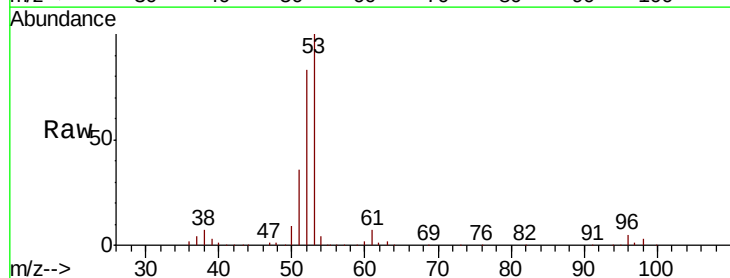
Tgt Ion: 53 Resp: 114256

Ion Ratio Lower Upper

53 100

52 82.3 41.1 123.4

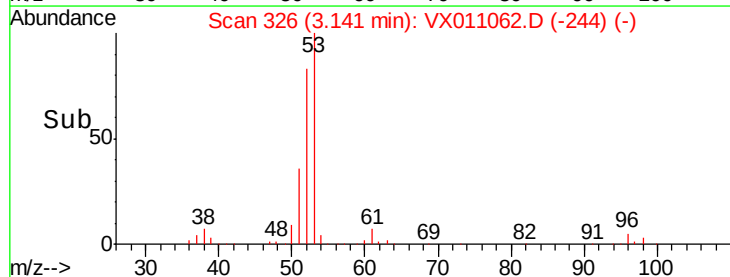
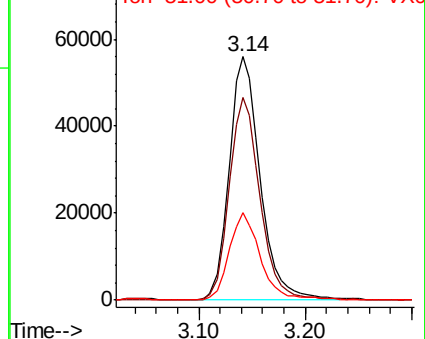
51 36.2 17.8 53.3

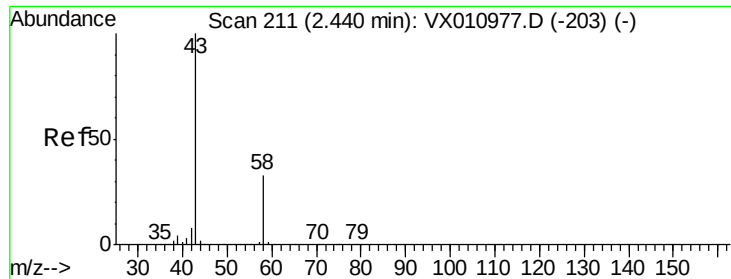


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 115.061 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

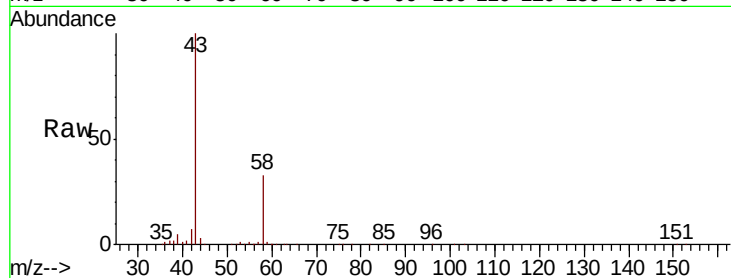
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 36228

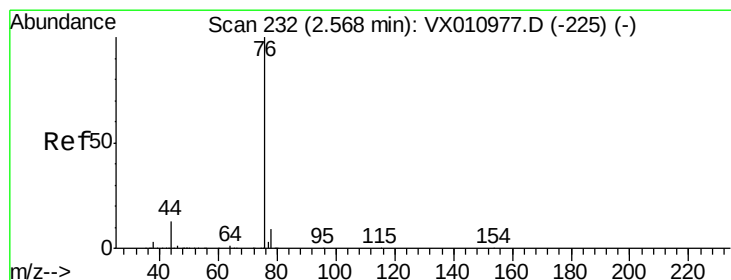
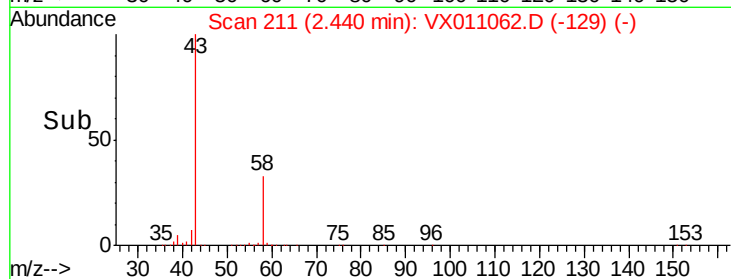
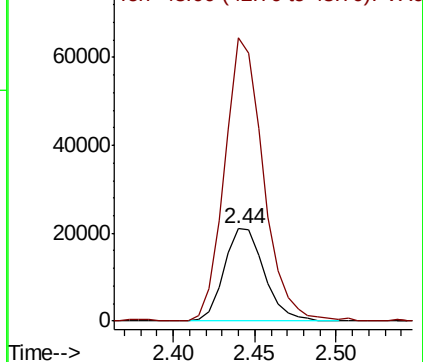
Ion Ratio Lower Upper

58 100

43 305.8 243.8 365.6



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



#16

Carbon Disulfide

Concen: 15.753 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011062.D

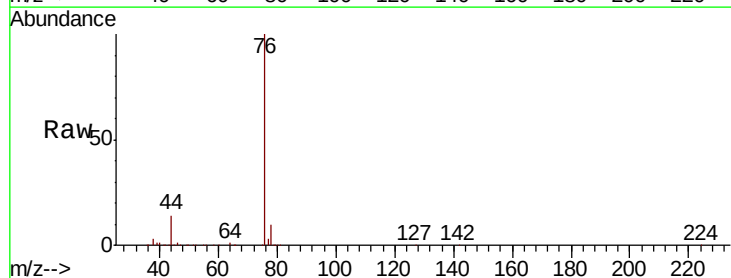
Acq: 24 Jul 2019 17:35

Tgt Ion: 76 Resp: 83260

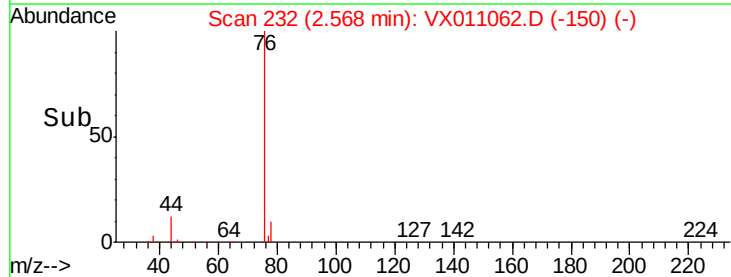
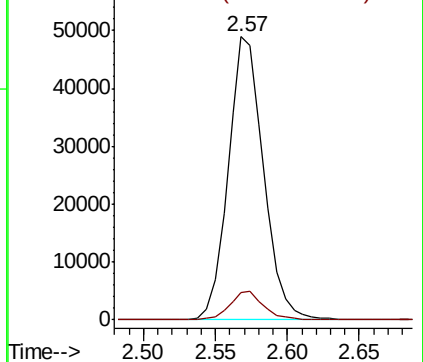
Ion Ratio Lower Upper

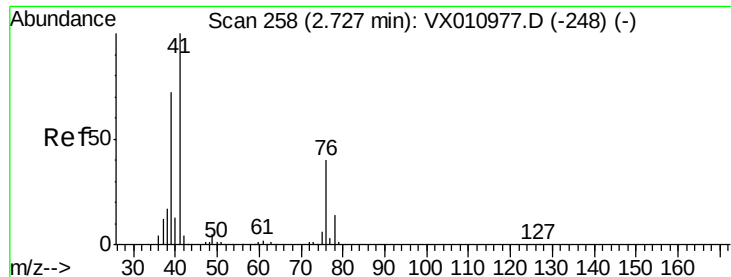
76 100

78 9.8 7.3 10.9



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

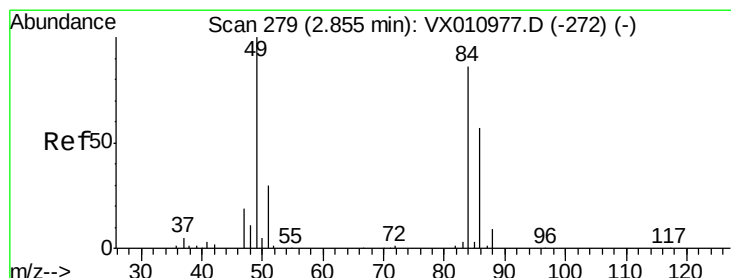
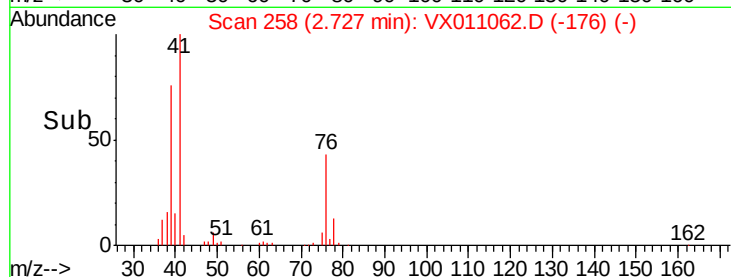
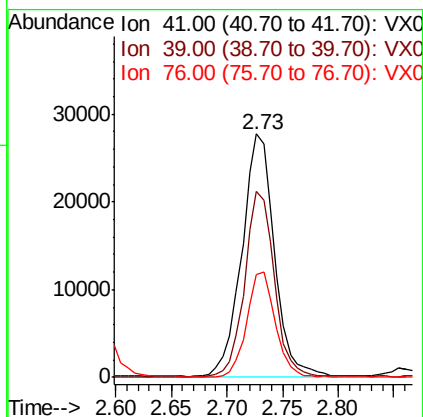
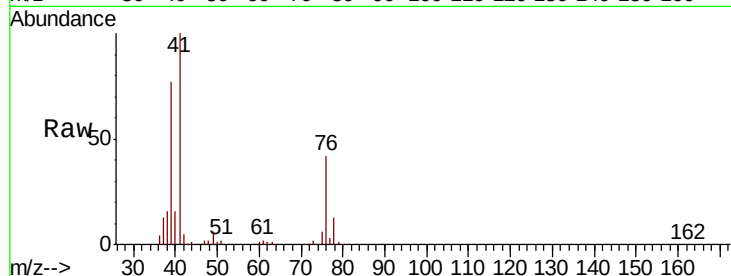




#17
Allvl chloride
Concen: 18.971 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

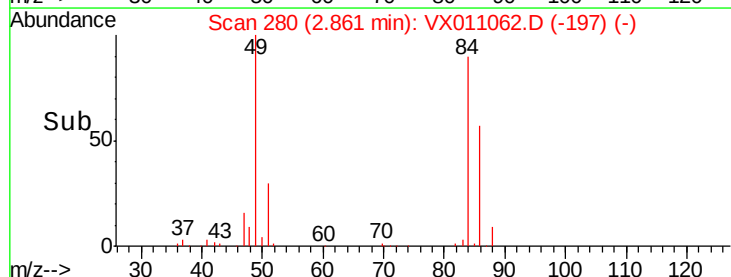
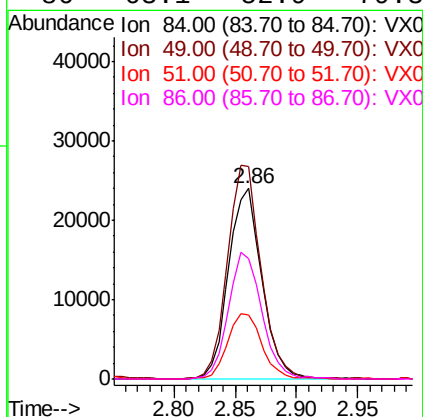
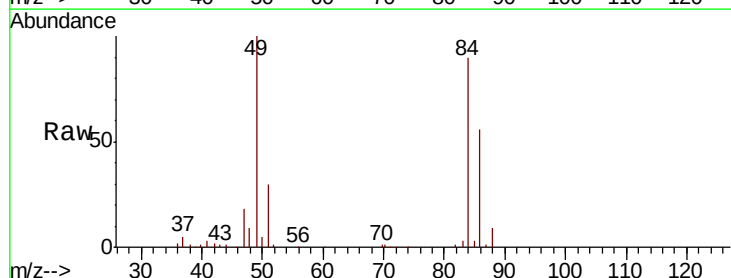
Instrument :
MSVOA_X
ClientSampleId :

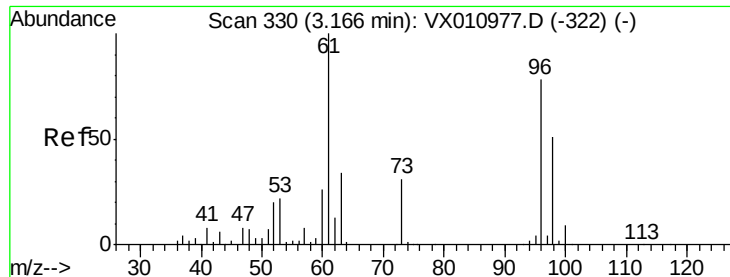
Tot Ion: 41 Resp: 56492
Ion Ratio Lower Upper
41 100
39 76.7 36.1 108.3
76 42.2 20.2 60.5



#18
Methylene Chloride
Concen: 19.805 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 84 Resp: 45361
Ion Ratio Lower Upper
84 100
49 111.3 93.2 139.8
51 33.5 28.6 42.8
86 63.1 52.9 79.3

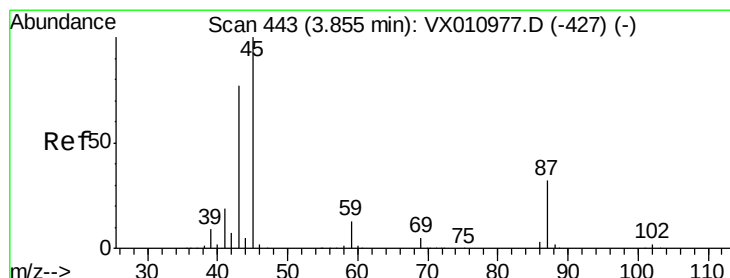
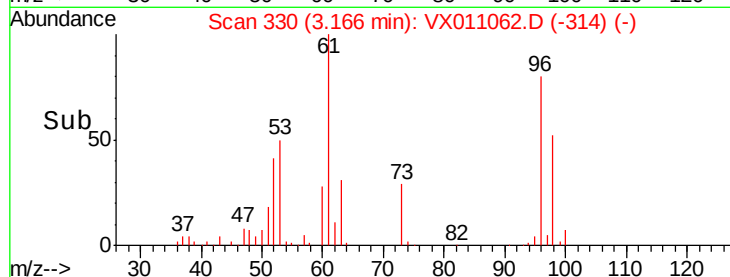
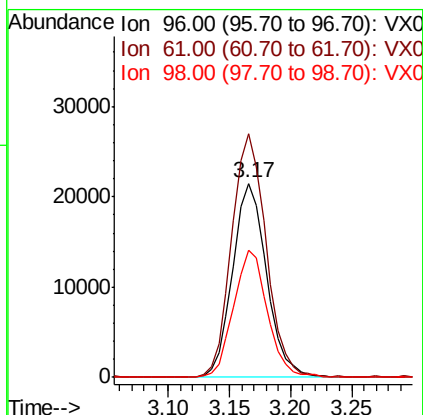
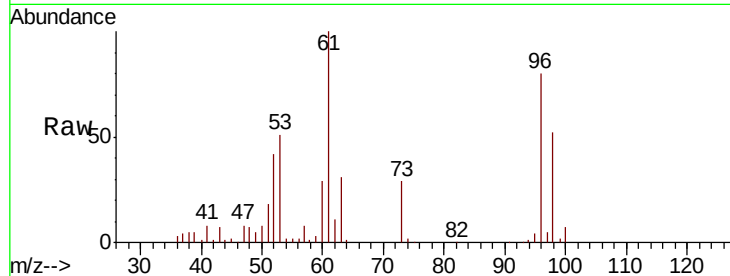




#19
trans-1,2-Dichloroethene
Concen: 19.135 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

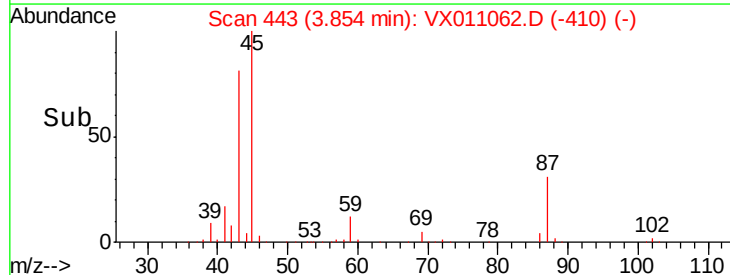
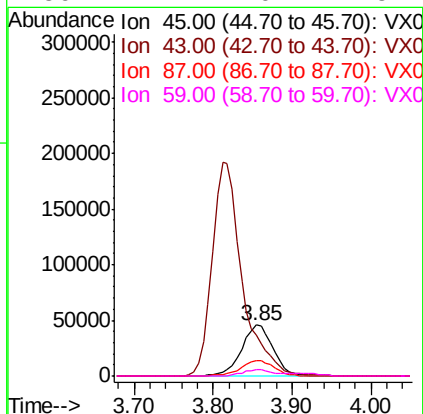
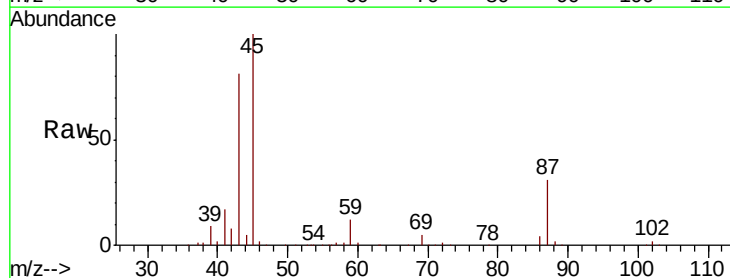
Instrument :
MSVOA_X
ClientSampleId :

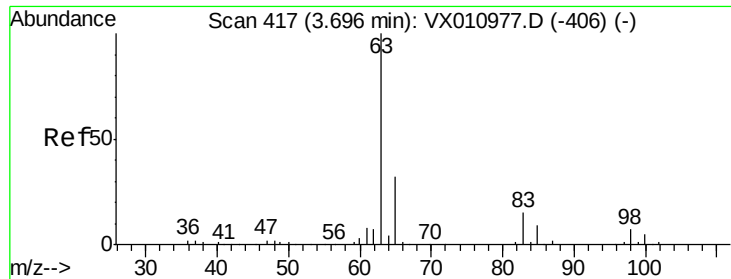
Tot Ion: 96 Resp: 41580
Ion Ratio Lower Upper
96 100
61 125.0 102.2 153.4
98 65.4 52.2 78.2



#20
Diisopropyl ether
Concen: 20.171 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 45 Resp: 126808
Ion Ratio Lower Upper
45 100
43 80.0 61.5 92.3
87 31.4 25.4 38.2
59 12.2 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.887 ug/l

RT: 3.70 min Scan# 417

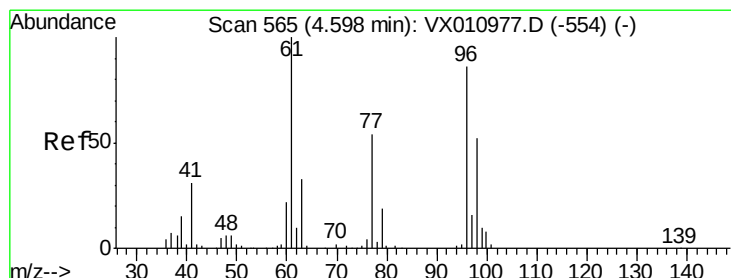
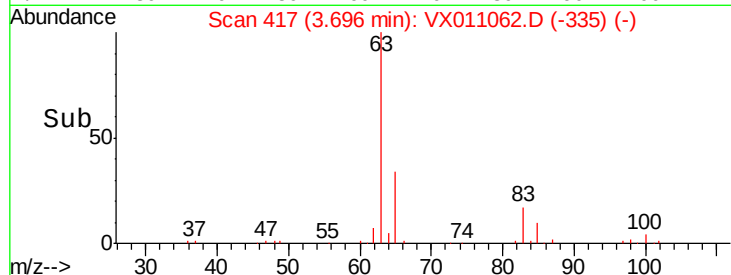
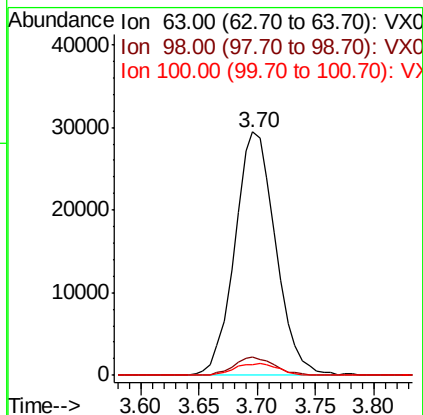
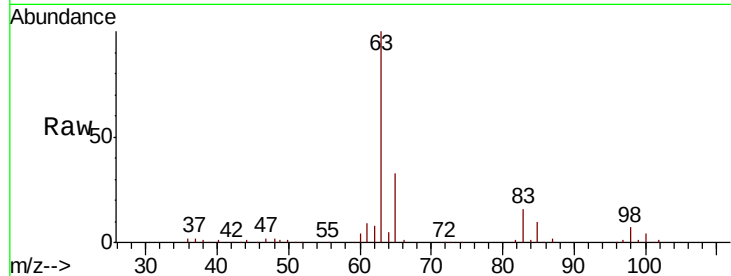
Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	71945
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.2
100	4.3	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 19.622 ug/l

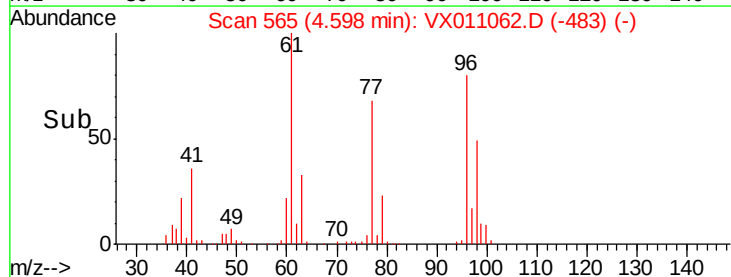
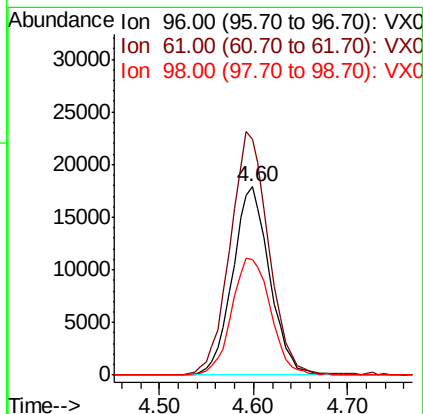
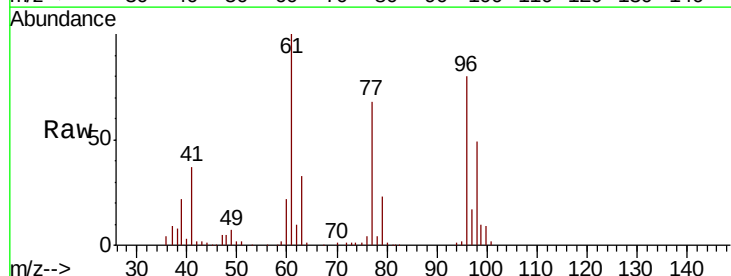
RT: 4.60 min Scan# 565

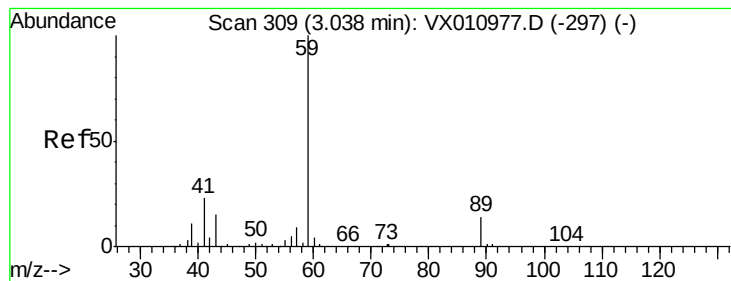
Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Tgt Ion:	96	Resp:	49038
Ion	Ratio	Lower	Upper
96	100		
61	133.6	102.9	154.3
98	65.3	50.9	76.3



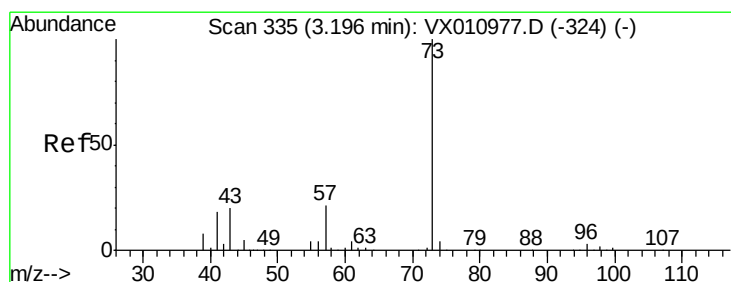
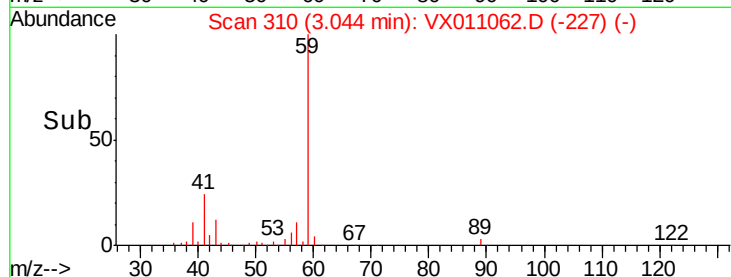
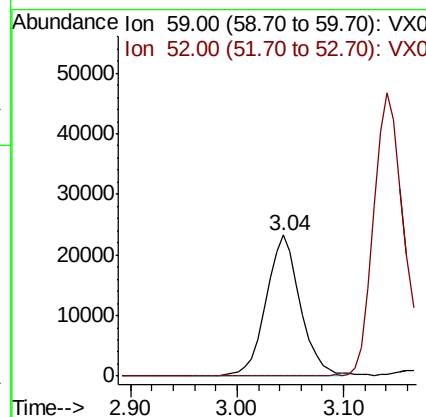
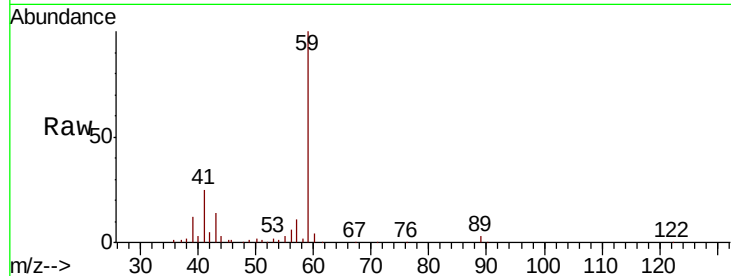


