

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018049.D
 Acq On : 21 Aug 2020 10:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 23:49:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	663221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1044585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	969248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	484383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	430438	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	5.46	113	347200	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.70	98	1247727	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.12	95	487260	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	417165	51.662	ug/l	98
3) Chloromethane	1.32	50	387921	45.567	ug/l	97
4) Vinyl Chloride	1.39	62	418230	49.352	ug/l	97
5) Bromomethane	1.62	94	220538	53.954	ug/l	97
6) Chloroethane	1.71	64	243751	53.553	ug/l	96
7) Trichlorofluoromethane	1.92	101	607759	52.595	ug/l	98
8) Diethyl Ether	2.17	74	207114	52.851	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	320572	51.314	ug/l	95
10) Methyl Iodide	2.49	142	360301	53.493	ug/l	100
11) Tert butyl alcohol	3.02	59	435203	243.101	ug/l	99
12) 1,1-Dichloroethene	2.36	96	309737	47.789	ug/l	98
13) Acrolein	2.28	56	227677	306.718	ug/l	99
14) Allyl chloride	2.71	41	641263	55.070	ug/l	100
15) Acrylonitrile	3.12	53	994928	245.002	ug/l	100
16) Acetone	2.42	43	814444	227.011	ug/l	95
17) Carbon Disulfide	2.55	76	996396	50.854	ug/l	100
18) Methyl Acetate	2.75	43	435899	50.349	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1178566	53.022	ug/l	99
20) Methylene Chloride	2.84	84	384783	52.512	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	370513	51.598	ug/l	98
22) Diisopropyl ether	3.82	45	1236214	53.789	ug/l	95
23) Vinyl Acetate	3.78	43	5559495	271.855	ug/l	100
24) 1,1-Dichloroethane	3.67	63	685075	52.365	ug/l	99
25) 2-Butanone	4.64	43	1443455	244.810	ug/l	98
26) 2,2-Dichloropropane	4.54	77	640976	60.215	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	420191	50.788	ug/l	99
28) Bromochloromethane	4.98	49	310305	49.138	ug/l	98
29) Tetrahydrofuran	5.09	42	916240	244.108	ug/l	100
30) Chloroform	5.18	83	697371	51.479	ug/l	97
31) Cyclohexane	5.55	56	608408	55.208	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	640013	51.483	ug/l	99
36) 1,1-Dichloropropene	5.77	75	534073	55.432	ug/l	99
37) Ethyl Acetate	4.79	43	560064	50.050	ug/l	99
38) Carbon Tetrachloride	5.76	117	580223	53.438	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	593018	56.289	ug/l	98
40) Benzene	6.11	78	1521290	53.736	ug/l	100
41) Methacrylonitrile	5.00	41	311662	50.725	ug/l	100
42) 1,2-Dichloroethane	6.16	62	571918	52.727	ug/l	98
43) Isopropyl Acetate	6.41	43	933783	51.664	ug/l	100
44) Trichloroethene	7.19	130	429649	53.710	ug/l	93
45) 1,2-Dichloropropane	7.49	63	405514	53.146	ug/l	97
46) Dibromomethane	7.63	93	268523	50.045	ug/l	99
47) Bromodichloromethane	7.87	83	563389	52.586	ug/l	98
48) Methyl methacrylate	7.74	41	453657	50.421	ug/l	99
49) 1,4-Dioxane	7.71	88	179927	1103.977	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2671607	239.294	ug/l	100
52) Toluene	8.76	92	928932	51.746	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	623710	52.528	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	654285	52.017	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	379211	49.530	ug/l	98
56) Ethyl methacrylate	9.16	69	597556	52.501	ug/l	99
57) 1,3-Dichloropropane	9.35	76	631799	50.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1315102	256.853	ug/l	100
59) 2-Hexanone	9.47	43	2072053	244.077	ug/l	99
60) Dibromochloromethane	9.57	129	456770	50.857	ug/l	99
61) 1,2-Dibromoethane	9.65	107	404265	48.636	ug/l	100
64) Tetrachloroethene	9.32	164	380528	53.425	ug/l	97
65) Chlorobenzene	10.12	112	1036052	53.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	401605	52.637	ug/l	99
67) Ethyl Benzene	10.23	91	1806449	54.874	ug/l	100
68) m/p-Xylenes	10.34	106	1384394	112.668	ug/l	99
69) o-Xylene	10.68	106	648577	54.451	ug/l	99
70) Styrene	10.70	104	1118793	55.155	ug/l	99
71) Bromoform	10.84	173	340497	52.321	ug/l	96
73) Isopropylbenzene	11.00	105	1814490	56.791	ug/l	99
74) N-amyl acetate	10.88	43	827189	54.566	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	540570	47.961	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	704368	65.369	ug/l	84
77) Bromobenzene	11.24	156	458755	51.944	ug/l	99
78) n-propylbenzene	11.34	91	2091652	57.656	ug/l	99
79) 2-Chlorotoluene	11.40	91	1220862	54.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1473777	56.132	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	211458	53.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	1417704	53.207	ug/l	100
83) tert-Butylbenzene	11.76	119	1421302	54.854	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1499535	55.863	ug/l	100
85) sec-Butylbenzene	11.93	105	1644352	55.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	1556009	57.490	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	830408	53.554	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	818104	52.694	ug/l	98
89) n-Butylbenzene	12.37	91	1345998	54.486	ug/l	99
90) Hexachloroethane	12.58	117	287141	53.922	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	766191	52.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	129581	45.980	ug/l	97

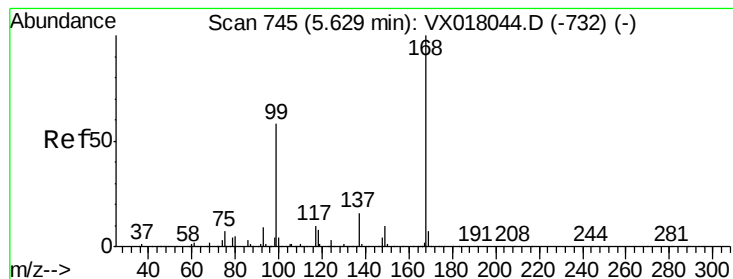
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	531436	54.601	ug/l	99
94) Hexachlorobutadiene	13.77	225	204317	53.220	ug/l	96
95) Naphthalene	13.82	128	1726599	53.902	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	525188	54.609	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

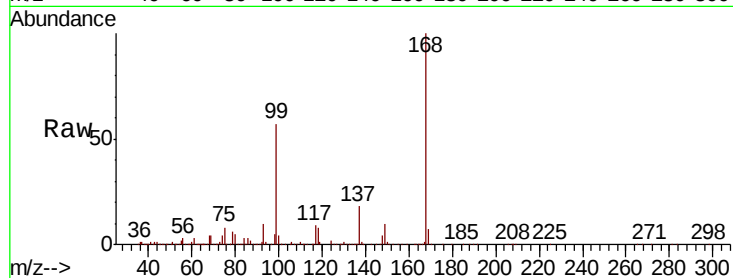
ClientSampleId :

Tot Ion:168 Resp: 663221

Ion Ratio Lower Upper

168 100

99 56.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

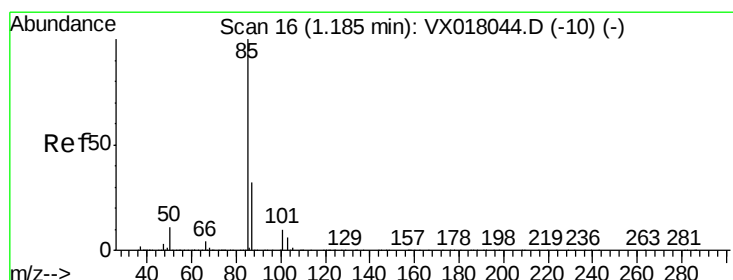
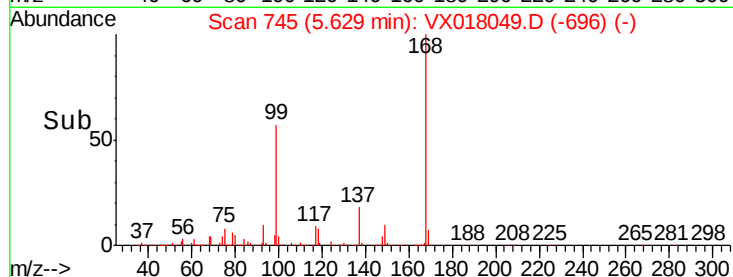
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.662 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018049.D

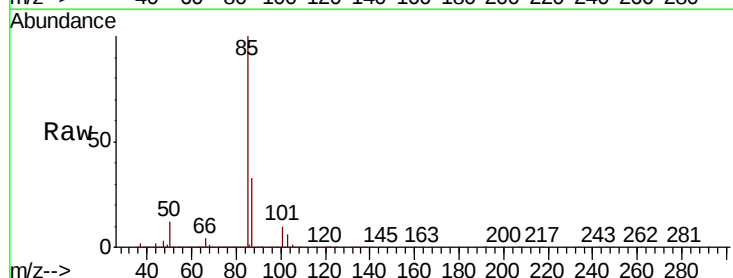
Acq: 21 Aug 2020 10:30

Tgt Ion: 85 Resp: 417165

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

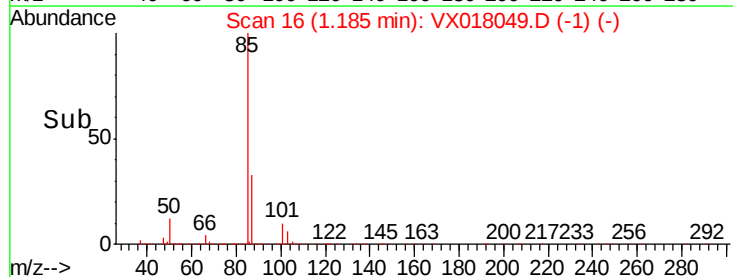
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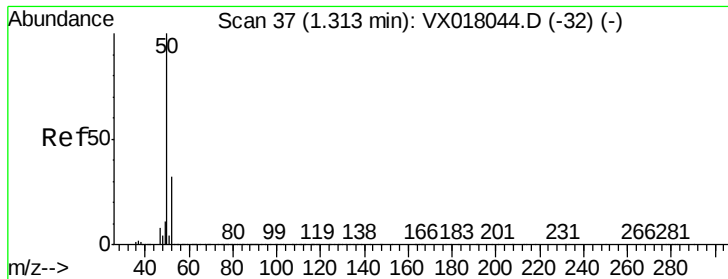
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.567 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

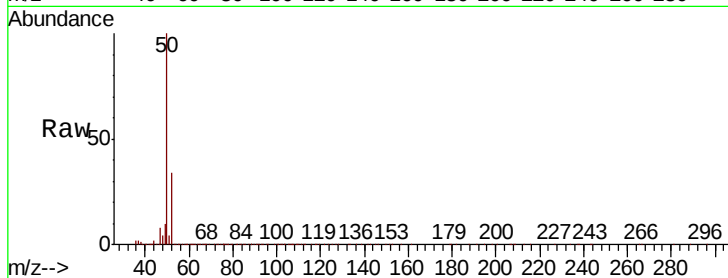
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 387921

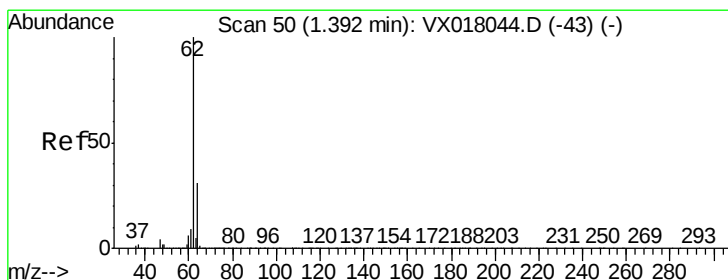
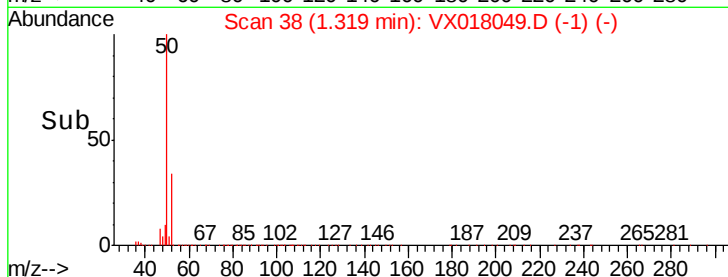
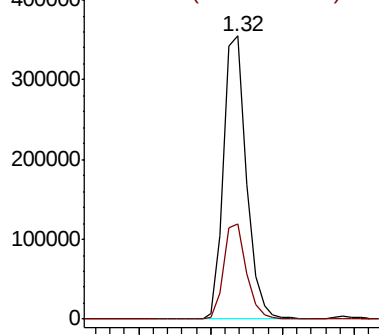
Ion Ratio Lower Upper

50 100

52 33.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.352 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018049.D

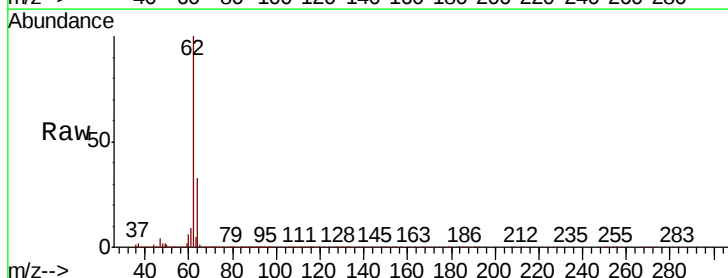
Acq: 21 Aug 2020 10:30

Tgt Ion: 62 Resp: 418230

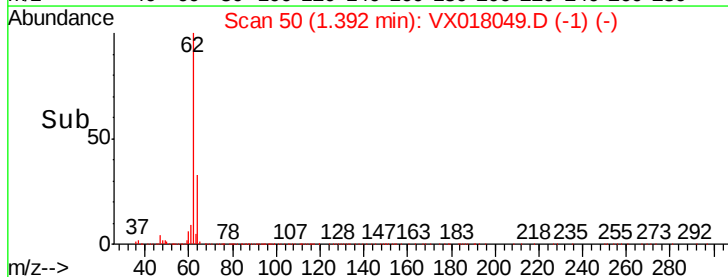
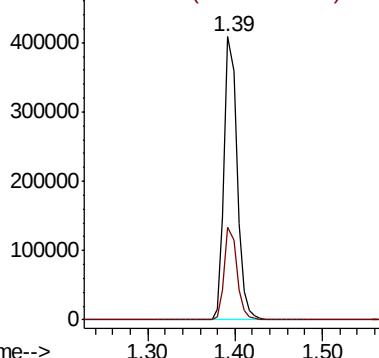
Ion Ratio Lower Upper

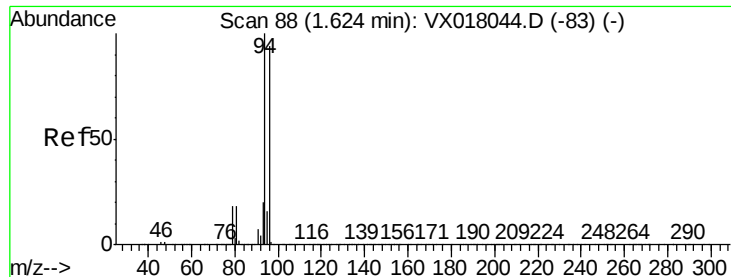
62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.954 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

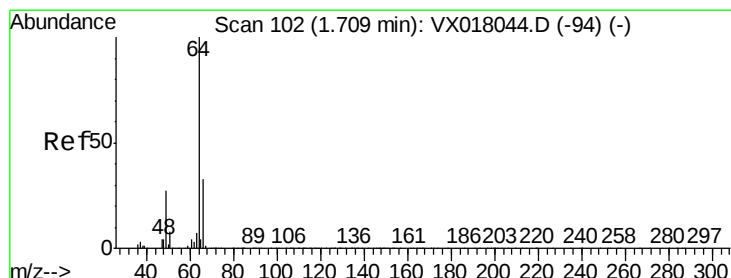
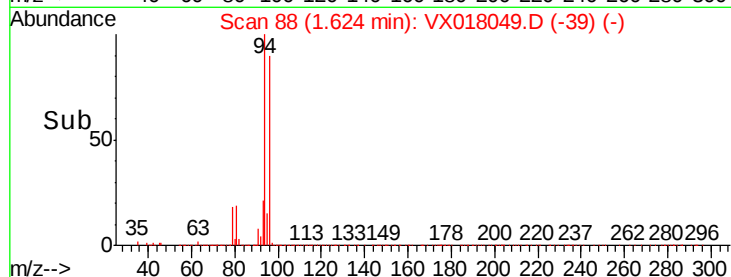
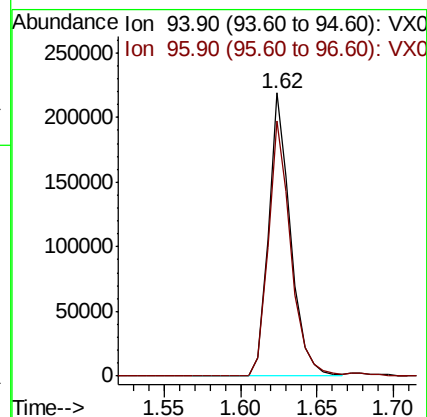
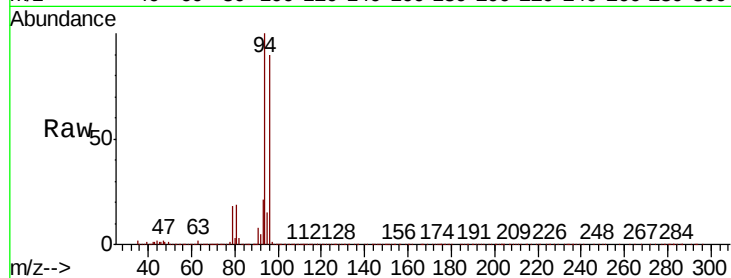
ClientSampleId :

Tot Ion: 94 Resp: 220538

Ion Ratio Lower Upper

94 100

96 90.3 74.8 112.2



#6

Chloroethane

Concen: 53.553 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018049.D

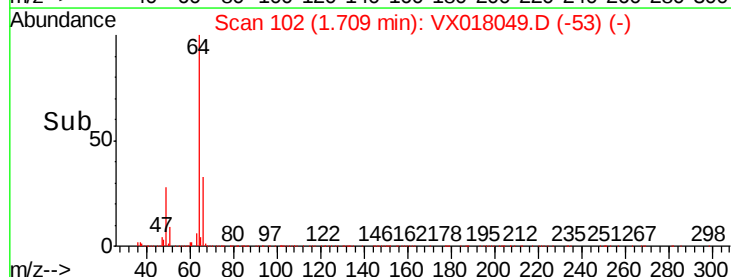
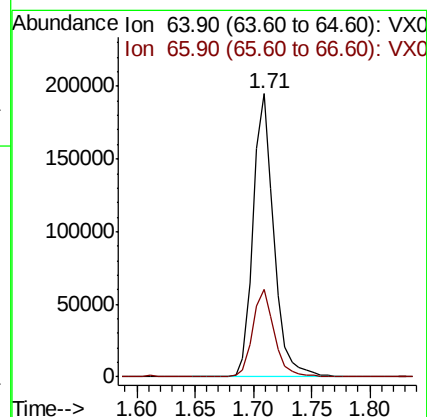
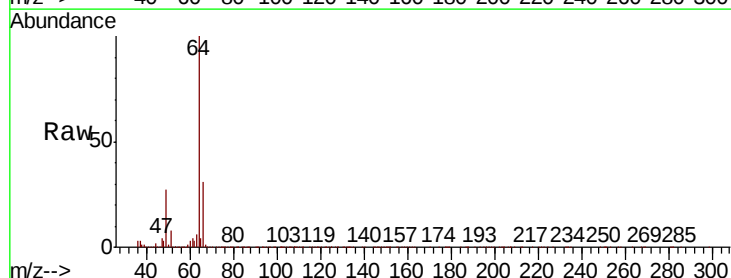
Acq: 21 Aug 2020 10:30

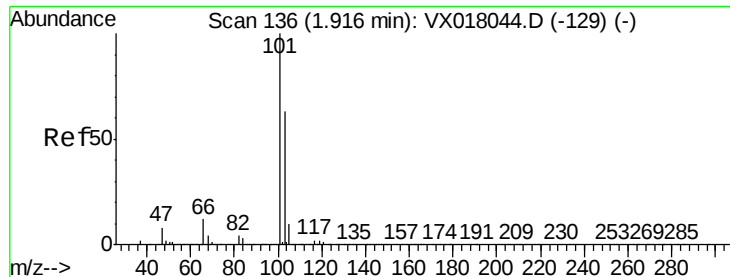
Tgt Ion: 64 Resp: 243751

Ion Ratio Lower Upper

64 100

66 30.8 26.6 39.8



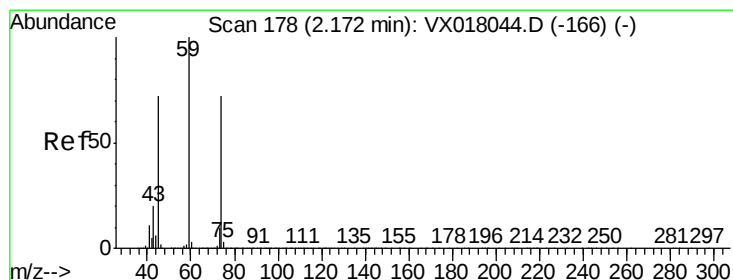
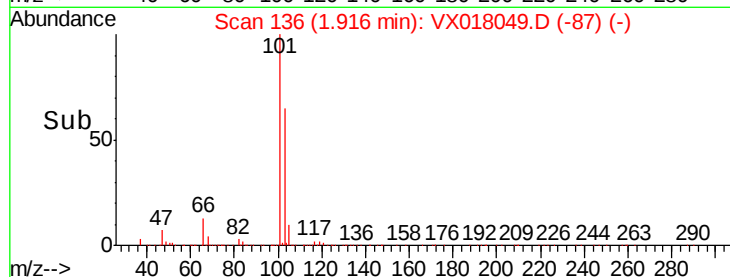
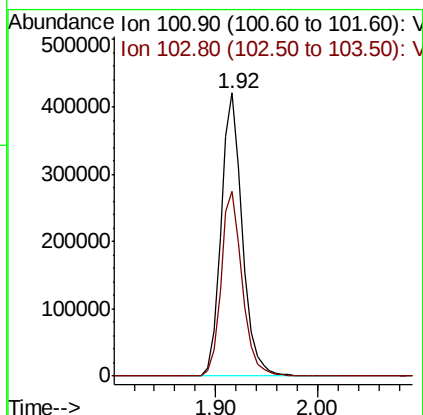
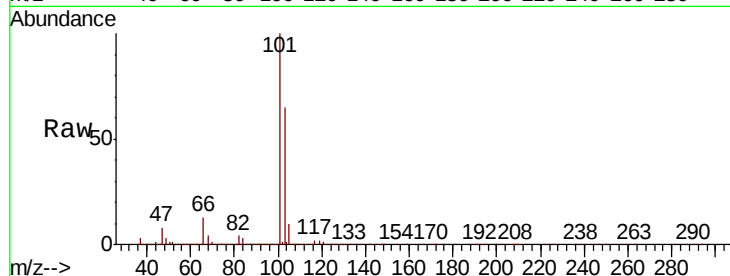


#7

Trichlorofluoromethane
Concen: 52.595 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :

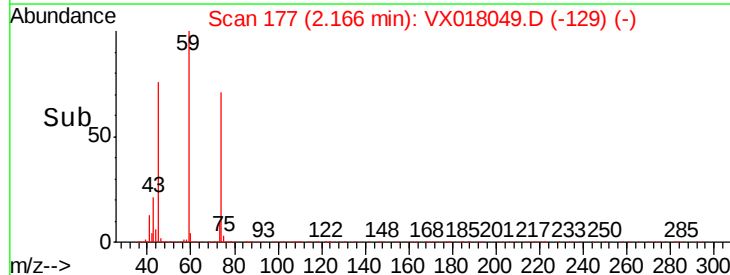
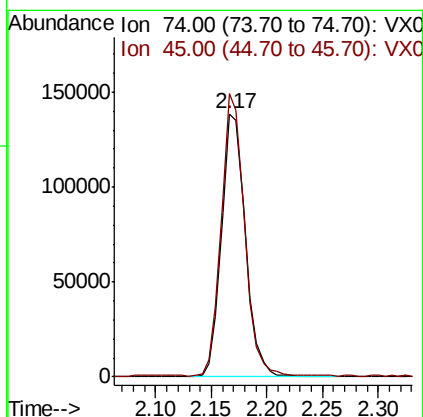
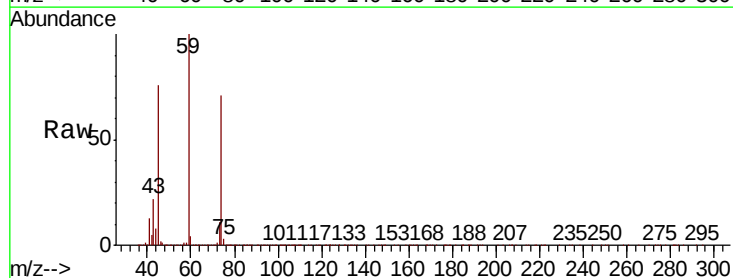
Tot Ion:101 Resp: 607759
Ion Ratio Lower Upper
101 100
103 65.3 50.7 76.1

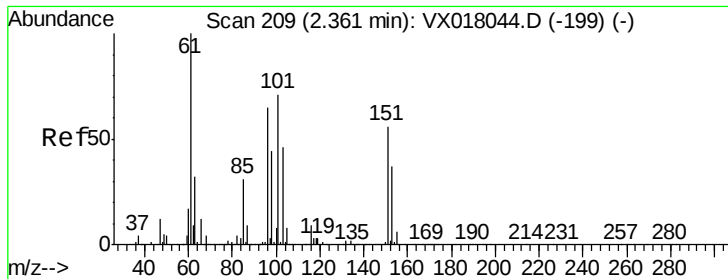


#8

Diethyl Ether
Concen: 52.851 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 74 Resp: 207114
Ion Ratio Lower Upper
74 100
45 103.5 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.314 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018049.D

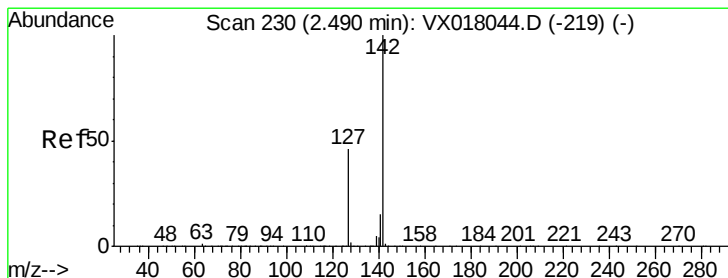
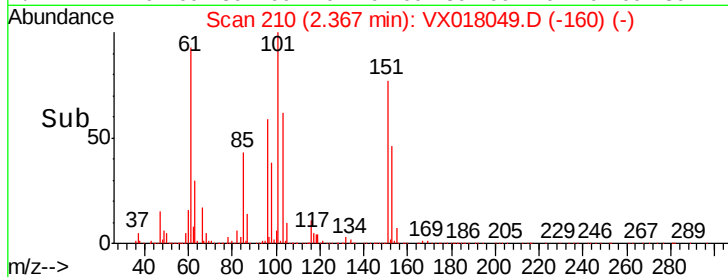
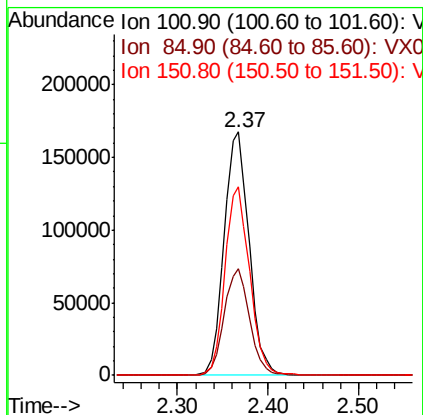
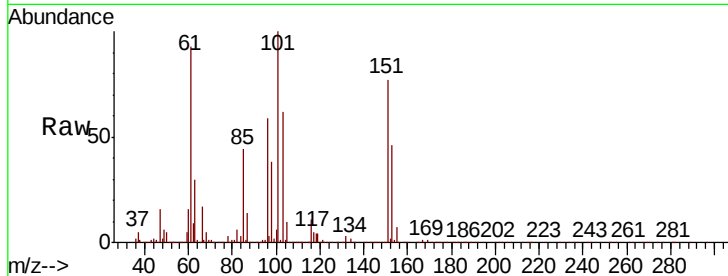
Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	320572
Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.0	51.0
151	76.2	65.2	97.8



#10

Methyl Iodide

Concen: 53.493 ug/l

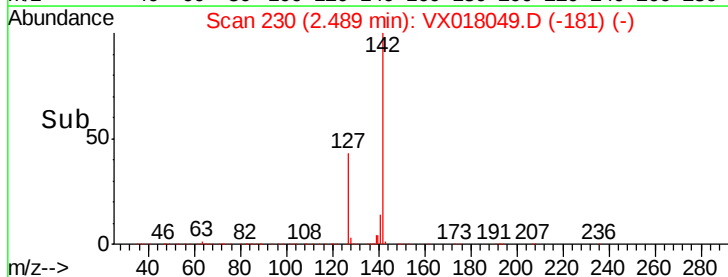
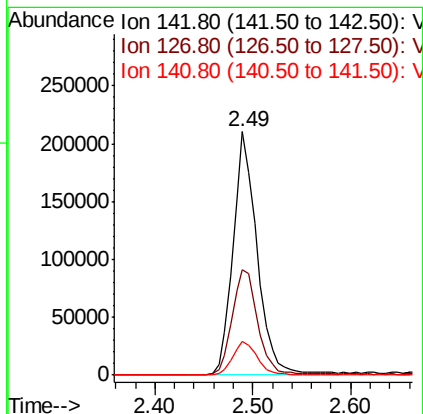
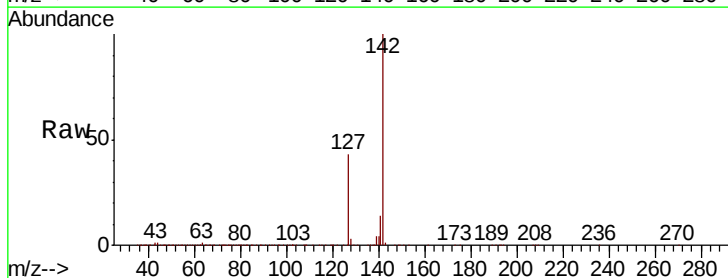
RT: 2.49 min Scan# 230

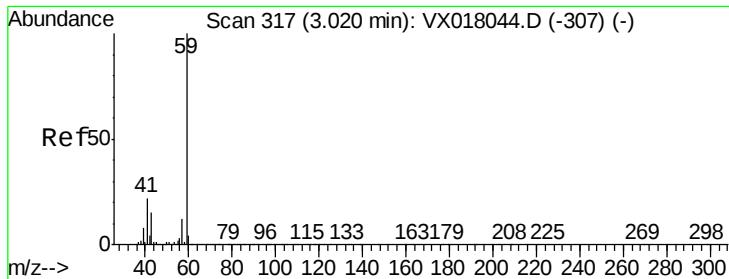
Delta R.T. 0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	142	Resp:	360301
Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.0	55.6
141	14.1	11.5	17.3

