

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018000.D
 Acq On : 19 Aug 2020 22:32
 Operator : JC/SP
 Sample : VX0819WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Quant Time: Aug 20 04:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	440086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	669878	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	648678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	320603	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.47	113	228394	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.70	98	796288	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	11.12	95	321315	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107721	16.867	ug/l	96
3) Chloromethane	1.31	50	100394	16.681	ug/l	100
4) Vinyl Chloride	1.39	62	108541	18.891	ug/l	99
5) Bromomethane	1.63	94	72655	21.572	ug/l	99
6) Chloroethane	1.71	64	61623	18.671	ug/l	94
7) Trichlorofluoromethane	1.92	101	167926	18.222	ug/l	99
8) Diethyl Ether	2.17	74	47597	17.721	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74041	17.082	ug/l	99
10) Methyl Iodide	2.49	142	71975	12.877	ug/l	98
11) Tert butyl alcohol	3.02	59	96797	77.712	ug/l	99
12) 1,1-Dichloroethene	2.35	96	70535	17.782	ug/l	97
13) Acrolein	2.28	56	54683	83.108	ug/l	98
14) Allyl chloride	2.71	41	118673	16.774	ug/l	97
15) Acrylonitrile	3.12	53	221628	81.475	ug/l	99
16) Acetone	2.42	43	214469	84.502	ug/l	99
17) Carbon Disulfide	2.55	76	163838	17.023	ug/l	99
18) Methyl Acetate	2.75	43	106932	16.744	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	270763	17.854	ug/l	100
20) Methylene Chloride	2.84	84	77613	16.598	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	68002	16.675	ug/l	93
22) Diisopropyl ether	3.83	45	291848	19.679	ug/l	99
23) Vinyl Acetate	3.79	43	1049148	92.571	ug/l	99
24) 1,1-Dichloroethane	3.67	63	153085	18.620	ug/l	97
25) 2-Butanone	4.64	43	312345	81.290	ug/l	96
26) 2,2-Dichloropropane	4.56	77	109672	14.649	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	87364	18.161	ug/l	92
28) Bromochloromethane	4.98	49	74344	17.498	ug/l	100
29) Tetrahydrofuran	5.10	42	200157	83.876	ug/l	100
30) Chloroform	5.18	83	156700	17.438	ug/l	95
31) Cyclohexane	5.56	56	117706	17.656	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	143136	17.559	ug/l	98
36) 1,1-Dichloropropene	5.77	75	103968	18.543	ug/l	99
37) Ethyl Acetate	4.80	43	109264	16.287	ug/l	99
38) Carbon Tetrachloride	5.76	117	134993	18.603	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	119871	17.234	ug/l	92
40) Benzene	6.12	78	331595	19.636	ug/l	100
41) Methacrylonitrile	5.01	41	67841	17.643	ug/l	99
42) 1,2-Dichloroethane	6.17	62	141533	19.730	ug/l	100
43) Isopropyl Acetate	6.42	43	206808	19.097	ug/l	98
44) Trichloroethene	7.20	130	88719	17.715	ug/l	98
45) 1,2-Dichloropropane	7.49	63	86441	17.865	ug/l	99
46) Dibromomethane	7.63	93	58806	17.414	ug/l	97
47) Bromodichloromethane	7.88	83	130035	17.738	ug/l	97
48) Methyl methacrylate	7.75	41	90133	16.789	ug/l	96
49) 1,4-Dioxane	7.71	88	32373	294.539	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	643168	88.208	ug/l	99
52) Toluene	8.77	92	192176	17.394	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	131176	16.918	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	139811	17.294	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	89912	17.714	ug/l	95
56) Ethyl methacrylate	9.16	69	126321	17.602	ug/l	98
57) 1,3-Dichloropropane	9.35	76	143478	17.799	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	282785	81.371	ug/l	99
59) 2-Hexanone	9.48	43	468926	84.873	ug/l	100
60) Dibromochloromethane	9.57	129	113099	17.841	ug/l	99
61) 1,2-Dibromoethane	9.65	107	93678	16.662	ug/l	100
64) Tetrachloroethene	9.32	164	88603	17.886	ug/l	94
65) Chlorobenzene	10.12	112	229789	17.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	100183	18.393	ug/l	96
67) Ethyl Benzene	10.24	91	383113	18.049	ug/l	99
68) m/p-Xylenes	10.34	106	295615	36.174	ug/l	98
69) o-Xylene	10.68	106	150996	19.161	ug/l	99
70) Styrene	10.69	104	266126	19.575	ug/l	99
71) Bromoform	10.84	173	85999	17.591	ug/l	100
73) Isopropylbenzene	11.00	105	388723	17.774	ug/l	100
74) N-amyl acetate	10.88	43	165191	16.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131246	17.203	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	158829	21.980	ug/l	86
77) Bromobenzene	11.24	156	108993	17.962	ug/l	97
78) n-propylbenzene	11.34	91	437177	17.091	ug/l	100
79) 2-Chlorotoluene	11.40	91	266904	17.121	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	336019	17.503	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	48269	17.549	ug/l	96
82) 4-Chlorotoluene	11.49	91	328380	17.913	ug/l	99
83) tert-Butylbenzene	11.76	119	357247	19.705	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	377616	19.000	ug/l	98
85) sec-Butylbenzene	11.93	105	405622	18.534	ug/l	99
86) p-Isopropyltoluene	12.05	119	365815	17.969	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	197790	17.910	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	200729	18.552	ug/l	99
89) n-Butylbenzene	12.37	91	303015	17.984	ug/l	99
90) Hexachloroethane	12.58	117	72883	18.001	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	189054	18.544	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33662	17.321	ug/l	93

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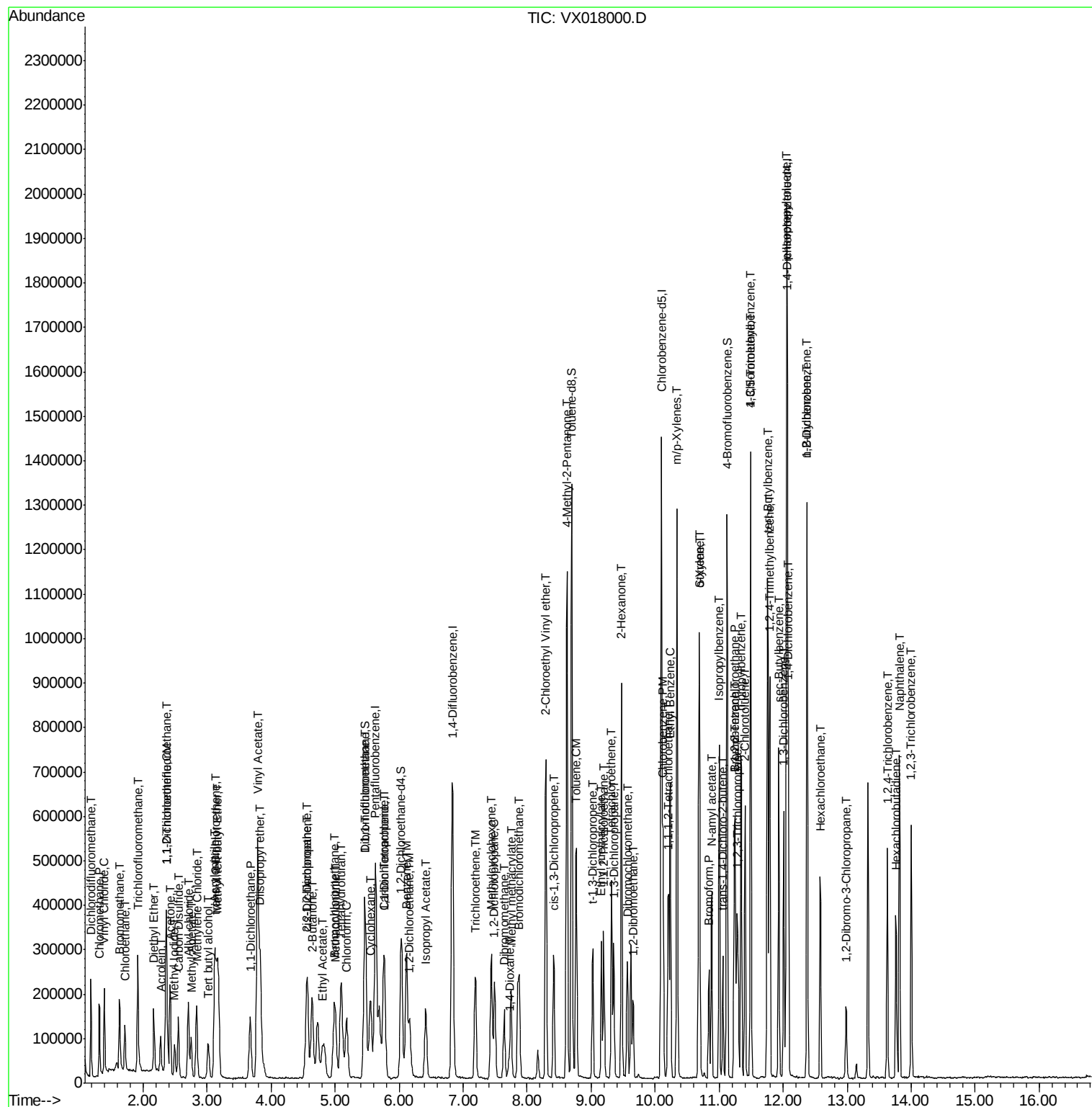
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125585	18.725	ug/l	98
94) Hexachlorobutadiene	13.76	225	51785	18.092	ug/l	97
95) Naphthalene	13.82	128	427512	20.193	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140099	20.542	ug/l	99

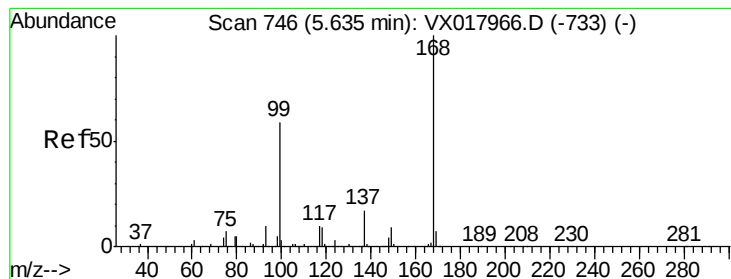
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

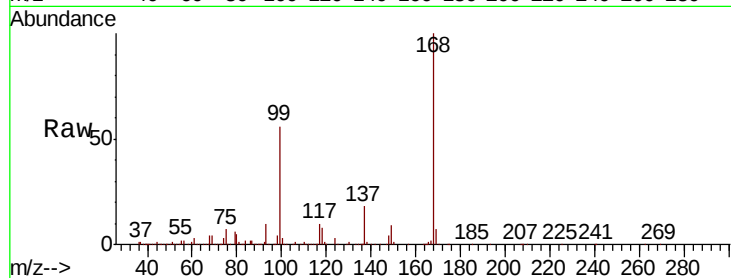
VX0819WBSD02

Tot Ion:168 Resp: 440086

Ion Ratio Lower Upper

168 100

99 56.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

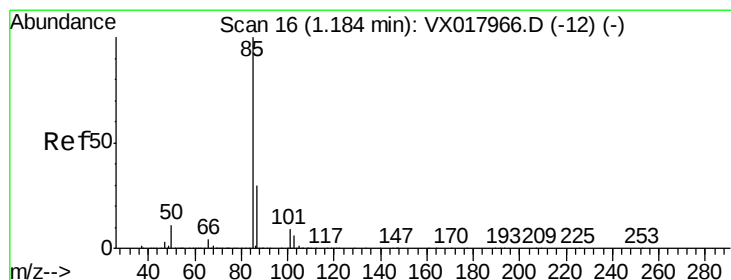
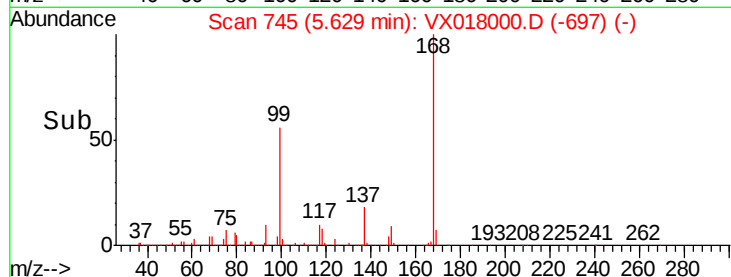
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.867 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018000.D

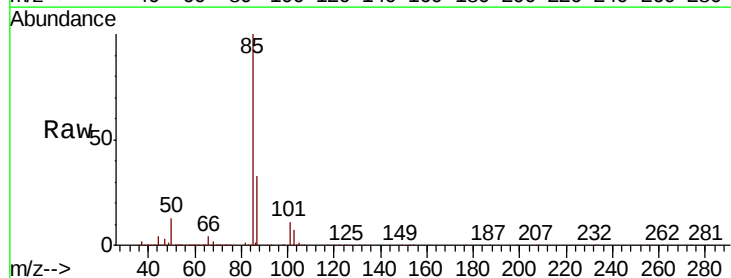
Acq: 19 Aug 2020 22:32

Tgt Ion: 85 Resp: 107721

Ion Ratio Lower Upper

85 100

87 32.7 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

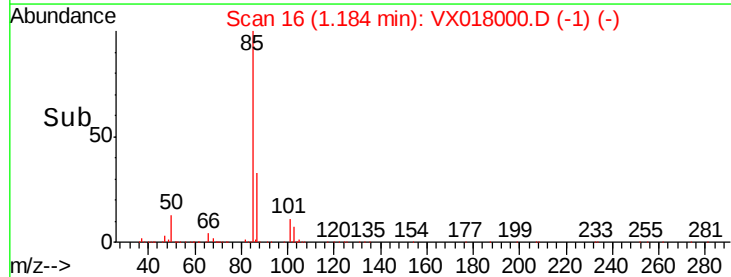
1.18

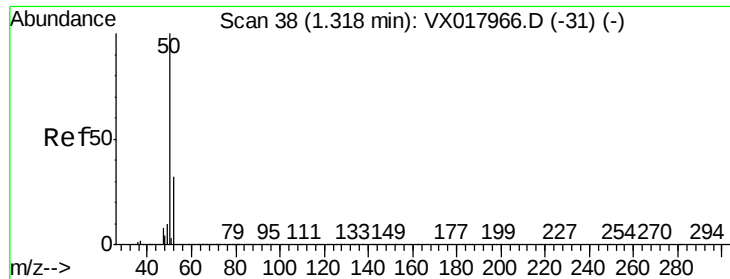
100000

50000

0

Time-->





#3

Chloromethane

Concen: 16.681 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

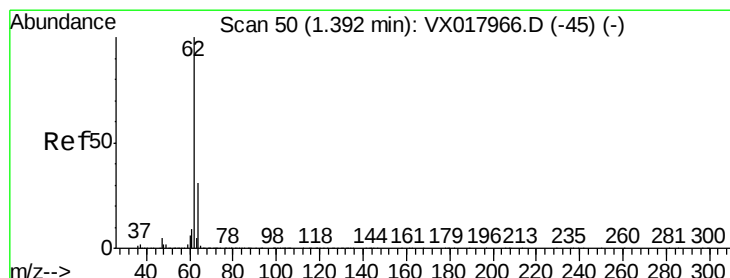
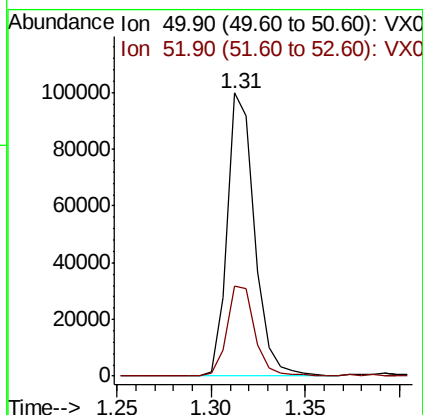
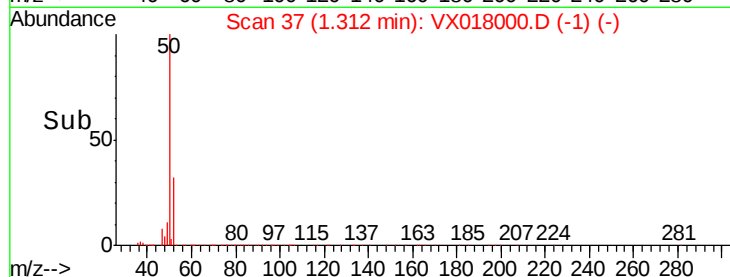
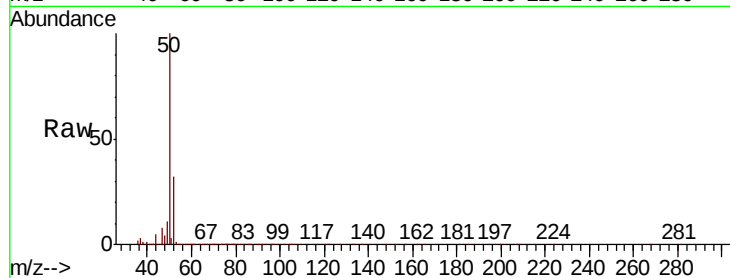
VX0819WBSD02

Tot Ion: 50 Resp: 100394

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.0



#4

Vinyl Chloride

Concen: 18.891 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018000.D

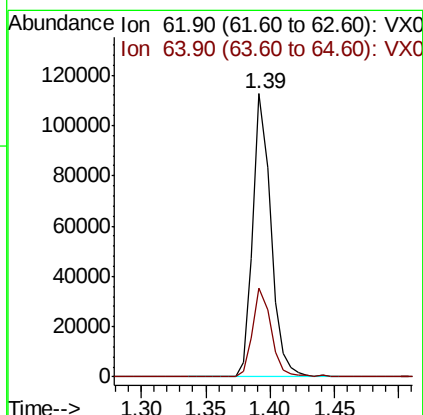
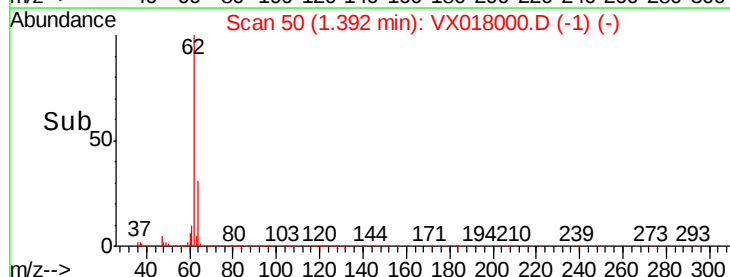
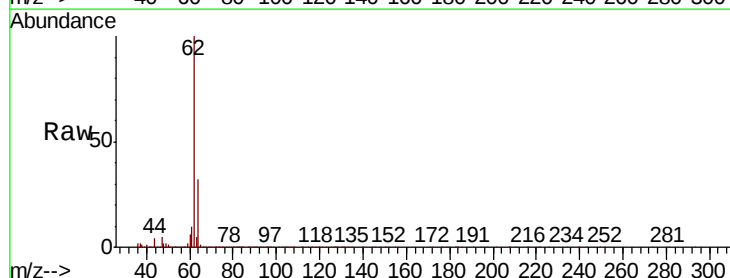
Acq: 19 Aug 2020 22:32

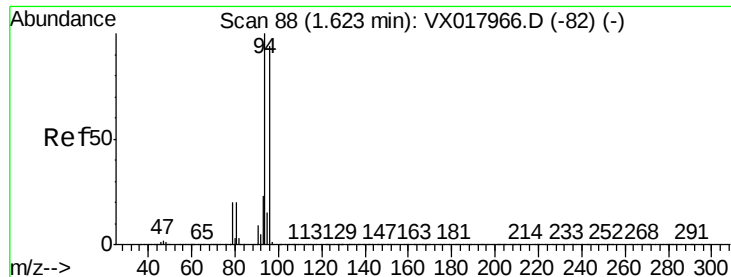
Tgt Ion: 62 Resp: 108541

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 21.572 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

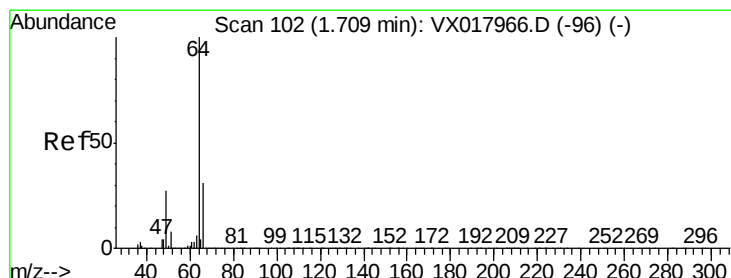
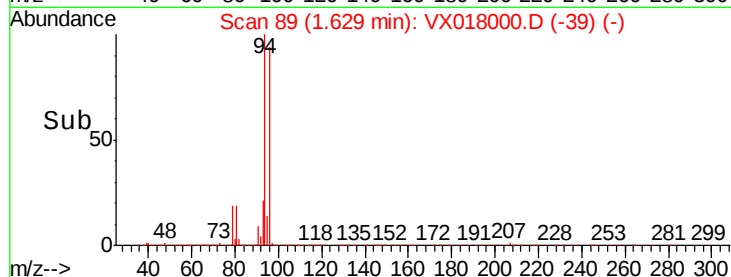
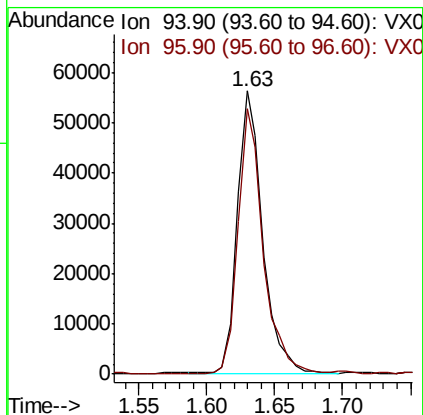
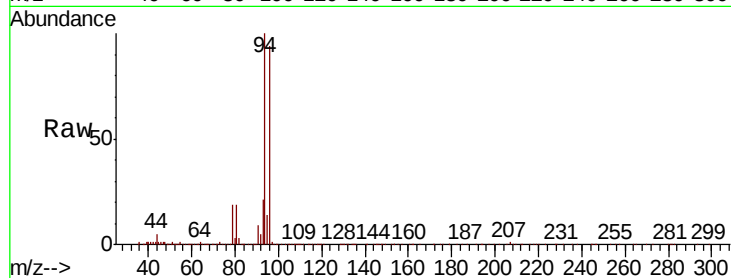
VX0819WBSD02