#23

tert-Butyl Alcohol
 Concen: 88.184 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Instrument :
 MSVOA_X
 ClientSampled :

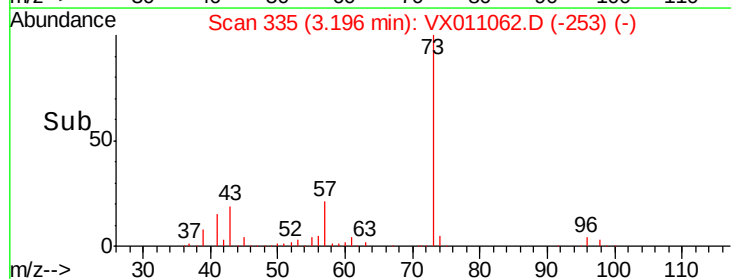
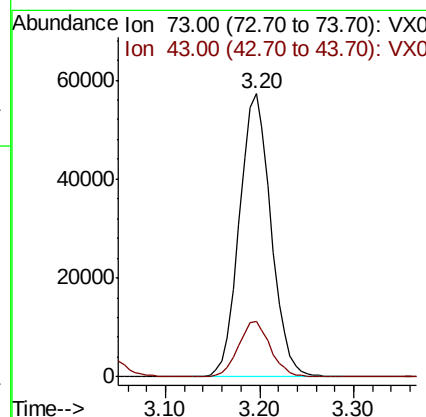
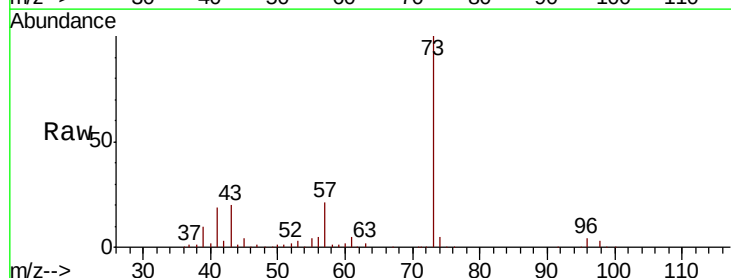
Tot Ion: 59 Resp: 52060
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.4

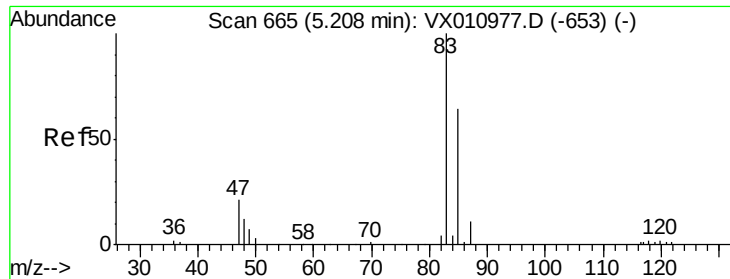


#24

Methyl tert-Butyl Ether
 Concen: 20.217 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion: 73 Resp: 133496
 Ion Ratio Lower Upper
 73 100
 43 19.6 15.8 23.6

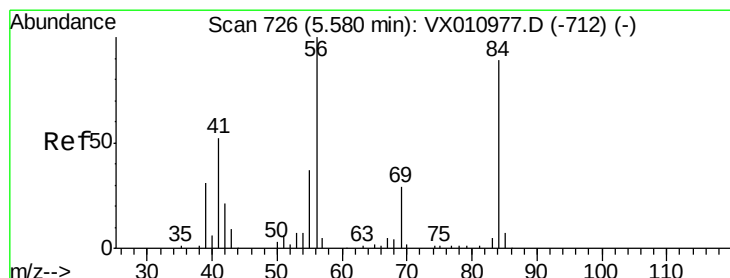
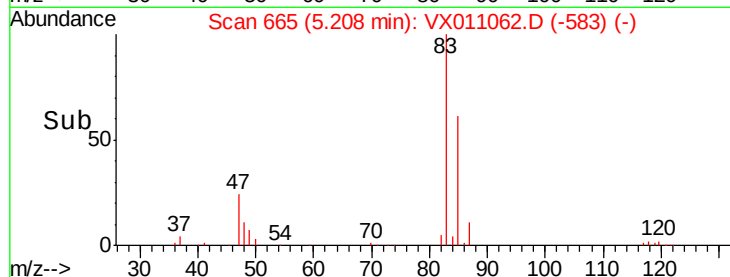
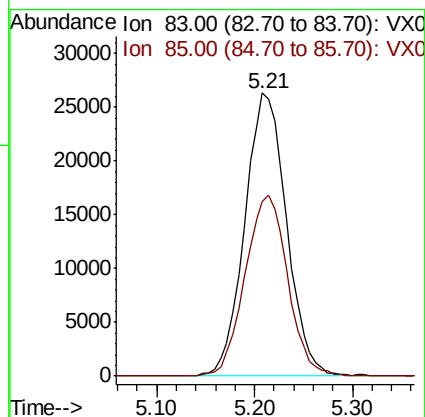
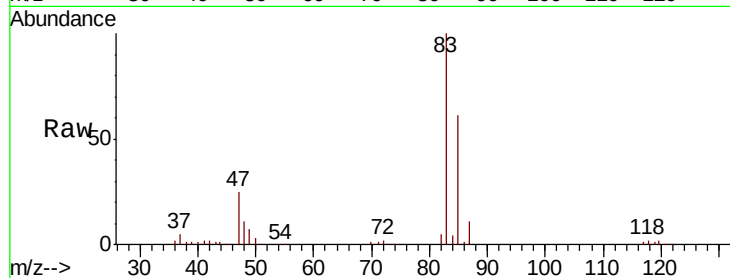




#25
Chloroform
Concen: 19.756 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

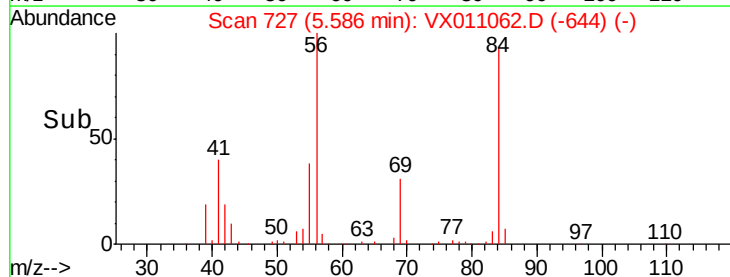
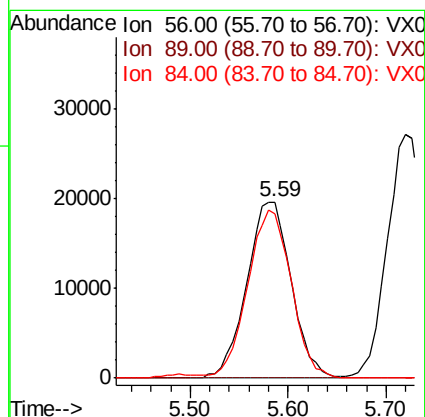
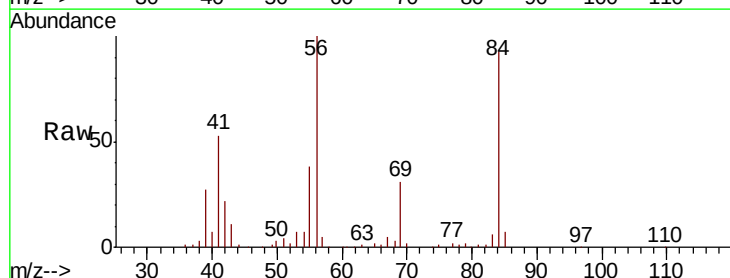
Instrument :
MSVOA_X
ClientSampled :

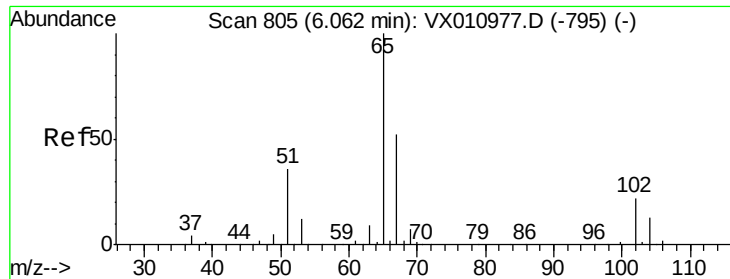
Tot Ion: 83 Resp: 78282
Ion Ratio Lower Upper
83 100
85 61.5 50.9 76.3



#26
Cyclohexane
Concen: 18.692 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 56 Resp: 61879
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.5 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 29.439 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

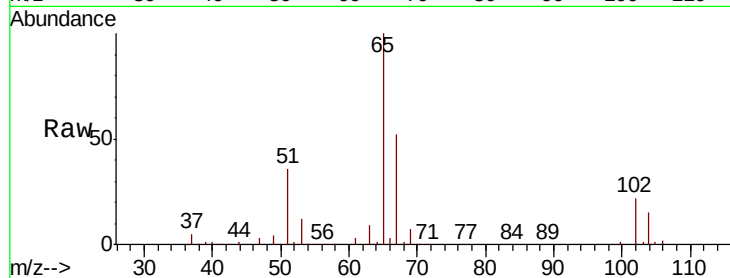
ClientSampleId :

Tot Ion: 65 Resp: 73405

Ion Ratio Lower Upper

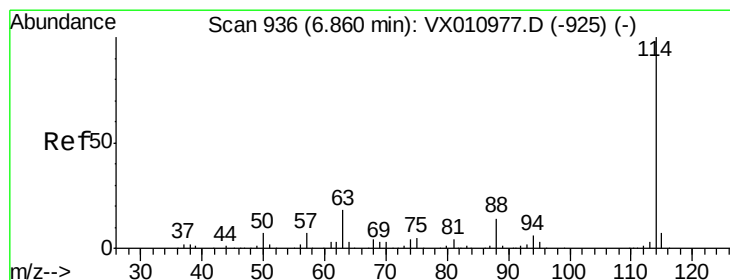
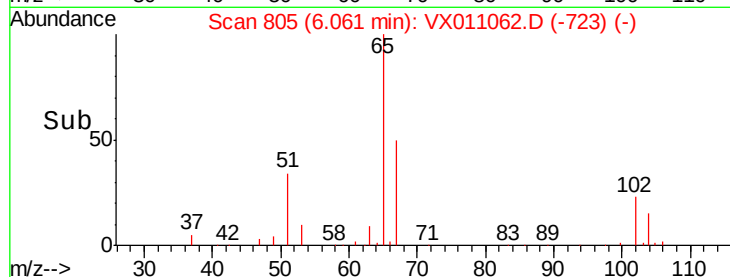
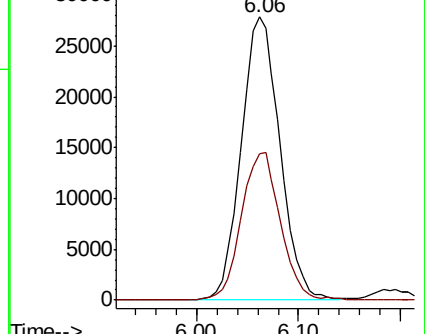
65 100

67 52.3 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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

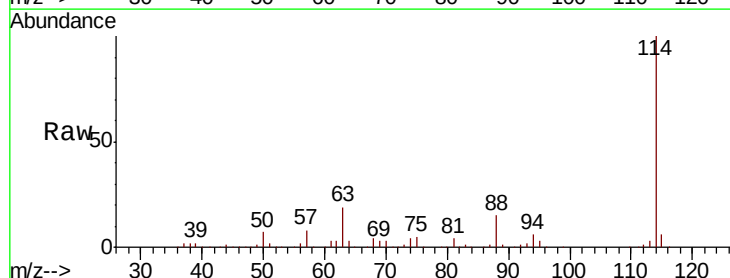
Tgt Ion: 114 Resp: 204093

Ion Ratio Lower Upper

114 100

63 18.1 14.6 22.0

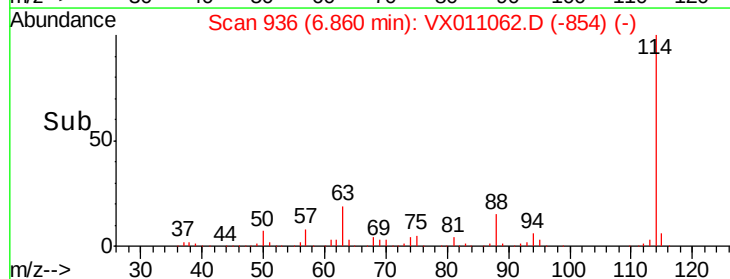
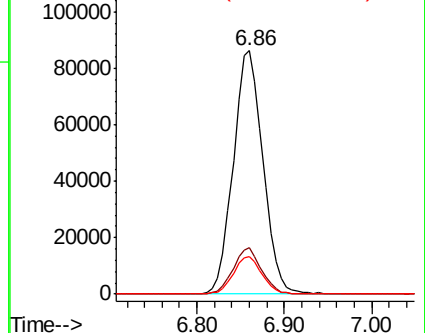
88 15.0 11.8 17.8

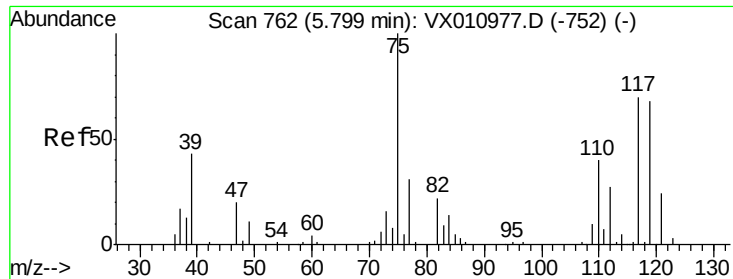


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

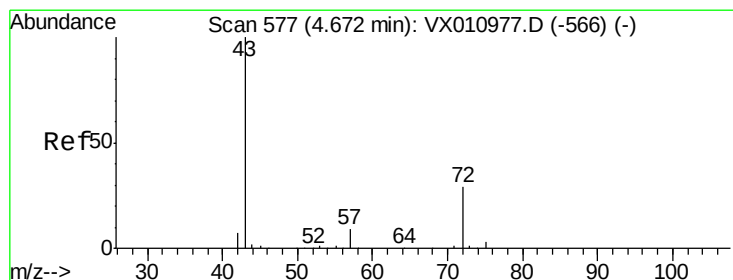
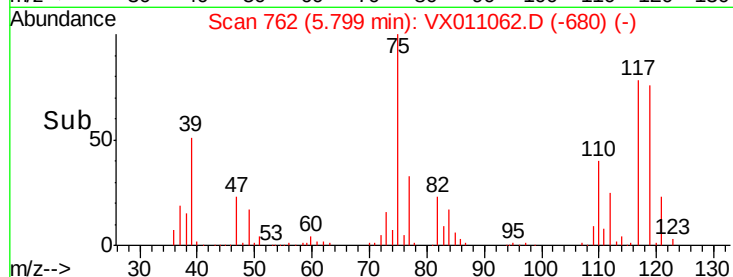
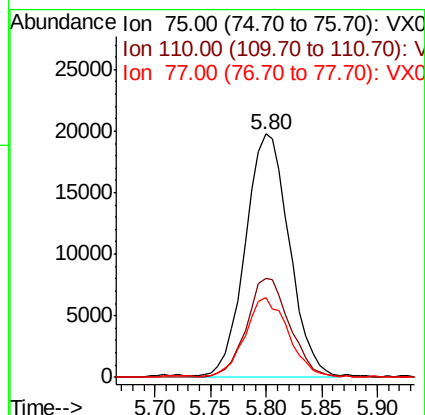
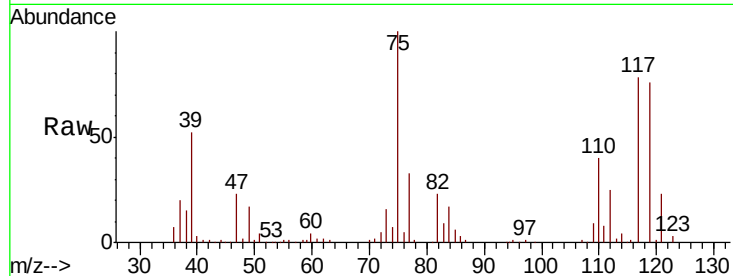




#29
 1,1-Dichloropropene
 Concen: 19.002 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

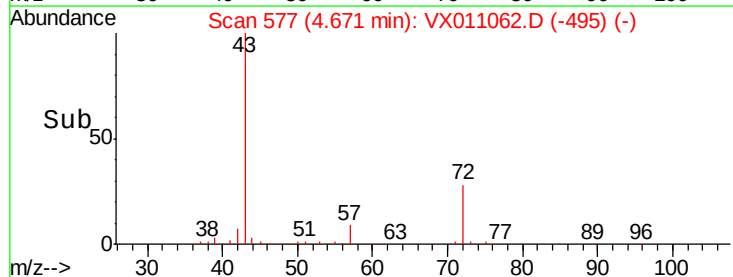
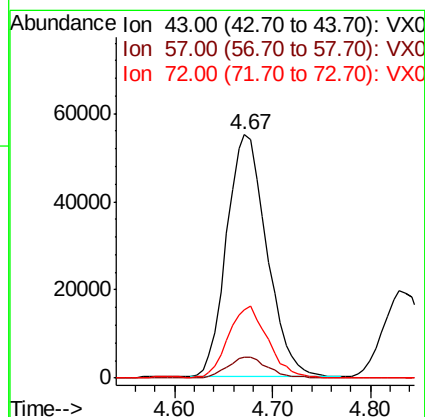
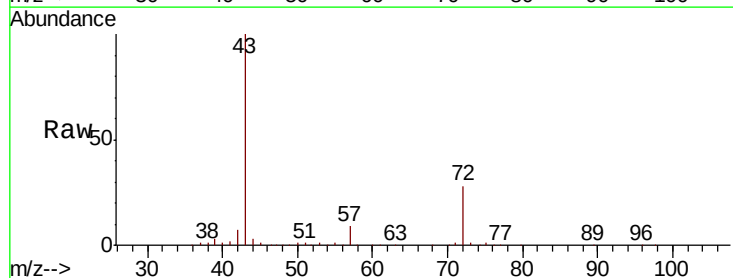
Instrument :
 MSVOA_X
 ClientSampleId :

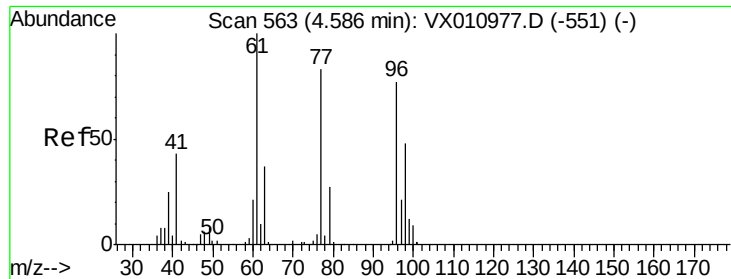
Tot Ion	75	Resp	54538
Ion Ratio	Lower	Upper	
75	100		
110	39.6	0.0	79.8
77	32.4	0.0	62.2



#30
 2-Butanone
 Concen: 101.606 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion	43	Resp	157417
Ion Ratio	Lower	Upper	
43	100		
57	8.8	6.8	10.2
72	29.5	23.2	34.8





#31

2,2-Dichloropropane

Concen: 23.540 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

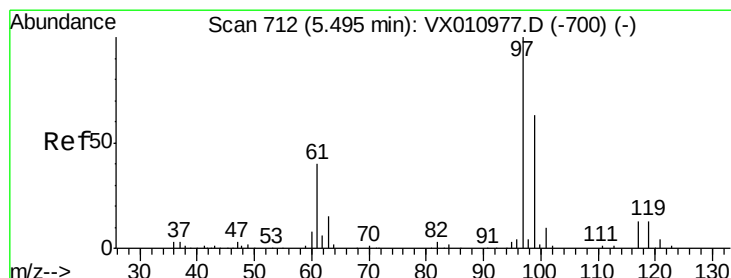
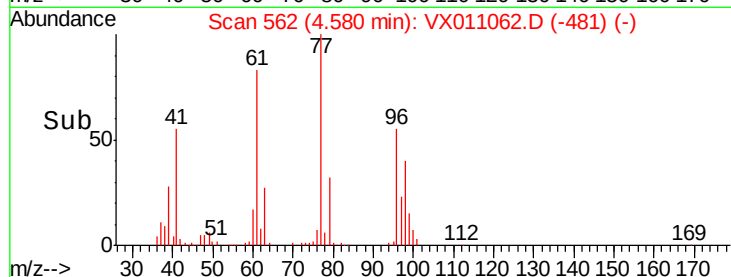
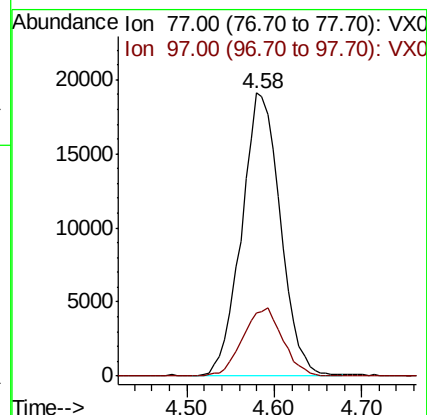
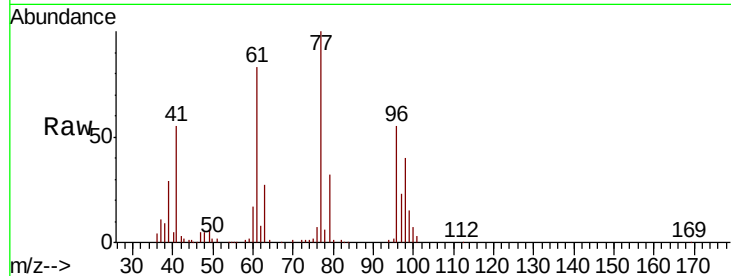
ClientSampleId :

Tot Ion: 77 Resp: 58977

Ion Ratio Lower Upper

77 100

97 24.7 20.9 31.3



#32

1,1,1-Trichloroethane

Concen: 19.471 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

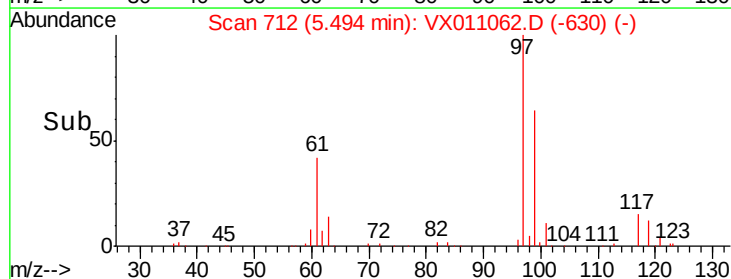
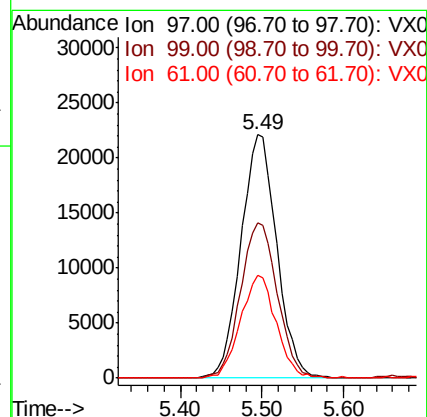
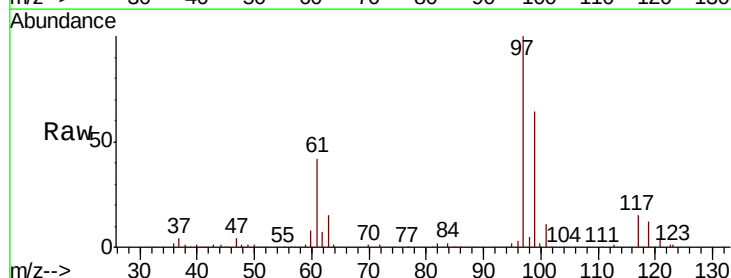
Tgt Ion: 97 Resp: 67392

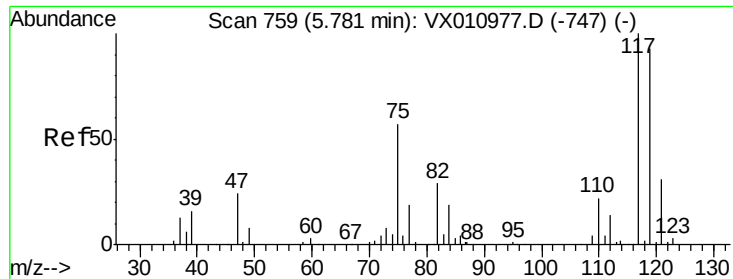
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.6

61 42.0 34.3 51.5





#33

Carbon Tetrachloride

Concen: 19.251 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

ClientSampled :