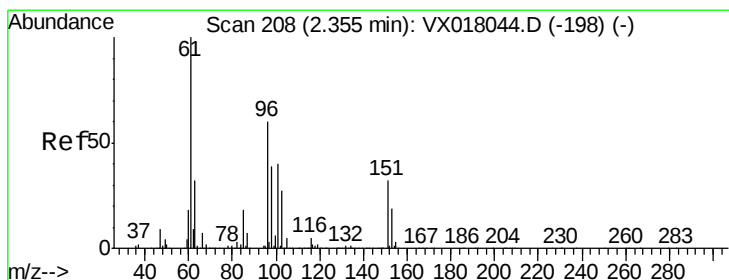
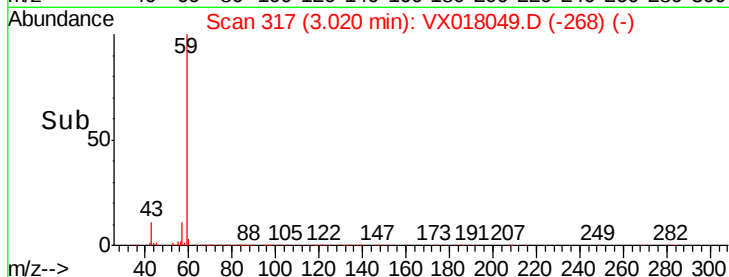
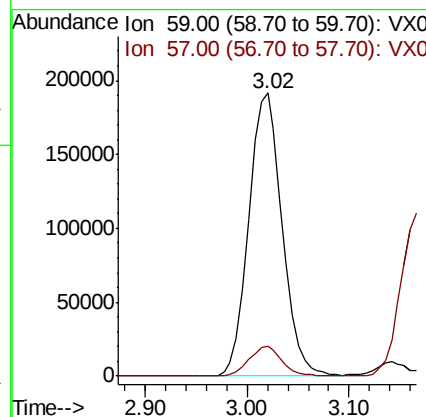
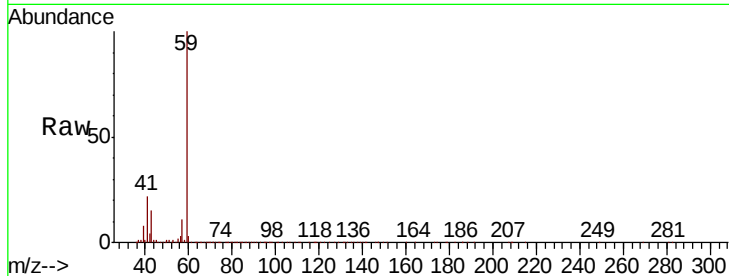




#11
Tert butyl alcohol
Concen: 243.101 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

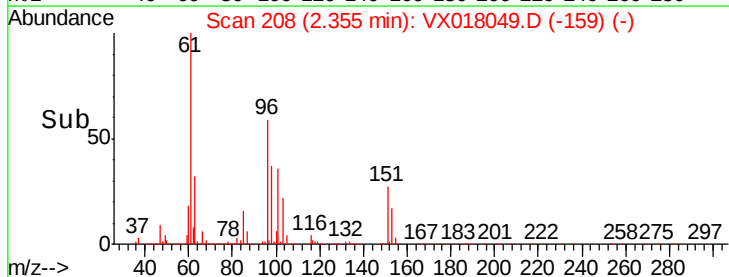
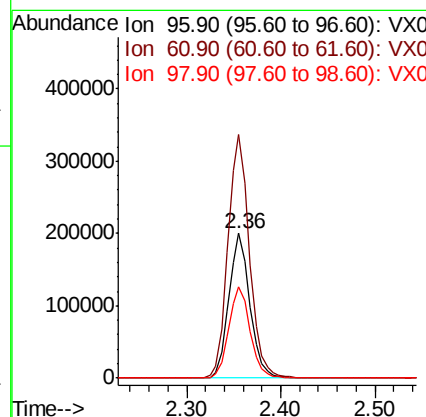
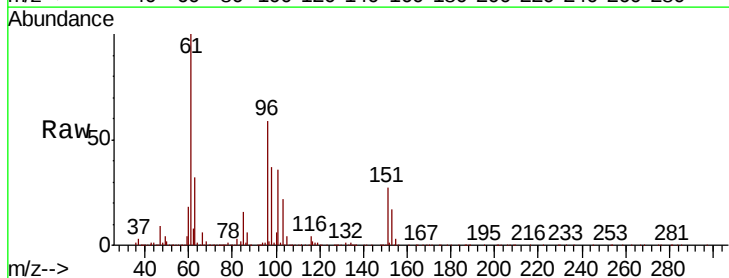
Instrument :
MSVOA_X
ClientSampled :

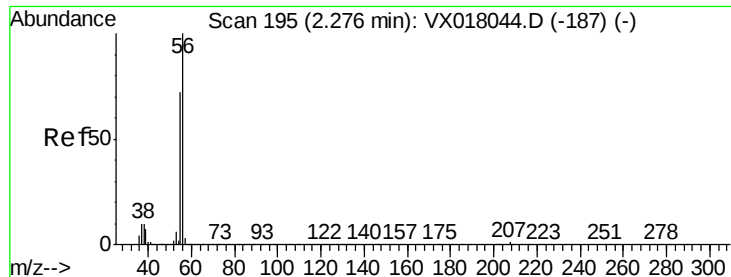
Tot Ion: 59 Resp: 435203
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 47.789 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 96 Resp: 309737
Ion Ratio Lower Upper
96 100
61 168.4 133.0 199.4
98 62.7 51.6 77.4





#13

Acrolein

Concen: 306.718 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

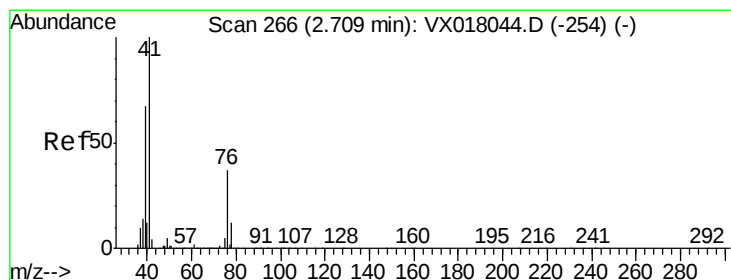
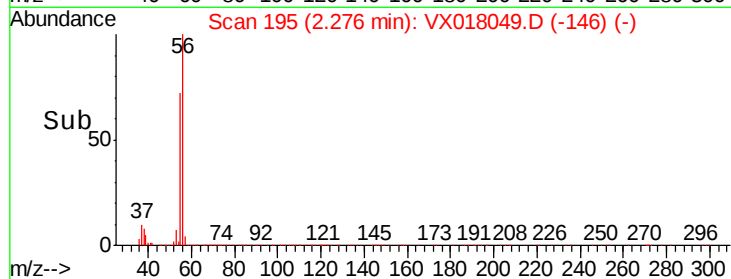
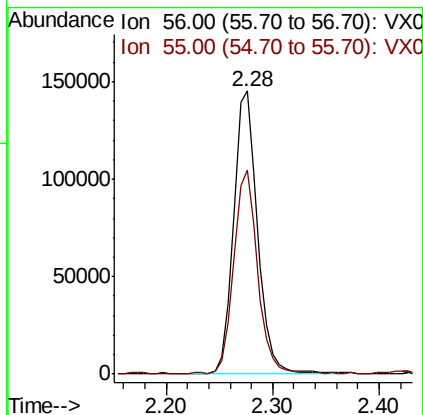
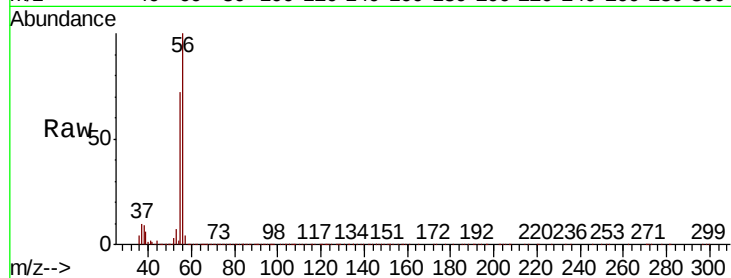
ClientSampleId :

Tot Ion: 56 Resp: 227677

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.6



#14

Allyl chloride

Concen: 55.070 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

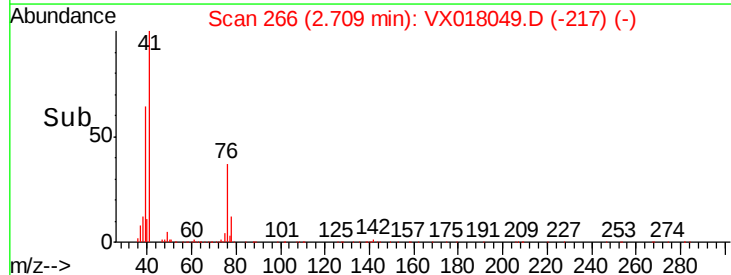
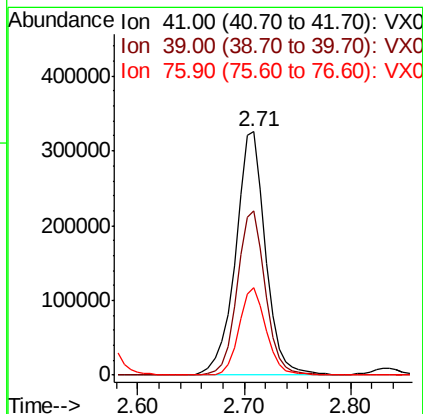
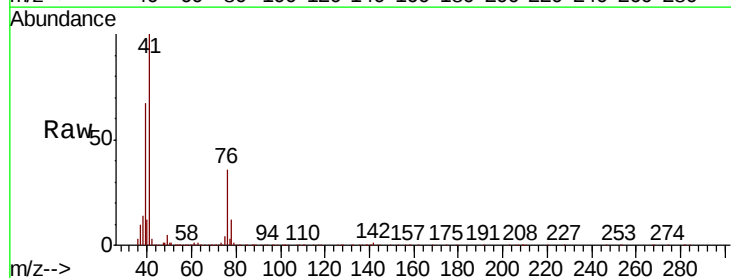
Tgt Ion: 41 Resp: 641263

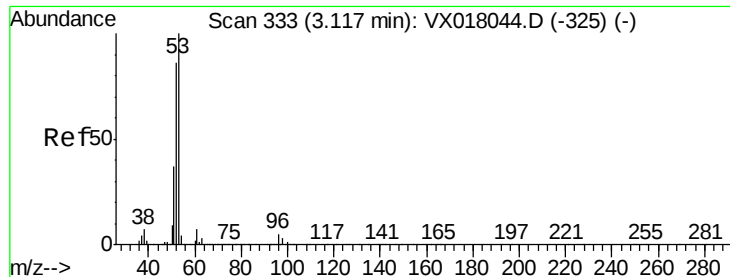
Ion Ratio Lower Upper

41 100

39 63.4 50.6 76.0

76 32.1 26.2 39.2





#15

Acrylonitrile

Concen: 245.002 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

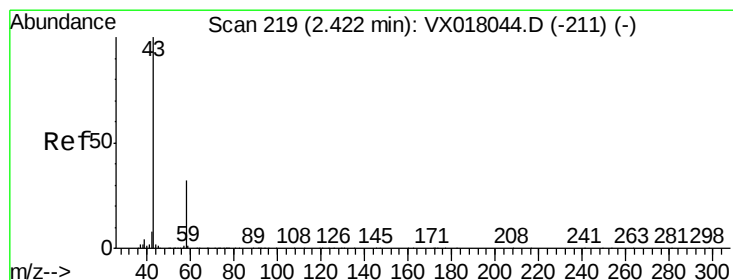
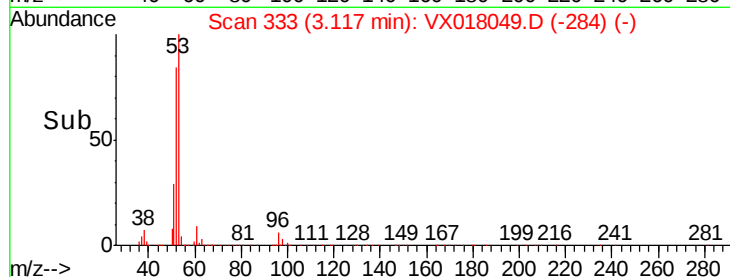
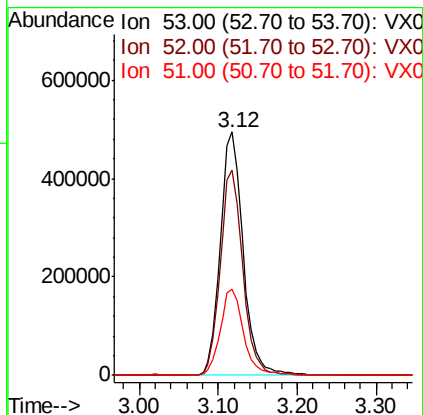
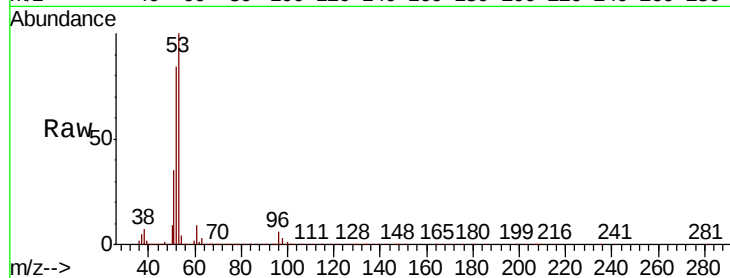
Tot Ion: 53 Resp: 994928

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

51 35.9 28.7 43.1



#16

Acetone

Concen: 227.011 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018049.D

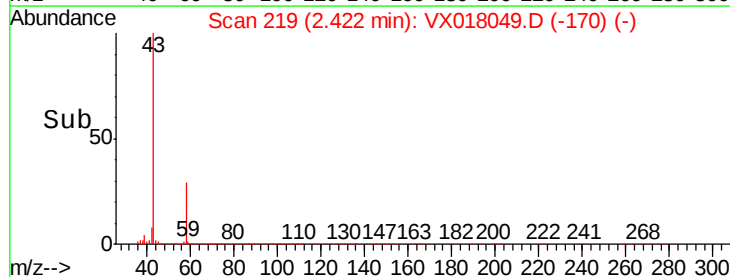
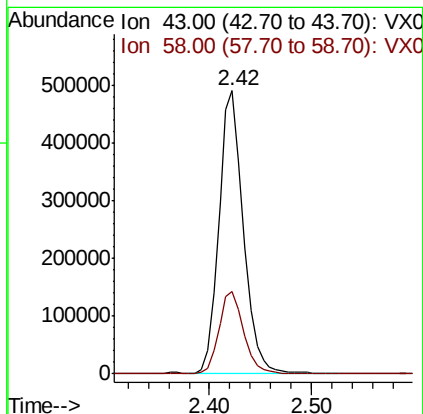
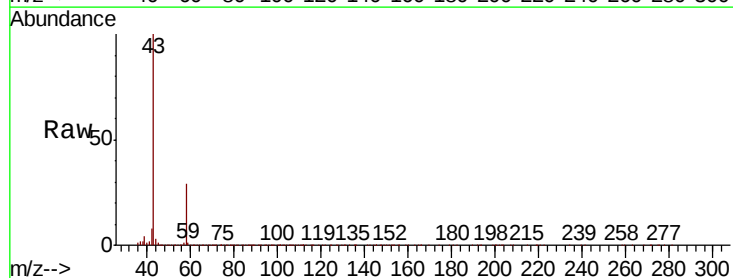
Acq: 21 Aug 2020 10:30

Tgt Ion: 43 Resp: 814444

Ion Ratio Lower Upper

43 100

58 29.2 25.5 38.3

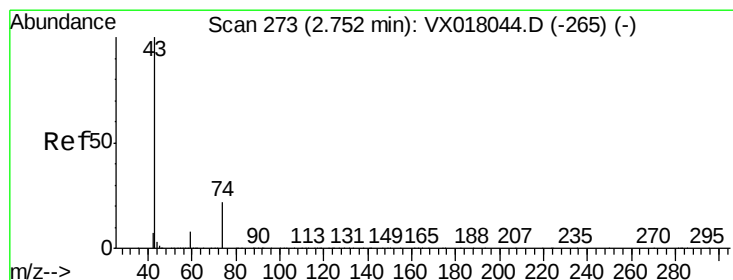
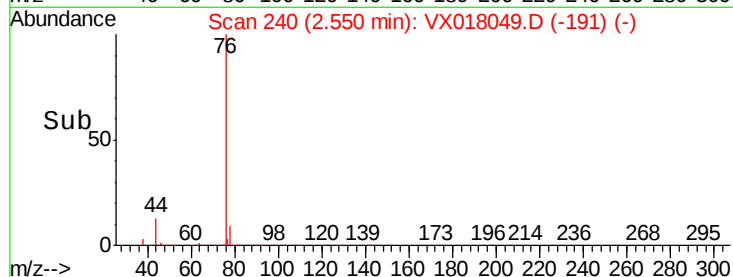
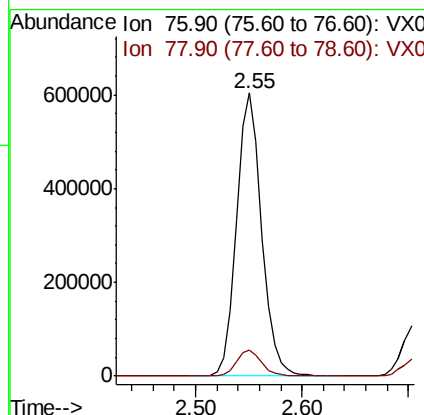
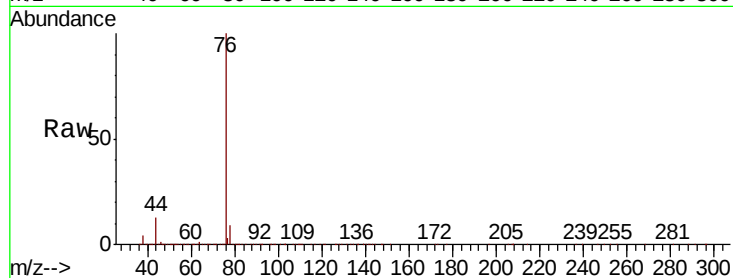




#17
Carbon Disulfide
Concen: 50.854 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

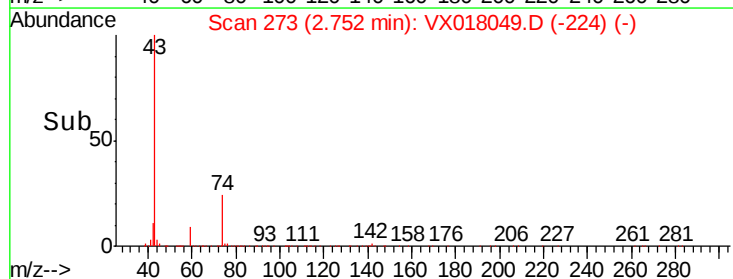
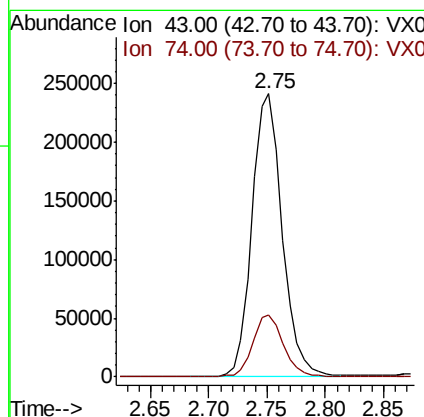
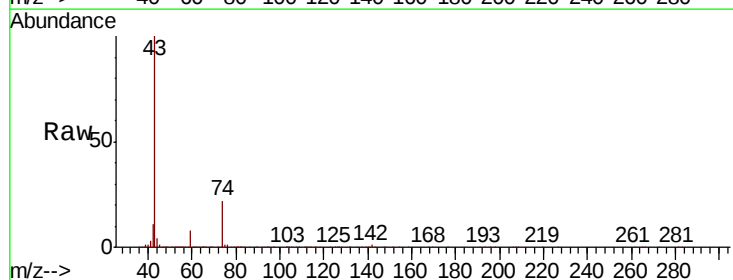
Instrument :
MSVOA_X
ClientSampleId :

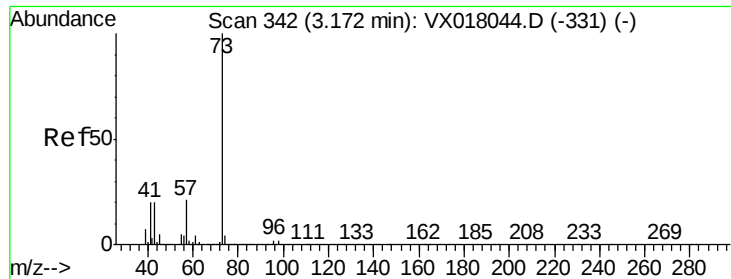
Tot Ion: 76 Resp: 996396
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 50.349 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 43 Resp: 435899
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.4

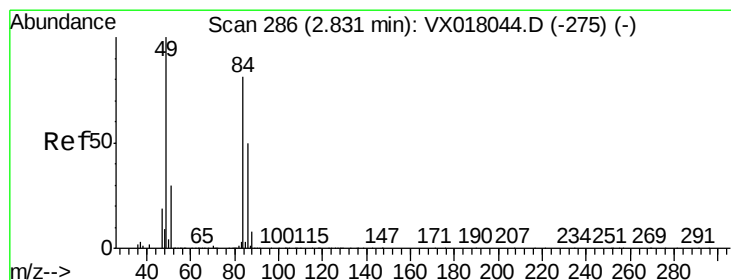
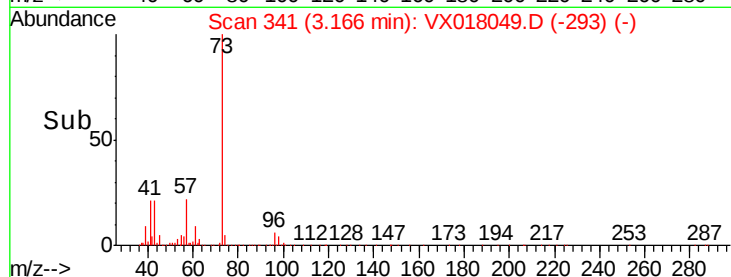
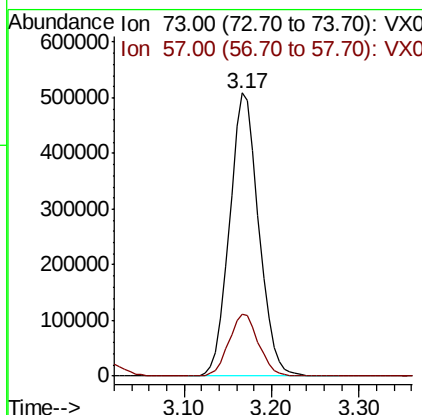
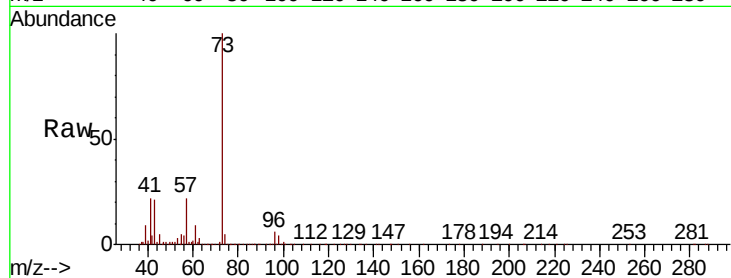




#19
Methvl tert-butvl Ether
Concen: 53.022 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

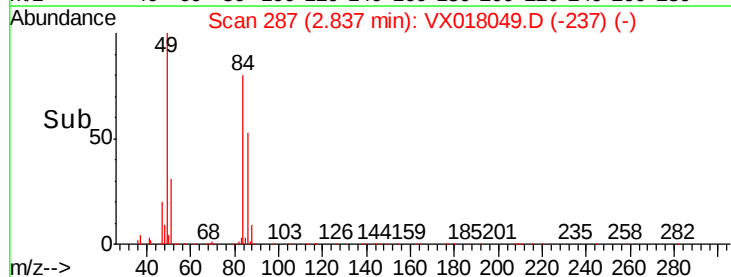
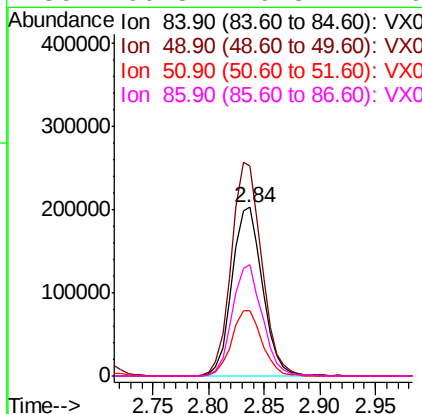
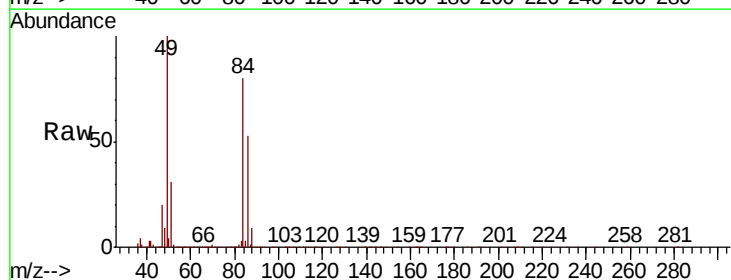
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 1178566
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 52.512 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 84 Resp: 384783
Ion Ratio Lower Upper
84 100
49 124.2 98.6 148.0
51 38.5 29.6 44.4
86 66.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 51.598 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

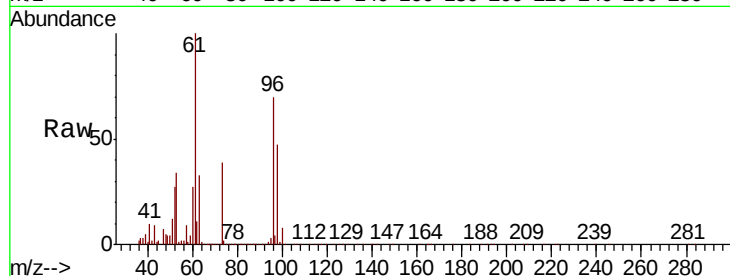
Tot Ion: 96 Resp: 370513

Ion Ratio Lower Upper

96 100

61 142.5 115.4 173.0

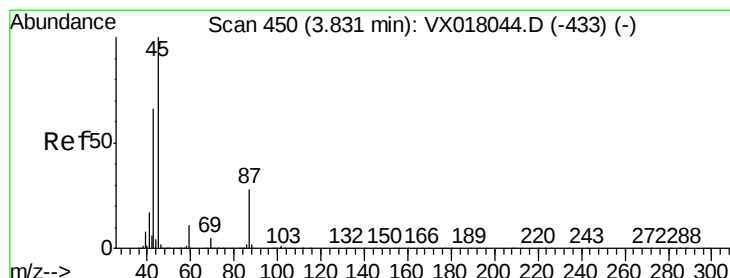
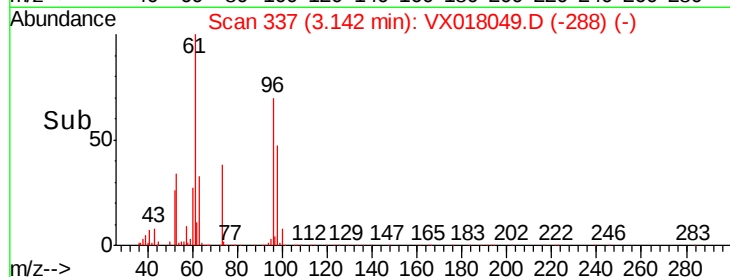
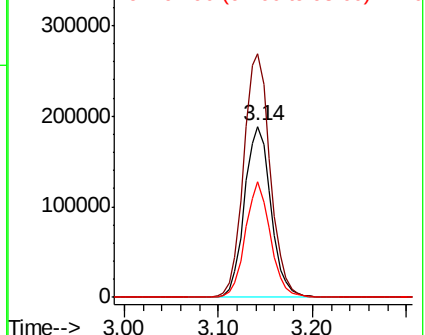
98 67.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.789 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion: 45 Resp: 1236214

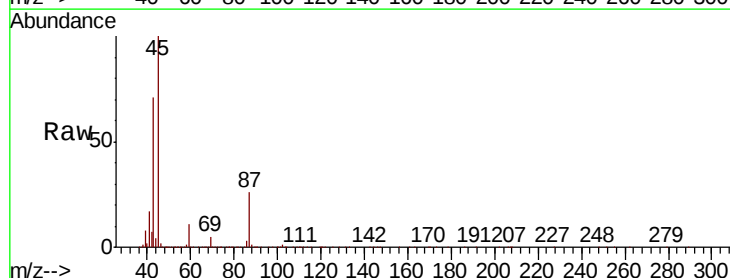
Ion Ratio Lower Upper

45 100

43 71.4 52.8 79.2

87 26.0 22.5 33.7

59 11.2 9.0 13.6

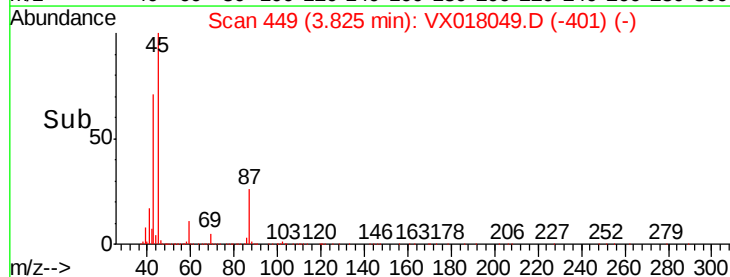
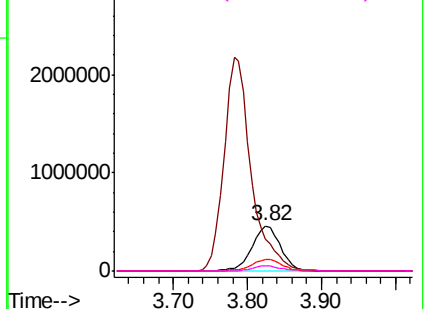


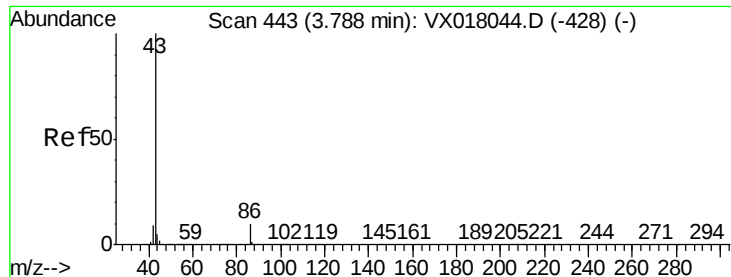
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 271.855 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

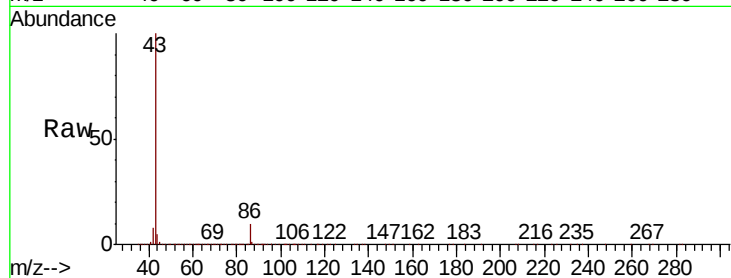
ClientSampled :

