

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014489.D
 Acq On : 09 Jan 2020 11:14
 Operator : JC/SP
 Sample : VX0109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 14:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	77540	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	442309	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	399524	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	164081	29.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.50%
60) 4-Bromofluorobenzene	11.13	95	195910	30.37	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.23%
63) Toluene-d8	8.71	98	540553	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	74031	18.901	ug/l 98
3) Chloromethane	1.32	50	105423	19.097	ug/l 94
4) Vinyl Chloride	1.40	62	112827	19.937	ug/l 100
5) Bromomethane	1.64	94	67191	16.242	ug/l 99
6) Chloroethane	1.72	64	73289	20.966	ug/l 100
7) Trichlorofluoromethane	1.92	101	150379	21.354	ug/l 100
8) Diethyl Ether	2.18	74	65945	20.373	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91483	21.782	ug/l 98
10) 1,1-Dichloroethene	2.37	96	86952	20.026	ug/l 96
11) Methyl Iodide	2.50	142	104248	18.650	ug/l 98
12) Methyl Acetate	2.76	43	133191	19.814	ug/l 97
13) Acrolein	2.28	56	72800	89.294	ug/l 99
14) Acrylonitrile	3.12	53	253972	96.649	ug/l 98
15) Acetone	2.43	58	86139	111.587	ug/l 97
16) Carbon Disulfide	2.56	76	230888	19.629	ug/l 99
17) Allyl chloride	2.72	41	156385	20.043	ug/l 98
18) Methylene Chloride	2.85	84	102940	19.348	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	95060	19.992	ug/l 98
20) Diisopropyl ether	3.84	45	323448	20.203	ug/l 95
21) 1,1-Dichloroethane	3.69	63	174480	20.080	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	110905	20.121	ug/l 99
23) tert-Butyl Alcohol	3.02	59	108077	104.858	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	294488	20.078	ug/l 99
25) Chloroform	5.20	83	168114	20.294	ug/l 98
26) Cyclohexane	5.57	56	161239	20.810	ug/l 99
29) 1,1-Dichloropropene	5.79	75	129968	20.342	ug/l 100
30) 2-Butanone	4.65	43	387960	103.021	ug/l 99
31) 2,2-Dichloropropane	4.57	77	141214	23.894	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	141512	20.025	ug/l 99
33) Carbon Tetrachloride	5.78	117	119525	19.897	ug/l 96
34) Benzene	6.13	78	399939	20.076	ug/l 97
35) Methacrylonitrile	5.03	41	77279	19.080	ug/l 93
36) 1,2-Dichloroethane	6.18	62	134603	19.451	ug/l 99
37) Trichloroethene	7.20	130	110950	20.468	ug/l 94
38) Methylcyclohexane	7.45	83	164939	21.643	ug/l 98
39) 1,2-Dichloropropane	7.50	63	100892	19.499	ug/l 95
40) Dibromomethane	7.65	93	65717	19.882	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 14:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	127970	19.995	ug/l	100
42) Vinyl Acetate	3.80	43	1316048	98.984	ug/l	100
43) Ethyl Acetate	4.81	43	144300	19.969	ug/l	99
44) Isopropyl Acetate	6.43	43	232468	19.208	ug/l	99
45) 1,4-Dioxane	7.72	88	48613	428.932	ug/l	99
46) Methyl methacrylate	7.76	41	111154	18.908	ug/l	97
47) n-amyl Acetate	10.89	43	194930	18.114	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	142292	20.370	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	156359	19.904	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	100866	19.773	ug/l	97
51) Ethyl methacrylate	9.17	69	153658	18.937	ug/l	96
52) 1,3-Dichloropropane	9.36	76	170622	19.687	ug/l	99
53) Dibromochloromethane	9.57	129	100577	19.718	ug/l	99
54) 1,2-Dibromoethane	9.67	107	103858	19.774	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	340983	95.330	ug/l	99
56) Bromoform	10.85	173	74538	18.739	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	723242	96.751	ug/l	100
59) 2-Hexanone	9.48	43	566856	99.923	ug/l	99
61) Tetrachloroethene	9.33	164	123538	23.374	ug/l	98
62) Toluene	8.78	91	428949	20.187	ug/l	100
64) Chlorobenzene	10.13	112	270047	20.285	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	98323	19.946	ug/l	99
66) Ethyl Benzene	10.25	91	470569	20.236	ug/l	98
67) m/p-Xylenes	10.35	106	358846	40.368	ug/l	100
68) o-Xylene	10.70	106	172542	19.593	ug/l	97
69) Styrene	10.71	104	291758	19.482	ug/l	99
70) Isopropylbenzene	11.01	105	463849	20.383	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	143820	17.821	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	168021	23.390	ug/l	94
73) Bromobenzene	11.25	156	118497	19.506	ug/l	98
74) n-propylbenzene	11.35	91	528754	20.485	ug/l	98
75) 2-Chlorotoluene	11.42	91	315671	20.241	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	388538	20.127	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	47837	20.166	ug/l	92
78) 4-Chlorotoluene	11.51	91	353226	19.820	ug/l	97
79) tert-butylbenzene	11.76	119	363716	19.547	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	378976	19.633	ug/l	98
81) sec-Butylbenzene	11.94	105	450464	20.353	ug/l	99
82) p-Isopropyltoluene	12.06	119	415847	20.820	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	211410	19.966	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	210625	19.977	ug/l	99
85) n-Butylbenzene	12.39	91	351976	20.960	ug/l	100
86) Hexachloroethane	12.59	117	68996	19.042	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	211624	19.677	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	30518	18.973	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	141813	20.631	ug/l	99
90) Hexachlorobutadiene	13.78	225	71514	21.888	ug/l	99
91) Naphthalene	13.83	128	421043	20.379	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	145173	20.822	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 09 14:35:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

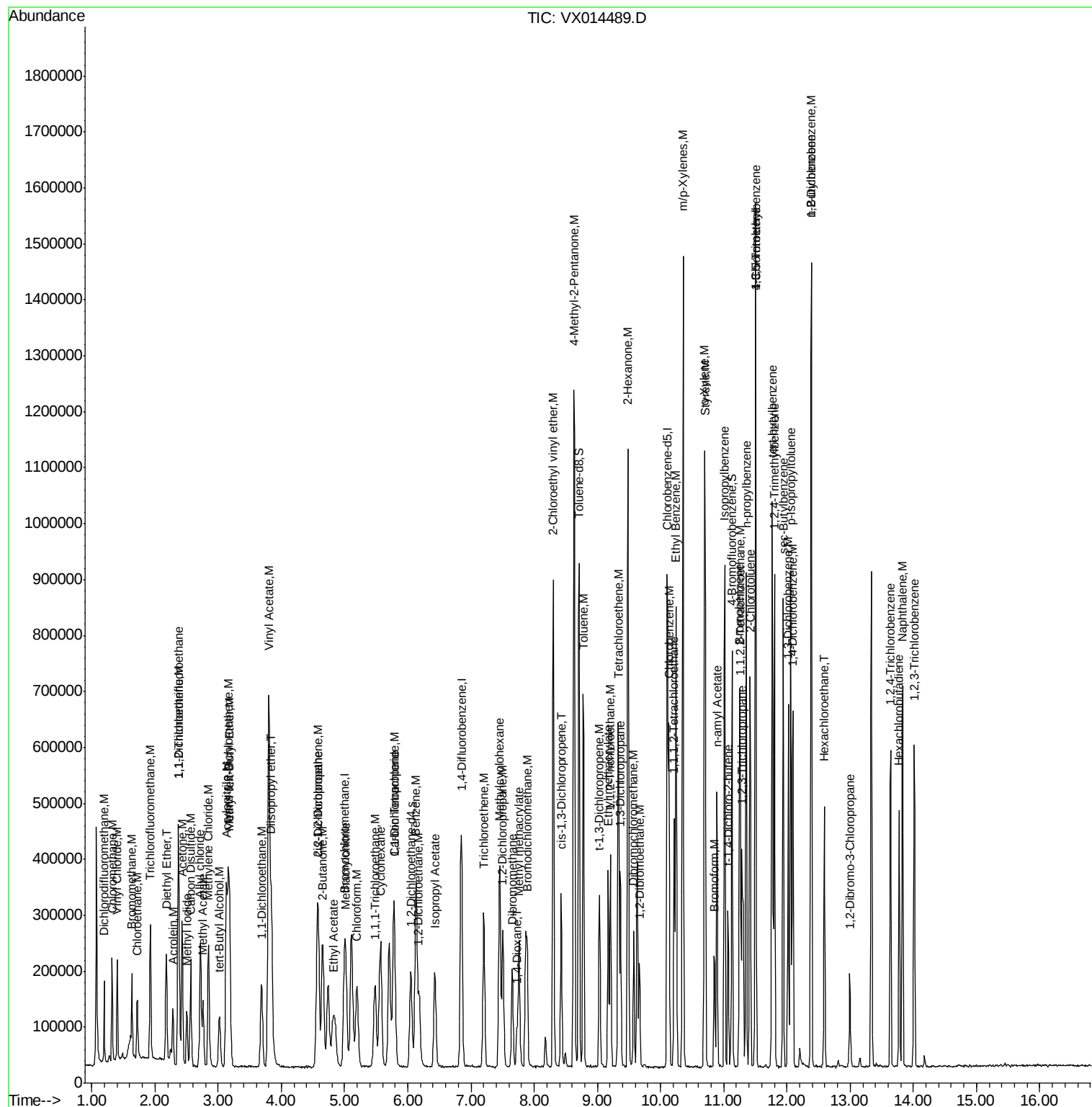
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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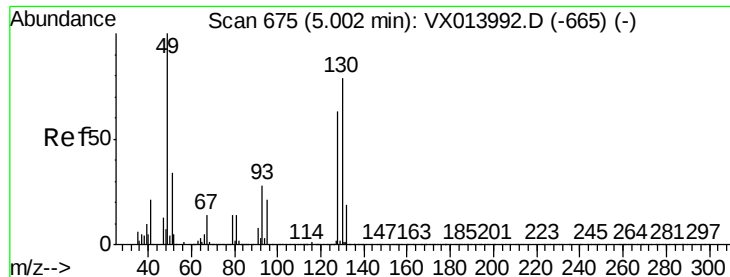
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010920\
Data File : VX014489.D
Acq On : 09 Jan 2020 11:14
Operator : JC/SP
Sample : VX0109WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jan 09 14:35:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampled :

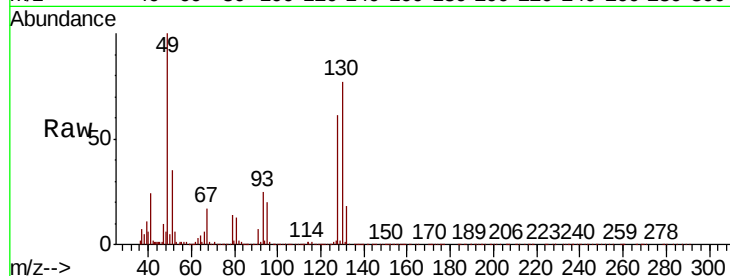
Tot Ion:128 Resp: 77540

Ion Ratio Lower Upper

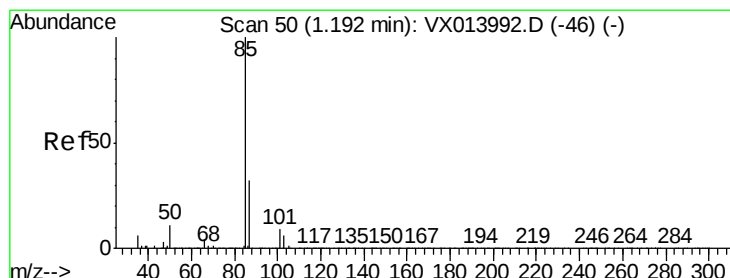
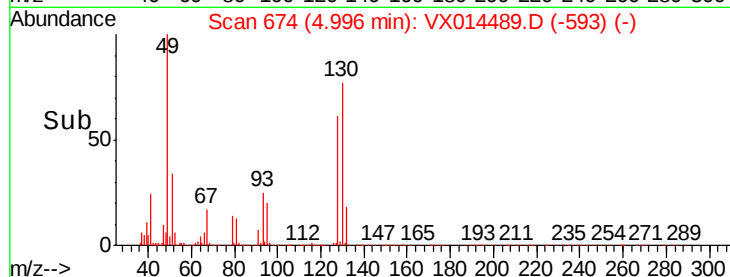
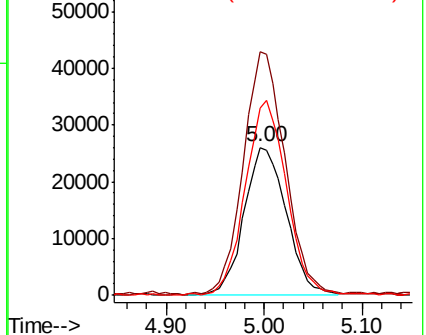
128 100

49 160.4 0.0 405.0

130 128.4 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.901 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014489.D

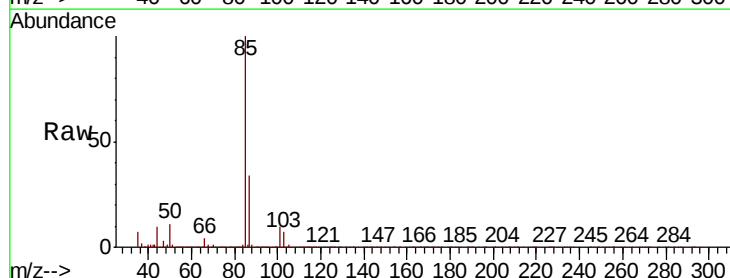
Acq: 09 Jan 2020 11:14

Tgt Ion: 85 Resp: 74031

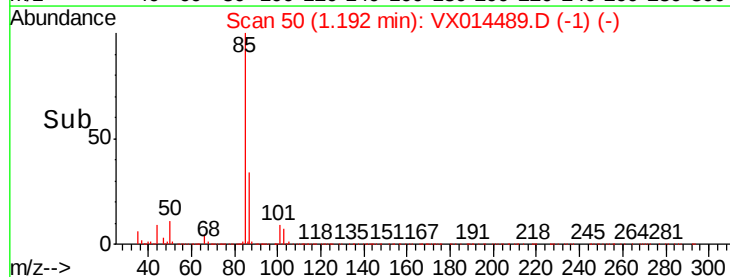
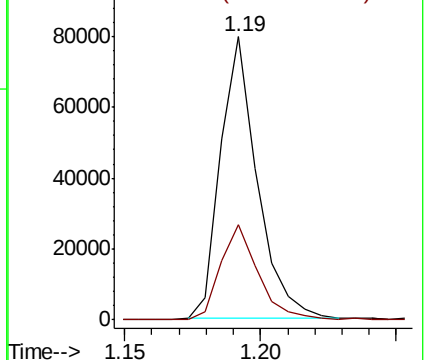
Ion Ratio Lower Upper

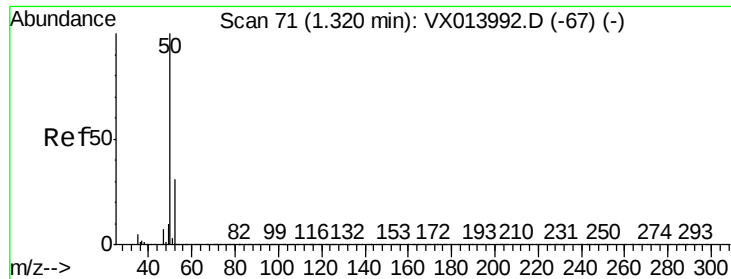
85 100

87 33.7 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

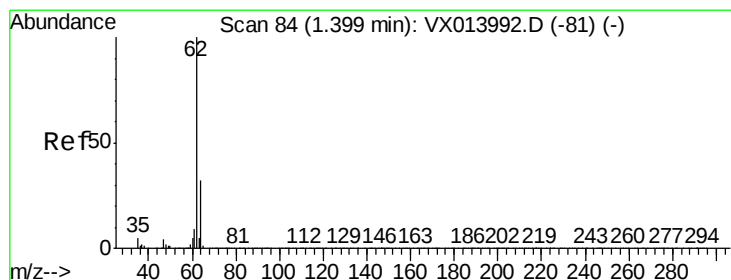
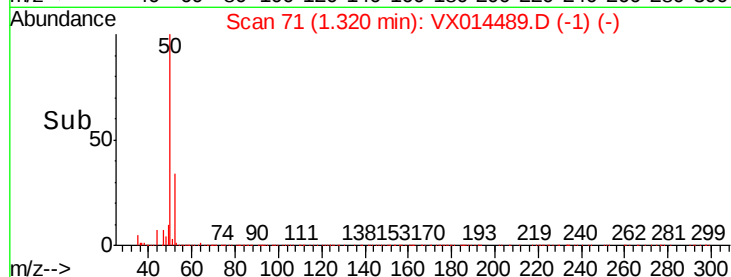
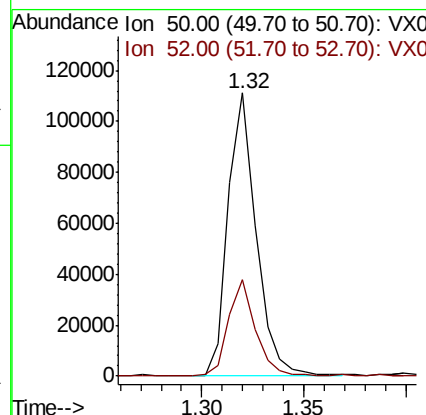
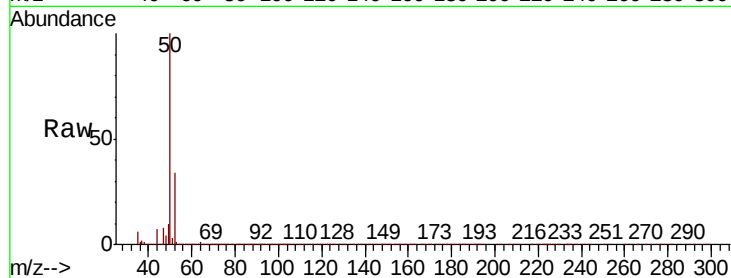




#3
Chloromethane
Concen: 19.097 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

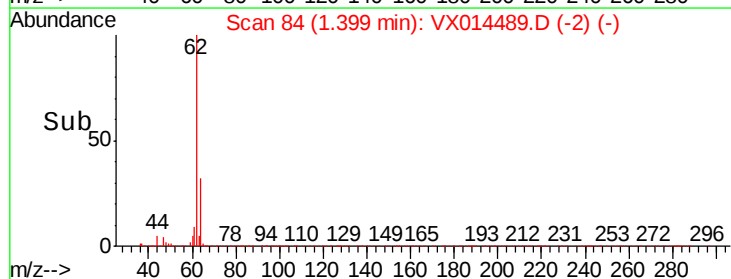
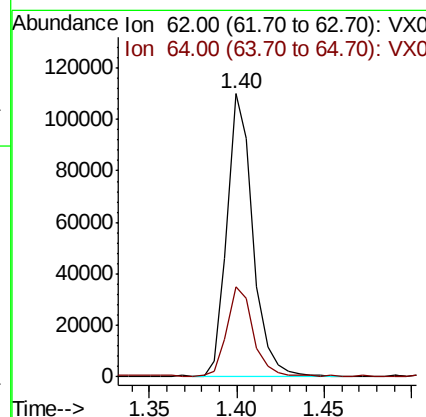
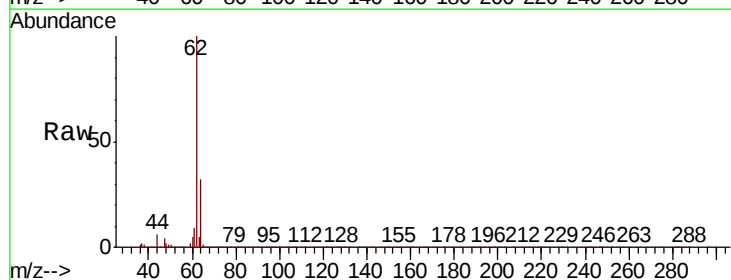
Instrument :
MSVOA_X
ClientSampleId :

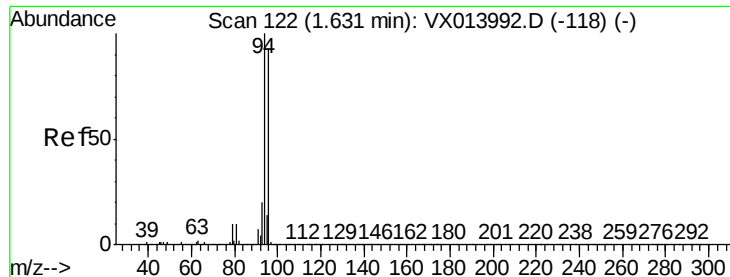
Tot Ion: 50 Resp: 105423
Ion Ratio Lower Upper
50 100
52 33.9 24.3 36.5



#4
Vinyl Chloride
Concen: 19.937 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion: 62 Resp: 112827
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 16.242 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

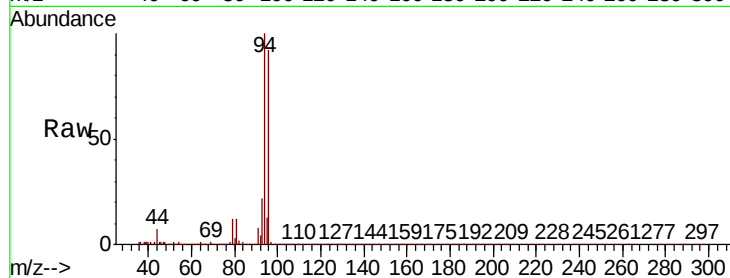
ClientSampleId :

Tot Ion: 94 Resp: 67191

Ion Ratio Lower Upper

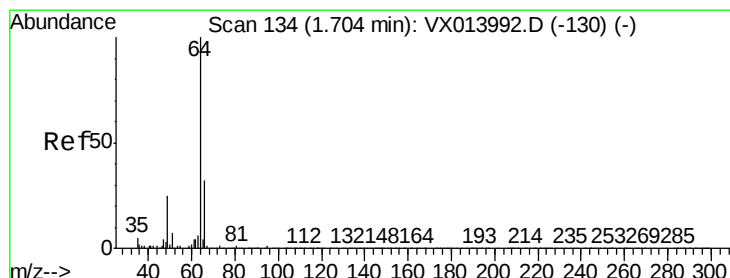
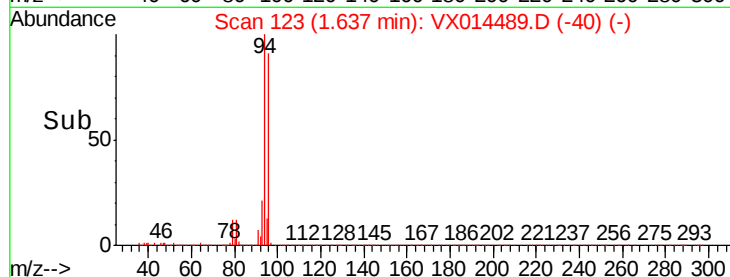
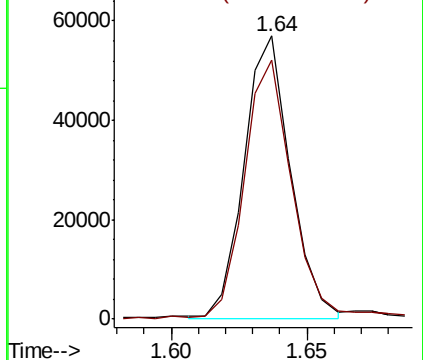
94 100

96 92.1 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.966 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014489.D

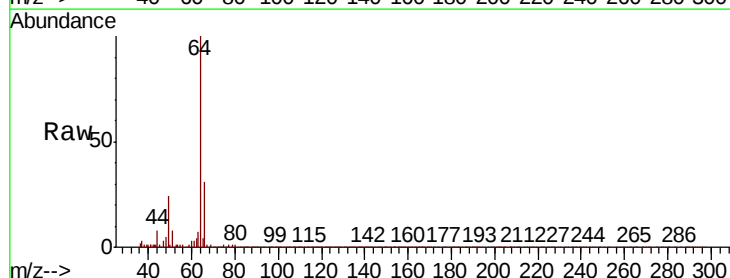
Acq: 09 Jan 2020 11:14

Tgt Ion: 64 Resp: 73289

Ion Ratio Lower Upper

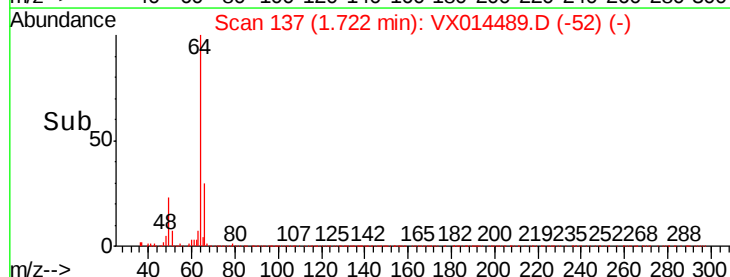
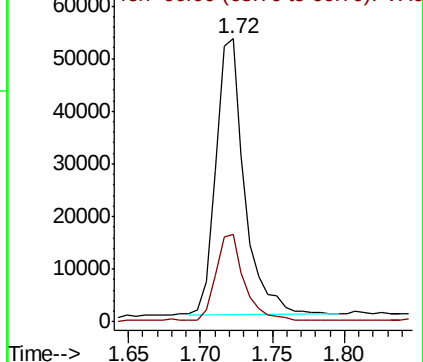
64 100

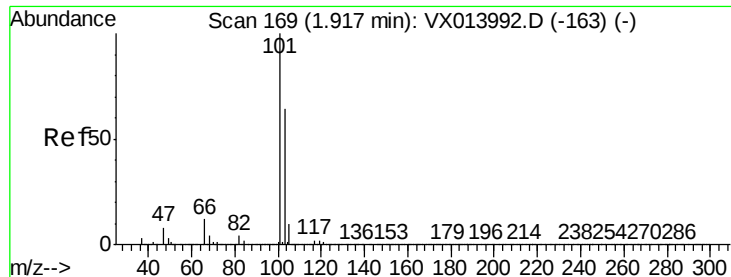
66 31.4 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



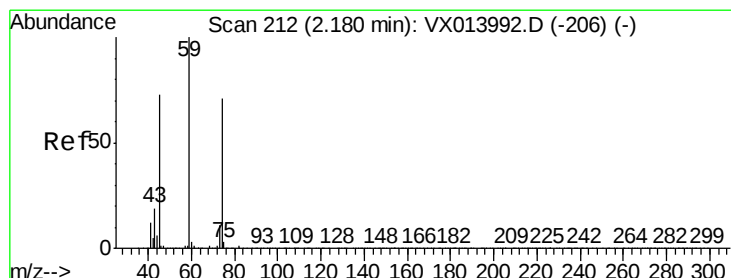
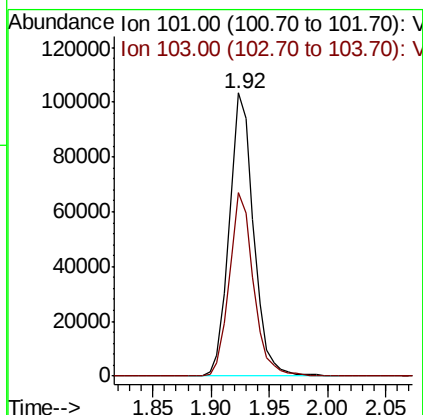
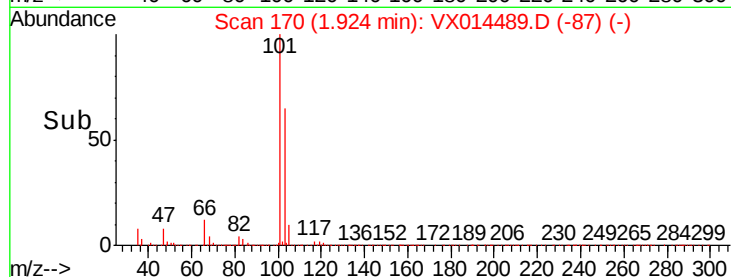
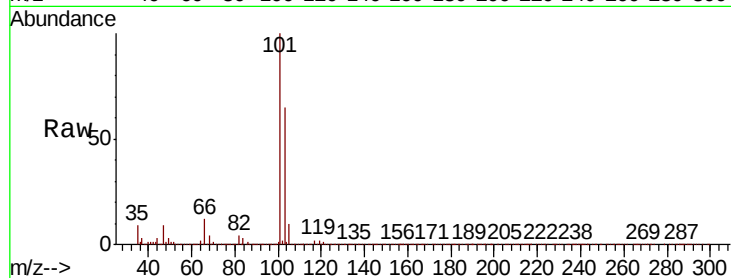


#7

Trichlorofluoromethane
Concen: 21.354 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

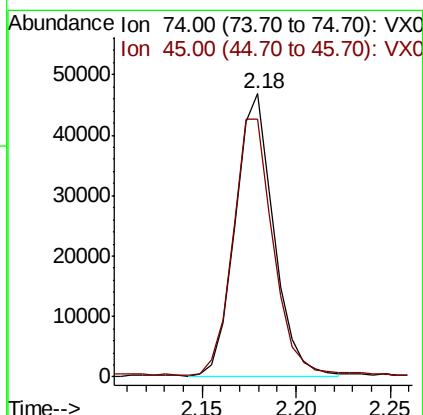
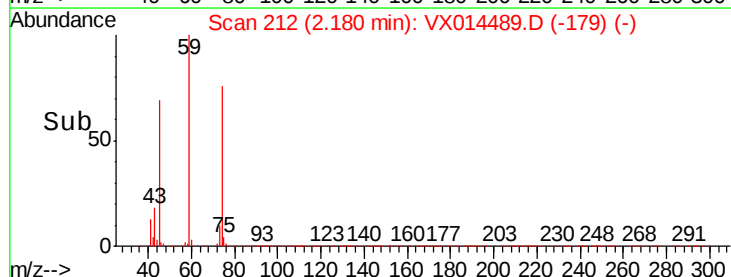
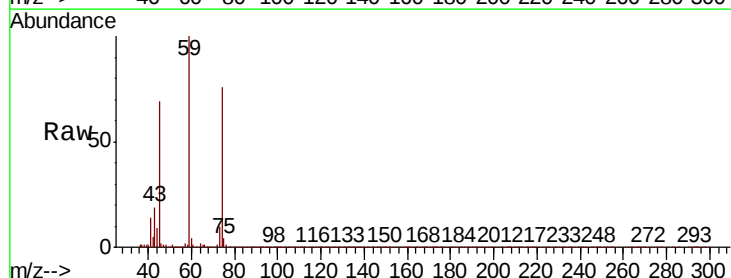
Tot Ion:101 Resp: 150379
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

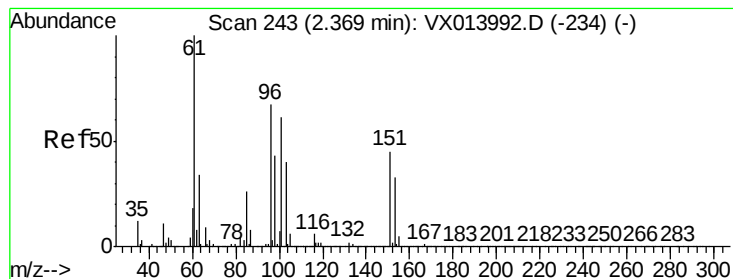


#8

Diethyl Ether
Concen: 20.373 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion: 74 Resp: 65945
Ion Ratio Lower Upper
74 100
45 96.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.782 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