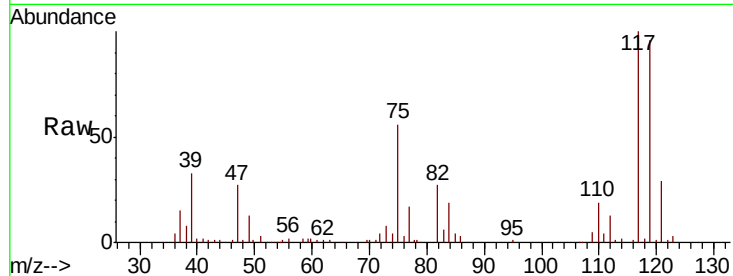
Tot Ion:117 Resp: 57932

Ion Ratio Lower Upper

117 100

119 95.7 74.3 111.5

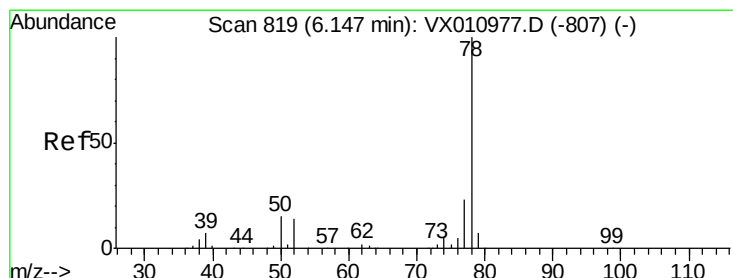
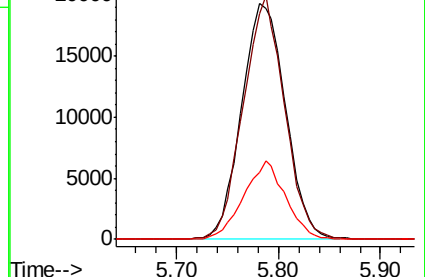
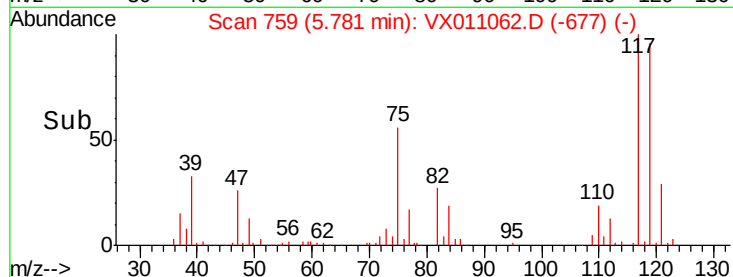
121 28.5 24.9 37.3



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: 19.755 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

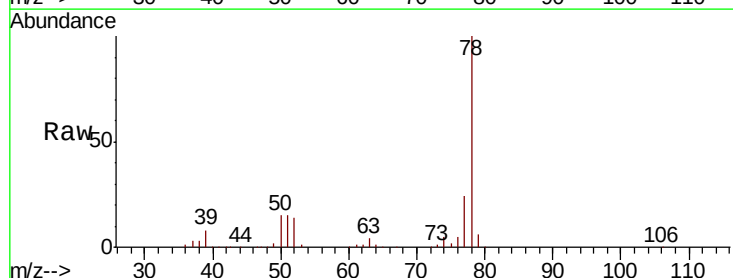
Tgt Ion: 78 Resp: 170079

Ion Ratio Lower Upper

78 100

77 24.4 18.2 27.4

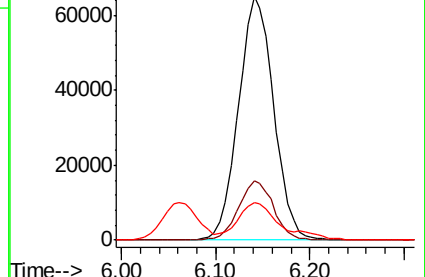
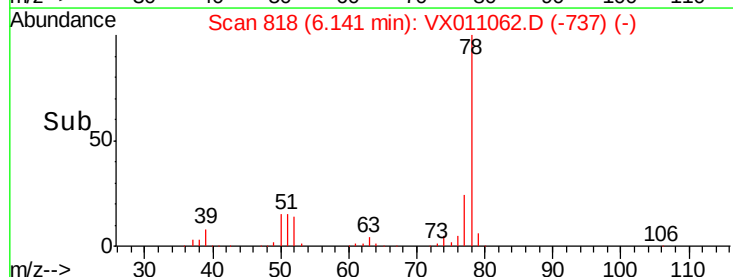
51 14.9 11.4 17.2

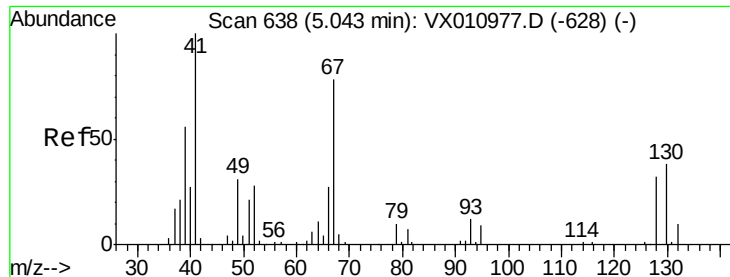


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

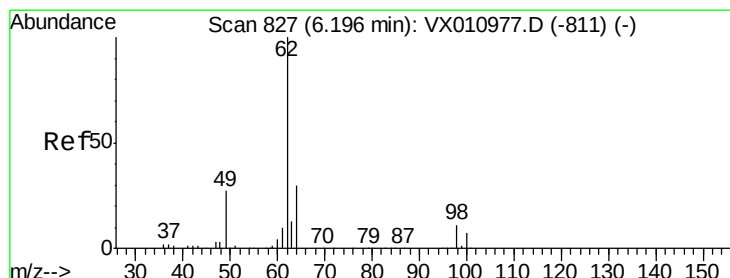
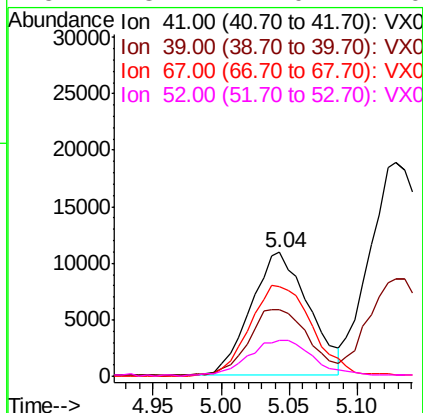
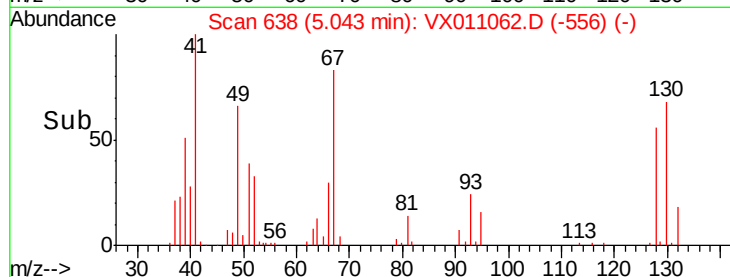
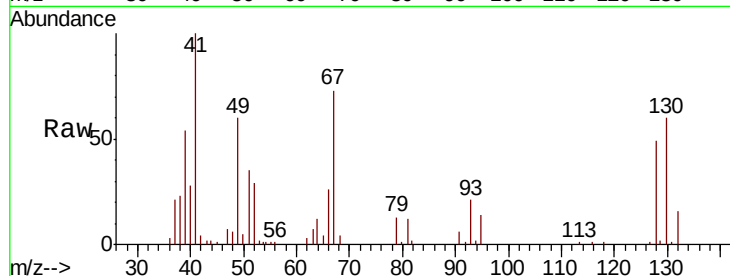




#35
Methacrylonitrile
Concen: 20.174 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

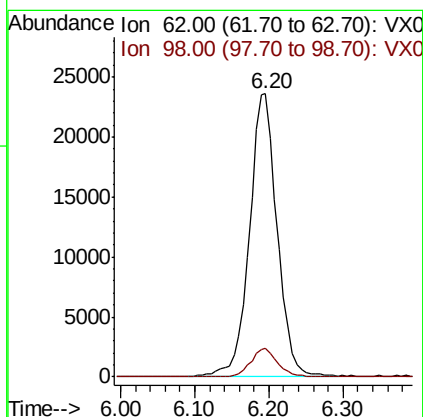
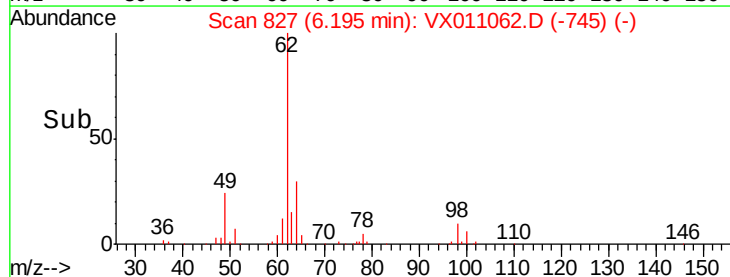
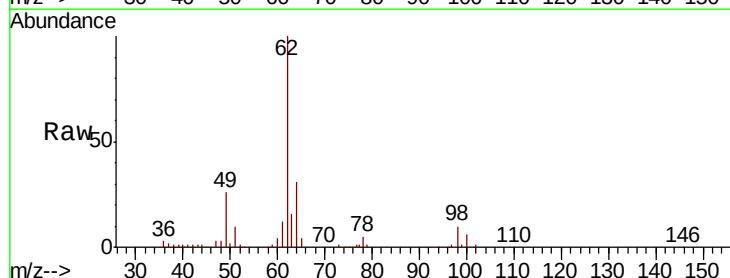
Instrument :
MSVOA_X
ClientSampled :

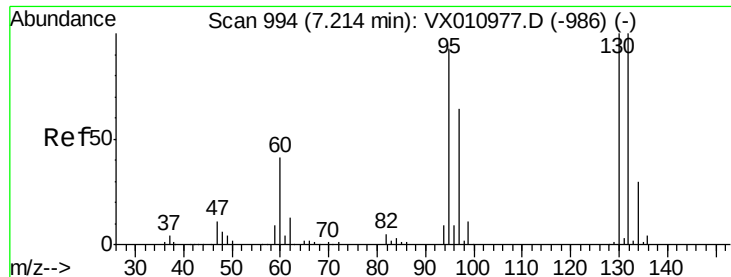
Tot Ion: 41 Resp: 32538
Ion Ratio Lower Upper
41 100
39 53.0 27.6 82.8
67 72.6 39.1 117.2
52 28.1 14.0 42.0



#36
1,2-Dichloroethane
Concen: 20.022 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 62 Resp: 61637
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0

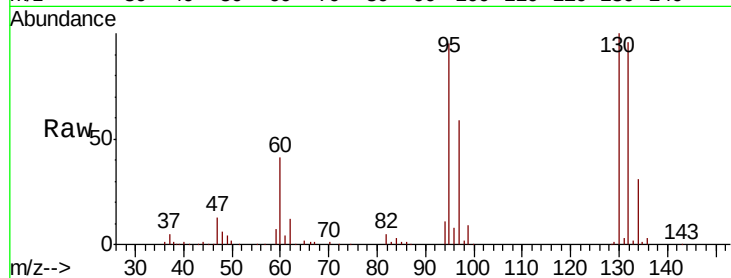




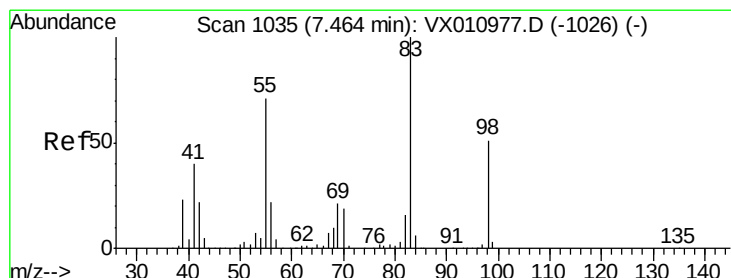
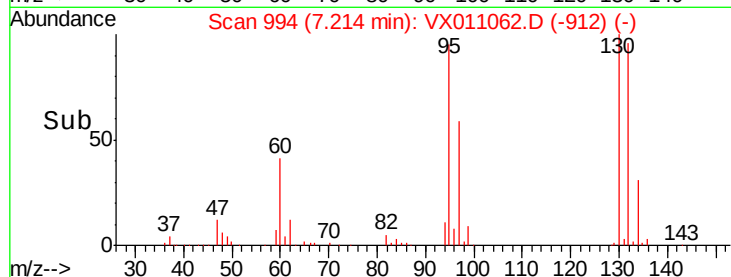
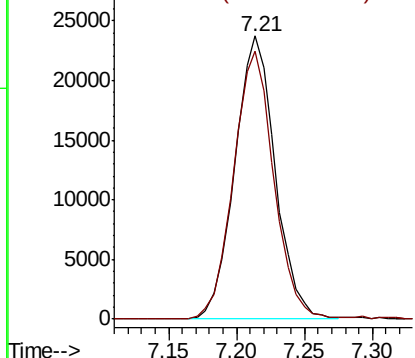
#37
 Trichloroethene
 Concen: 19.510 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 49177
 Ion Ratio Lower Upper
 130 100
 95 94.6 74.1 111.1

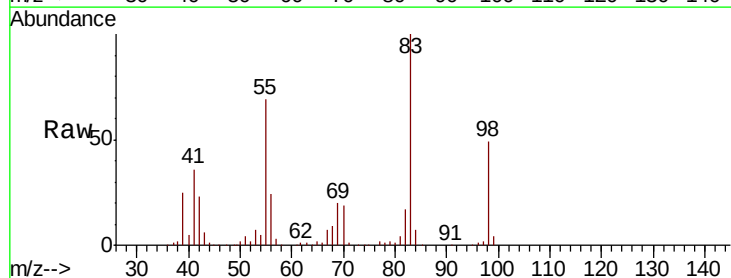


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

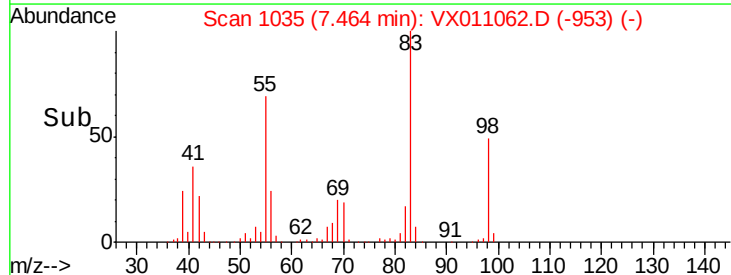
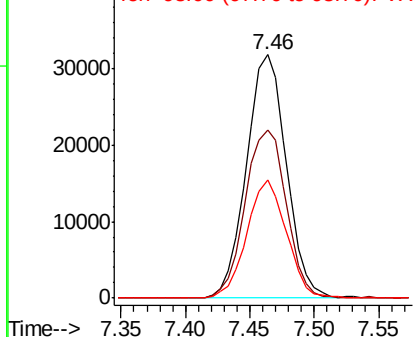


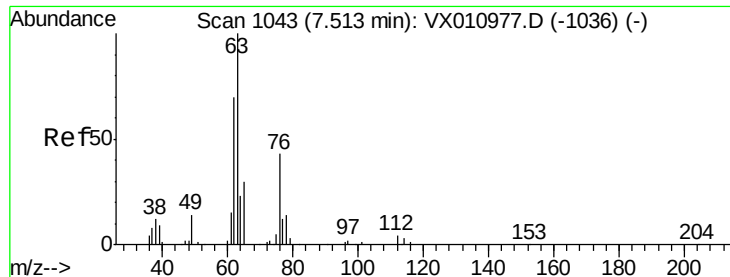
#38
 Methylcyclohexane
 Concen: 18.823 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion: 83 Resp: 68184
 Ion Ratio Lower Upper
 83 100
 55 71.5 35.3 105.9
 98 48.2 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: 19.475 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

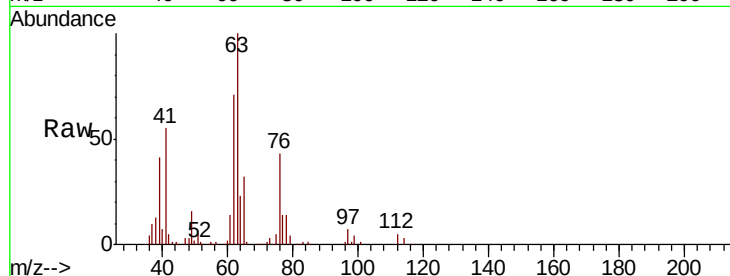
ClientSampled :

Tot Ion: 63 Resp: 41910

Ion Ratio Lower Upper

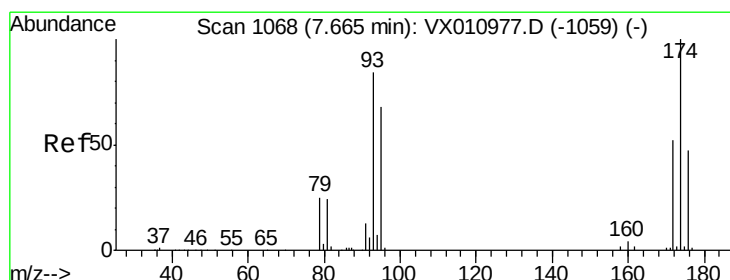
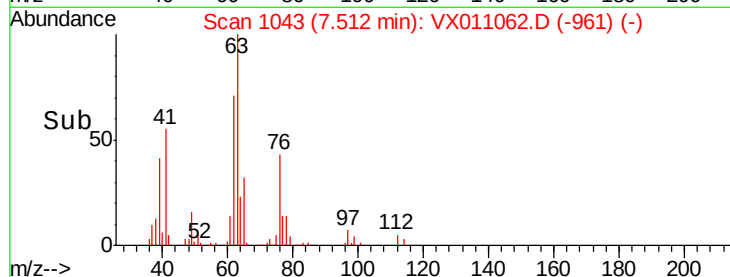
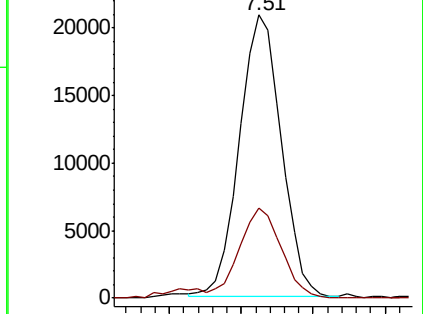
63 100

65 31.6 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.047 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

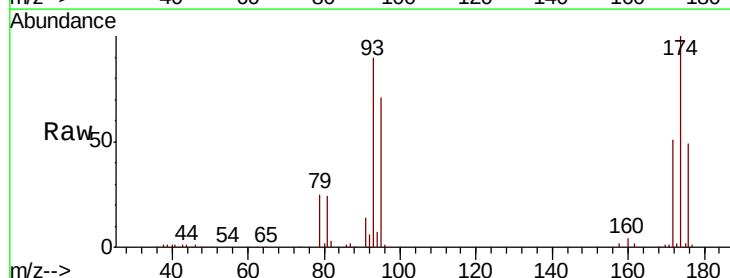
Tgt Ion: 93 Resp: 31729

Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.0

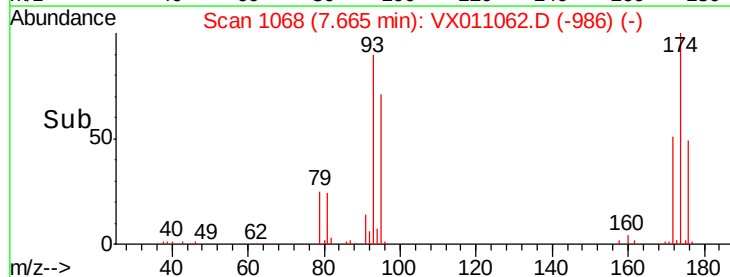
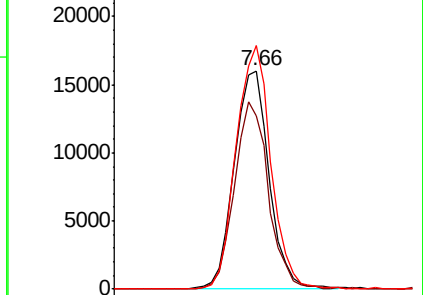
174 111.4 0.0 229.2

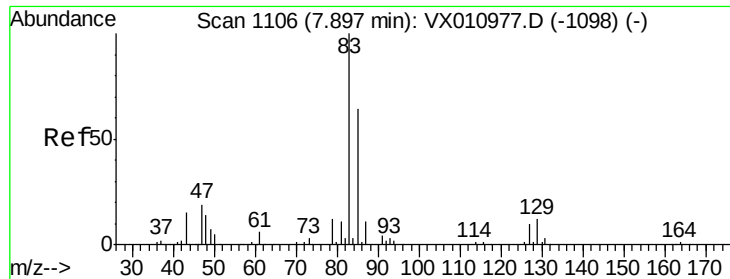


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.415 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

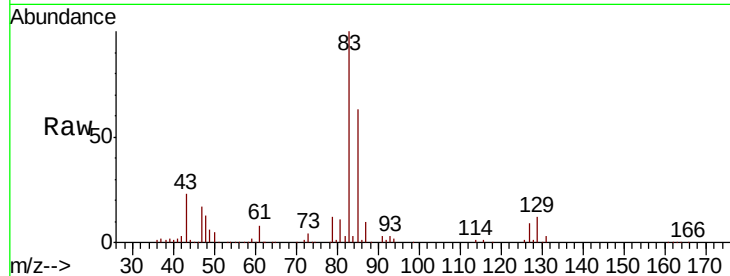
Tot Ion: 83 Resp: 55934

Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3

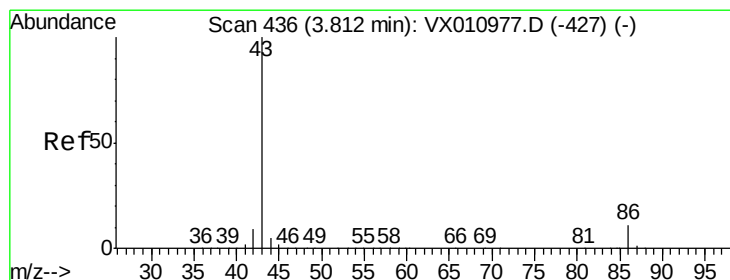
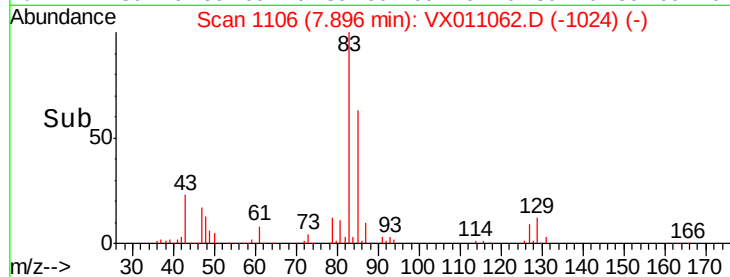
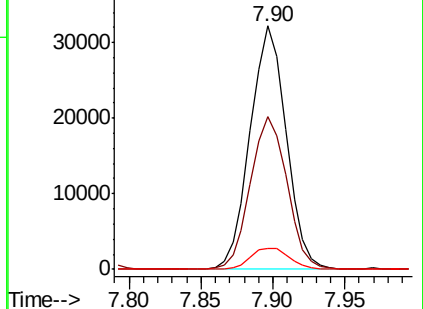
127 8.8 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.759 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX011062.D

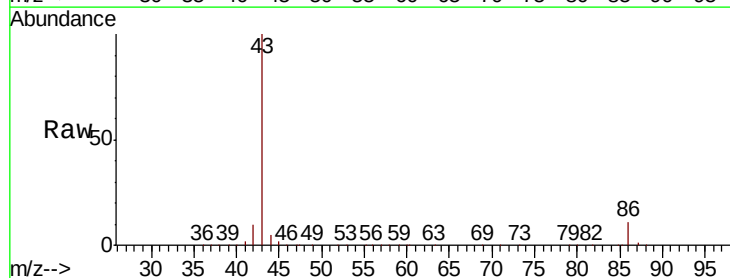
Acq: 24 Jul 2019 17:35

Tgt Ion: 43 Resp: 509209

Ion Ratio Lower Upper

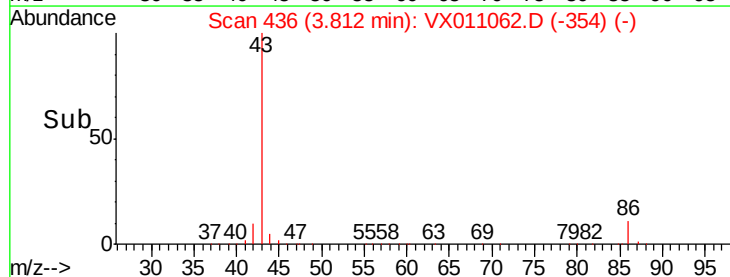
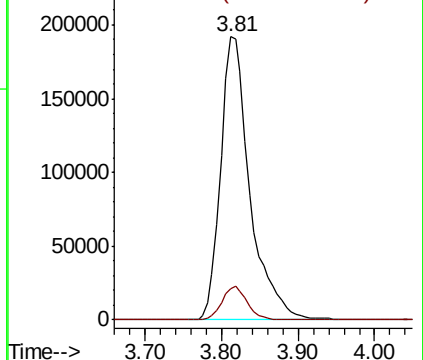
43 100

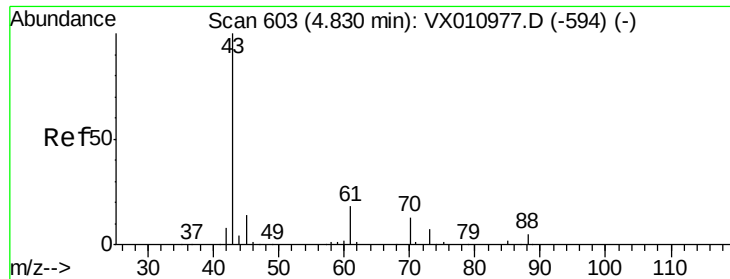
86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