Tot Ion: 43 Resp: 5559495

Ion Ratio Lower Upper

43 100

86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2500000

2000000

1500000

1000000

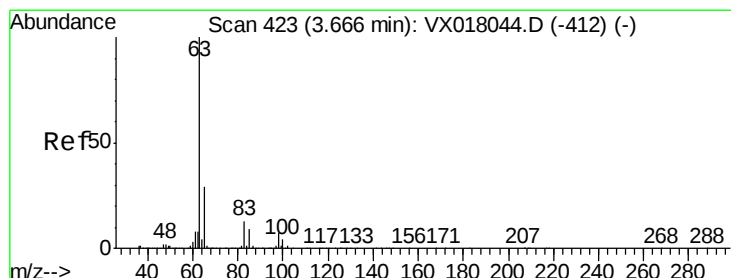
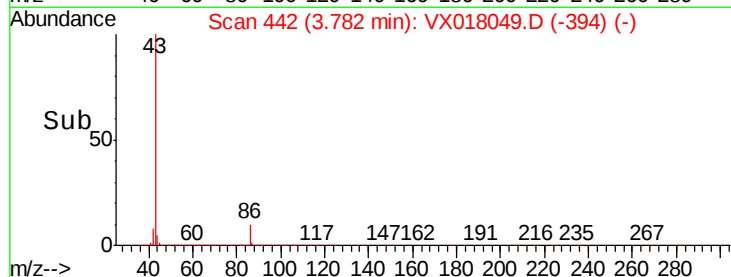
500000

0

Time-->

3.60 3.70 3.80 3.90 4.00

3.78



#24

1,1-Dichloroethane

Concen: 52.365 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

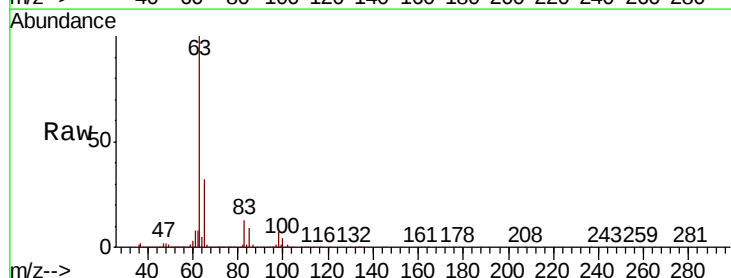
Tgt Ion: 63 Resp: 685075

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

400000

300000

200000

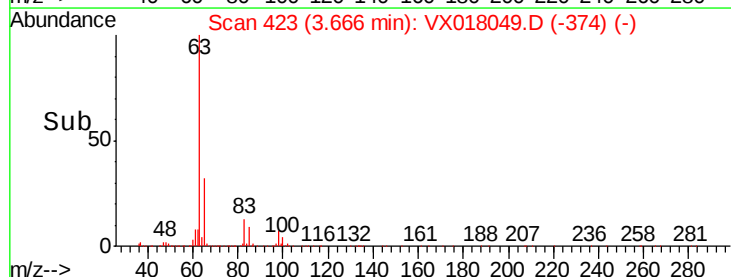
100000

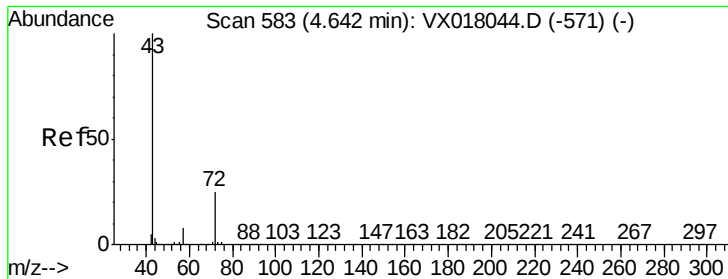
0

Time-->

3.60 3.70 3.80

3.67





#25

2-Butanone

Concen: 244.810 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

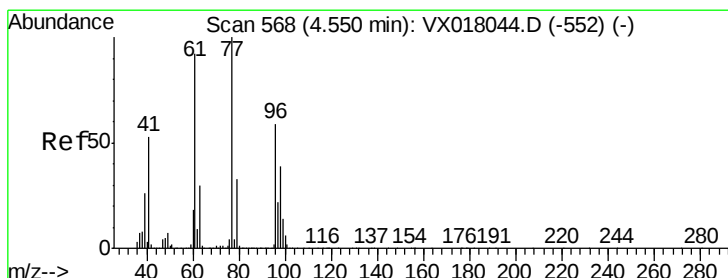
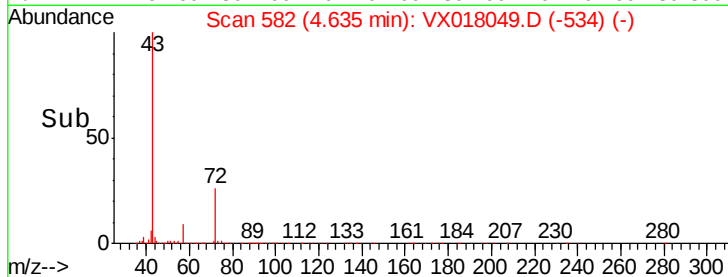
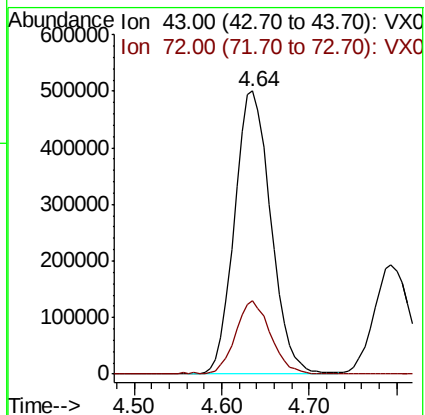
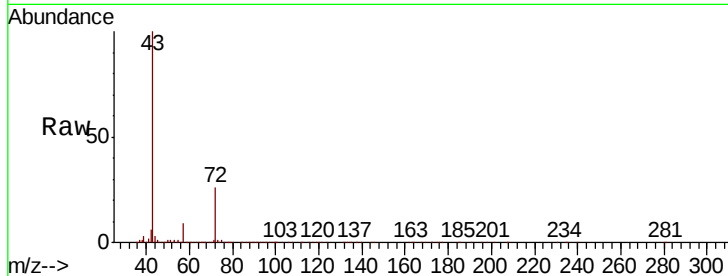
ClientSampled :

Tot Ion: 43 Resp: 1443455

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 60.215 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018049.D

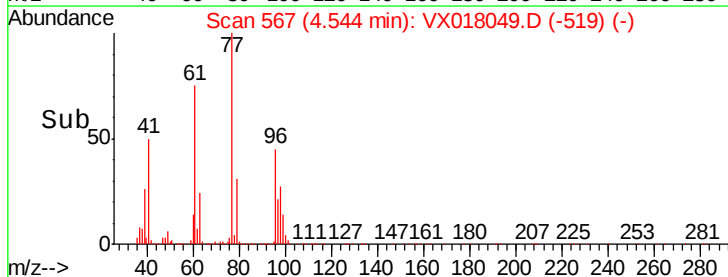
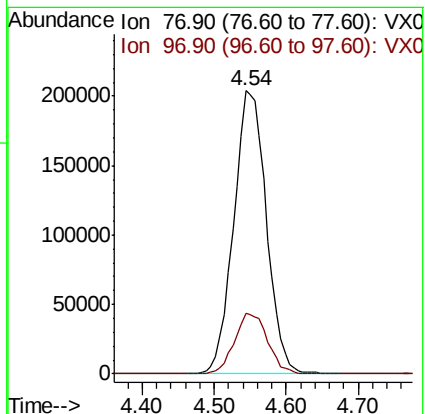
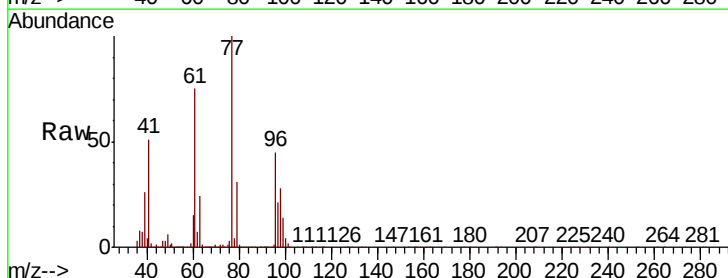
Acq: 21 Aug 2020 10:30

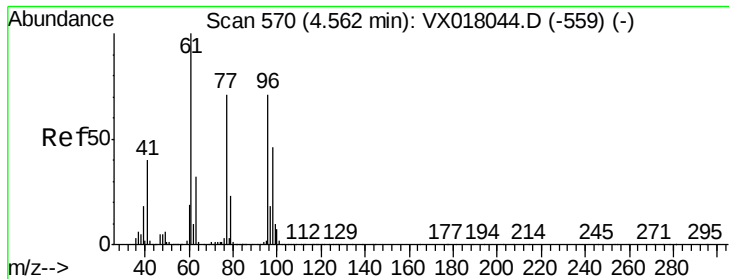
Tgt Ion: 77 Resp: 640976

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5



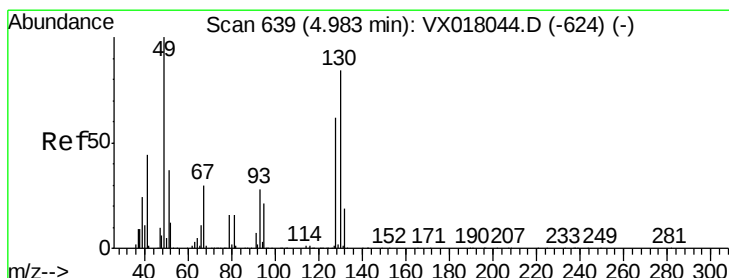
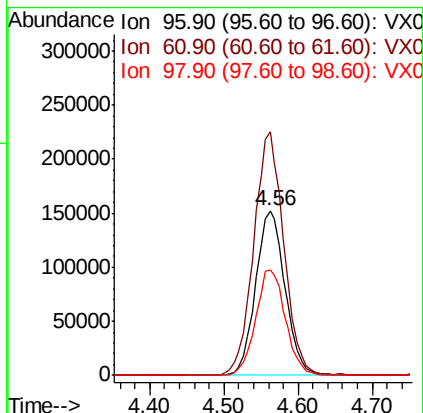
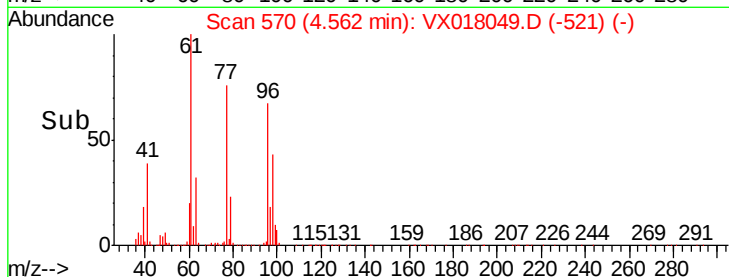
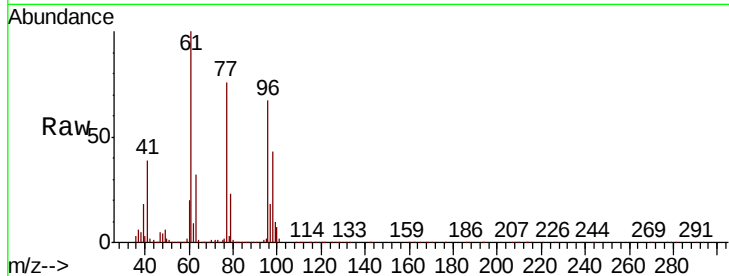


#27

cis-1,2-Dichloroethene
Concen: 50.788 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampled :

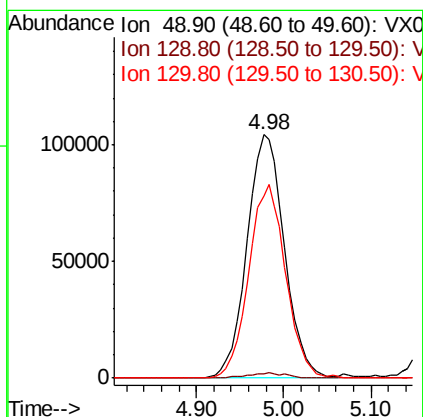
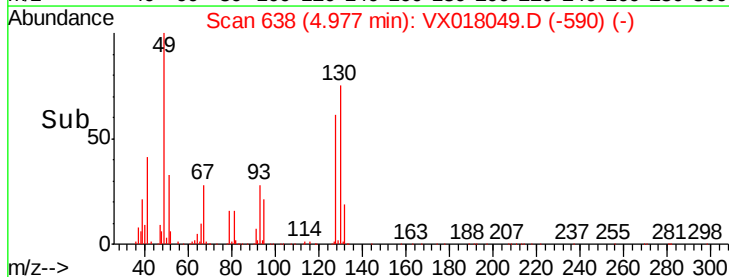
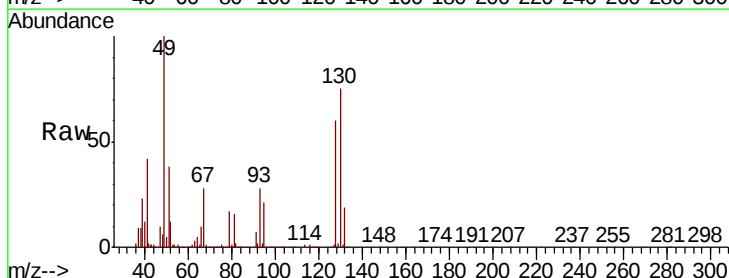
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	296.6
98	65.0	0.0	130.2



#28

Bromochloromethane
Concen: 49.138 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	78.5	64.6	96.8

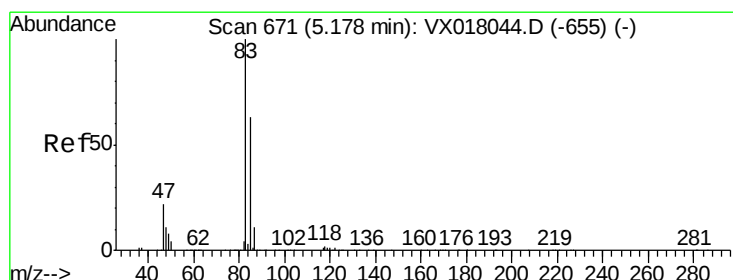
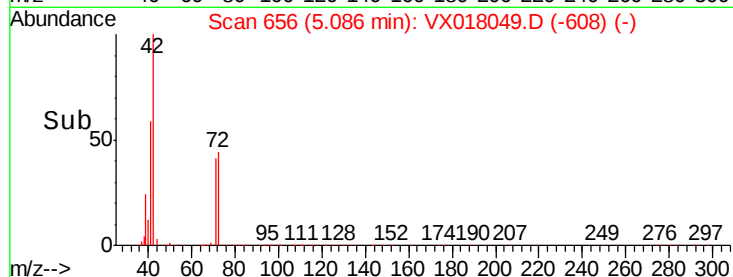
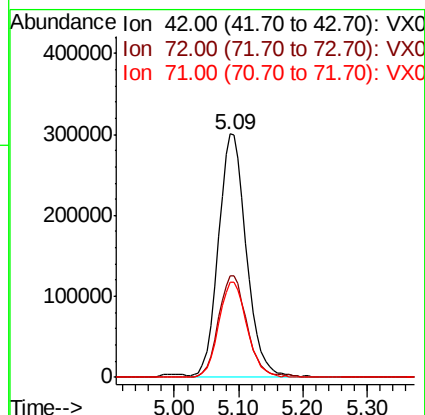
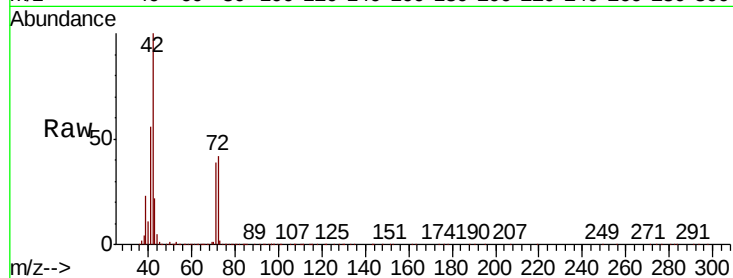




#29
Tetrahydrofuran
Concen: 244.108 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

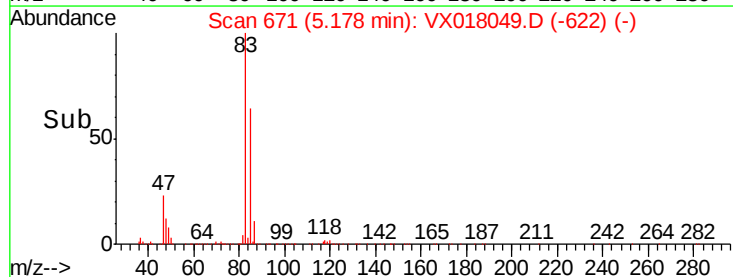
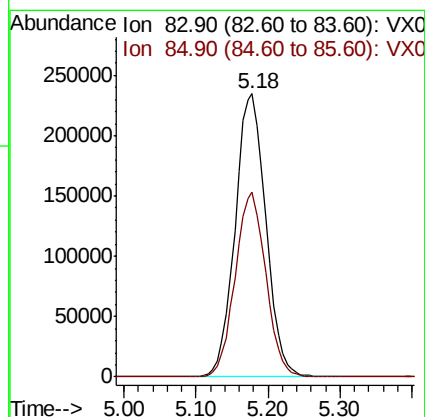
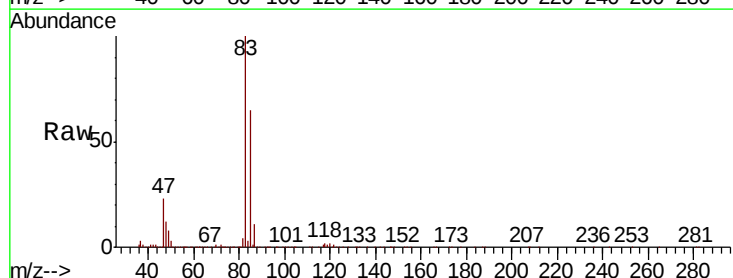
Instrument :
MSVOA_X
ClientSampleId :

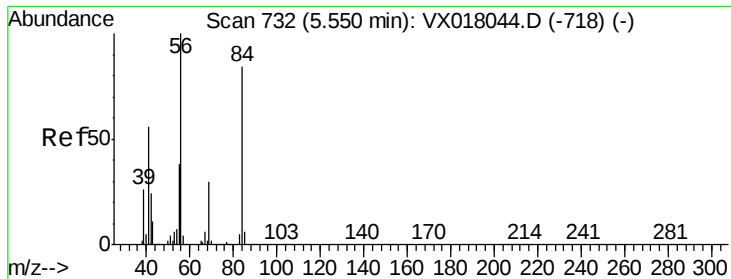
Tot Ion: 42 Resp: 916240
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.4
71 39.7 32.1 48.1



#30
Chloroform
Concen: 51.479 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 83 Resp: 697371
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1

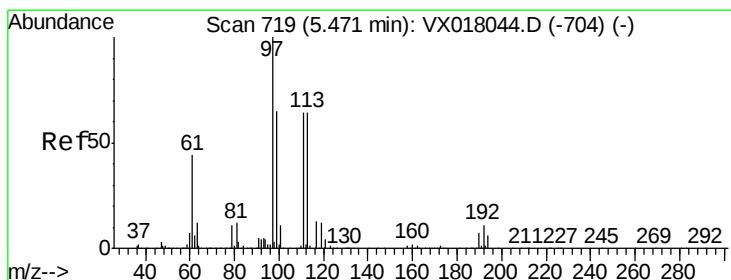
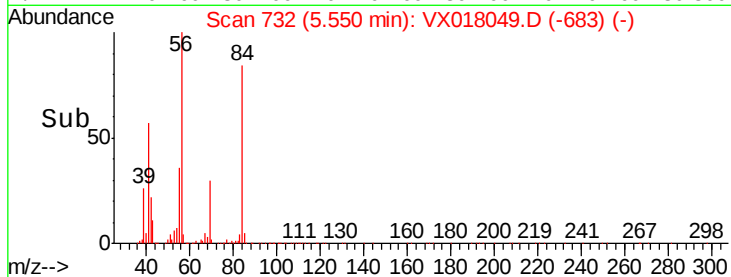
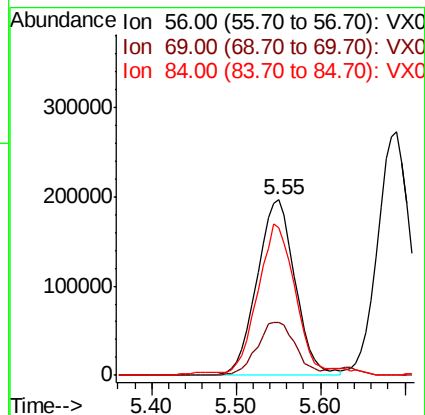
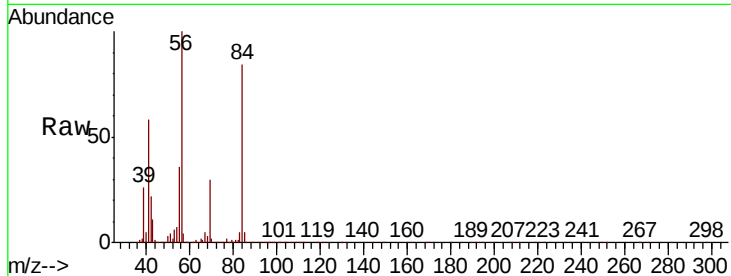




#31
Cyclohexane
Concen: 55.208 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

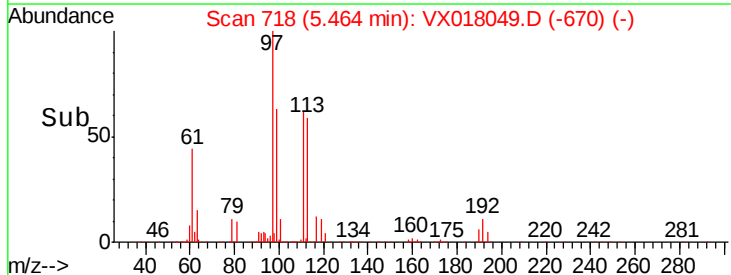
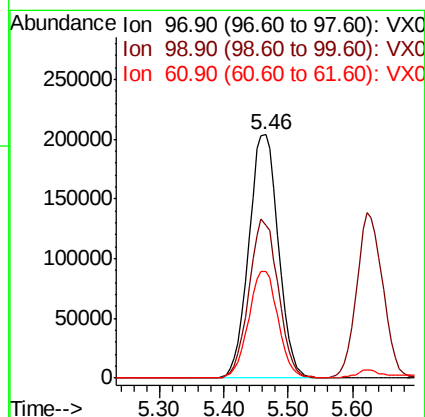
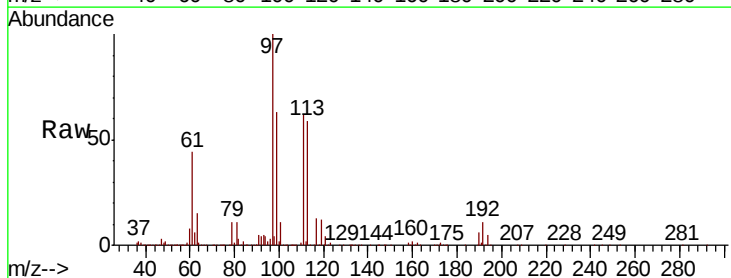
Instrument :
MSVOA_X
ClientSampleId :

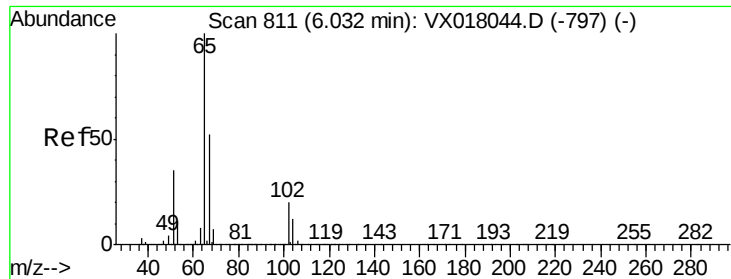
Tot Ion: 56 Resp: 608408
Ion Ratio Lower Upper
56 100
69 29.8 23.9 35.9
84 82.9 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 51.483 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 97 Resp: 640013
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 43.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 46.750 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

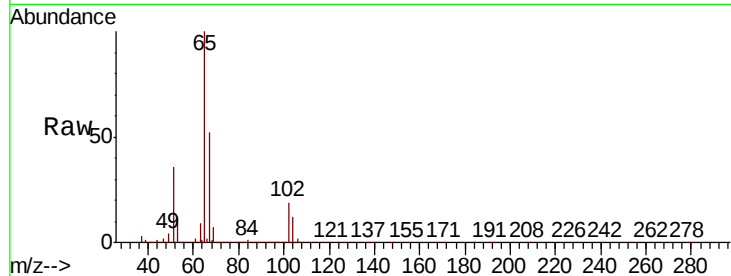
ClientSampleId :

Tot Ion: 65 Resp: 430438

Ion Ratio Lower Upper

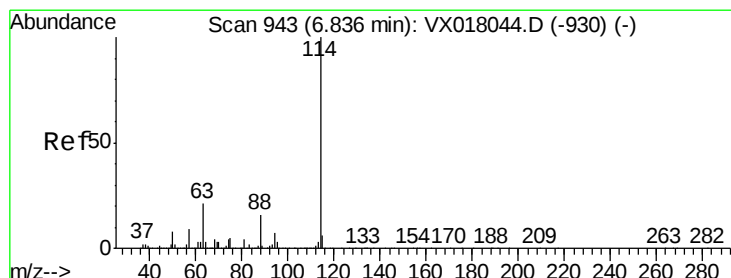
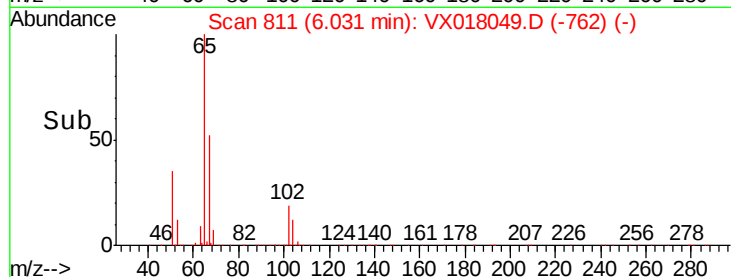
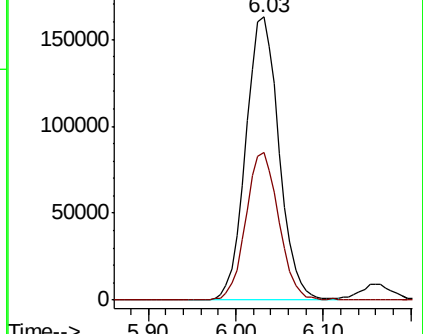
65 100

67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

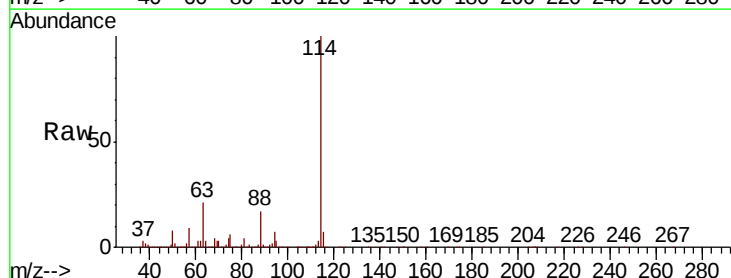
Tgt Ion: 114 Resp: 1044585

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

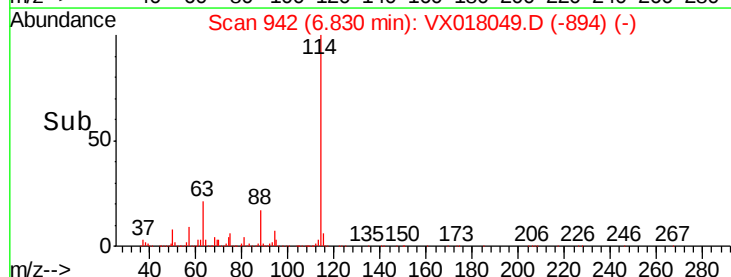
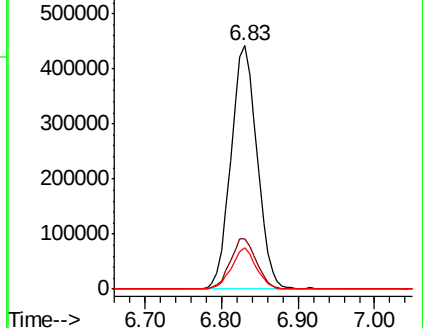
88 16.8 0.0 31.8

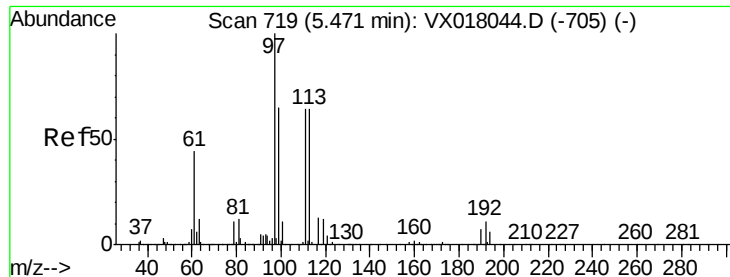


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

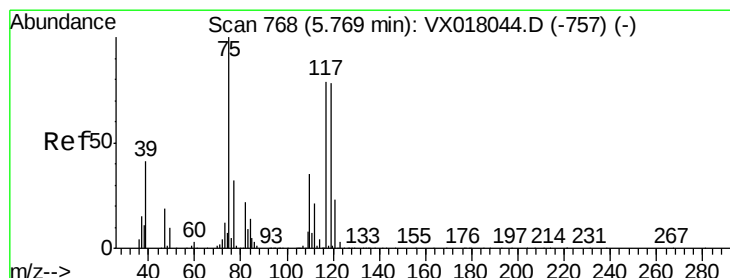
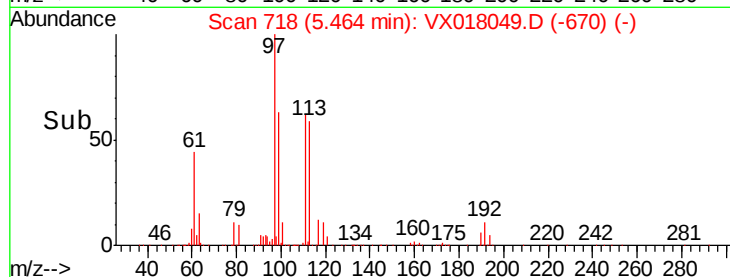
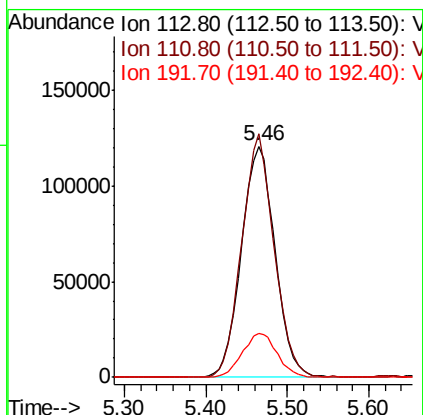
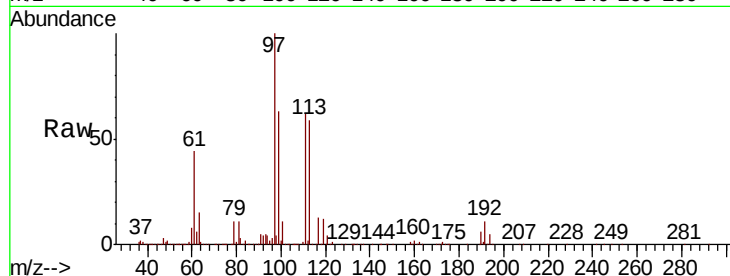