Tot Ion: 94 Resp: 72655

Ion Ratio Lower Upper

94 100

96 93.5 75.5 113.3



#6

Chloroethane

Concen: 18.671 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018000.D

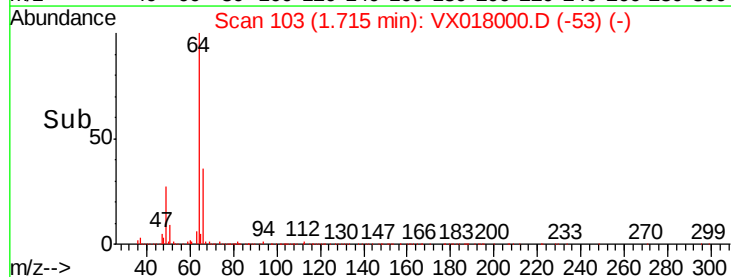
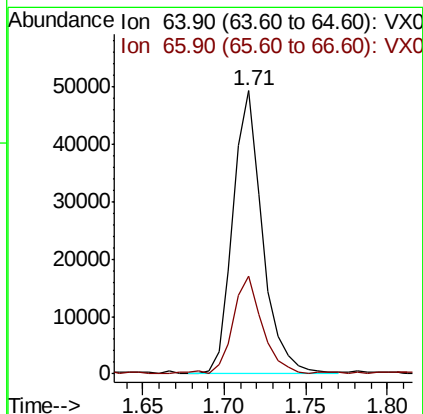
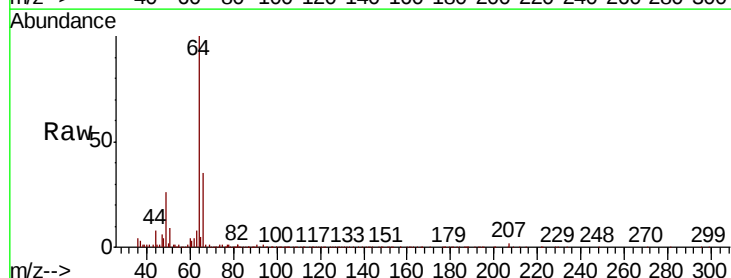
Acq: 19 Aug 2020 22:32

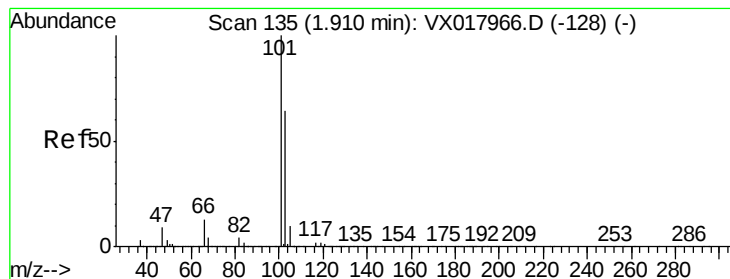
Tgt Ion: 64 Resp: 61623

Ion Ratio Lower Upper

64 100

66 34.4 25.0 37.4



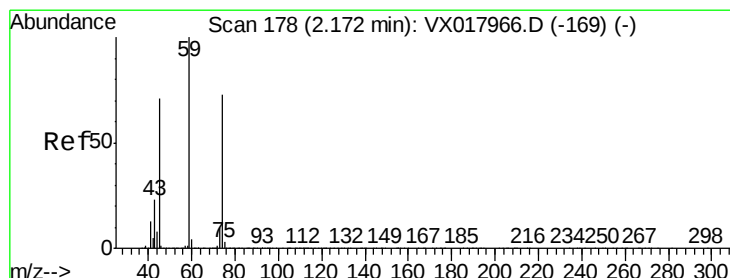
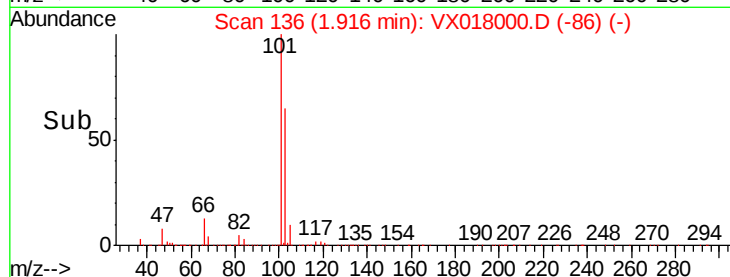
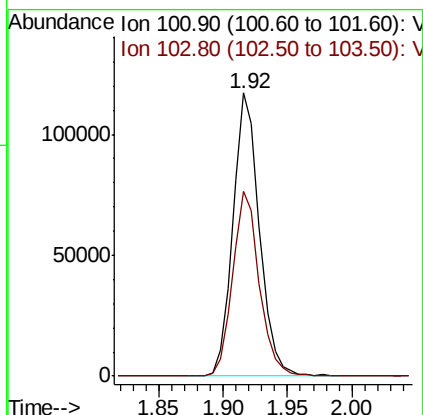
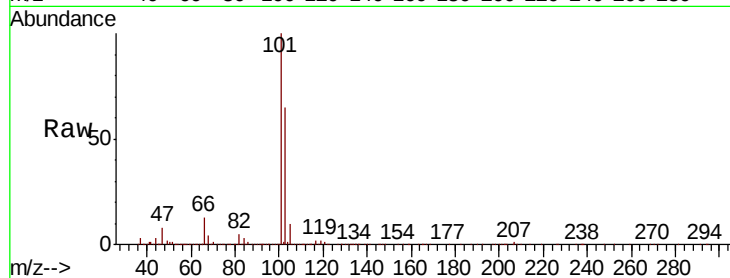


#7

Trichlorofluoromethane
Concen: 18.222 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Instrument :
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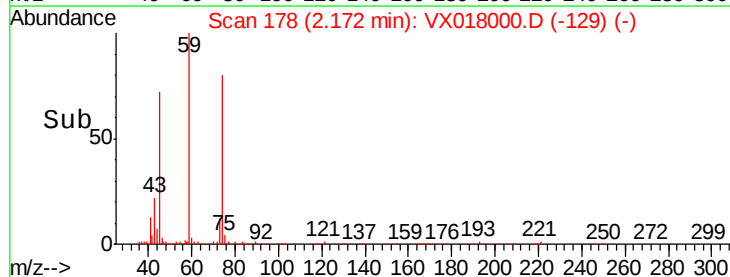
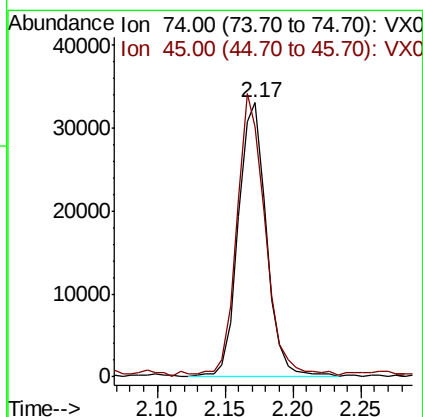
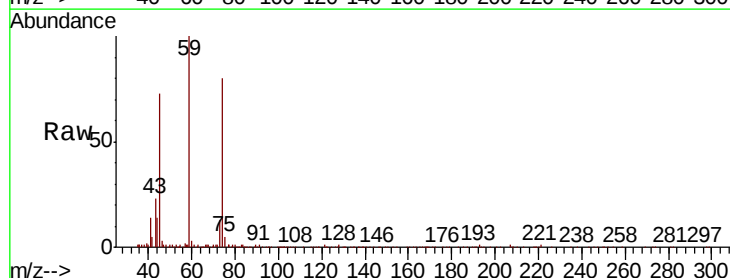
Tot Ion:101 Resp: 167926
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

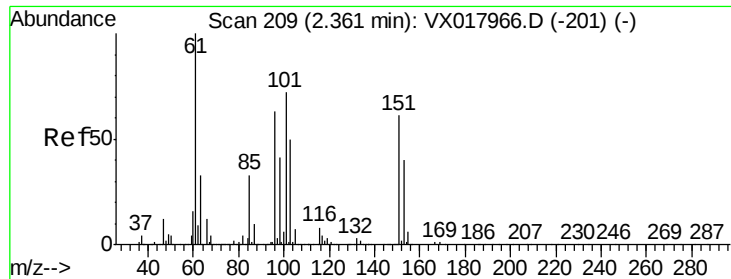


#8

Diethyl Ether
Concen: 17.721 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 74 Resp: 47597
Ion Ratio Lower Upper
74 100
45 106.2 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.082 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

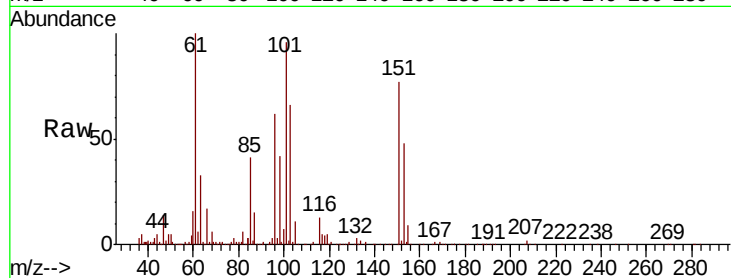
Tot Ion:101 Resp: 74041

Ion Ratio Lower Upper

101 100

85 43.7 35.4 53.2

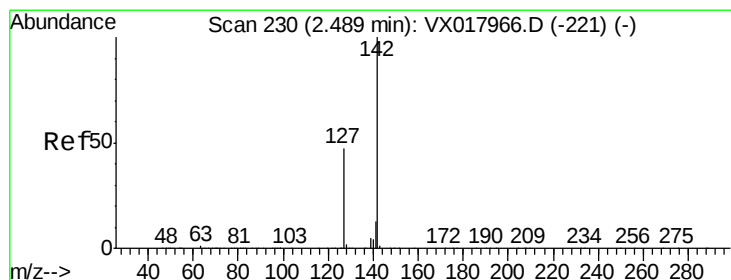
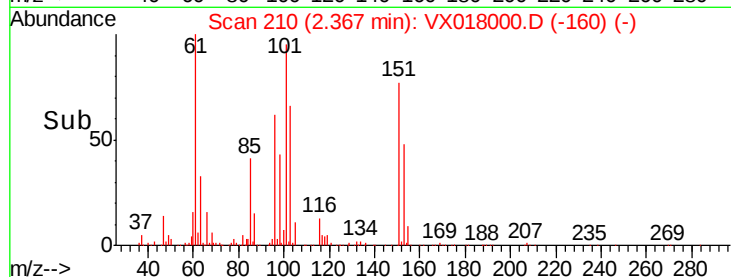
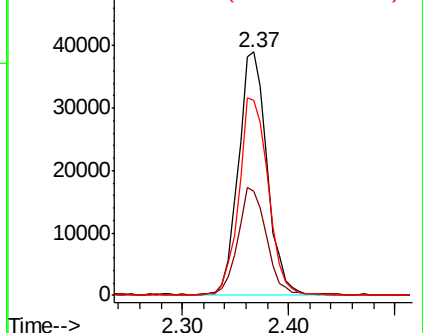
151 82.6 65.4 98.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.877 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

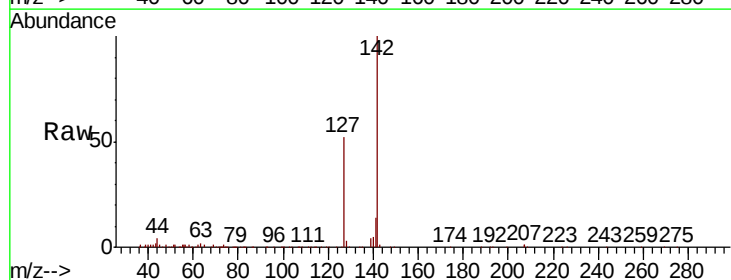
Tgt Ion:142 Resp: 71975

Ion Ratio Lower Upper

142 100

127 48.7 38.0 57.0

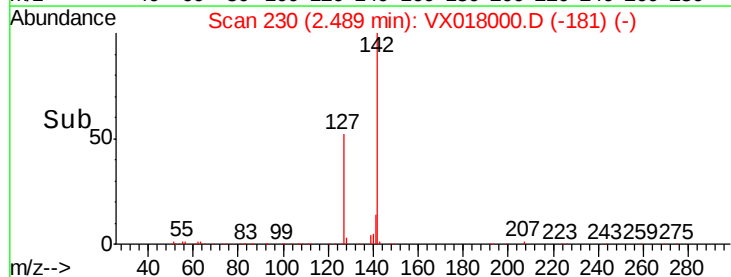
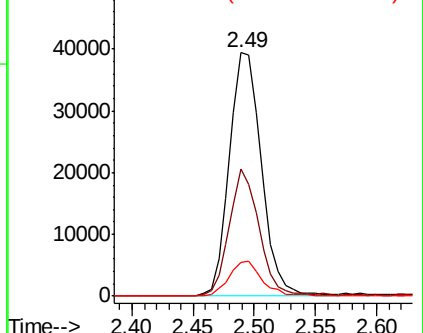
141 14.5 11.2 16.8

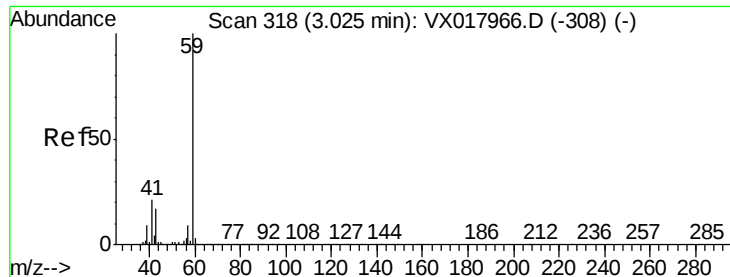


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



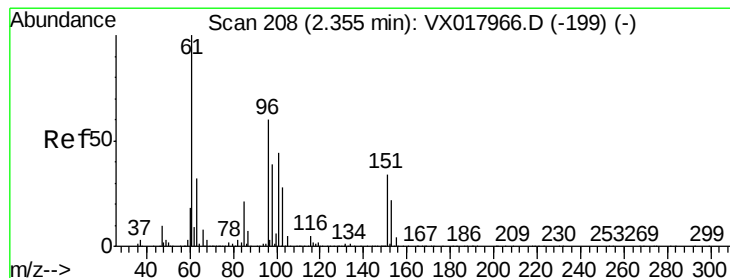
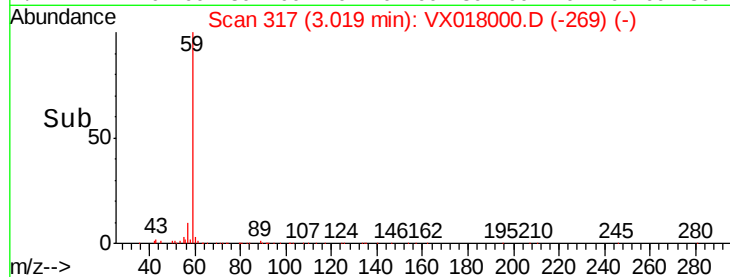
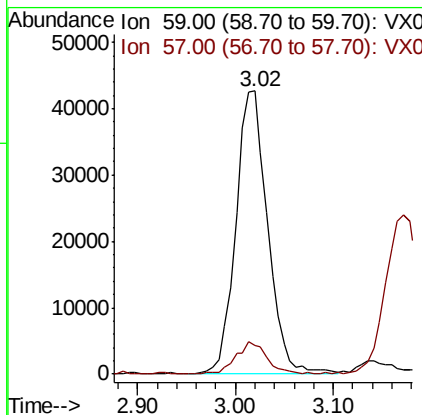
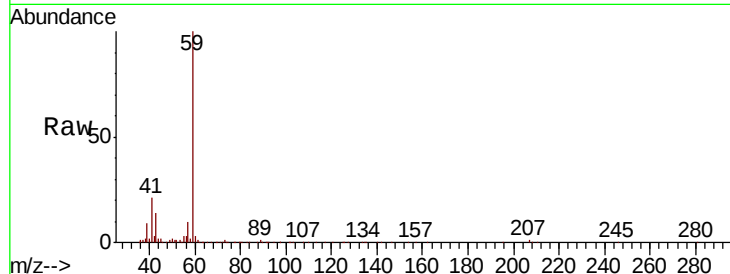


#11

Tert butyl alcohol
 Concen: 77.712 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

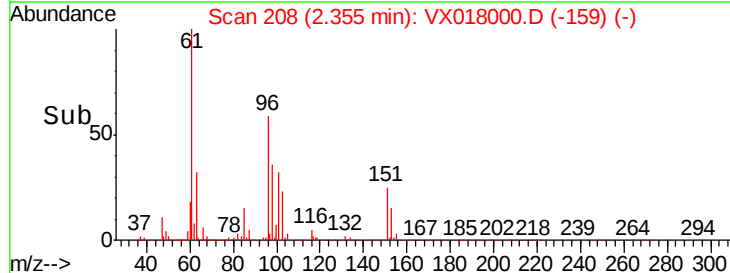
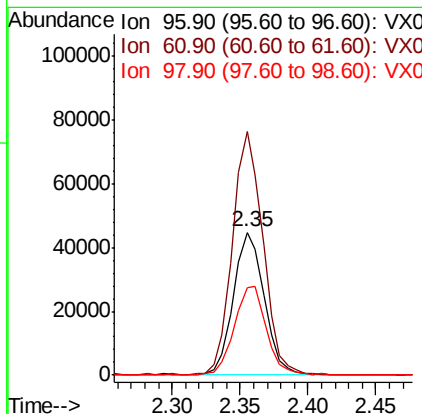
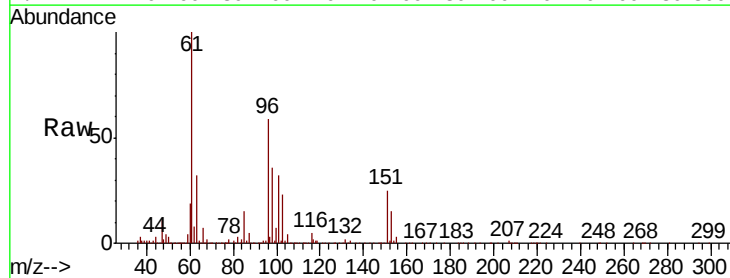
Tot Ion: 59 Resp: 96797
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 13.0

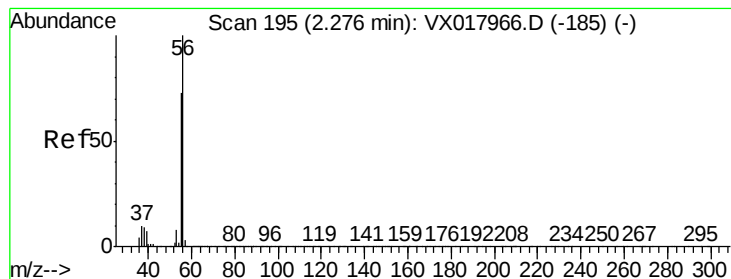


#12

1,1-Dichloroethene
 Concen: 17.782 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion: 96 Resp: 70535
 Ion Ratio Lower Upper
 96 100
 61 170.5 132.9 199.3
 98 61.7 51.6 77.4





#13

Acrolein

Concen: 83.108 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

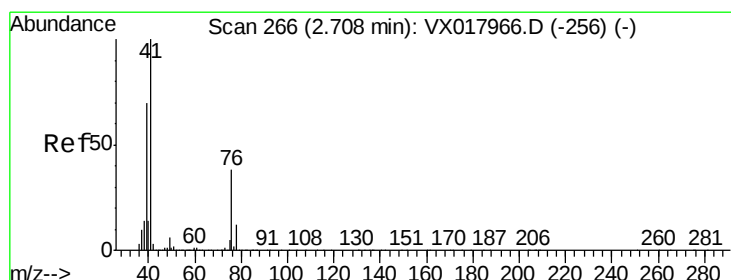
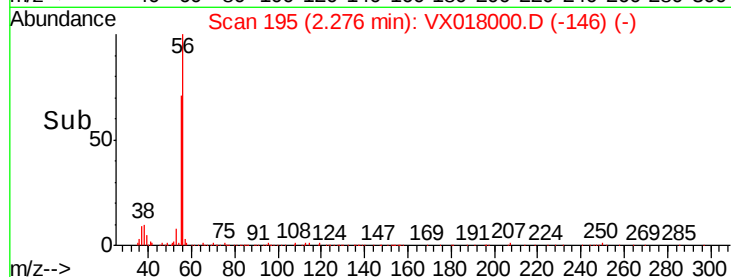
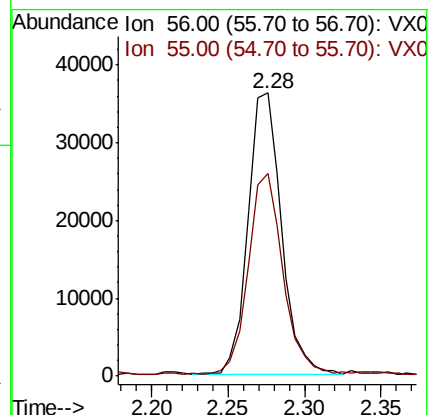
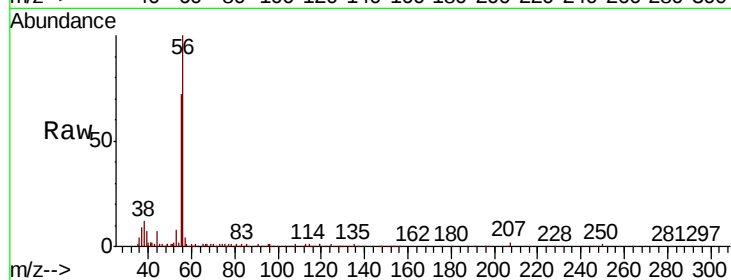
VX0819WBSD02