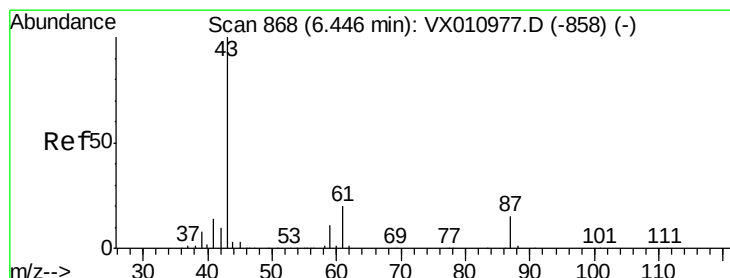
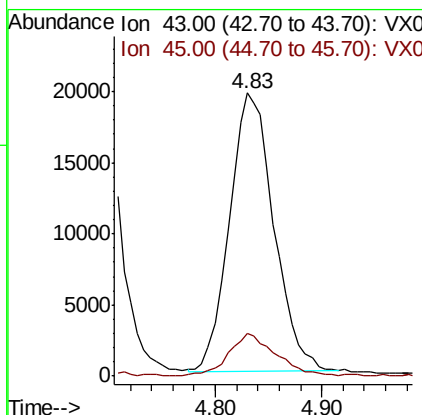
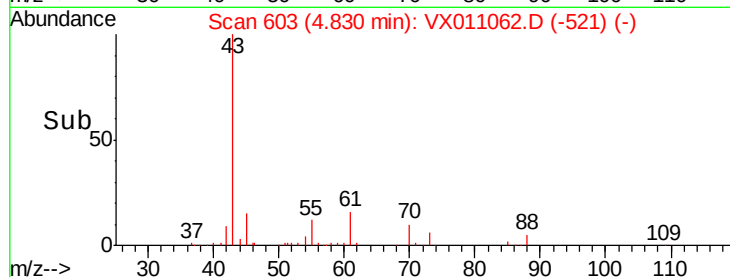
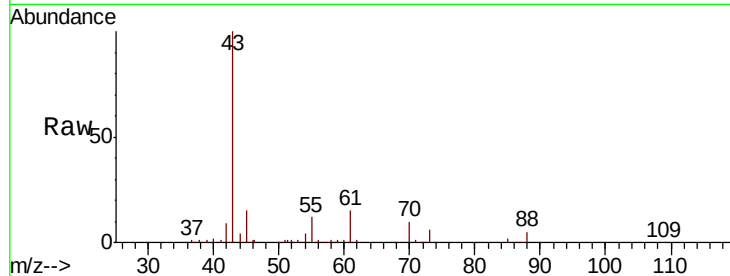




#43
Ethyl Acetate
Concen: 19.062 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

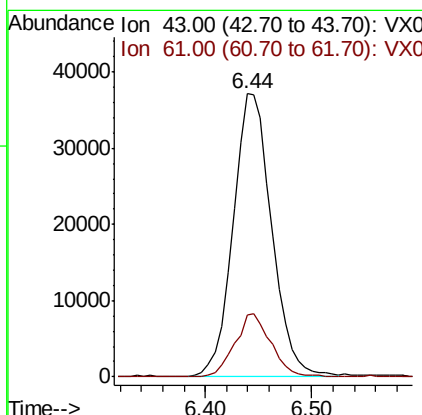
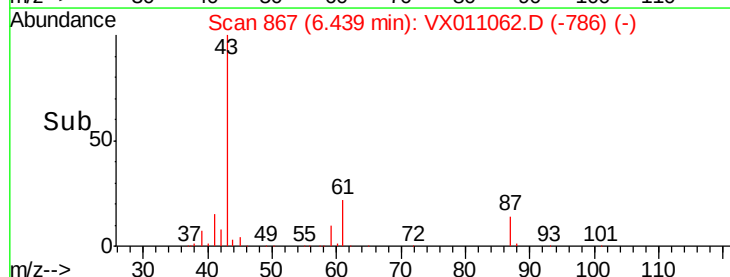
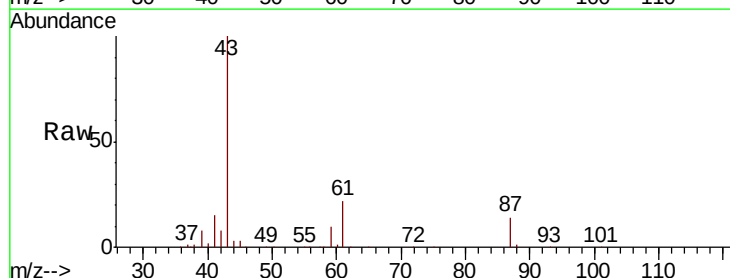
Instrument :
MSVOA_X
ClientSampled :

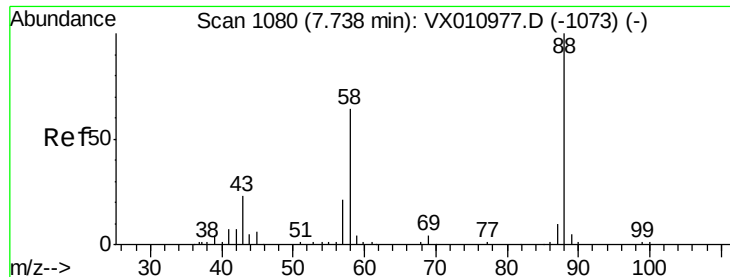
Tot Ion: 43 Resp: 56689
Ion Ratio Lower Upper
43 100
45 15.5 12.1 18.1



#44
Isopropyl Acetate
Concen: 19.386 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 43 Resp: 93906
Ion Ratio Lower Upper
43 100
61 21.0 16.7 25.1

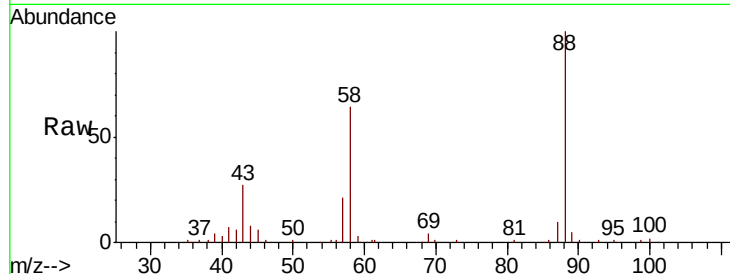




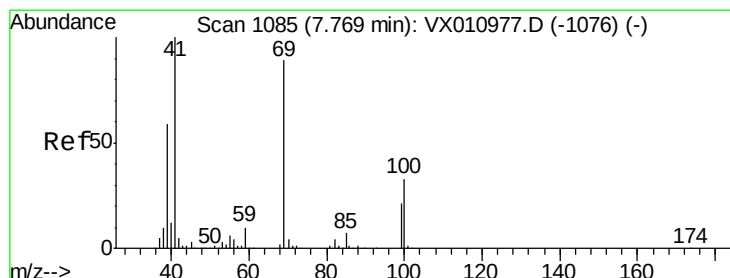
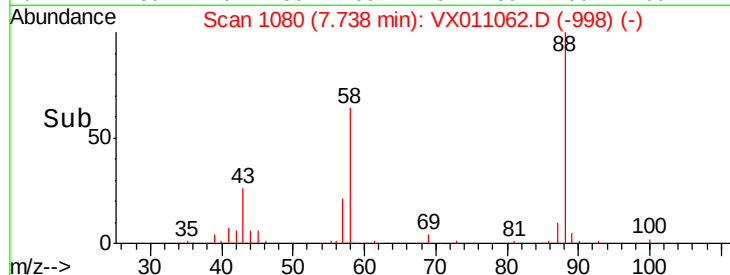
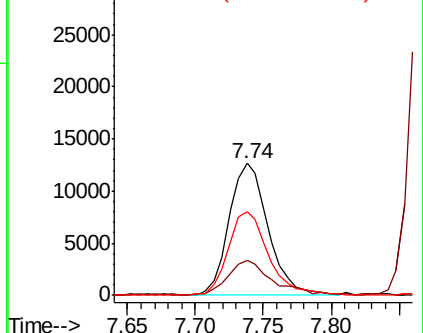
#45
1,4-Dioxane
Concen: 400.589 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 25256
Ion Ratio Lower Upper
88 100
43 25.7 21.6 32.4
58 66.1 52.2 78.2

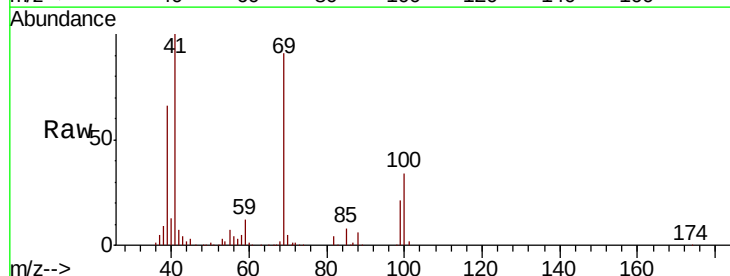


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

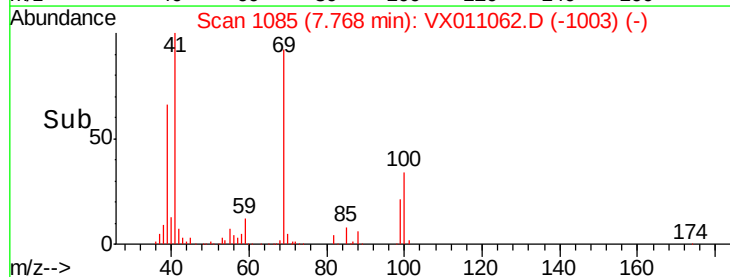
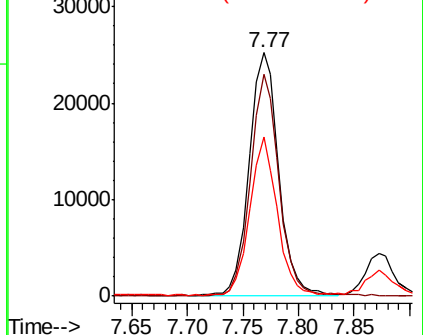


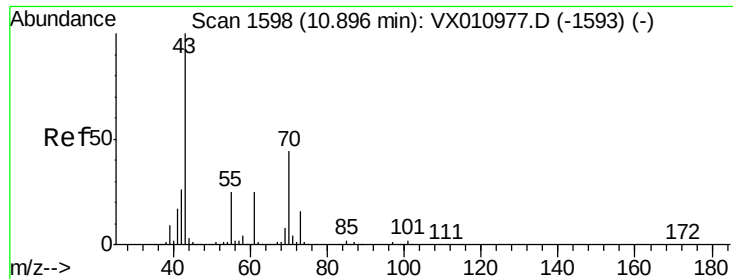
#46
Methyl methacrylate
Concen: 19.758 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 41 Resp: 46454
Ion Ratio Lower Upper
41 100
69 91.5 44.7 134.1
39 65.3 29.4 88.2



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





#47

n-amvl Acetate

Concen: 19.512 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

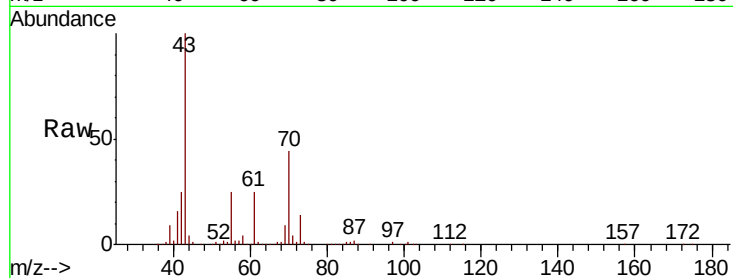
ClientSampleId :

Tot Ion: 43 Resp: 84769

Ion Ratio Lower Upper

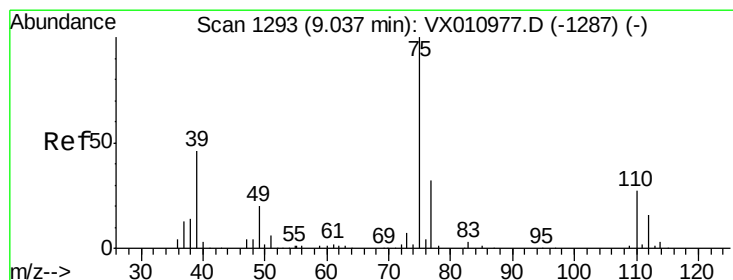
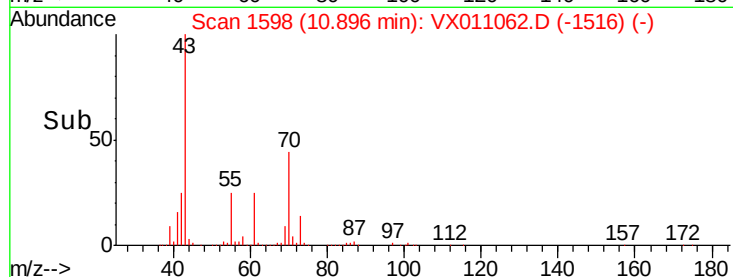
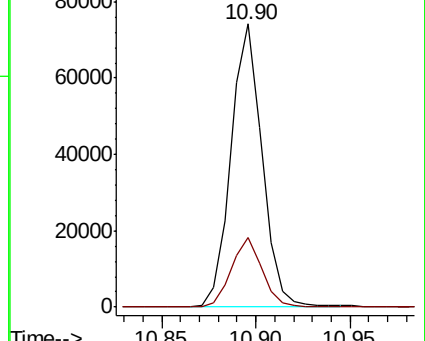
43 100

55 24.4 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: 19.373 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011062.D

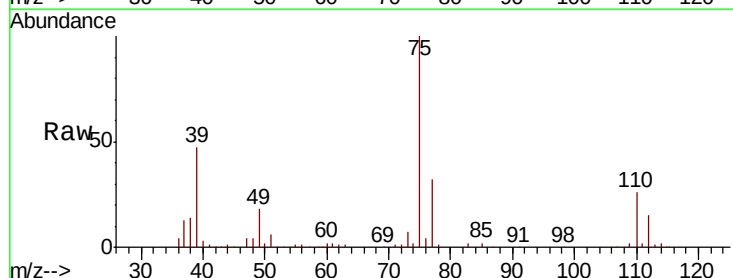
Acq: 24 Jul 2019 17:35

Tgt Ion: 75 Resp: 58821

Ion Ratio Lower Upper

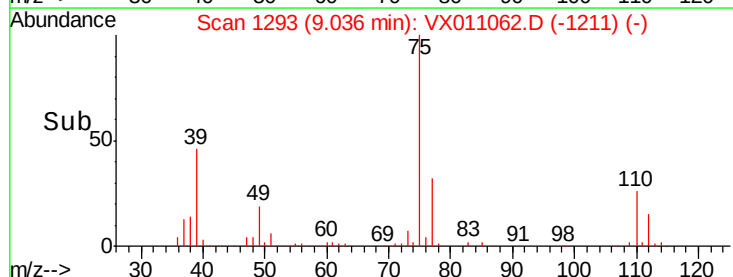
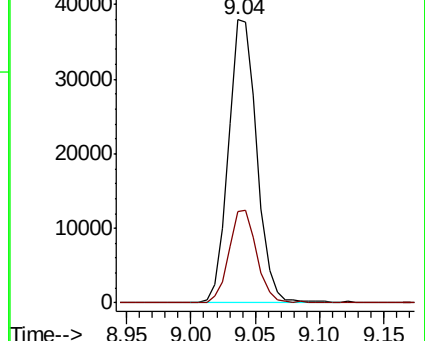
75 100

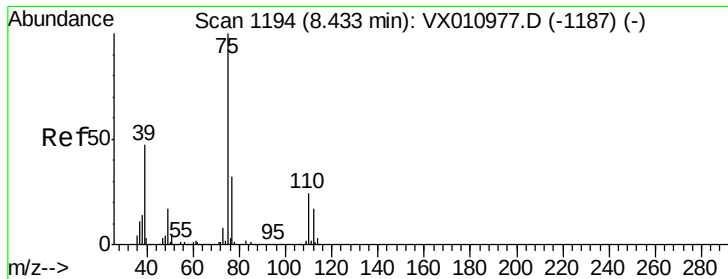
77 32.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

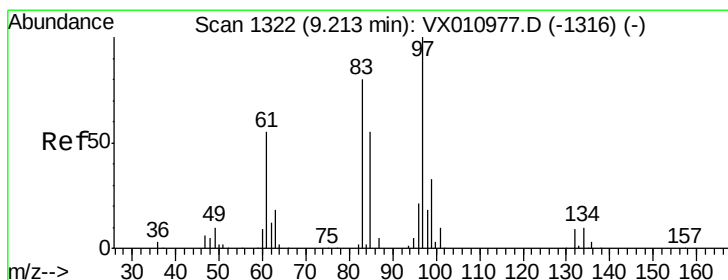
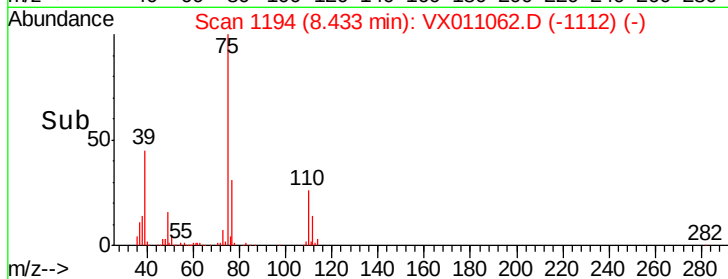
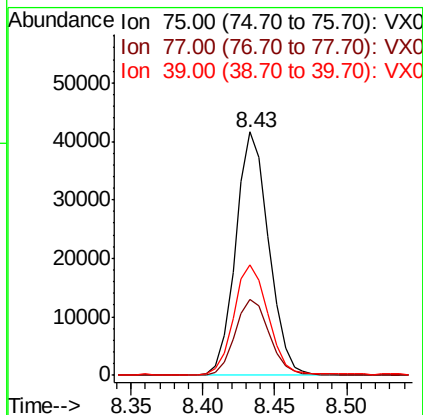
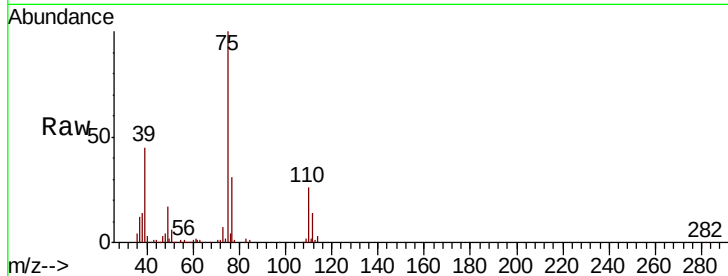




#49
 cis-1,3-Dichloropropene
 Concen: 20.087 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

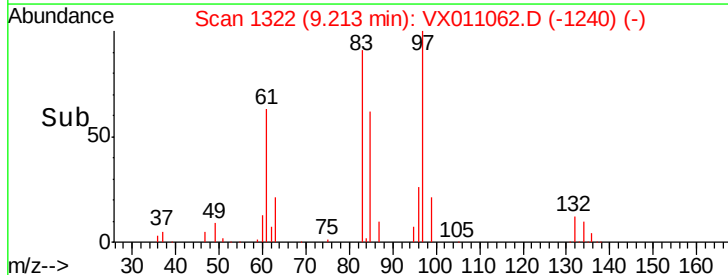
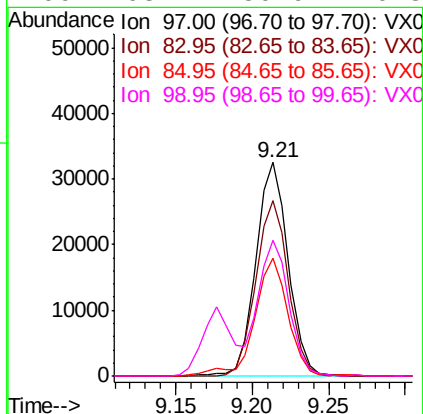
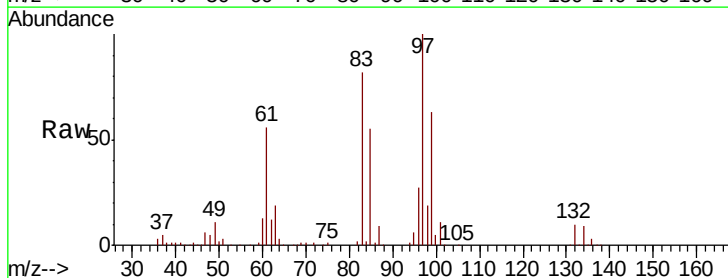
Instrument :
 MSVOA_X
 ClientSampled :

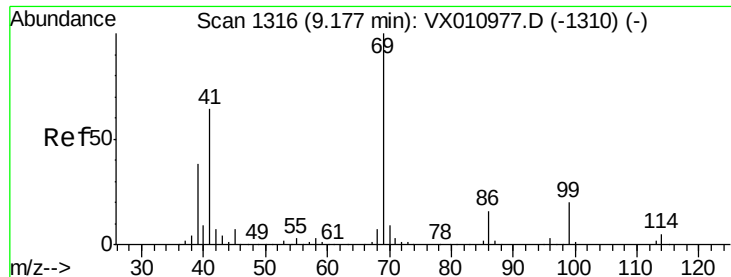
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	45.0	37.8	56.6



#50
 1,1,2-Trichloroethane
 Concen: 20.624 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	63.9	95.9
85	54.9	43.4	65.2
99	63.1	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.242 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

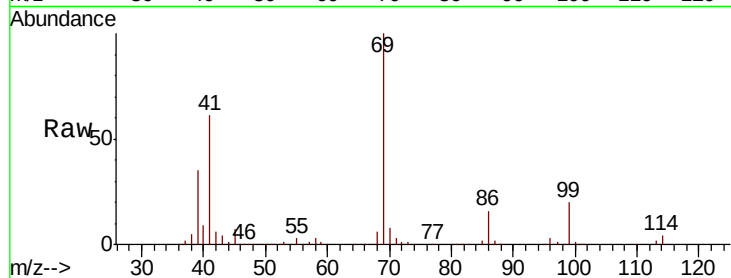
Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 68935

Ion	Ratio	Lower	Upper
69	100		
41	60.9	32.1	96.3
39	34.9	19.1	57.3

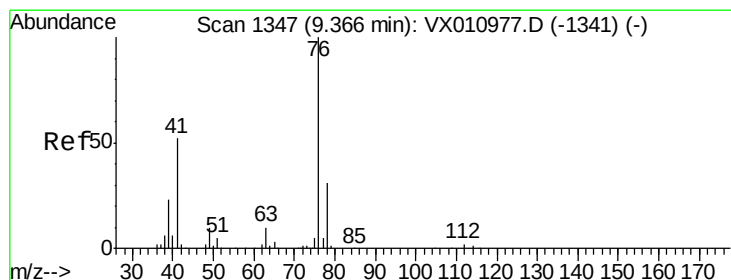
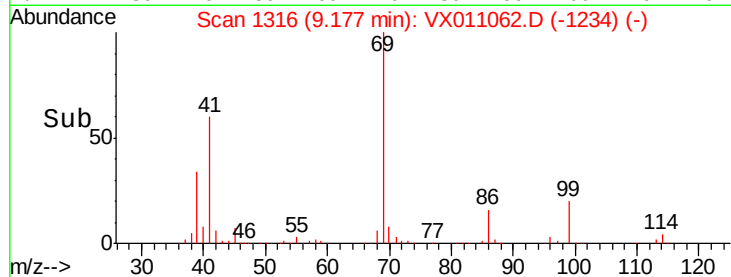
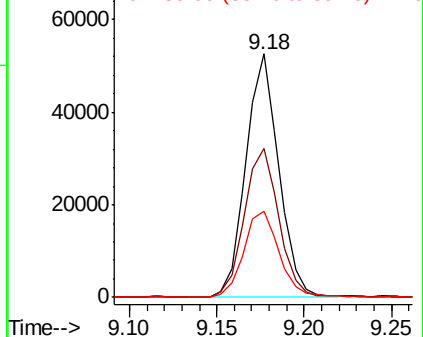


Abundance

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: 20.074 ug/l

RT: 9.37 min Scan# 1348

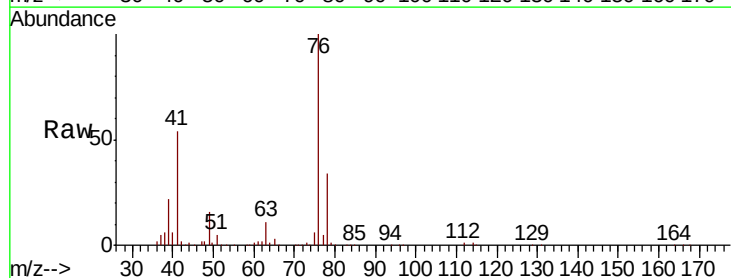
Delta R.T. 0.01 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Tgt Ion: 76 Resp: 74724

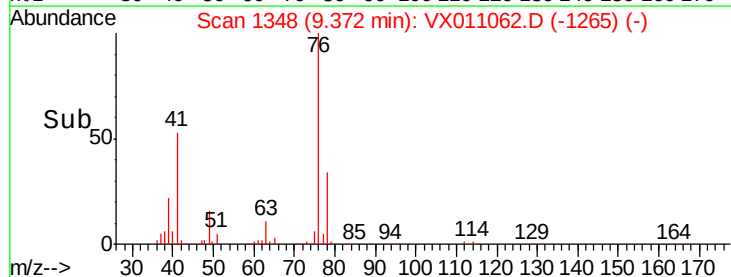
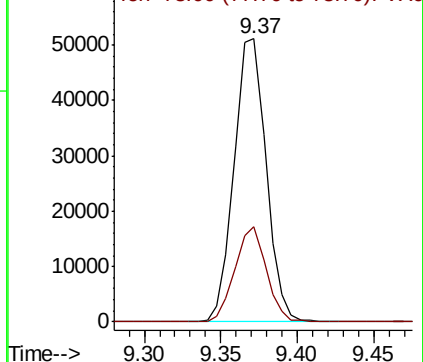
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	63.8