#35
 Dibromofluoromethane
 Concen: 48.804 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

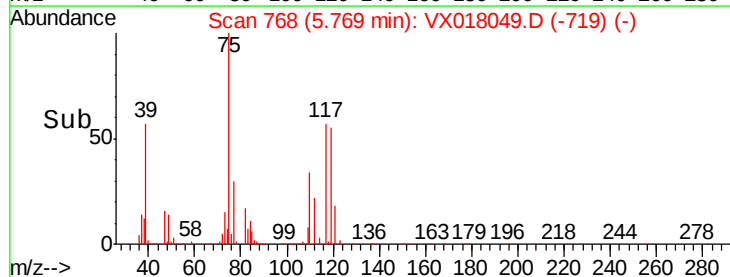
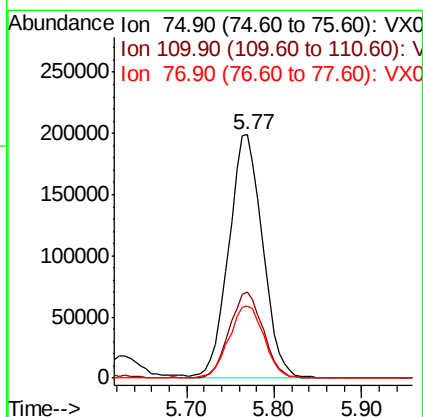
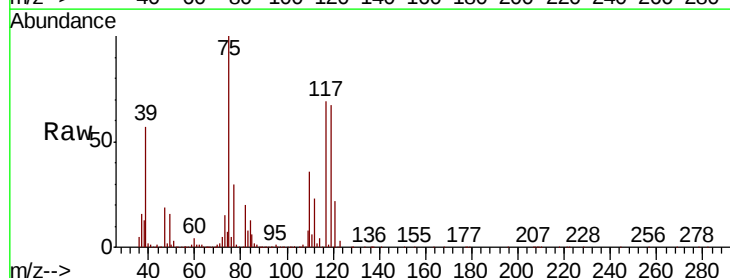
Instrument :
 MSVOA_X
 ClientSampleId :

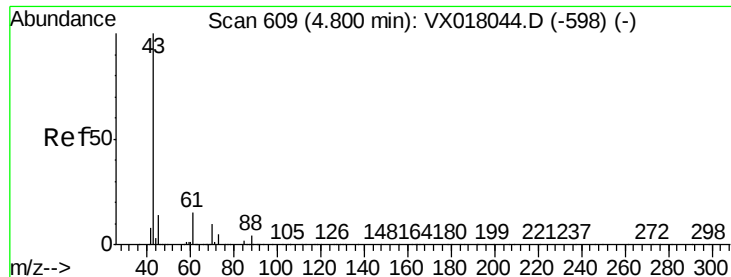
Tot Ion:113 Resp: 347200
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.6 122.4
 192 19.7 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 55.432 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion: 75 Resp: 534073
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.0 54.0
 77 30.7 24.4 36.6

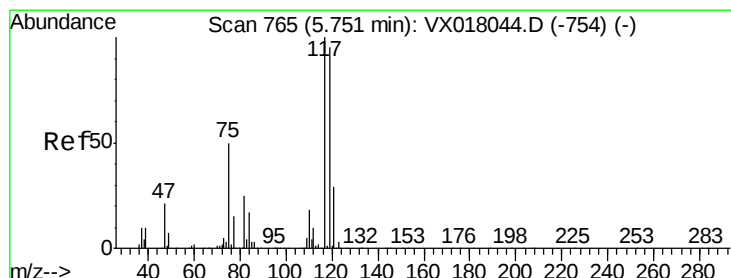
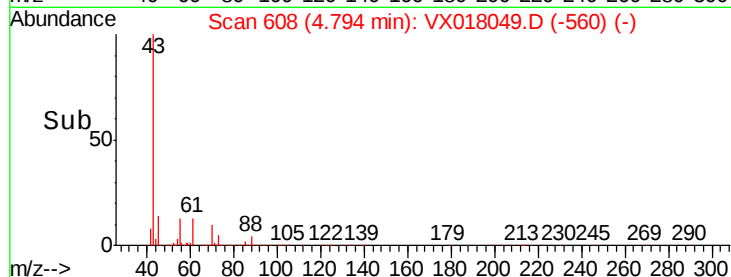
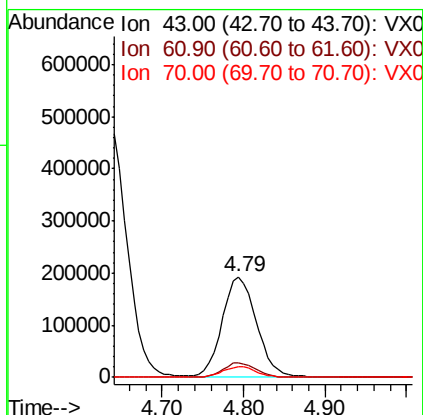
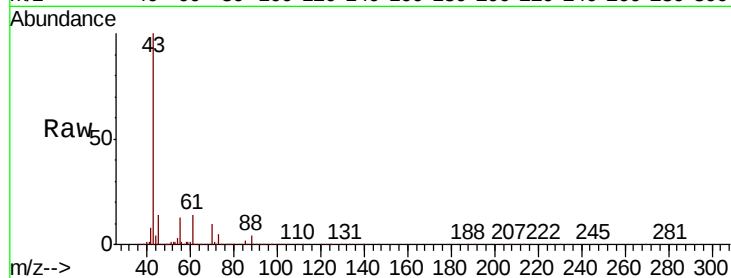




#37
Ethyl Acetate
Concen: 50.050 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

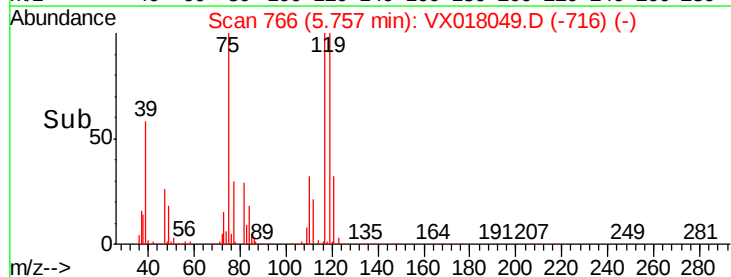
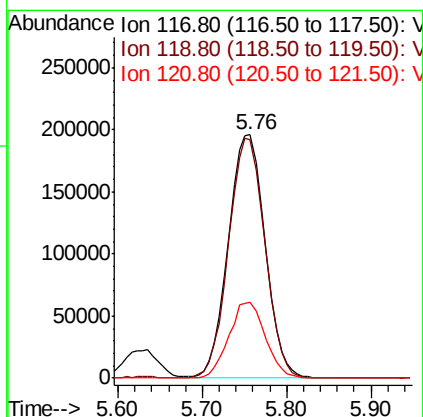
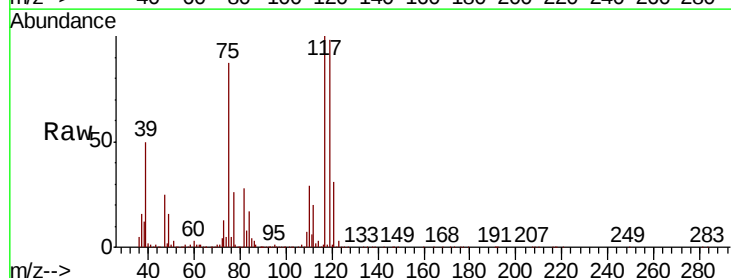
Instrument :
MSVOA_X
ClientSampleId :

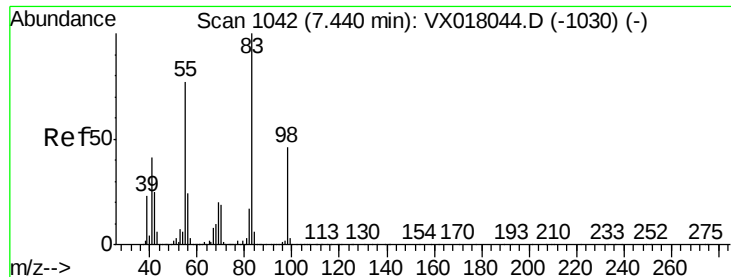
Tot Ion: 43 Resp: 560064
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 53.438 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 117 Resp: 580223
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
121 31.3 23.4 35.0

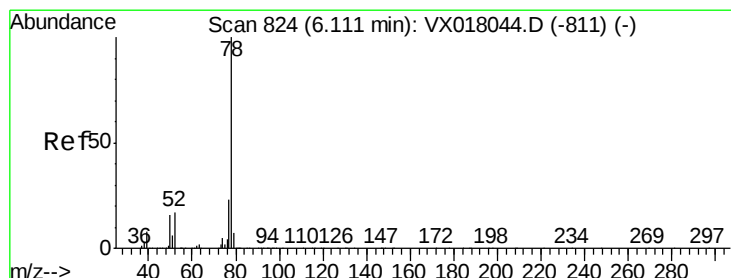
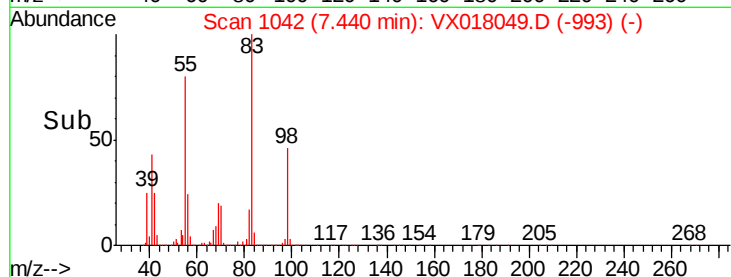
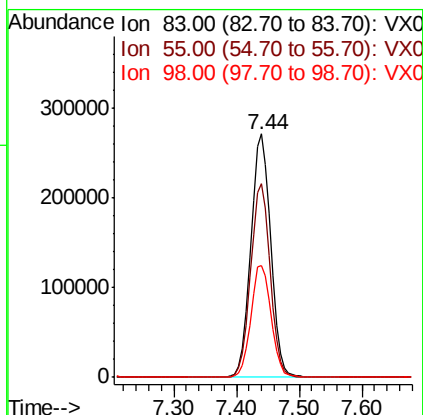
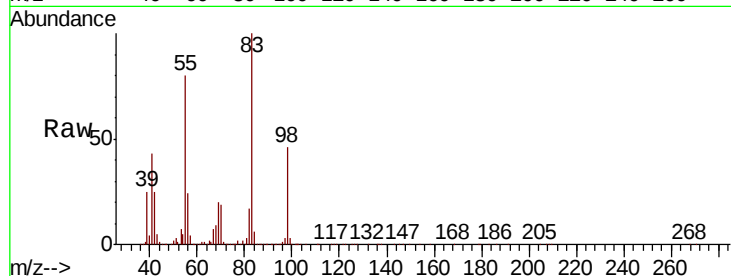




#39
Methvlcvclohexane
Concen: 56.289 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

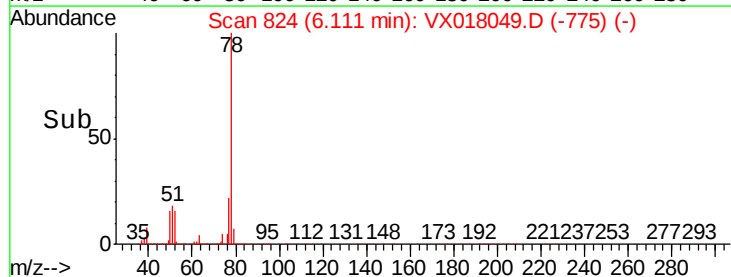
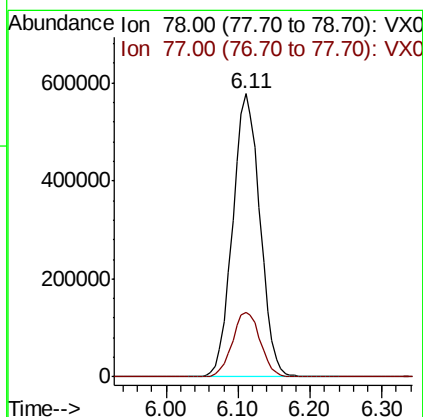
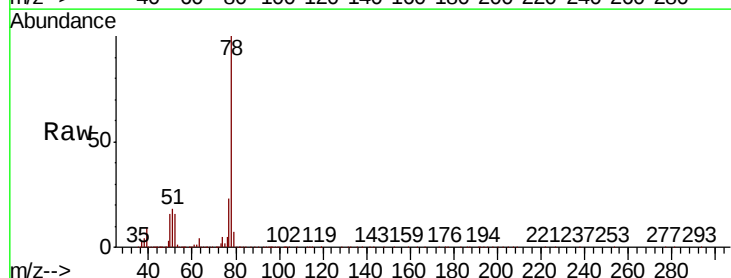
Instrument :
MSVOA_X
ClientSampleId :

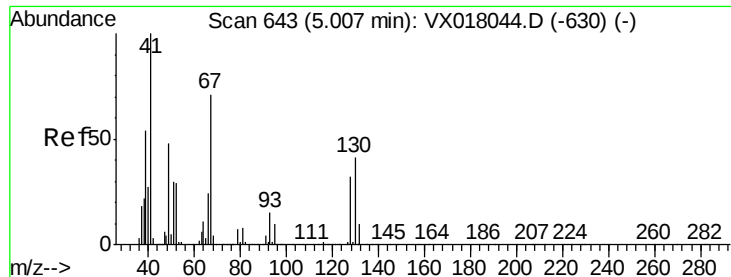
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.8	92.6
98	45.9	36.6	55.0



#40
Benzene
Concen: 53.736 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





#41

Methacrylonitrile

Concen: 50.725 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 311662

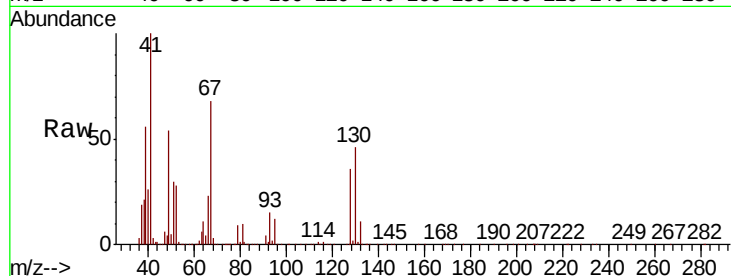
Ion Ratio Lower Upper

41 100

39 54.0 43.1 64.7

67 70.2 56.0 84.0

52 28.0 22.7 34.1

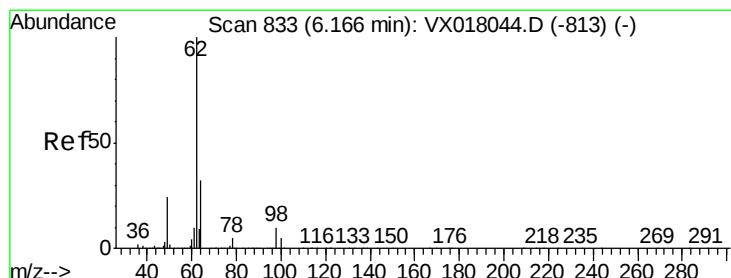
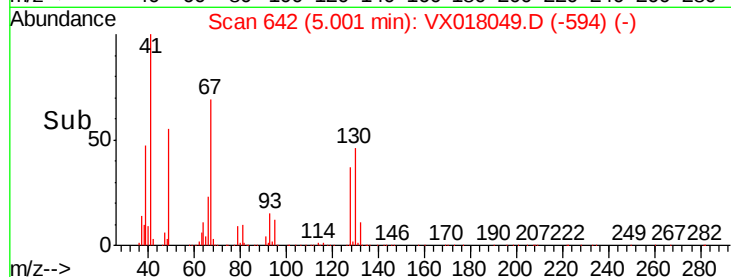
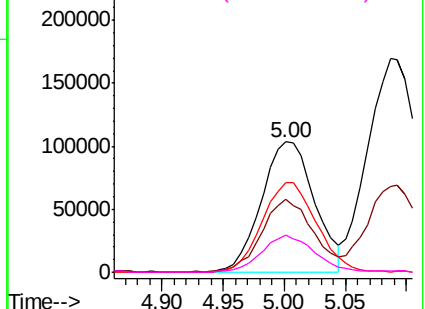


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 52.727 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018049.D

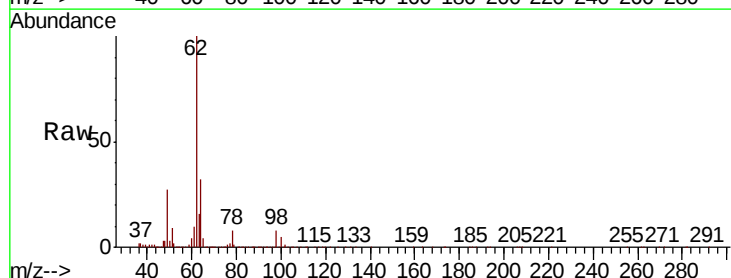
Acq: 21 Aug 2020 10:30

Tgt Ion: 62 Resp: 571918

Ion Ratio Lower Upper

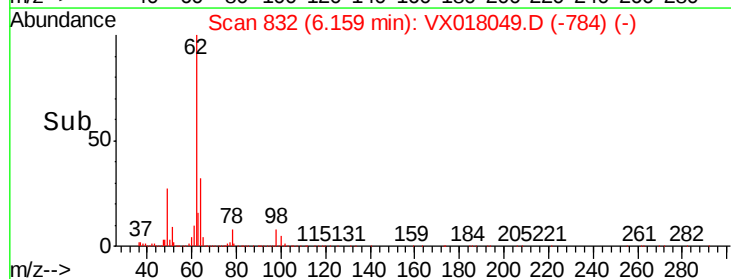
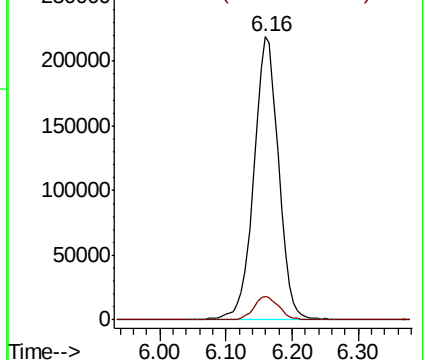
62 100

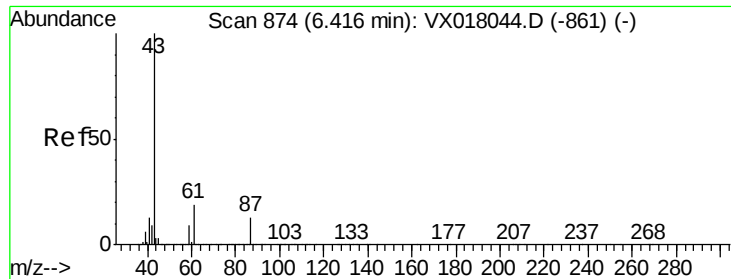
98 8.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.664 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

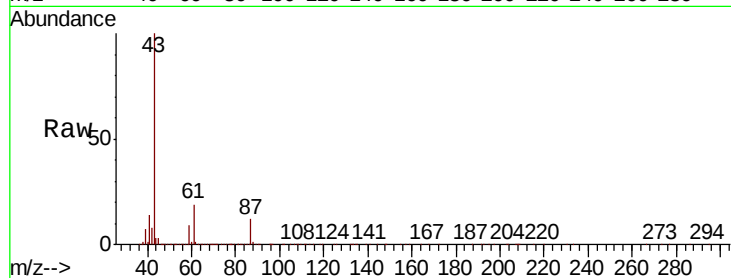
Tot Ion: 43 Resp: 933783

Ion Ratio Lower Upper

43 100

61 19.7 15.7 23.5

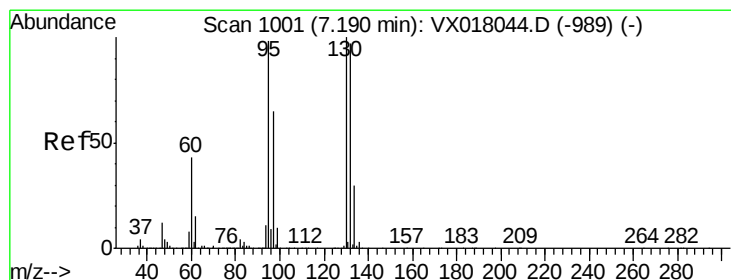
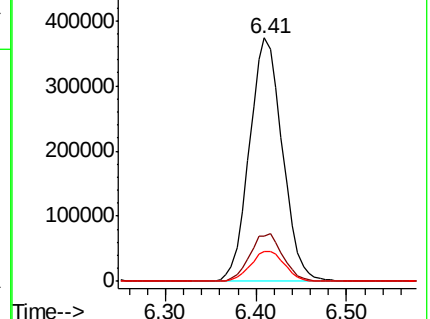
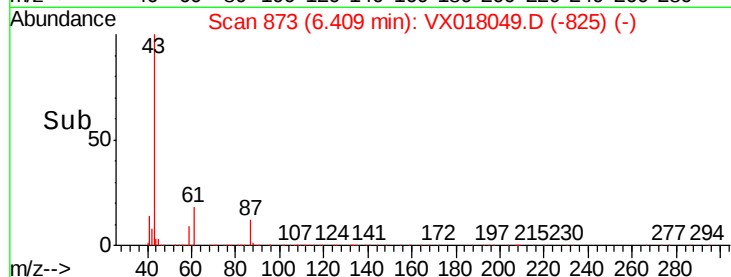
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX018044.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX018044.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX018044.D (-861) (-)



#44

Trichloroethene

Concen: 53.710 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018049.D

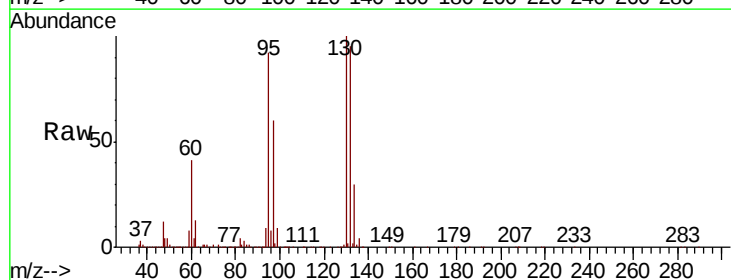
Acq: 21 Aug 2020 10:30

Tgt Ion: 130 Resp: 429649

Ion Ratio Lower Upper

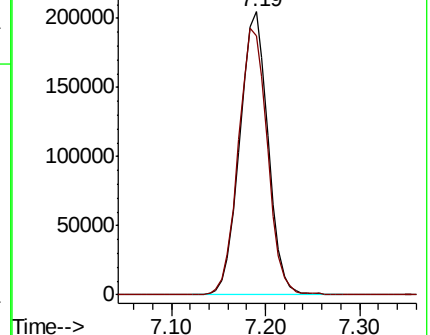
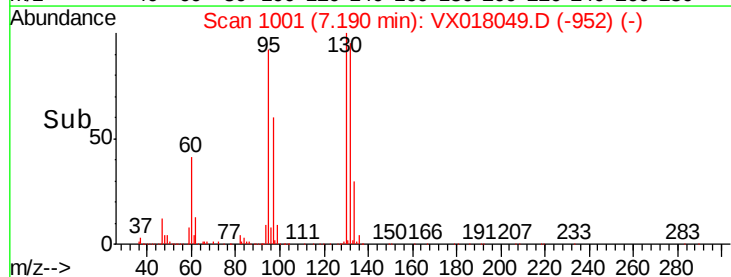
130 100

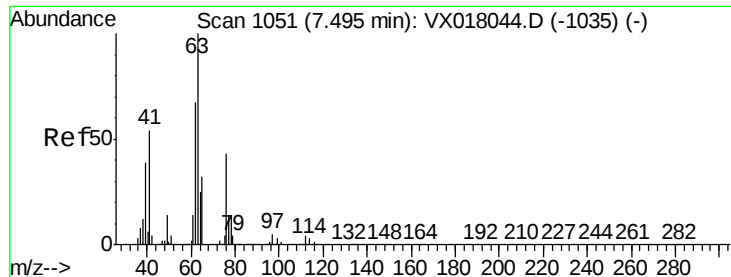
95 91.6 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): VX018044.D (-989) (-)

Ion 94.90 (94.60 to 95.60): VX018044.D (-989) (-)





#45

1,2-Dichloropropane

Concen: 53.146 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

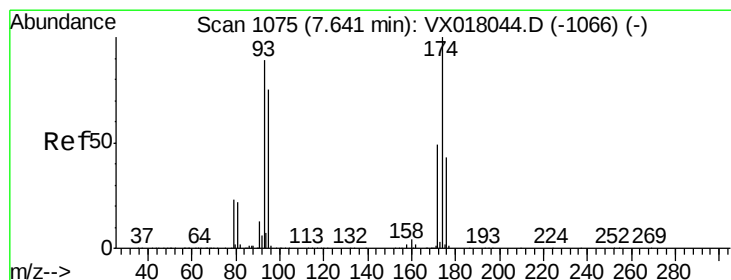
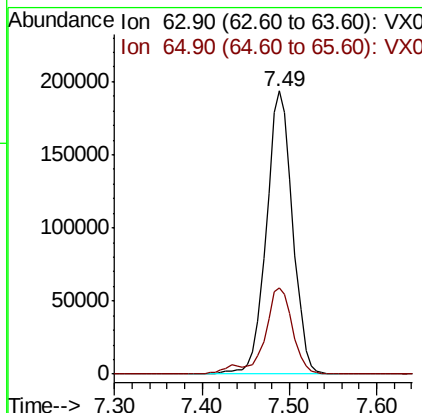
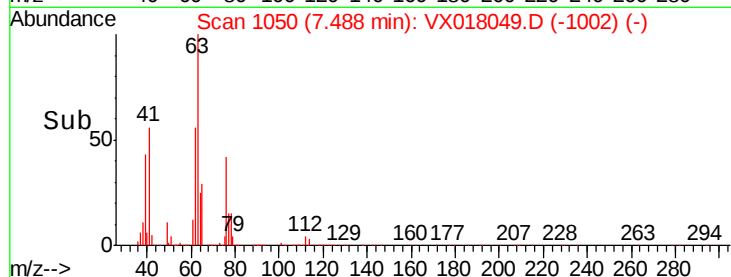
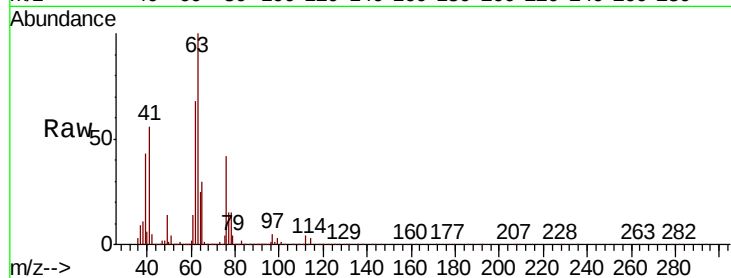
ClientSampleId :

Tot Ion: 63 Resp: 405514

Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5



#46

Dibromomethane

Concen: 50.045 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

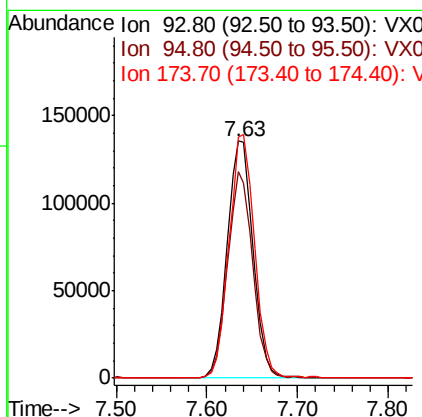
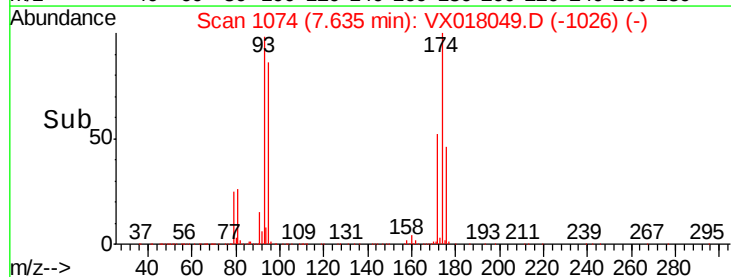
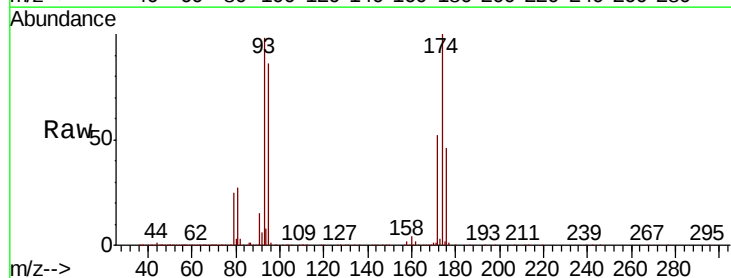
Tgt Ion: 93 Resp: 268523

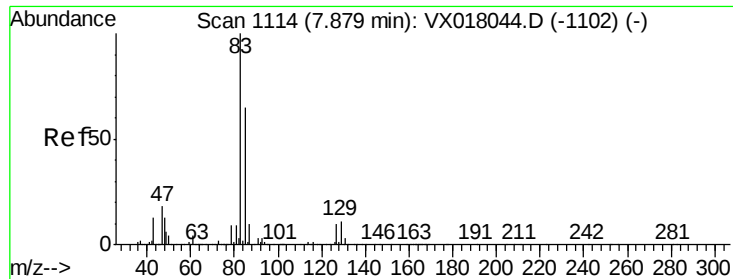
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 101.2 82.2 123.2





#47

Bromodichloromethane

Concen: 52.586 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

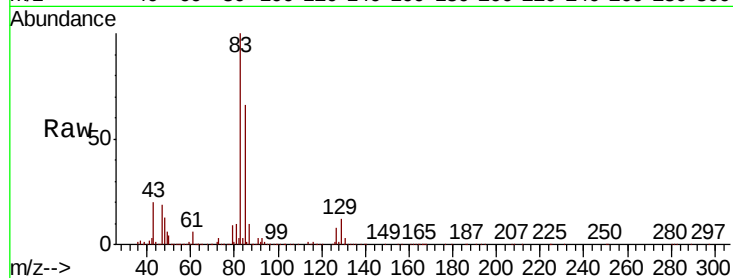
Tot Ion: 83 Resp: 563389

Ion Ratio Lower Upper

83 100

85 65.9 51.8 77.6

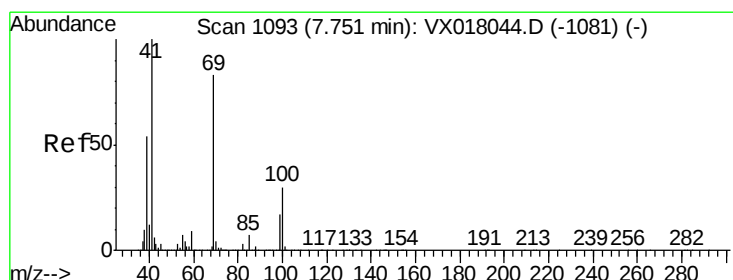
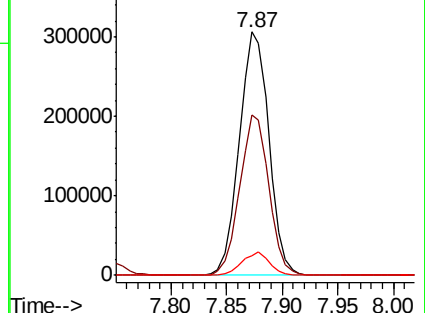
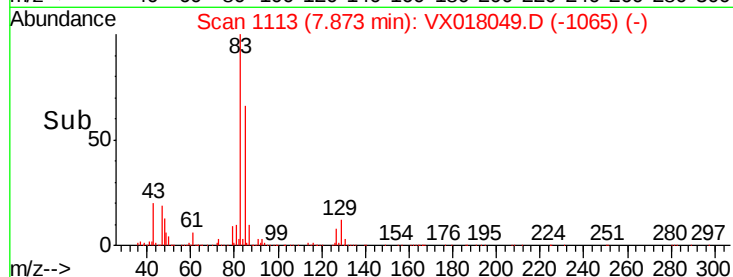
127 8.3 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.421 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