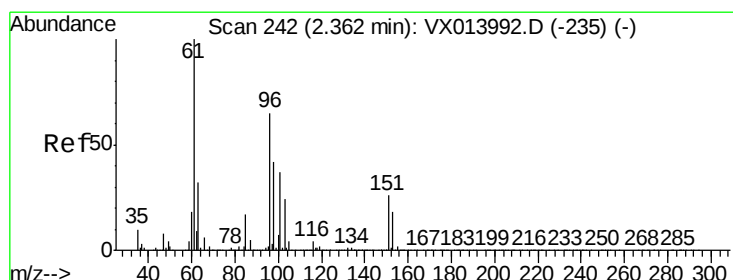
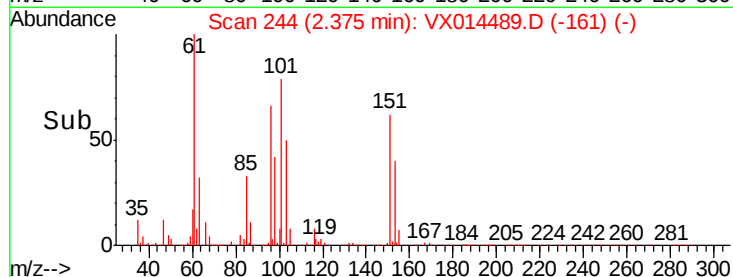
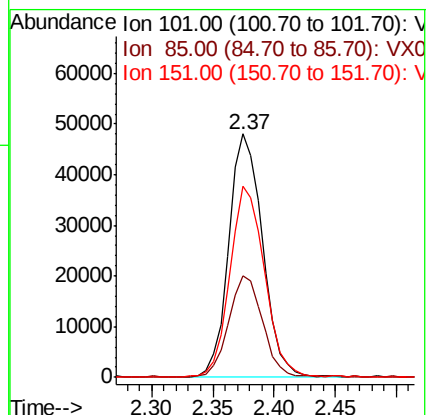
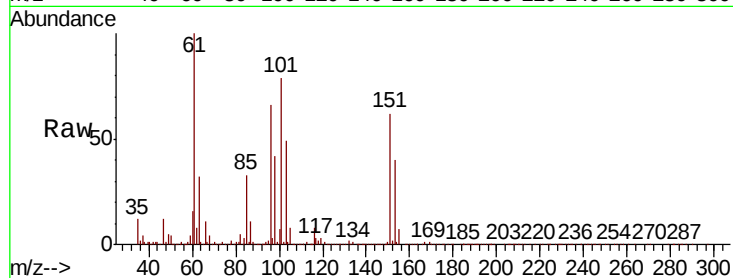
Tot Ion:101 Resp: 91483

Ion Ratio Lower Upper

101 100

85 41.4 0.0 85.6

151 80.8 0.0 159.4



#10

1,1-Dichloroethene

Concen: 20.026 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

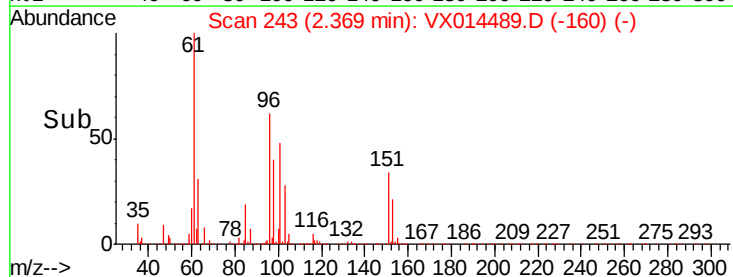
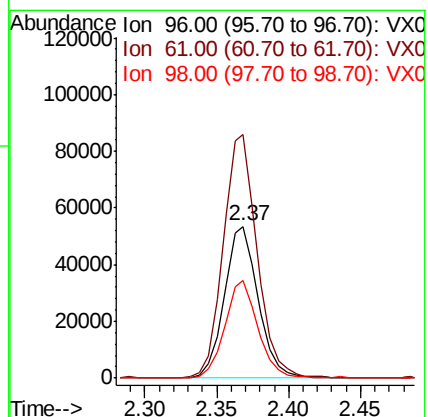
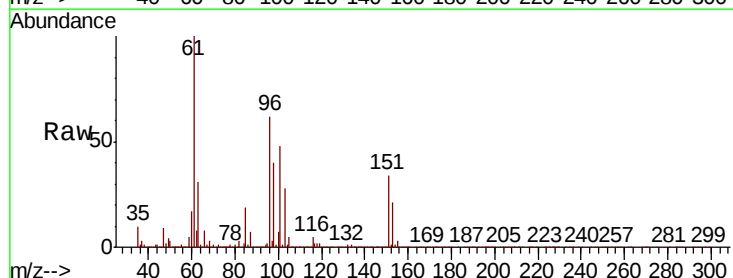
Tgt Ion: 96 Resp: 86952

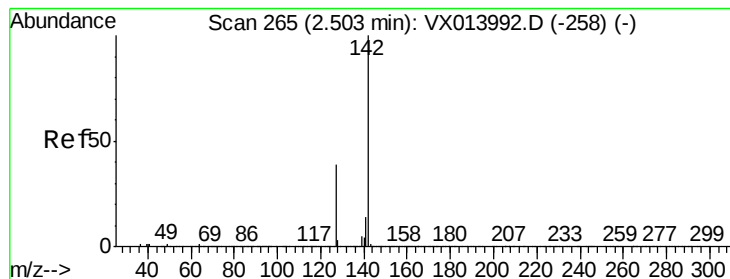
Ion Ratio Lower Upper

96 100

61 160.7 123.0 184.6

98 64.2 51.4 77.0





#11

Methvl Iodide

Concen: 18.650 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

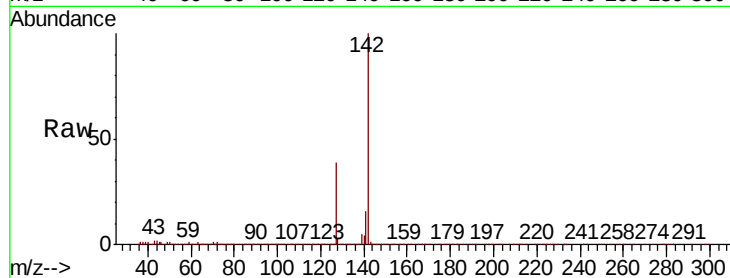
Tot Ion:142 Resp: 104248

Ion Ratio Lower Upper

142 100

127 38.5 19.5 58.5

141 15.5 7.0 20.9

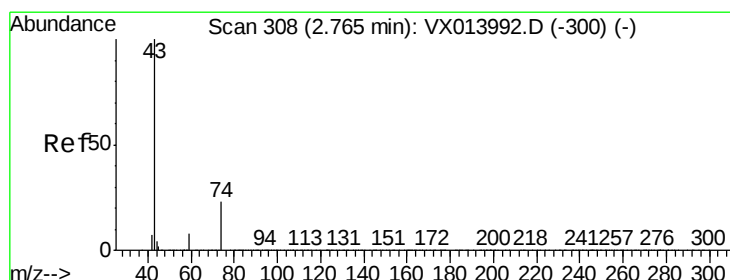
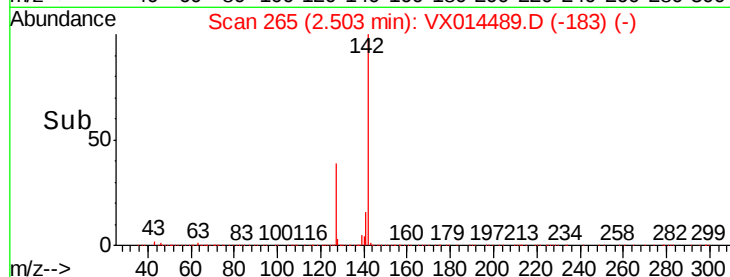
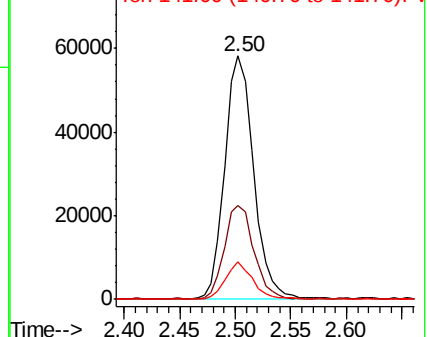


Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.814 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014489.D

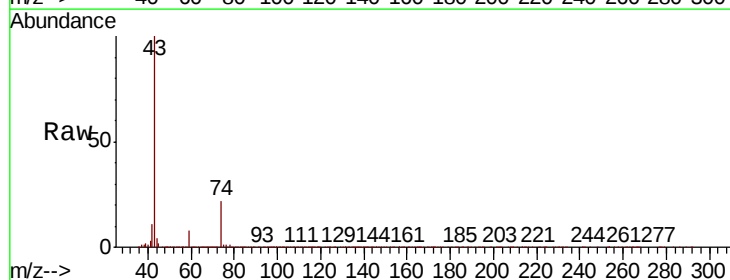
Acq: 09 Jan 2020 11:14

Tgt Ion: 43 Resp: 133191

Ion Ratio Lower Upper

43 100

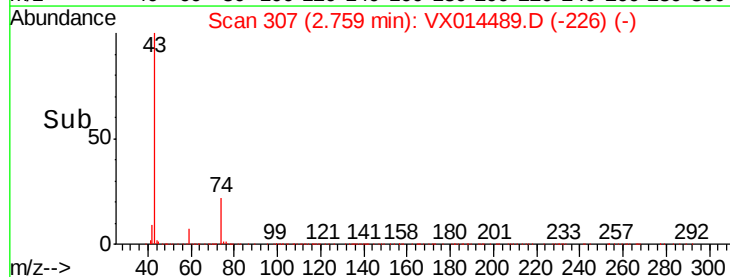
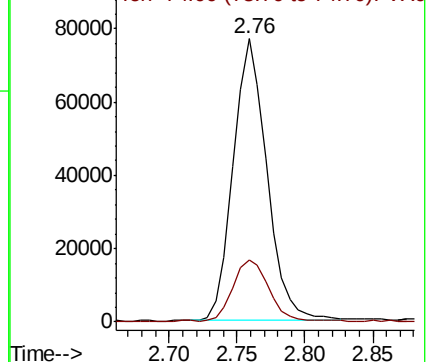
74 21.6 18.5 27.7

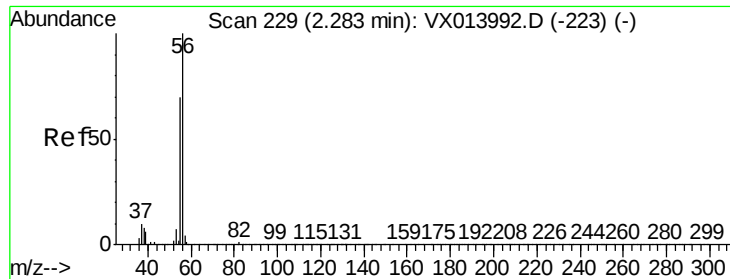


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 89.294 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

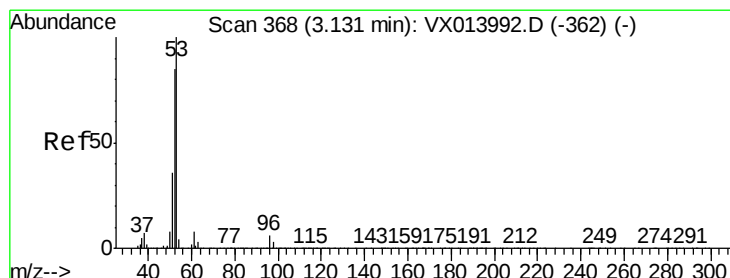
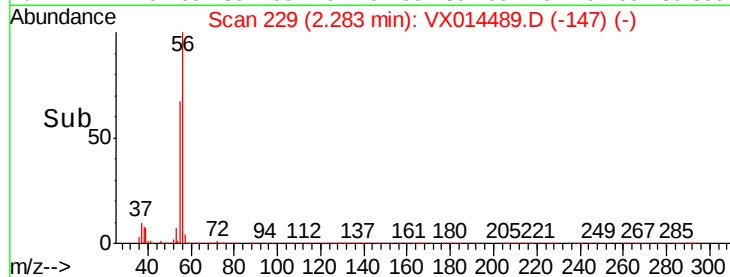
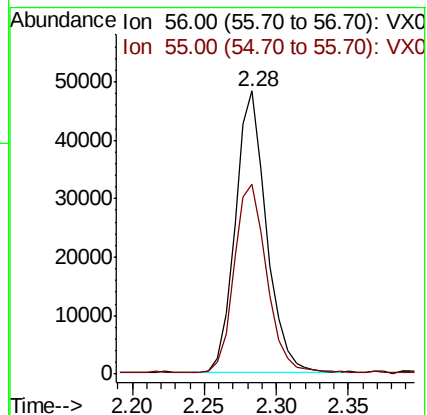
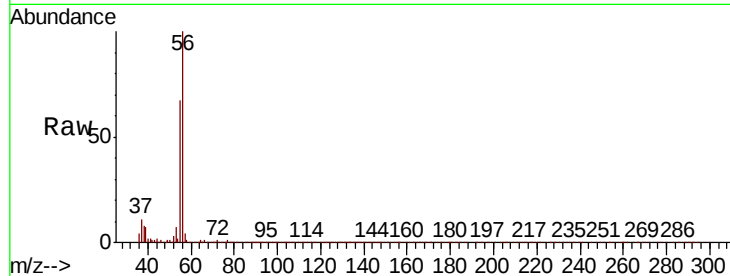
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 72800

Ion Ratio Lower Upper

56 100

55 69.8 54.9 82.3



#14

Acrylonitrile

Concen: 96.649 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

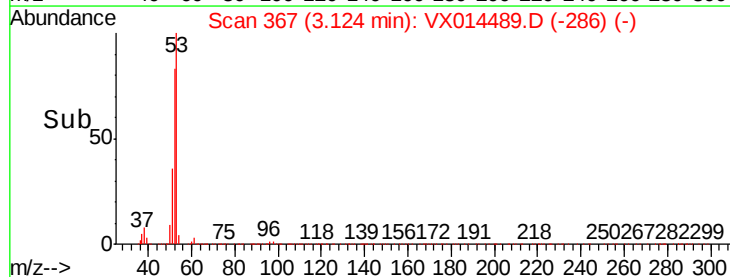
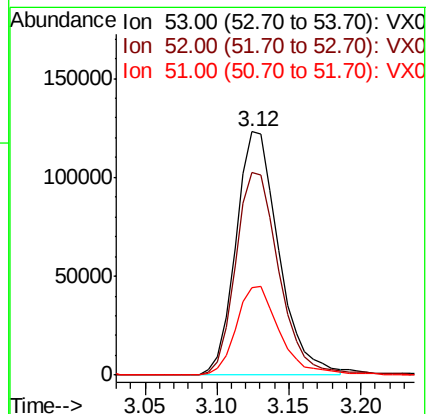
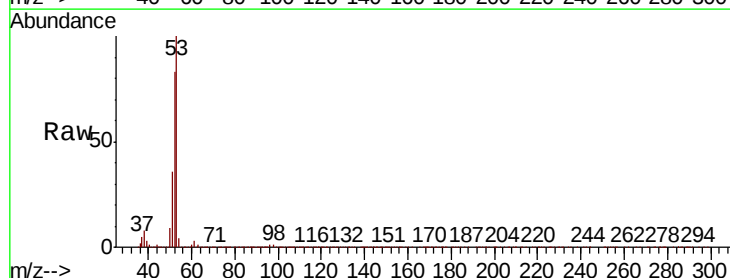
Tgt Ion: 53 Resp: 253972

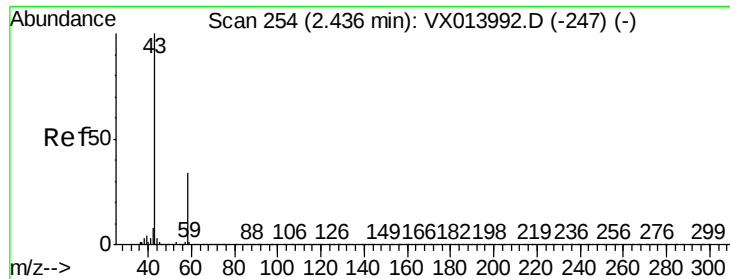
Ion Ratio Lower Upper

53 100

52 84.2 41.5 124.6

51 37.2 17.8 53.5





#15

Acetone

Concen: 111.587 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

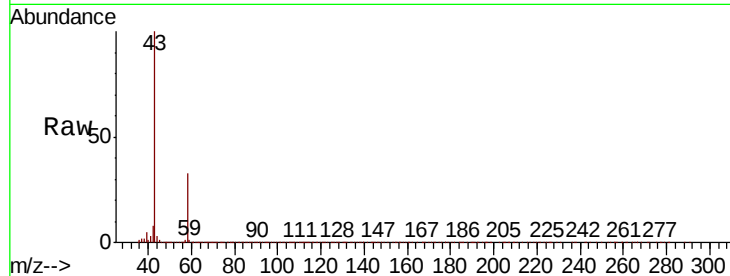
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 86139

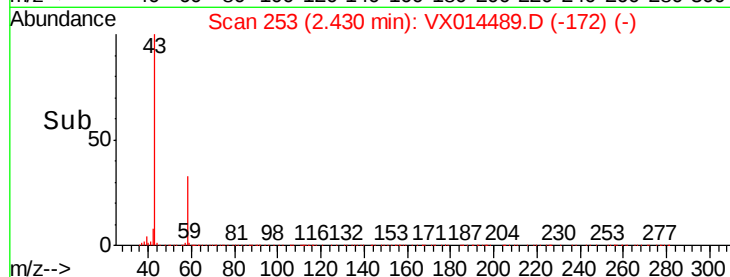
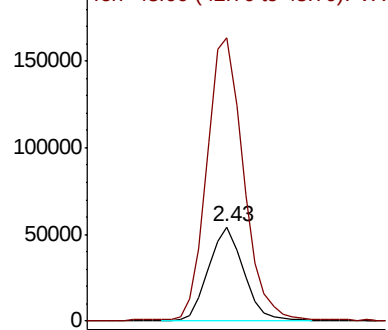
Ion Ratio Lower Upper

58 100

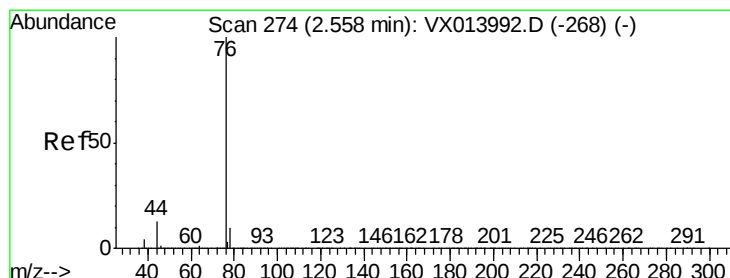
43 301.0 236.3 354.5



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



Time-->



#16

Carbon Disulfide

Concen: 19.629 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014489.D

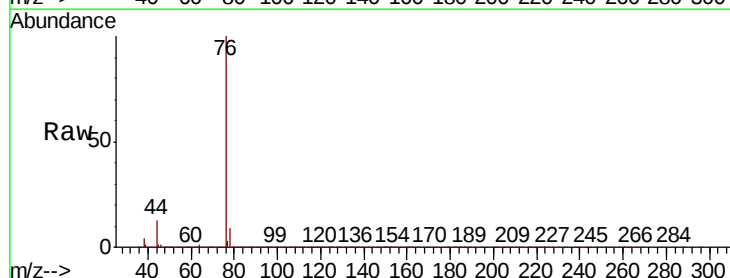
Acq: 09 Jan 2020 11:14

Tgt Ion: 76 Resp: 230888

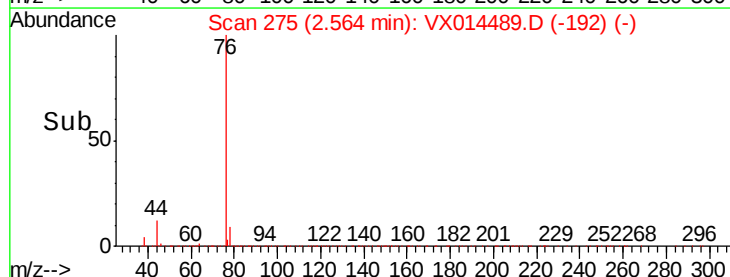
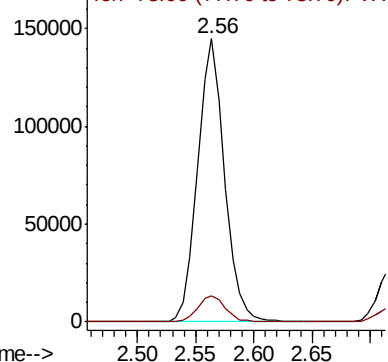
Ion Ratio Lower Upper

76 100

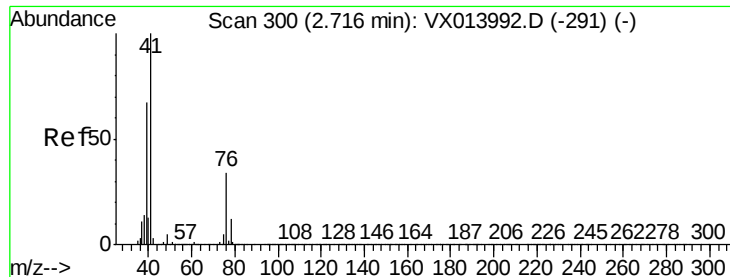
78 9.4 7.8 11.8



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



Time-->



#17

Allvl chloride

Concen: 20.043 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

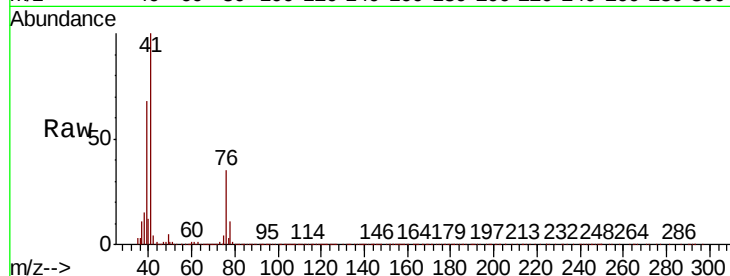
Tot Ion: 41 Resp: 156385

Ion Ratio Lower Upper

41 100

39 67.9 33.4 100.2

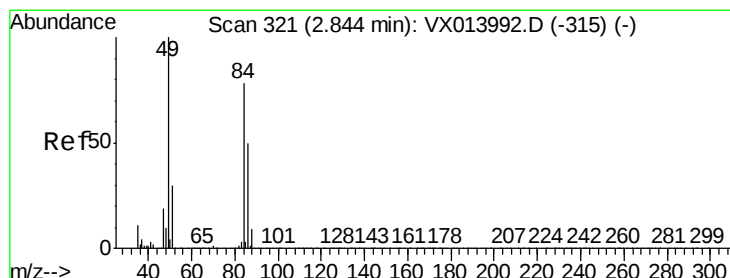
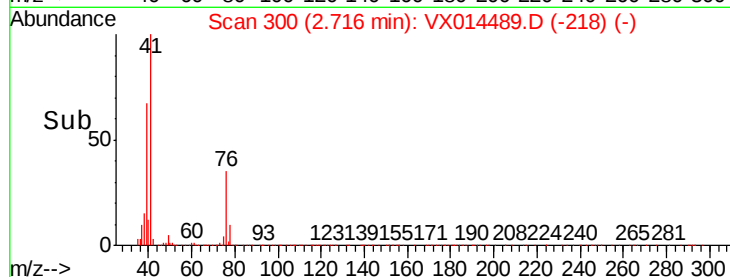
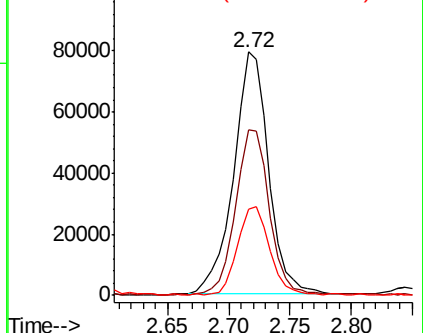
76 35.3 17.0 50.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.348 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Tgt Ion: 84 Resp: 102940

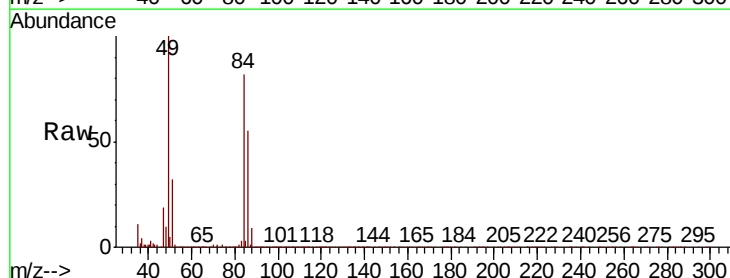
Ion Ratio Lower Upper

84 100

49 121.1 102.2 153.2

51 38.3 31.4 47.0

86 66.3 50.8 76.2

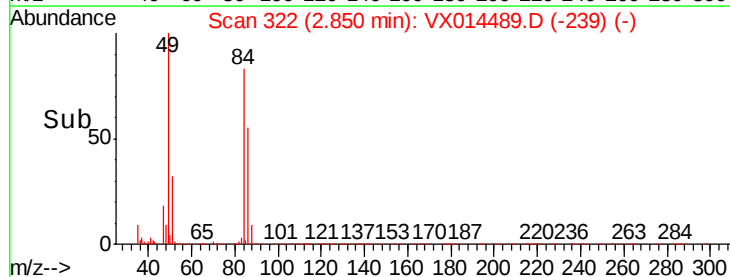
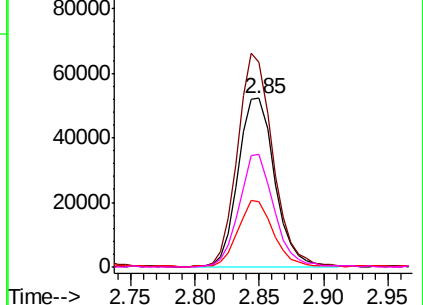


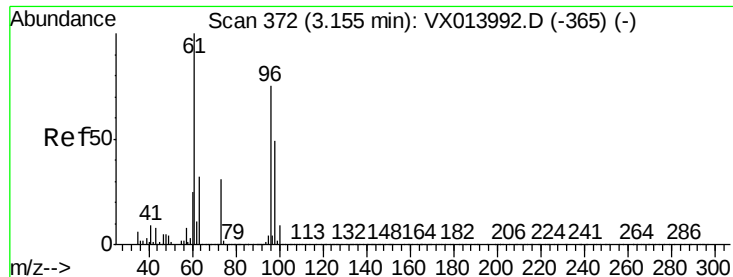
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.992 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

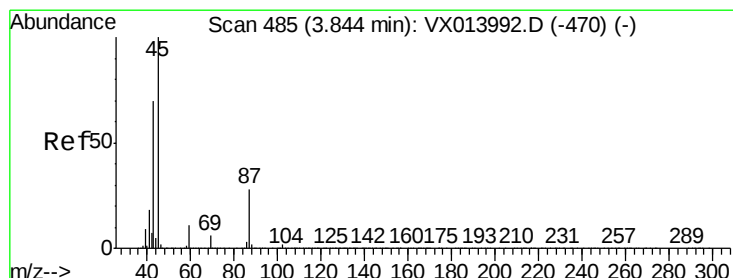
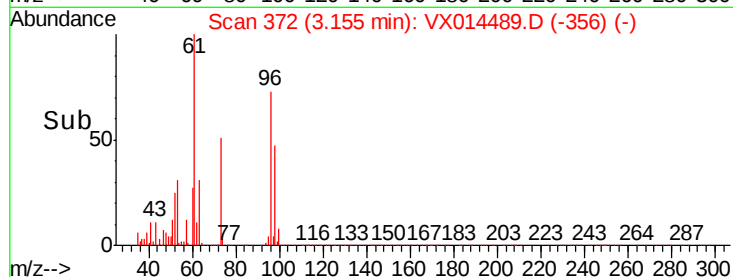
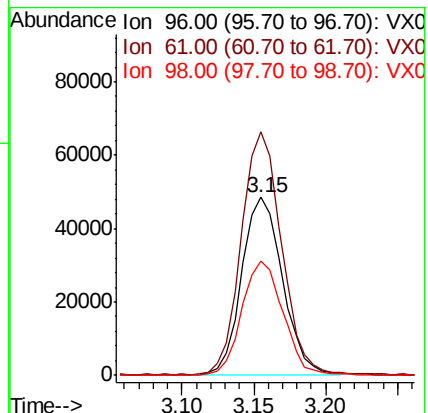
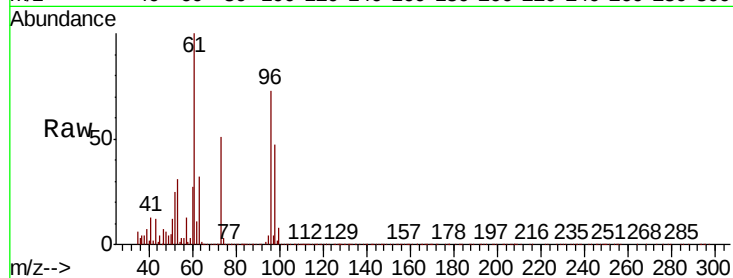
Tot Ion: 96 Resp: 95060

Ion Ratio Lower Upper

96 100

61 136.7 106.6 159.8

98 64.1 51.6 77.4



#20

Diisopropyl ether

Concen: 20.203 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Tgt Ion: 45 Resp: 323448

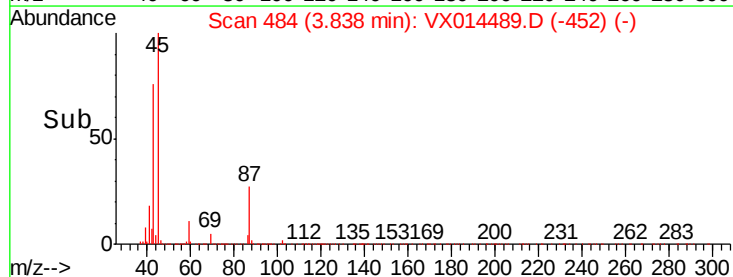
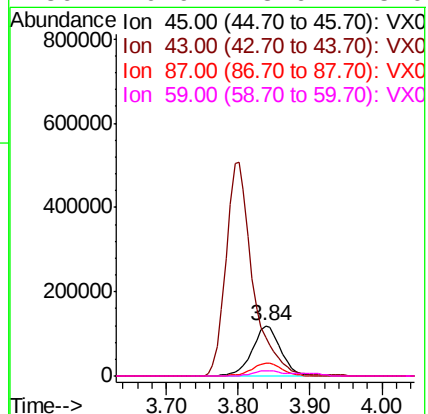
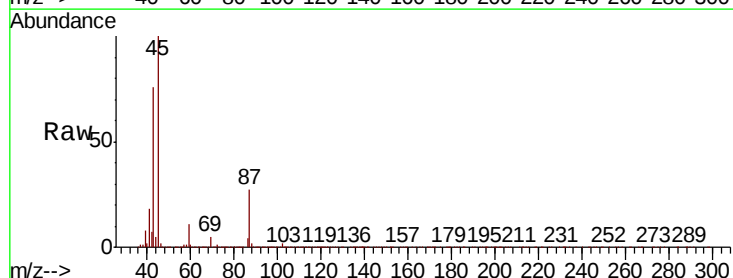
Ion Ratio Lower Upper