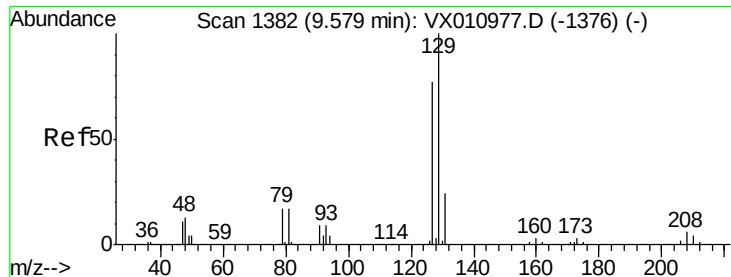


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.837 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

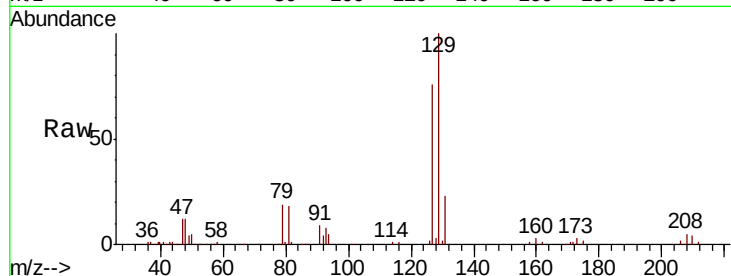
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 47124

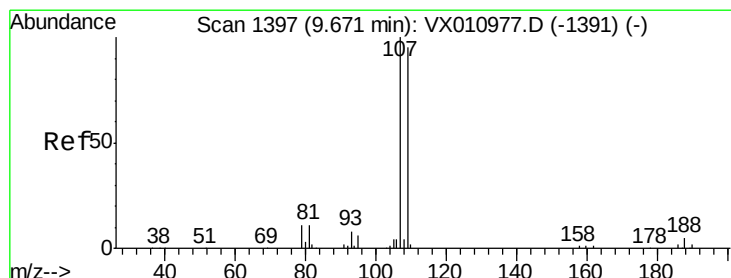
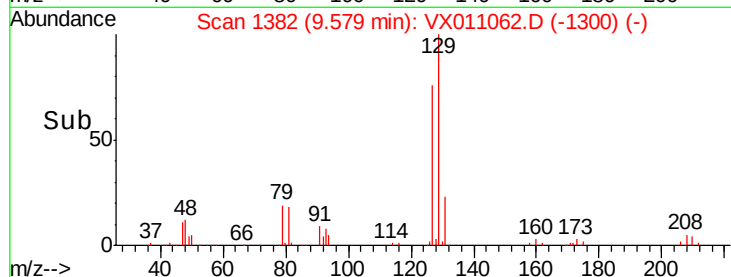
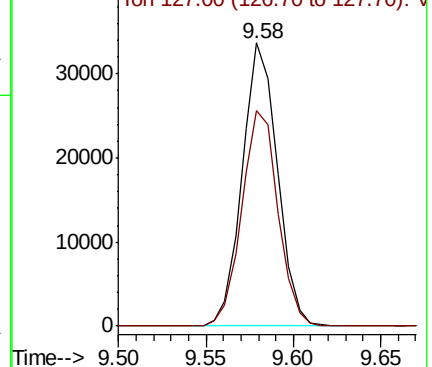
Ion Ratio Lower Upper

129 100

127 78.1 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: 19.775 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011062.D

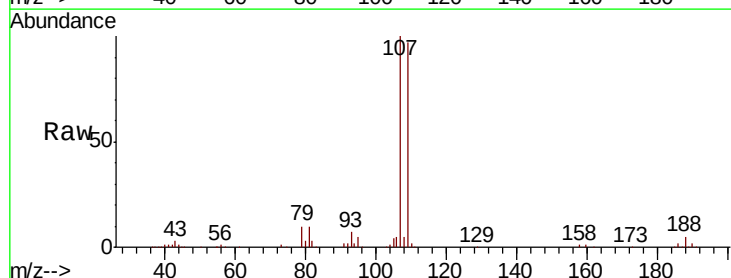
Acq: 24 Jul 2019 17:35

Tgt Ion:107 Resp: 49782

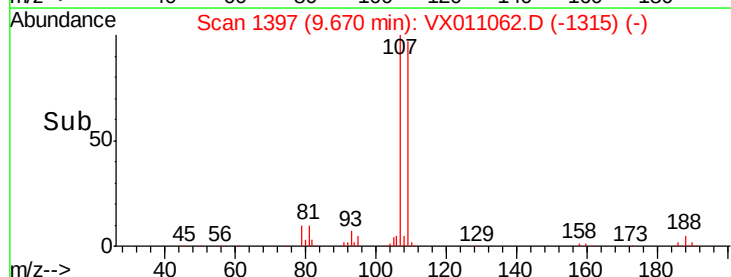
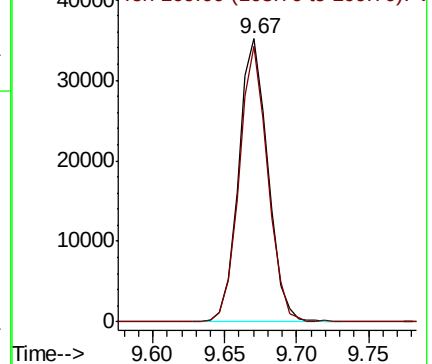
Ion Ratio Lower Upper

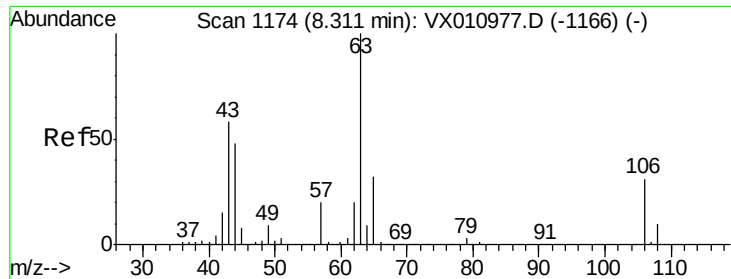
107 100

109 94.7 77.1 115.7



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

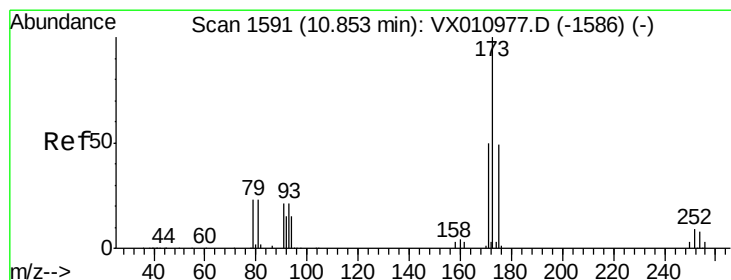
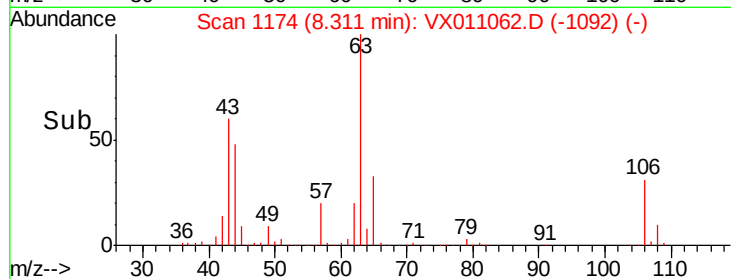
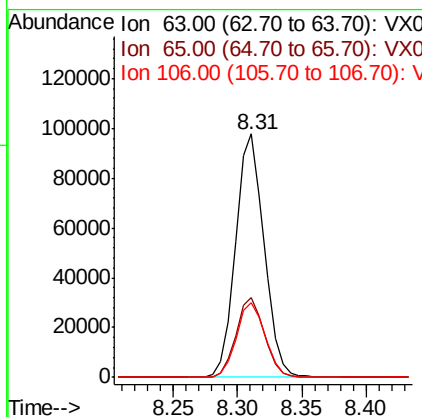
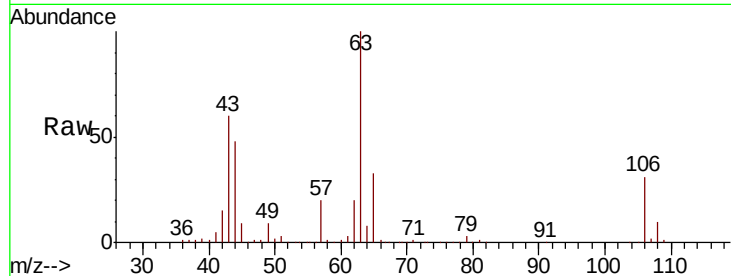




#55
2-Chloroethyl vinyl ether
Concen: 98.645 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

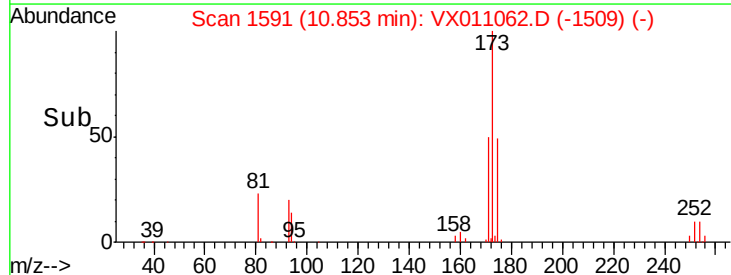
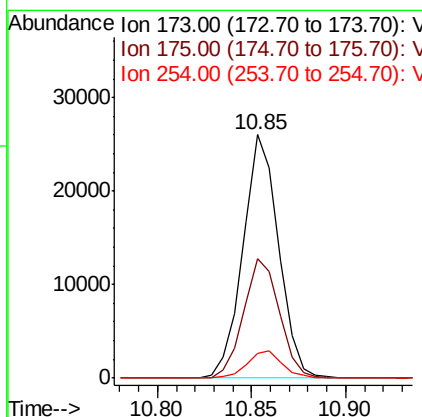
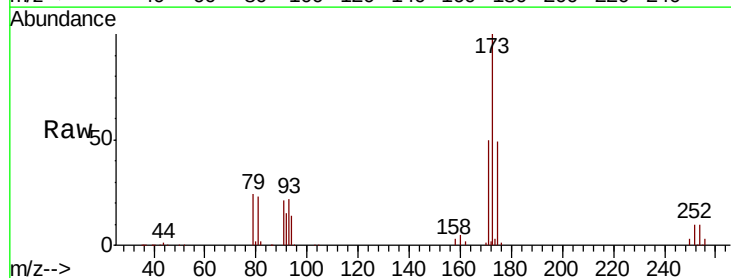
Instrument :
MSVOA_X
ClientSampleId :

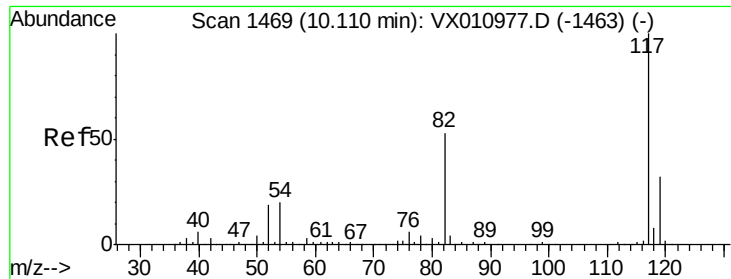
Tot Ion: 63 Resp: 149656
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 31.1 24.8 37.2



#56
Bromoform
Concen: 18.315 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 173 Resp: 34124
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.6
254 10.9 7.9 11.9

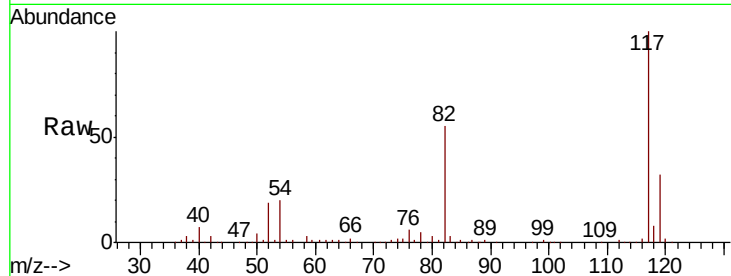




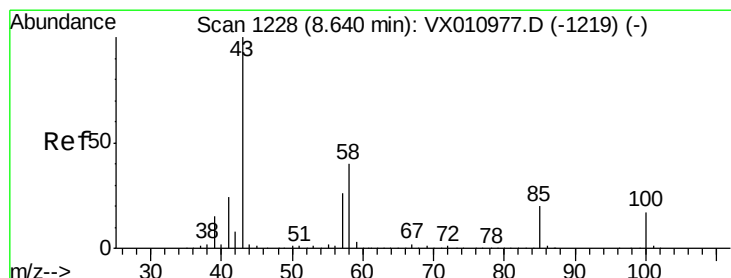
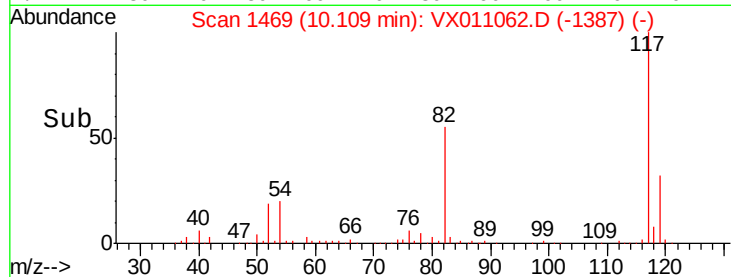
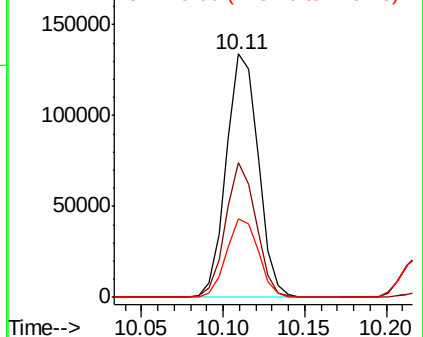
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 182865
Ion Ratio Lower Upper
117 100
82 52.8 41.6 62.4
119 32.6 26.0 39.0

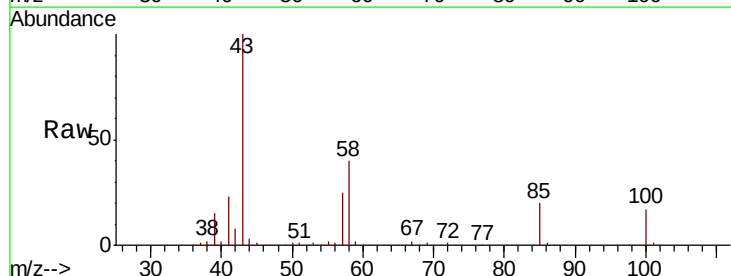


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

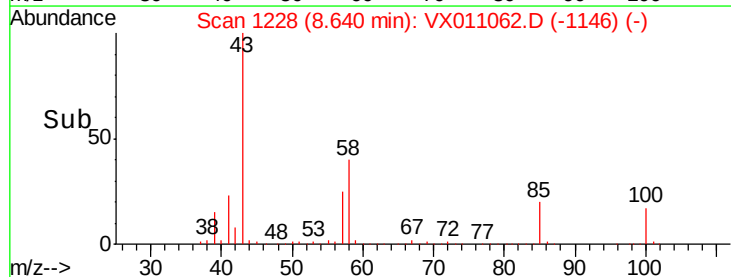
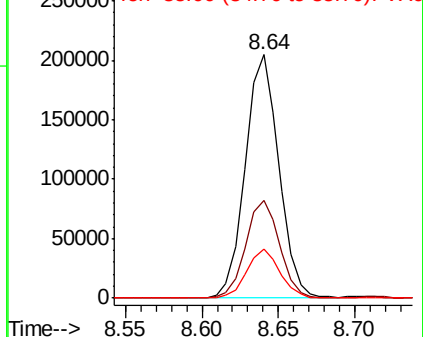


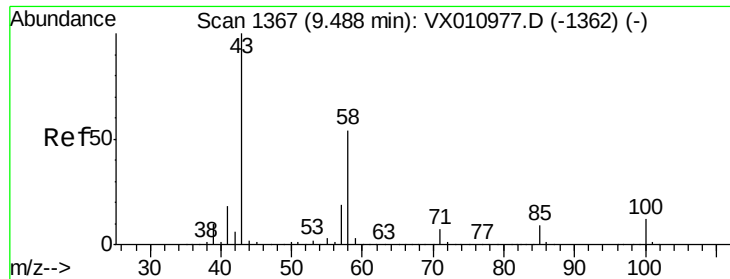
#58
4-Methyl-2-Pentanone
Concen: 100.864 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 43 Resp: 311495
Ion Ratio Lower Upper
43 100
58 40.5 32.6 48.8
85 19.6 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

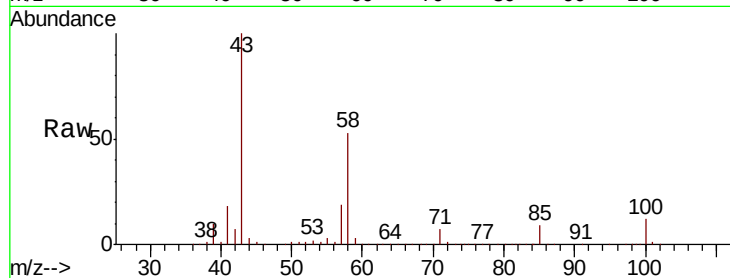




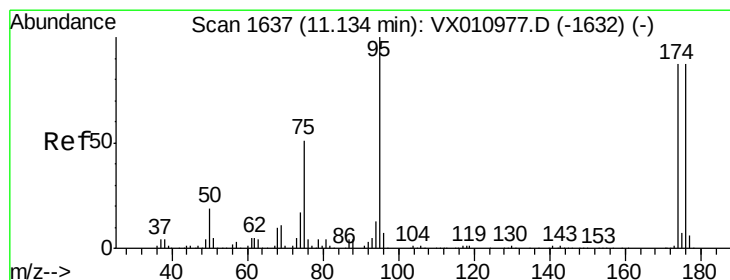
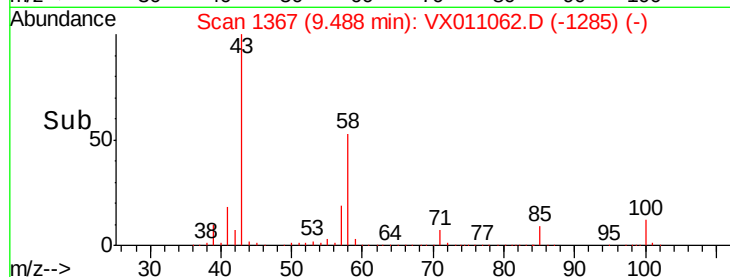
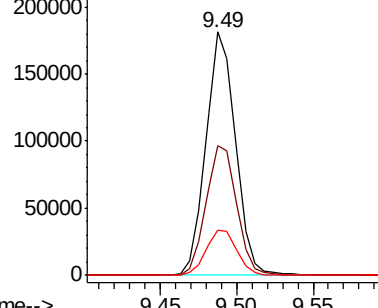
#59
2-Hexanone
Concen: 102.791 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 242914
Ion Ratio Lower Upper
43 100
58 55.4 44.7 67.1
57 19.2 15.4 23.2

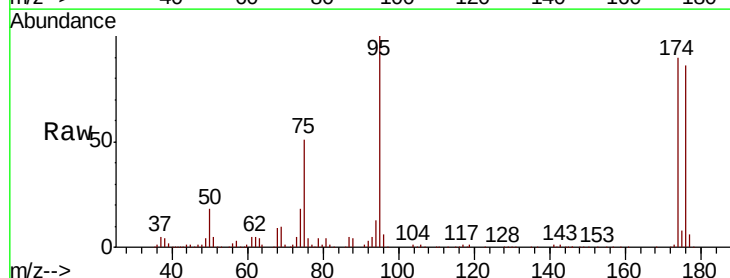


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

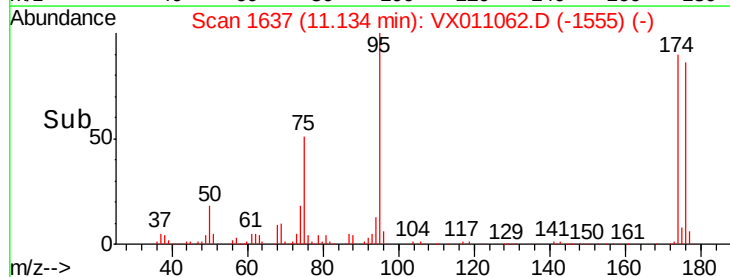
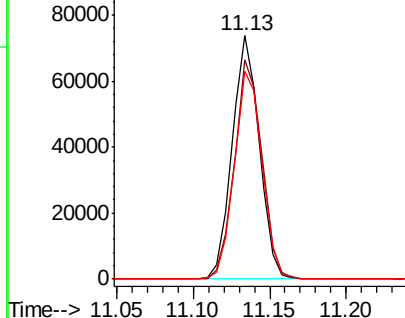


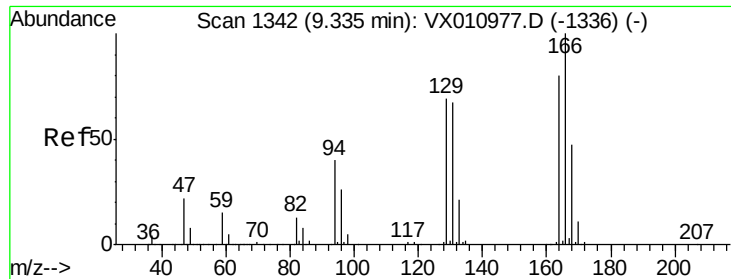
#60
4-Bromofluorobenzene
Concen: 30.129 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 95 Resp: 90680
Ion Ratio Lower Upper
95 100
174 90.8 73.3 109.9
176 87.4 71.2 106.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 20.989 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 50676

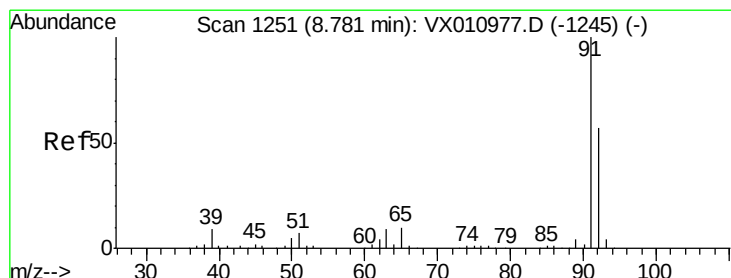
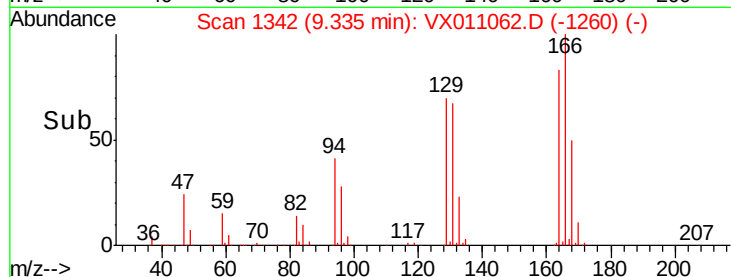
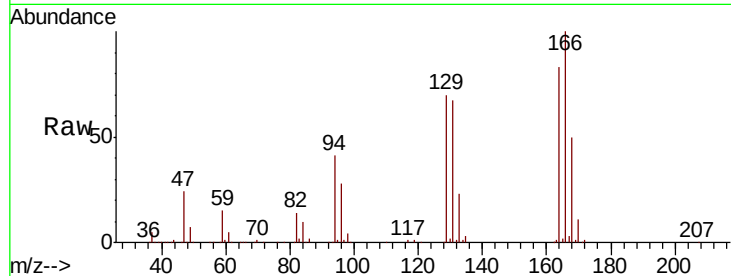
Ion Ratio Lower Upper

164 100

166 120.2 100.1 150.1

129 83.6 69.6 104.4

131 81.1 67.0 100.6



#62

Toluene

Concen: 20.189 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011062.D

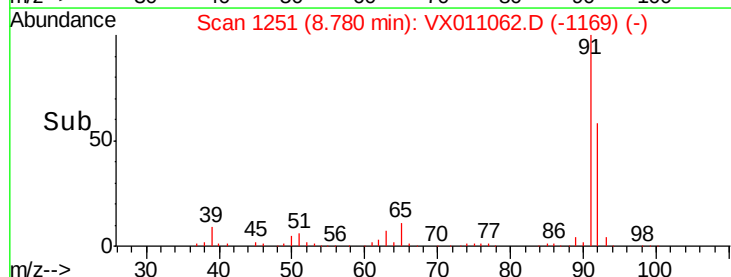
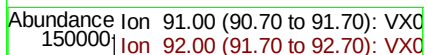
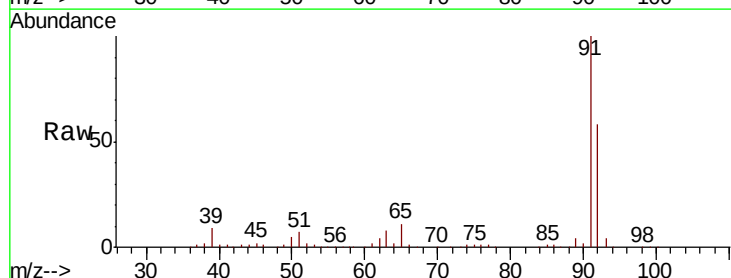
Acq: 24 Jul 2019 17:35