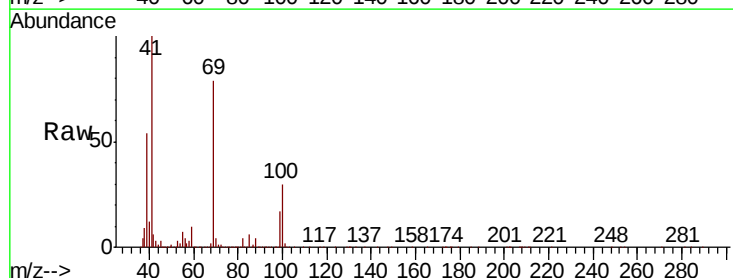
Tgt Ion: 41 Resp: 453657

Ion Ratio Lower Upper

41 100

69 80.7 65.5 98.3

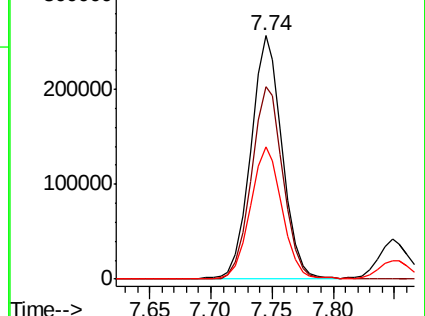
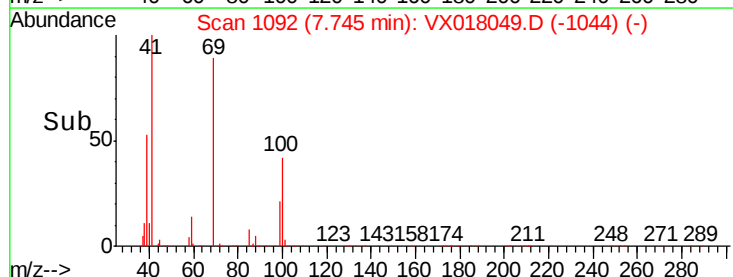
39 55.0 44.5 66.7

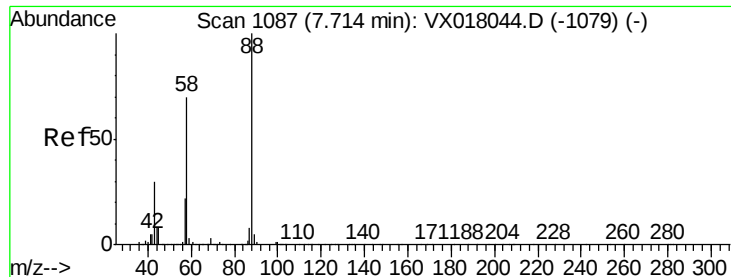


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1103.977 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

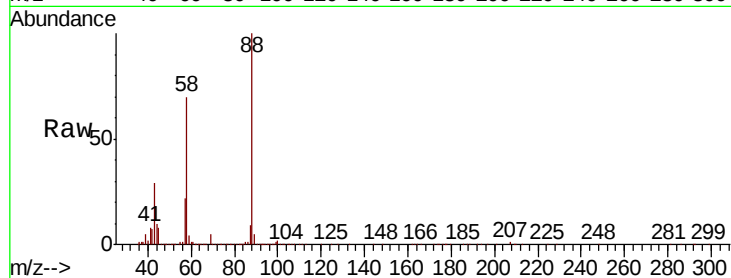
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 88 Resp: 179927

Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.4	41.0
58	73.1	56.4	84.6

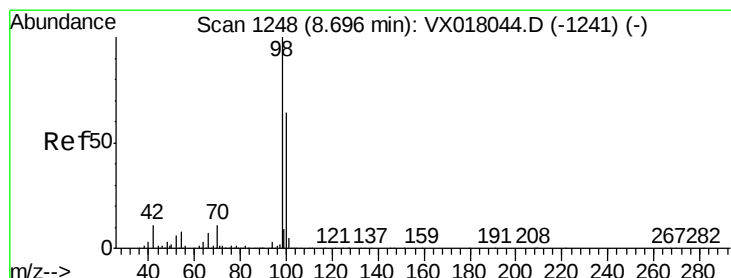
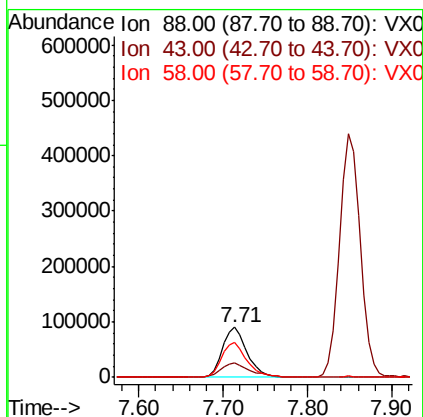
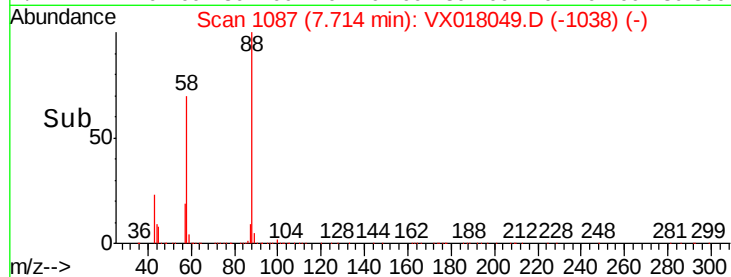


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.089 ug/l

RT: 8.70 min Scan# 1248

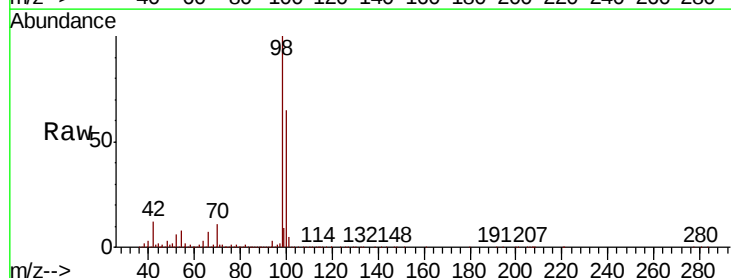
Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion: 98 Resp: 1247727

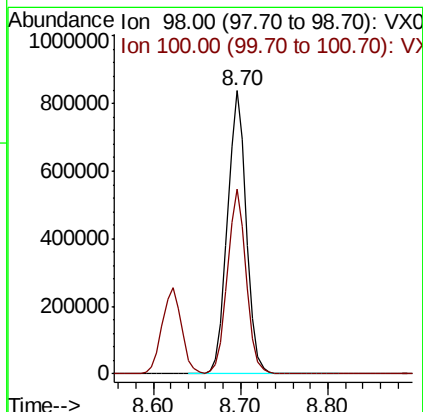
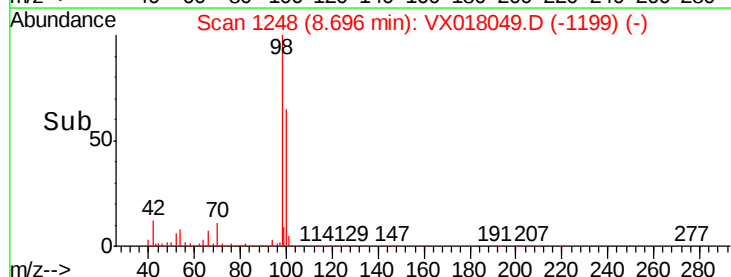
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4

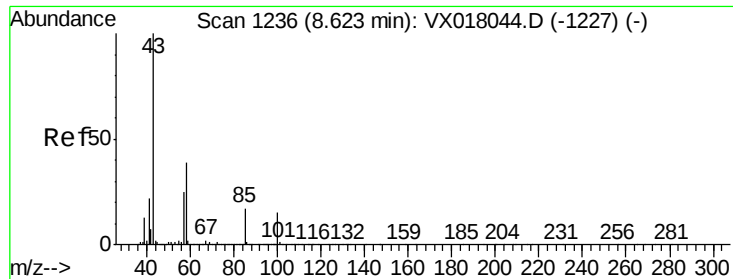


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 239.294 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

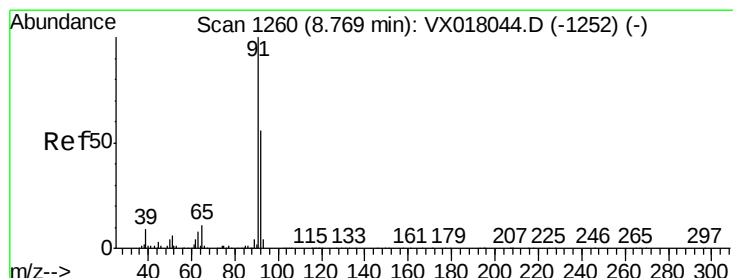
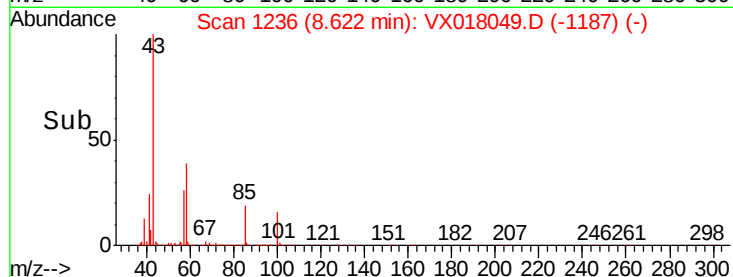
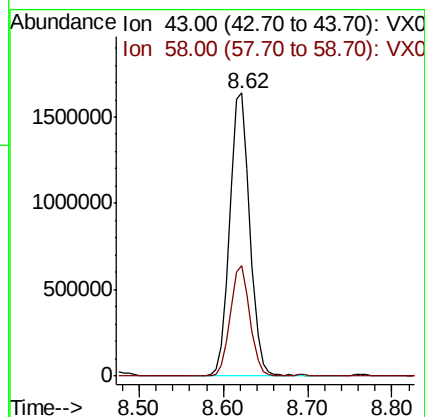
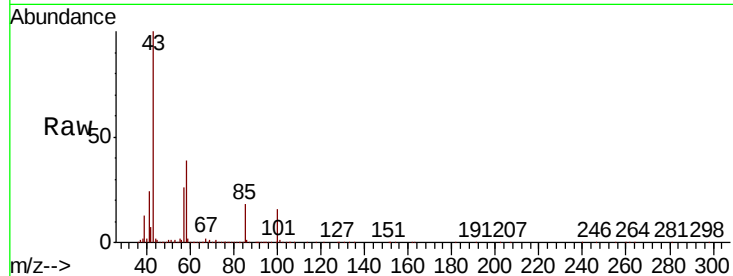
ClientSampleId :

Tot Ion: 43 Resp: 2671607

Ion Ratio Lower Upper

43 100

58 38.3 30.7 46.1



#52

Toluene

Concen: 51.746 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018049.D

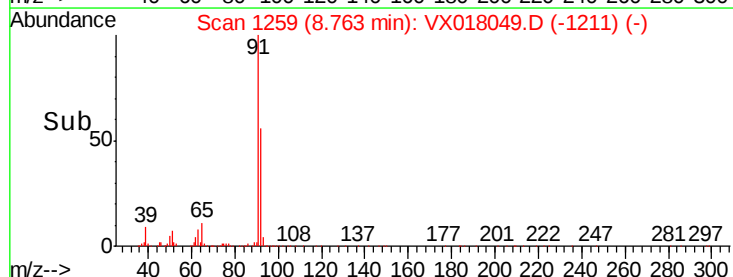
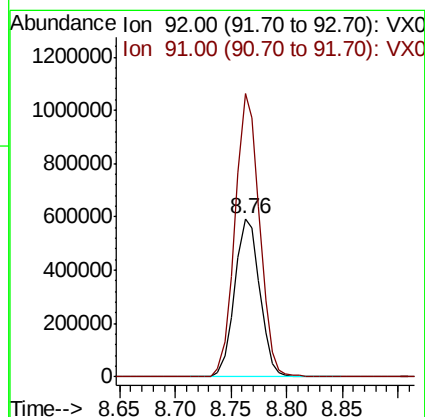
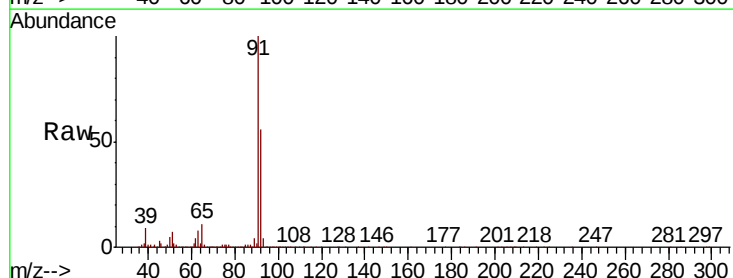
Acq: 21 Aug 2020 10:30

Tgt Ion: 92 Resp: 928932

Ion Ratio Lower Upper

92 100

91 174.1 140.3 210.5

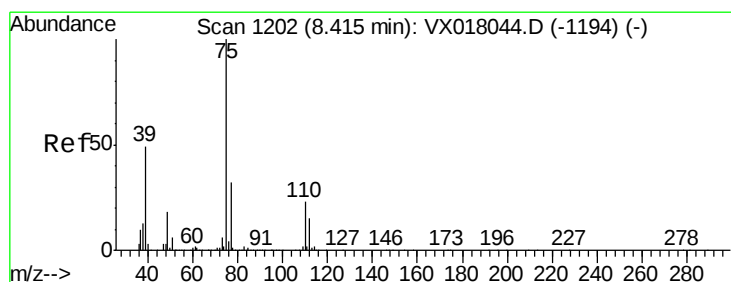
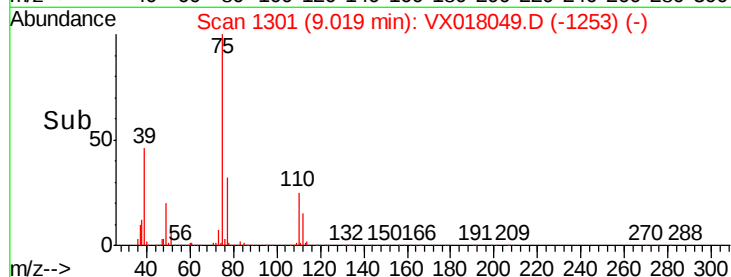
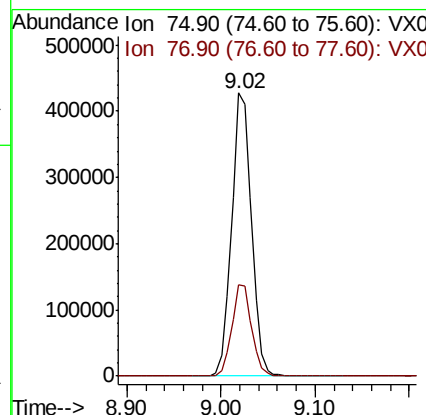
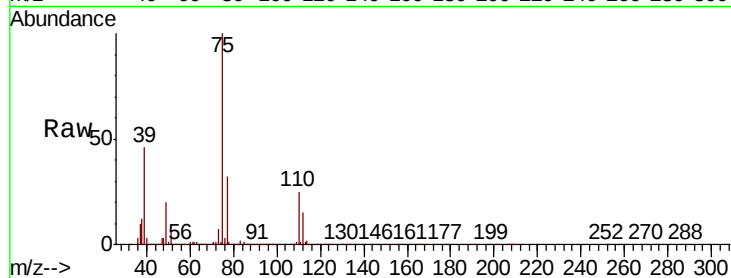




#53
t-1,3-Dichloropropene
Concen: 52.528 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

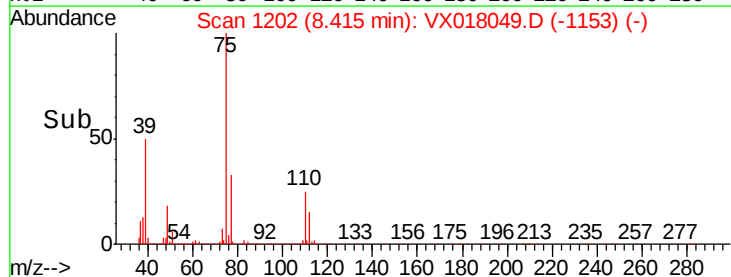
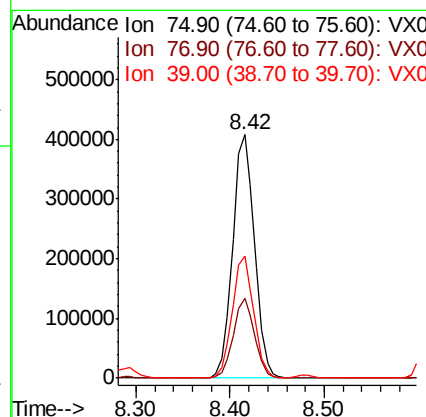
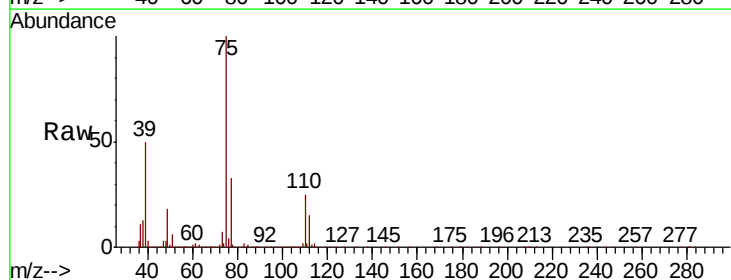
Instrument :
MSVOA_X
ClientSampleId :

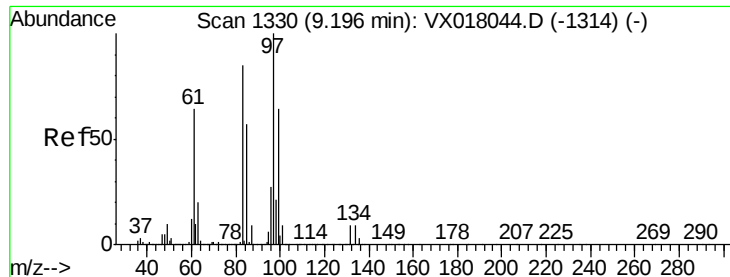
Tot Ion: 75 Resp: 623710
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 52.017 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 75 Resp: 654285
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
39 50.2 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 49.530 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 379211

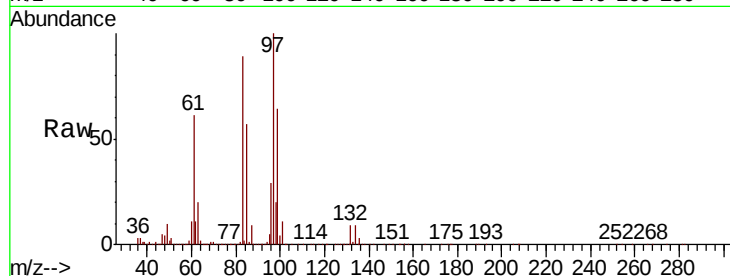
Ion Ratio Lower Upper

97 100

83 89.0 67.8 101.6

85 56.7 45.3 67.9

99 63.5 50.9 76.3

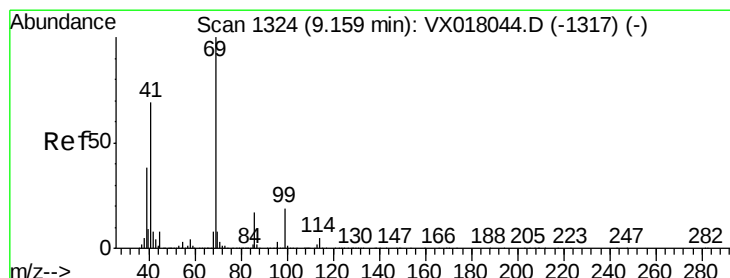
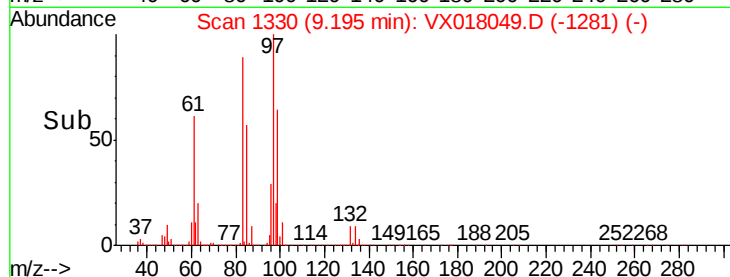
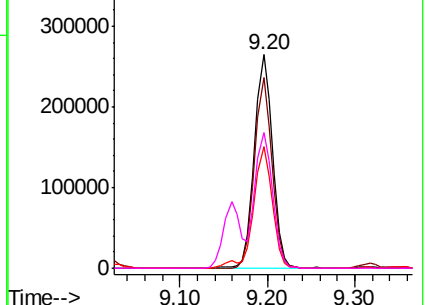


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.501 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

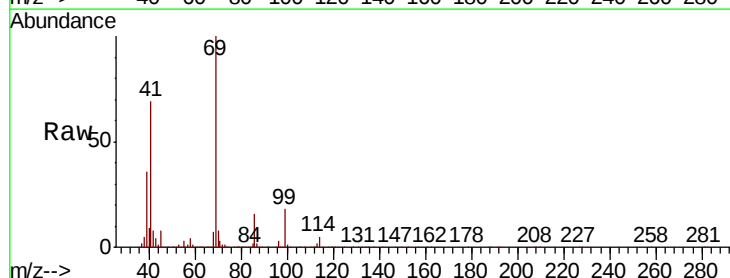
Tgt Ion: 69 Resp: 597556

Ion Ratio Lower Upper

69 100

41 68.7 54.6 81.8

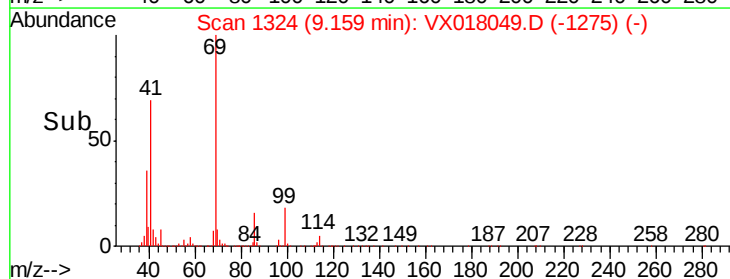
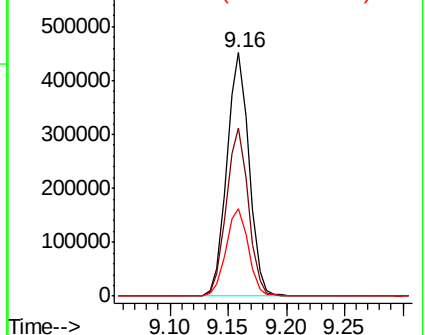
39 36.1 29.1 43.7

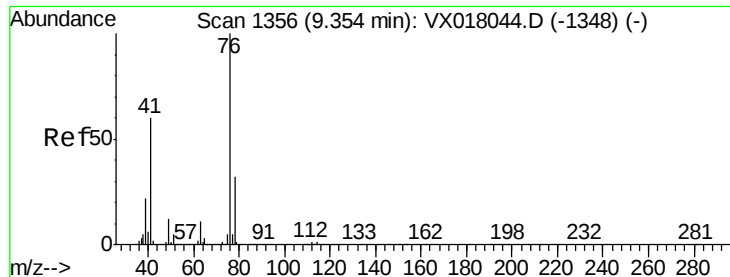


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.032 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

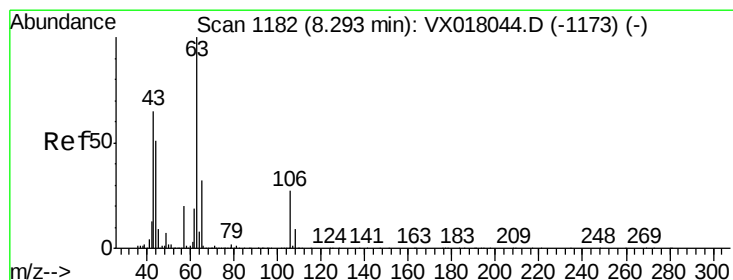
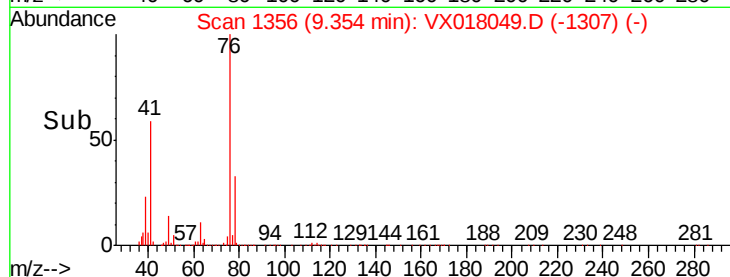
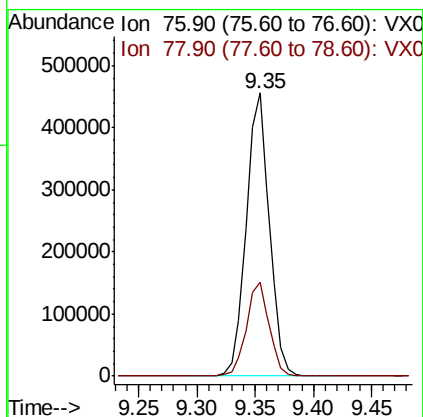
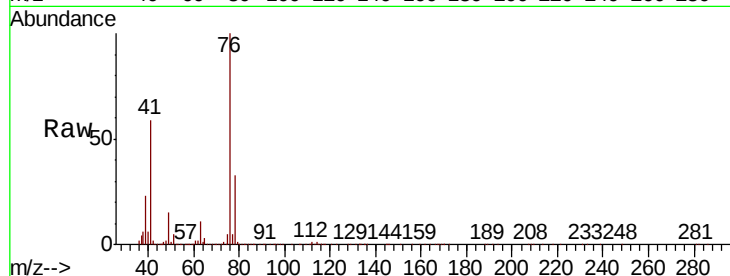
ClientSampled :

Tot Ion: 76 Resp: 631799

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.853 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018049.D

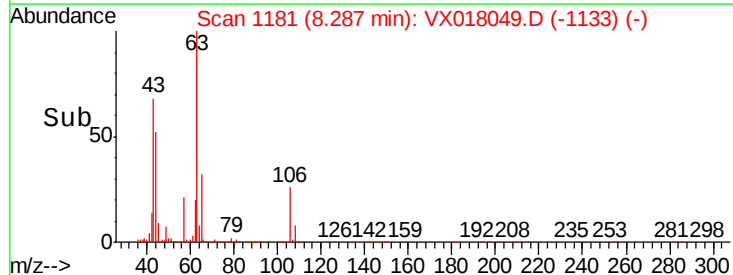
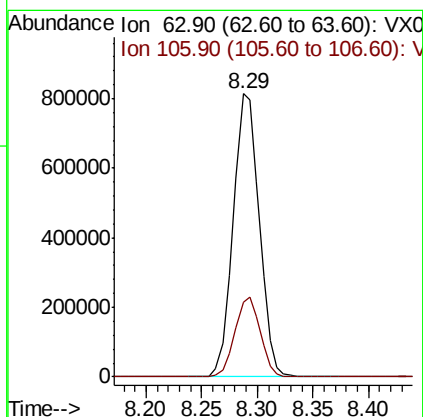
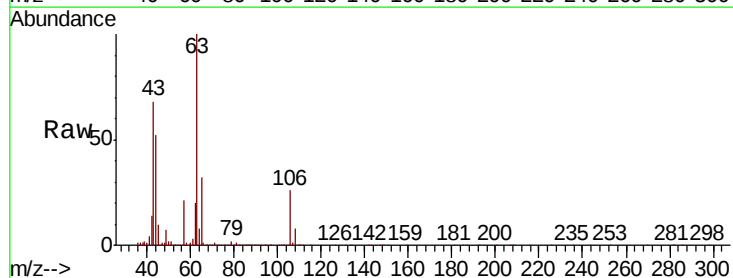
Acq: 21 Aug 2020 10:30

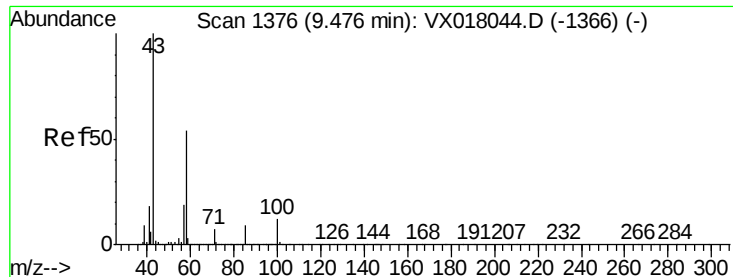
Tgt Ion: 63 Resp: 1315102

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

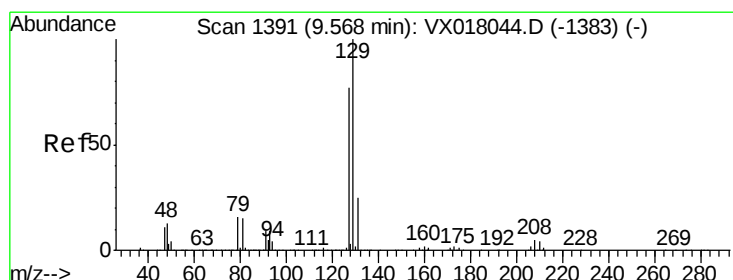
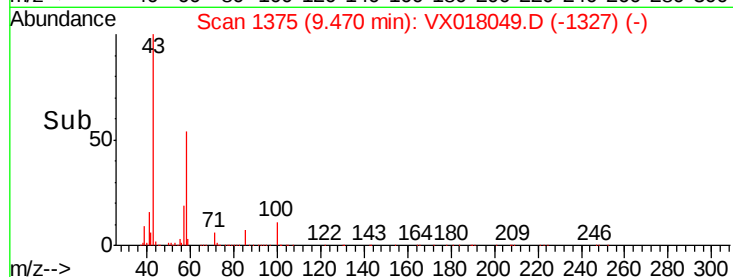
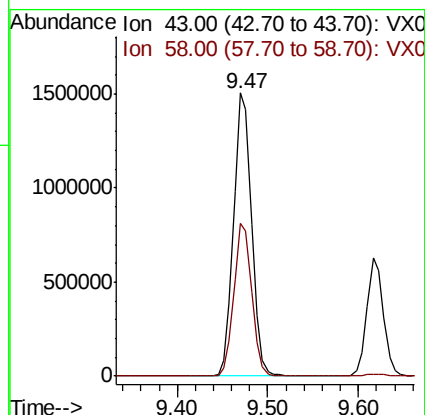
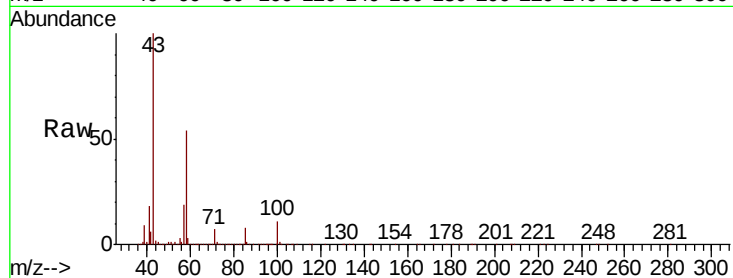