Tot Ion: 56 Resp: 54683

Ion Ratio Lower Upper

56 100

55 74.1 58.2 87.4



#14

Allyl chloride

Concen: 16.774 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

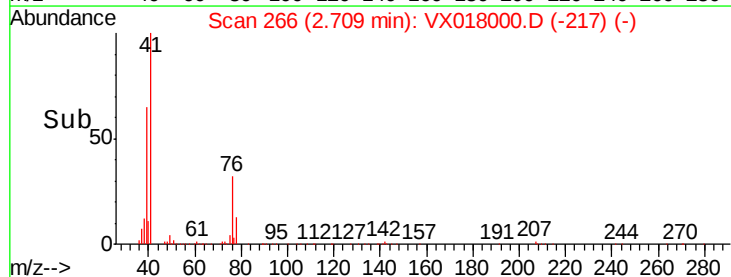
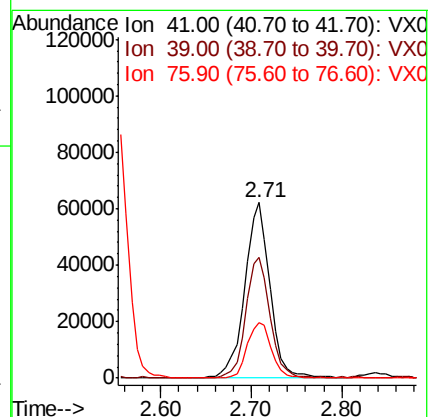
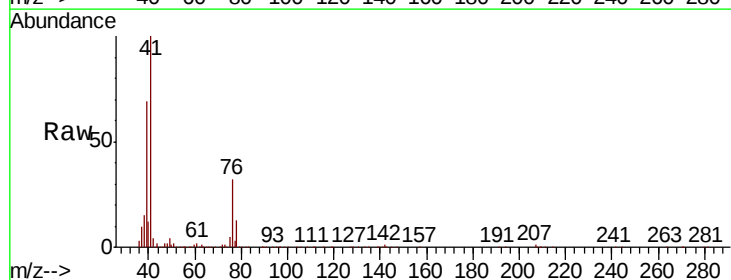
Tgt Ion: 41 Resp: 118673

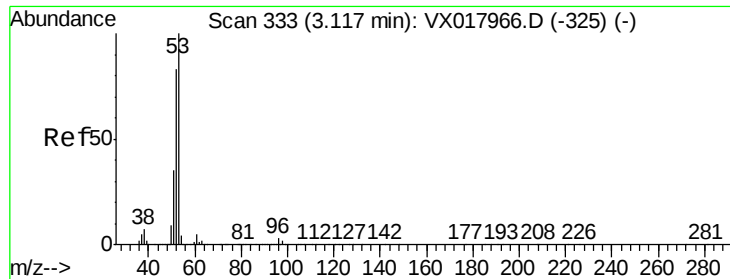
Ion Ratio Lower Upper

41 100

39 66.7 51.7 77.5

76 30.8 26.3 39.5





#15

Acrylonitrile

Concen: 81.475 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

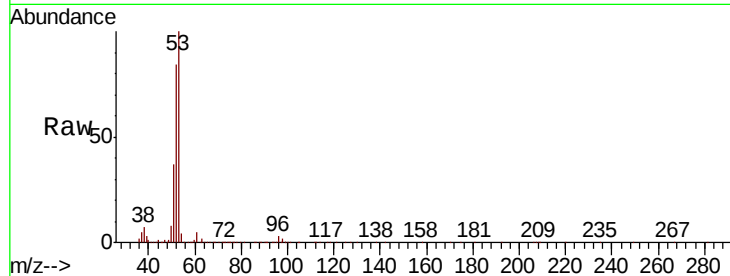
Tot Ion: 53 Resp: 221628

Ion Ratio Lower Upper

53 100

52 82.6 67.1 100.7

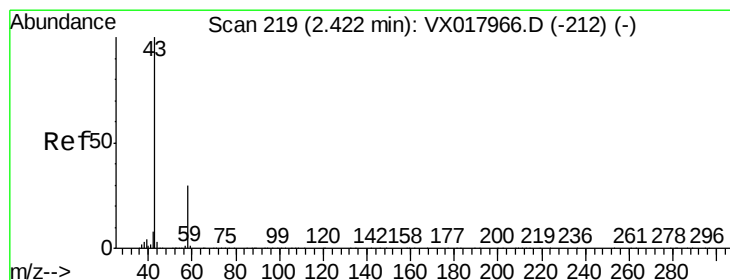
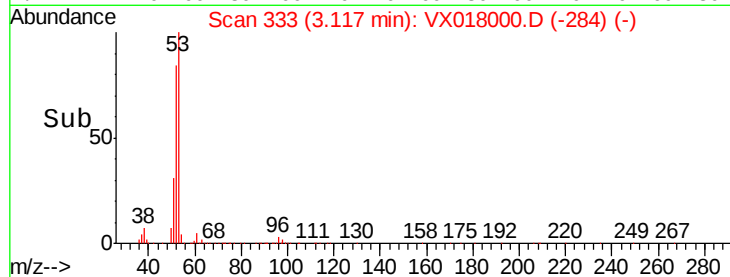
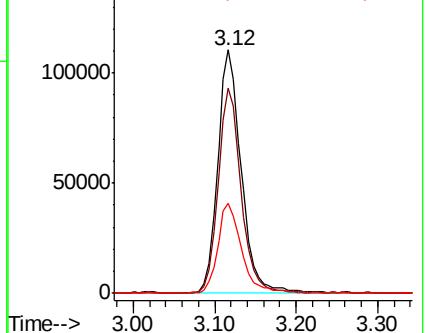
51 37.1 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 84.502 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018000.D

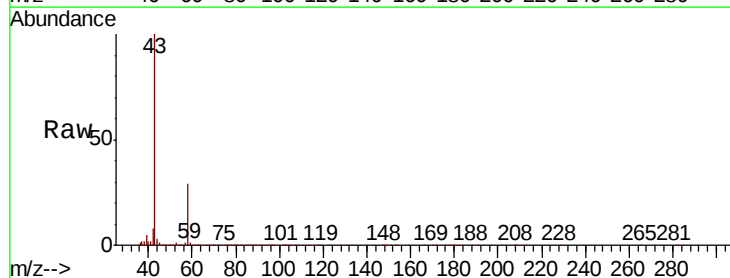
Acq: 19 Aug 2020 22:32

Tgt Ion: 43 Resp: 214469

Ion Ratio Lower Upper

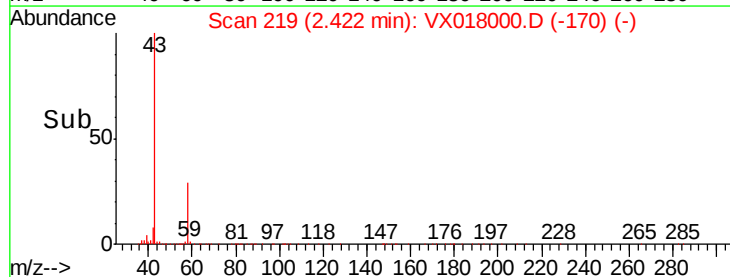
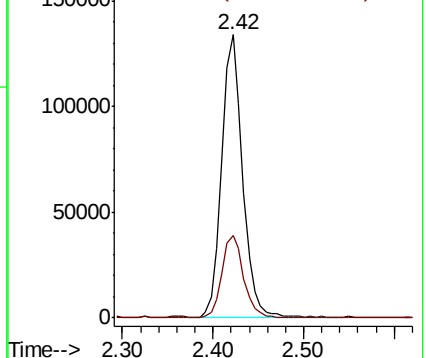
43 100

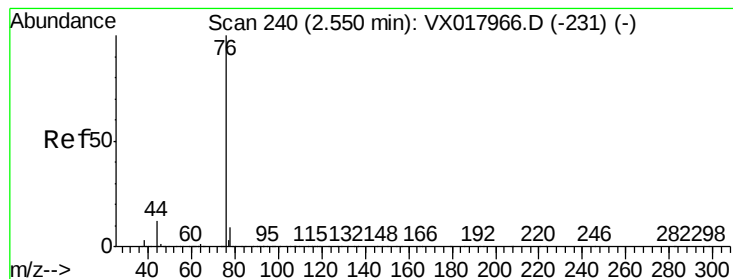
58 29.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.023 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

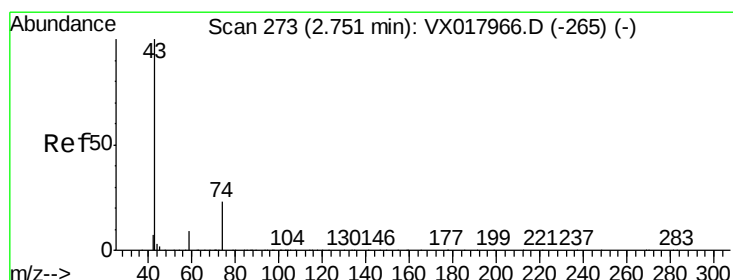
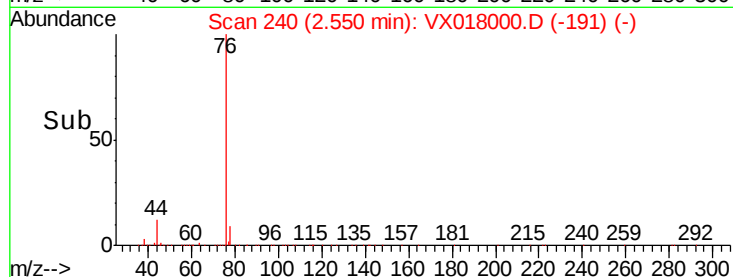
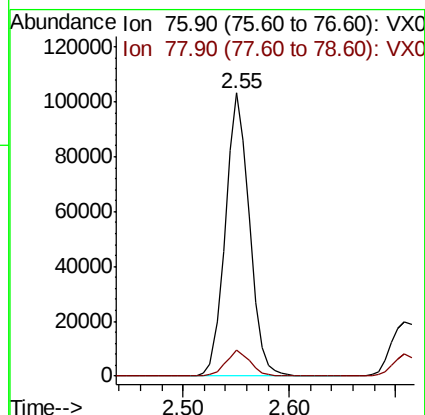
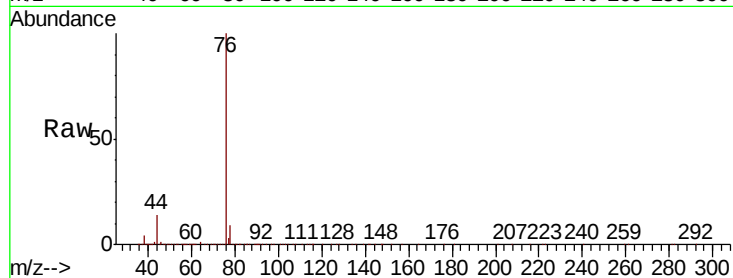
VX0819WBSD02

Tot Ion: 76 Resp: 163838

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 16.744 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018000.D

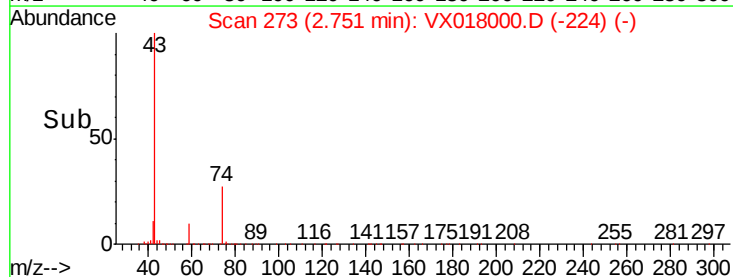
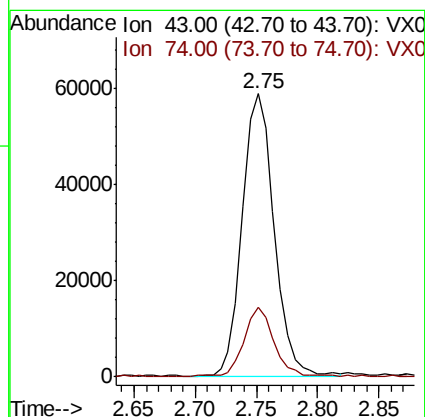
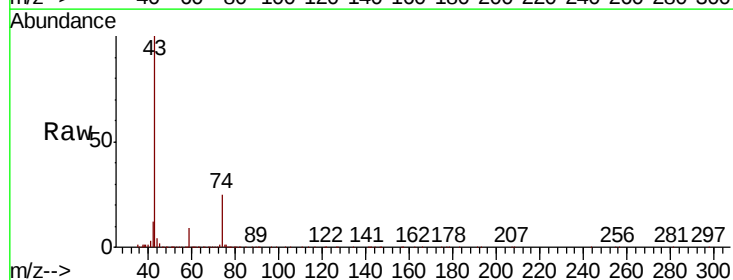
Acq: 19 Aug 2020 22:32

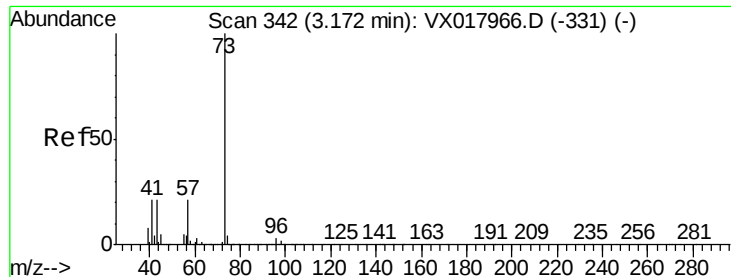
Tgt Ion: 43 Resp: 106932

Ion Ratio Lower Upper

43 100

74 24.0 19.7 29.5



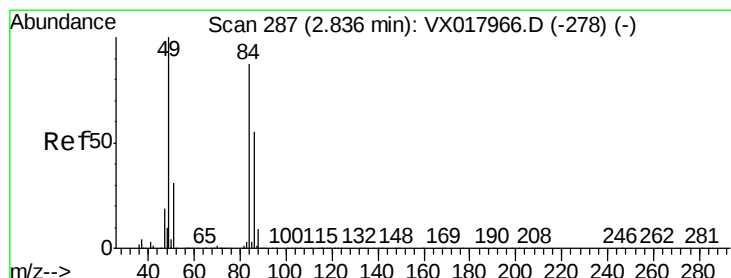
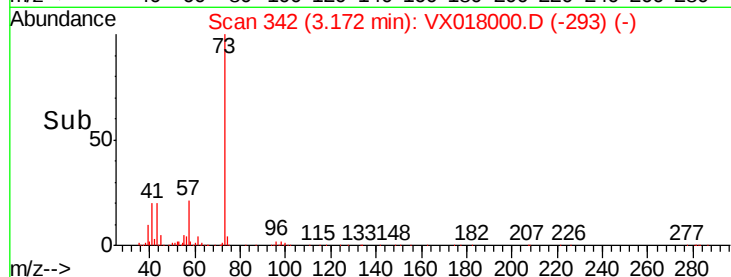
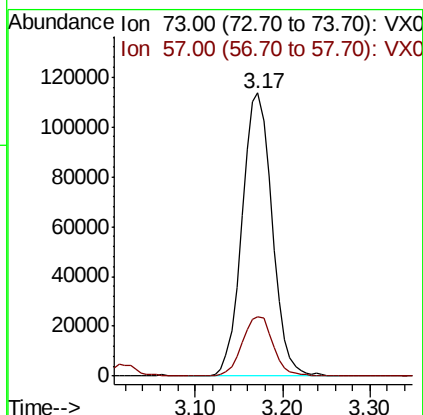
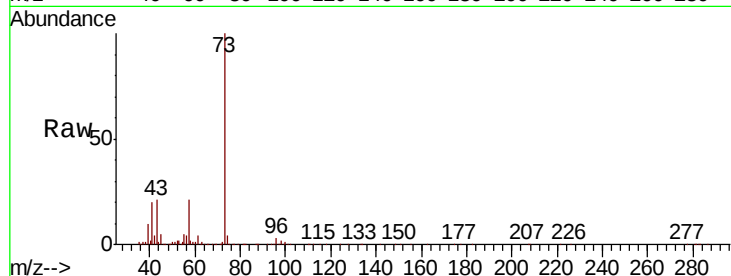


#19

Methyl tert-butyl Ether
 Concen: 17.854 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

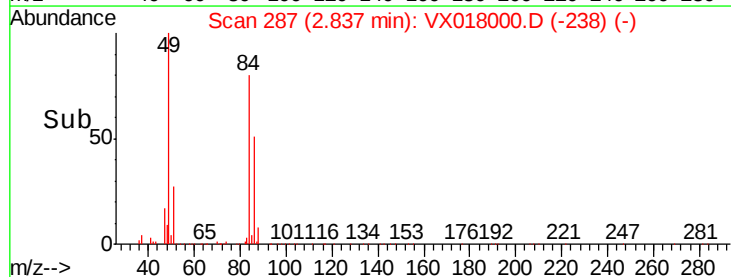
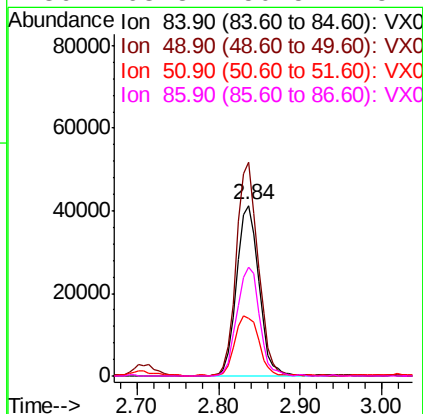
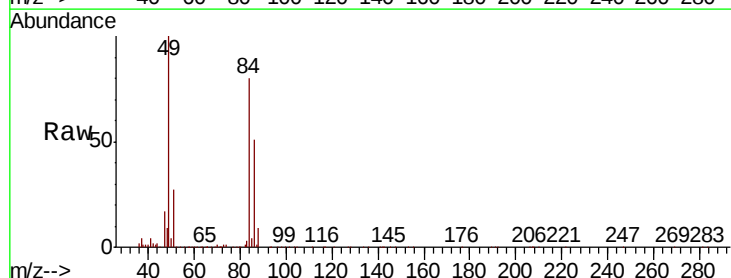
Tot Ion: 73 Resp: 270763
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.9 25.3

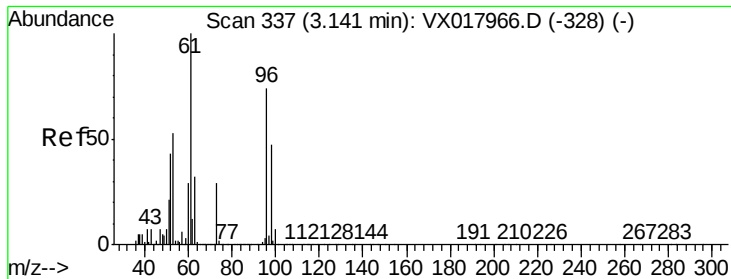


#20

Methylene Chloride
 Concen: 16.598 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion: 84 Resp: 77613
 Ion Ratio Lower Upper
 84 100
 49 124.9 91.8 137.6
 51 33.9 27.8 41.8
 86 63.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 16.675 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

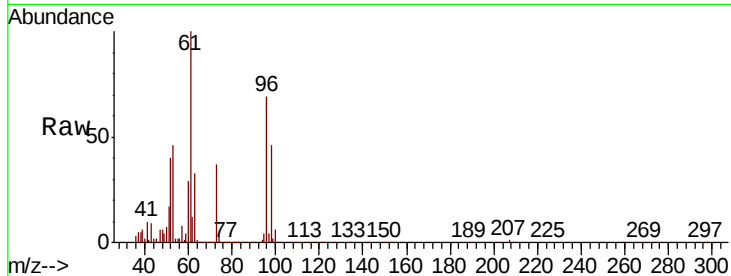
Tot Ion: 96 Resp: 68002

Ion Ratio Lower Upper

96 100

61 145.3 108.6 163.0

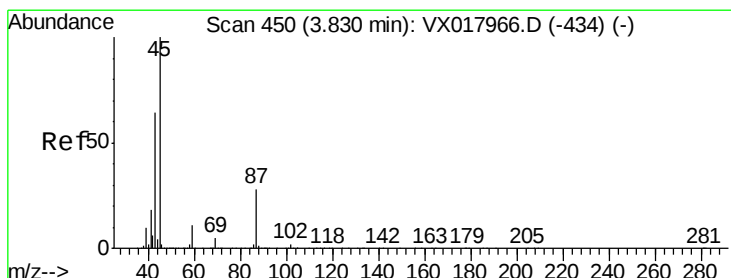
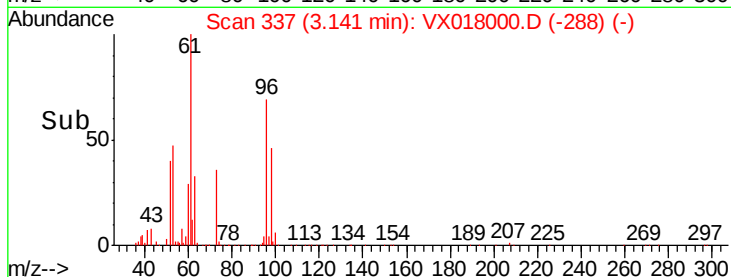
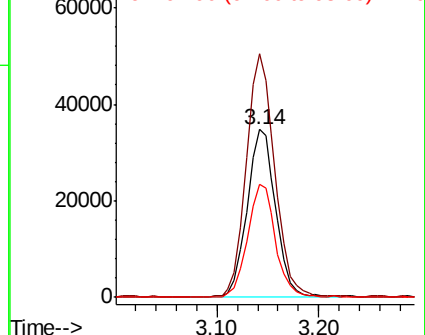
98 67.1 51.4 77.0