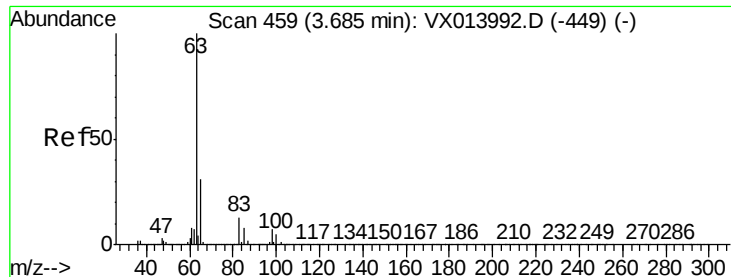
45 100

43 75.8 55.9 83.9

87 26.5 22.2 33.2

59 10.9 8.6 13.0





#21

1,1-Dichloroethane

Concen: 20.080 ug/l

RT: 3.69 min Scan# 459

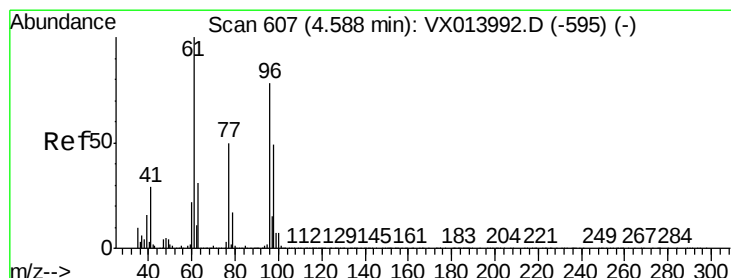
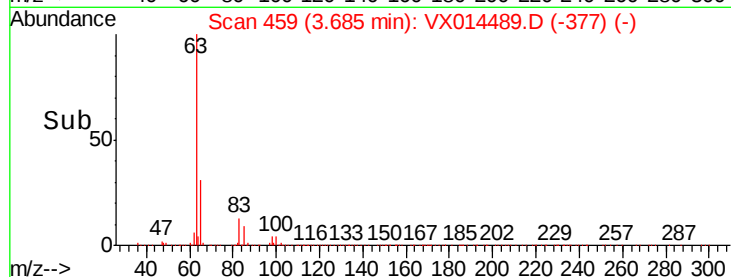
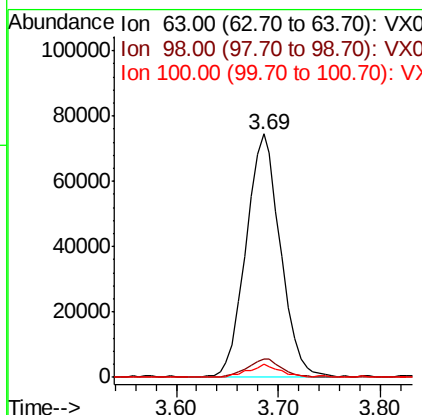
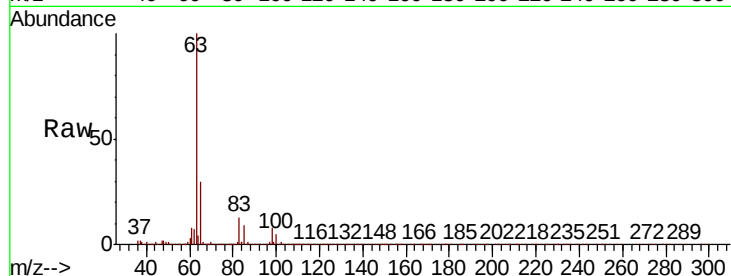
Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	174480
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.4	10.1
100	5.2	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 20.121 ug/l

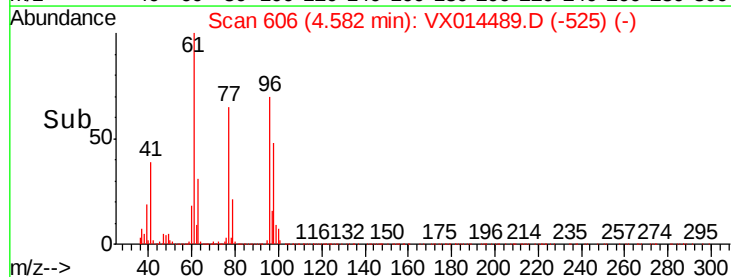
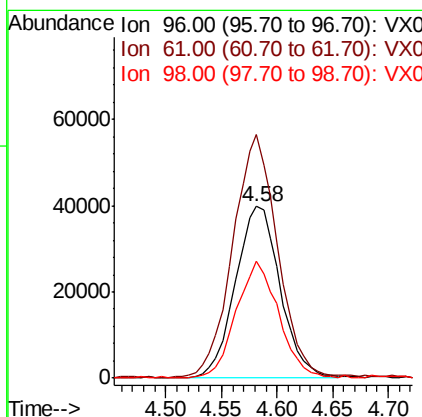
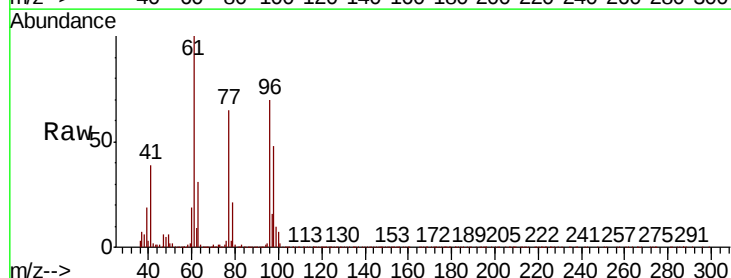
RT: 4.58 min Scan# 606

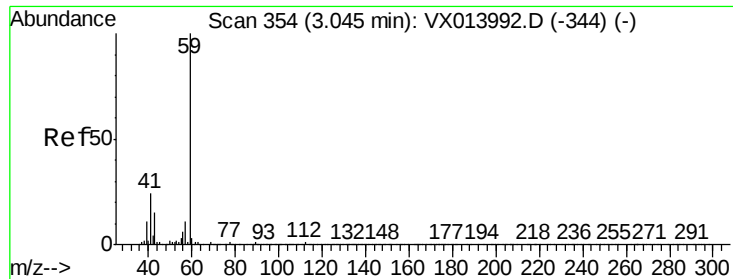
Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Tgt Ion:	96	Resp:	110905
Ion	Ratio	Lower	Upper
96	100		
61	141.1	112.4	168.6
98	64.2	50.3	75.5

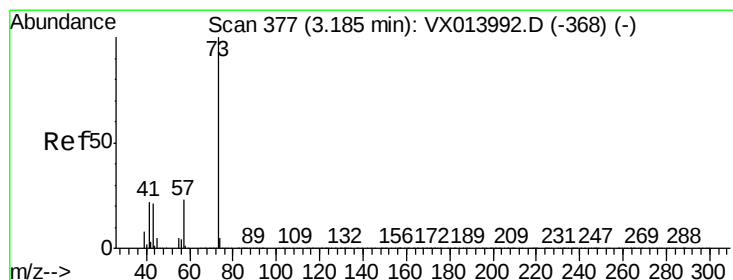
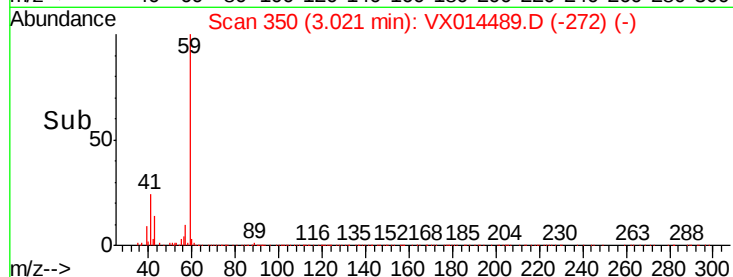
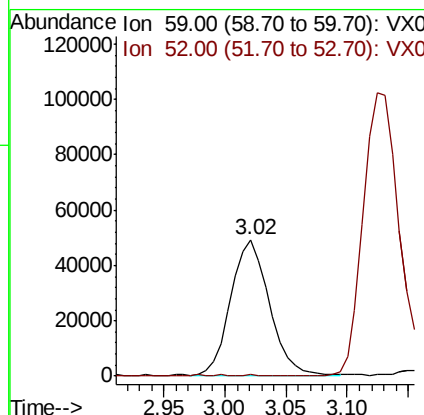
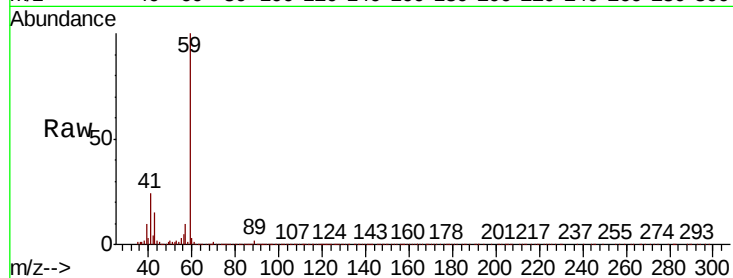




#23
tert-Butyl Alcohol
Concen: 104.858 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

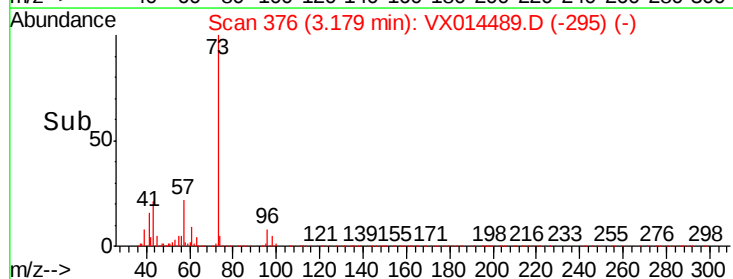
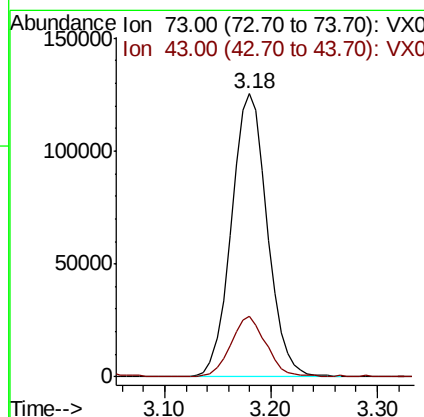
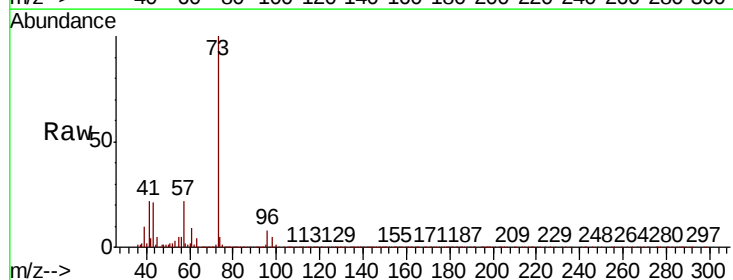
Instrument :
MSVOA_X
ClientSampled :

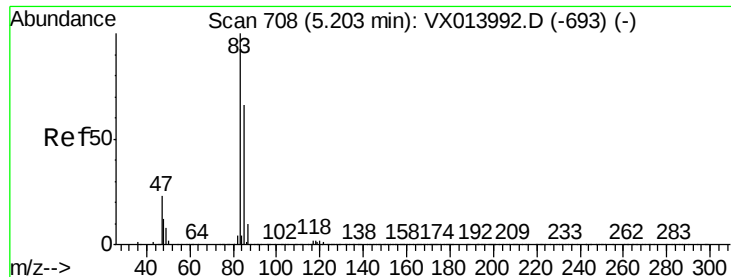
Tot Ion: 59 Resp: 108077
Ion Ratio Lower Upper
59 100
52 0.6 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 20.078 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion: 73 Resp: 294488
Ion Ratio Lower Upper
73 100
43 20.6 16.6 25.0

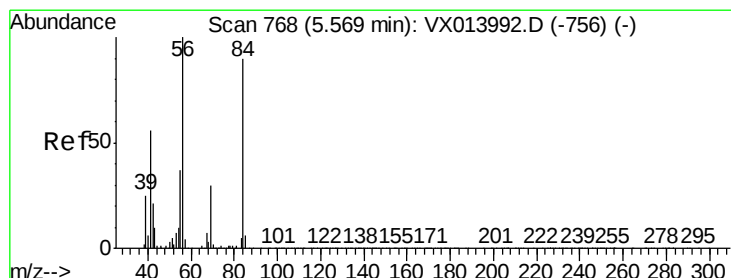
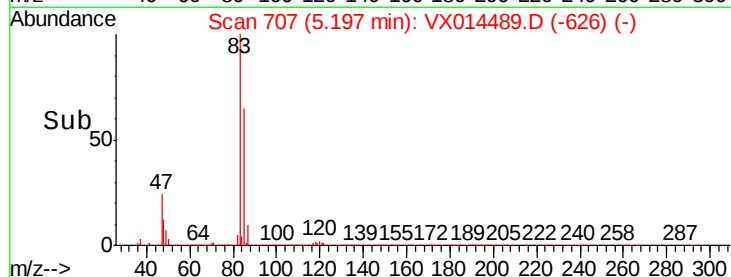
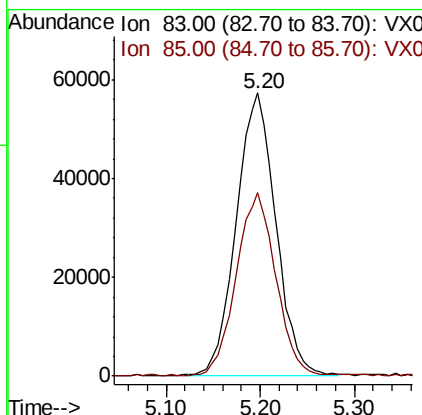
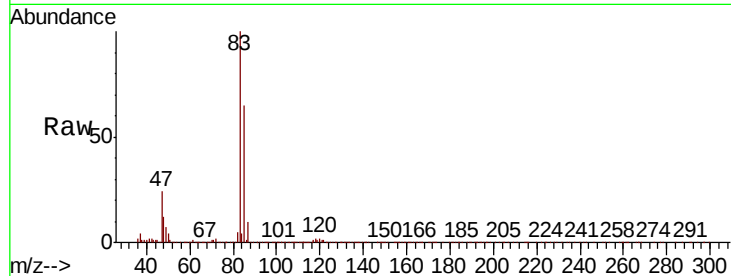




#25
Chloroform
Concen: 20.294 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

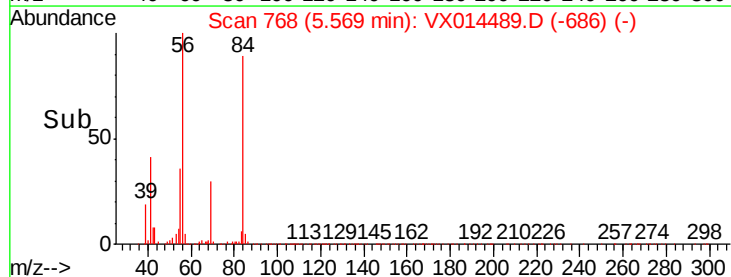
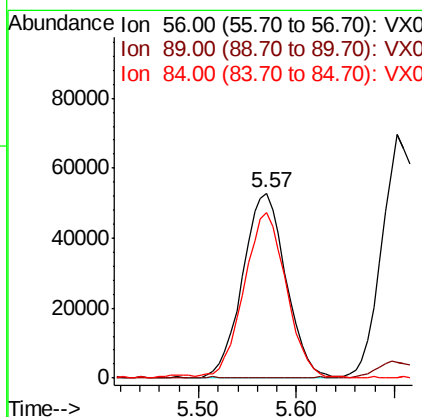
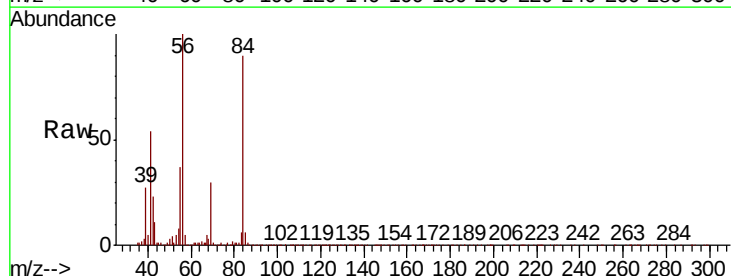
Instrument :
MSVOA_X
ClientSampleId :

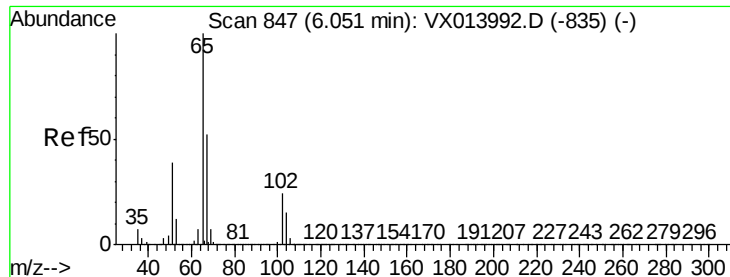
Tot Ion: 83 Resp: 168114
Ion Ratio Lower Upper
83 100
85 64.7 52.7 79.1



#26
Cyclohexane
Concen: 20.810 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion: 56 Resp: 161239
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 87.3 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.547 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

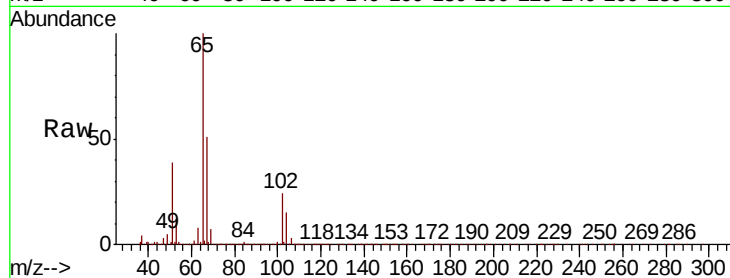
ClientSampleId :

Tot Ion: 65 Resp: 164081

Ion Ratio Lower Upper

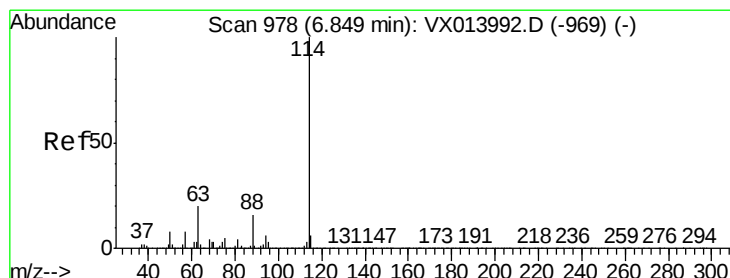
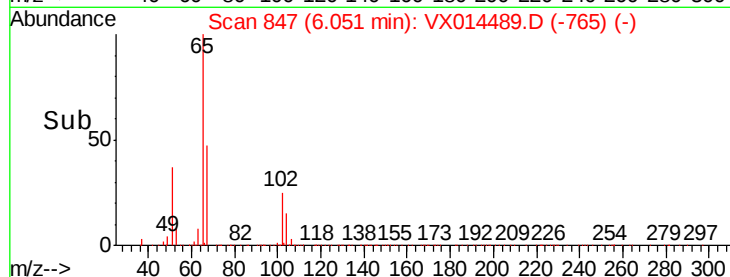
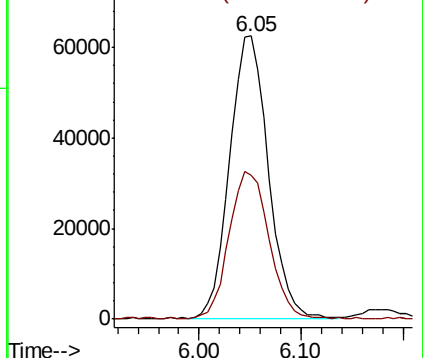
65 100

67 53.6 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

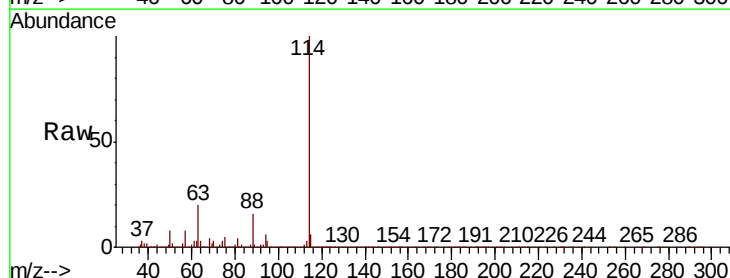
Tgt Ion: 114 Resp: 442309

Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

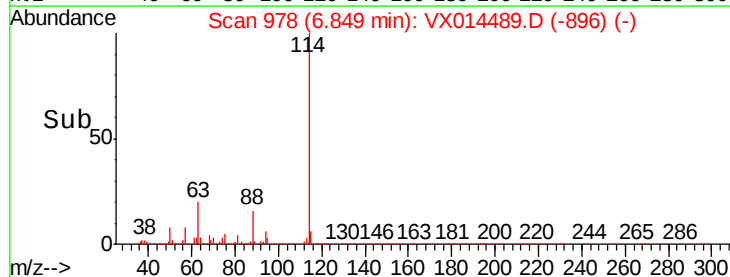
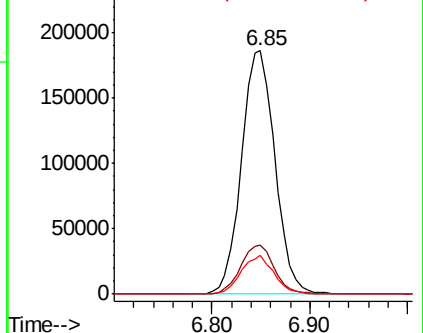
88 15.5 12.5 18.7

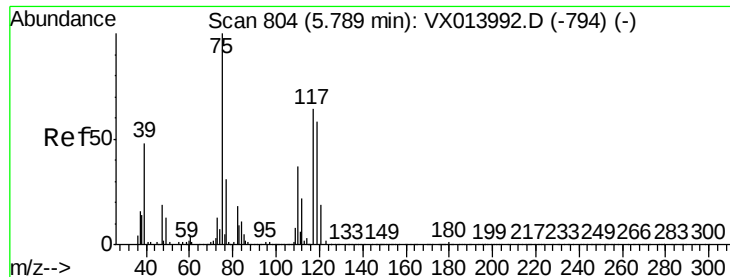


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

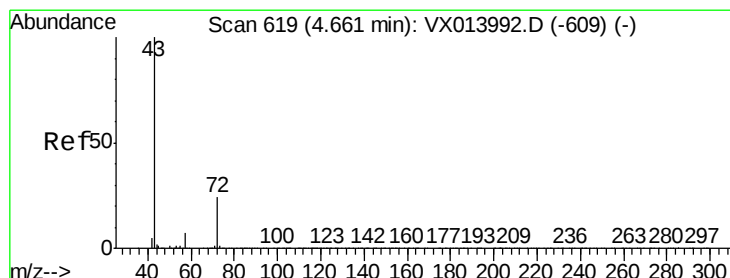
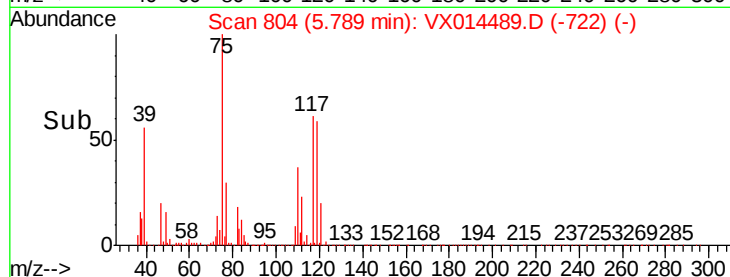
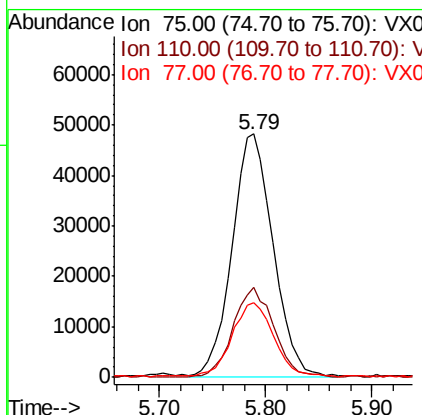
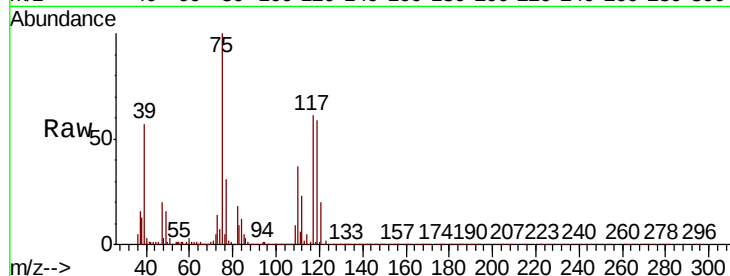




#29
 1,1-Dichloropropene
 Concen: 20.342 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

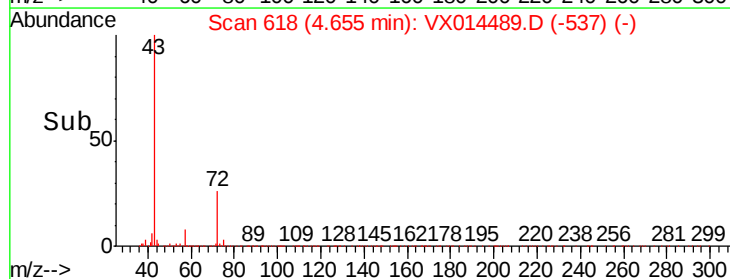
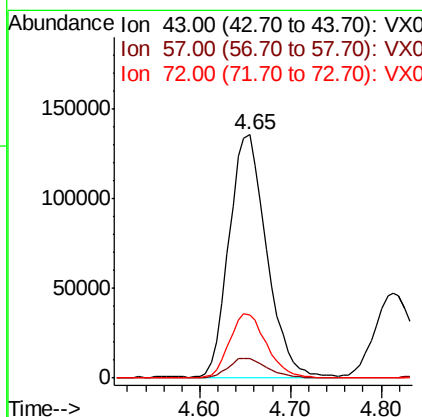
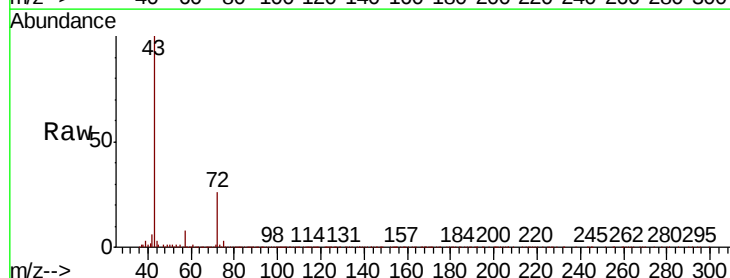
Instrument :
 MSVOA_X
 ClientSampleId :

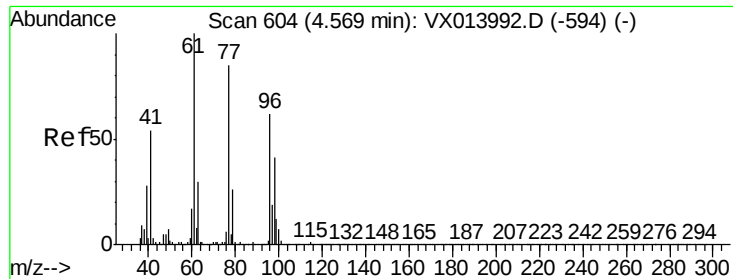
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	73.8
77	30.8	0.0	62.4



#30
 2-Butanone
 Concen: 103.021 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.2
72	25.6	20.3	30.5





#31

2,2-Dichloropropane

Concen: 23.894 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

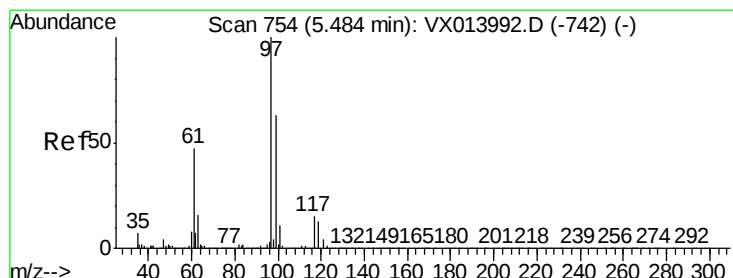
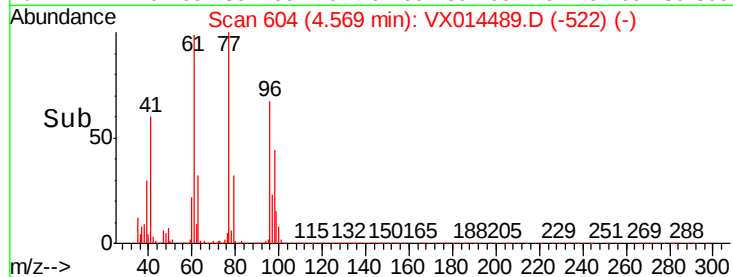
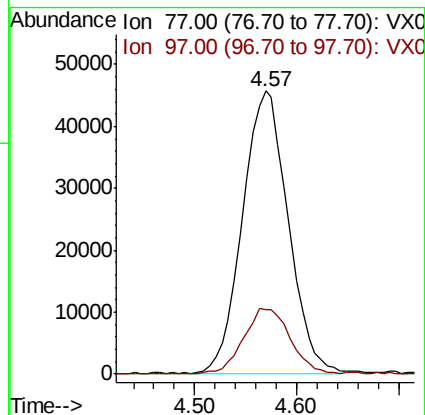
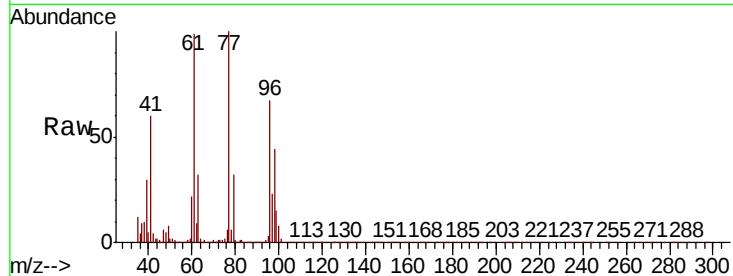
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 77 Resp: 141214

Ion Ratio Lower Upper

77 100

97 23.3 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.025 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

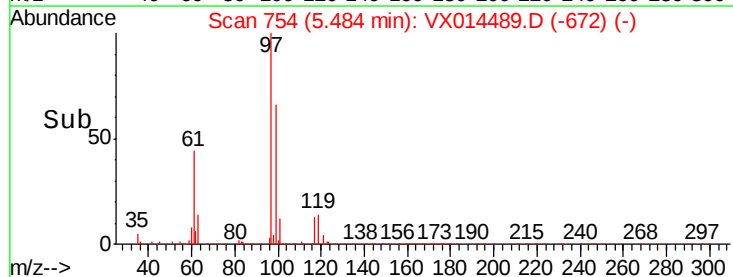
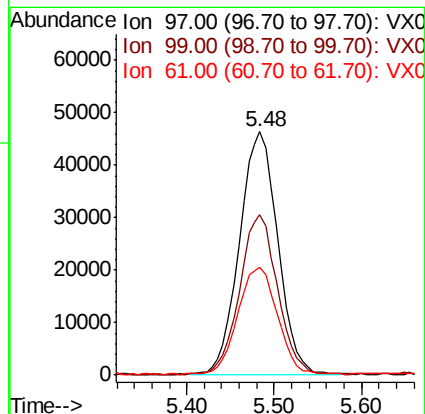
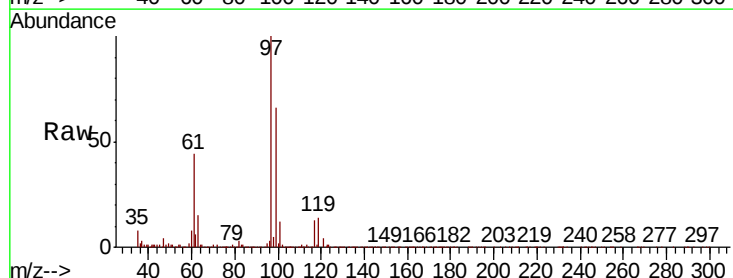
Tgt Ion: 97 Resp: 141512