#59
2-Hexanone
Concen: 244.077 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

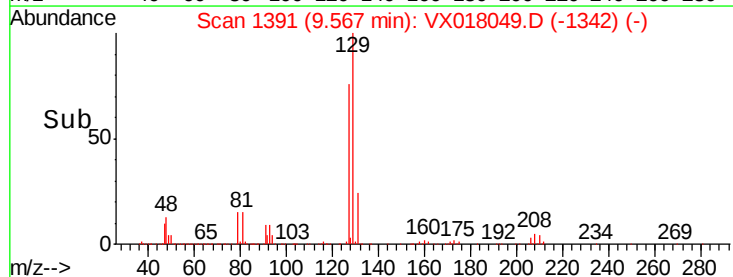
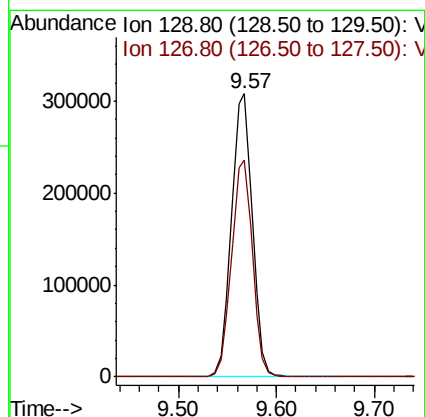
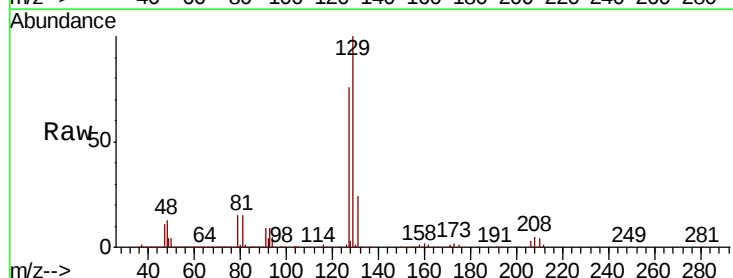
Instrument :
MSVOA_X
ClientSampleId :

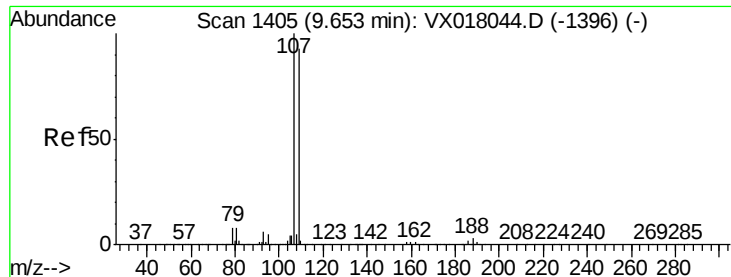
Tot Ion: 43 Resp: 2072053
Ion Ratio Lower Upper
43 100
58 53.7 26.6 79.7



#60
Dibromochloromethane
Concen: 50.857 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 129 Resp: 456770
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 48.636 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

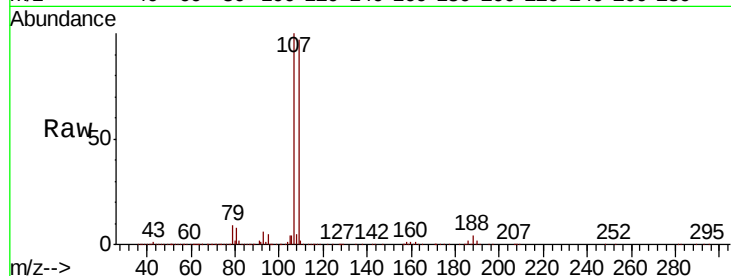
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 404265

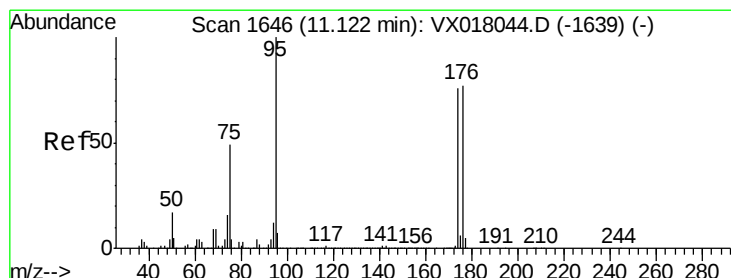
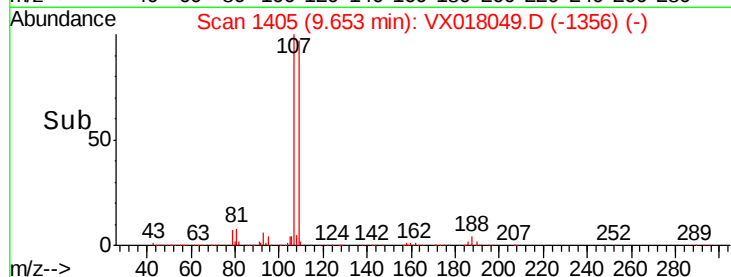
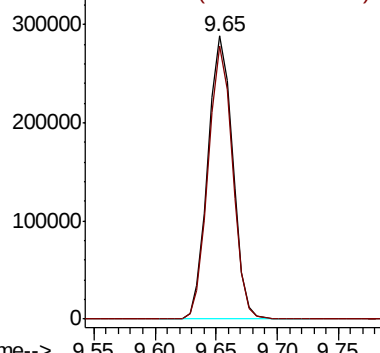
Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.740 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

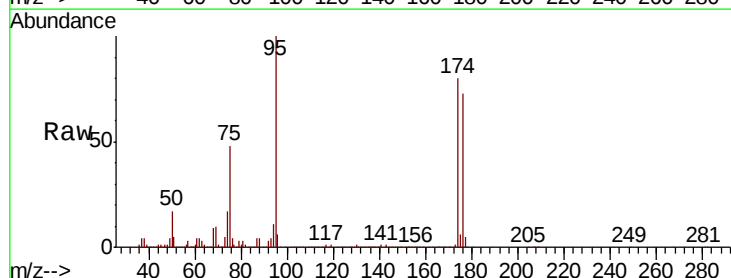
Tgt Ion: 95 Resp: 487260

Ion Ratio Lower Upper

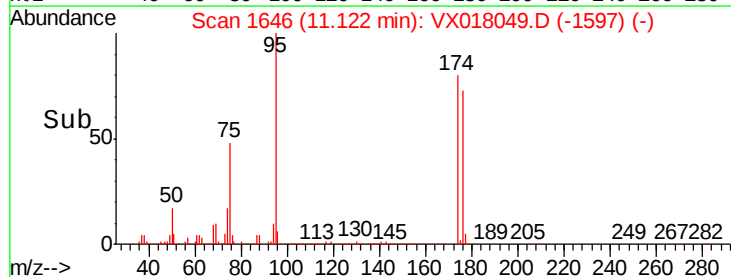
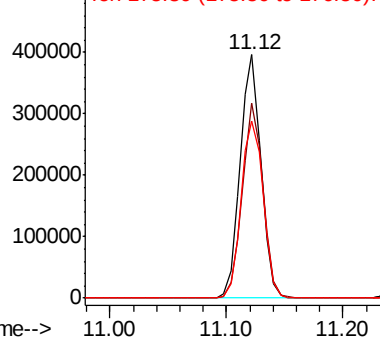
95 100

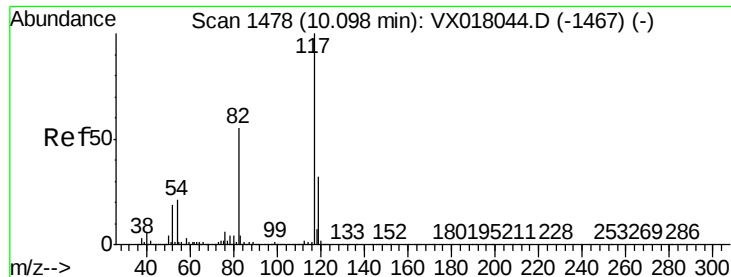
174 79.2 0.0 160.2

176 77.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

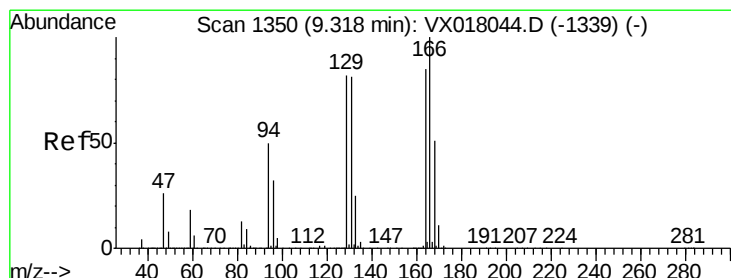
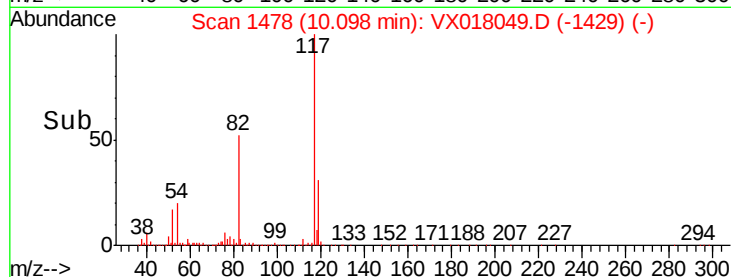
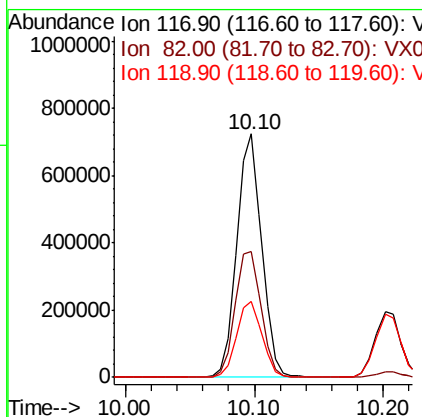
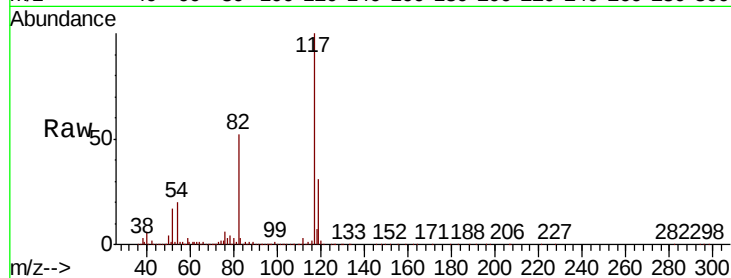




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

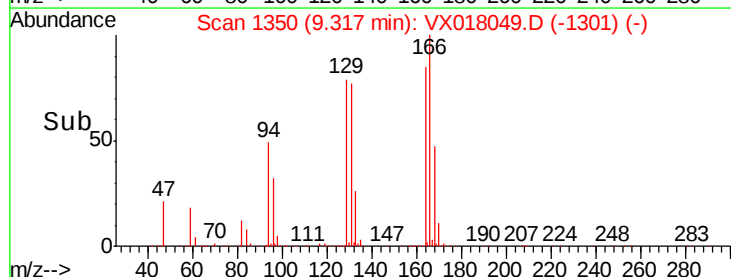
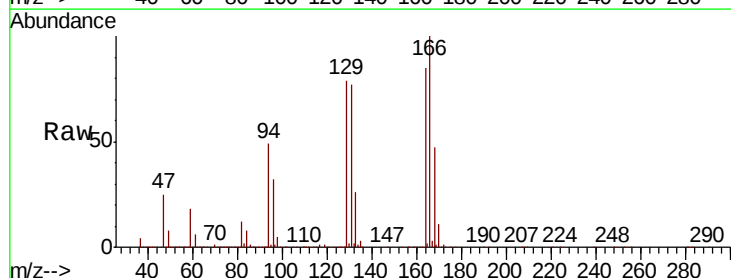
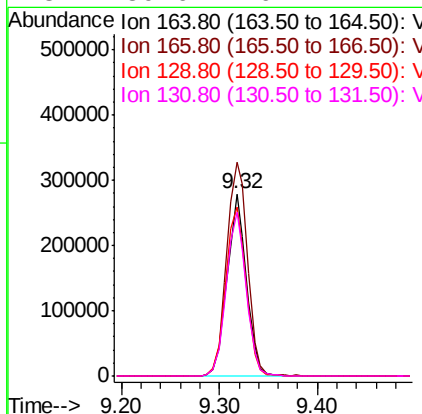
Instrument :
MSVOA_X
ClientSampleId :

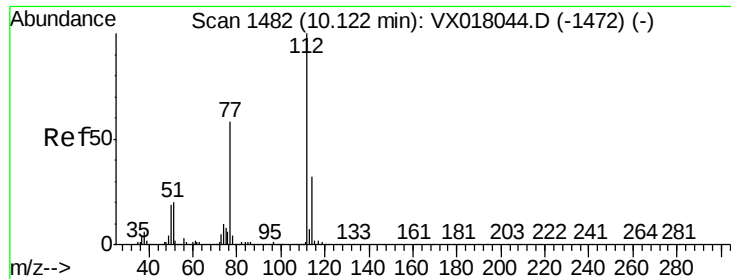
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.2	66.2
119	31.4	25.7	38.5



#64
Tetrachloroethene
Concen: 53.425 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.1	94.2	141.2
129	92.8	76.9	115.3
131	89.6	76.1	114.1





#65

Chlorobenzene

Concen: 53.521 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

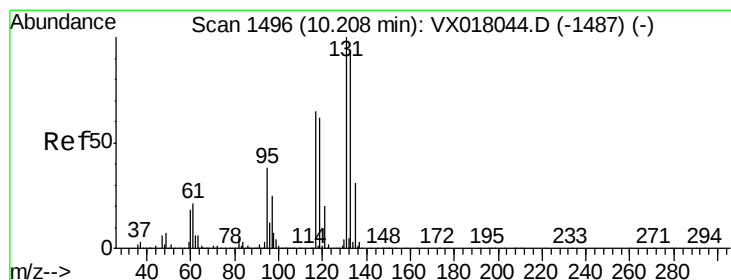
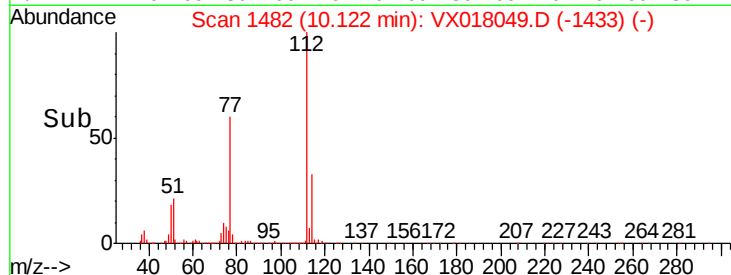
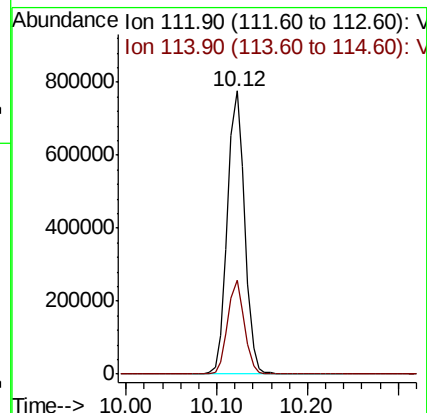
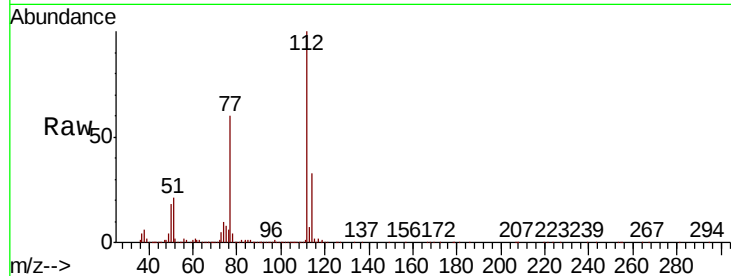
ClientSampled :

Tot Ion:112 Resp: 1036052

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.637 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

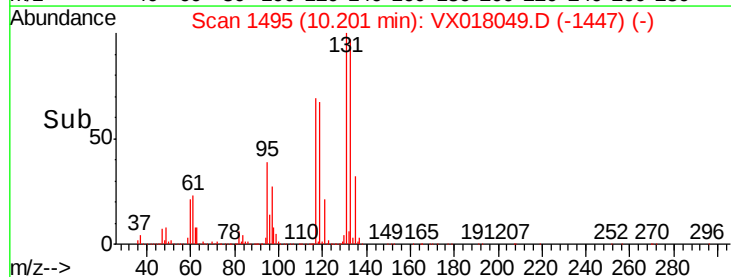
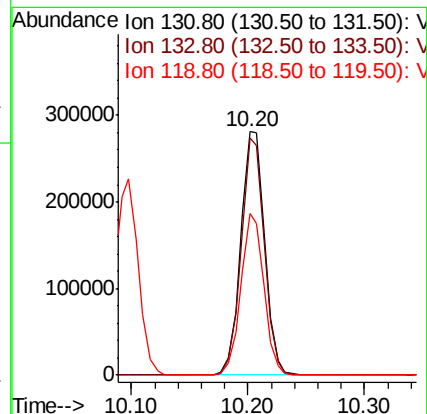
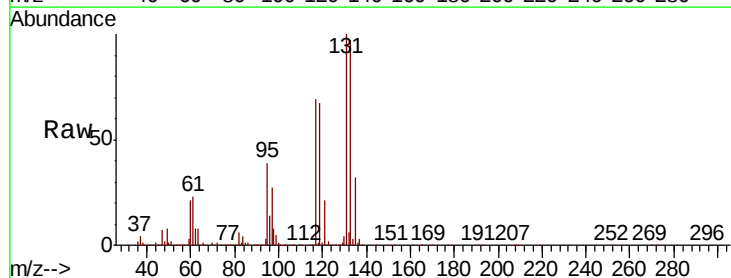
Tgt Ion:131 Resp: 401605

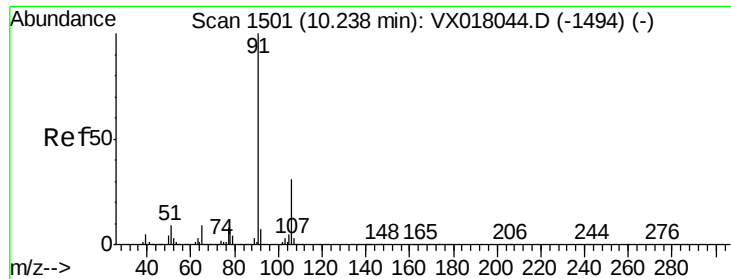
Ion Ratio Lower Upper

131 100

133 94.4 46.7 140.1

119 64.1 31.8 95.4

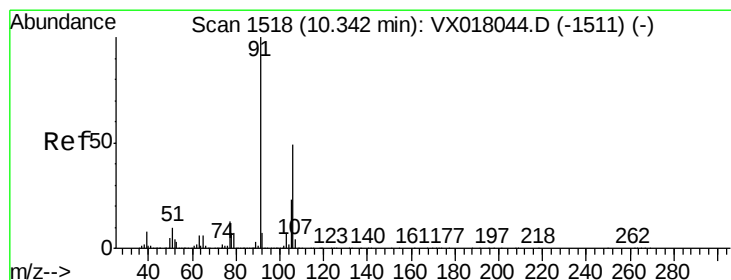
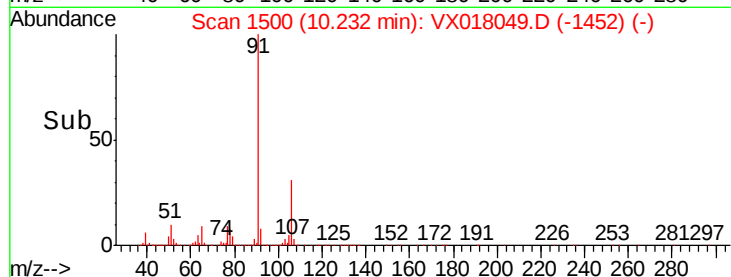
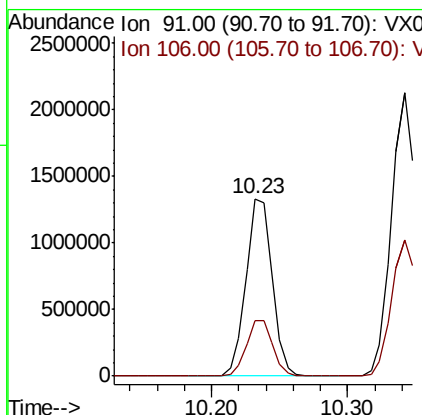
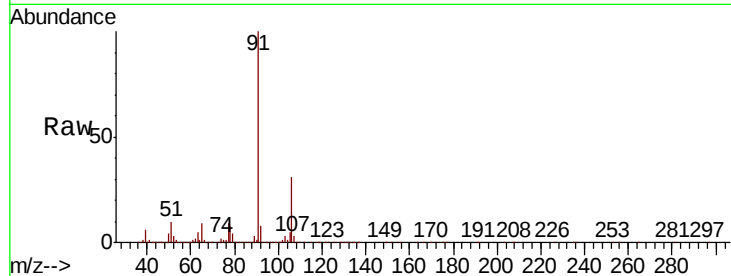




#67
Ethyl Benzene
Concen: 54.874 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

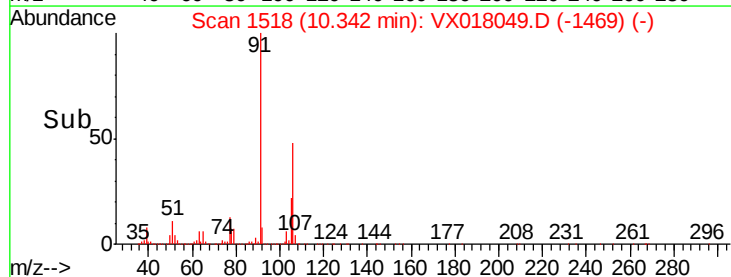
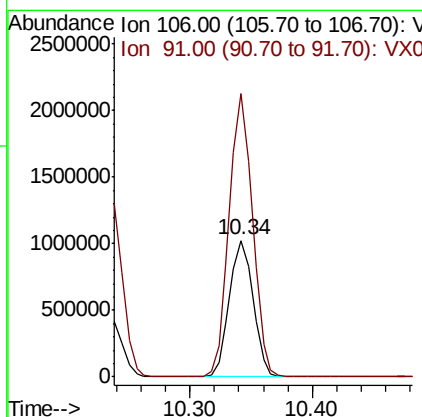
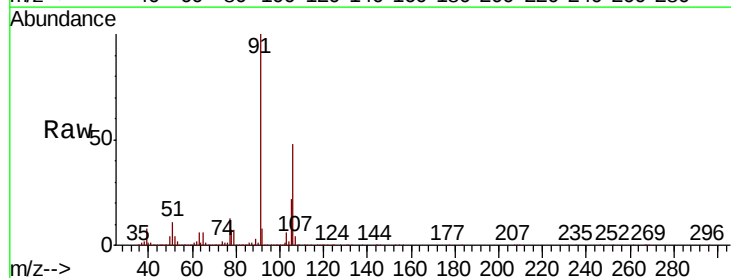
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 1806449
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 112.668 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 106 Resp: 1384394
Ion Ratio Lower Upper
106 100
91 203.5 162.2 243.2

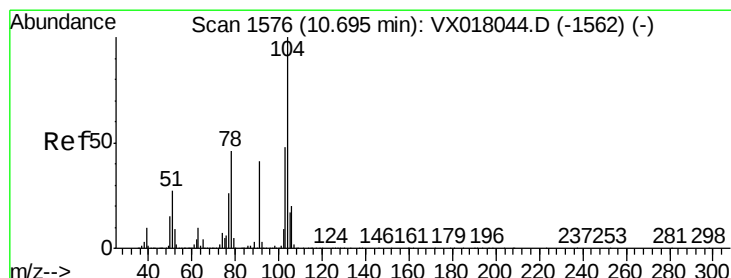
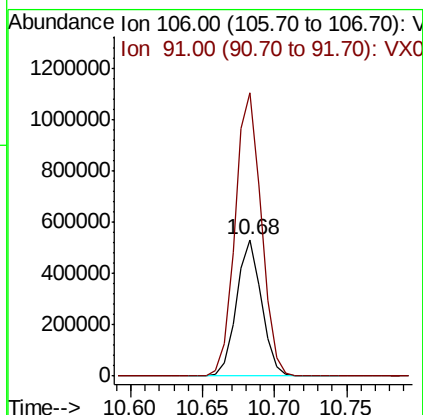
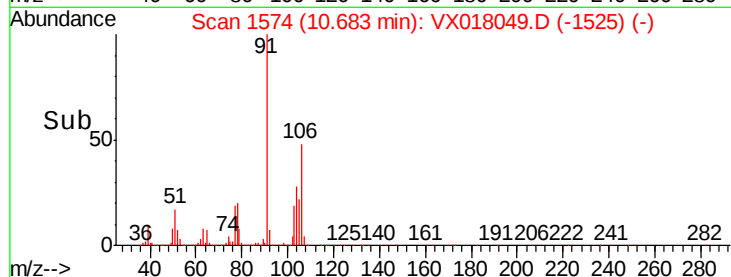
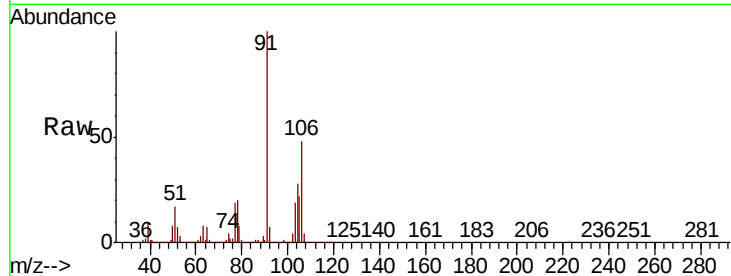




#69
o-Xylene
Concen: 54.451 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

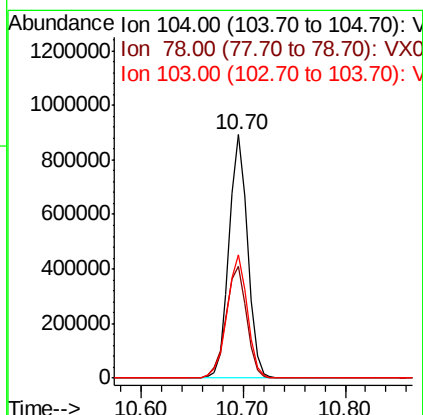
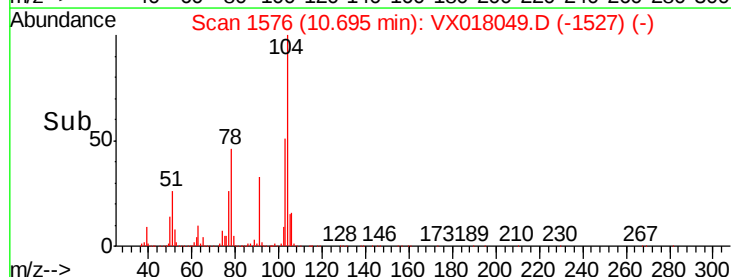
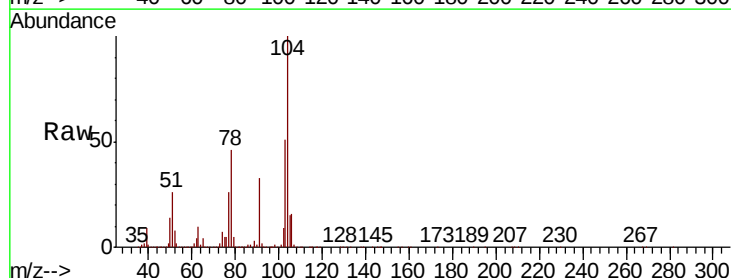
Instrument :
MSVOA_X
ClientSampleId :

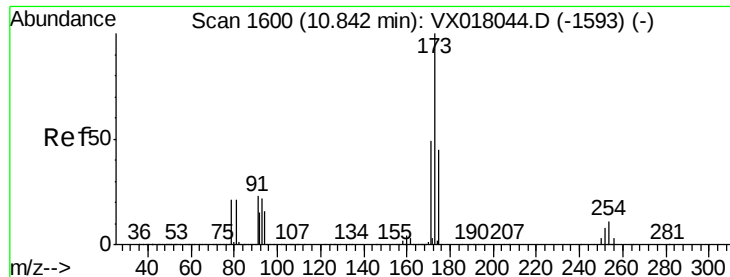
Tot Ion:106 Resp: 648577
Ion Ratio Lower Upper
106 100
91 216.1 107.1 321.3



#70
Styrene
Concen: 55.155 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion:104 Resp: 1118793
Ion Ratio Lower Upper
104 100
78 51.5 40.9 61.3
103 55.1 43.6 65.4

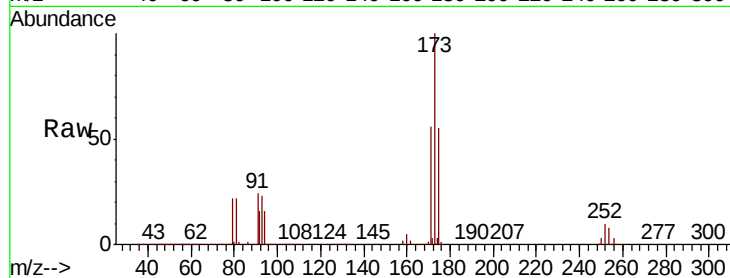




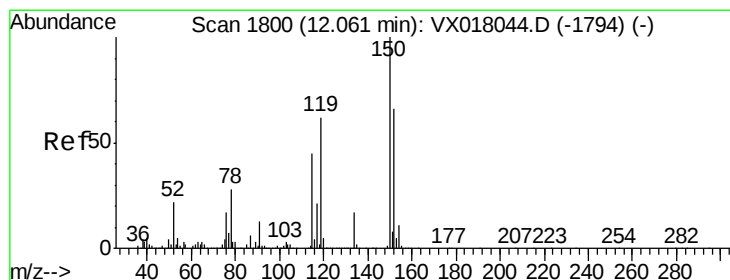
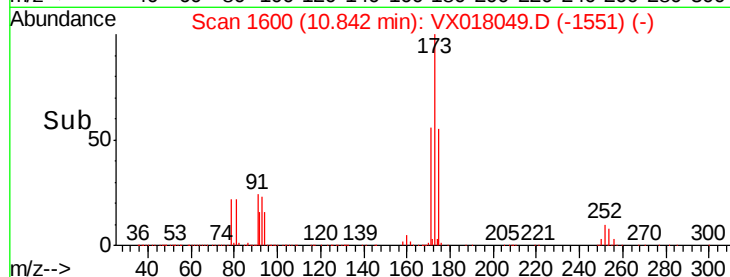
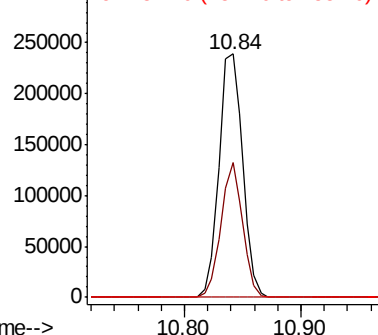
#71
Bromoform
Concen: 52.321 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 340497
Ion Ratio Lower Upper
173 100
175 50.4 23.9 71.8
254 0.2 0.2 0.2