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: 19.679 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Tgt Ion: 45 Resp: 291848

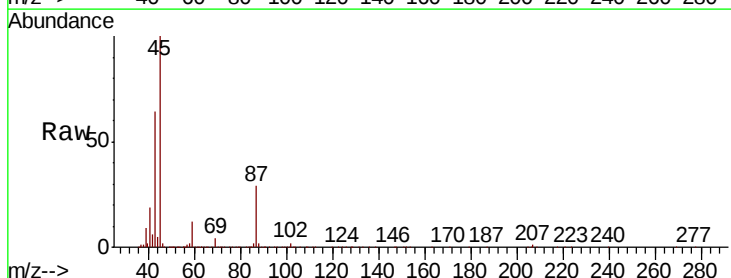
Ion Ratio Lower Upper

45 100

43 64.0 51.5 77.3

87 29.5 22.6 33.8

59 11.6 9.0 13.4

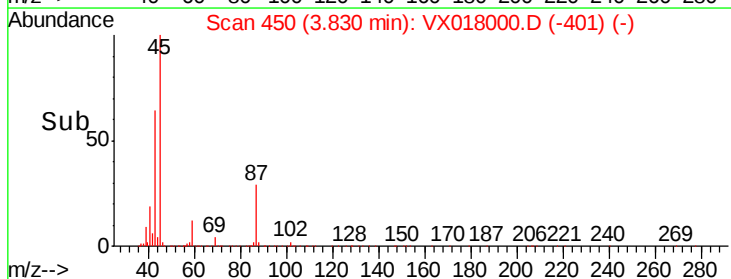
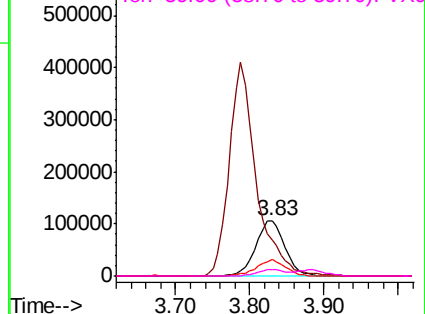


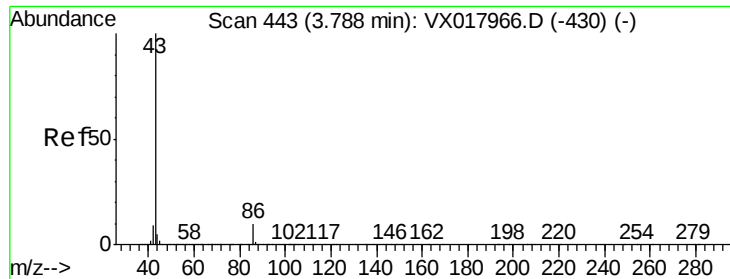
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

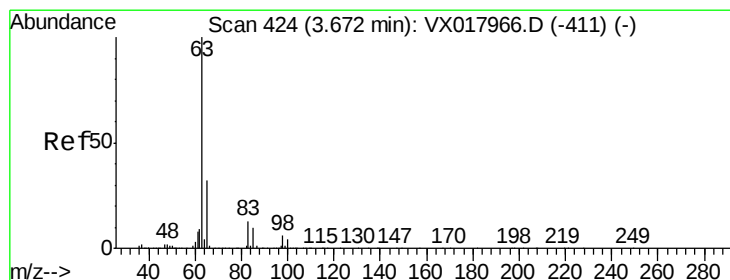
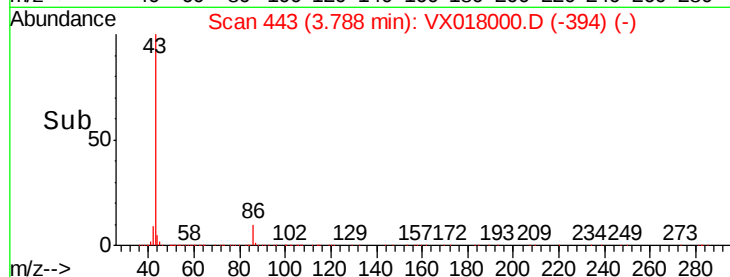
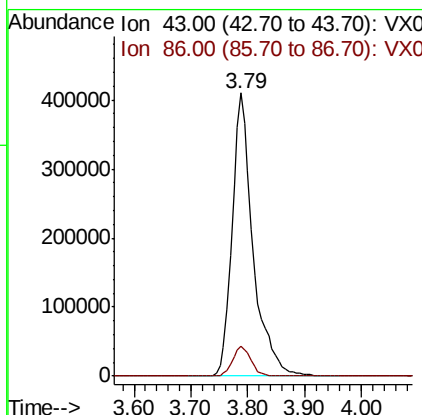
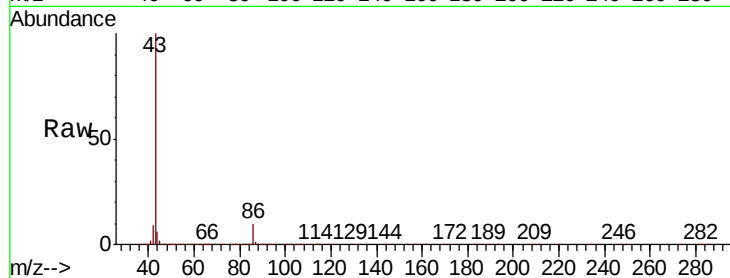




#23
 Vinyl Acetate
 Concen: 92.571 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

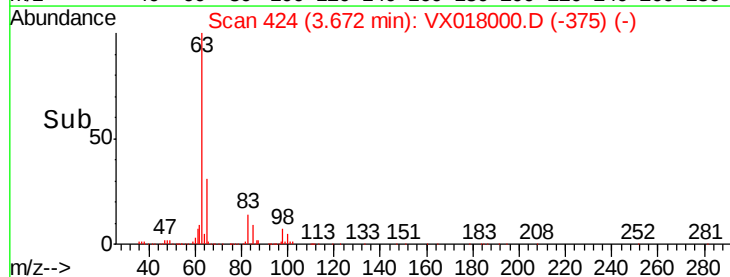
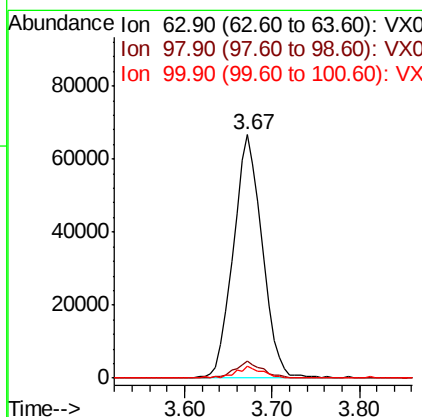
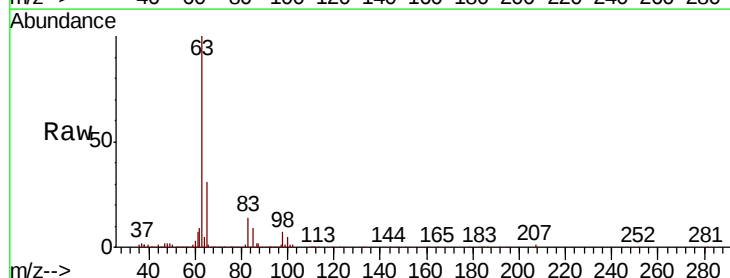
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

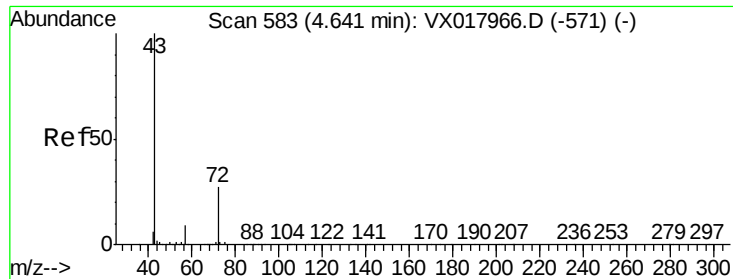
Tot Ion: 43 Resp: 1049148
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 18.620 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion: 63 Resp: 153085
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.0 9.0
 100 4.9 2.0 5.8

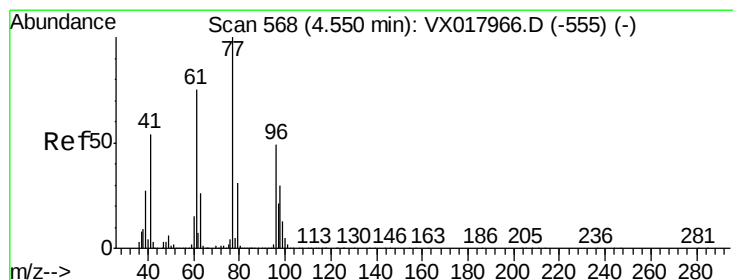
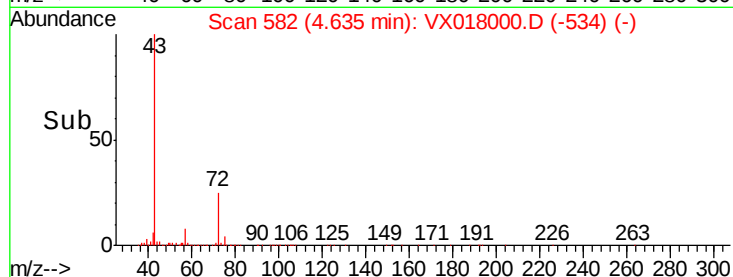
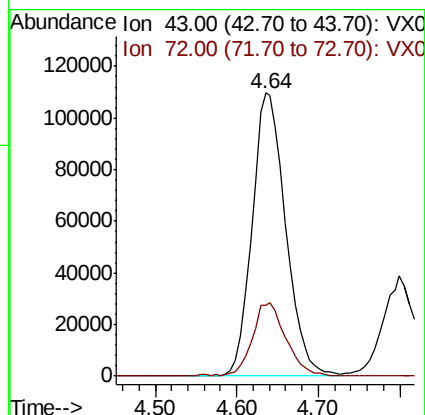
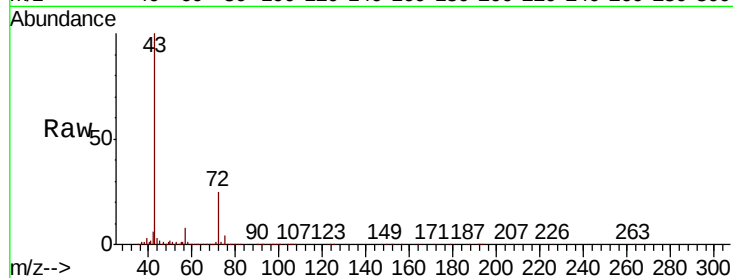




#25
2-Butanone
Concen: 81.290 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

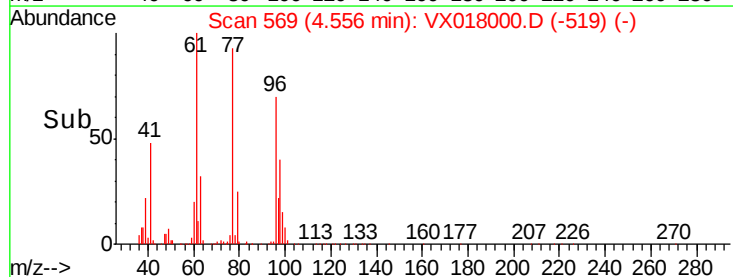
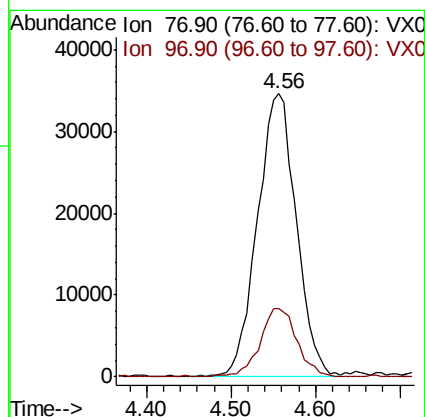
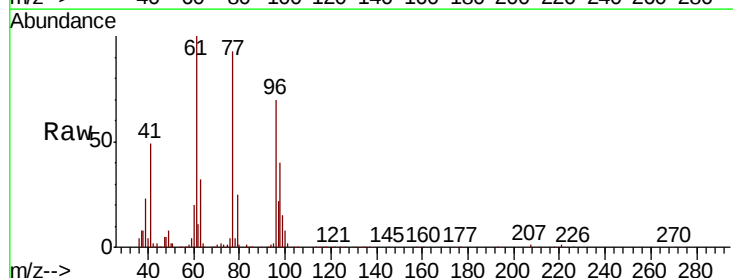
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

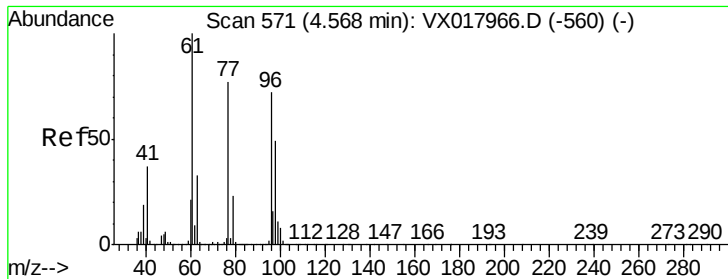
Tot Ion: 43 Resp: 312345
Ion Ratio Lower Upper
43 100
72 24.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 14.649 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 77 Resp: 109672
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9



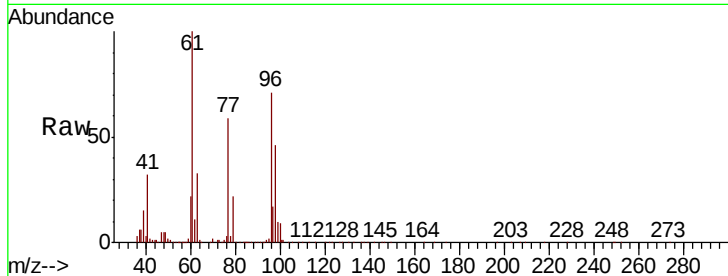


#27

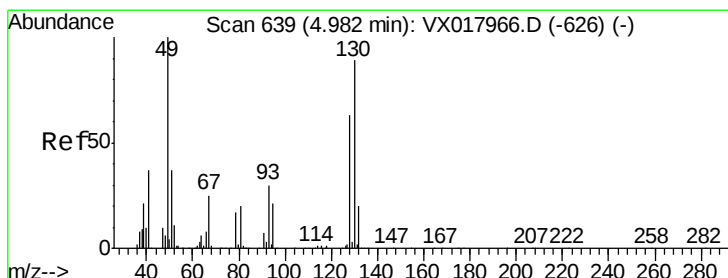
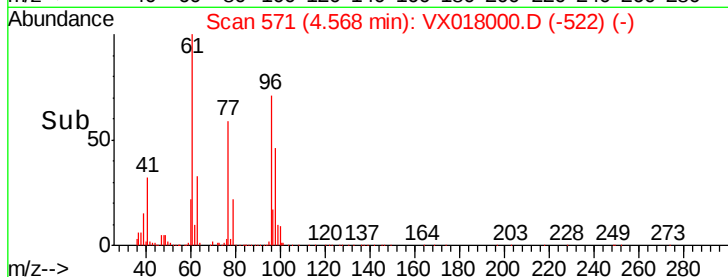
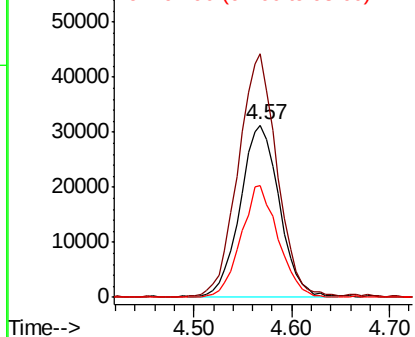
cis-1,2-Dichloroethene
Concen: 18.161 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion: 96 Resp: 87364
Ion Ratio Lower Upper
96 100
61 138.5 0.0 298.8
98 61.1 0.0 130.2



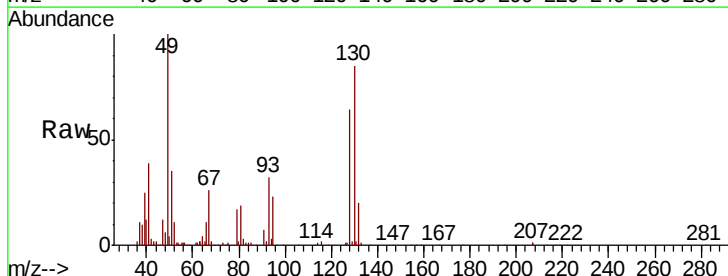
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



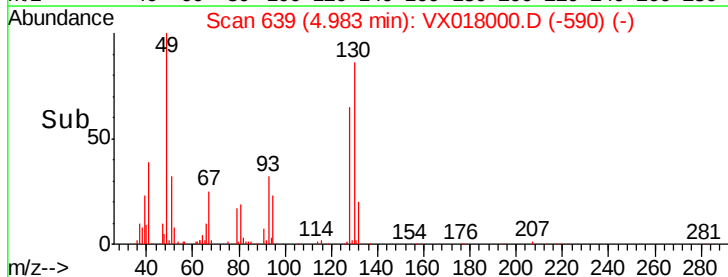
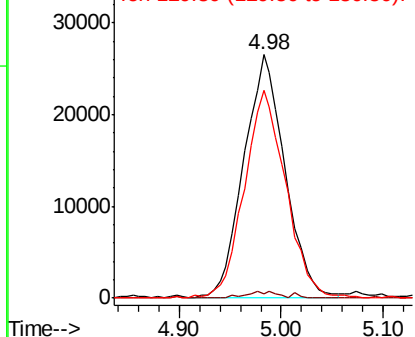
#28

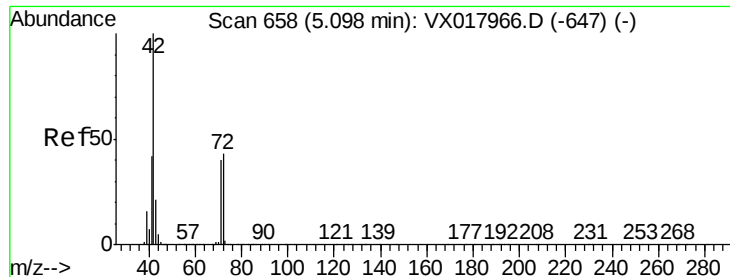
Bromochloromethane
Concen: 17.498 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 49 Resp: 74344
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 85.8 68.5 102.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 83.876 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

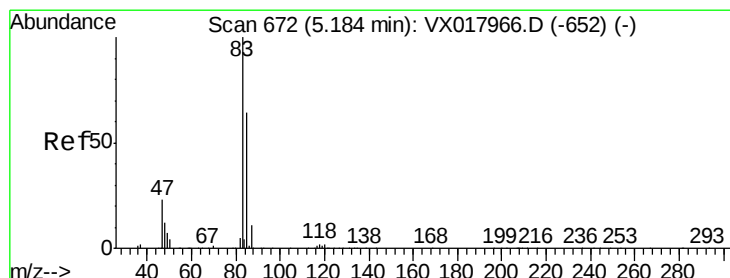
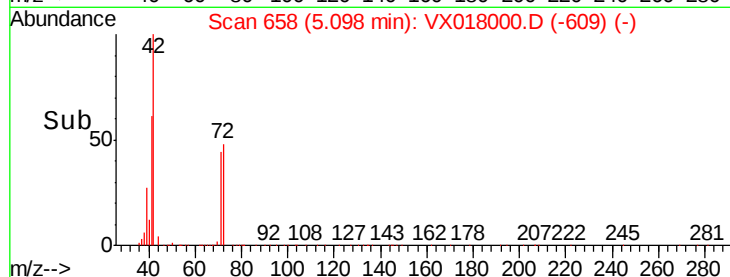
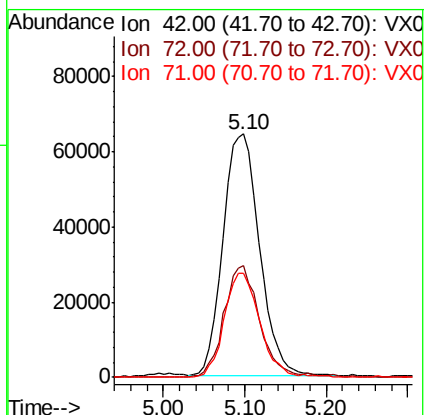
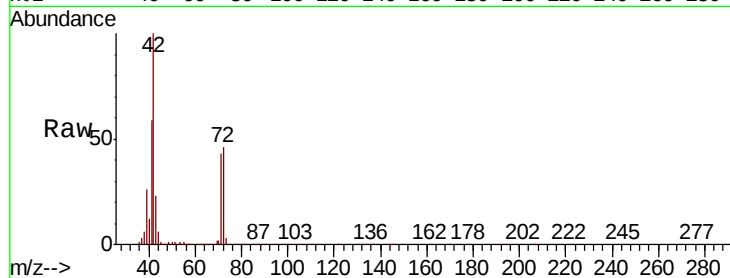
Tot Ion: 42 Resp: 200157