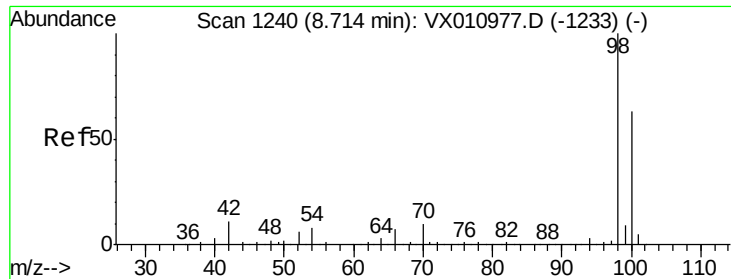
Tgt Ion: 91 Resp: 196129

Ion Ratio Lower Upper

91 100

92 57.2 45.4 68.2

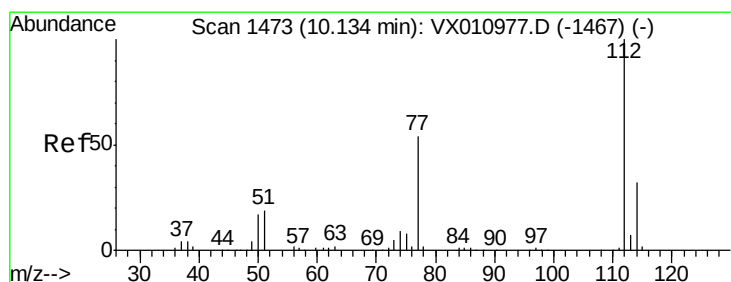
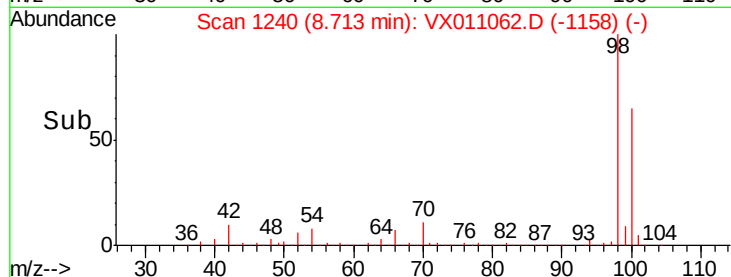
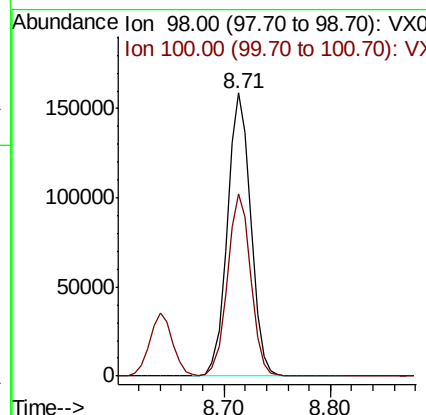
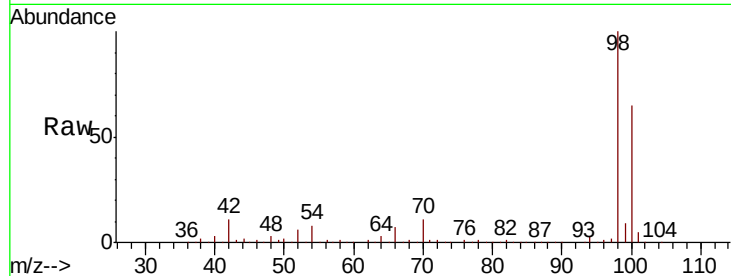




#63
Toluene-d8
Concen: 30.353 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

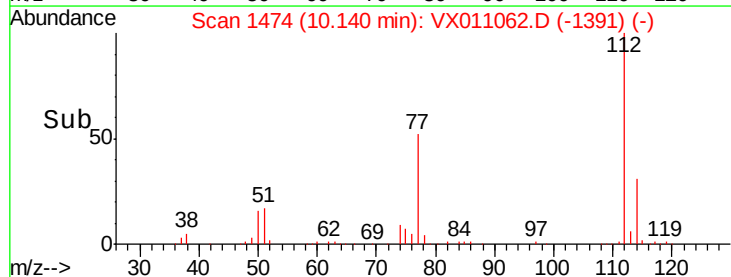
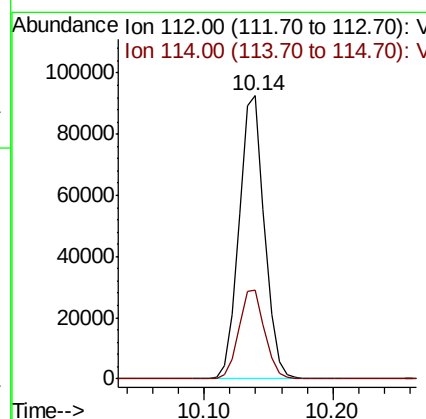
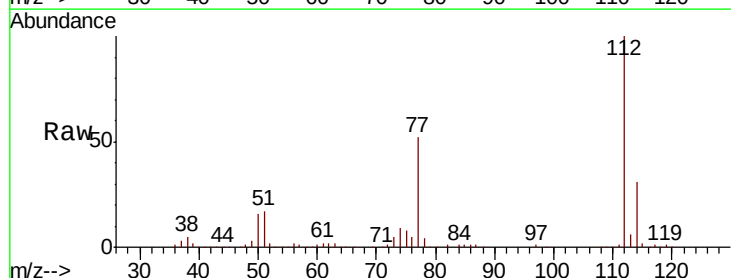
Instrument :
MSVOA_X
ClientSampleId :

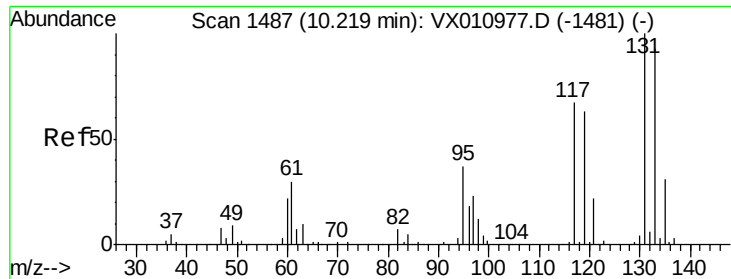
Tot Ion: 98 Resp: 243966
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#64
Chlorobenzene
Concen: 20.397 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 112 Resp: 126950
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.104 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

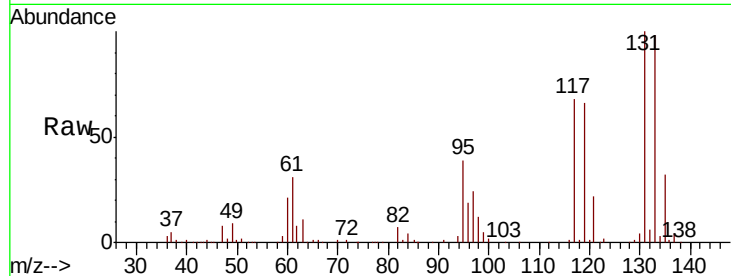
Tot Ion:131 Resp: 45476

Ion Ratio Lower Upper

131 100

133 97.1 0.0 190.2

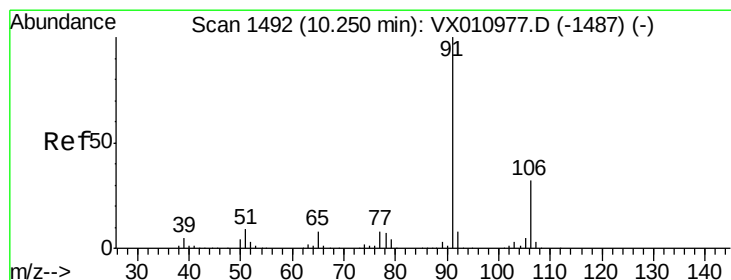
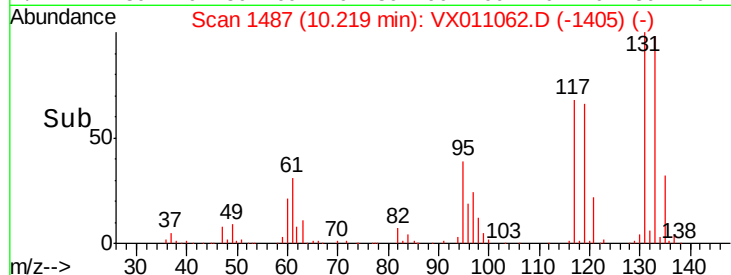
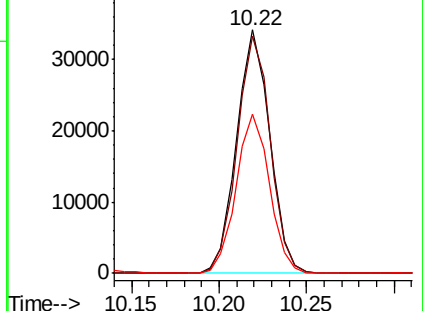
119 65.5 0.0 127.0



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: 19.995 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011062.D

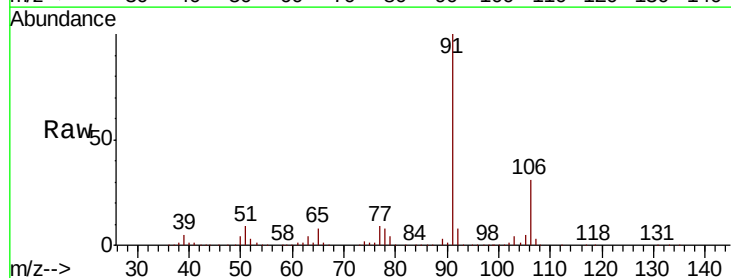
Acq: 24 Jul 2019 17:35

Tgt Ion: 91 Resp: 218672

Ion Ratio Lower Upper

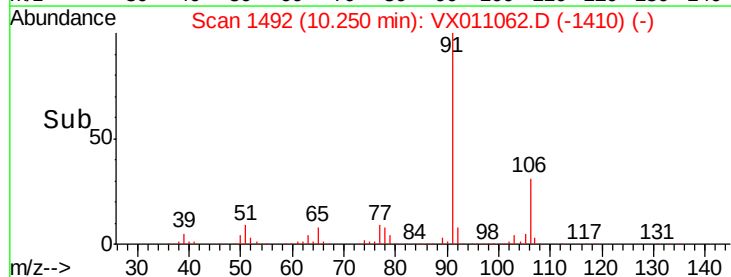
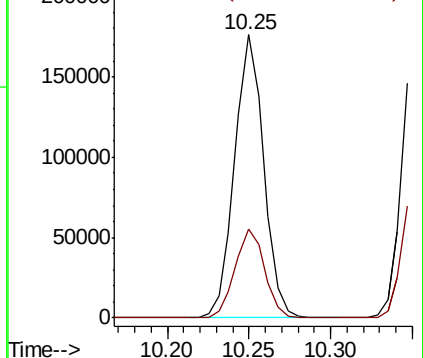
91 100

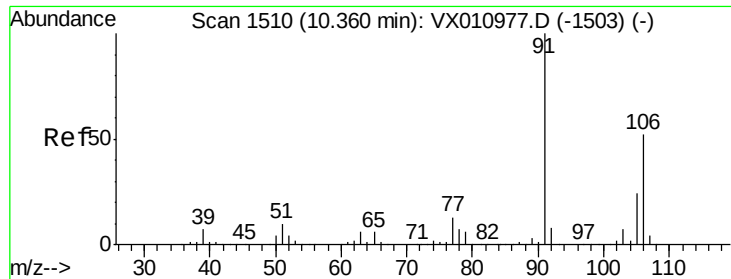
106 31.4 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

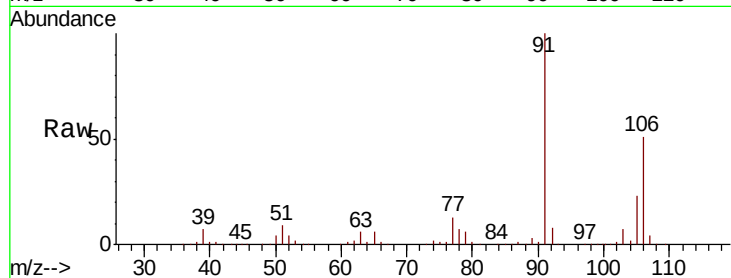




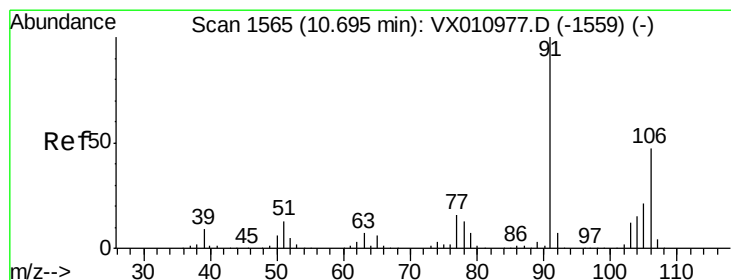
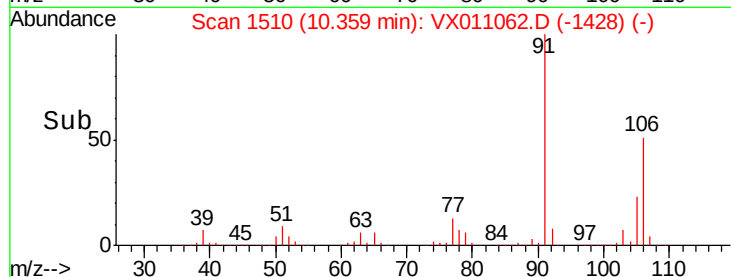
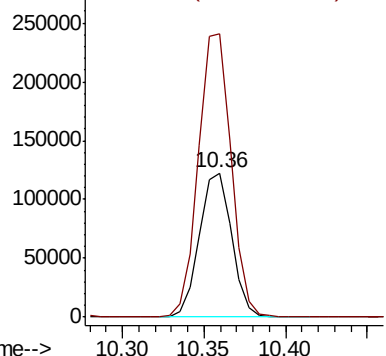
#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 168702
Ion Ratio Lower Upper
106 100
91 199.2 156.6 235.0

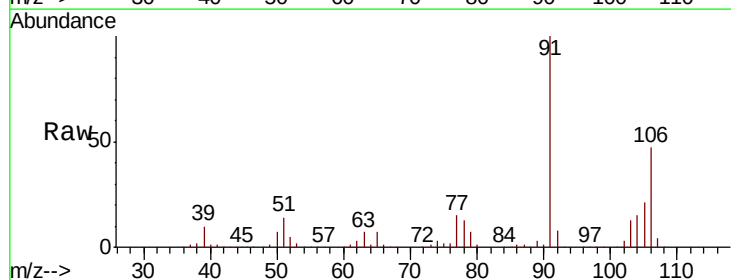


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

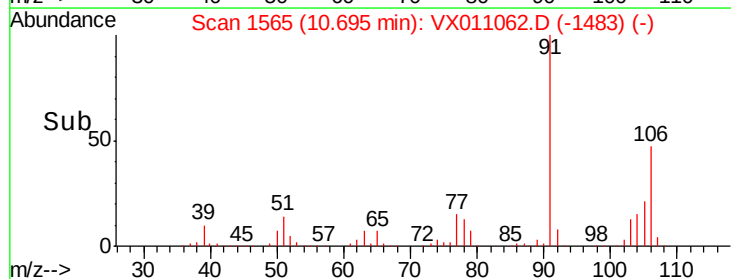
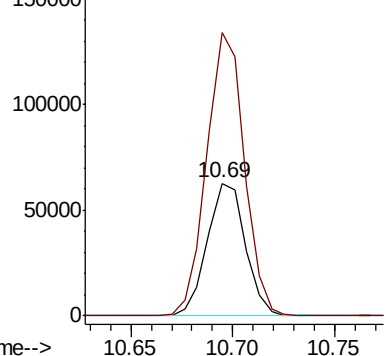


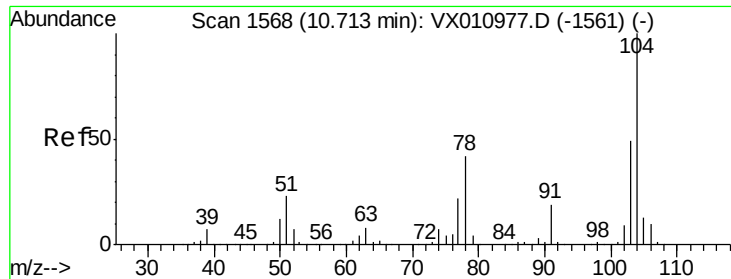
#68
o-Xylene
Concen: 19.906 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion:106 Resp: 81609
Ion Ratio Lower Upper
106 100
91 210.5 104.0 312.0



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





#69

Stvrene

Concen: 20.119 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

ClientSampled :

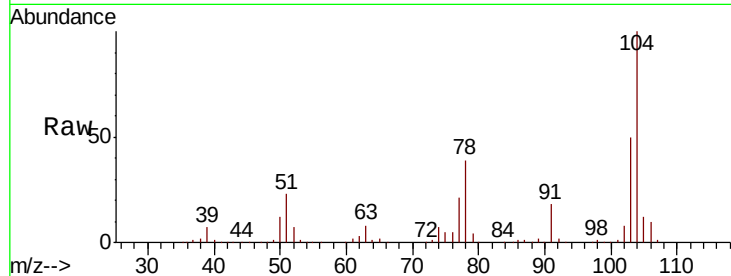
Tot Ion:104 Resp: 138646

Ion Ratio Lower Upper

104 100

78 48.1 38.5 57.7

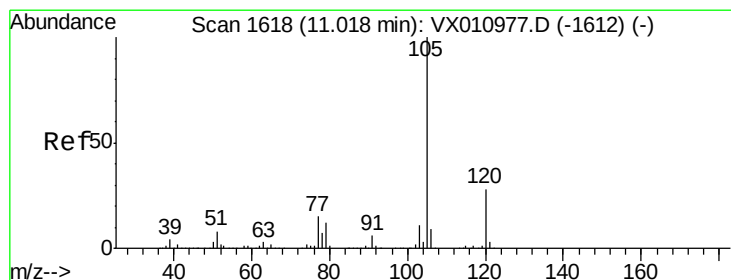
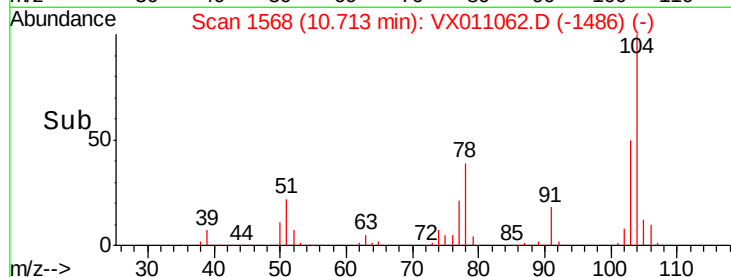
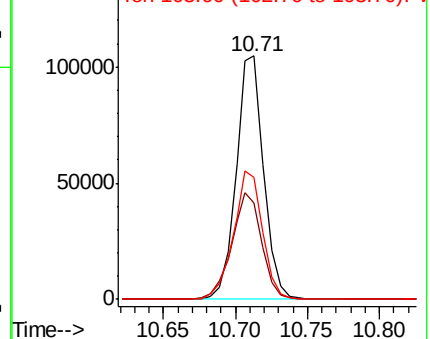
103 56.2 44.6 67.0



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: 20.471 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011062.D

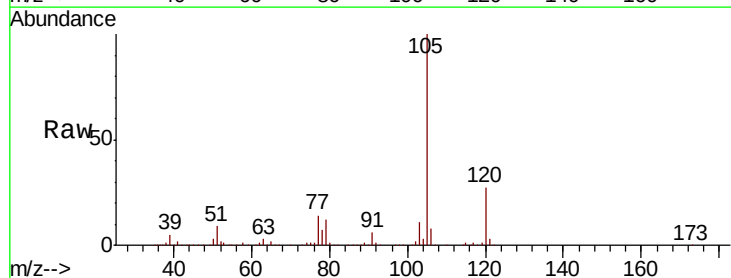
Acq: 24 Jul 2019 17:35

Tgt Ion:105 Resp: 223492

Ion Ratio Lower Upper

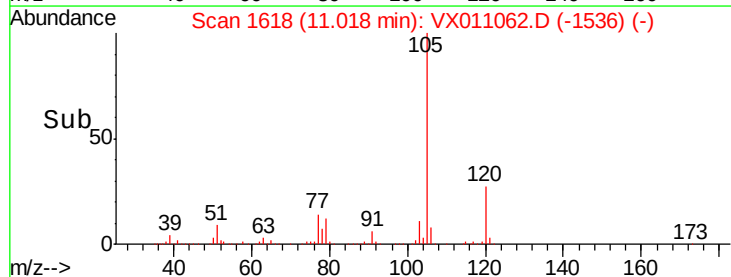
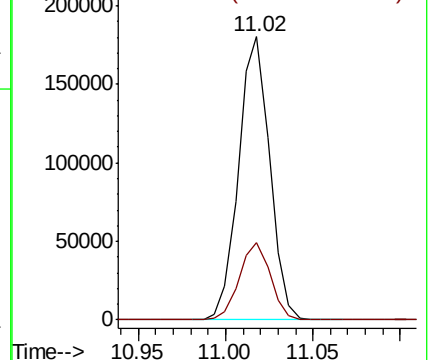
105 100

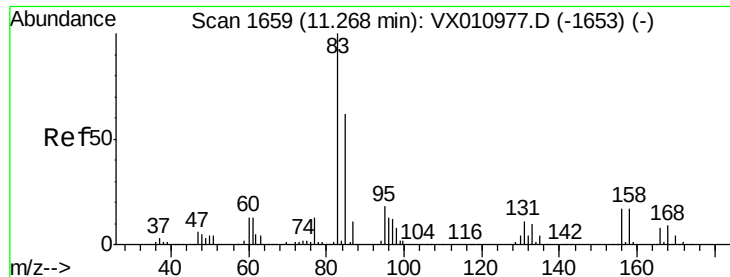
120 27.2 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

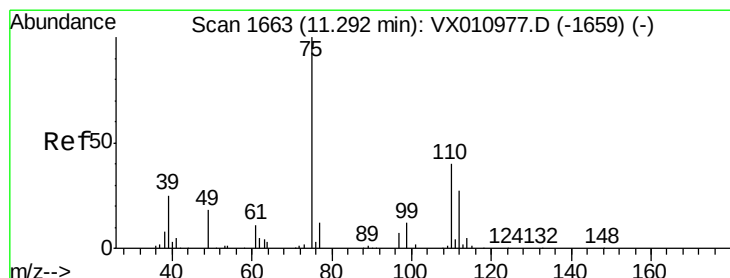
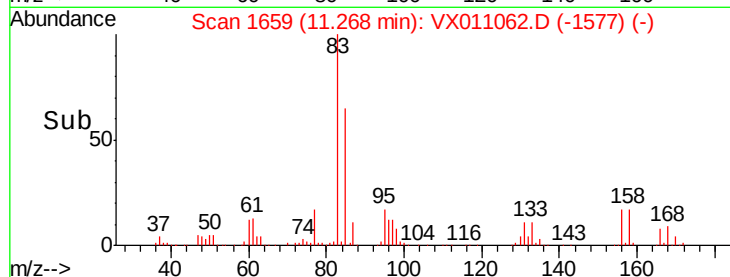
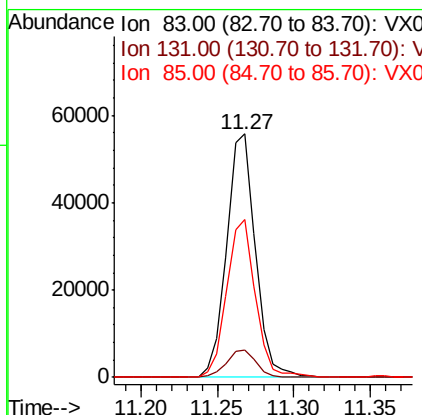
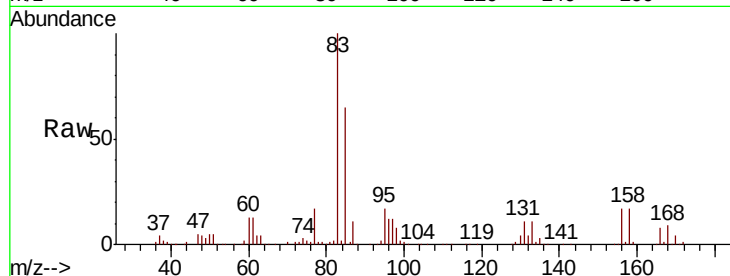




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.692 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

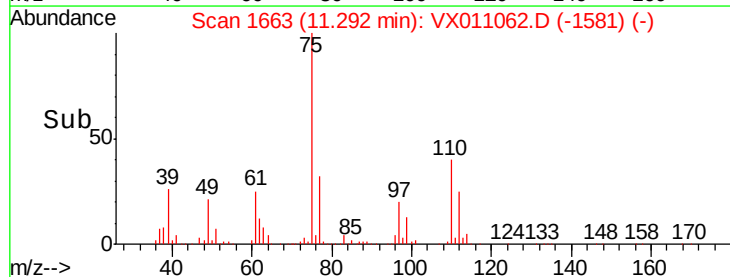
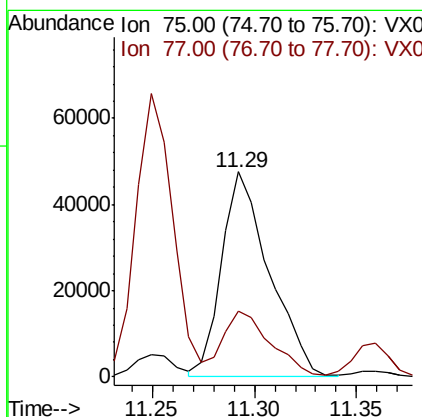
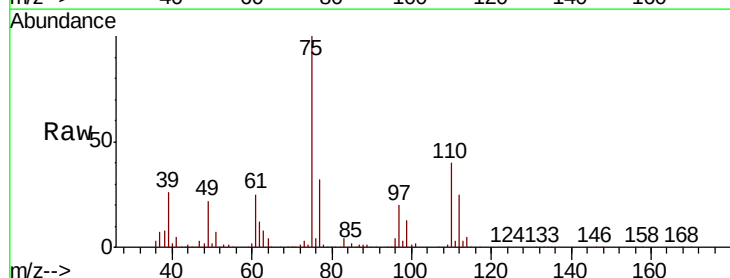
Instrument :
 MSVOA_X
 ClientSampleId :