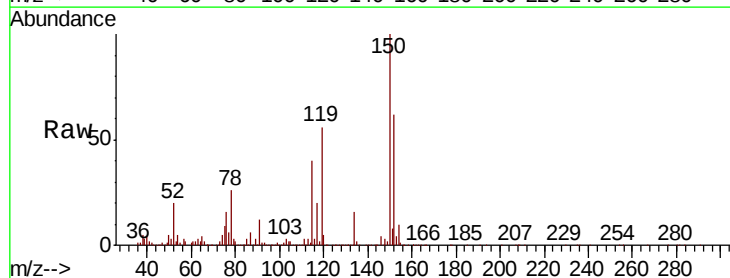


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

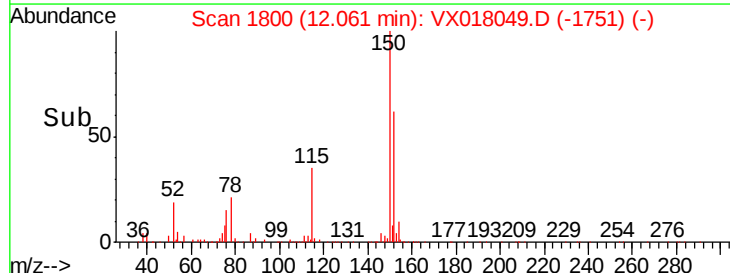
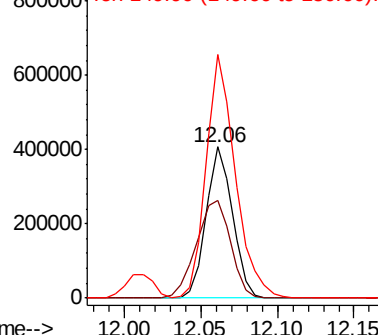


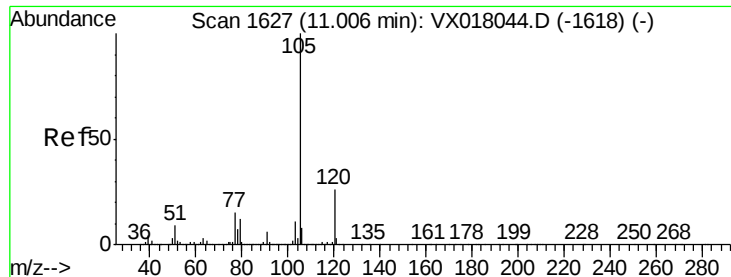
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion:152 Resp: 484383
Ion Ratio Lower Upper
152 100
115 83.6 41.5 124.5
150 178.5 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.791 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

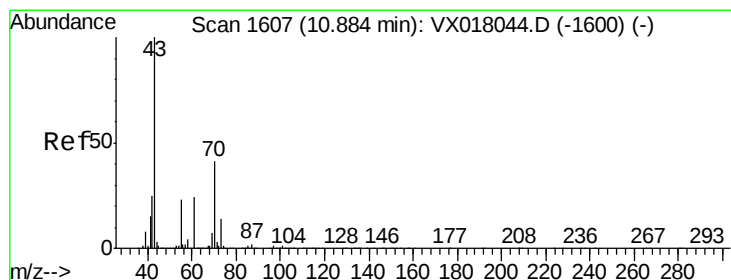
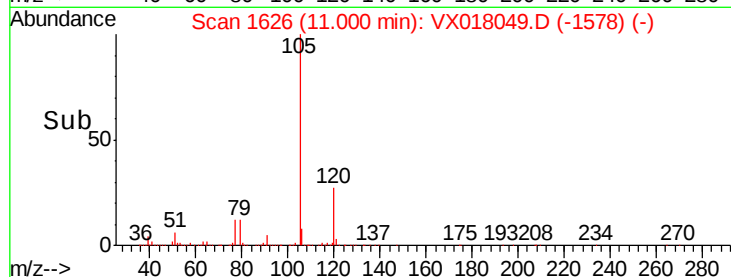
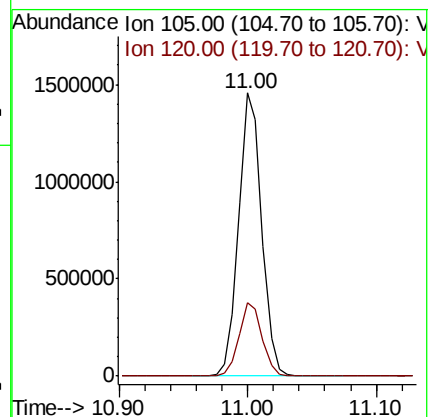
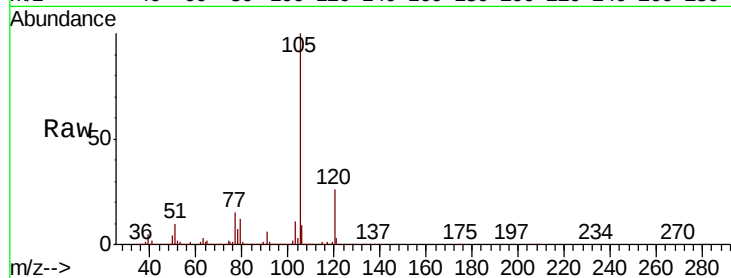
ClientSampleId :

Tot Ion:105 Resp: 1814490

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 54.566 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion: 43 Resp: 827189

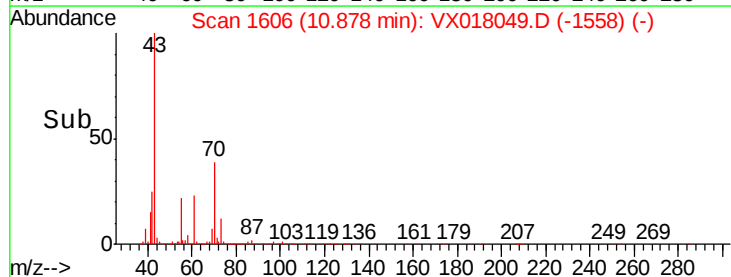
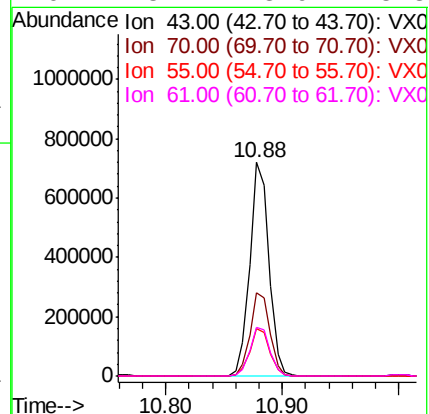
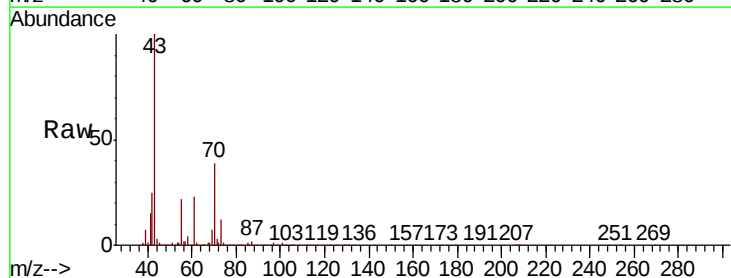
Ion Ratio Lower Upper

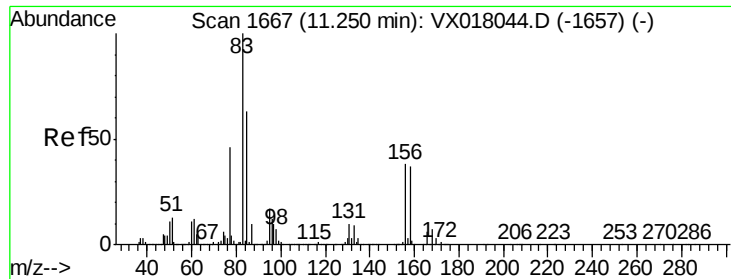
43 100

70 40.1 32.3 48.5

55 23.0 18.2 27.2

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.961 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

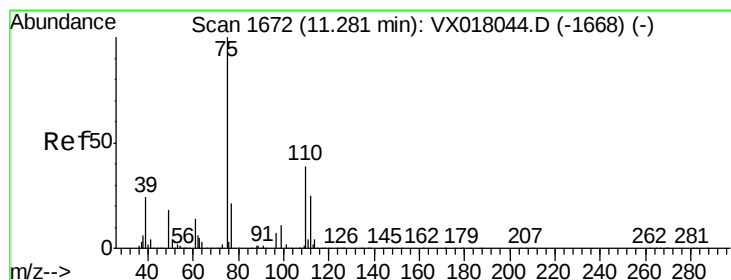
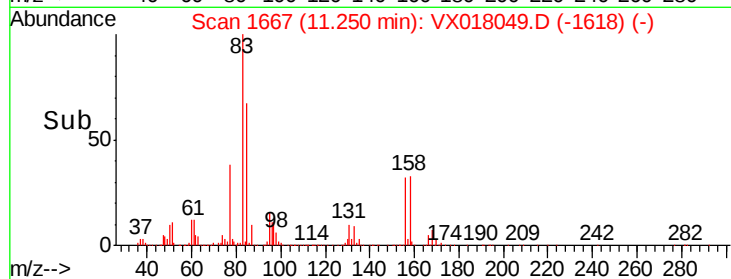
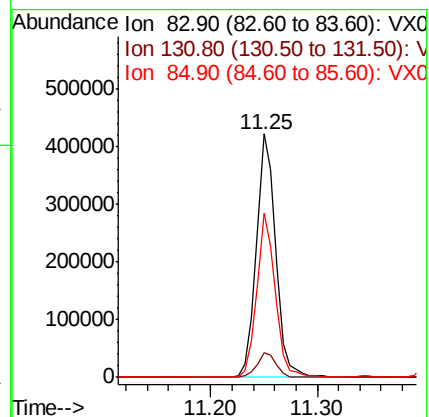
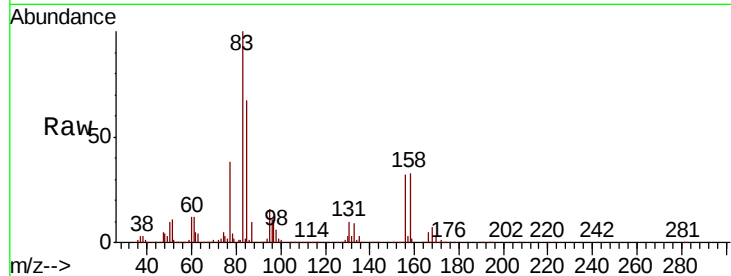
Tot Ion: 83 Resp: 540570

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 65.369 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018049.D

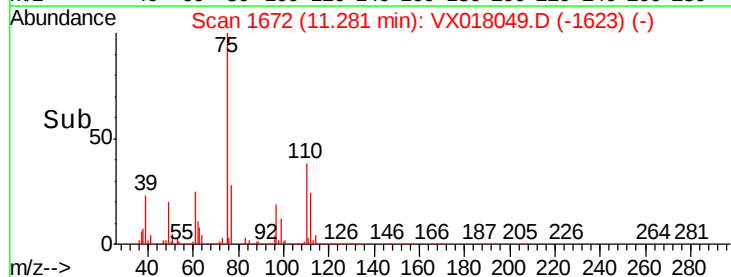
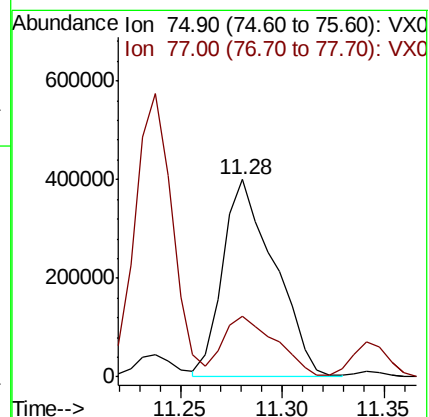
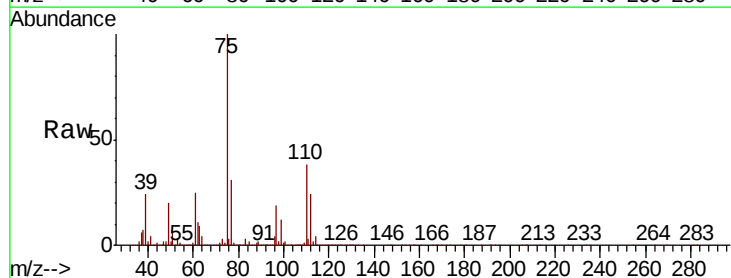
Acq: 21 Aug 2020 10:30

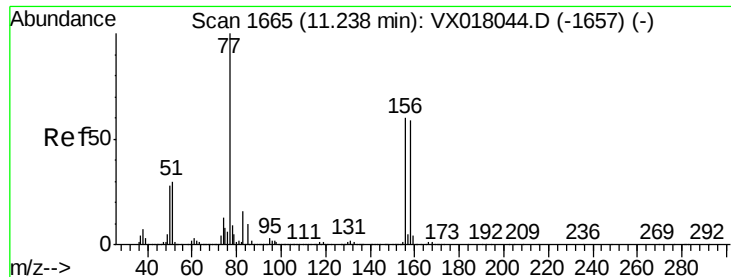
Tgt Ion: 75 Resp: 704368

Ion Ratio Lower Upper

75 100

77 31.4 20.8 62.2





#77

Bromobenzene

Concen: 51.944 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

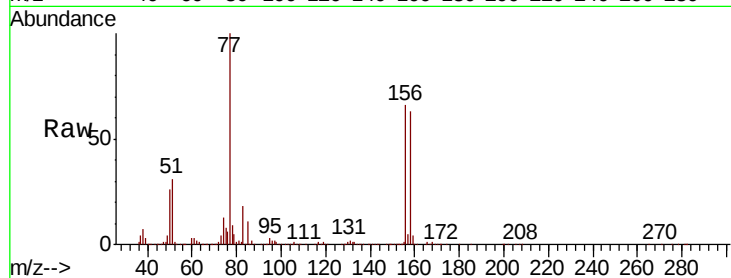
Tot Ion:156 Resp: 458755

Ion Ratio Lower Upper

156 100

77 159.0 80.0 240.2

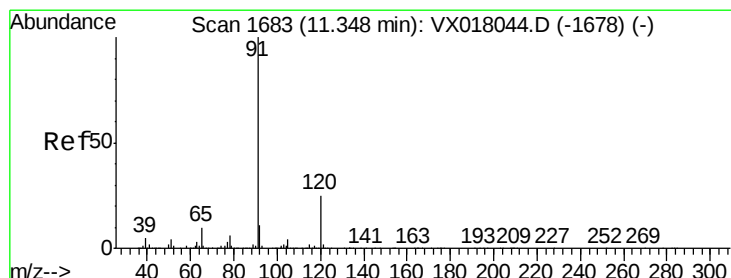
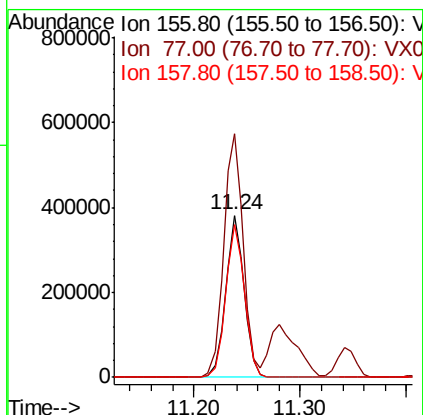
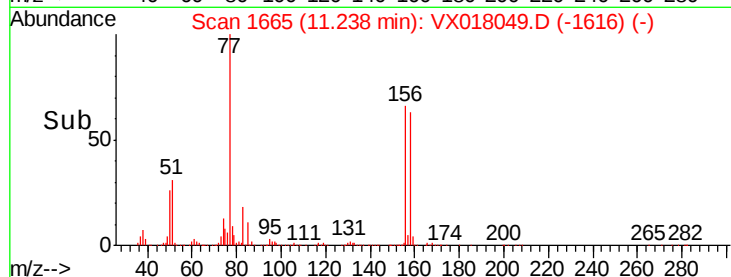
158 97.1 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.656 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018049.D

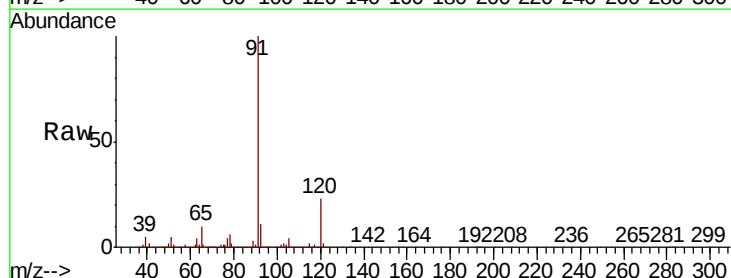
Acq: 21 Aug 2020 10:30

Tgt Ion: 91 Resp: 2091652

Ion Ratio Lower Upper

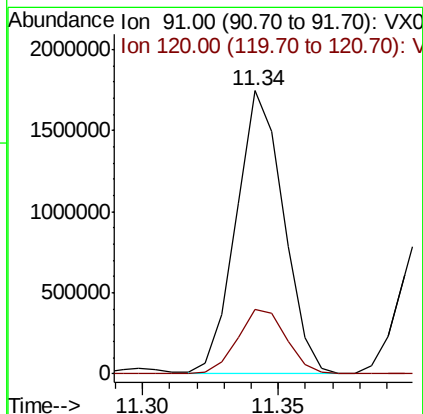
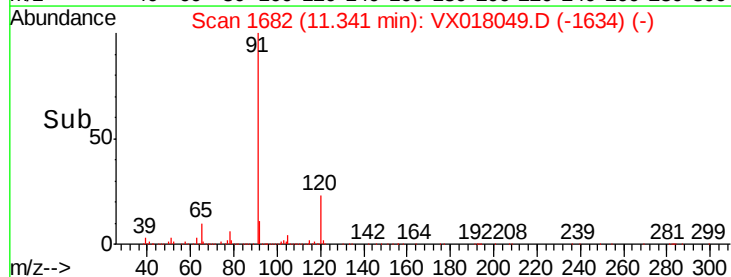
91 100

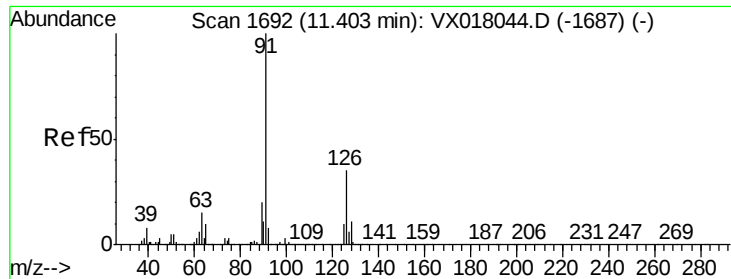
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.470 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

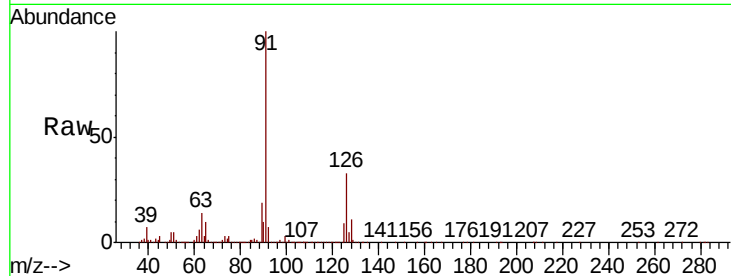
ClientSampleId :

Tot Ion: 91 Resp: 1220862

Ion Ratio Lower Upper

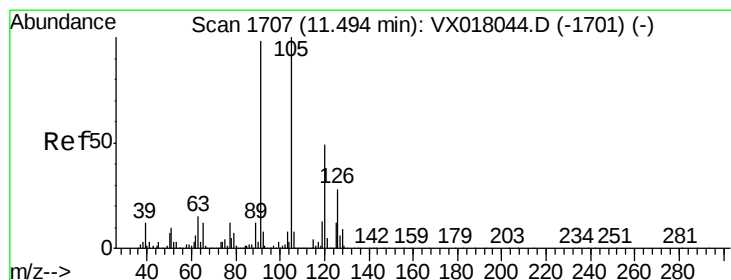
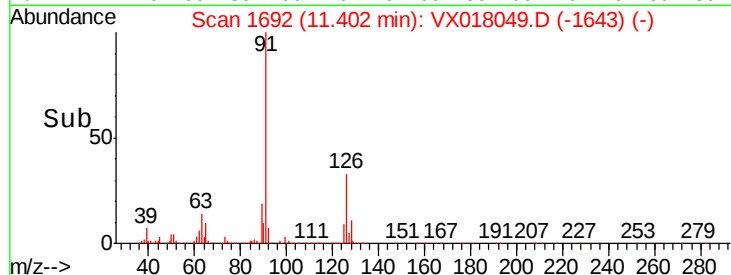
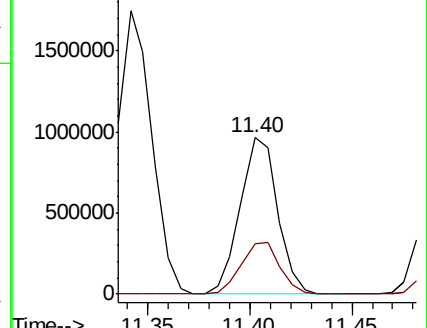
91 100

126 34.4 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018049.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018049.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.132 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018049.D

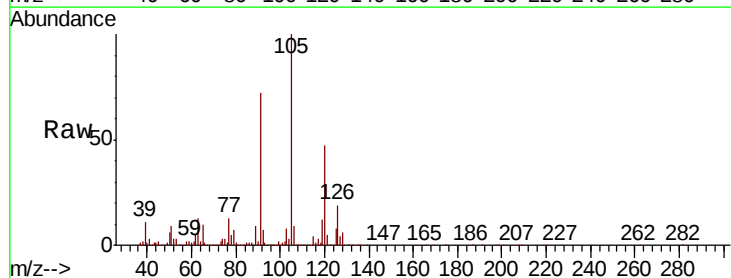
Acq: 21 Aug 2020 10:30

Tgt Ion:105 Resp: 1473777

Ion Ratio Lower Upper

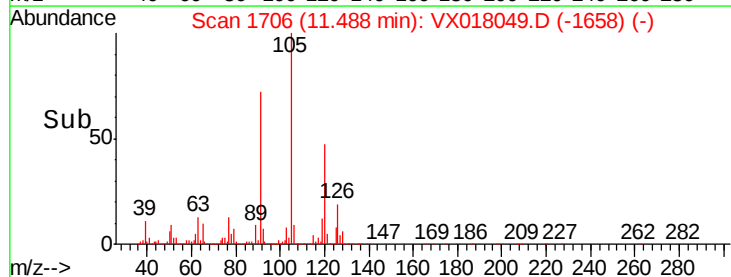
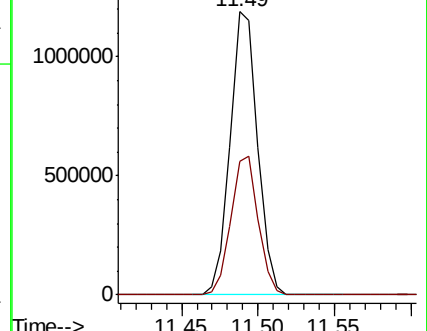
105 100

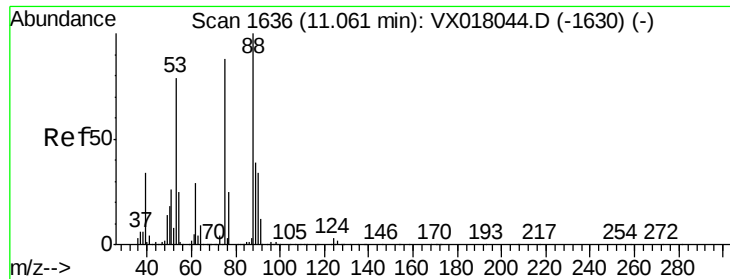
120 48.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018049.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX018049.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.002 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

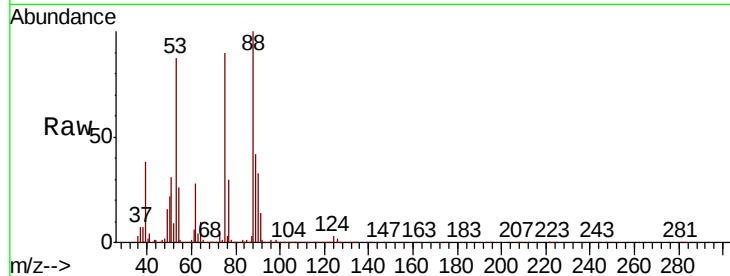
Tot Ion: 75 Resp: 211458

Ion Ratio Lower Upper

75 100

53 94.4 74.7 112.1

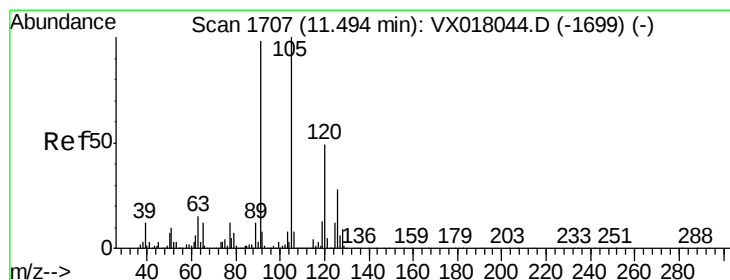
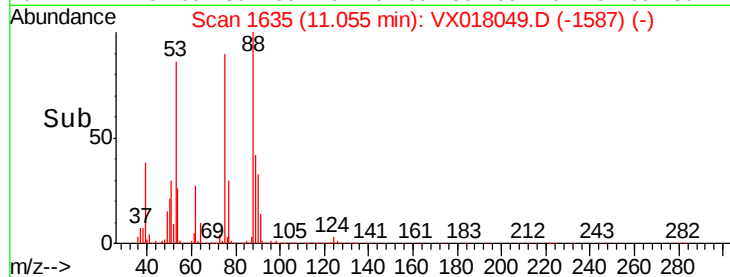
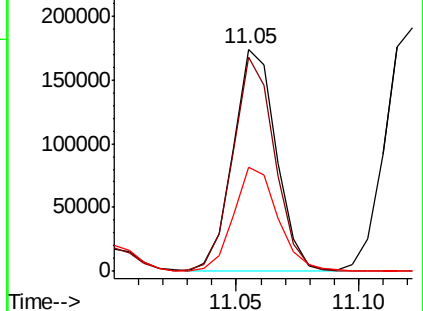
89 48.6 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.207 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018049.D

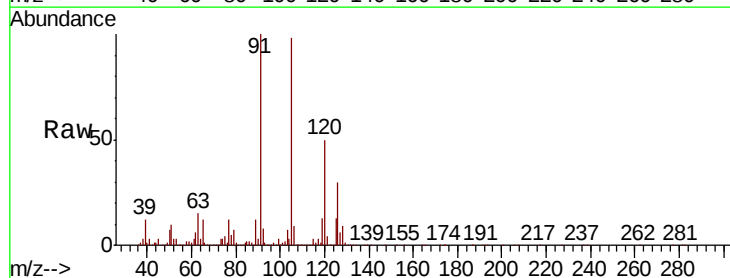
Acq: 21 Aug 2020 10:30

Tgt Ion: 91 Resp: 1417704

Ion Ratio Lower Upper

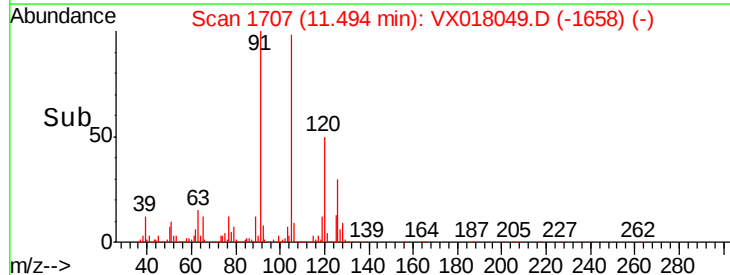
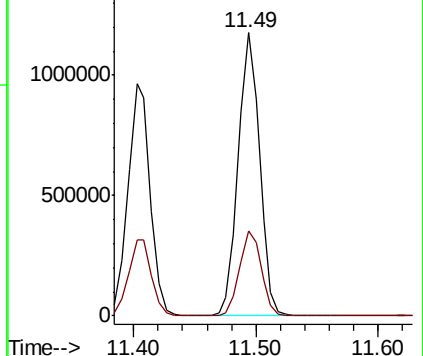
91 100

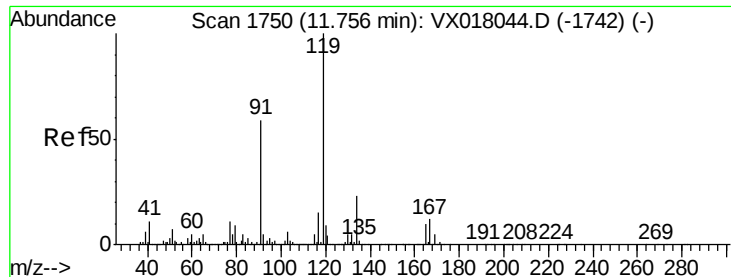
126 30.5 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.854 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampled :

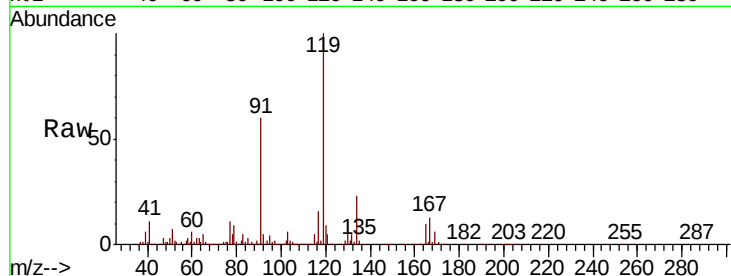
Tot Ion:119 Resp: 1421302

Ion Ratio Lower Upper

119 100

91 58.2 28.2 84.7

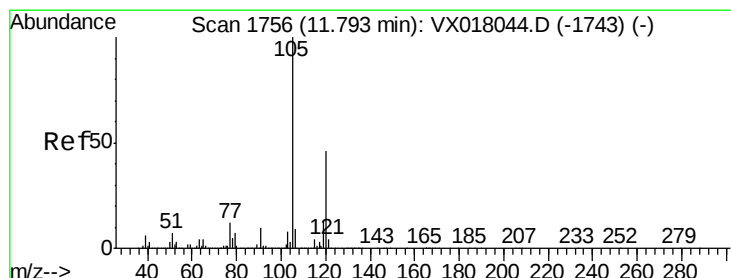
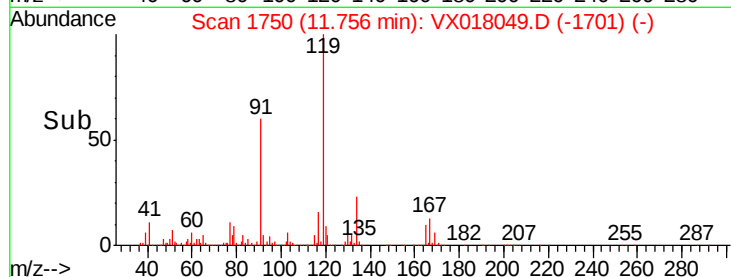
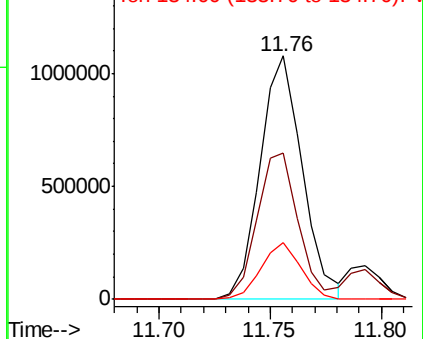
134 21.9 11.3 33.8