Ion Ratio Lower Upper

42 100

72 45.2 35.9 53.9

71 41.2 33.0 49.4



#30

Chloroform

Concen: 17.438 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018000.D

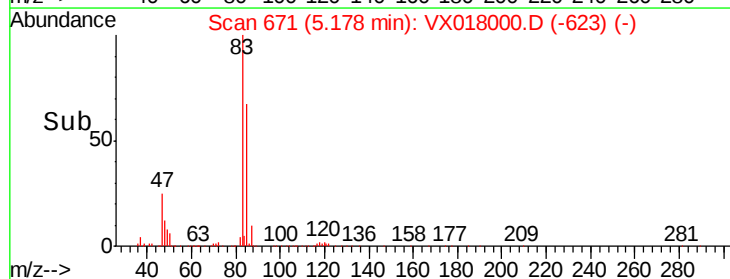
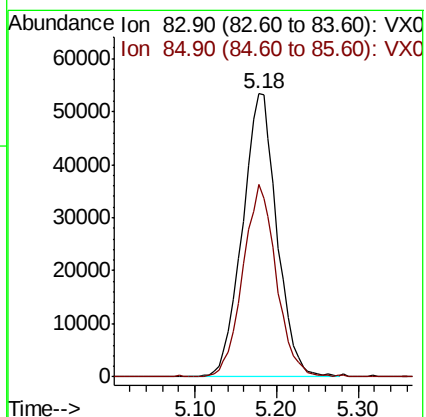
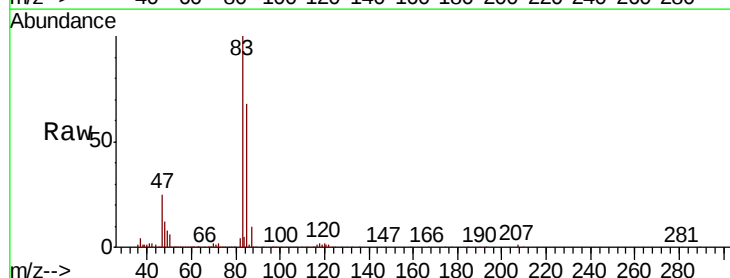
Acq: 19 Aug 2020 22:32

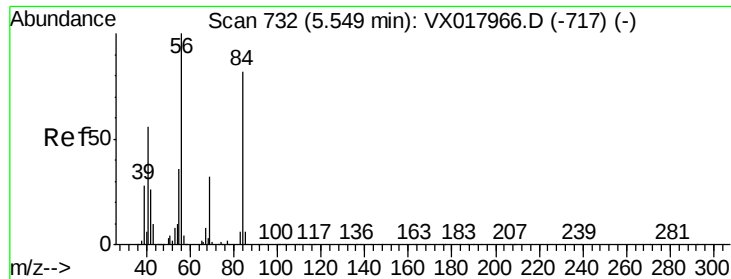
Tgt Ion: 83 Resp: 156700

Ion Ratio Lower Upper

83 100

85 67.8 51.3 76.9

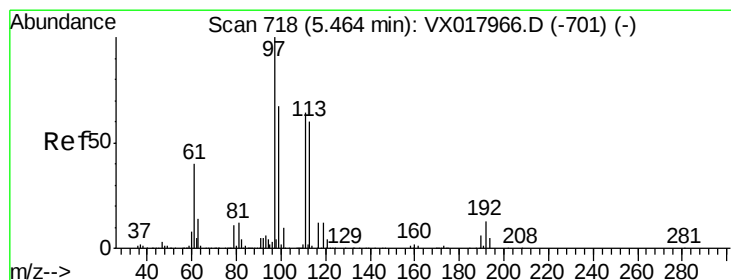
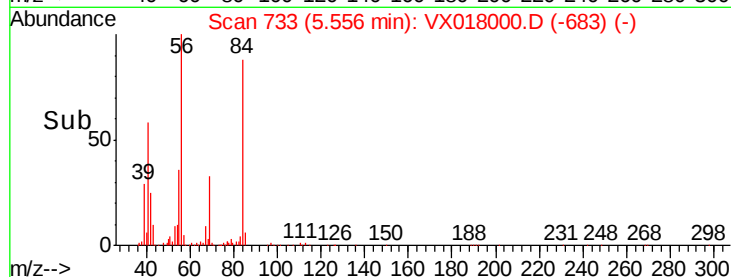
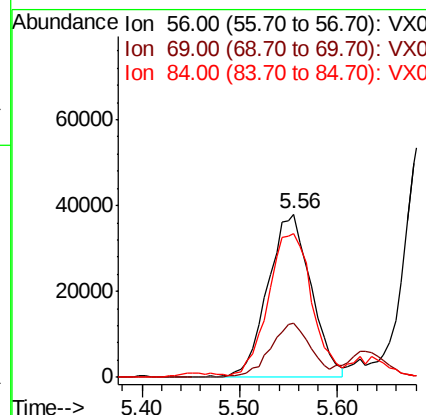
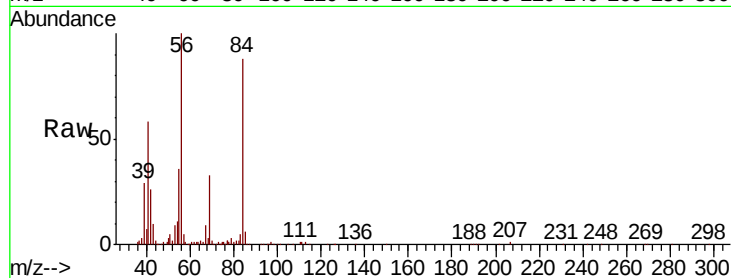




#31
Cyclohexane
Concen: 17.656 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

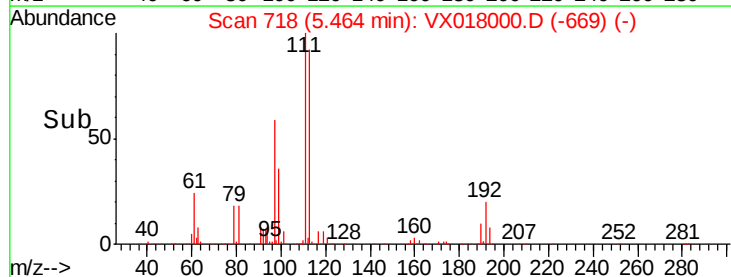
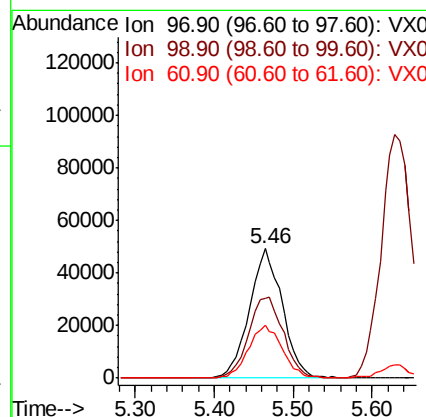
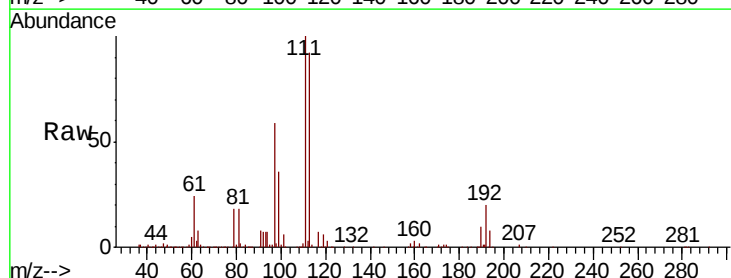
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

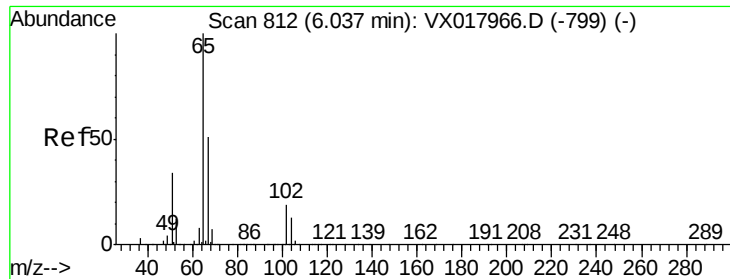
Tot Ion: 56 Resp: 117706
Ion Ratio Lower Upper
56 100
69 32.9 25.3 37.9
84 85.4 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 17.559 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 97 Resp: 143136
Ion Ratio Lower Upper
97 100
99 66.0 51.4 77.0
61 42.4 33.7 50.5

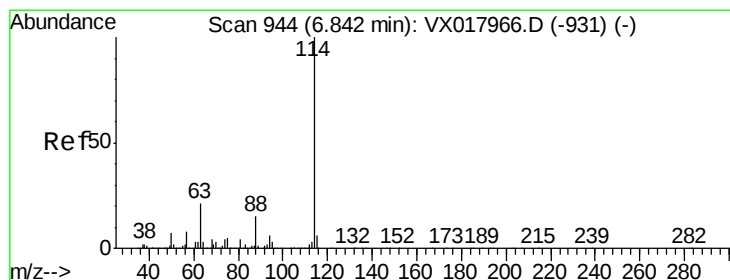
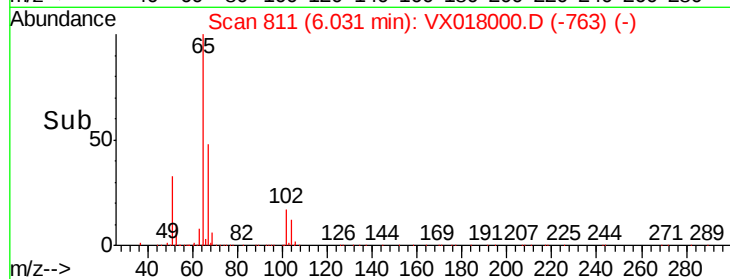
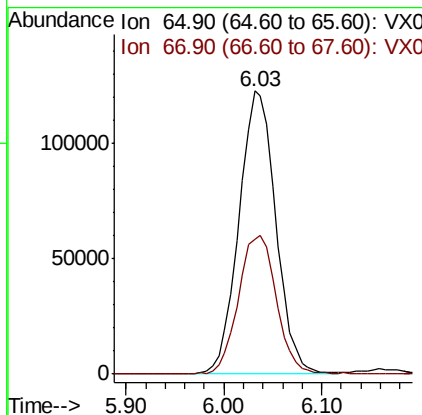
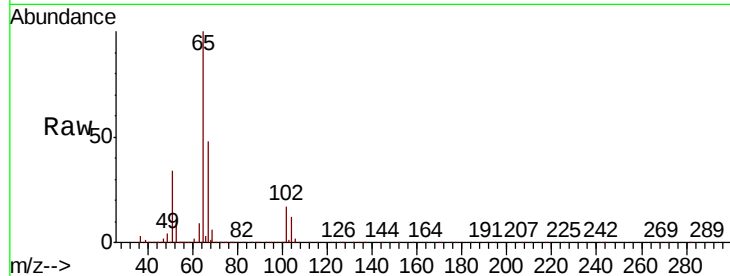




#33
 1,2-Dichloroethane-d4
 Concen: 49.696 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

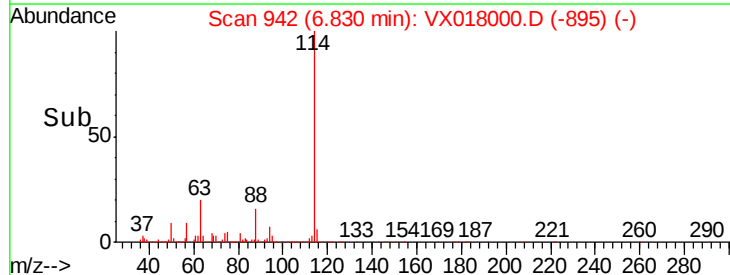
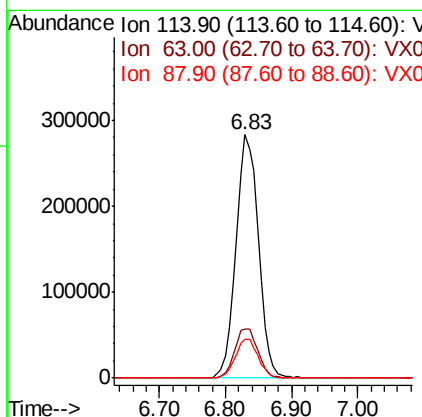
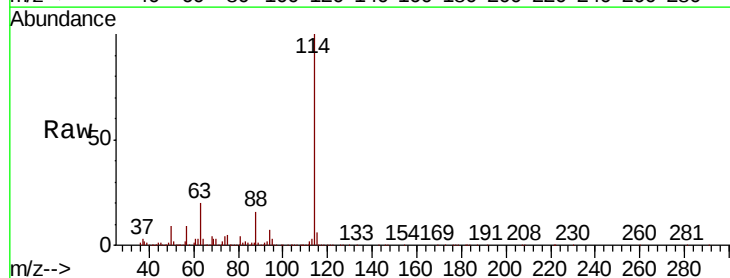
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0819WBSD02

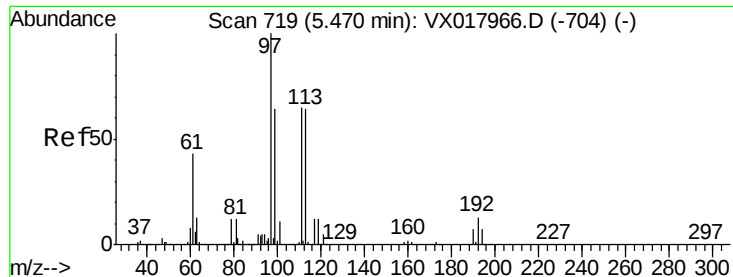
Tot Ion: 65 Resp: 320603
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion: 114 Resp: 669878
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 15.7 0.0 30.2

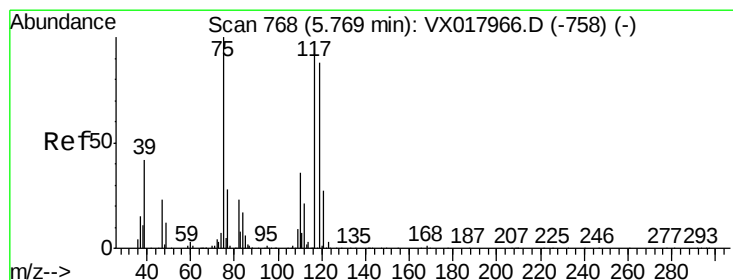
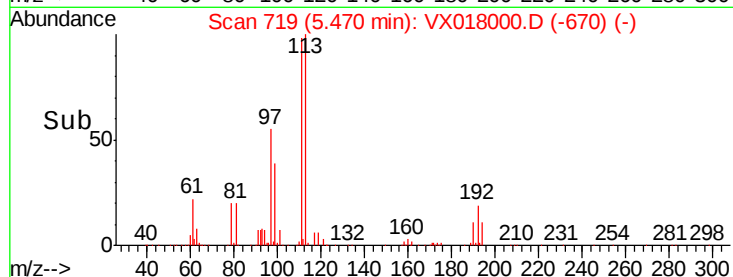
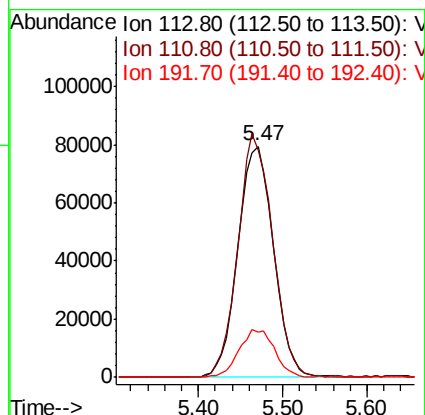
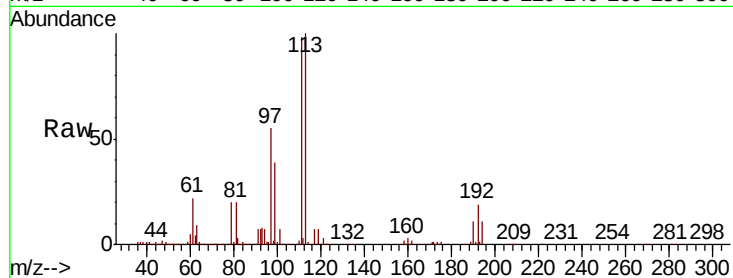




#35
 Dibromofluoromethane
 Concen: 45.784 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

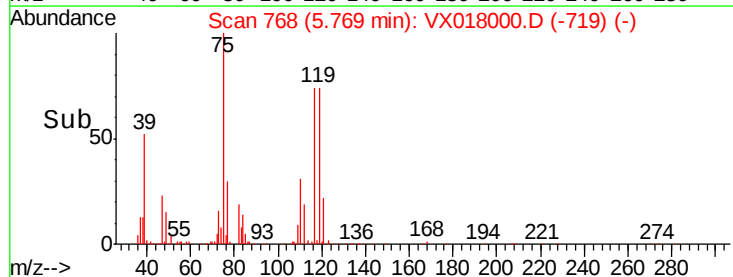
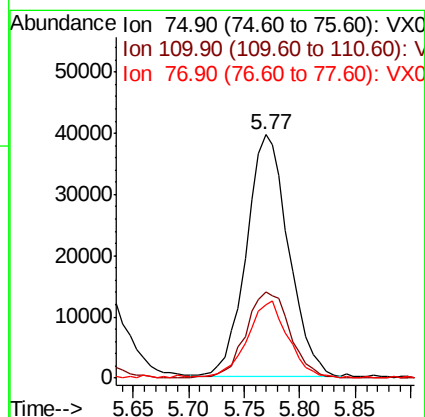
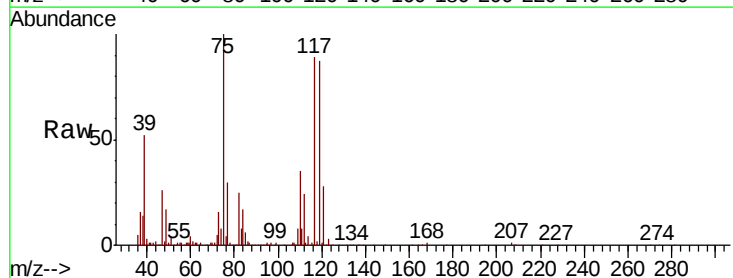
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

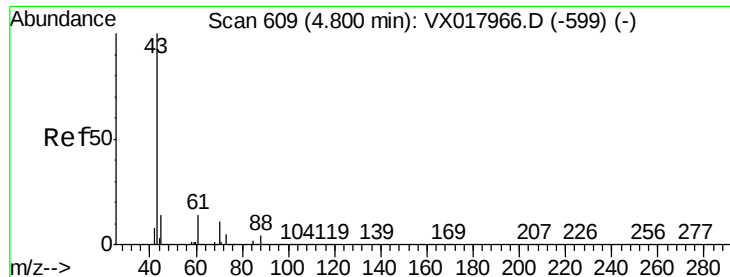
Tot Ion:113 Resp: 228394
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 20.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 18.543 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion: 75 Resp: 103968
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.7 56.1
 77 30.7 24.4 36.6

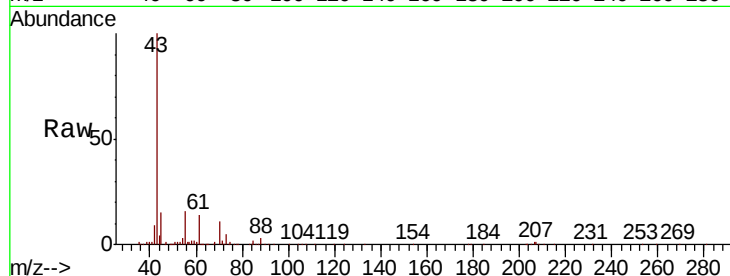




#37
Ethyl Acetate
Concen: 16.287 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	43	Resp	109264
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.3	16.9
70	11.1	8.5	12.7

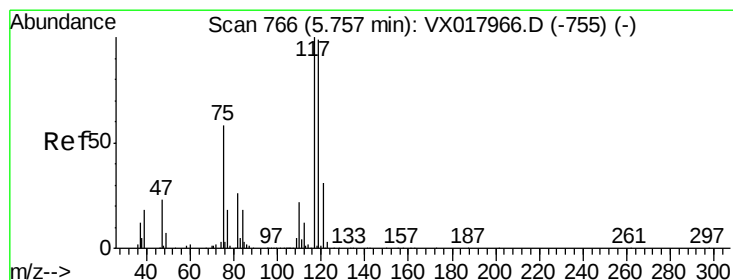
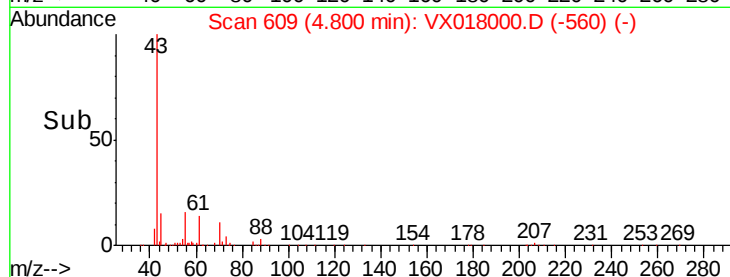
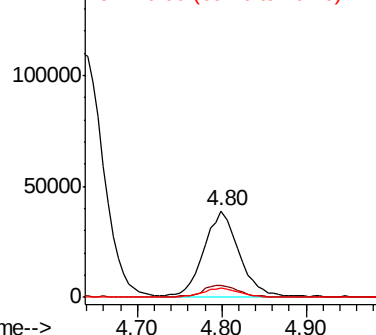