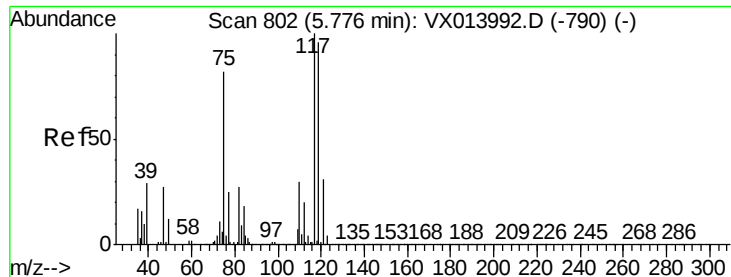
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 46.6 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.897 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampled :

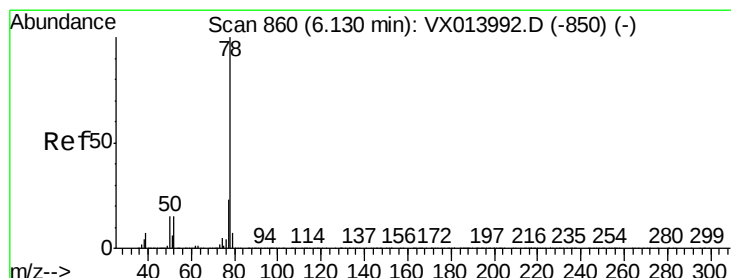
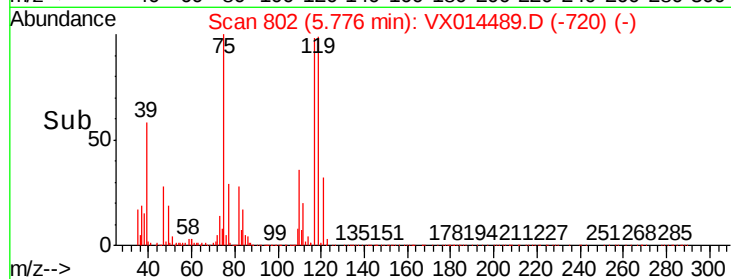
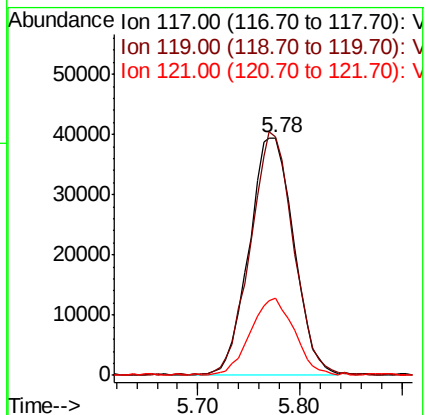
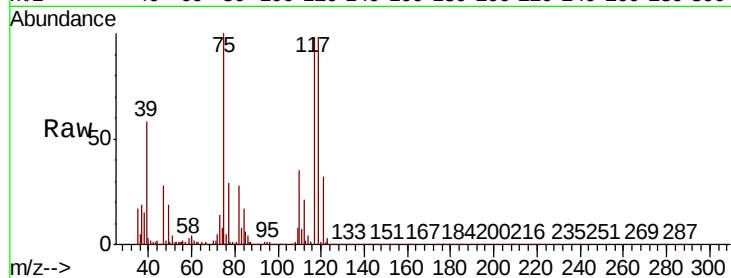
Tot Ion:117 Resp: 119525

Ion Ratio Lower Upper

117 100

119 100.5 77.2 115.8

121 32.1 24.8 37.2



#34

Benzene

Concen: 20.076 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

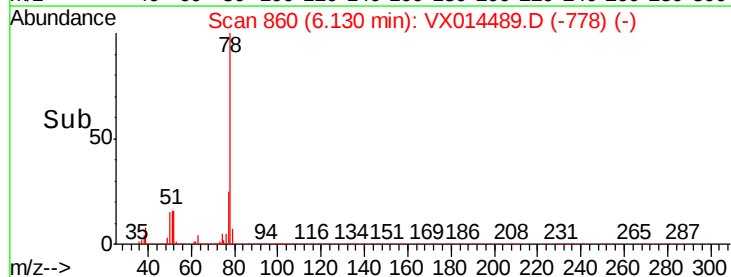
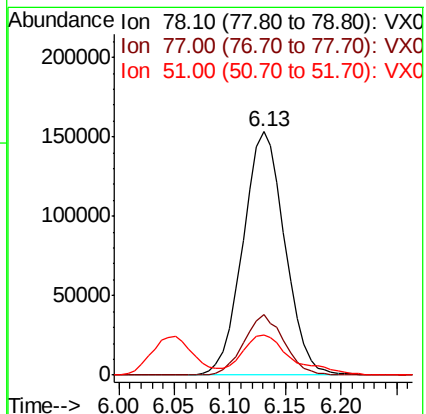
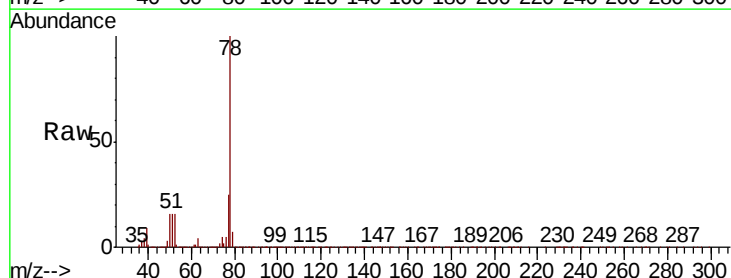
Tgt Ion: 78 Resp: 399939

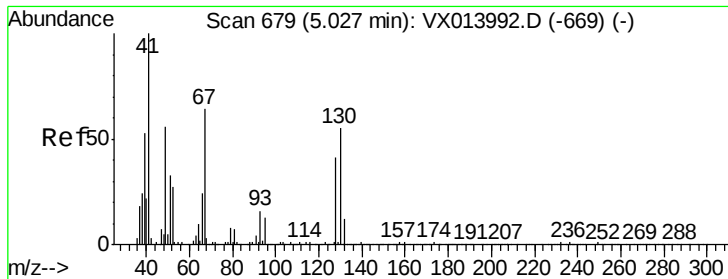
Ion Ratio Lower Upper

78 100

77 24.8 18.2 27.2

51 14.6 12.4 18.6

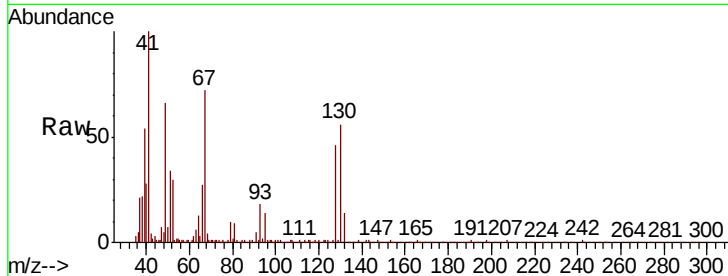




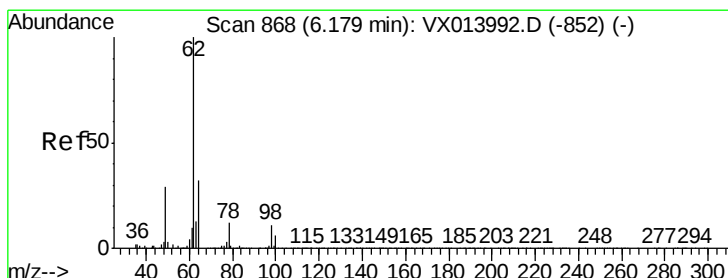
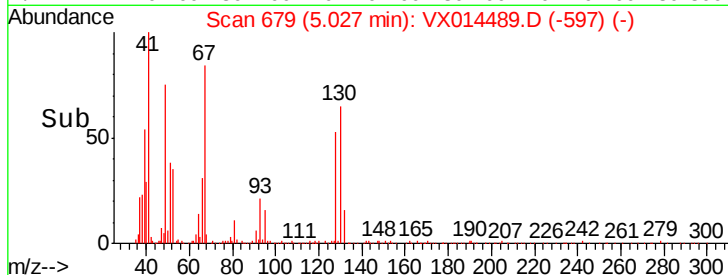
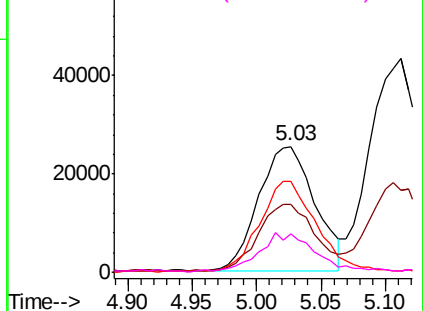
#35
Methacrylonitrile
Concen: 19.080 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	77279
Ion	Ratio	Lower	Upper
41	100		
39	53.5	26.7	80.1
67	72.6	31.5	94.5
52	30.7	12.8	38.4

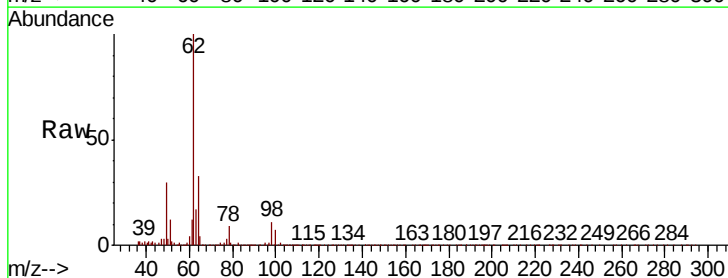


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

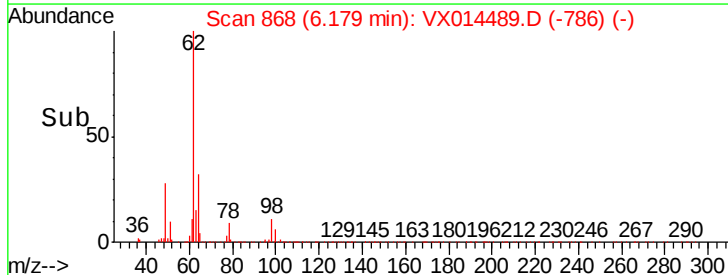
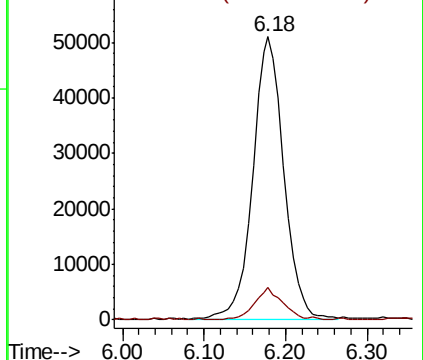


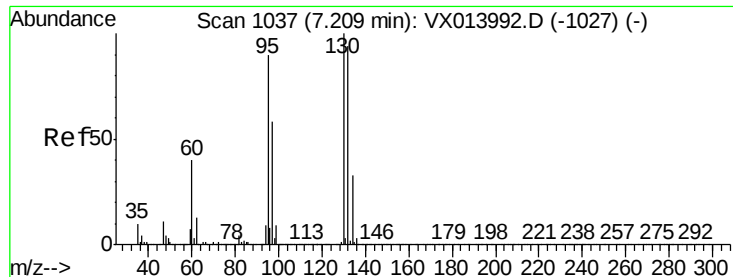
#36
1,2-Dichloroethane
Concen: 19.451 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion:	62	Resp:	134603
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 20.468 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

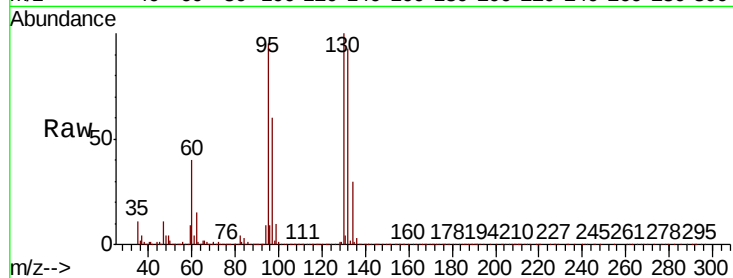
ClientSampleId :

Tot Ion:130 Resp: 110950

Ion Ratio Lower Upper

130 100

95 95.2 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

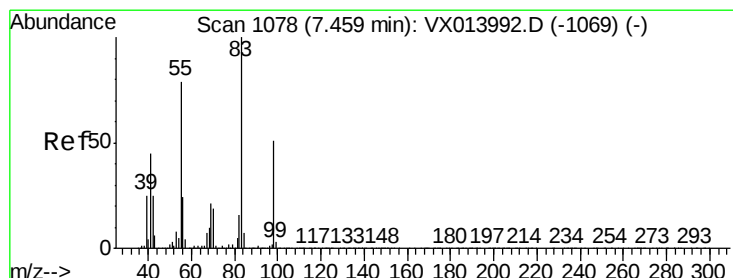
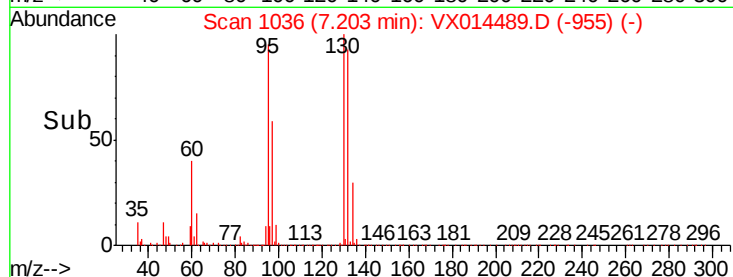
20000

10000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 21.643 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

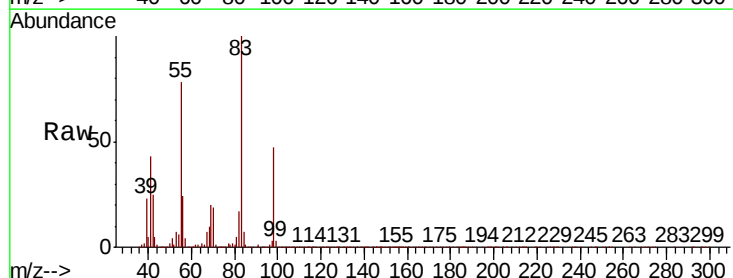
Tgt Ion: 83 Resp: 164939

Ion Ratio Lower Upper

83 100

55 76.9 39.4 118.1

98 49.6 25.1 75.3



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

100000

80000

60000

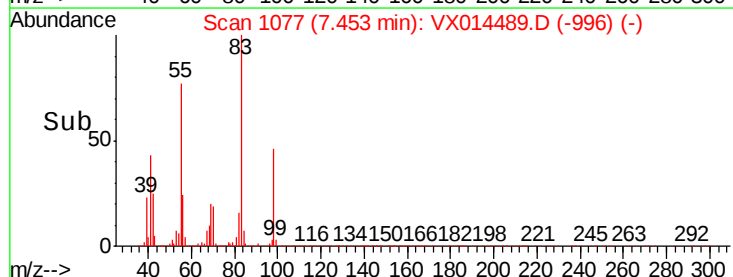
40000

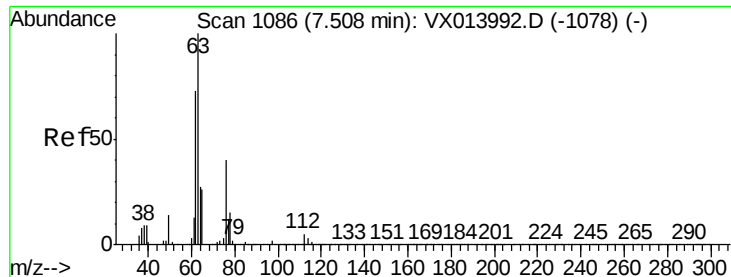
20000

0

Time-->

7.35 7.40 7.45 7.50 7.55

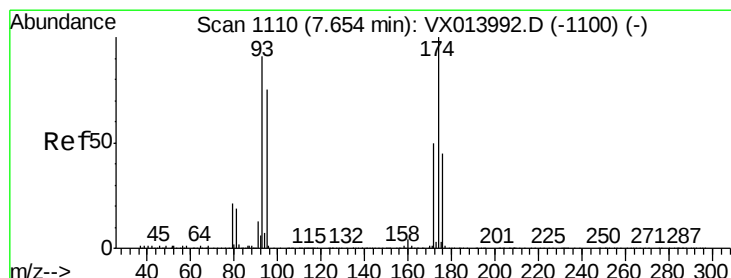
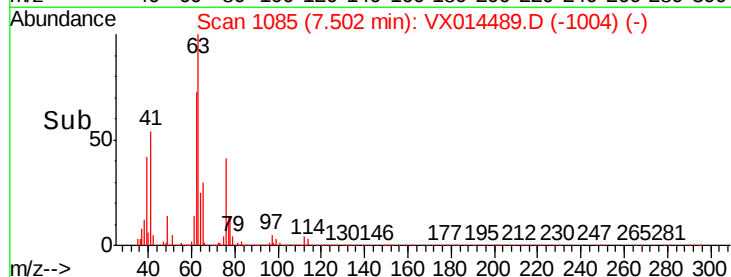
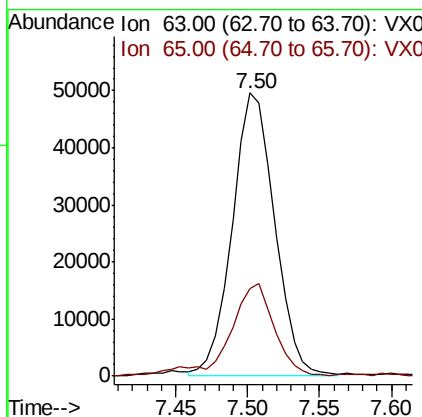
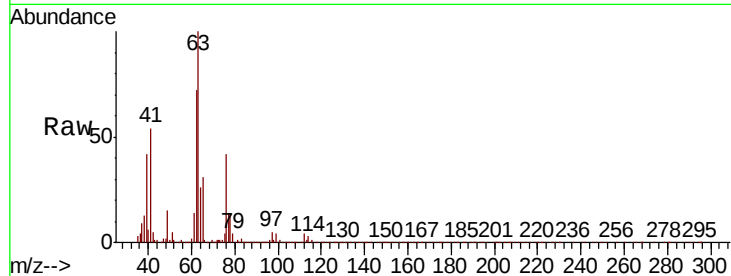




#39
 1,2-Dichloropropane
 Concen: 19.499 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

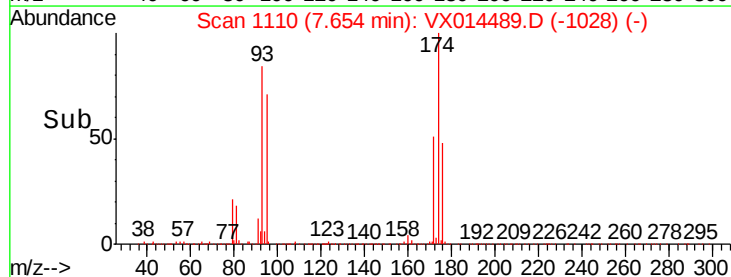
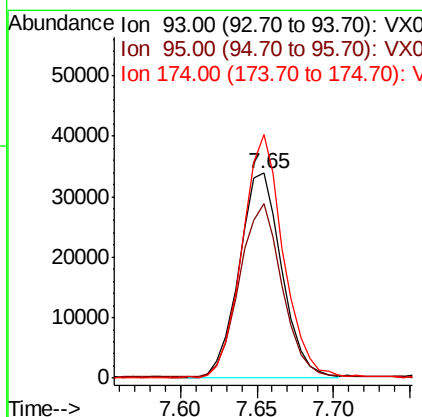
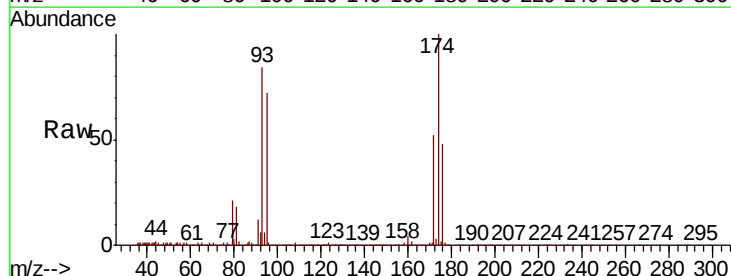
Instrument :
 MSVOA_X
 ClientSampleId :

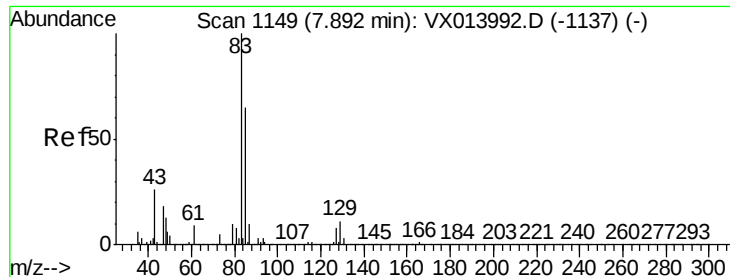
Tot Ion: 63 Resp: 100892
 Ion Ratio Lower Upper
 63 100
 65 30.1 22.1 33.1



#40
 Dibromomethane
 Concen: 19.882 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

Tgt Ion: 93 Resp: 65717
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 164.4
 174 114.5 0.0 228.8





#41

Bromodichloromethane

Concen: 19.995 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

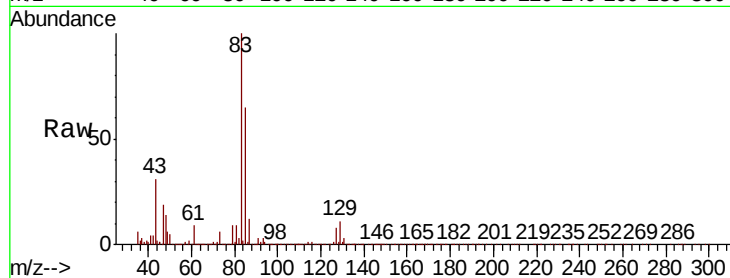
Tot Ion: 83 Resp: 127970

Ion Ratio Lower Upper

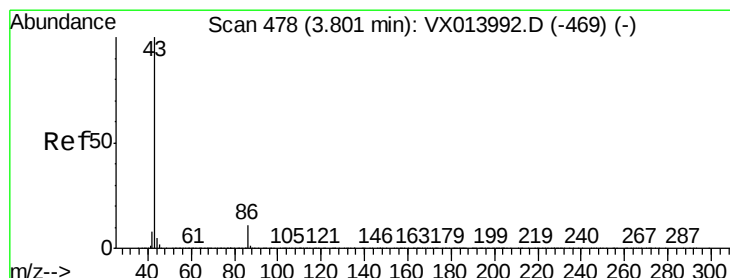
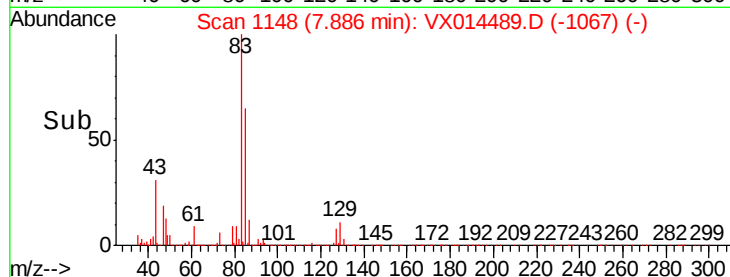
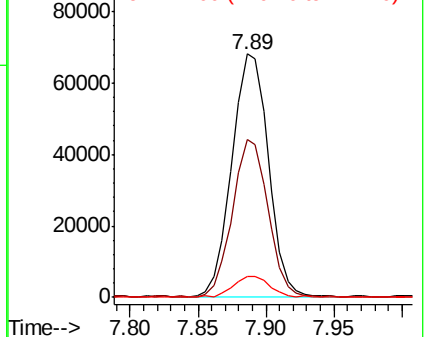
83 100

85 64.5 51.6 77.4

127 8.3 6.0 9.0



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: 98.984 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014489.D

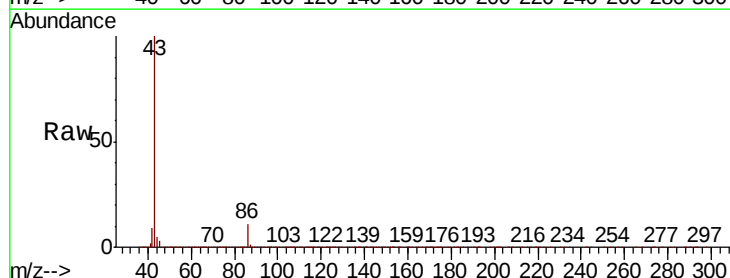
Acq: 09 Jan 2020 11:14

Tgt Ion: 43 Resp: 1316048

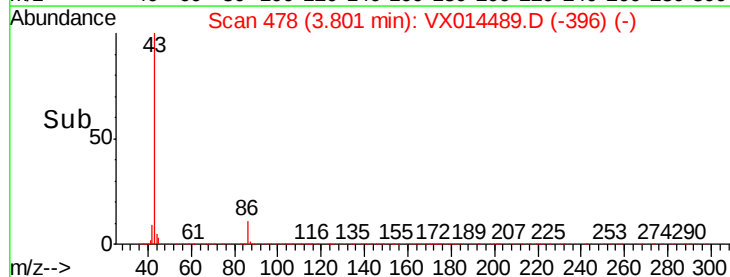
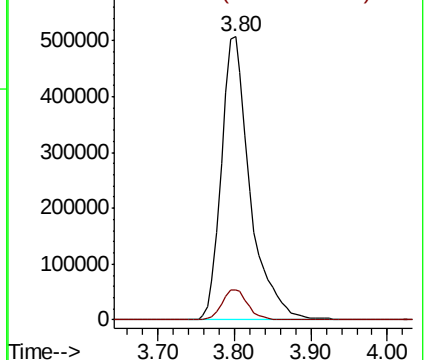
Ion Ratio Lower Upper

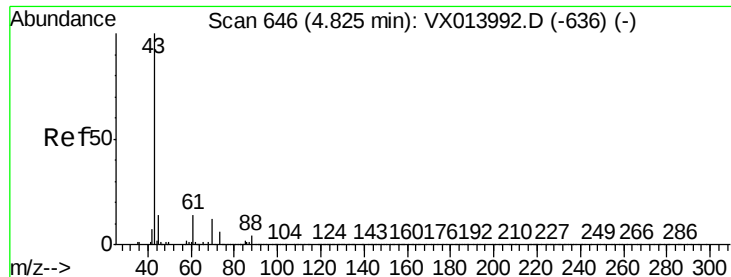
43 100

86 9.6 7.7 11.5



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

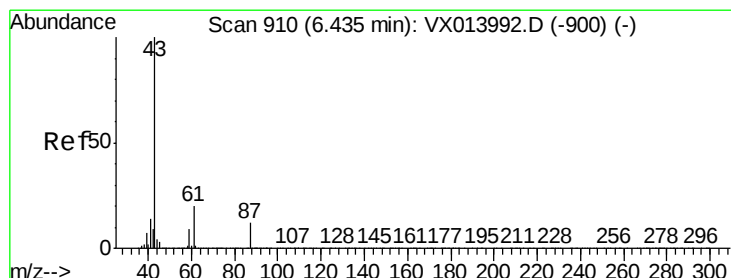
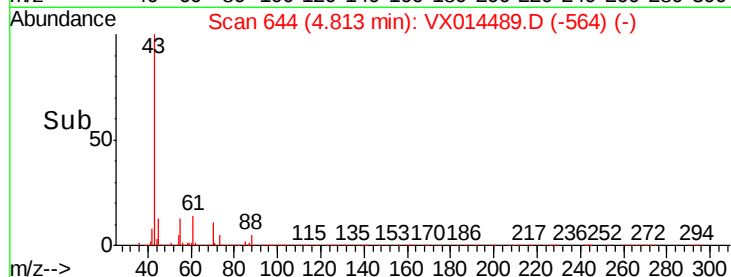
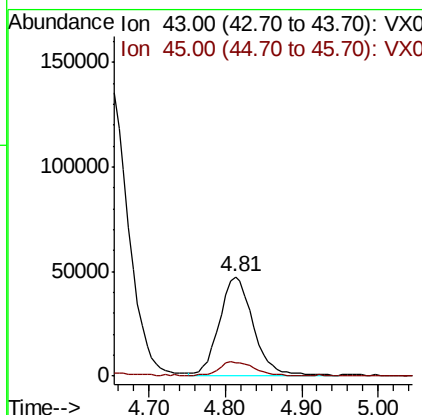
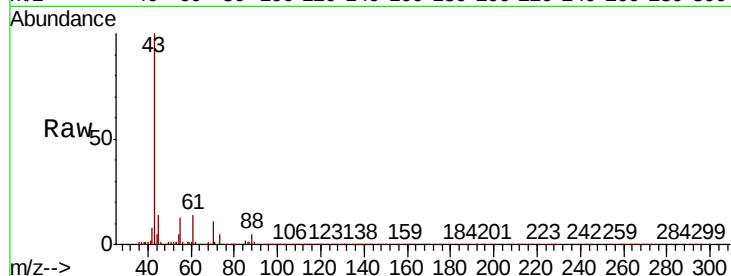




#43
Ethyl Acetate
Concen: 19.969 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

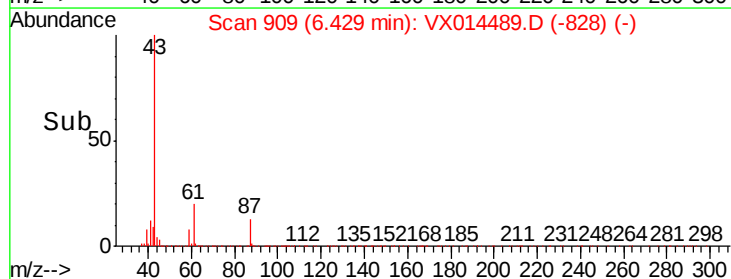
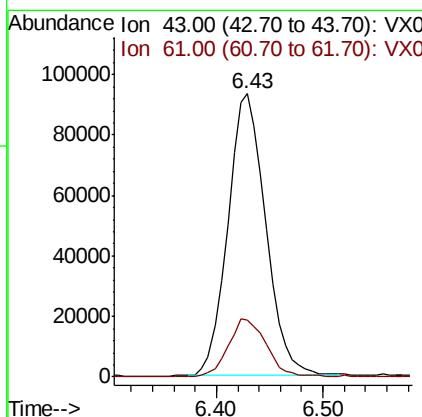
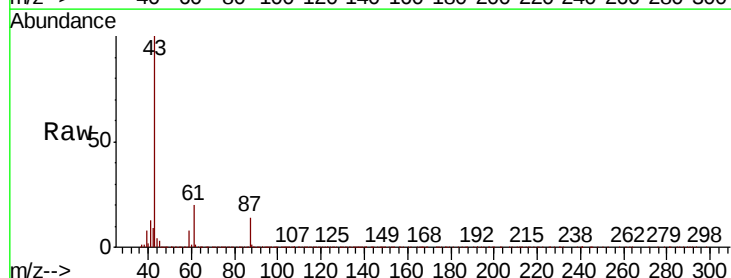
Instrument :
MSVOA_X
ClientSampleId :