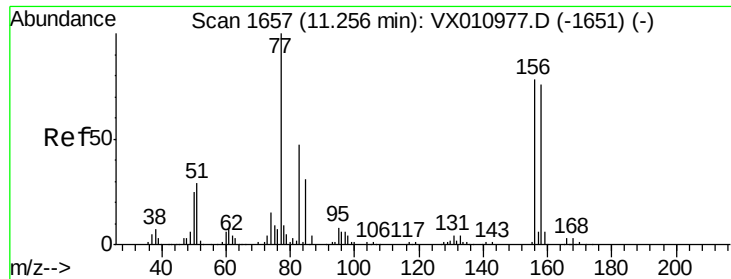
Tot Ion	83	Resp	72839
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.5	16.4
85	64.6	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 26.395 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion	75	Resp	77555
Ion Ratio	Lower	Upper	
75	100		
77	32.3	0.0	84.0





#73

Bromobenzene

Concen: 20.378 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

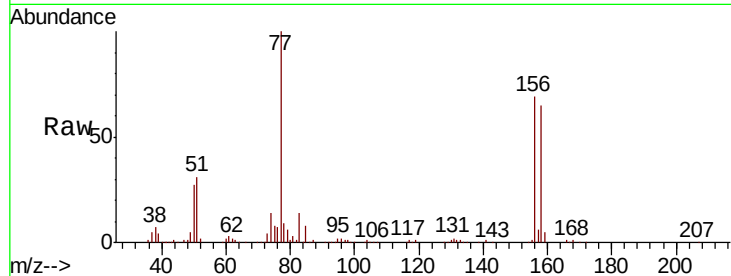
Tot Ion:156 Resp: 60024

Ion Ratio Lower Upper

156 100

77 138.2 0.0 275.8

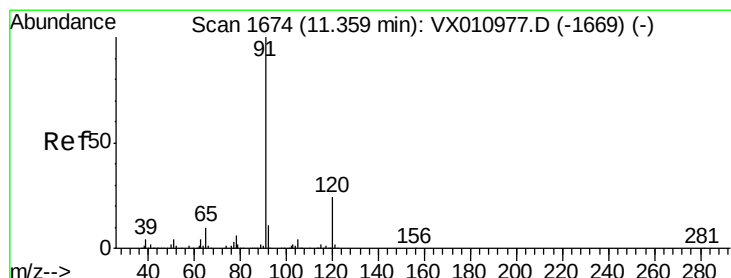
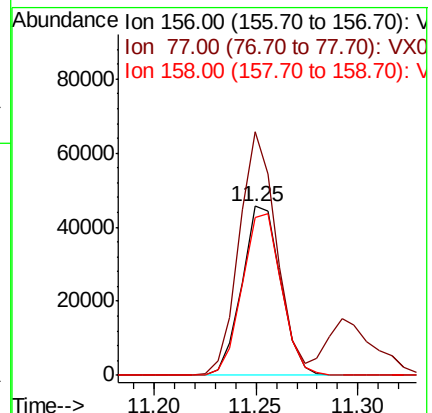
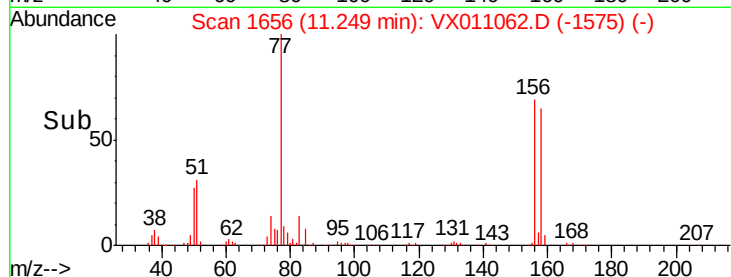
158 97.3 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.461 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011062.D

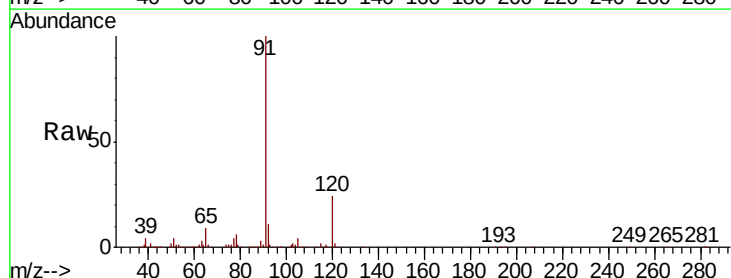
Acq: 24 Jul 2019 17:35

Tgt Ion: 91 Resp: 251402

Ion Ratio Lower Upper

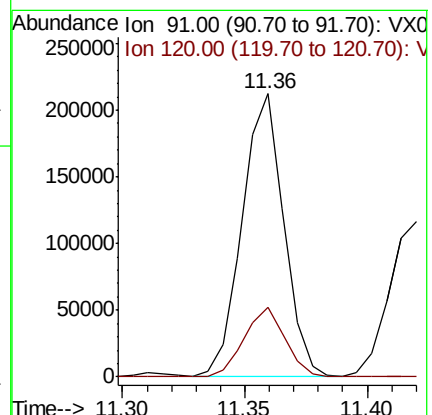
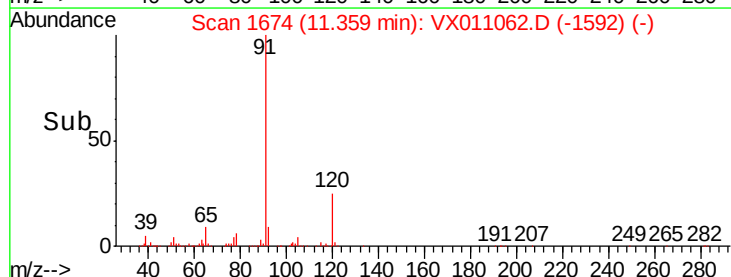
91 100

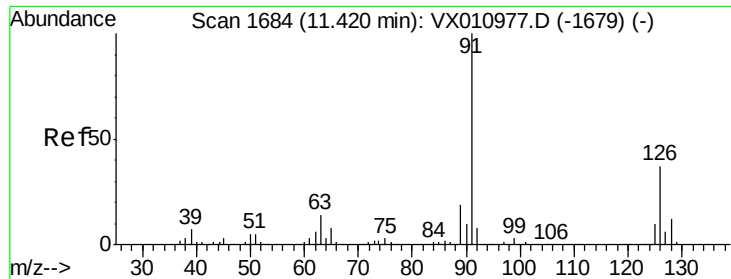
120 24.0 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.361 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

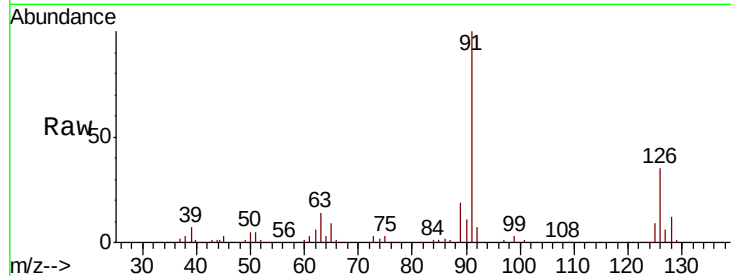
ClientSampled :

Tot Ion: 91 Resp: 148999

Ion Ratio Lower Upper

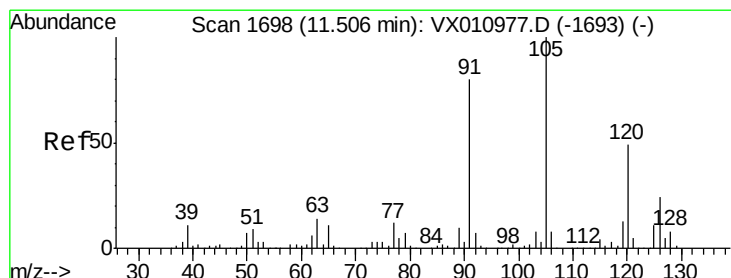
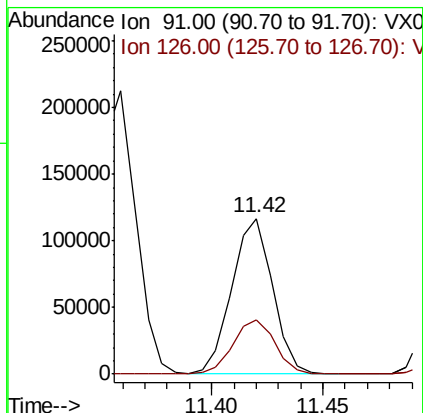
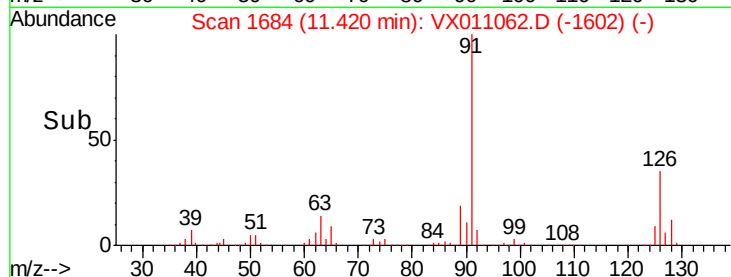
91 100

126 35.9 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX011062.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX011062.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.140 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011062.D

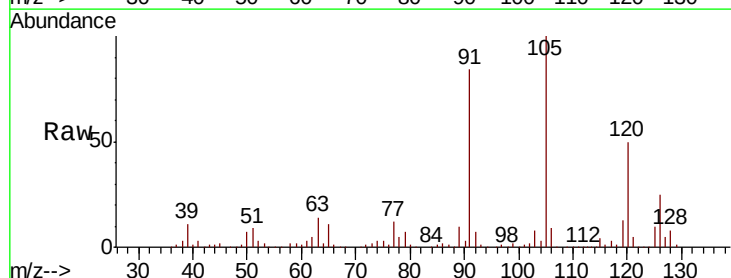
Acq: 24 Jul 2019 17:35

Tgt Ion: 105 Resp: 186108

Ion Ratio Lower Upper

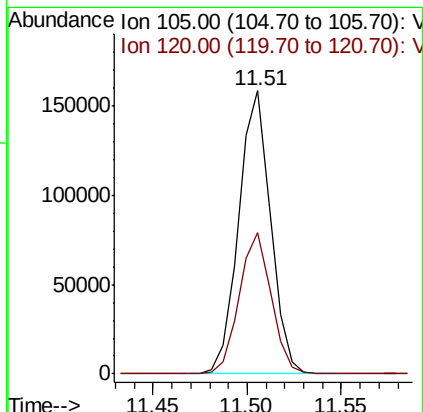
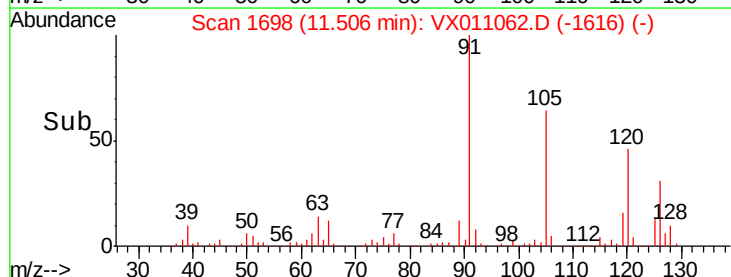
105 100

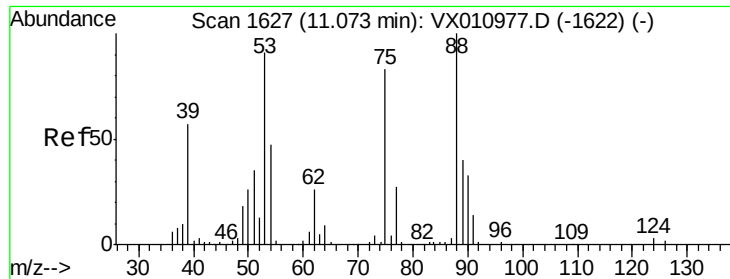
120 50.0 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX011062.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX011062.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 20.125 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011062.D

Acq: 24 Jul 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

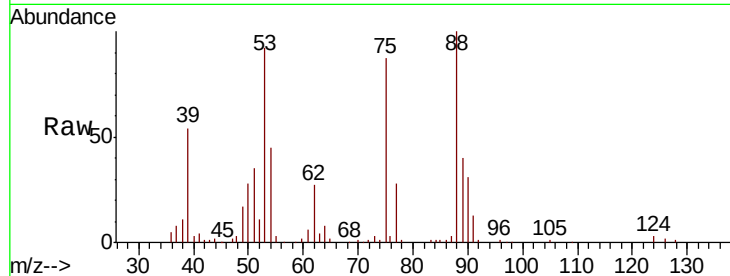
Tot Ion: 75 Resp: 19510

Ion Ratio Lower Upper

75 100

53 104.2 54.8 164.3

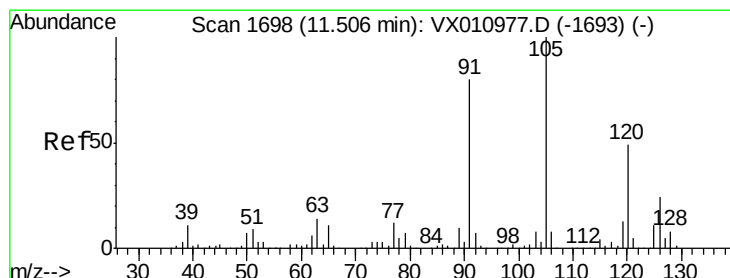
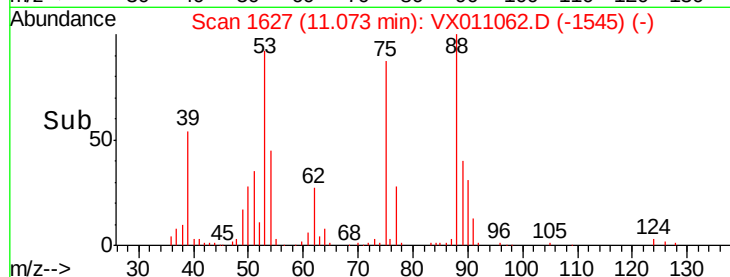
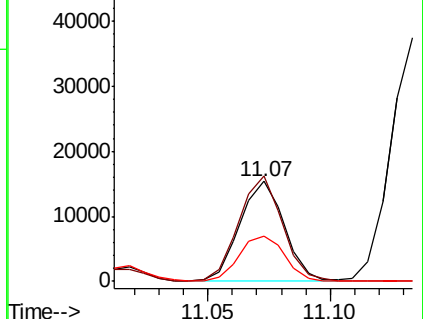
89 45.7 24.6 73.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.413 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011062.D

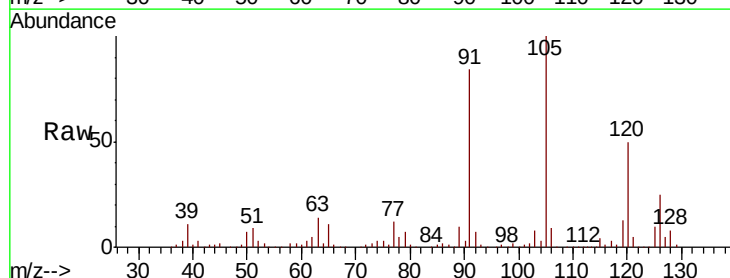
Acq: 24 Jul 2019 17:35

Tgt Ion: 91 Resp: 171558

Ion Ratio Lower Upper

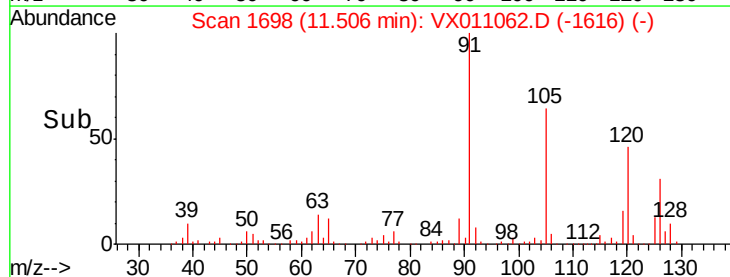
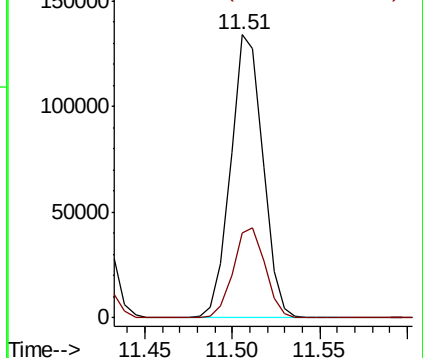
91 100

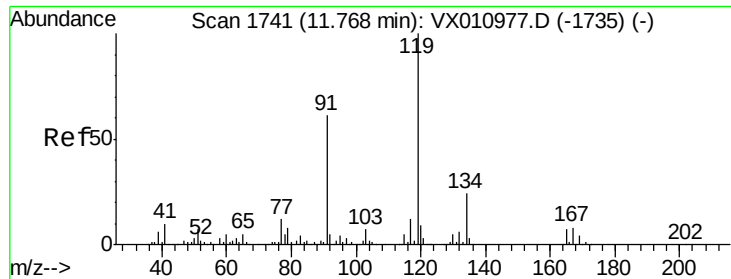
126 31.7 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

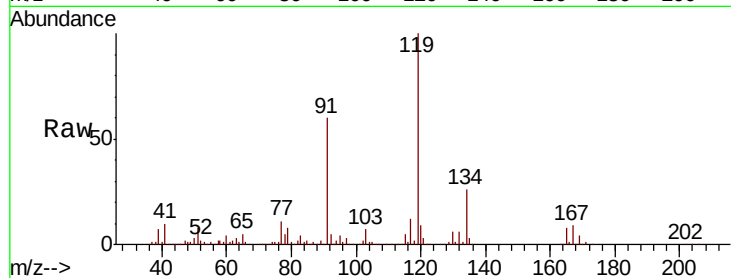




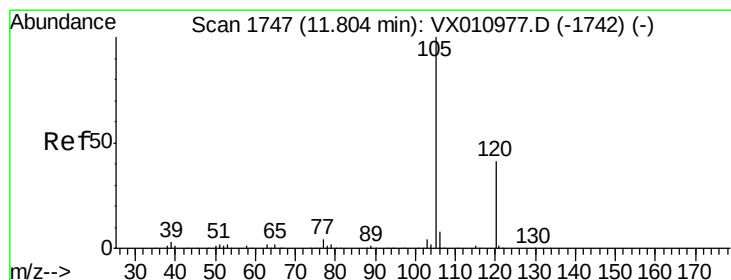
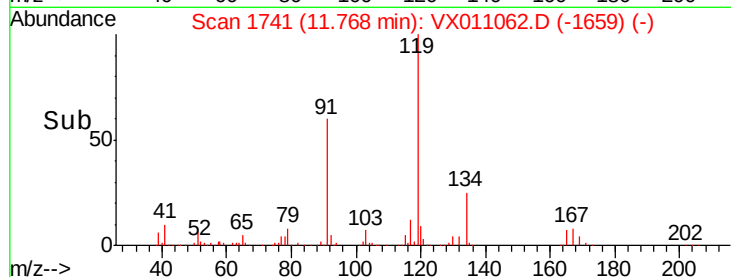
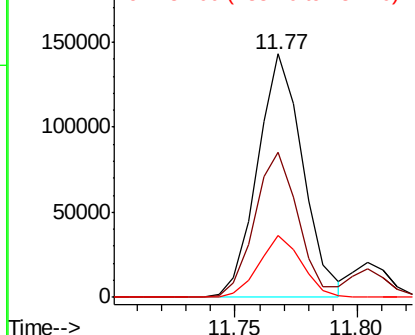
#79
tert-butylbenzene
Concen: 20.541 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 184111
Ion Ratio Lower Upper
119 100
91 57.9 0.0 118.4
134 24.1 0.0 47.4

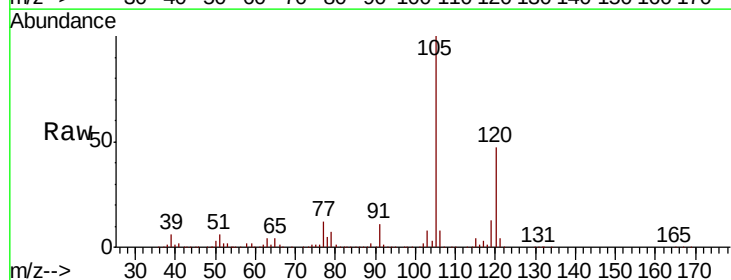


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

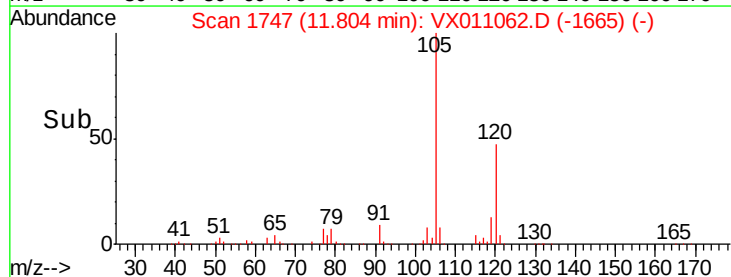
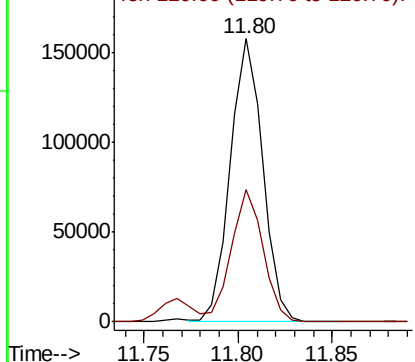


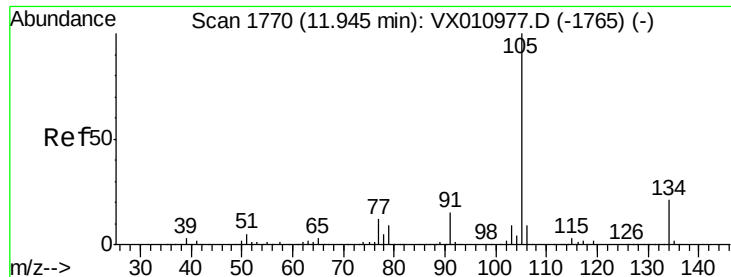
#80
1,2,4-Trimethylbenzene
Concen: 20.183 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion:105 Resp: 187817
Ion Ratio Lower Upper
105 100
120 46.5 0.0 91.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

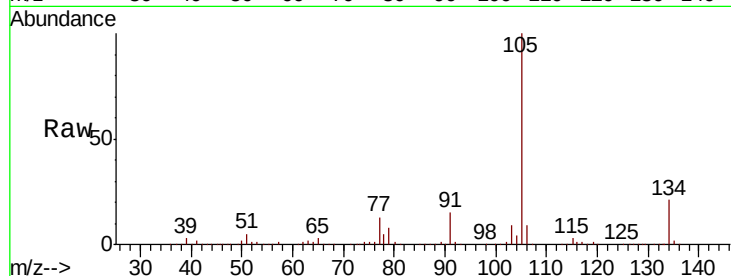




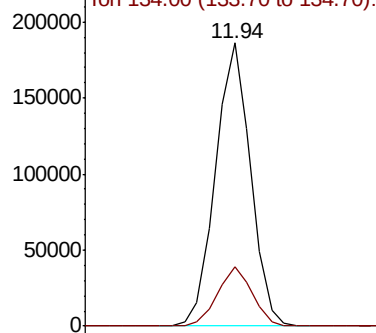
#81
 sec-Butylbenzene
 Concen: 20.950 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :

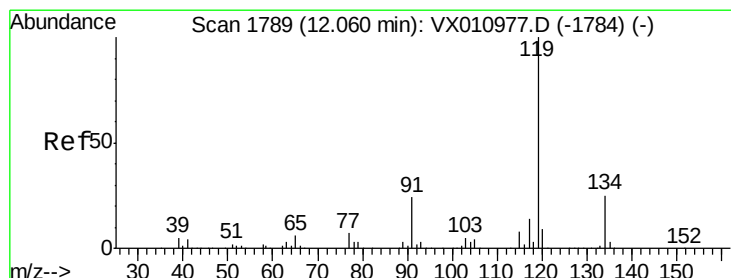
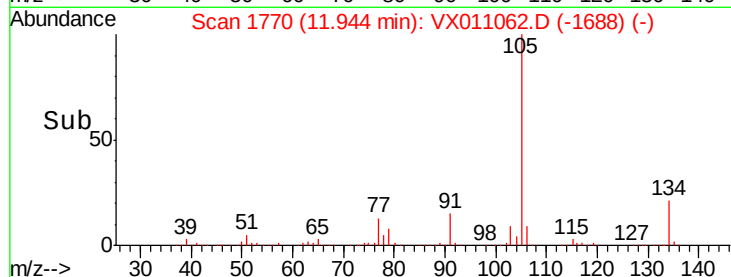
Tot Ion:105 Resp: 221350
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

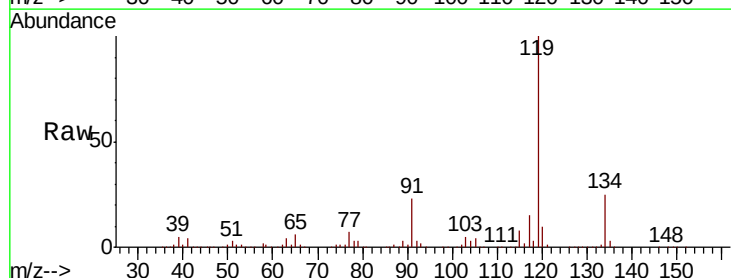


Time--> 11.90 11.95 12.00

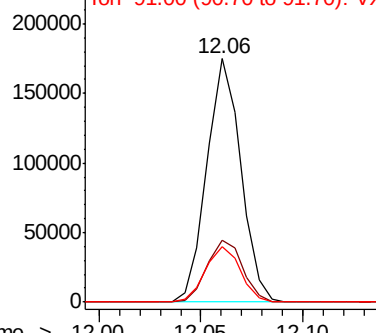


#82
 p-Isopropyltoluene
 Concen: 20.587 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