Abundance

Ion 43.00 (42.70 to 43.70): VX0

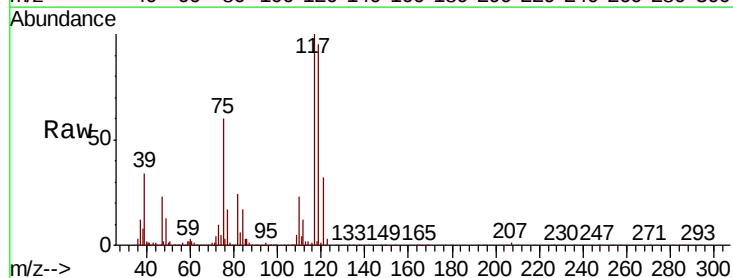
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 18.603 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion	117	Resp	134993
Ion Ratio	Lower	Upper	
117	100		
119	94.5	79.0	118.6
121	31.9	24.7	37.1

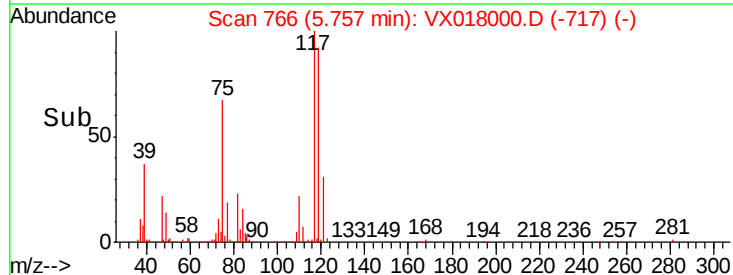
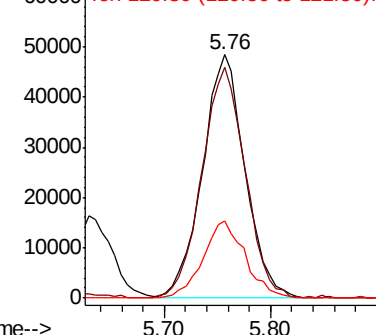


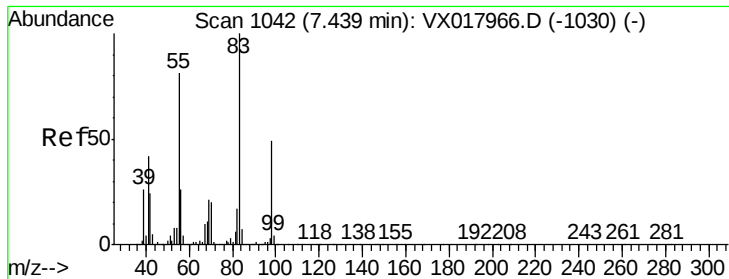
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

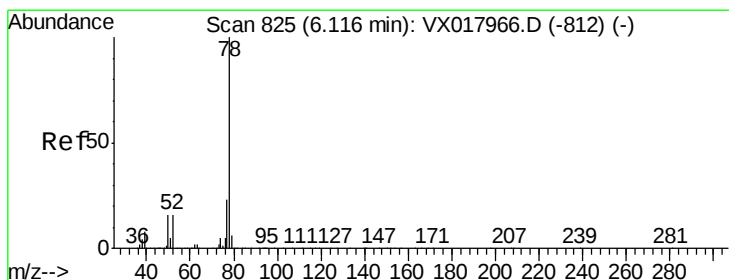
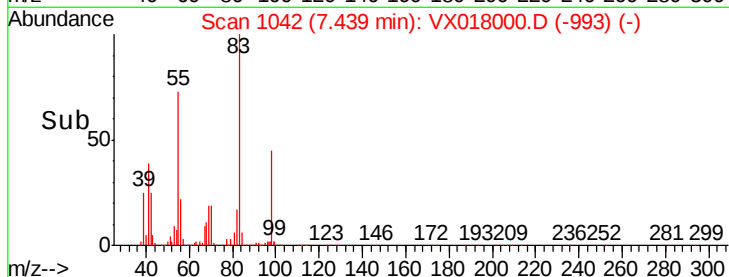
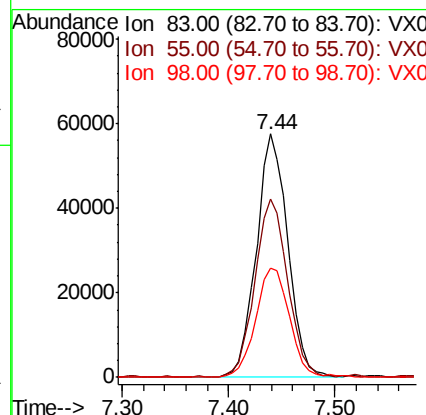
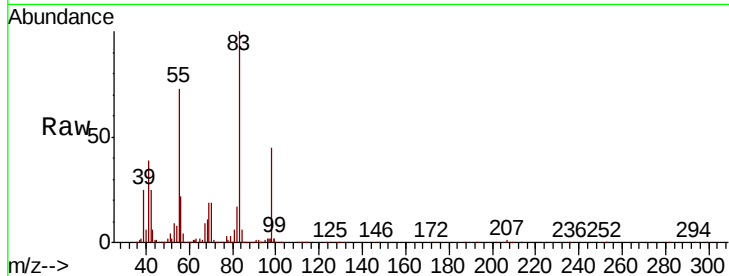




#39
Methylvlcvclohexane
Concen: 17.234 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

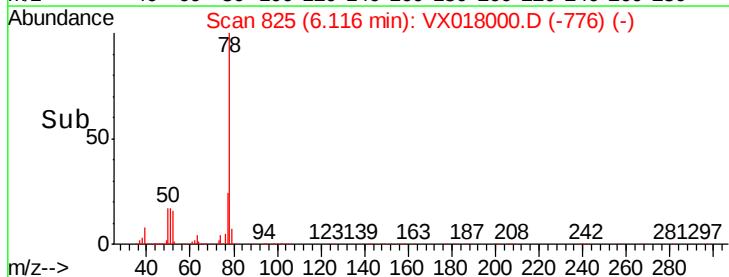
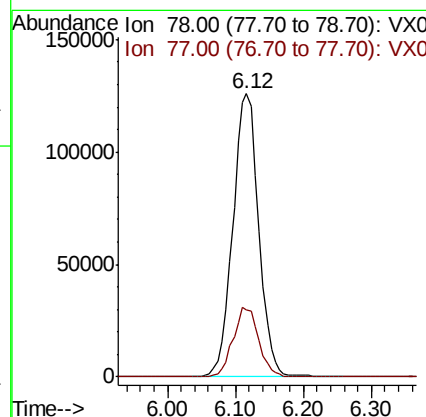
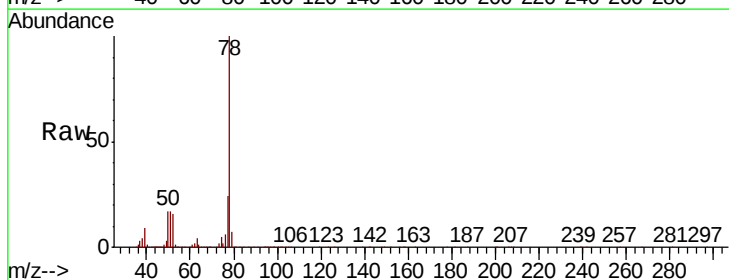
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

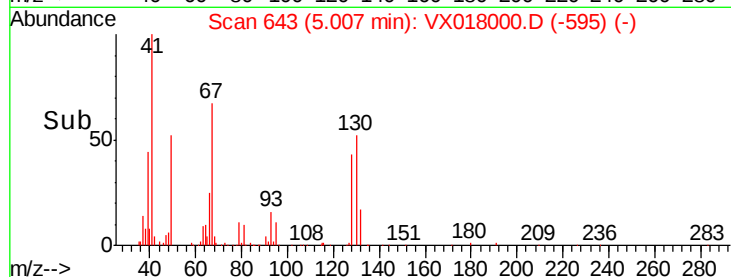
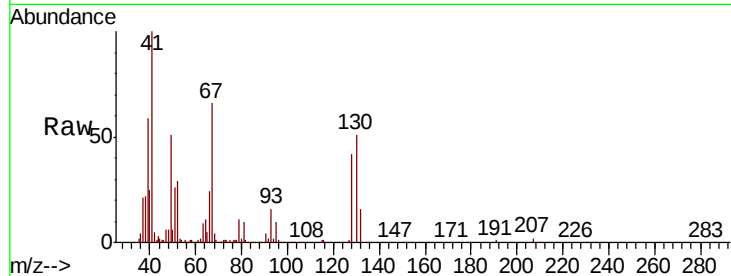
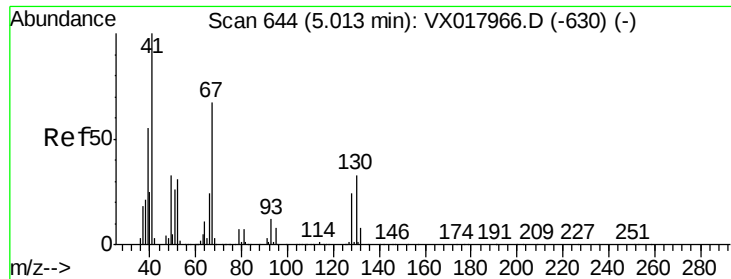
Tot Ion: 83 Resp: 119871
Ion Ratio Lower Upper
83 100
55 73.0 64.5 96.7
98 44.8 39.0 58.6



#40
Benzene
Concen: 19.636 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 78 Resp: 331595
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

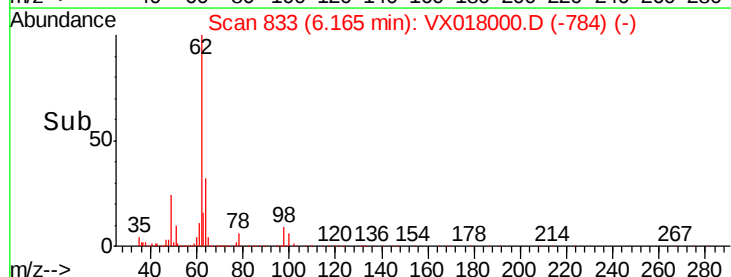
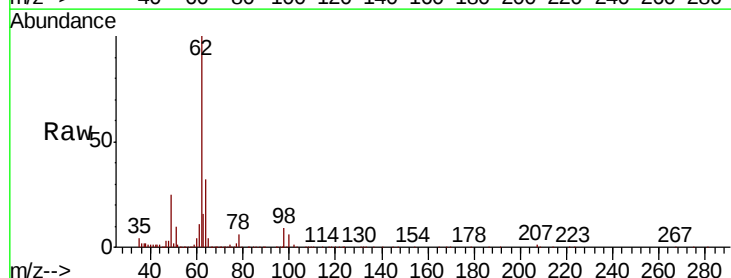
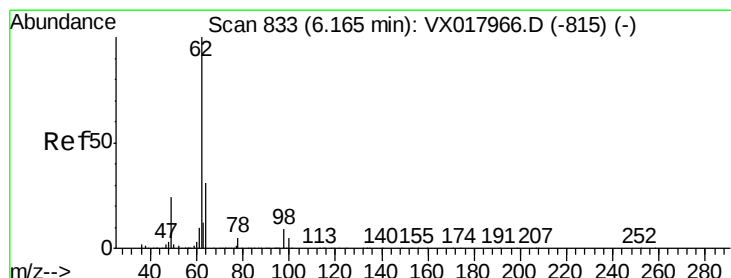
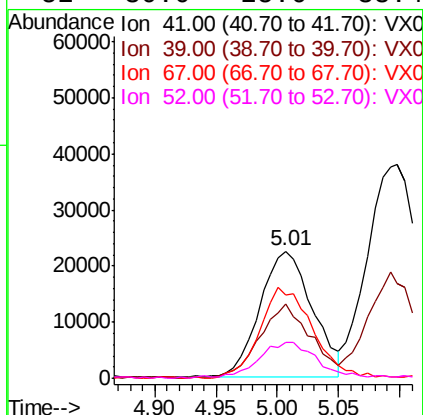




#41
Methacrylonitrile
Concen: 17.643 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

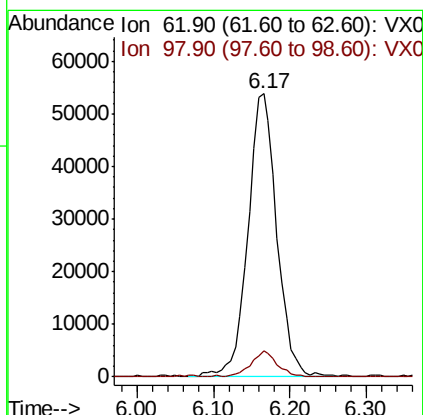
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

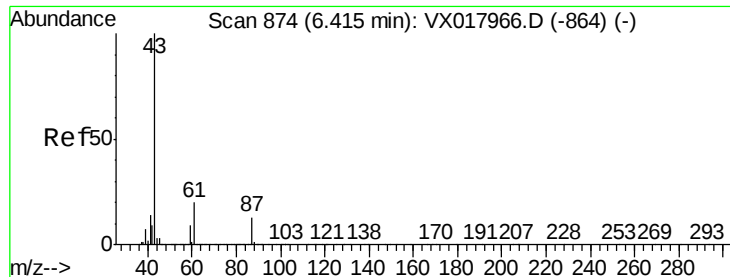
Tot Ion:	41	Resp:	67841
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.8	67.2
67	71.7	57.5	86.3
52	30.0	25.6	38.4



#42
1,2-Dichloroethane
Concen: 19.730 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion:	62	Resp:	141533
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



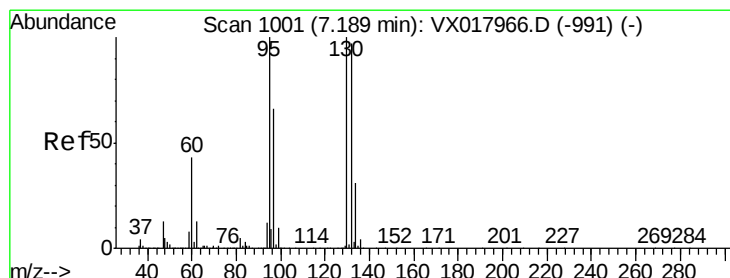
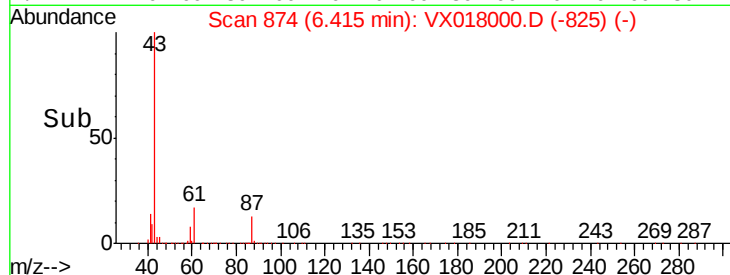
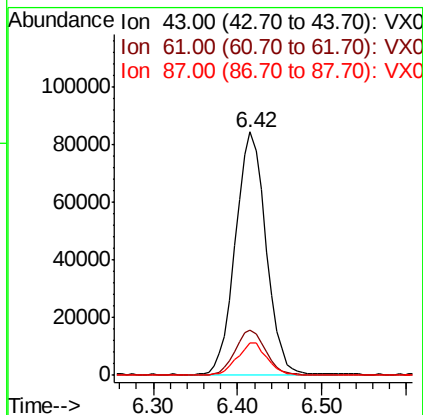
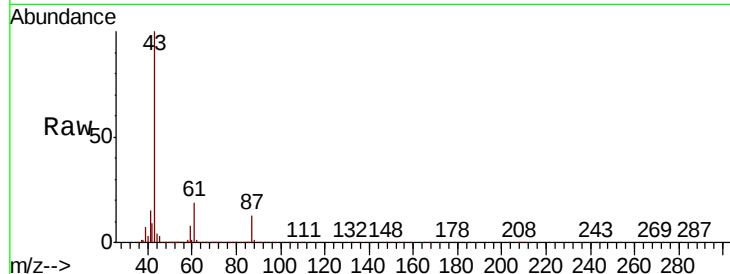


#43

Isopropyl Acetate
 Concen: 19.097 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0819WBSD02

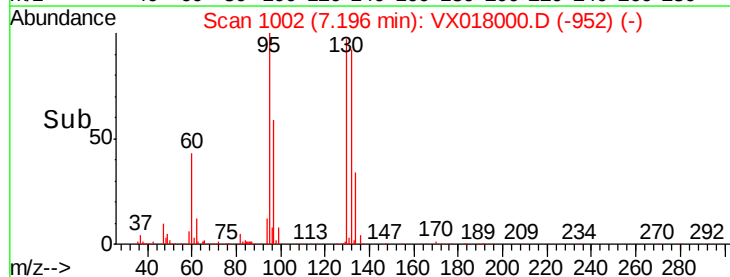
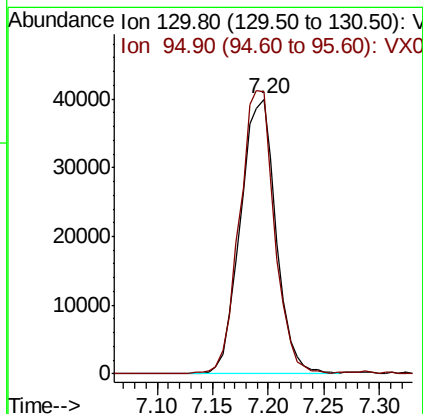
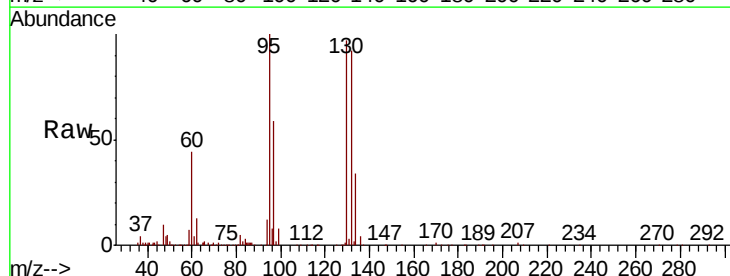
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	16.2	24.4
87	13.2	10.8	16.2

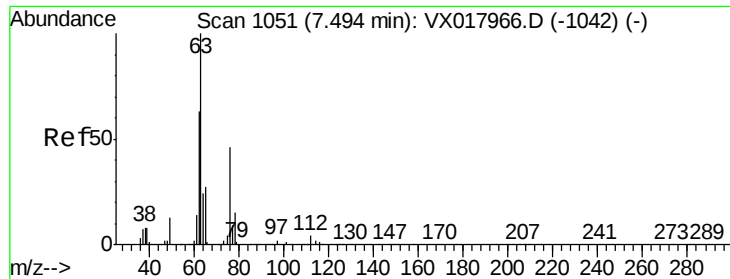


#44

Trichloroethene
 Concen: 17.715 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	200.6





#45

1,2-Dichloropropane

Concen: 17.865 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

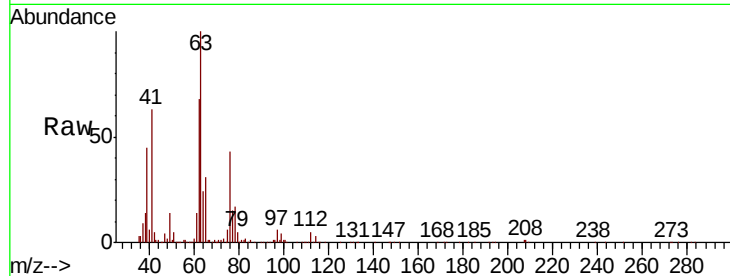
VX0819WBSD02

Tot Ion: 63 Resp: 86441

Ion Ratio Lower Upper

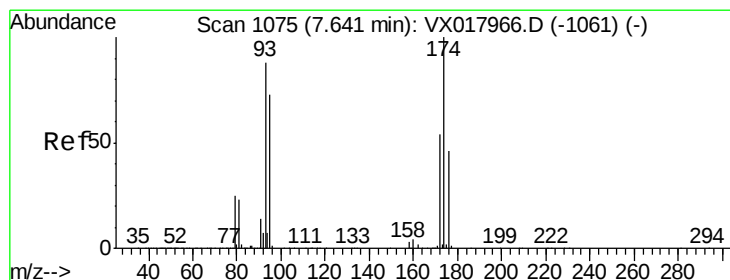
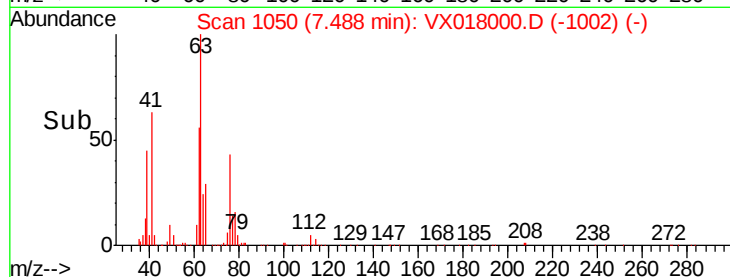
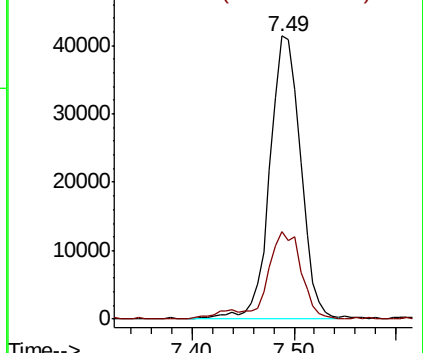
63 100

65 30.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.414 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