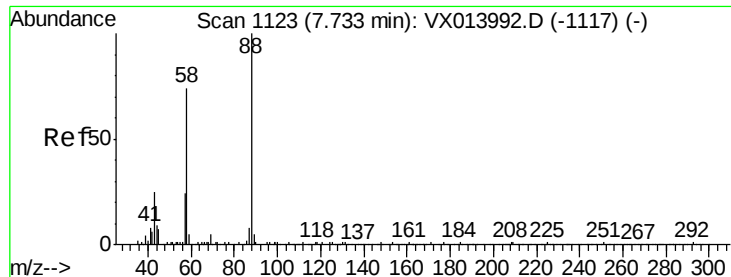
Tot Ion: 43 Resp: 144300
Ion Ratio Lower Upper
43 100
45 14.3 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.208 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion: 43 Resp: 232468
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9





#45

1,4-Dioxane

Concen: 428.932 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

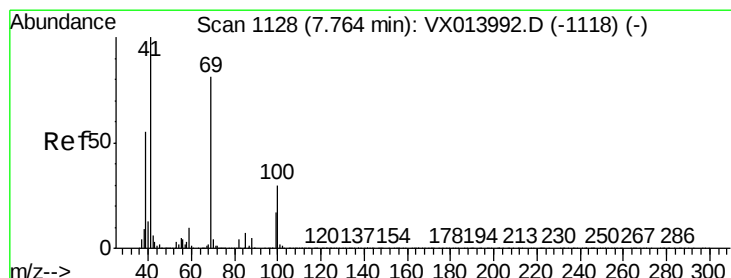
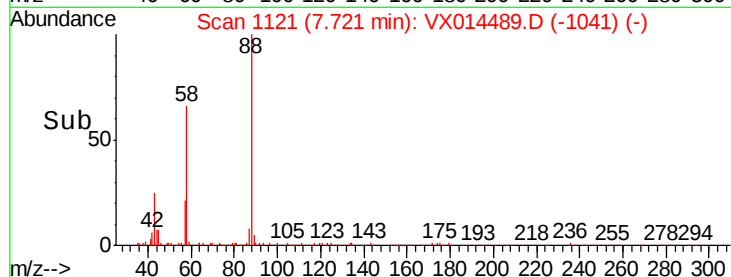
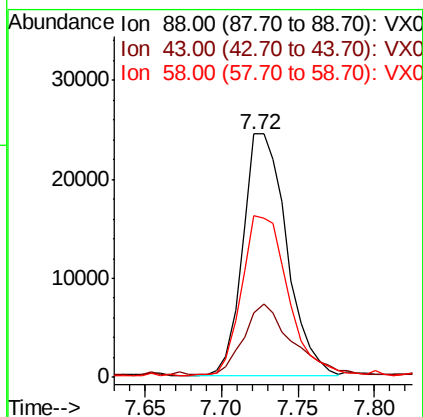
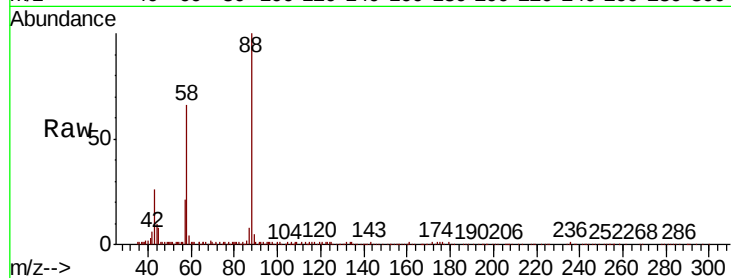
Tot Ion: 88 Resp: 48613

Ion Ratio Lower Upper

88 100

43 32.4 25.4 38.2

58 70.0 56.5 84.7



#46

Methyl methacrylate

Concen: 18.908 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

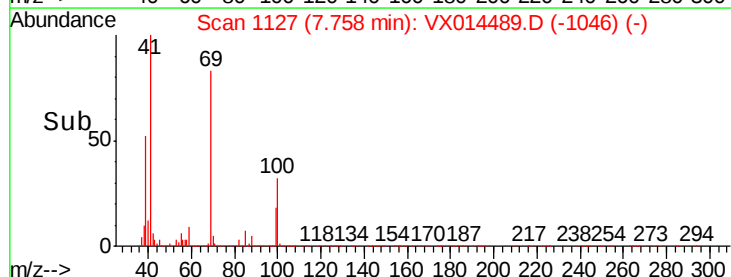
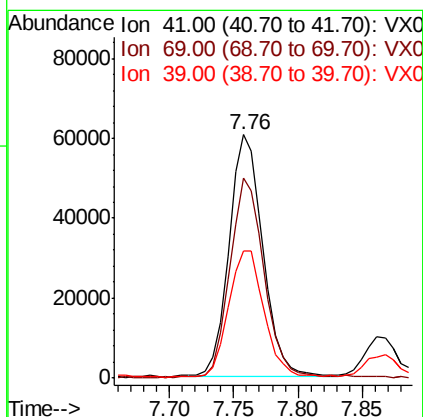
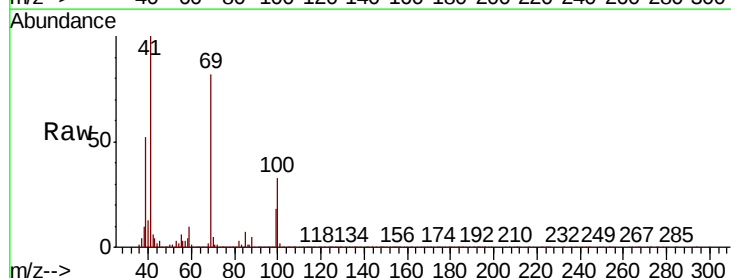
Tgt Ion: 41 Resp: 111154

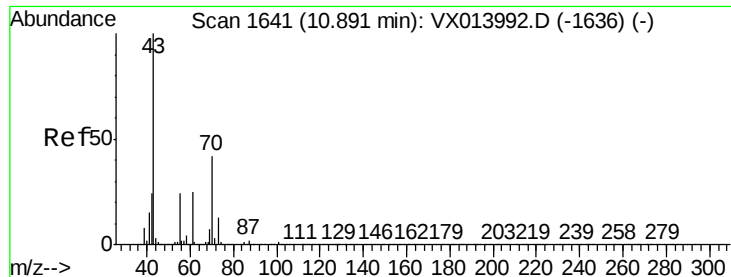
Ion Ratio Lower Upper

41 100

69 82.5 40.6 122.0

39 51.9 27.8 83.3

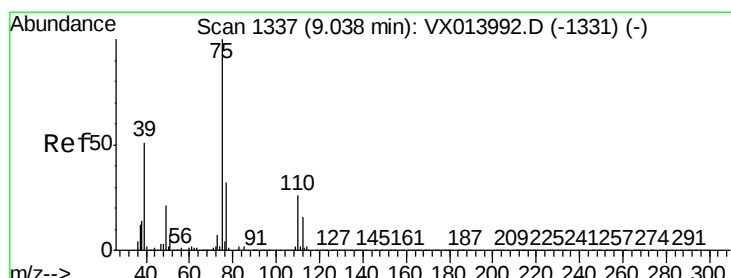
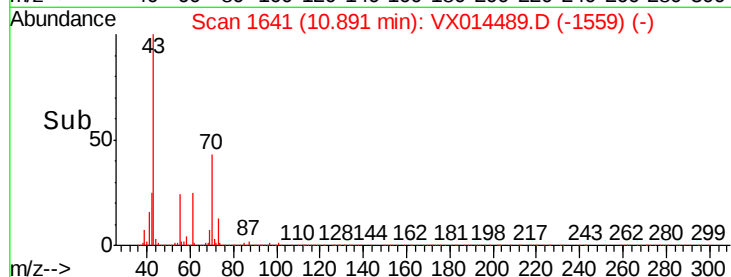
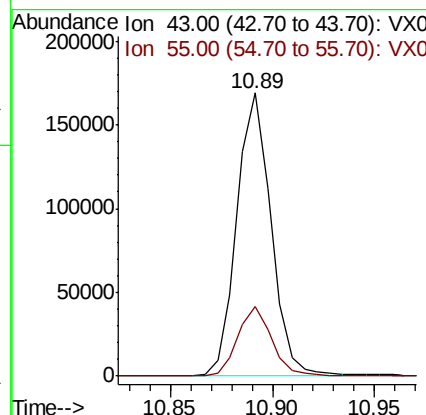
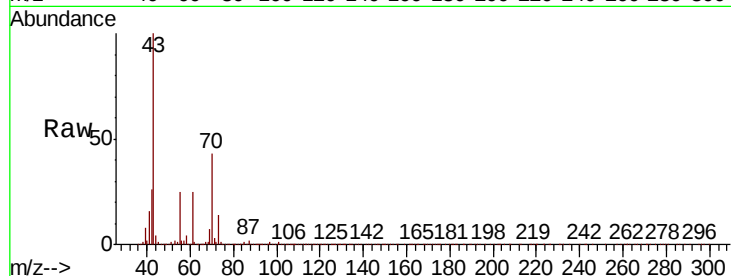




#47
n-amvl Acetate
Concen: 18.114 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

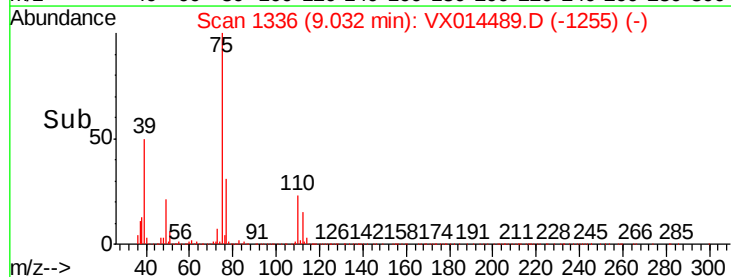
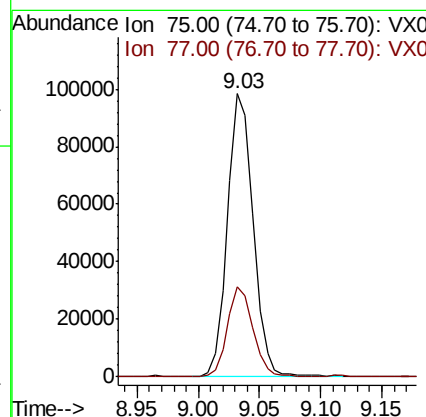
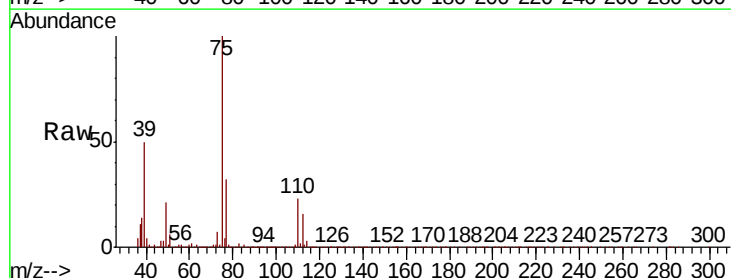
Instrument :
MSVOA_X
ClientSampleId :

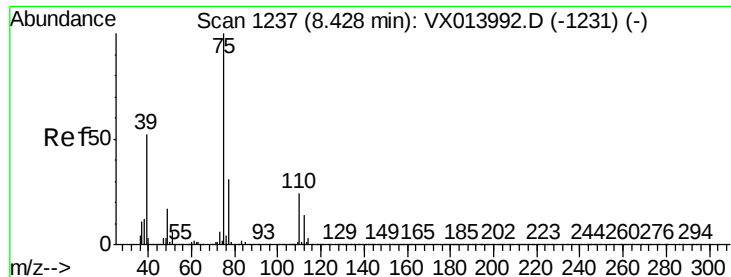
Tot Ion: 43 Resp: 194930
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 20.370 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion: 75 Resp: 142292
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0



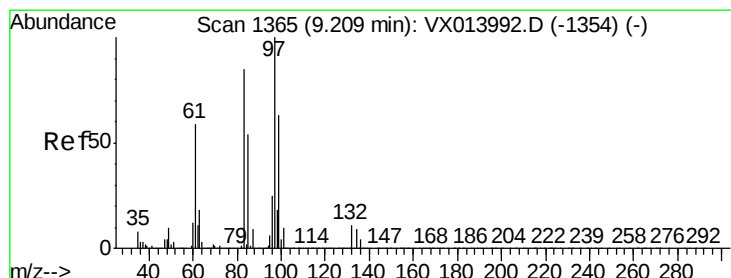
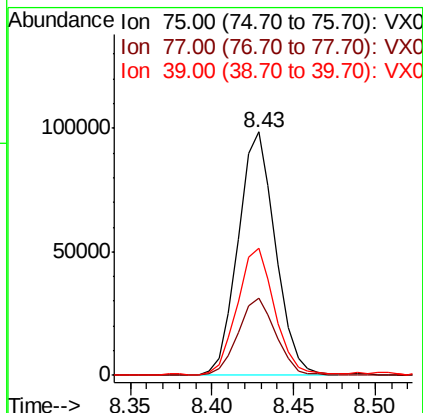
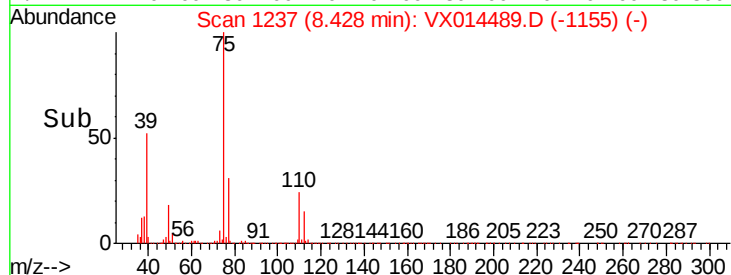
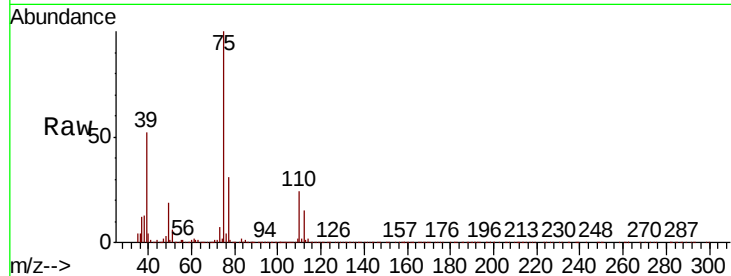


#49

cis-1,3-Dichloropropene
Concen: 19.904 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampled :

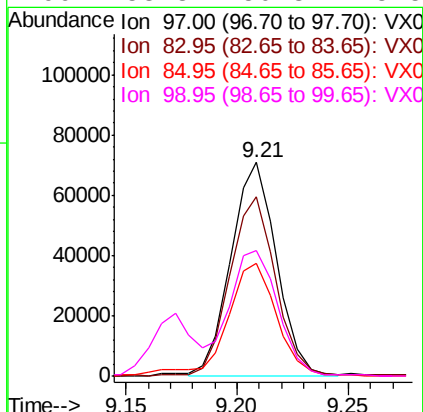
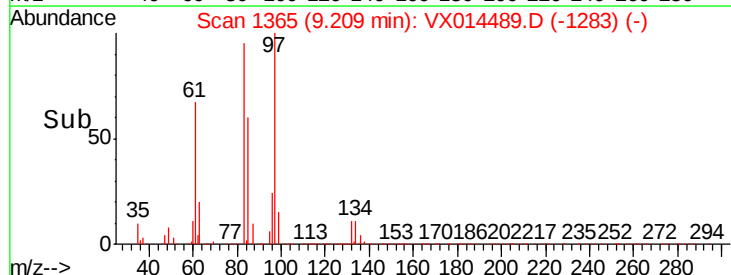
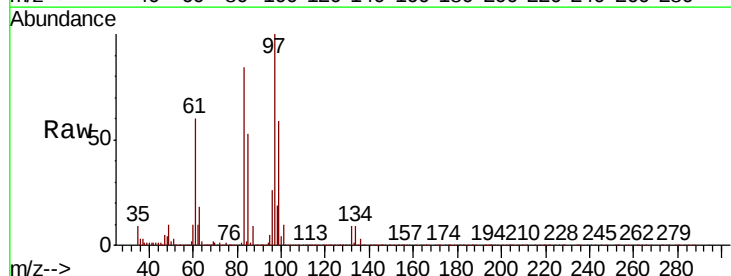
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	51.8	41.1	61.7

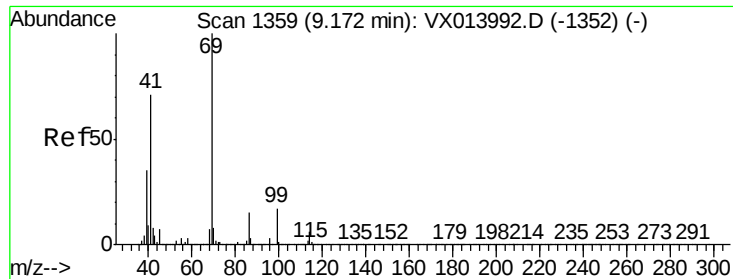


#50

1,1,2-Trichloroethane
Concen: 19.773 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.1	102.1
85	52.8	42.7	64.1
99	58.8	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.937 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampled :

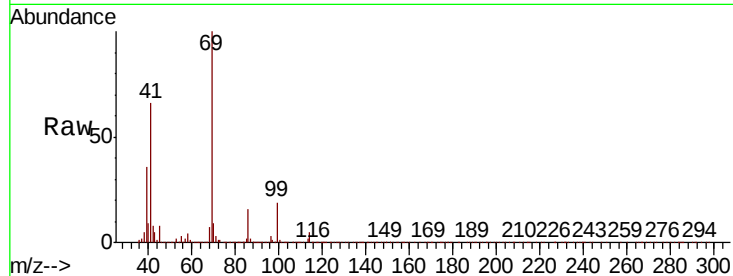
Tot Ion: 69 Resp: 153658

Ion Ratio Lower Upper

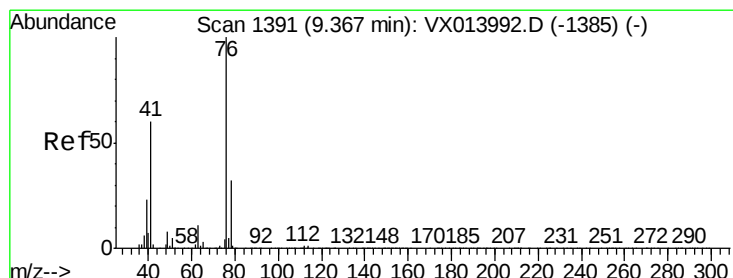
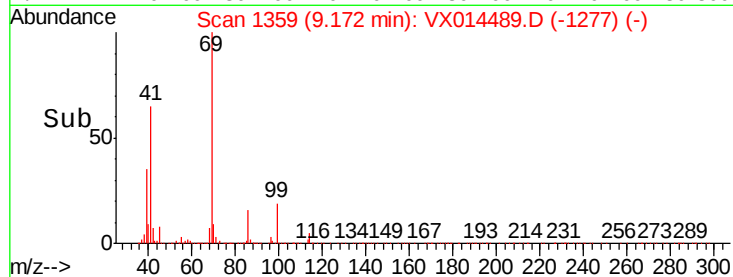
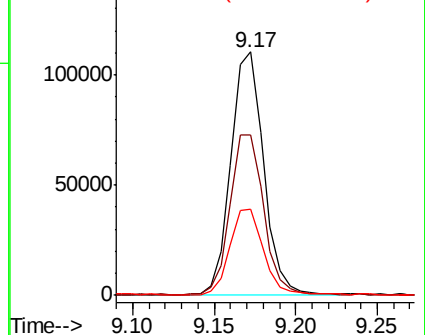
69 100

41 65.8 35.4 106.1

39 35.3 17.8 53.3



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



#52

1,3-Dichloropropane

Concen: 19.687 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014489.D

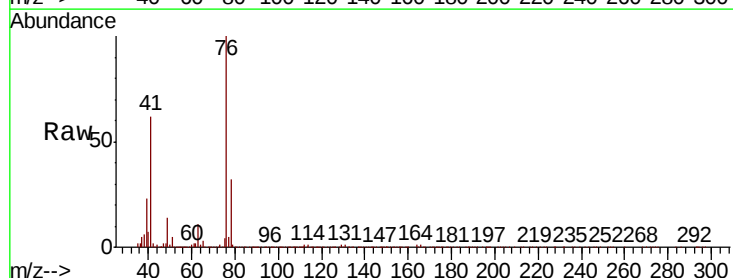
Acq: 09 Jan 2020 11:14

Tgt Ion: 76 Resp: 170622

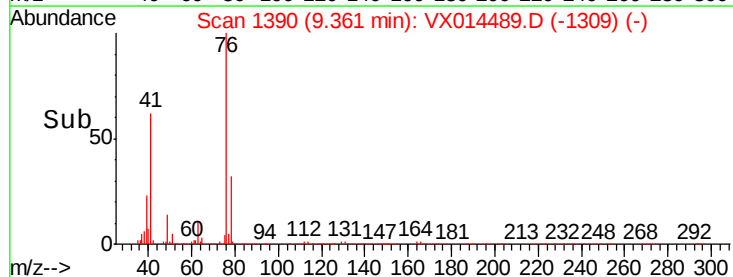
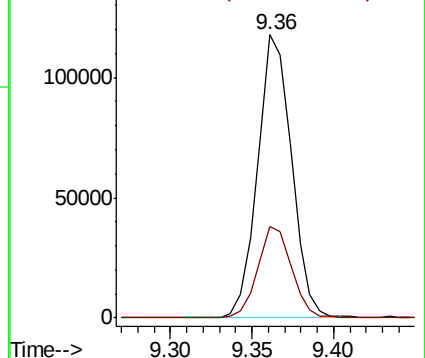
Ion Ratio Lower Upper

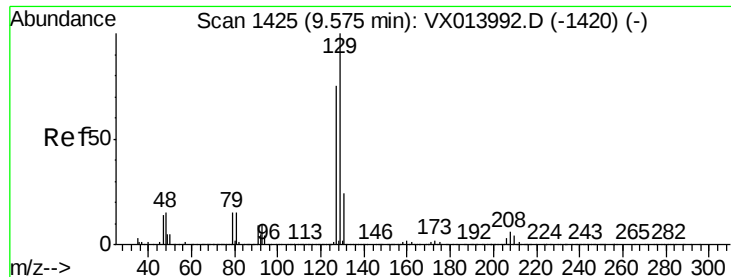
76 100

78 32.1 0.0 63.4



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





#53

Dibromochloromethane

Concen: 19.718 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

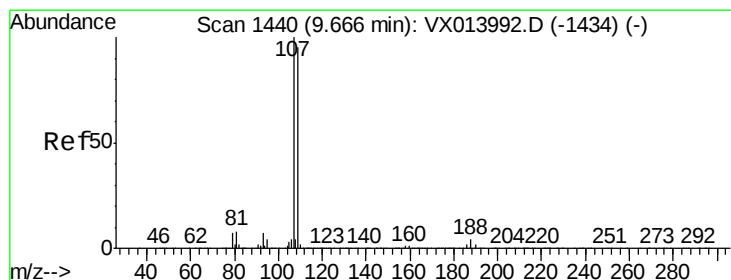
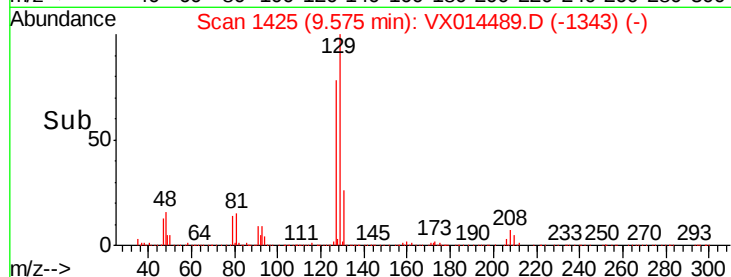
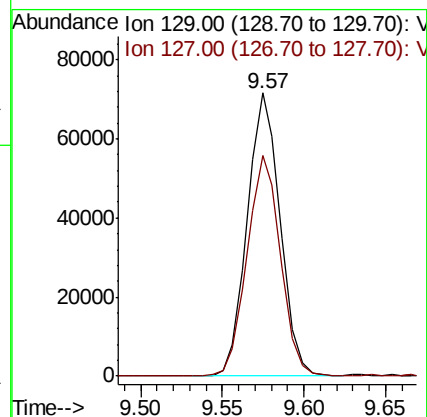
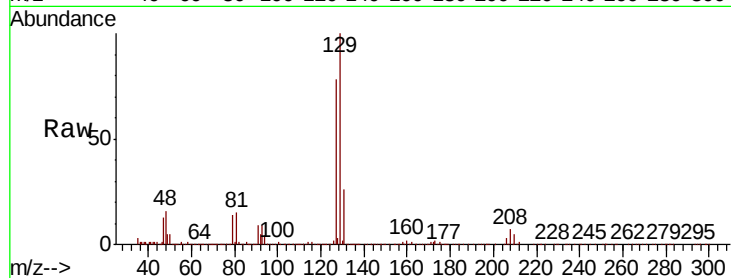
ClientSampleId :

Tot Ion:129 Resp: 100577

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.5



#54

1,2-Dibromoethane

Concen: 19.774 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014489.D

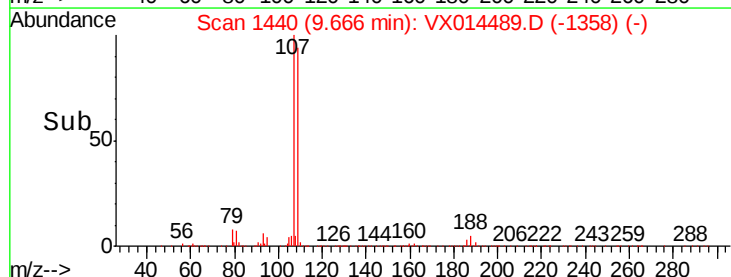
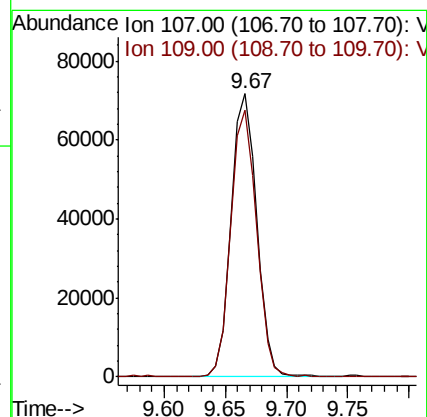
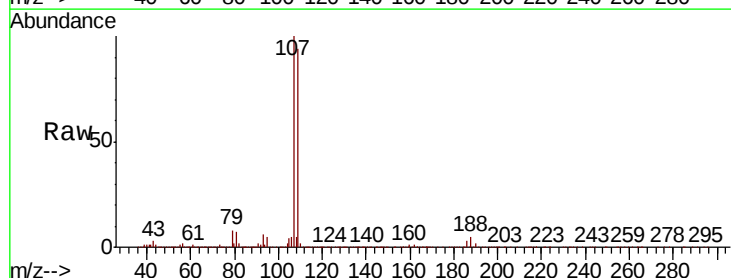
Acq: 09 Jan 2020 11:14

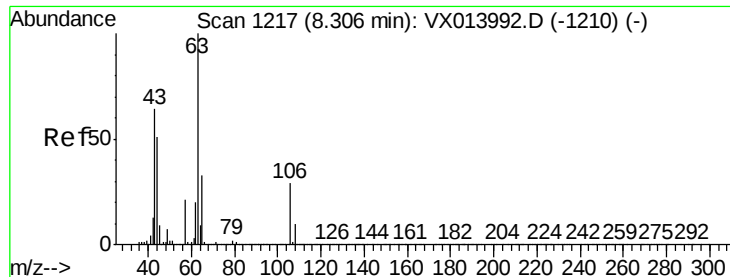
Tgt Ion:107 Resp: 103858

Ion Ratio Lower Upper

107 100

109 94.2 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 95.330 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

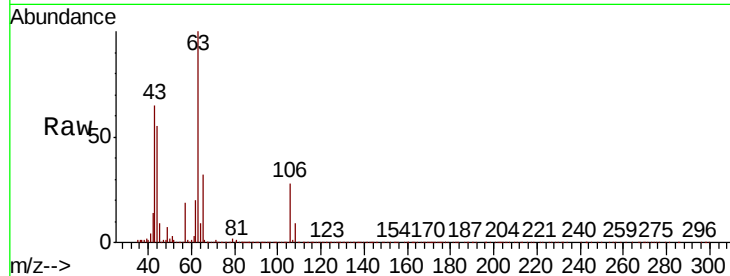
Tot Ion: 63 Resp: 340983

Ion Ratio Lower Upper

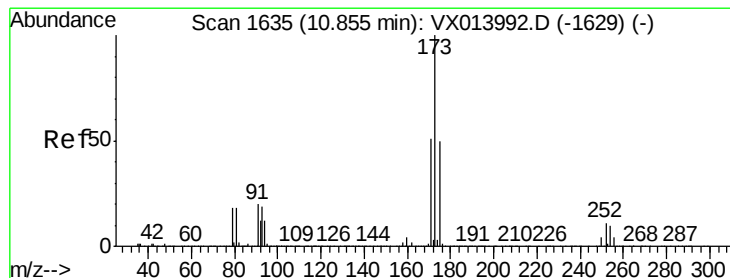
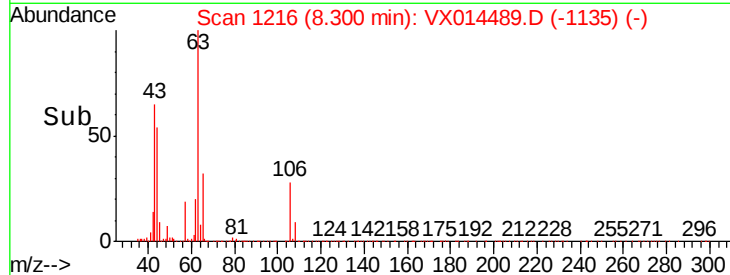
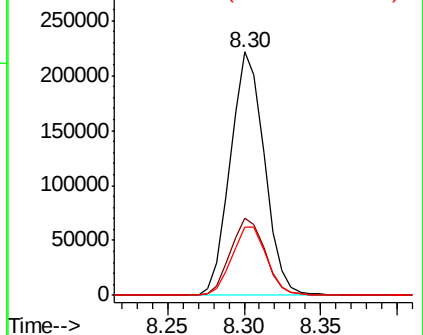
63 100

65 32.5 25.8 38.6

106 28.9 22.9 34.3



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 18.739 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

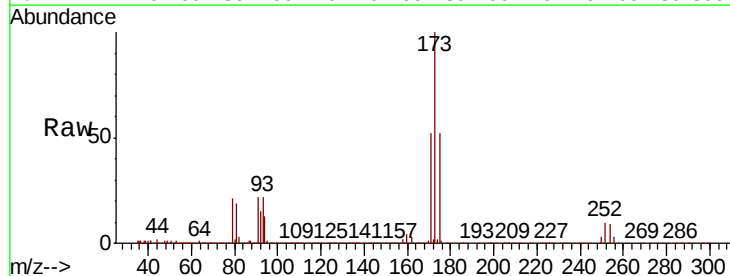
Tgt Ion: 173 Resp: 74538

Ion Ratio Lower Upper

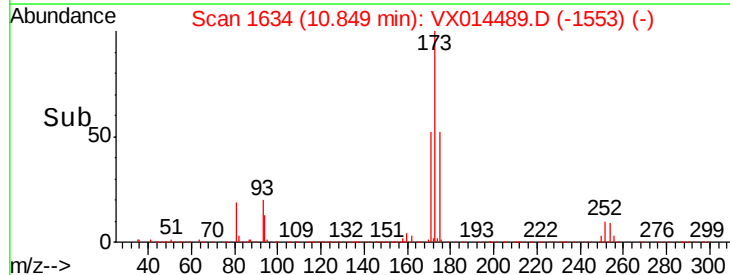
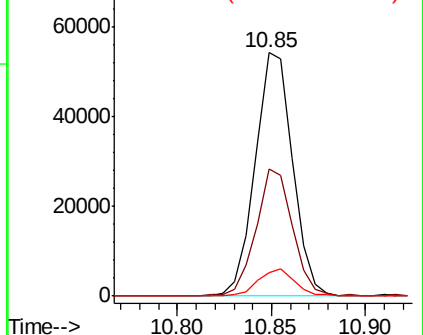
173 100