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



#84

1,2,4-Trimethylbenzene

Concen: 55.863 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018049.D

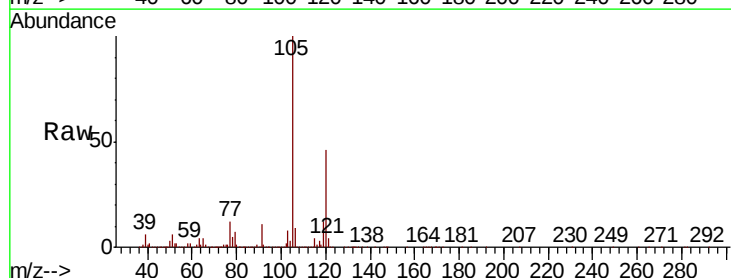
Acq: 21 Aug 2020 10:30

Tgt Ion:105 Resp: 1499535

Ion Ratio Lower Upper

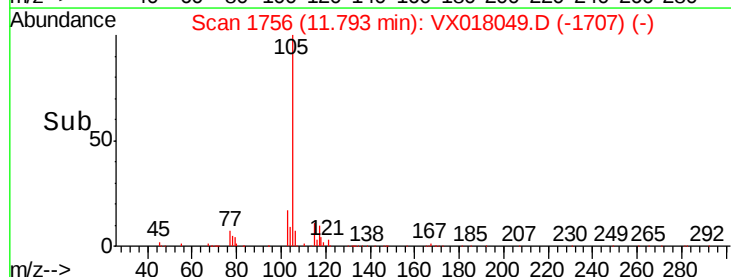
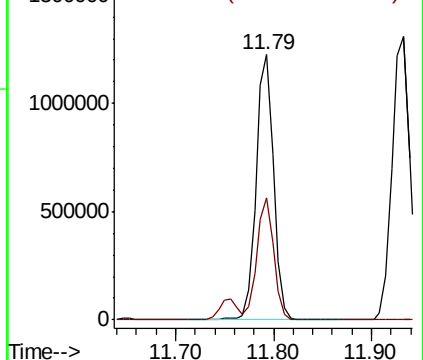
105 100

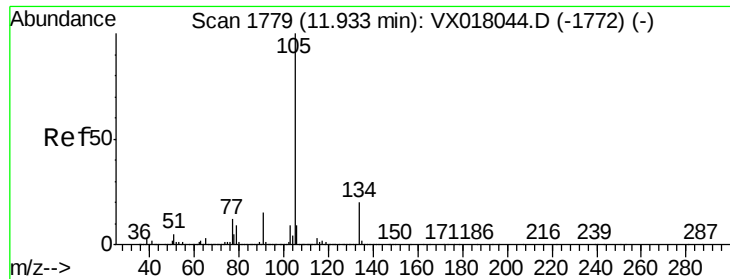
120 44.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.806 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

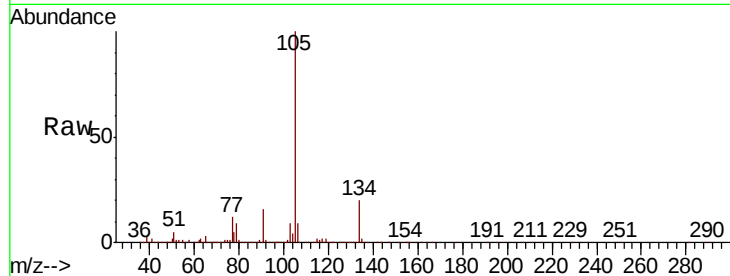
ClientSampleId :

Tot Ion:105 Resp: 1644352

Ion Ratio Lower Upper

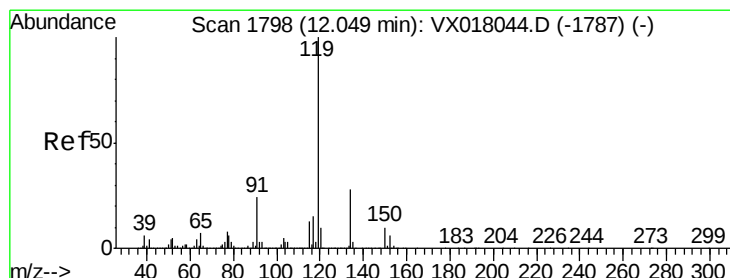
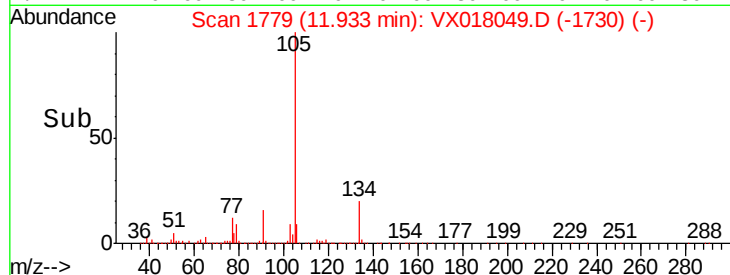
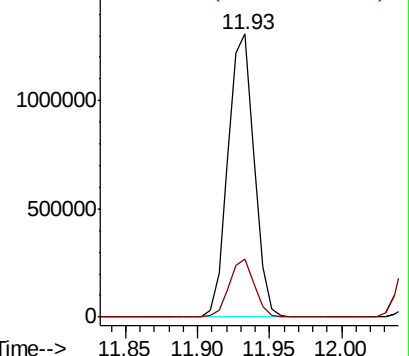
105 100

134 19.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.490 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

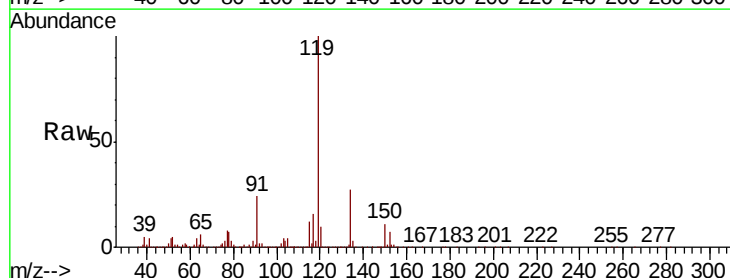
Tgt Ion:119 Resp: 1556009

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

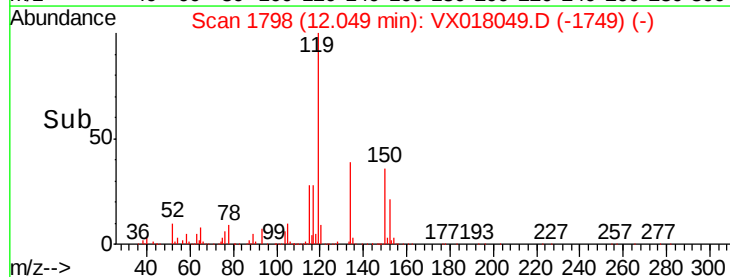
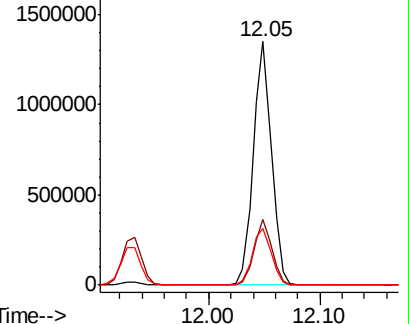
91 24.4 11.8 35.4

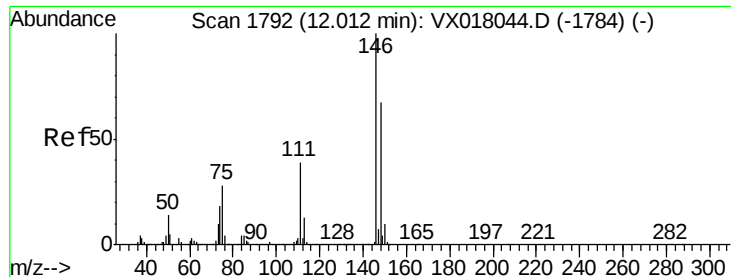


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

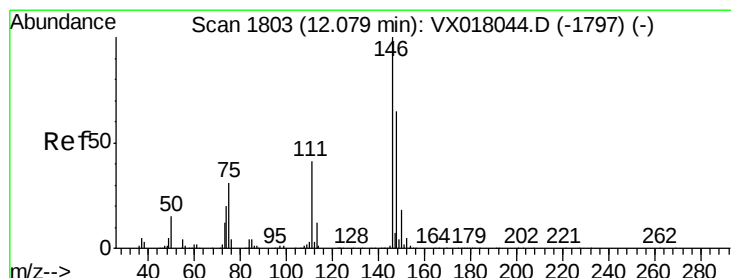
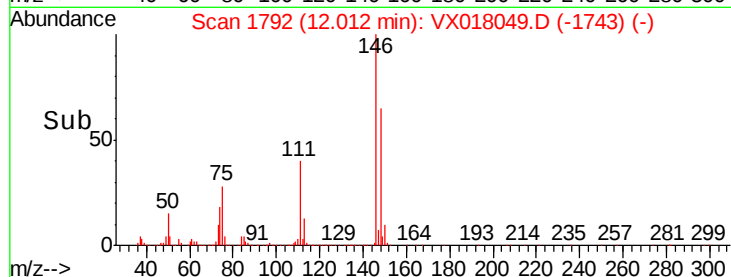
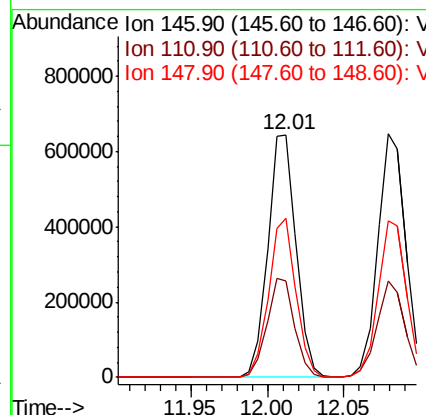
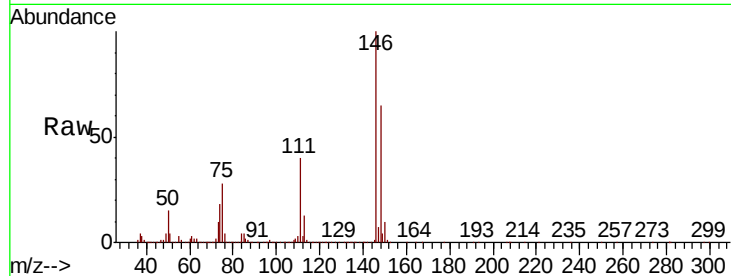




#87
 1,3-Dichlorobenzene
 Concen: 53.554 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

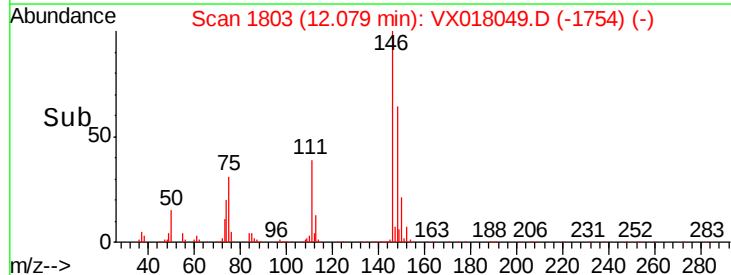
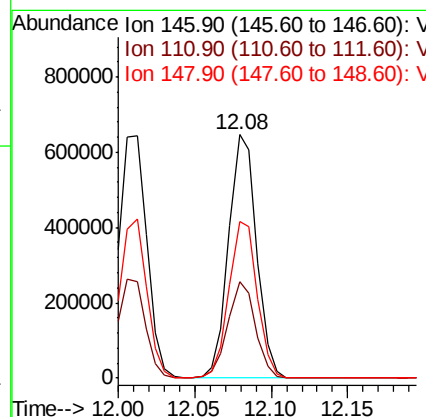
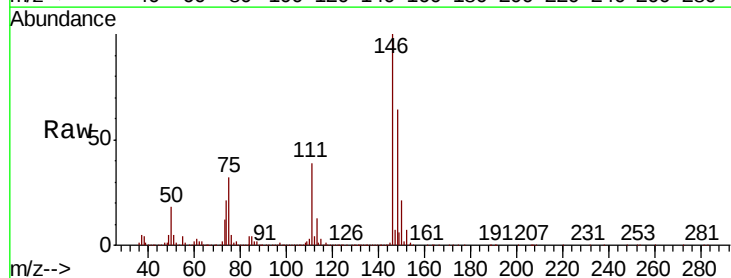
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.8
148	63.3	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 52.694 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.3	60.8
148	65.1	33.1	99.2

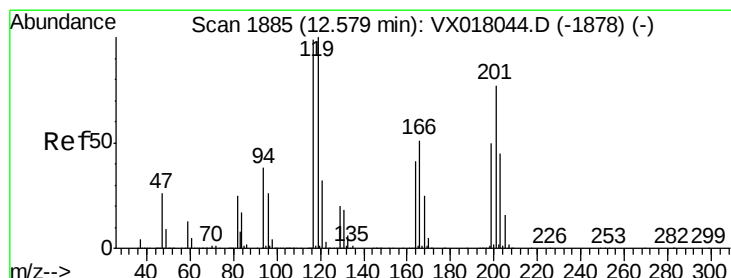
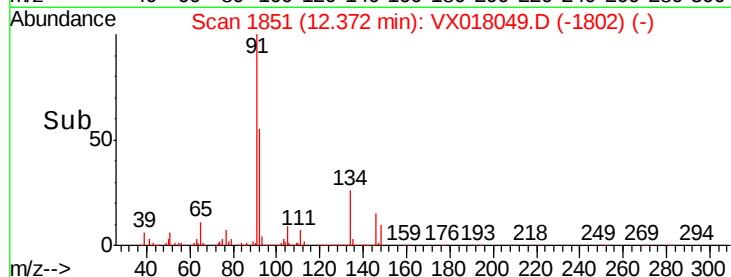
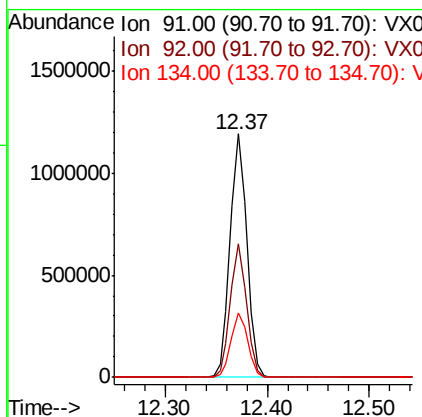
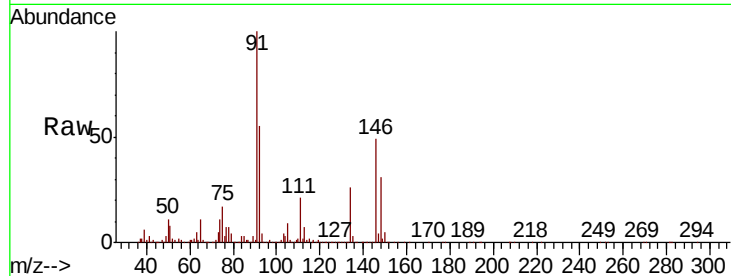




#89
n-Butylbenzene
Concen: 54.486 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

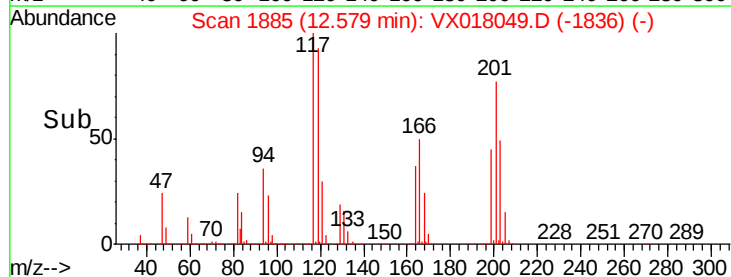
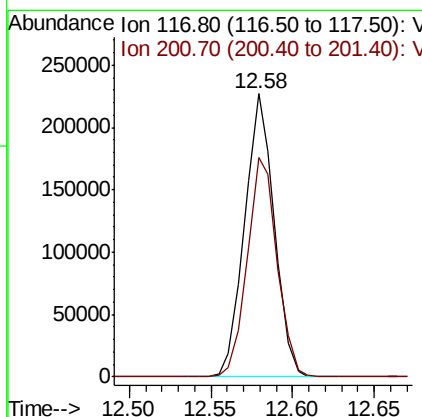
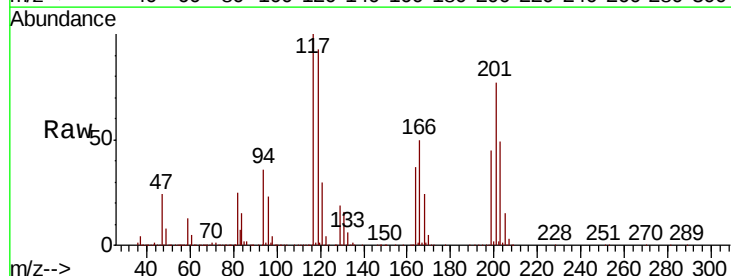
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 1345998
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.2
134 26.5 12.9 38.7



#90
Hexachloroethane
Concen: 53.922 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 117 Resp: 287141
Ion Ratio Lower Upper
117 100
201 78.3 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 52.493 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

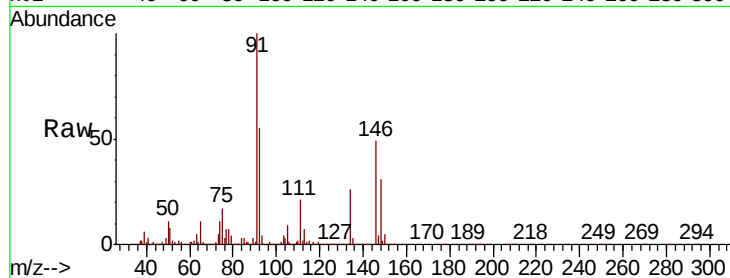
Tot Ion:146 Resp: 766191

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

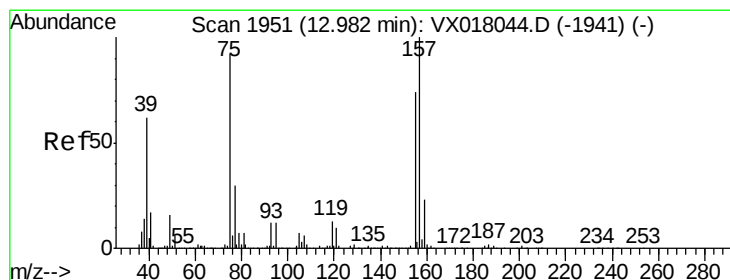
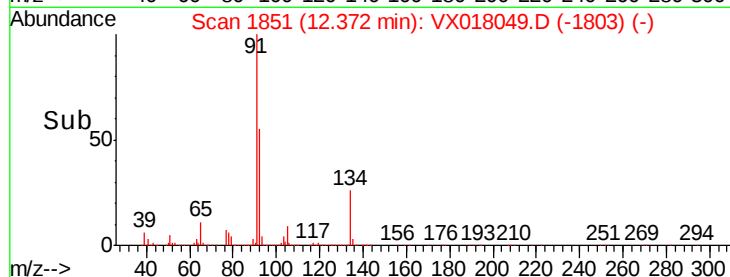
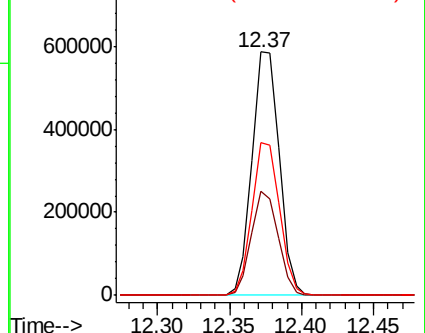
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.980 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

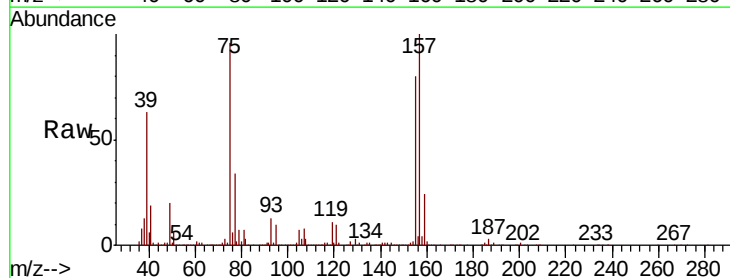
Tgt Ion: 75 Resp: 129581

Ion Ratio Lower Upper

75 100

155 83.0 40.2 120.6

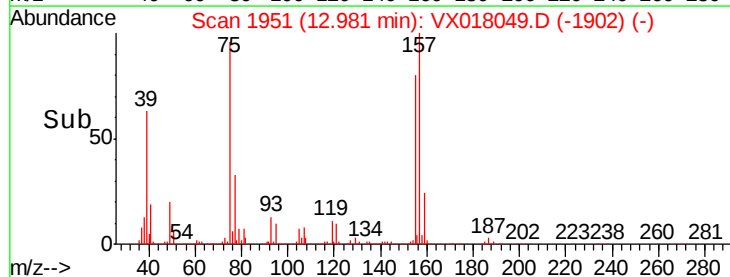
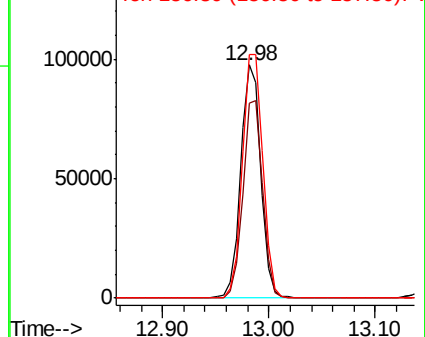
157 106.1 55.0 165.2

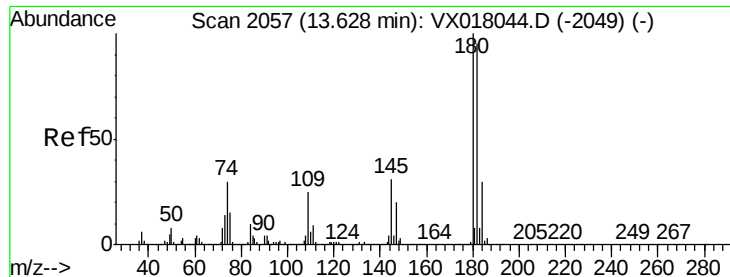


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

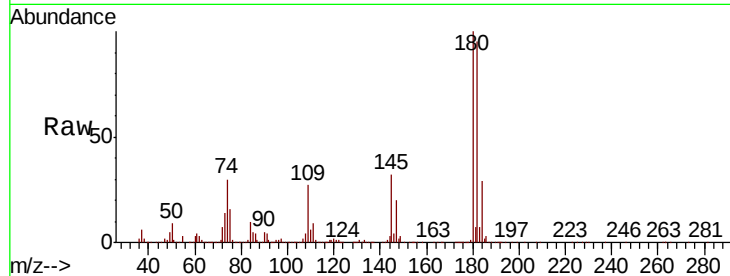




#93
 1,2,4-Trichlorobenzene
 Concen: 54.601 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	31.2	15.7	47.1

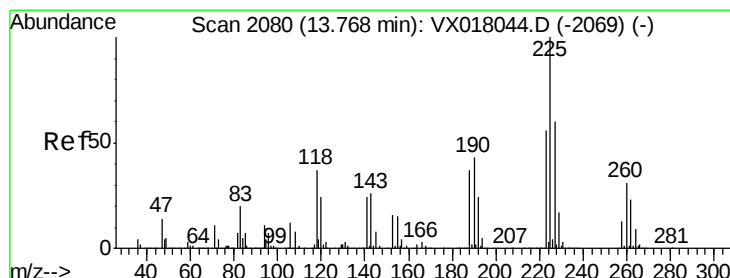
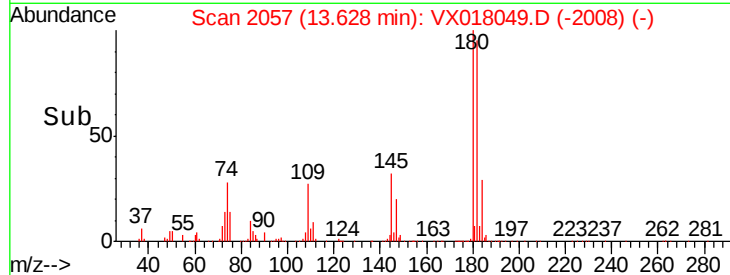
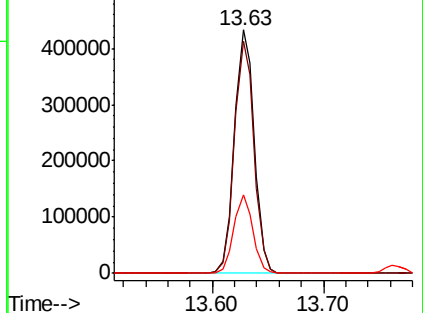


Abundance

Ion 179.80 (179.50 to 180.50): V

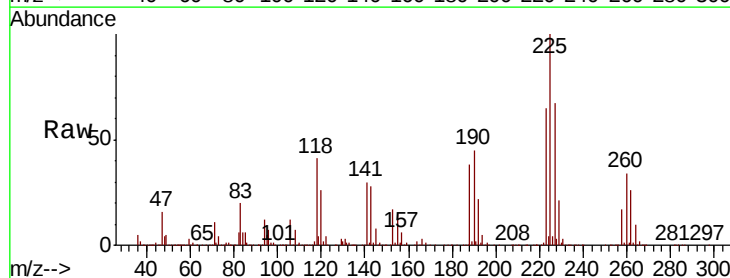
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.220 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.7	92.1
227	60.7	32.6	97.8

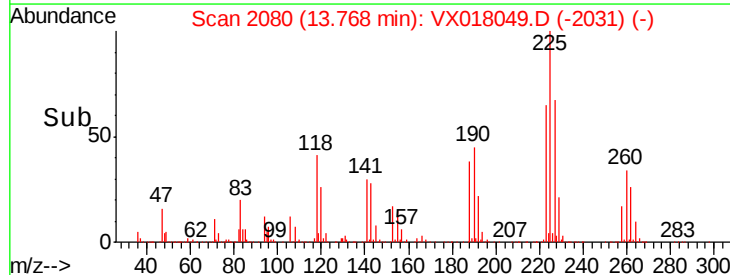
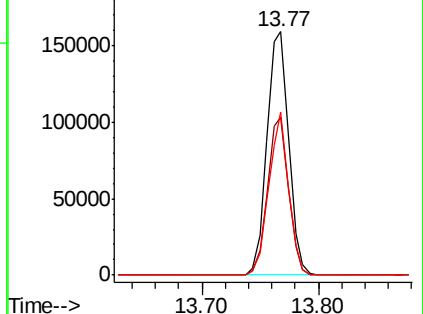


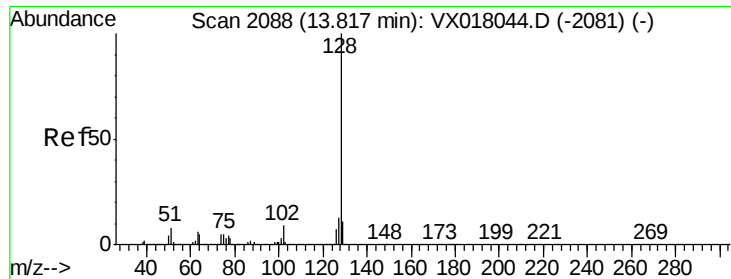
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.902 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

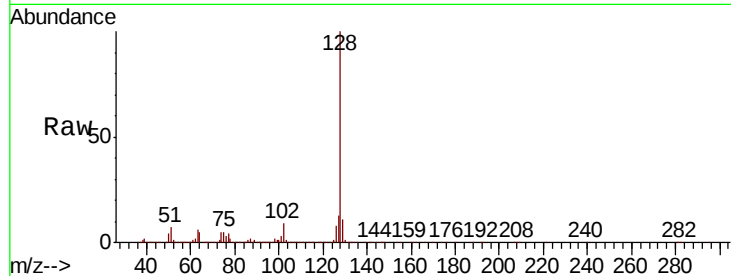
Tot Ion:128 Resp: 1726599

Ion Ratio Lower Upper

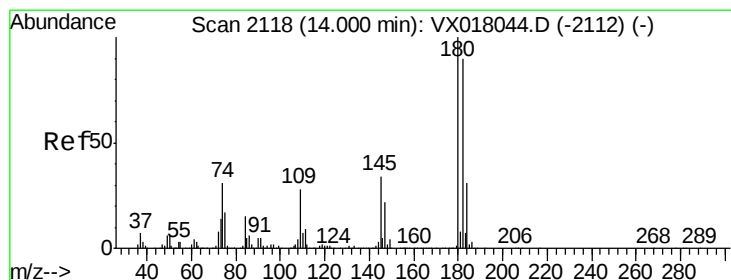
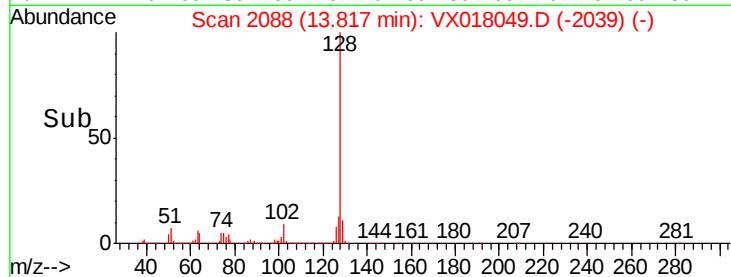
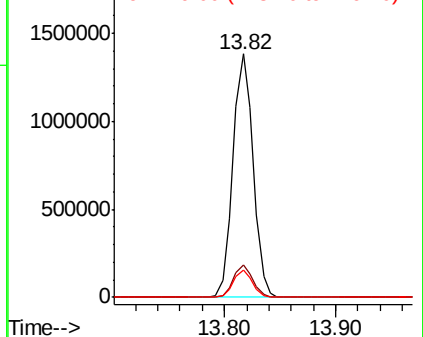
128 100

127 13.1 10.2 15.2

129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 54.609 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

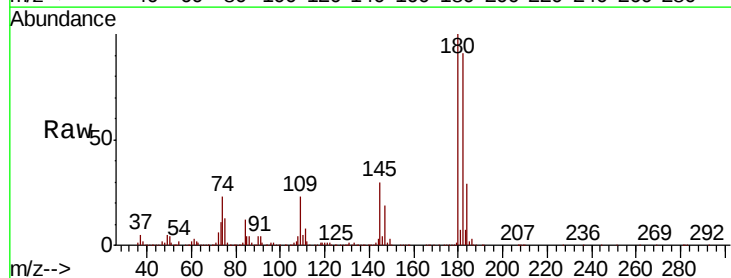
Tgt Ion:180 Resp: 525188

Ion Ratio Lower Upper

180 100

182 94.0 47.3 142.0

145 31.5 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