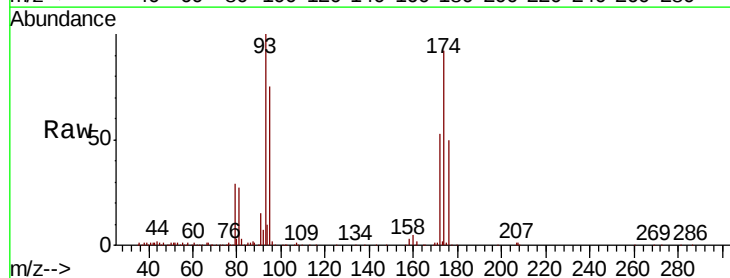
Tgt Ion: 93 Resp: 58806

Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

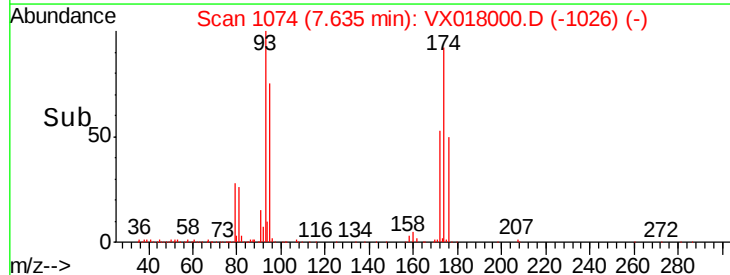
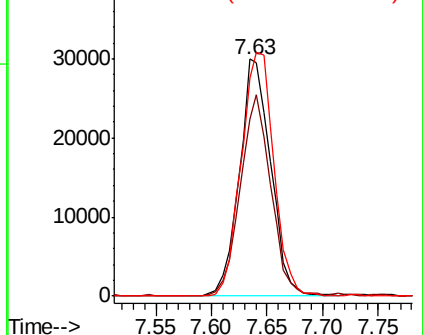
174 106.7 88.3 132.5

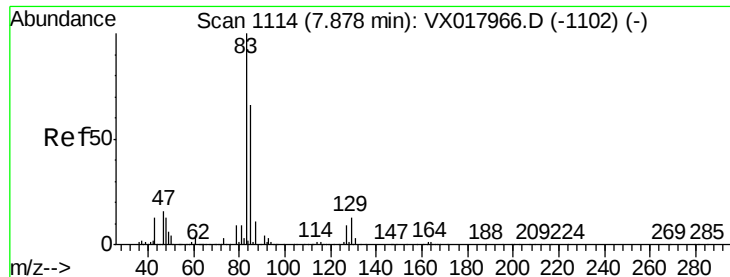


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.738 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

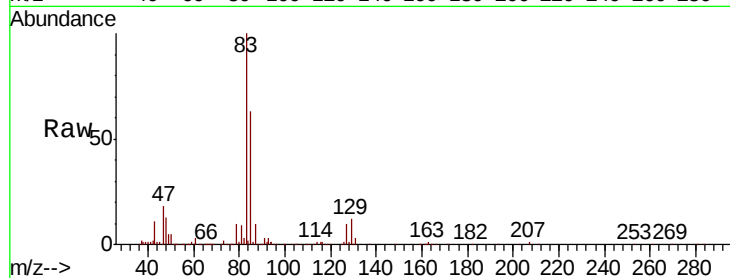
Tot Ion: 83 Resp: 130035

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

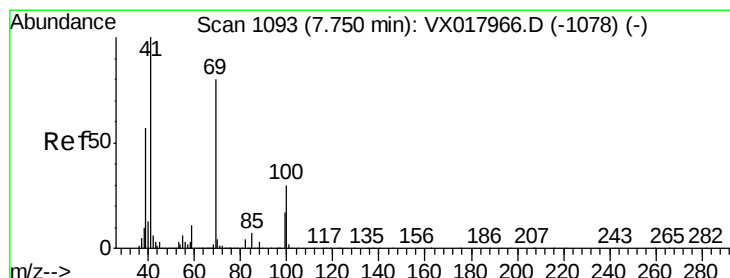
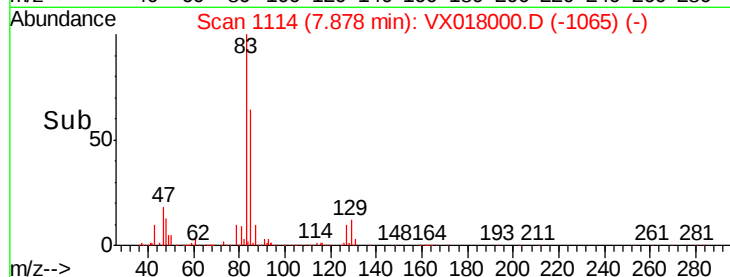
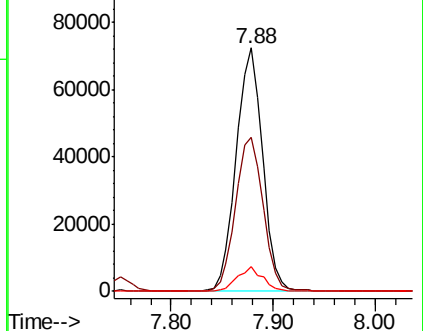
127 10.1 7.0 10.6



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: 16.789 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

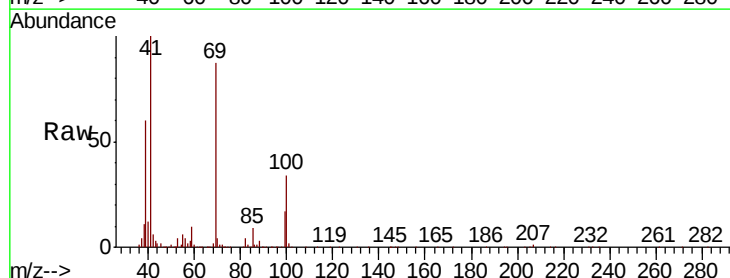
Tgt Ion: 41 Resp: 90133

Ion Ratio Lower Upper

41 100

69 84.6 64.3 96.5

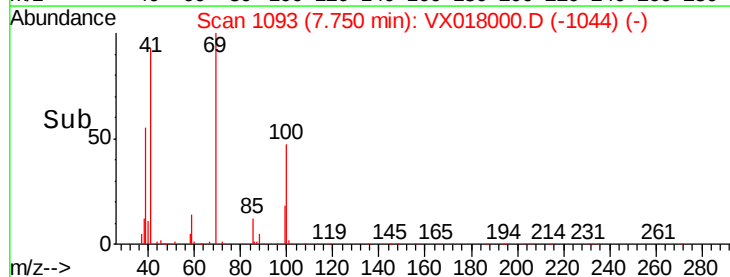
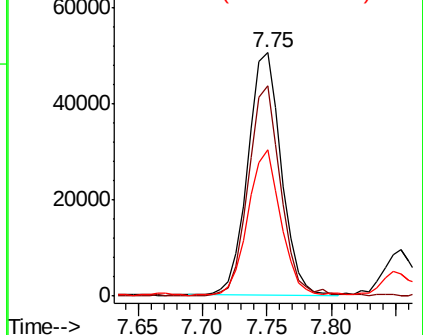
39 58.4 45.3 67.9

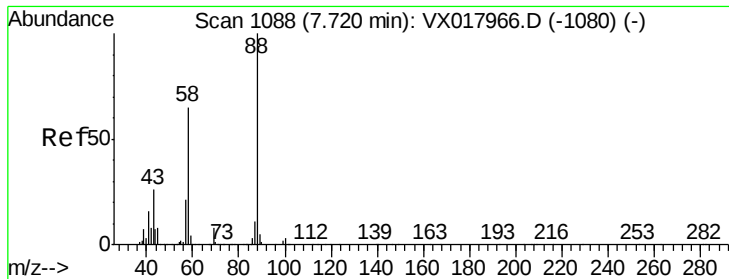


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 294.539 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

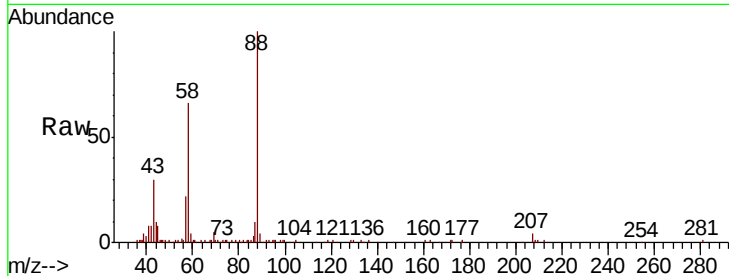
Tot Ion: 88 Resp: 32373

Ion Ratio Lower Upper

88 100

43 36.5 27.3 40.9

58 75.7 57.7 86.5

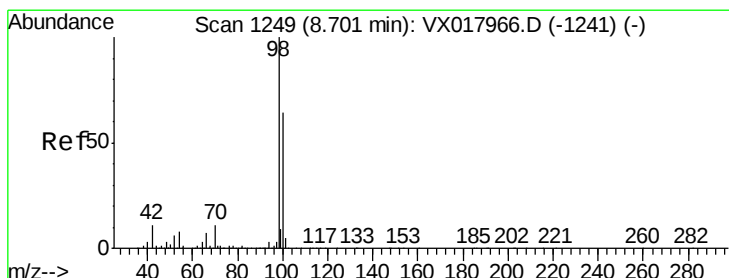
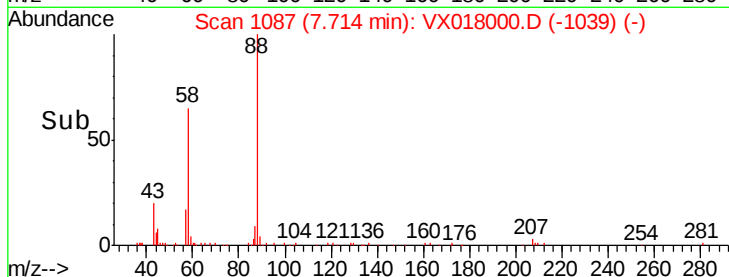
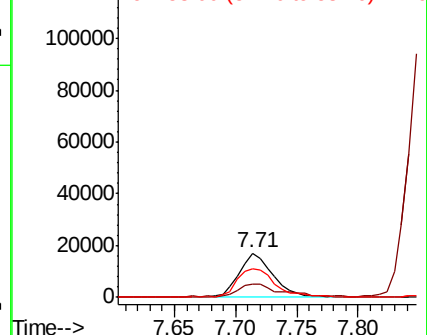


Abundance

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: 45.159 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018000.D

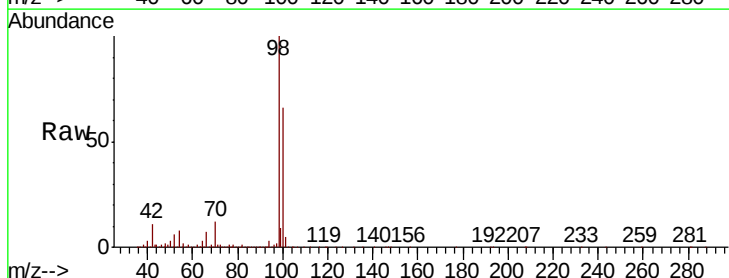
Acq: 19 Aug 2020 22:32

Tgt Ion: 98 Resp: 796288

Ion Ratio Lower Upper

98 100

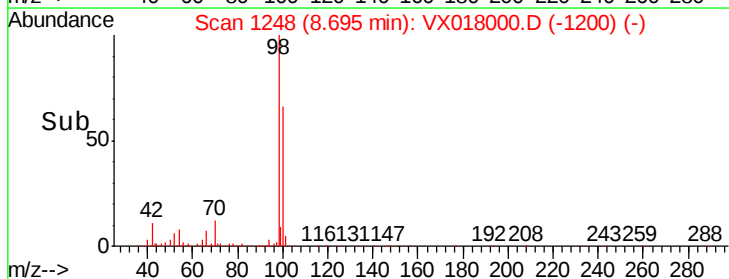
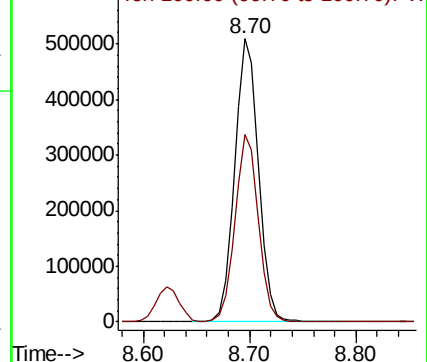
100 65.1 51.4 77.2

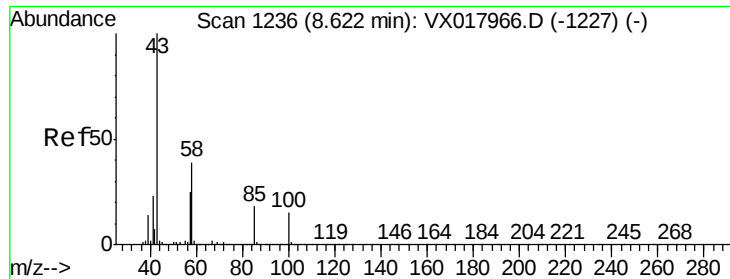


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

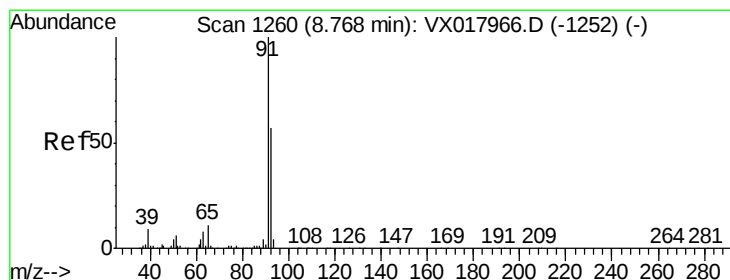
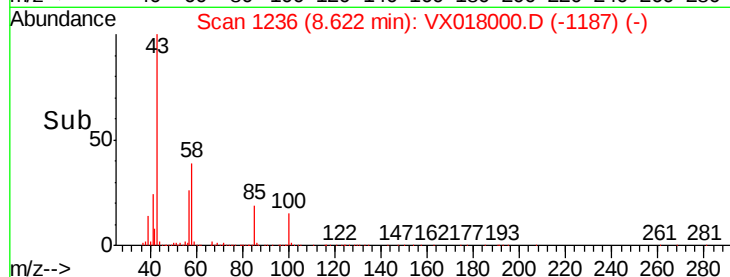
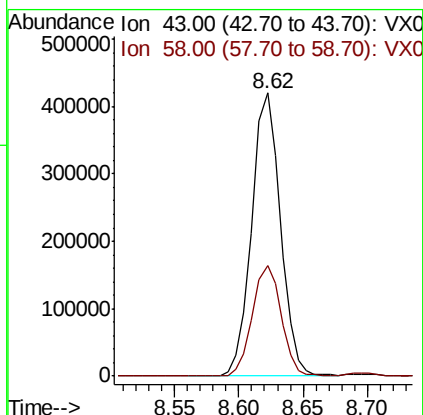
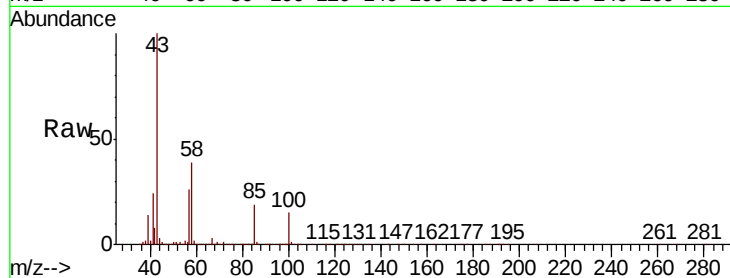




#51
4-Methyl-2-Pentanone
Concen: 88.208 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

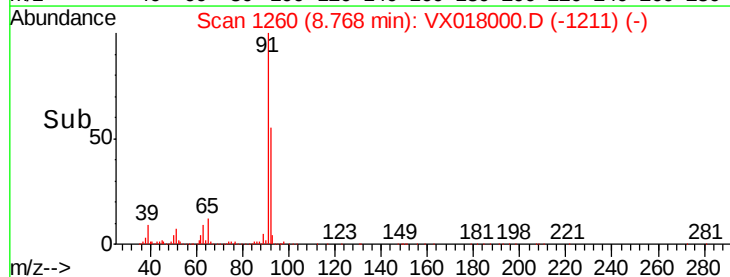
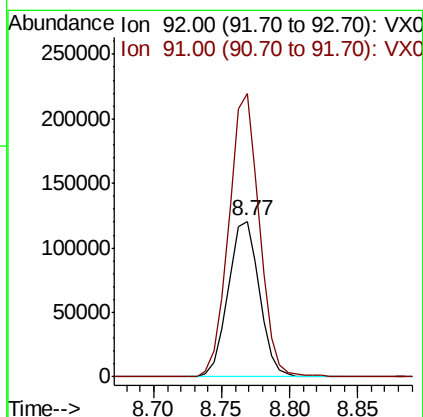
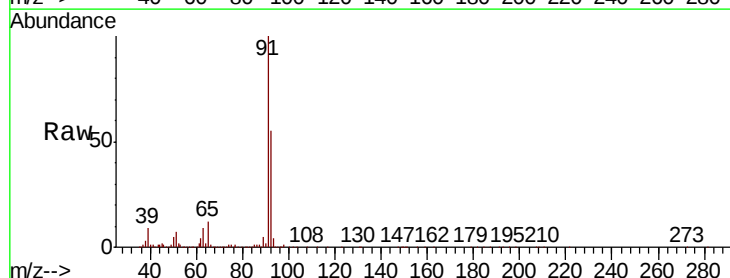
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

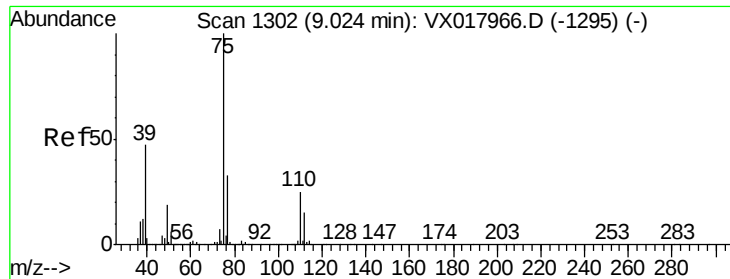
Tot Ion: 43 Resp: 643168
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.4



#52
Toluene
Concen: 17.394 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 92 Resp: 192176
Ion Ratio Lower Upper
92 100
91 178.3 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 16.918 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

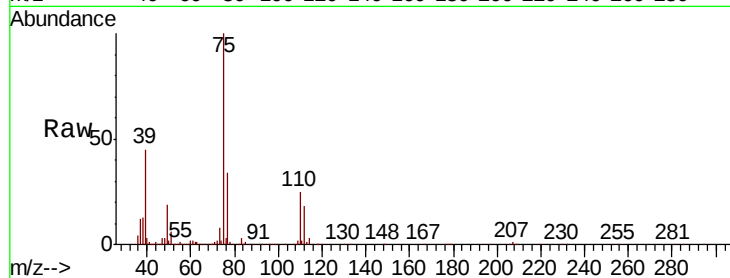
VX0819WBSD02

Tot Ion: 75 Resp: 131176

Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

100000

80000

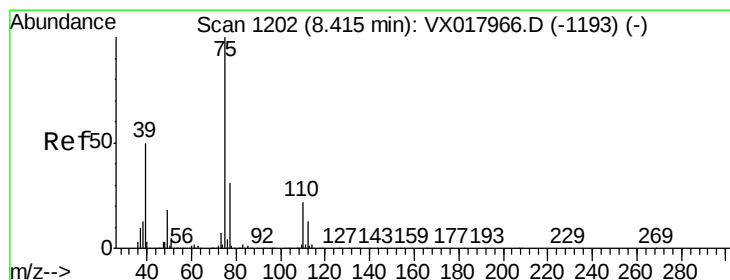
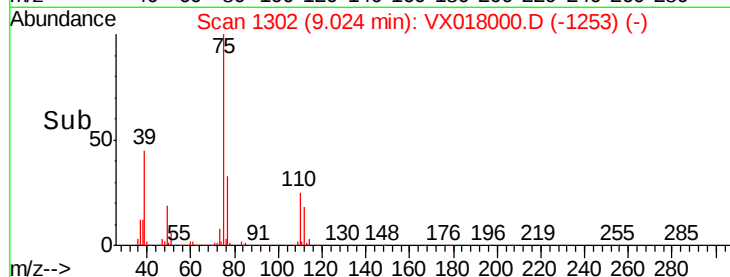
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 17.294 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

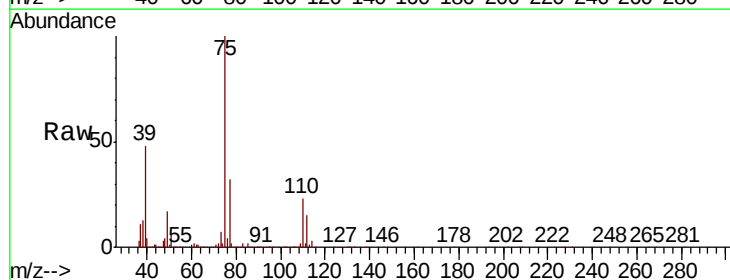
Tgt Ion: 75 Resp: 139811

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 48.2 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