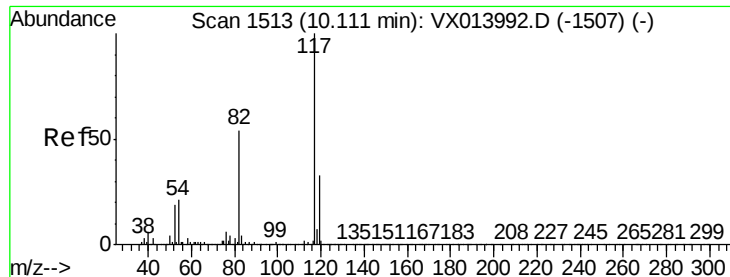
175 51.0 39.5 59.3

254 11.1 8.2 12.4



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

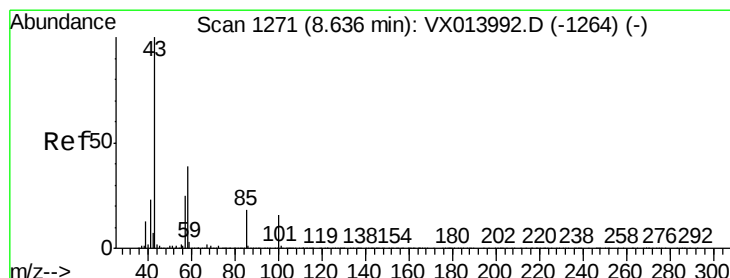
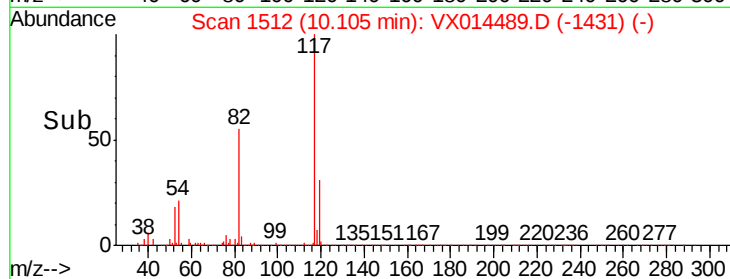
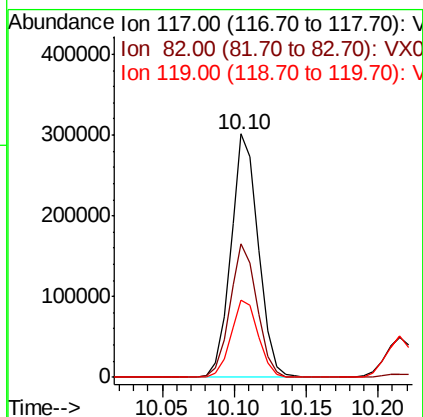
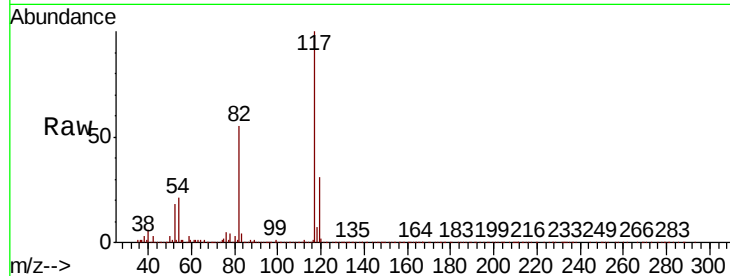




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

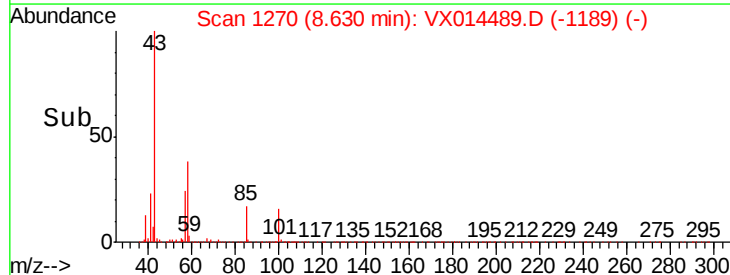
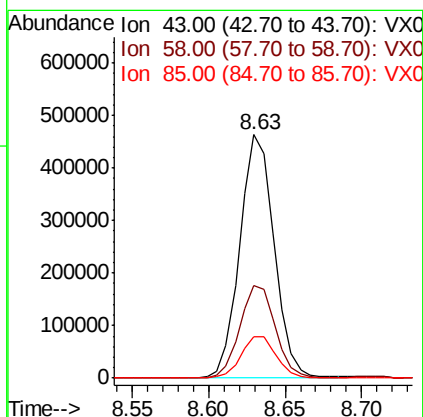
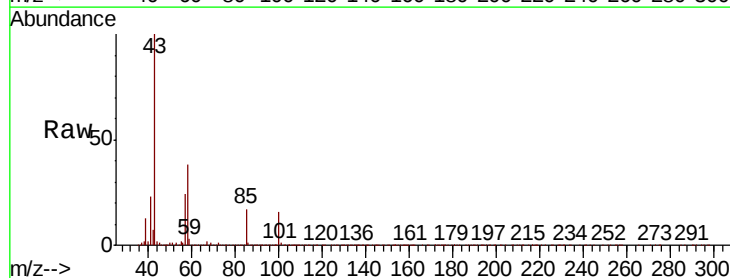
Instrument :
MSVOA_X
ClientSampleId :

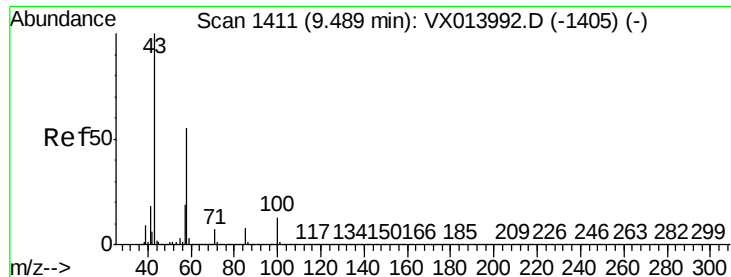
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.7	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 96.751 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.2	46.8
85	17.5	14.2	21.2

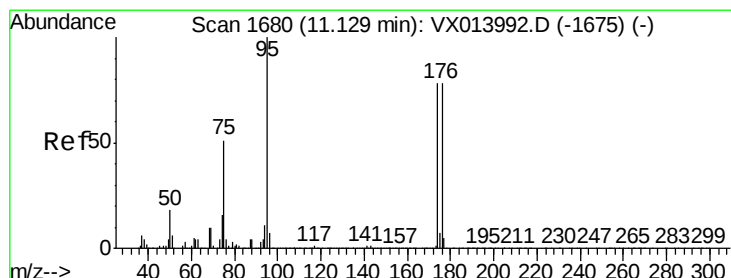
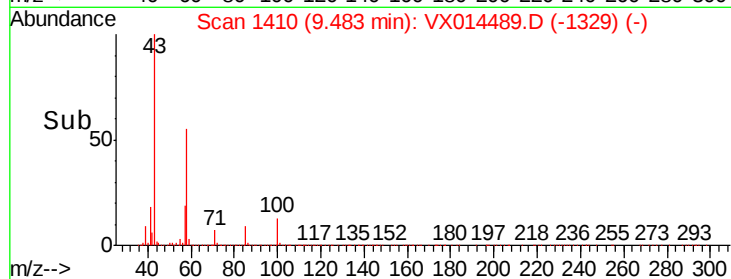
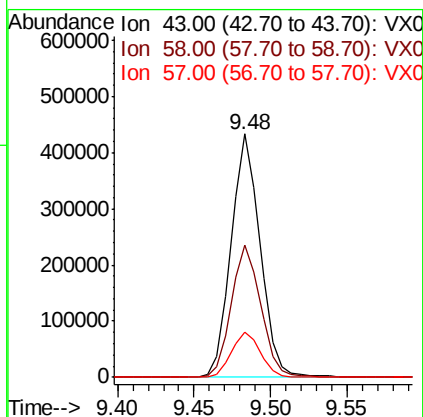
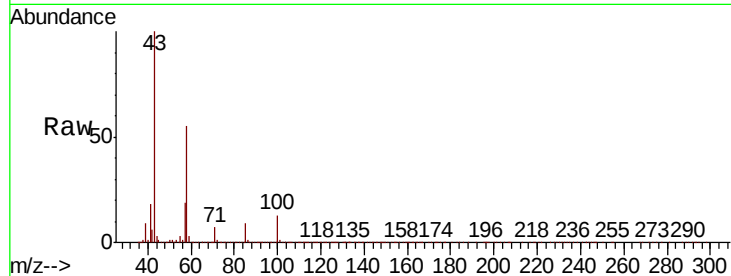




#59
2-Hexanone
Concen: 99.923 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

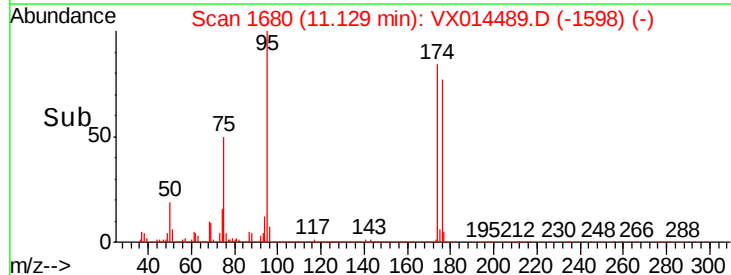
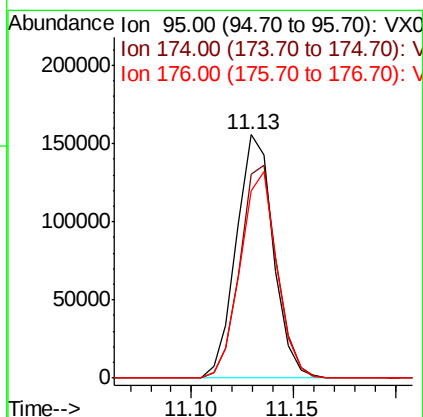
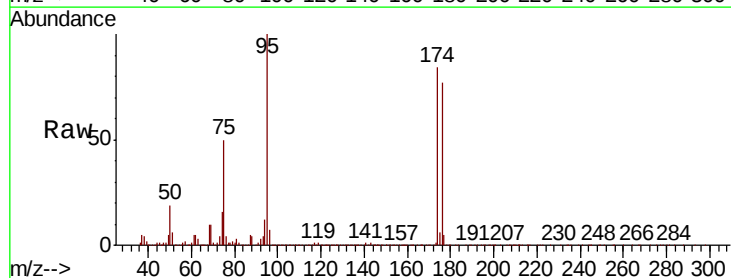
Instrument :
MSVOA_X
ClientSampleId :

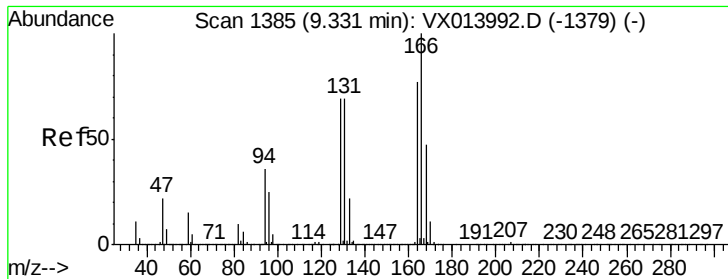
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	18.9	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 30.367 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.9	70.2	105.2
176	84.1	68.3	102.5





#61

Tetrachloroethene

Concen: 23.374 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 123538

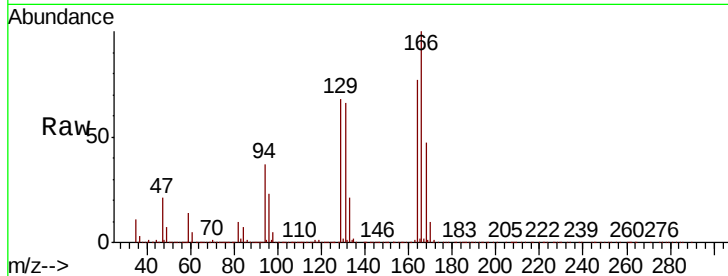
Ion Ratio Lower Upper

164 100

166 130.5 104.2 156.2

129 88.8 71.6 107.4

131 85.7 71.7 107.5

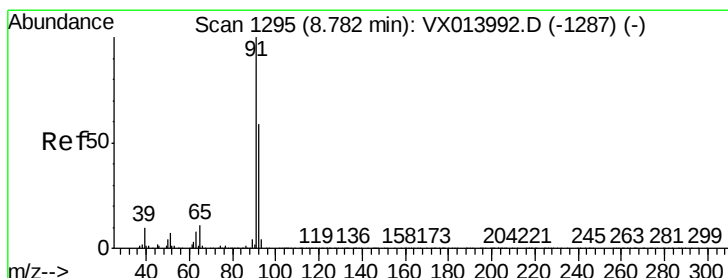
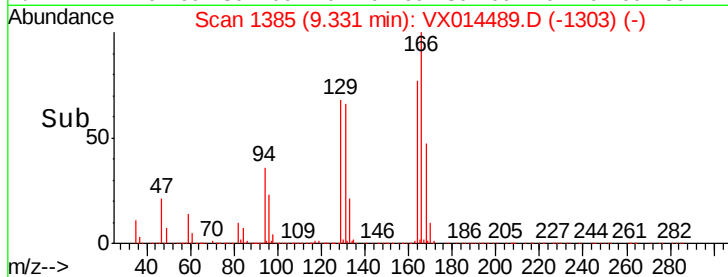
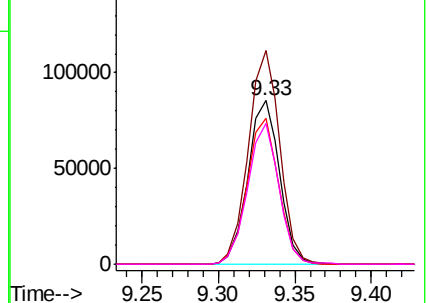


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.187 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014489.D

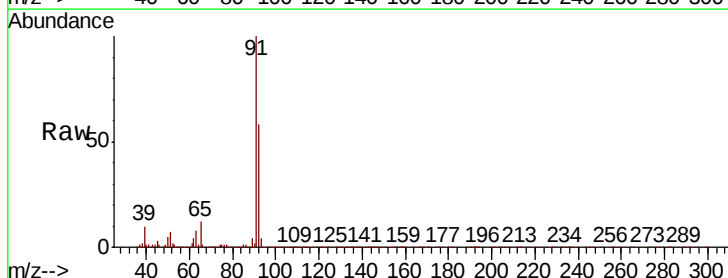
Acq: 09 Jan 2020 11:14

Tgt Ion: 91 Resp: 428949

Ion Ratio Lower Upper

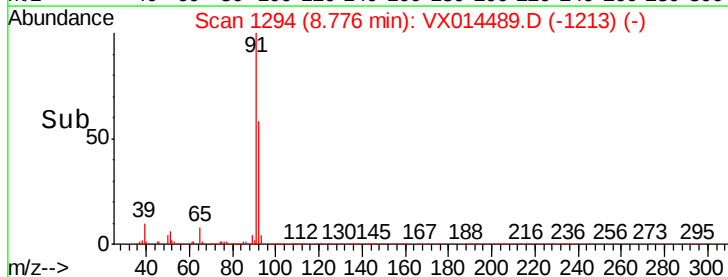
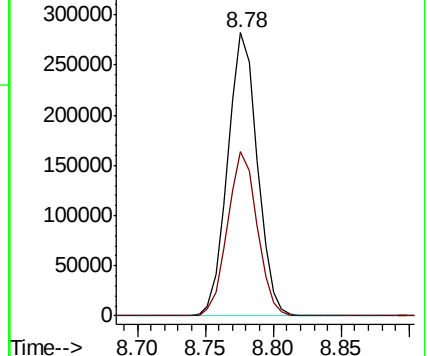
91 100

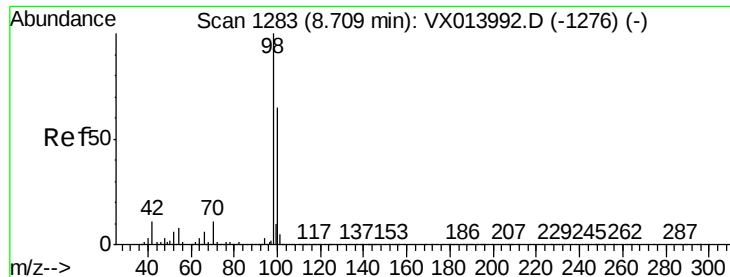
92 57.9 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.269 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

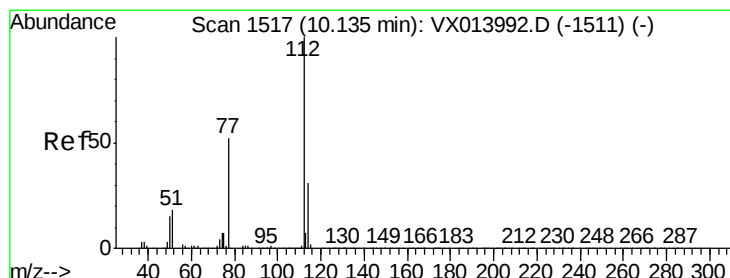
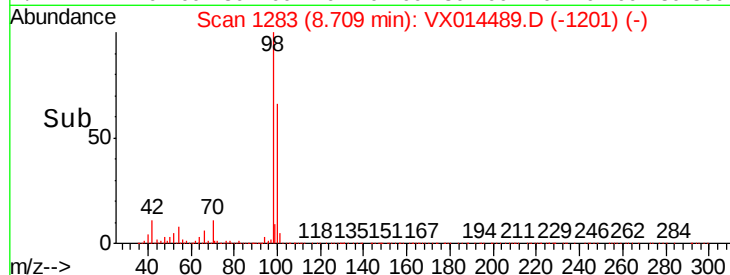
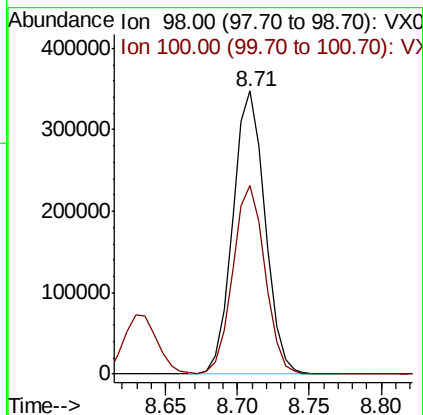
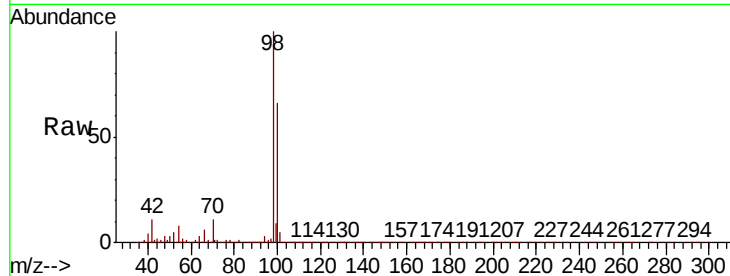
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 540553

Ion Ratio Lower Upper

98 100

100 66.6 52.2 78.2



#64

Chlorobenzene

Concen: 20.285 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014489.D

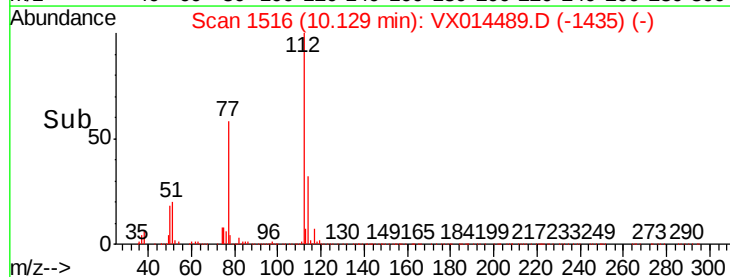
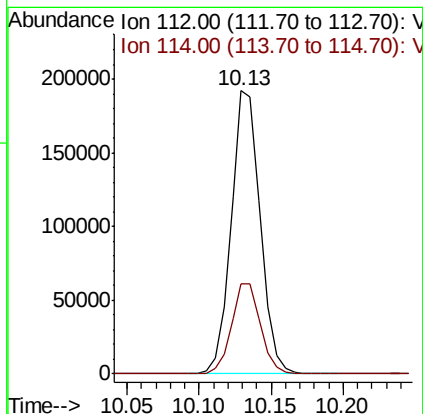
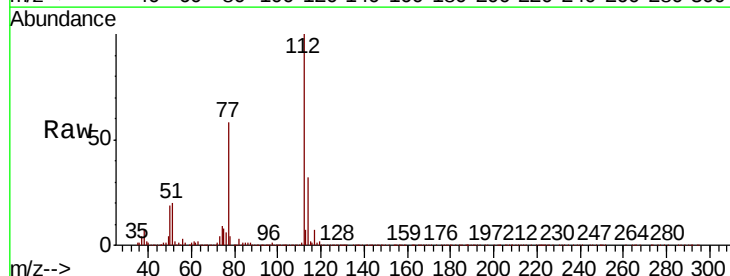
Acq: 09 Jan 2020 11:14

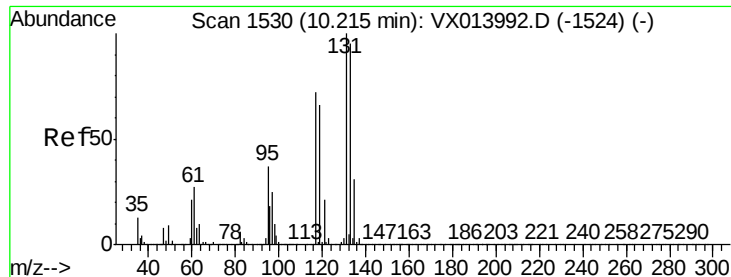
Tgt Ion: 112 Resp: 270047

Ion Ratio Lower Upper

112 100

114 31.8 24.4 36.6

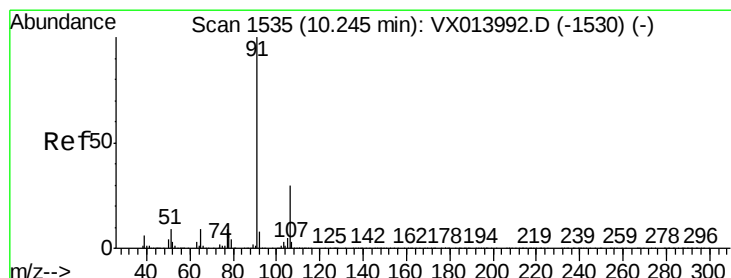
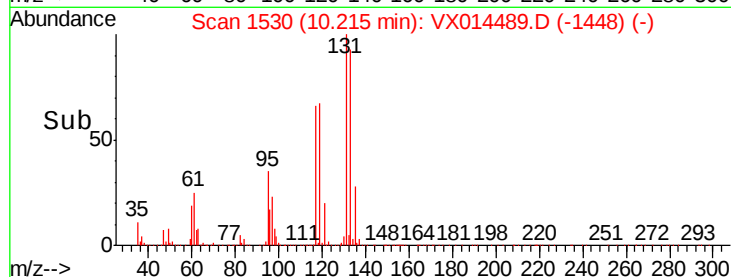
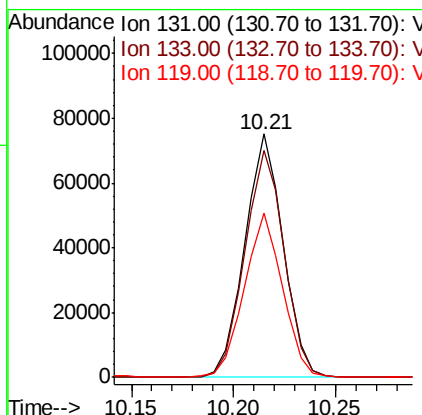
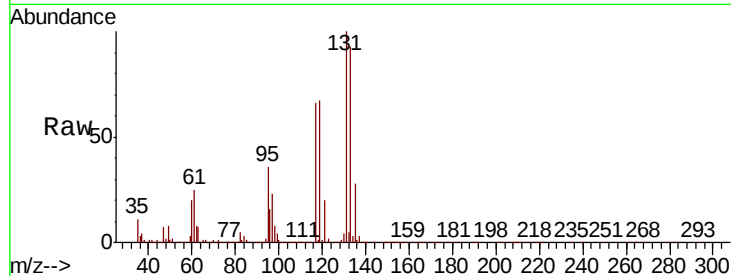




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.946 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

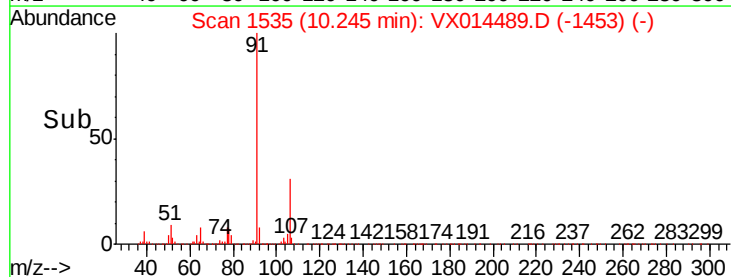
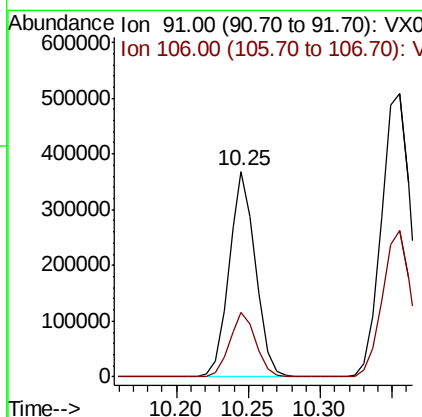
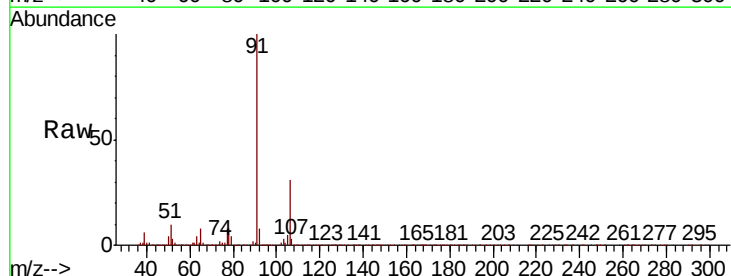
Instrument :
 MSVOA_X
 ClientSampleId :

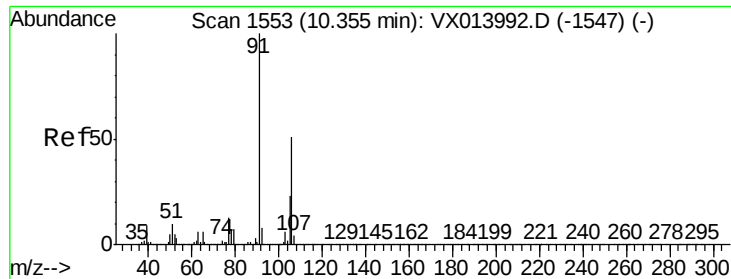
Tot Ion:131 Resp: 98323
 Ion Ratio Lower Upper
 131 100
 133 95.4 0.0 189.8
 119 66.9 0.0 132.2



#66
 Ethyl Benzene
 Concen: 20.236 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

Tgt Ion: 91 Resp: 470569
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.2 36.2

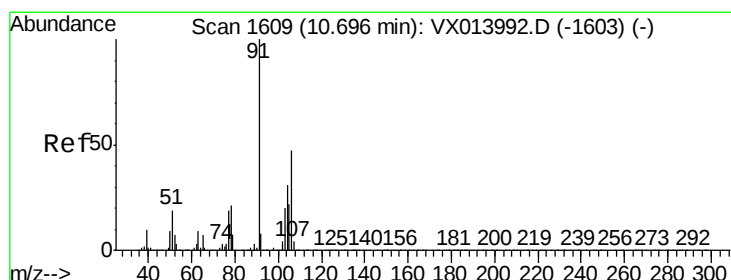
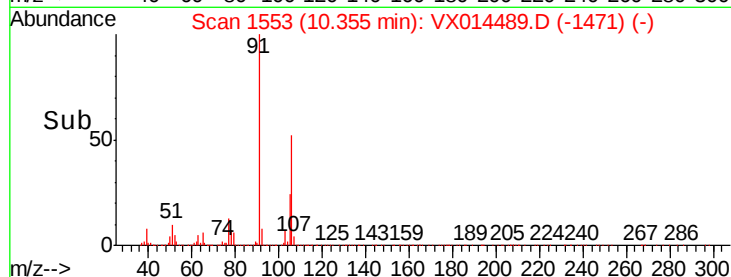
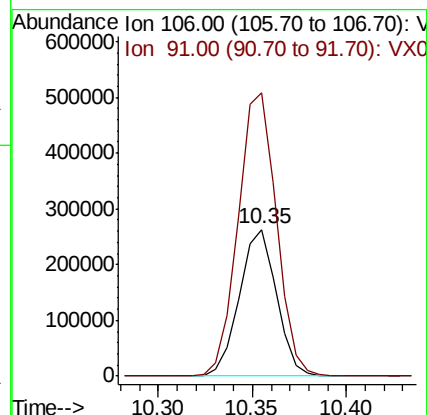
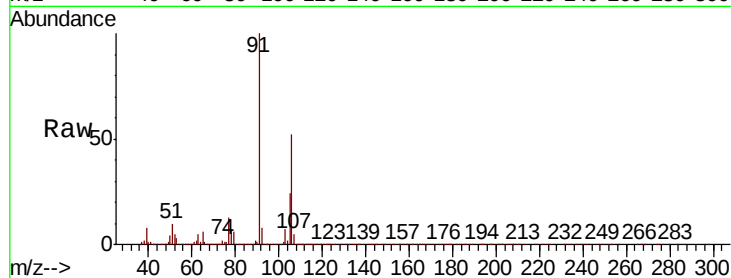




#67
m/p-Xylenes
Concen: 40.368 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