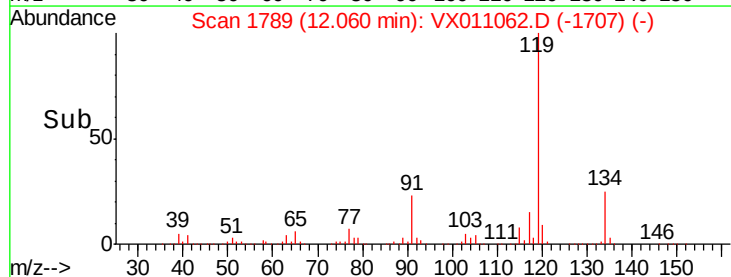
Tgt Ion:119 Resp: 201839
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.8
 91 23.7 0.0 47.0

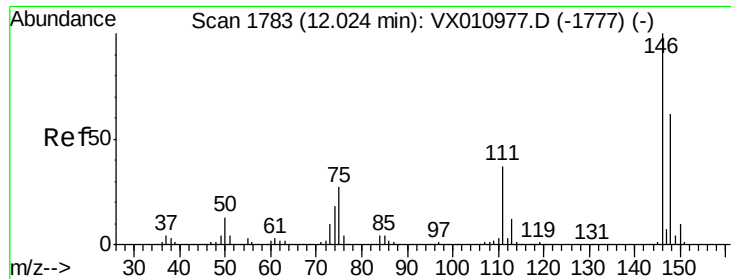


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0



Time--> 12.00 12.05 12.10

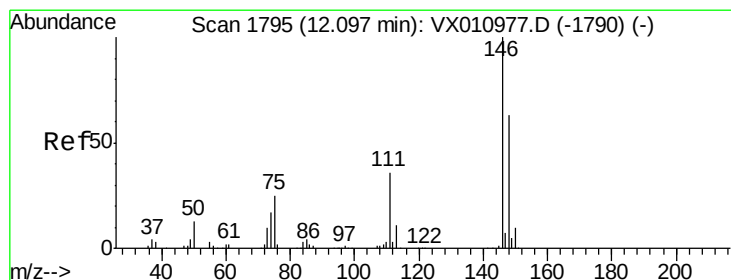
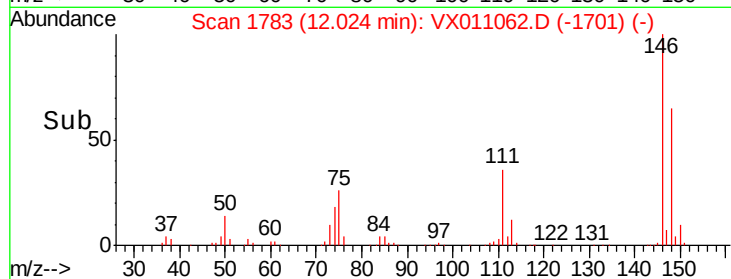
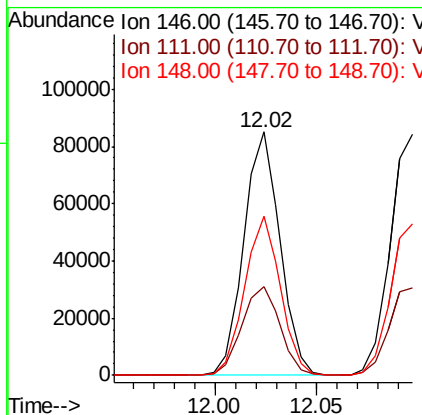
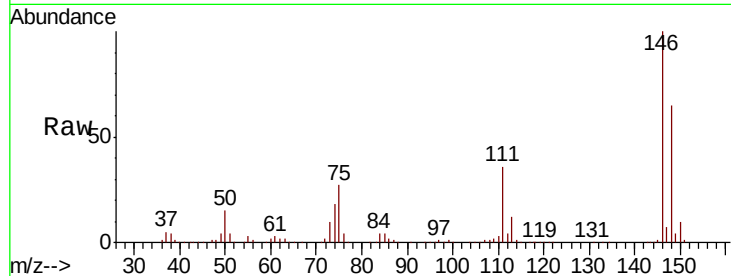




#83
 1,3-Dichlorobenzene
 Concen: 20.142 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

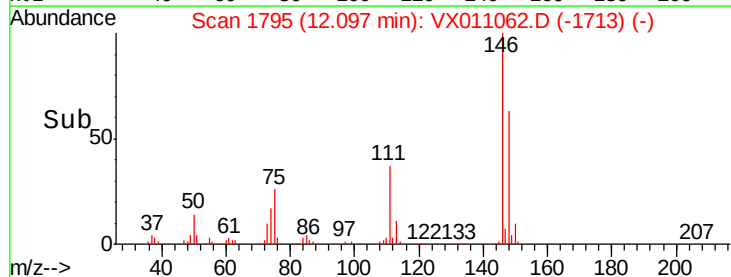
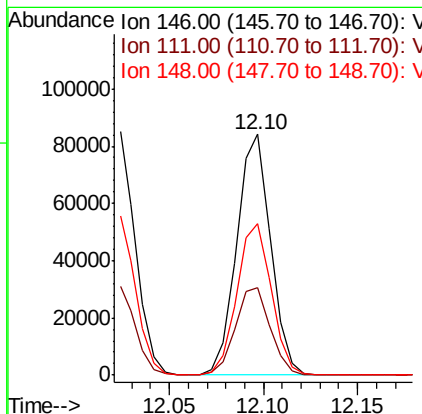
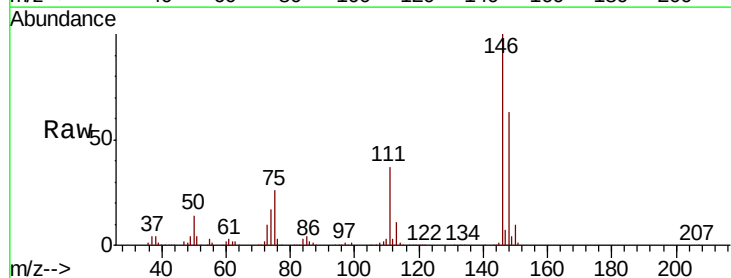
Instrument :
 MSVOA_X
 ClientSampleId :

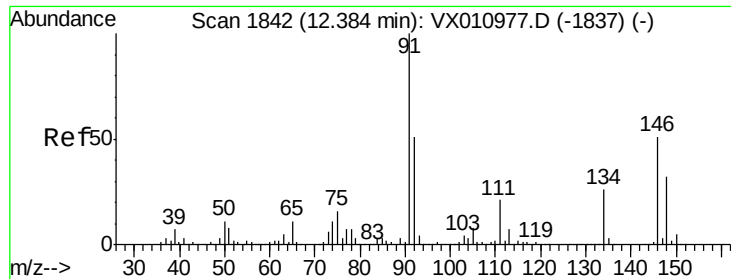
Tot Ion:146 Resp: 104737
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 64.6 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 20.342 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion:146 Resp: 105133
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.5 55.5
 148 63.9 32.0 96.0

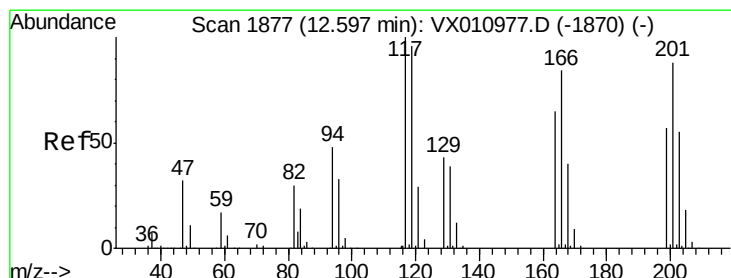
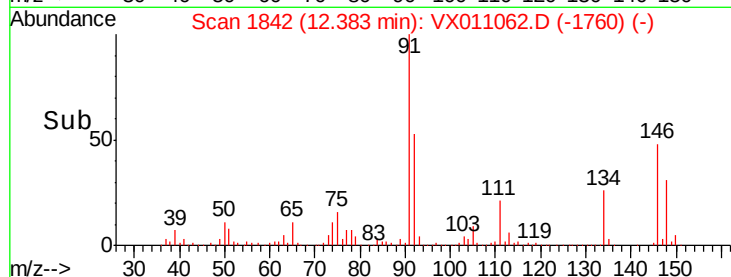
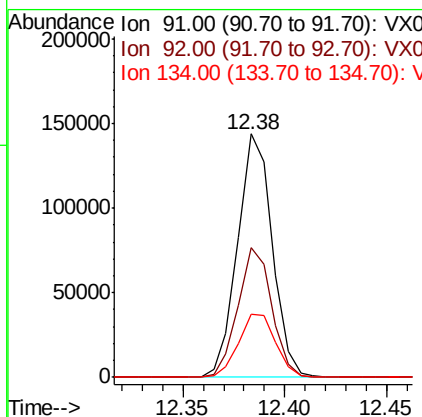
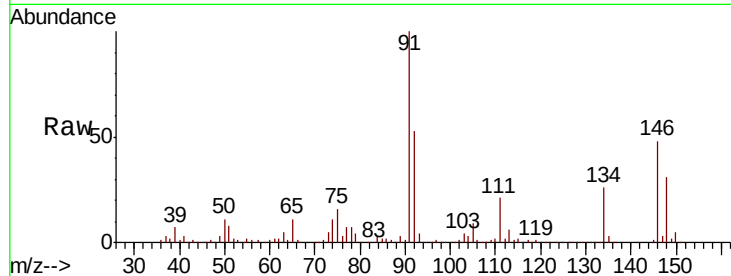




#85
n-Butylbenzene
Concen: 20.262 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

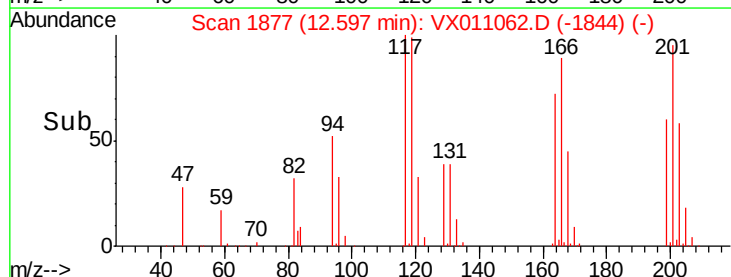
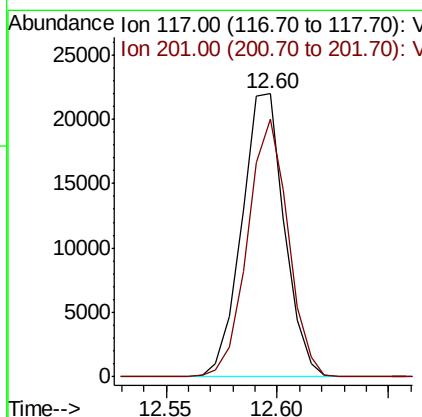
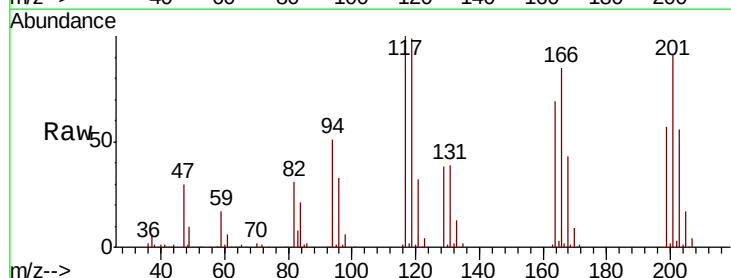
Instrument :
MSVOA_X
ClientSampleId :

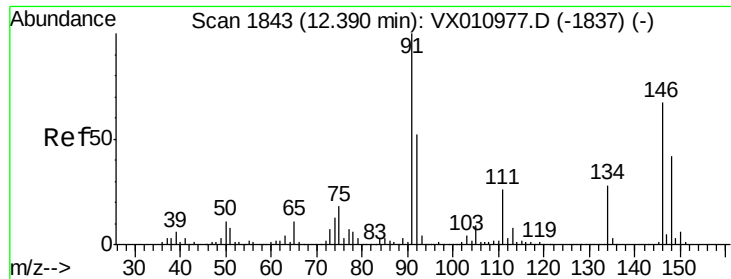
Tot Ion: 91 Resp: 169162
Ion Ratio Lower Upper
91 100
92 52.7 0.0 103.6
134 27.6 0.0 54.2



#86
Hexachloroethane
Concen: 19.049 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion: 117 Resp: 29455
Ion Ratio Lower Upper
117 100
201 86.1 42.1 126.3

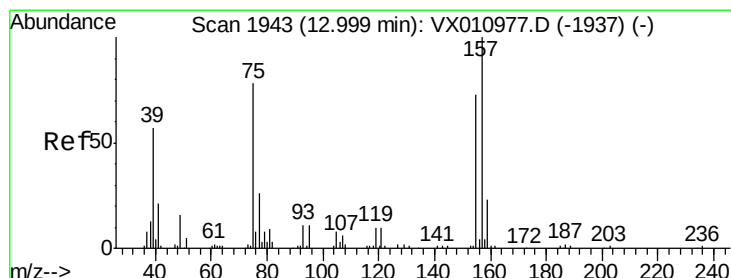
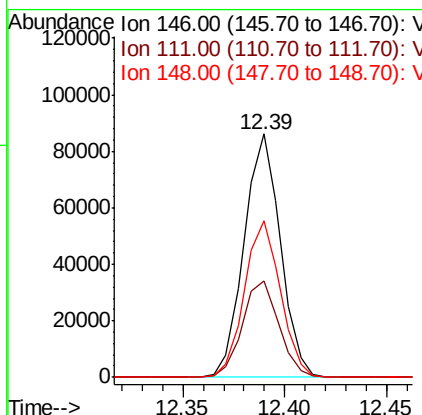
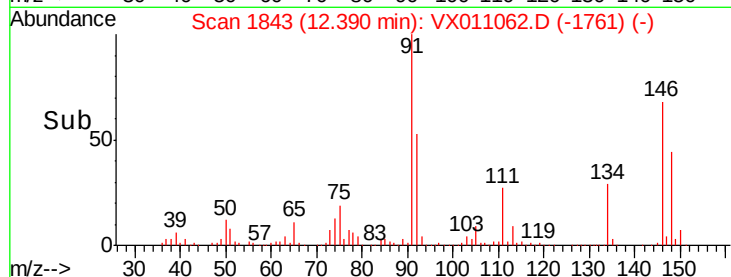
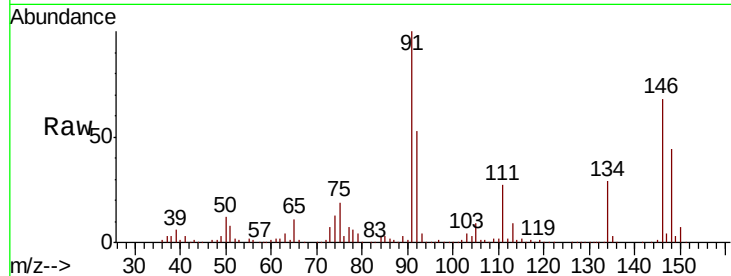




#87
 1,2-Dichlorobenzene
 Concen: 20.998 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

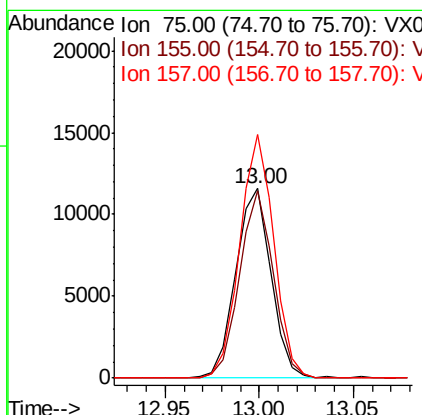
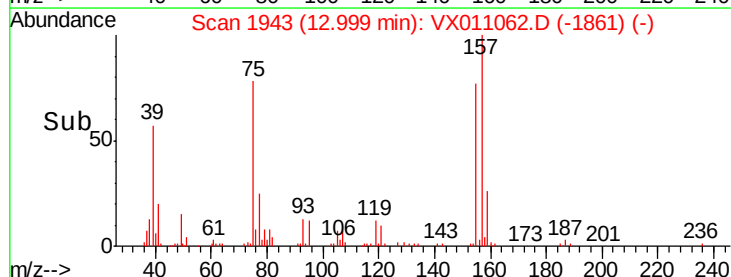
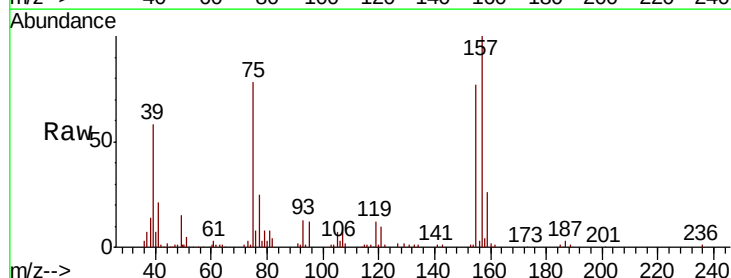
Instrument :
 MSVOA_X
 ClientSampled :

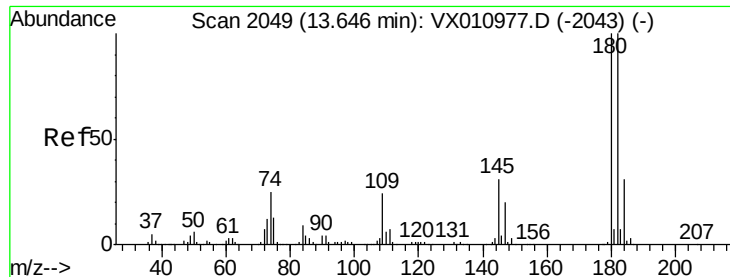
Tot Ion:146 Resp: 106901
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.5 58.5
 148 63.8 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.376 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011062.D
 Acq: 24 Jul 2019 17:35

Tgt Ion: 75 Resp: 15016
 Ion Ratio Lower Upper
 75 100
 155 94.6 76.6 115.0
 157 123.9 101.0 151.4

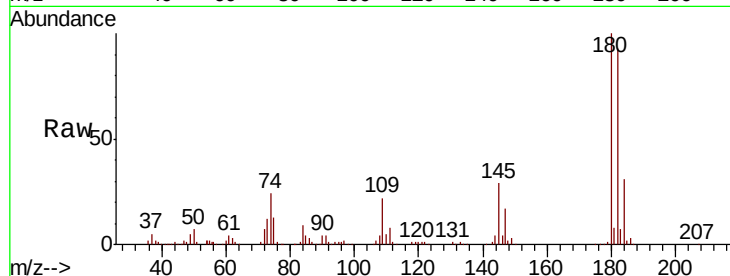




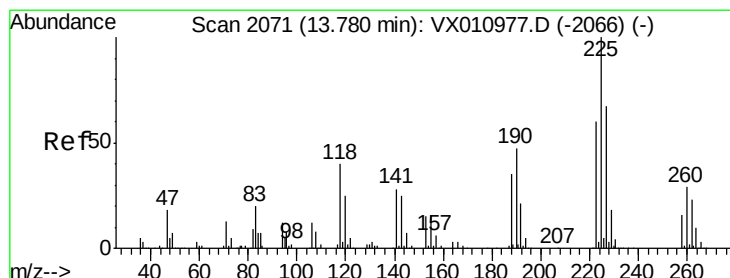
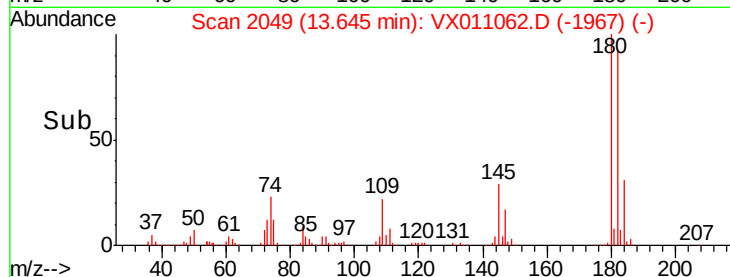
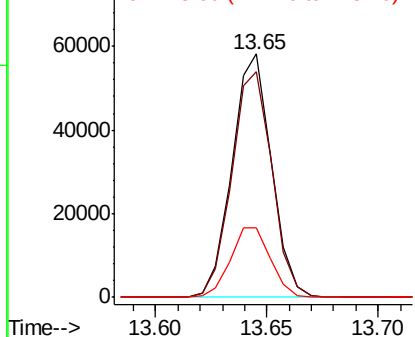
#89
1,2,4-Trichlorobenzene
Concen: 20.294 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:180 Resp: 71263
Ion Ratio Lower Upper
180 100
182 95.3 77.6 116.4
145 29.5 23.8 35.6

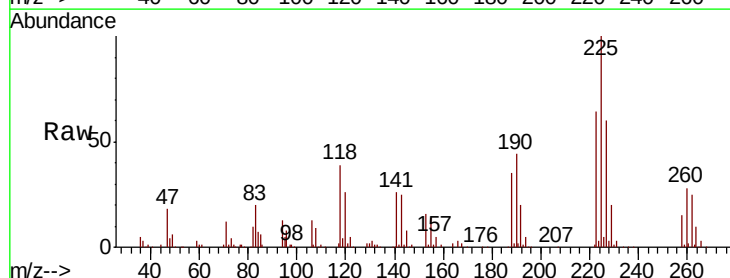


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

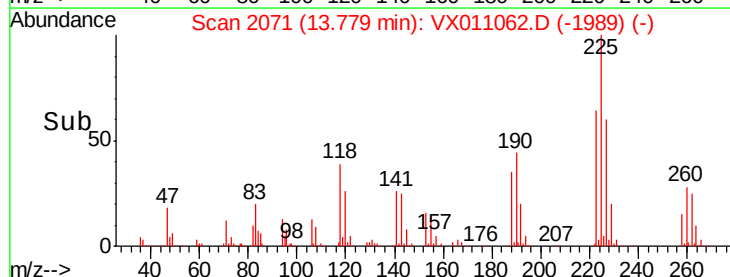
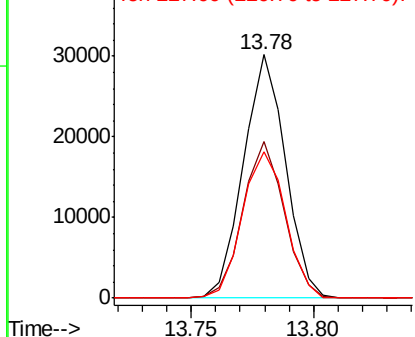


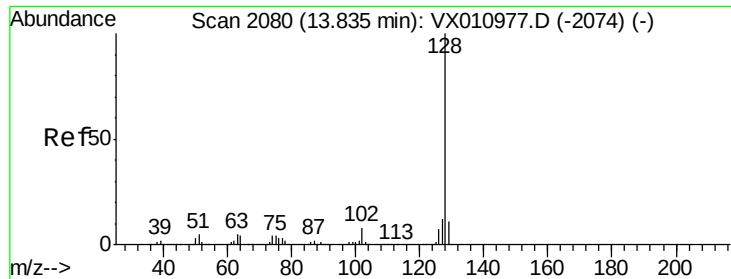
#90
Hexachlorobutadiene
Concen: 21.281 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion:225 Resp: 36131
Ion Ratio Lower Upper
225 100
223 63.2 0.0 121.4
227 62.1 0.0 126.6



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

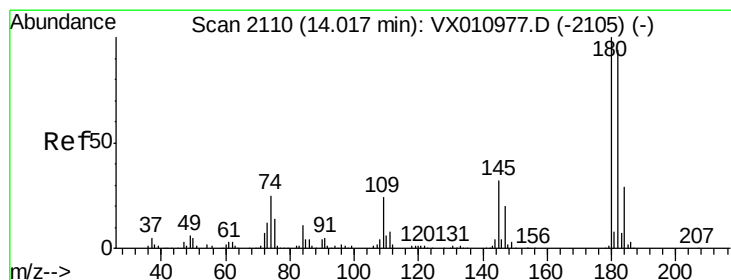
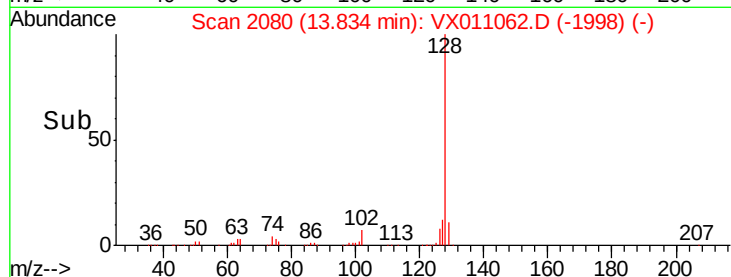
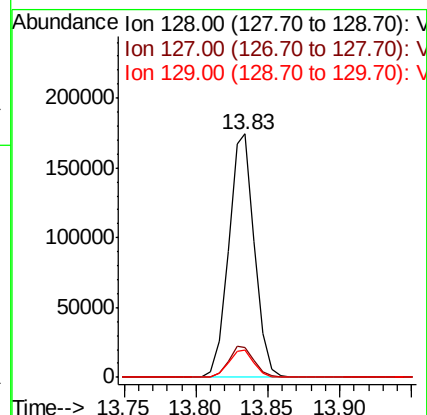
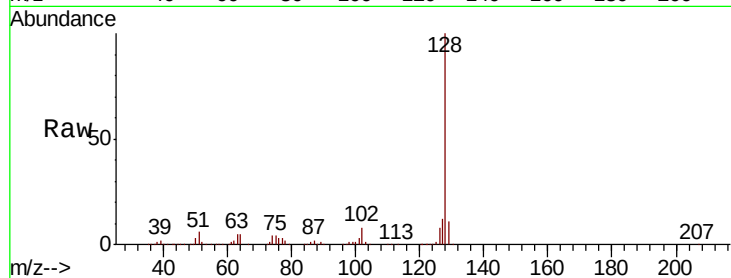




#91
Naphthalene
Concen: 20.500 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 219652
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 21.130 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011062.D
Acq: 24 Jul 2019 17:35

Tgt Ion:180 Resp: 74371
Ion Ratio Lower Upper
180 100
182 93.8 0.0 190.2
145 31.0 0.0 63.8