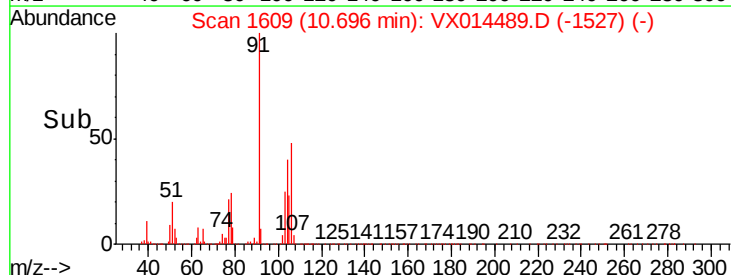
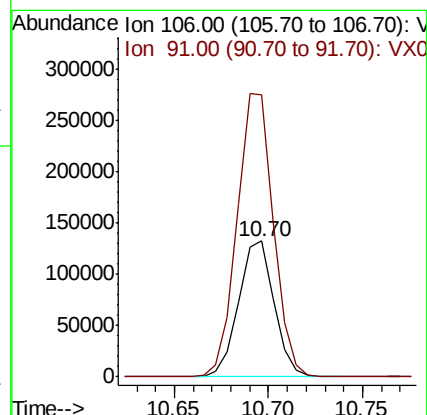
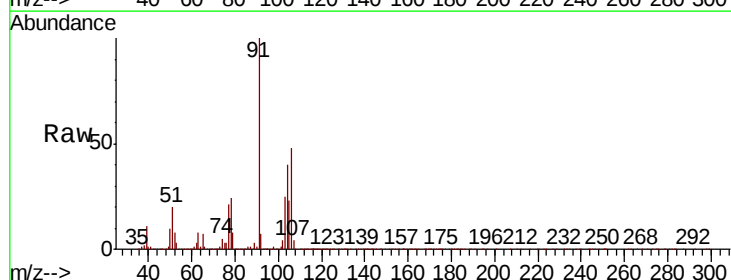
Instrument :
MSVOA_X
ClientSampleId :

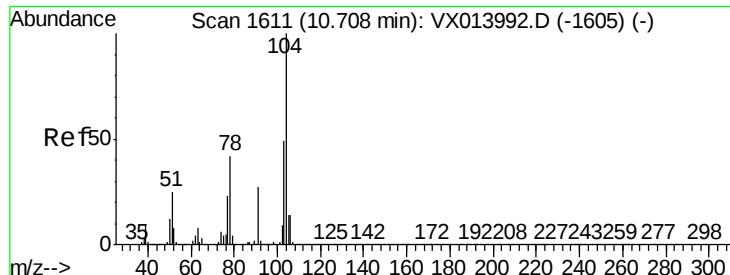
Tot Ion:106 Resp: 358846
Ion Ratio Lower Upper
106 100
91 199.3 159.3 238.9



#68
o-Xylene
Concen: 19.593 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion:106 Resp: 172542
Ion Ratio Lower Upper
106 100
91 213.7 104.8 314.6

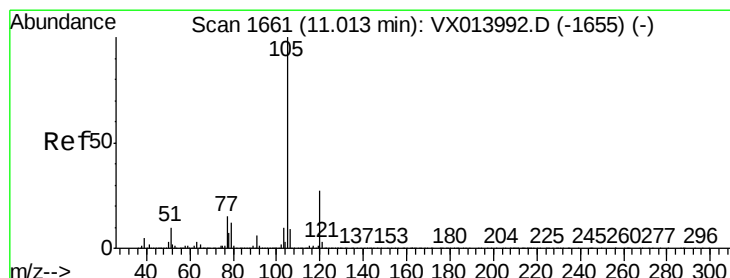
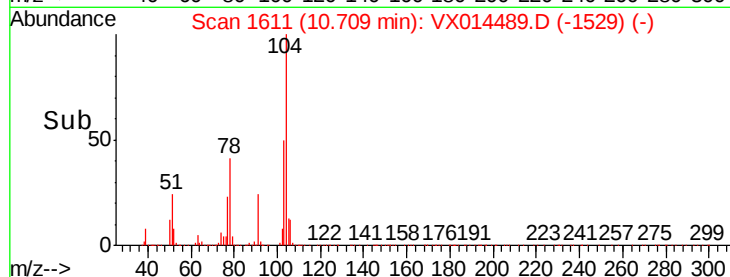
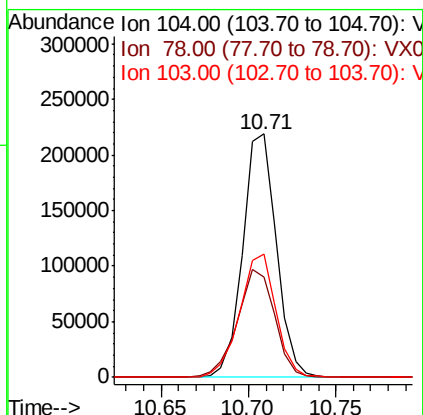
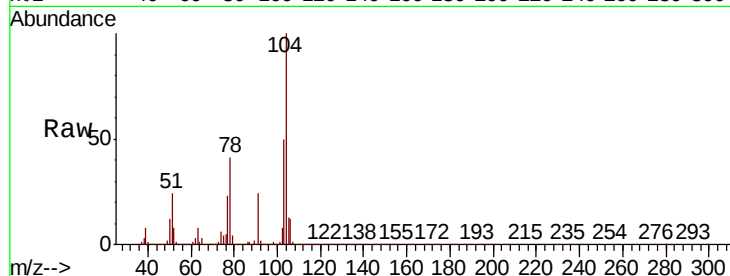




#69
Stvrene
Concen: 19.482 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

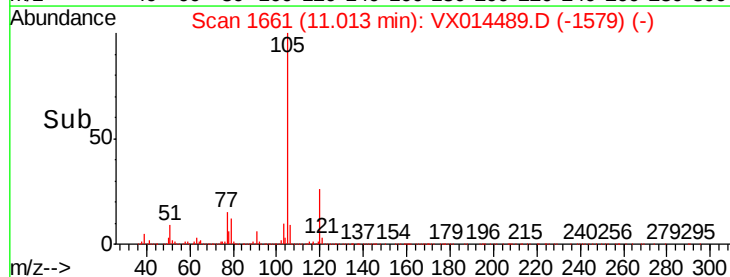
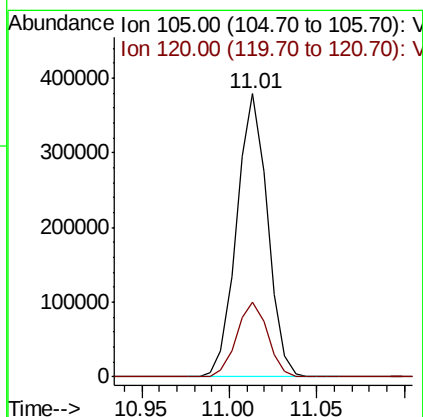
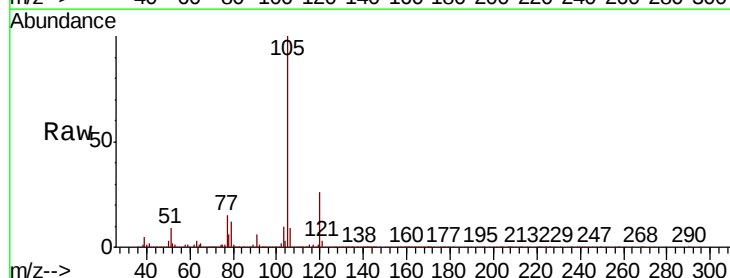
Instrument :
MSVOA_X
ClientSampleId :

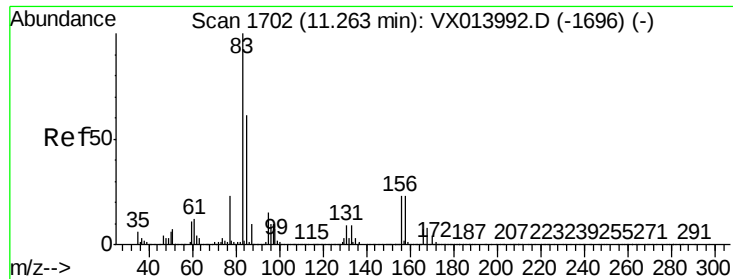
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	38.9	58.3
103	54.4	44.2	66.2



#70
Isopropylbenzene
Concen: 20.383 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014489.D
Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 17.821 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

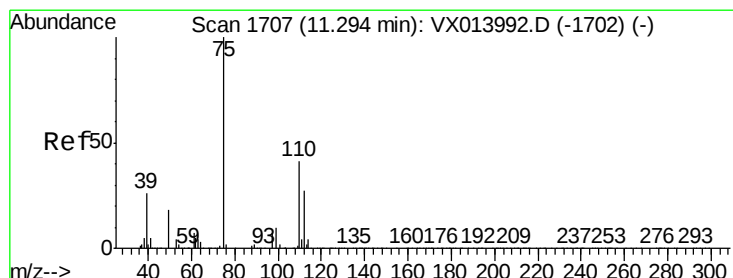
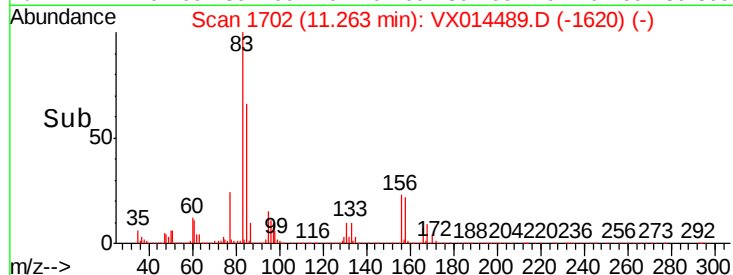
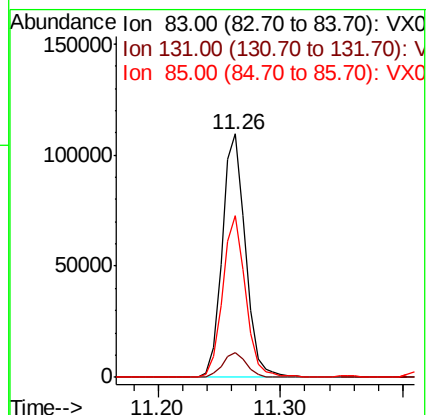
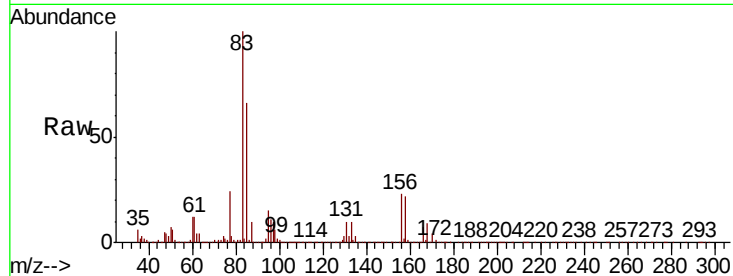
Tot Ion: 83 Resp: 143820

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 65.1 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 23.390 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014489.D

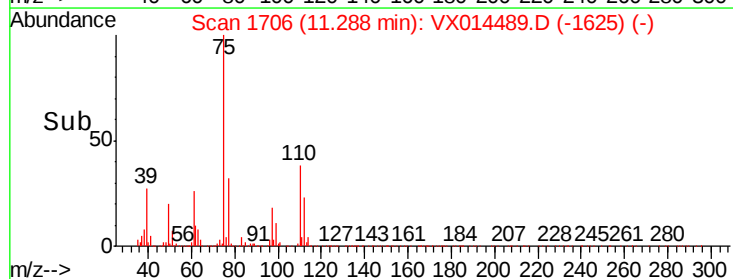
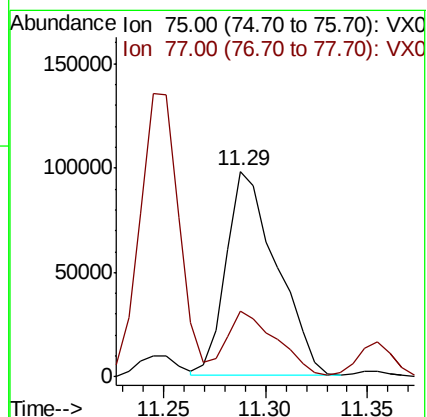
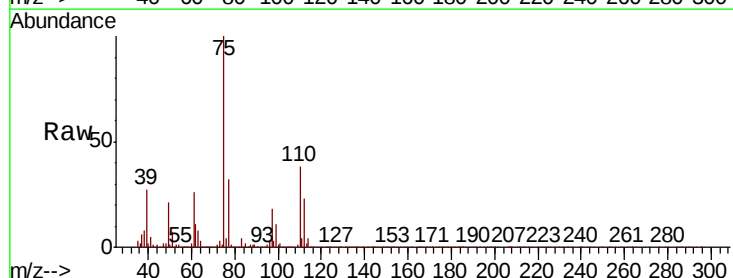
Acq: 09 Jan 2020 11:14

Tgt Ion: 75 Resp: 168021

Ion Ratio Lower Upper

75 100

77 30.6 0.0 68.4





#73

Bromobenzene

Concen: 19.506 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

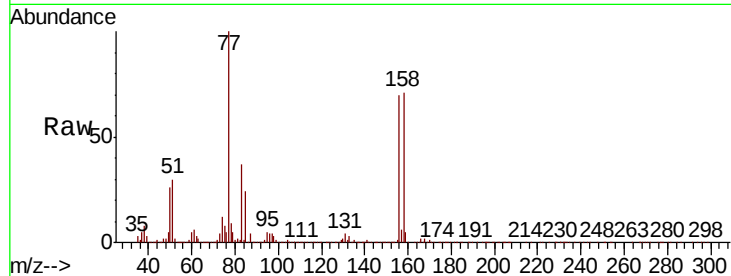
Tot Ion:156 Resp: 118497

Ion Ratio Lower Upper

156 100

77 152.1 0.0 304.6

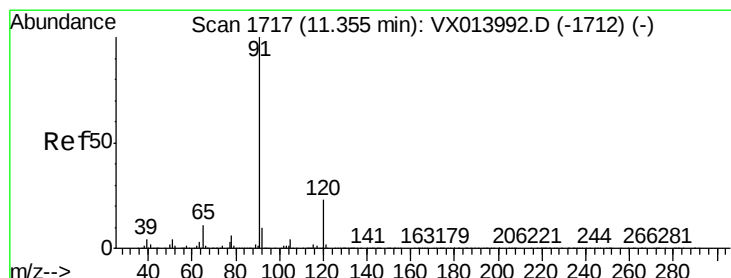
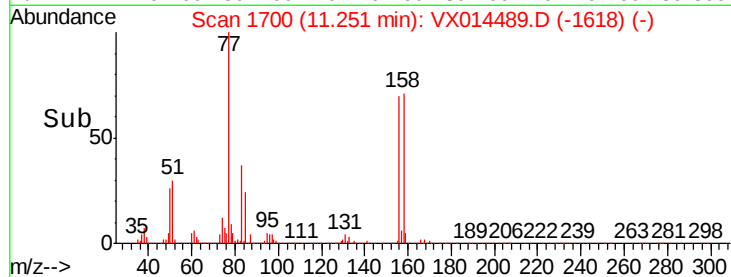
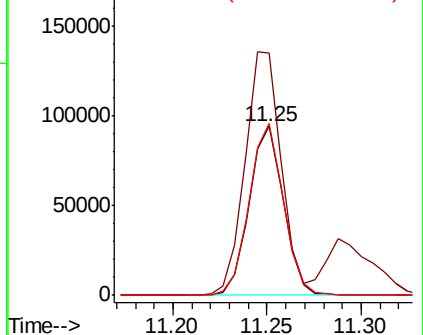
158 101.6 0.0 195.2



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: 20.485 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014489.D

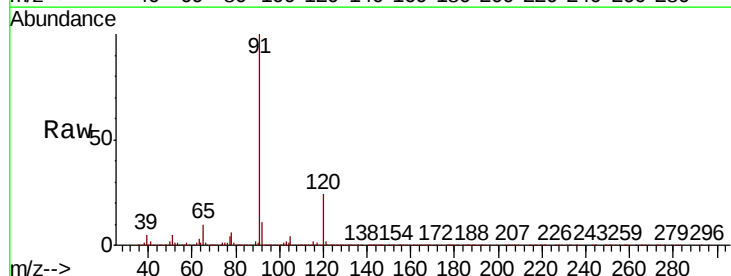
Acq: 09 Jan 2020 11:14

Tgt Ion: 91 Resp: 528754

Ion Ratio Lower Upper

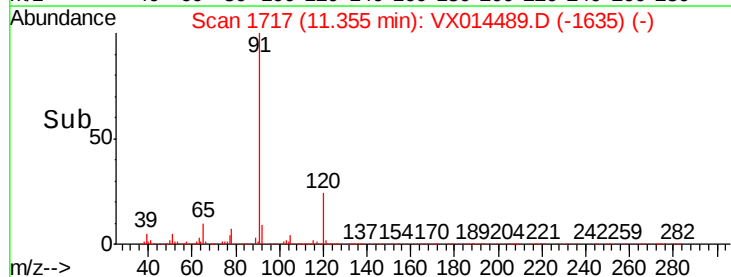
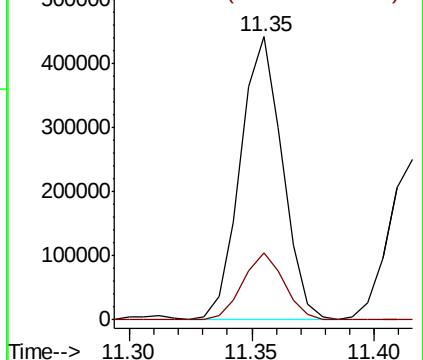
91 100

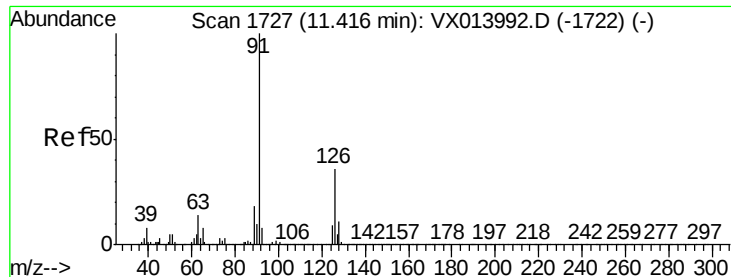
120 23.3 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.241 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

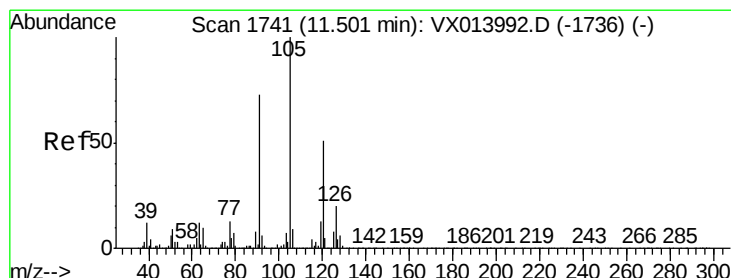
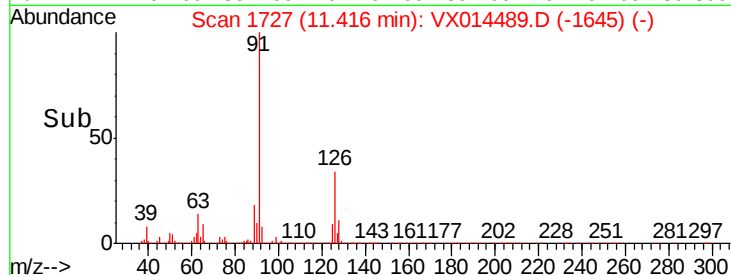
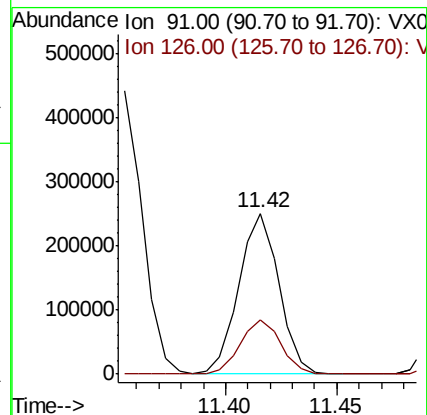
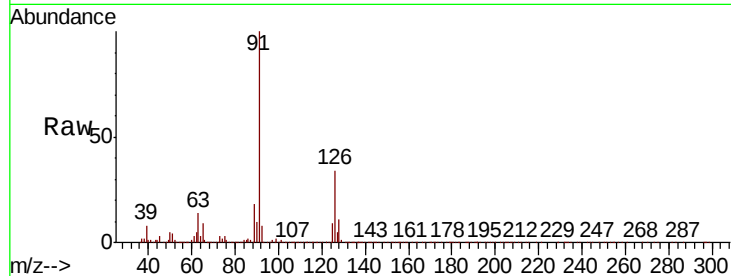
ClientSampleId :

Tot Ion: 91 Resp: 315671

Ion Ratio Lower Upper

91 100

126 34.0 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 20.127 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014489.D

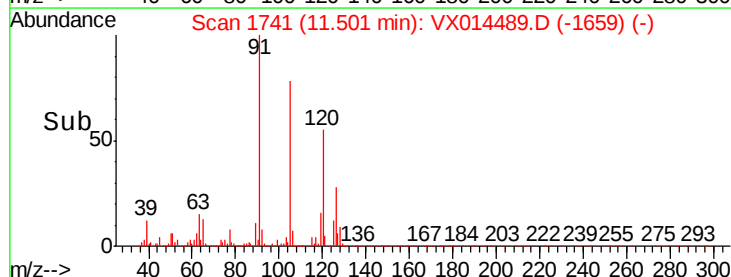
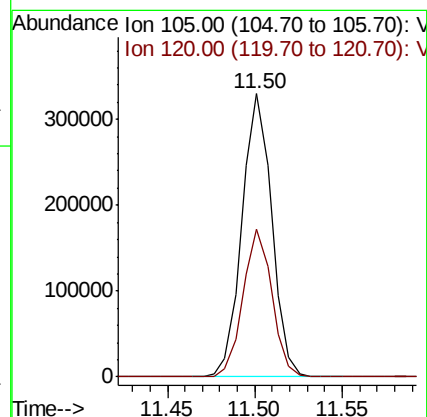
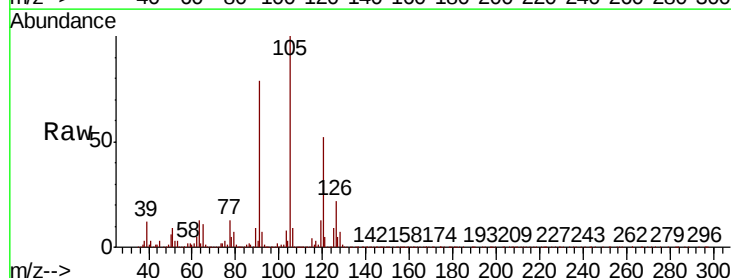
Acq: 09 Jan 2020 11:14

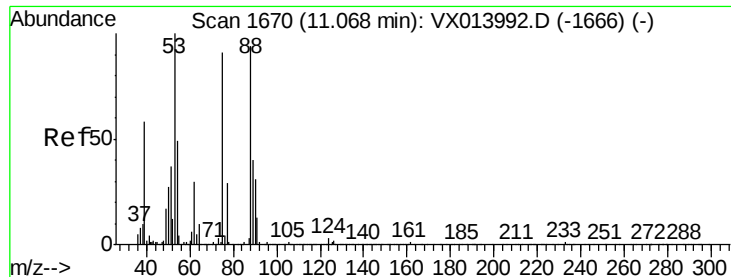
Tgt Ion: 105 Resp: 388538

Ion Ratio Lower Upper

105 100

120 50.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 20.166 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

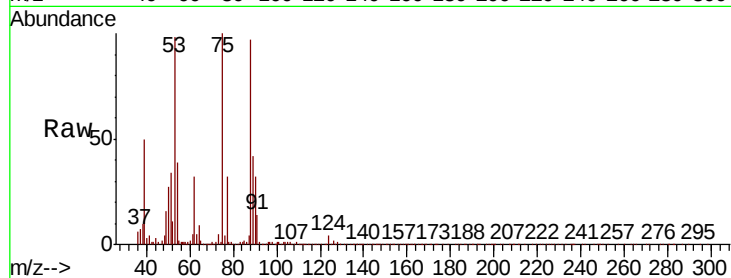
Tot Ion: 75 Resp: 47837

Ion Ratio Lower Upper

75 100

53 98.4 54.4 163.1

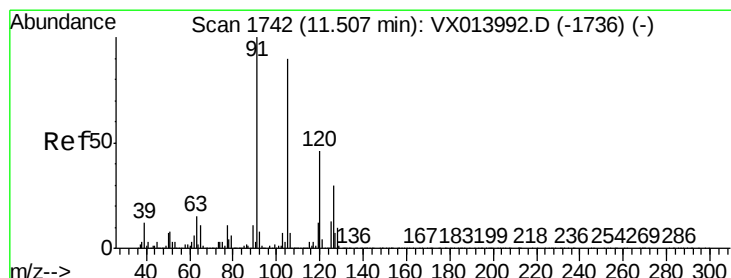
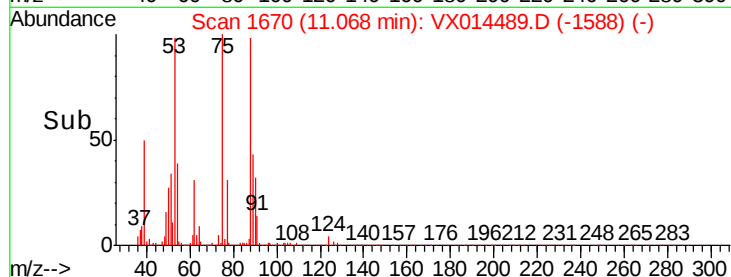
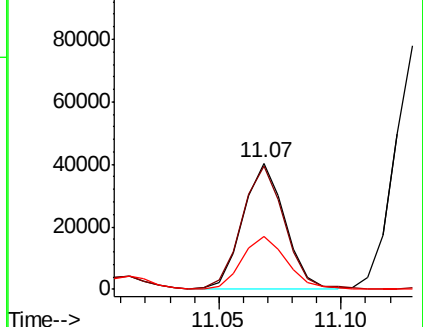
89 42.2 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.820 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014489.D

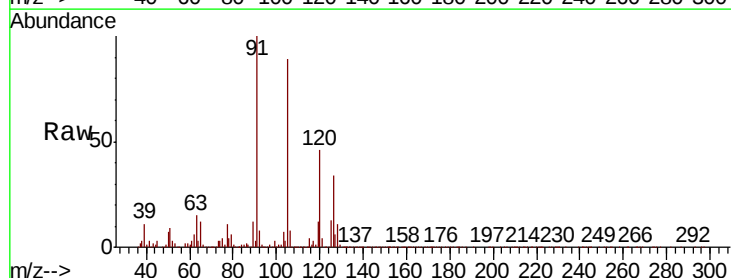
Acq: 09 Jan 2020 11:14

Tgt Ion: 91 Resp: 353226

Ion Ratio Lower Upper

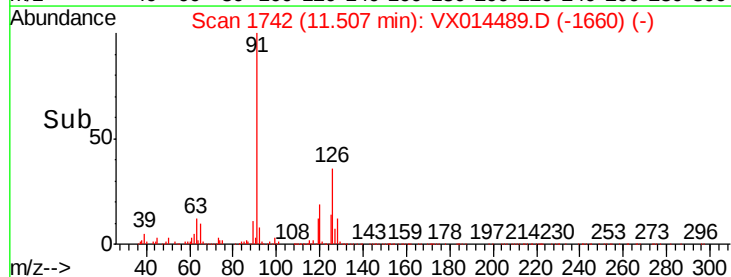
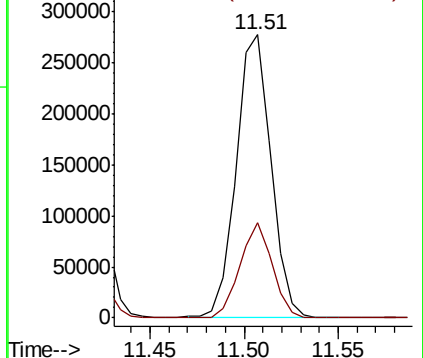
91 100

126 31.4 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.547 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampled :

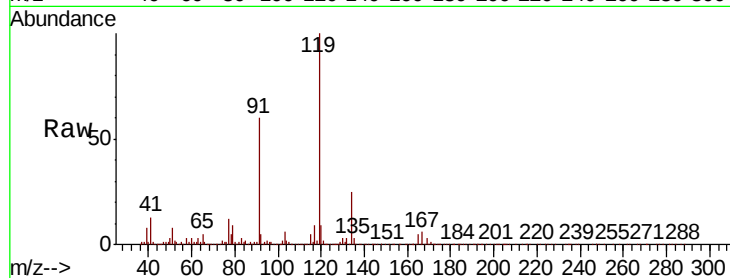
Tot Ion:119 Resp: 363716

Ion Ratio Lower Upper

119 100

91 58.2 0.0 112.6

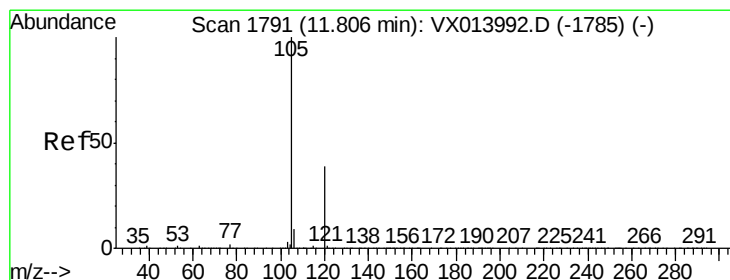
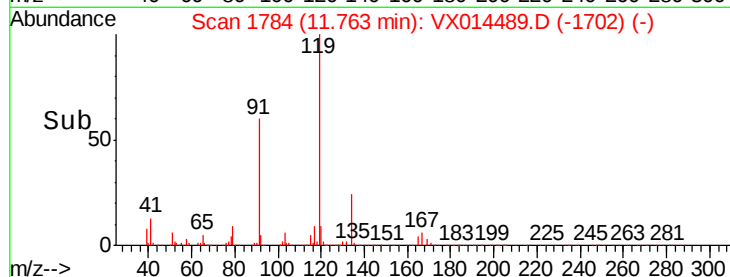
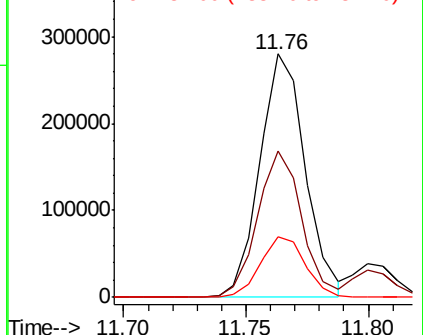
134 24.8 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.633 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014489.D

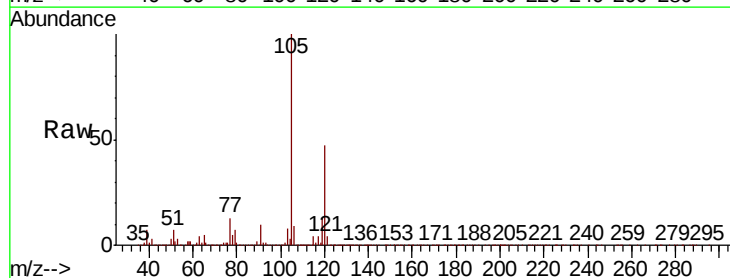
Acq: 09 Jan 2020 11:14

Tgt Ion:105 Resp: 378976

Ion Ratio Lower Upper

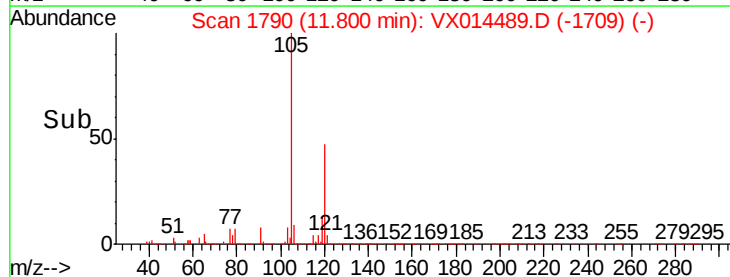
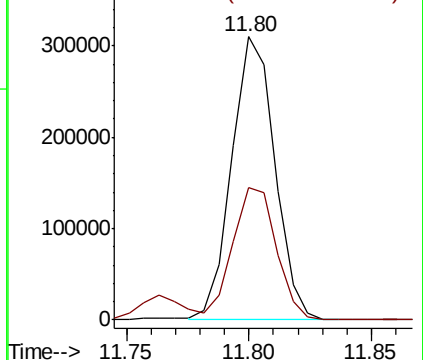
105 100

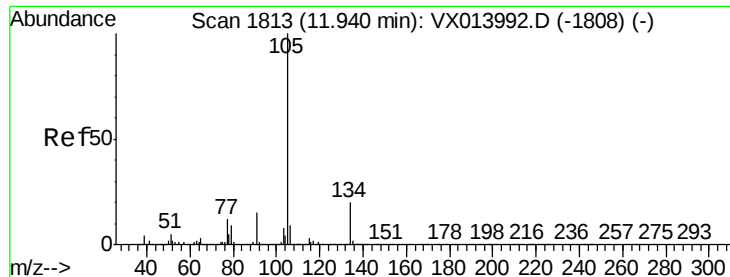
120 47.5 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 20.353 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

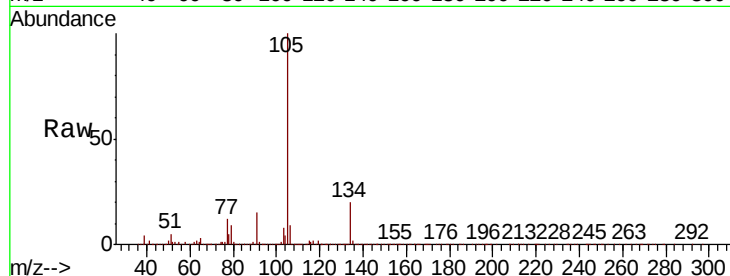
ClientSampleId :

Tot Ion:105 Resp: 450464

Ion Ratio Lower Upper

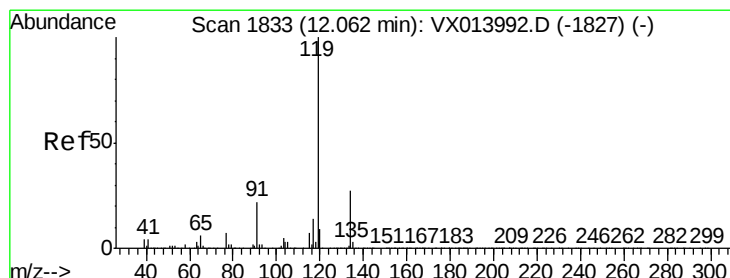
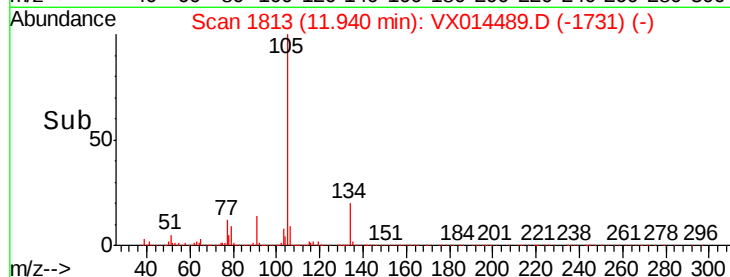
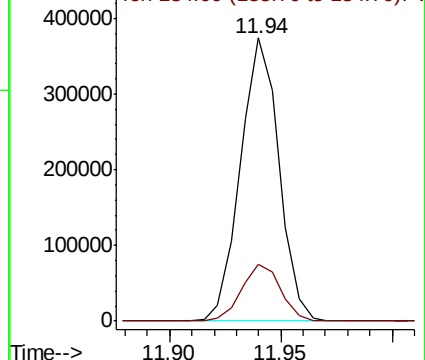
105 100

134 20.4 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.820 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

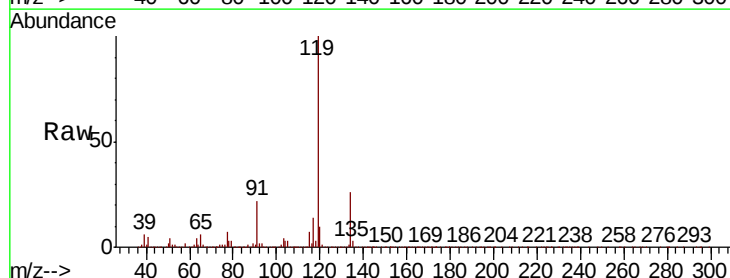
Tgt Ion:119 Resp: 415847

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.8

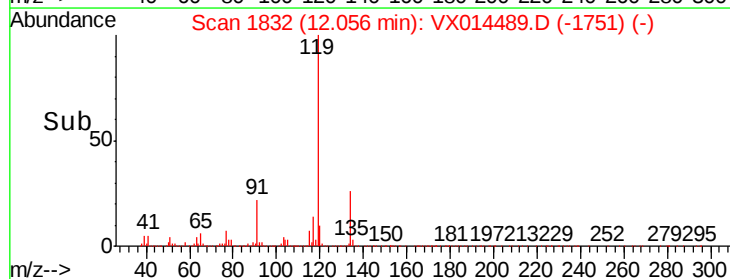
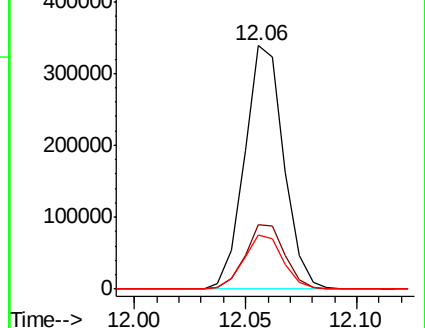
91 22.0 0.0 45.0

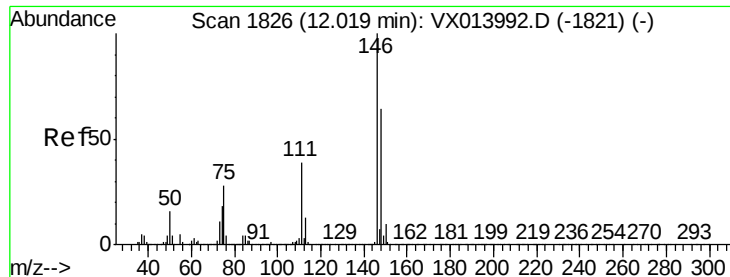


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

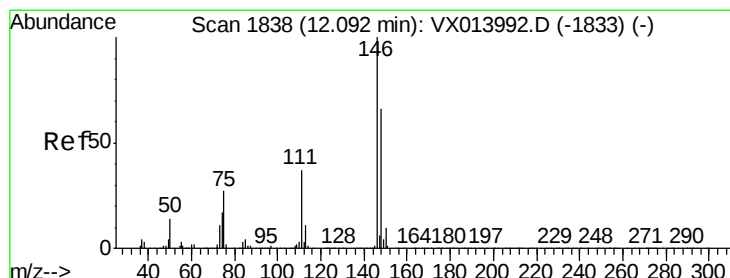
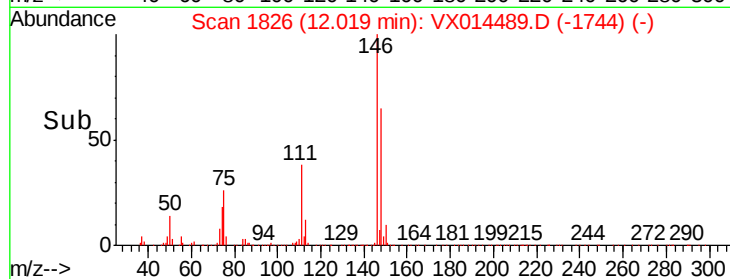
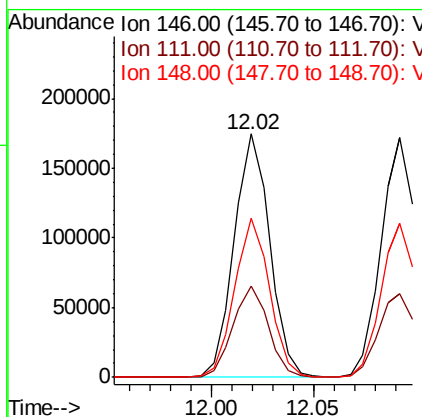
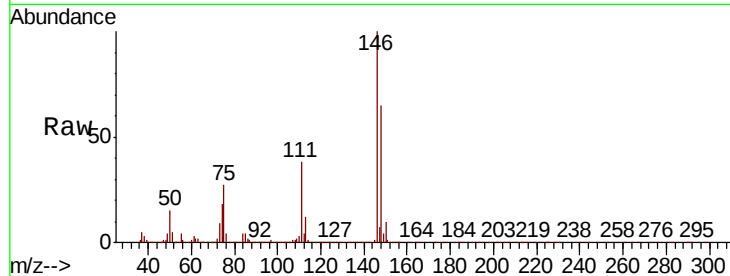




#83
 1,3-Dichlorobenzene
 Concen: 19.966 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

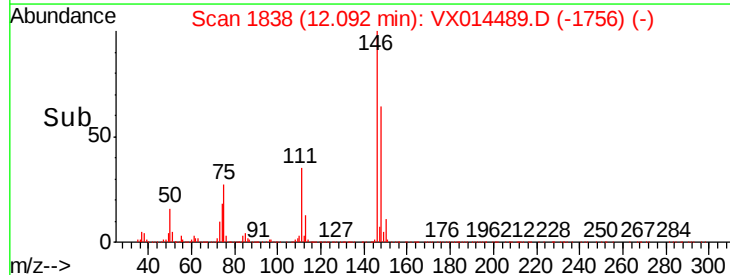
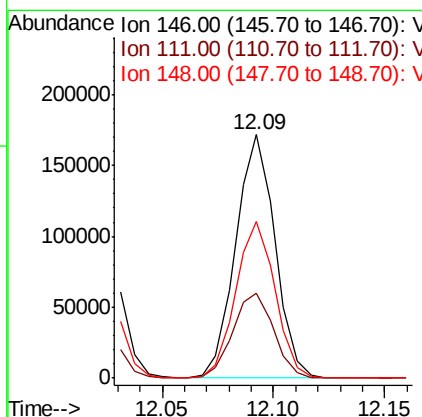
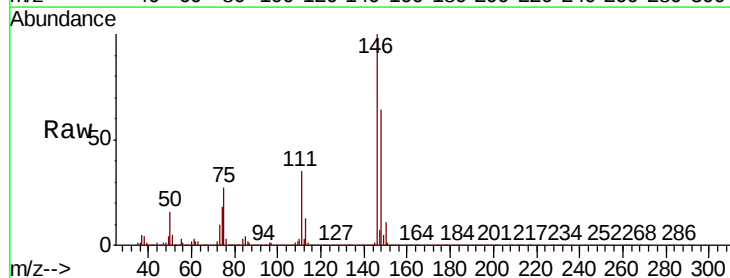
Instrument :
 MSVOA_X
 ClientSampled :

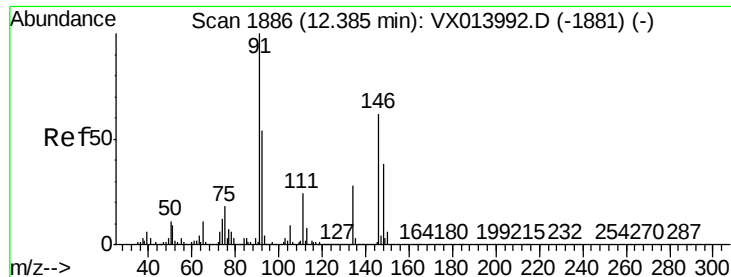
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.3	57.9
148	63.9	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.977 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	64.5	32.0	96.0





#85

n-Butylbenzene

Concen: 20.960 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

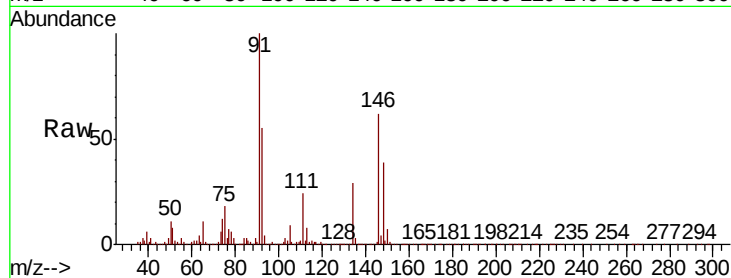
Tot Ion: 91 Resp: 351976

Ion Ratio Lower Upper

91 100

92 54.7 0.0 109.0

134 27.3 0.0 54.0

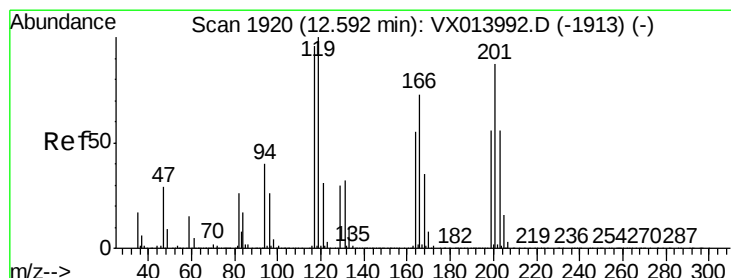
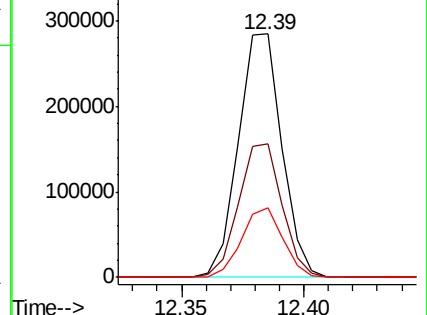
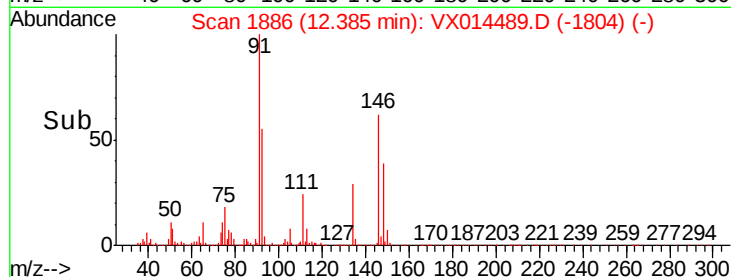


Abundance Ion 91.00 (90.70 to 91.70): VX013992.D (-1881) (-)

Ion 92.00 (91.70 to 92.70): VX013992.D (-1881) (-)

Ion 134.00 (133.70 to 134.70): VX013992.D (-1881) (-)

Time-->



#86

Hexachloroethane

Concen: 19.042 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014489.D

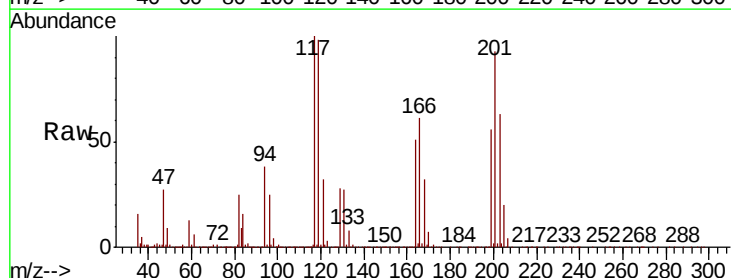
Acq: 09 Jan 2020 11:14

Tgt Ion: 117 Resp: 68996

Ion Ratio Lower Upper

117 100

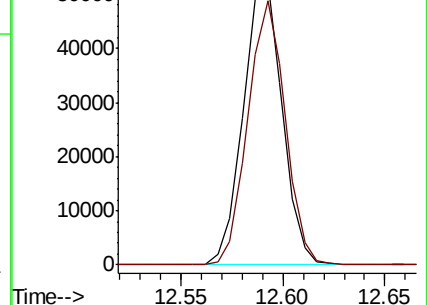
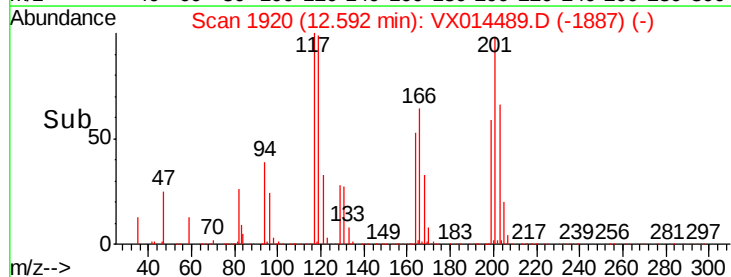
201 89.4 44.8 134.3

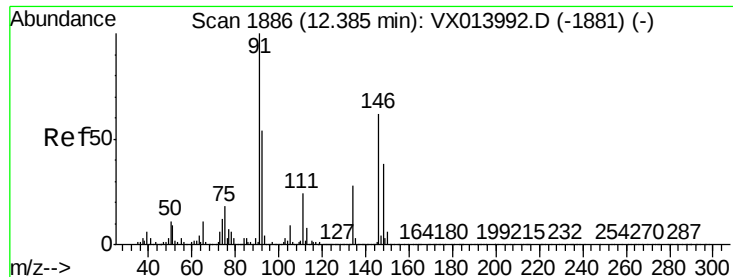


Abundance Ion 117.00 (116.70 to 117.70): VX013992.D (-1913) (-)

Ion 201.00 (200.70 to 201.70): VX013992.D (-1913) (-)

Time-->





#87

1,2-Dichlorobenzene

Concen: 19.677 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

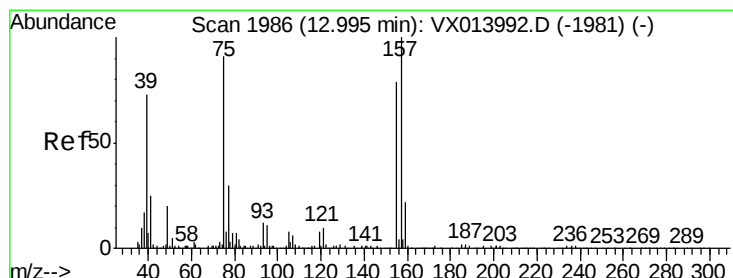
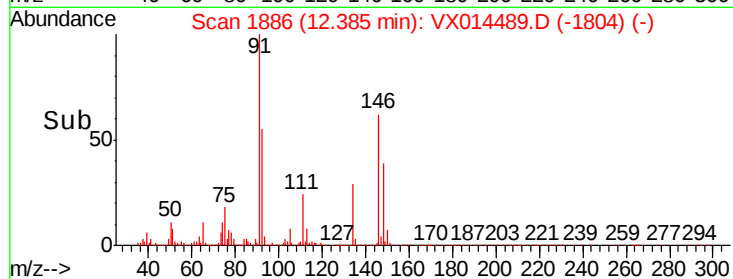
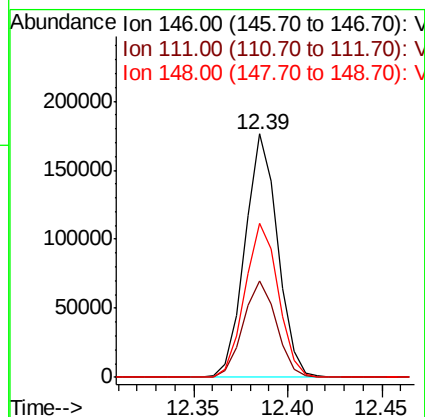
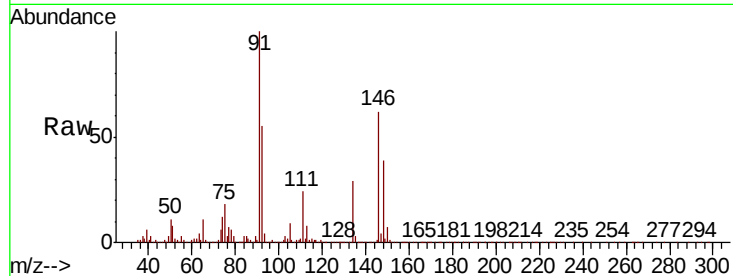
Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 211624

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.9	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.973 ug/l

RT: 12.99 min Scan# 1986

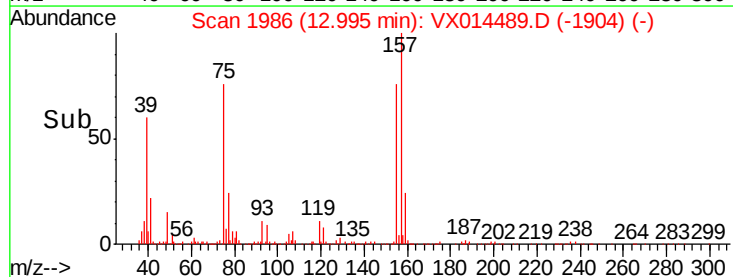
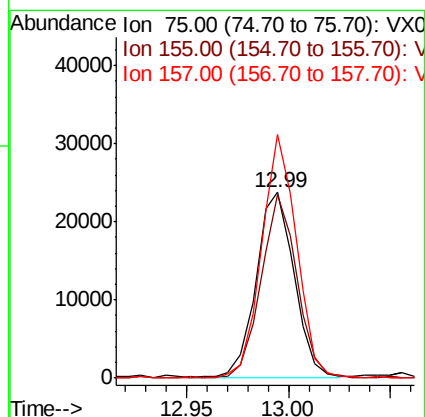
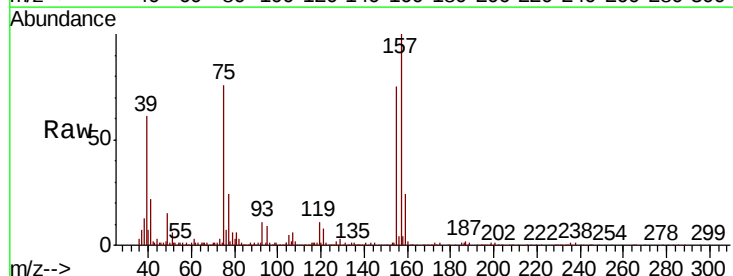
Delta R.T. 0.00 min

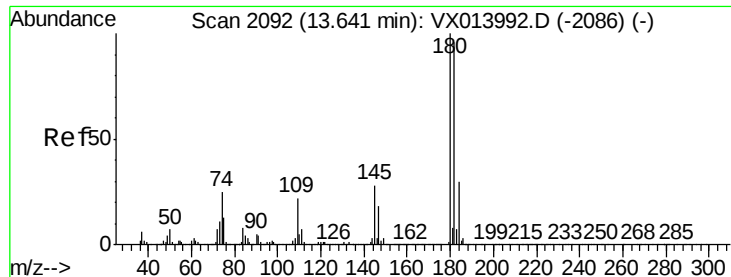
Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Tgt Ion: 75 Resp: 30518

Ion	Ratio	Lower	Upper
75	100		
155	93.4	73.8	110.6
157	120.6	95.0	142.4

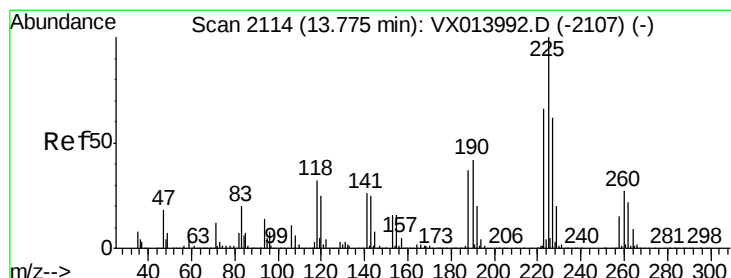
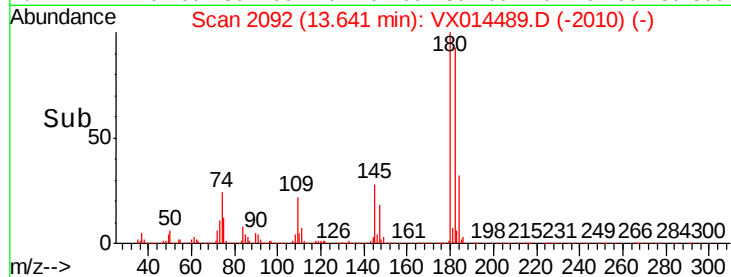
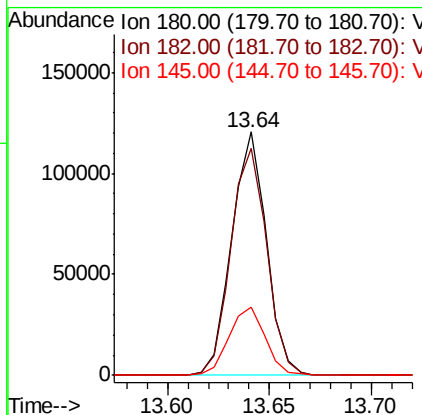
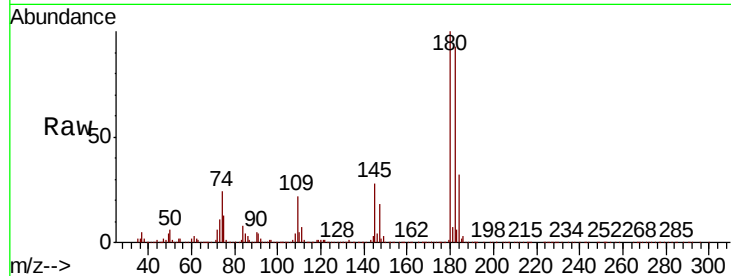




#89
 1,2,4-Trichlorobenzene
 Concen: 20.631 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

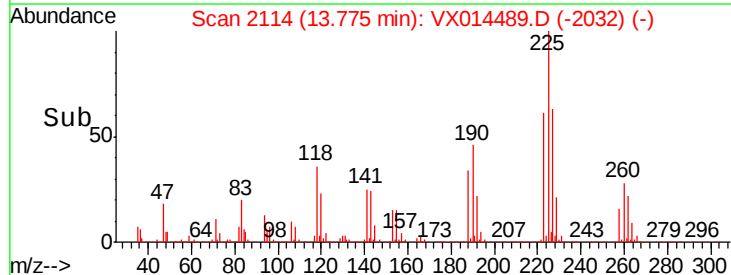
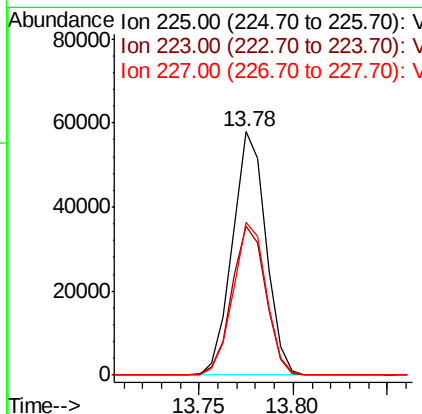
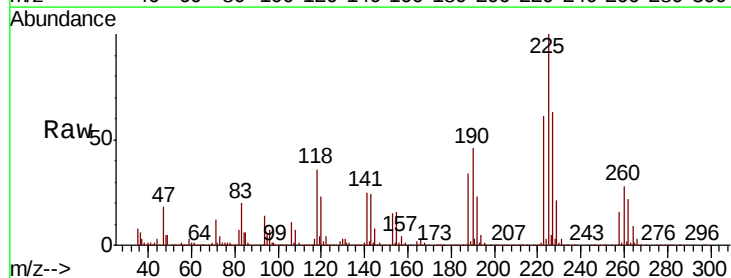
Instrument :
 MSVOA_X
 ClientSampleId :

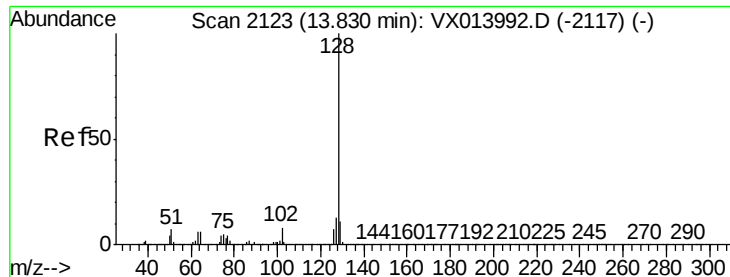
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	29.0	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 21.888 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014489.D
 Acq: 09 Jan 2020 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	127.4
227	62.0	0.0	122.8





#91

Naphthalene

Concen: 20.379 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

Instrument :

MSVOA_X

ClientSampleId :

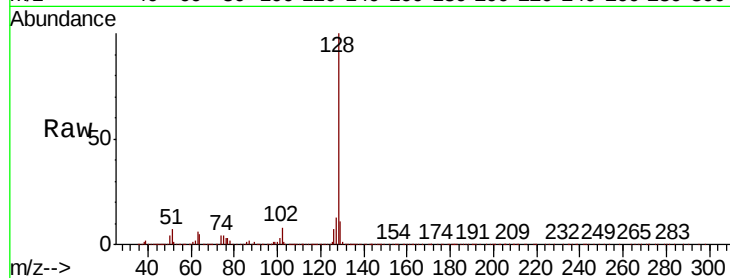
Tot Ion:128 Resp: 421043

Ion Ratio Lower Upper

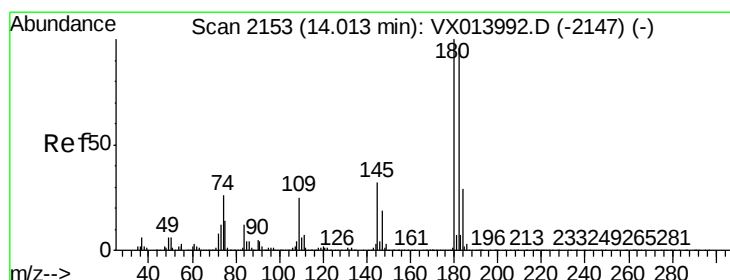
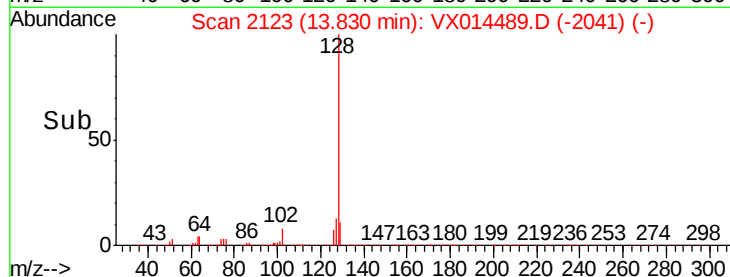
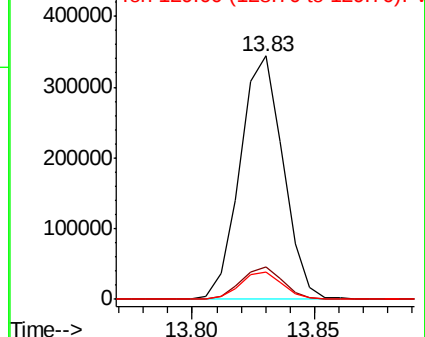
128 100

127 13.0 10.4 15.6

129 11.1 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 20.822 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014489.D

Acq: 09 Jan 2020 11:14

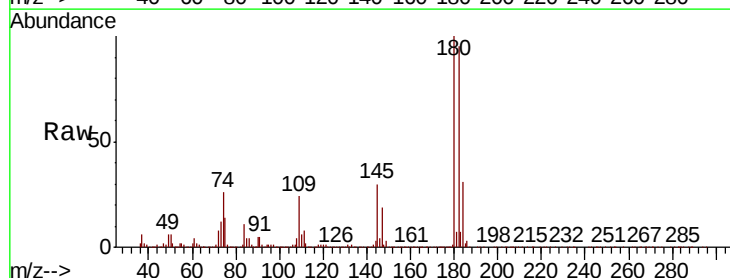
Tgt Ion:180 Resp: 145173

Ion Ratio Lower Upper

180 100

182 94.6 0.0 192.8

145 29.9 0.0 60.0



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