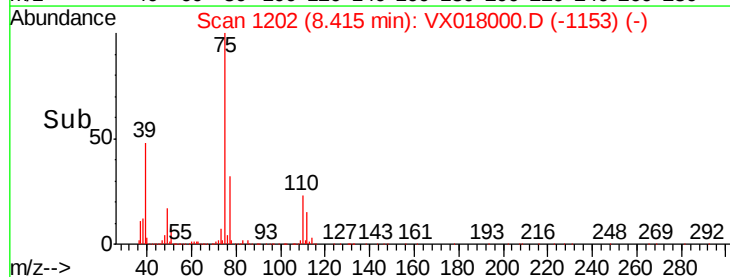
60000

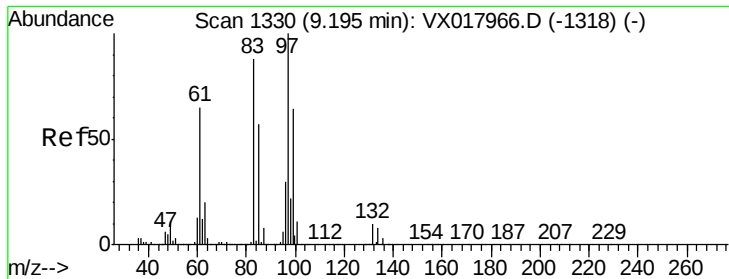
40000

20000

0

Time--> 8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 17.714 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 97 Resp: 89912

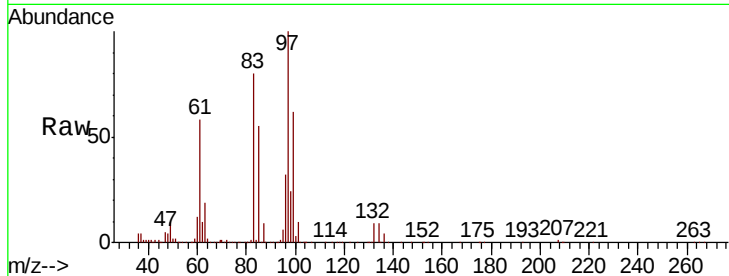
Ion Ratio Lower Upper

97 100

83 80.4 70.1 105.1

85 54.4 45.8 68.8

99 61.6 51.4 77.2



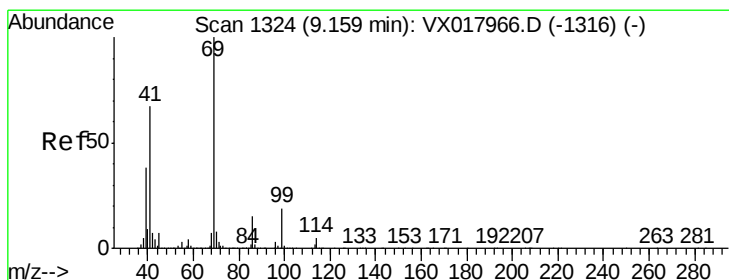
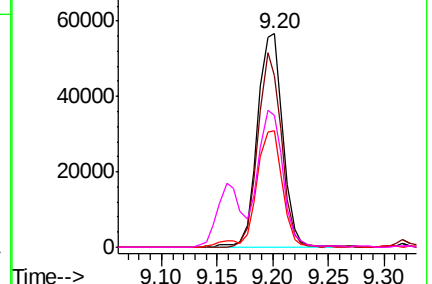
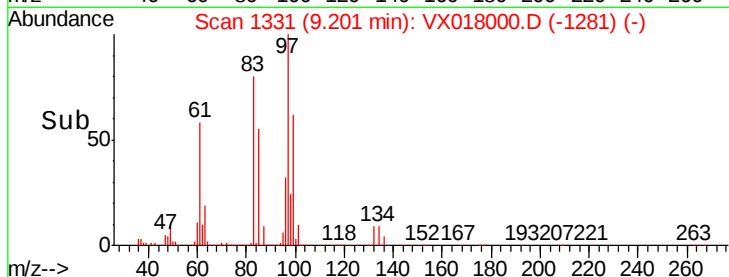
Abundance

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: 17.602 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

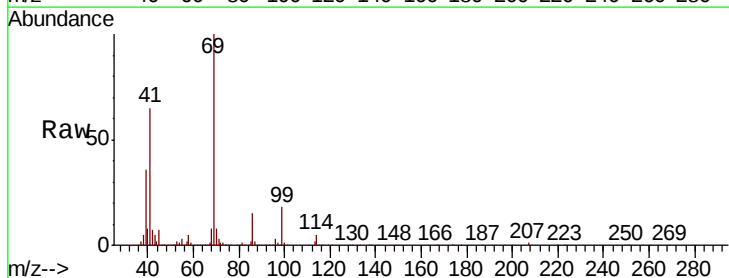
Tgt Ion: 69 Resp: 126321

Ion Ratio Lower Upper

69 100

41 64.5 52.3 78.5

39 38.2 29.2 43.8

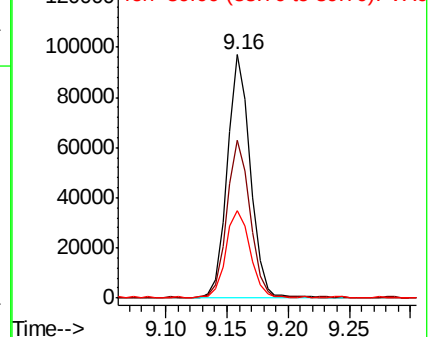
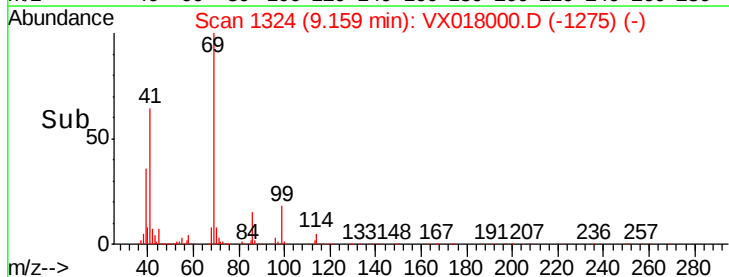


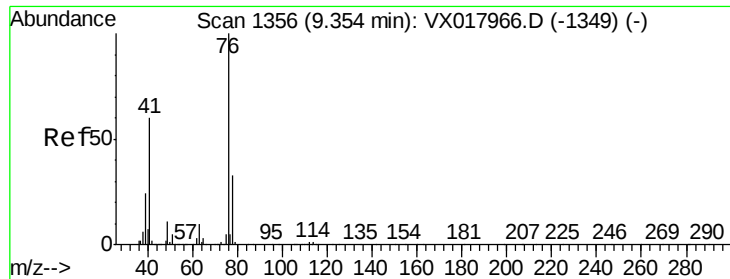
Abundance

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: 17.799 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

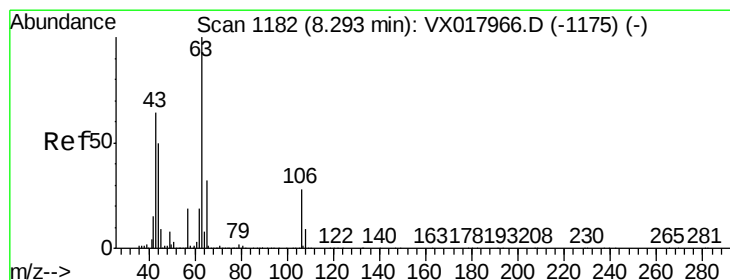
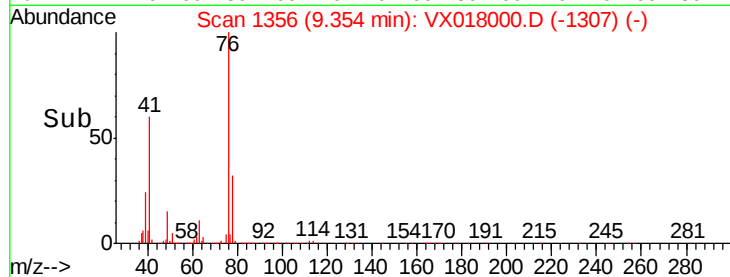
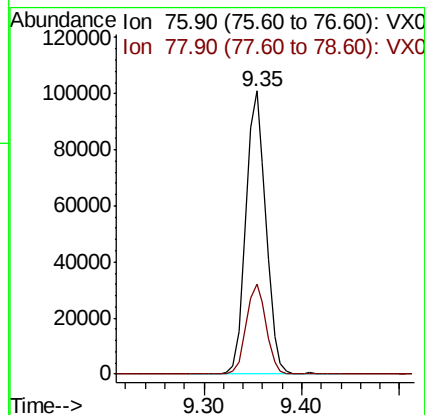
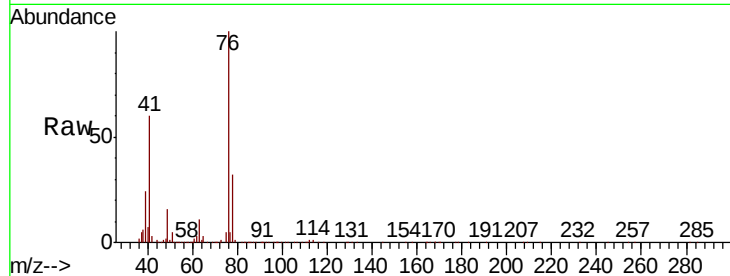
VX0819WBSD02

Tot Ion: 76 Resp: 143478

Ion Ratio Lower Upper

76 100

78 31.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 81.371 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018000.D

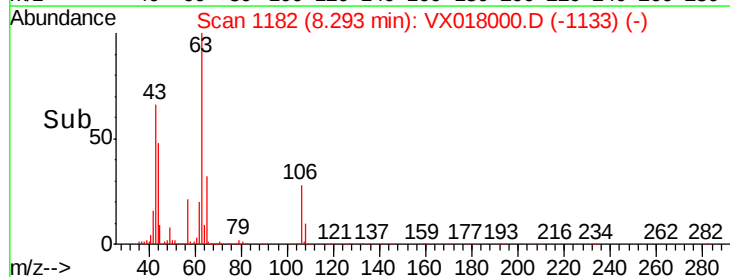
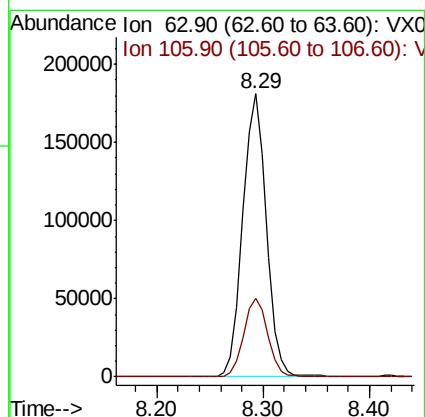
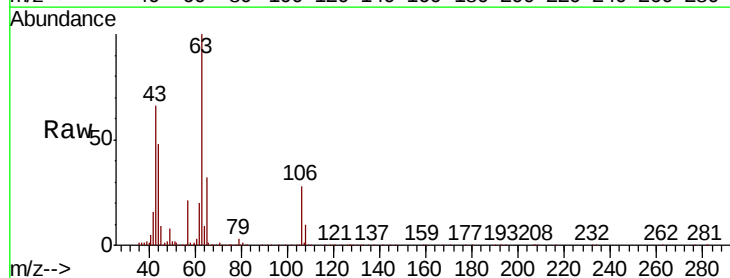
Acq: 19 Aug 2020 22:32

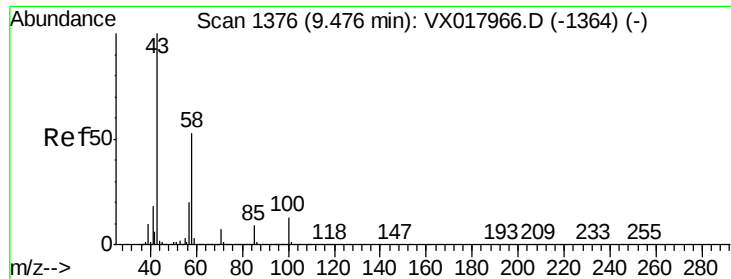
Tgt Ion: 63 Resp: 282785

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.4

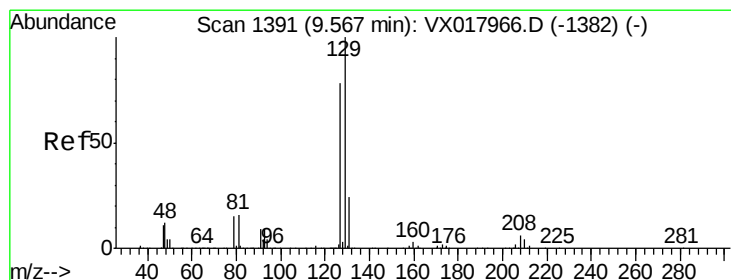
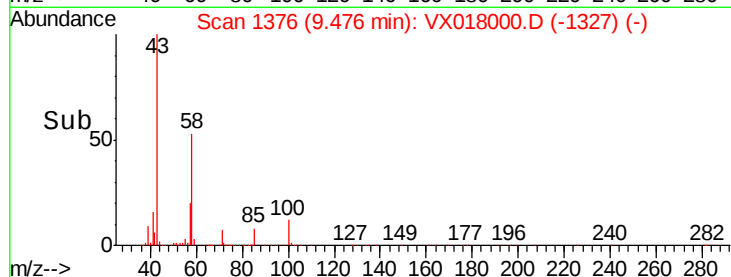
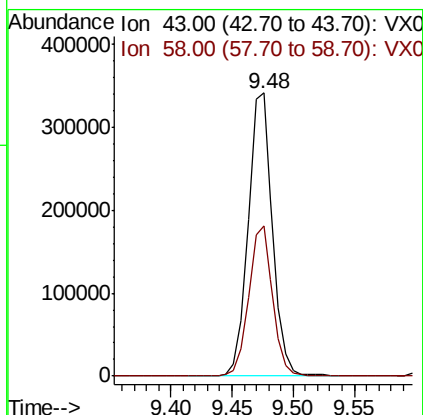
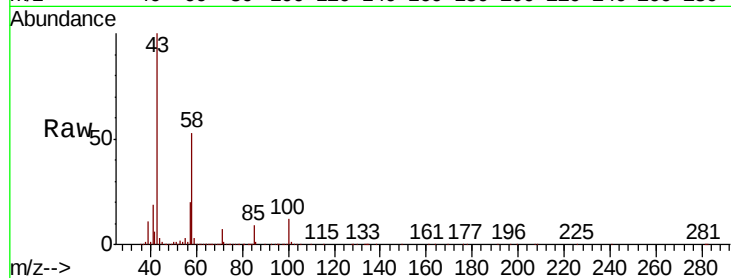




#59
2-Hexanone
Concen: 84.873 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

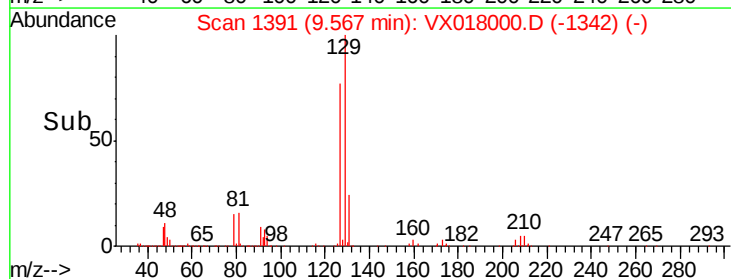
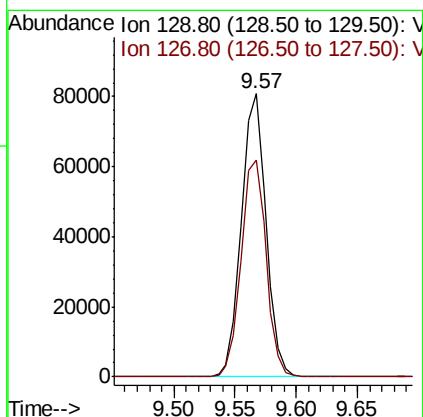
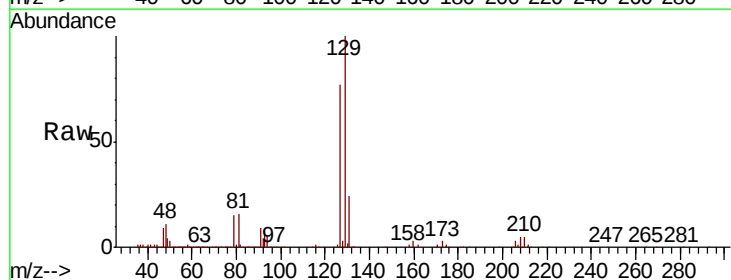
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

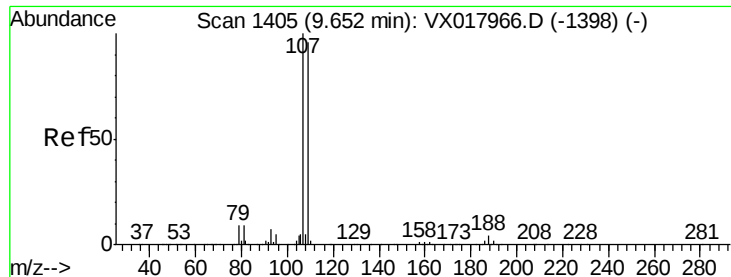
Tot Ion: 43 Resp: 468926
Ion Ratio Lower Upper
43 100
58 52.6 26.4 79.0



#60
Dibromochloromethane
Concen: 17.841 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 129 Resp: 113099
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.3





#61

1,2-Dibromoethane

Concen: 16.662 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

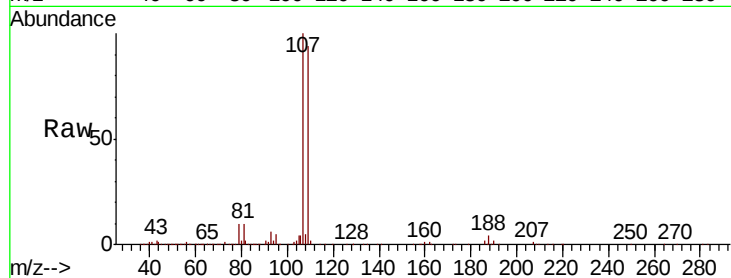
VX0819WBSD02

Tot Ion:107 Resp: 93678

Ion Ratio Lower Upper

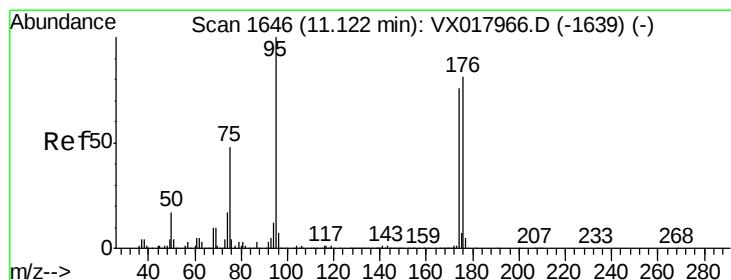
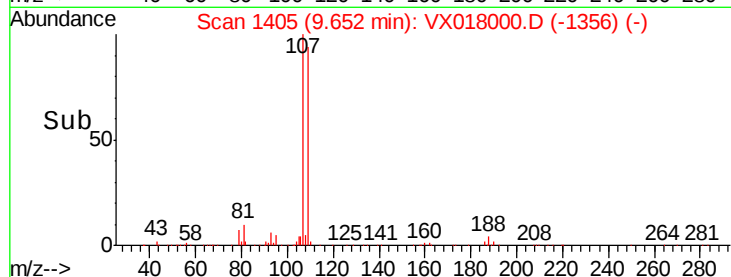
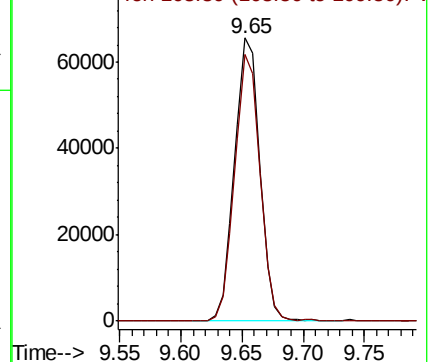
107 100

109 94.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.337 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

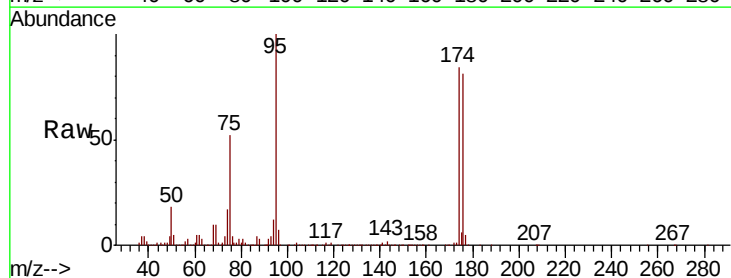
Tgt Ion: 95 Resp: 321315

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.0

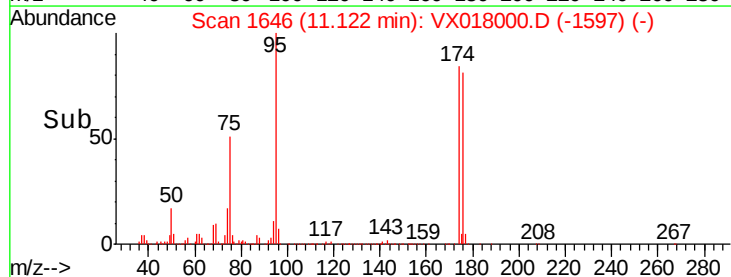
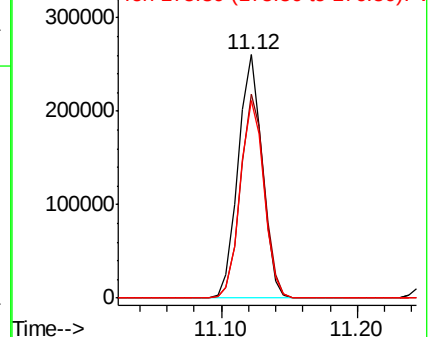
176 80.3 0.0 161.0

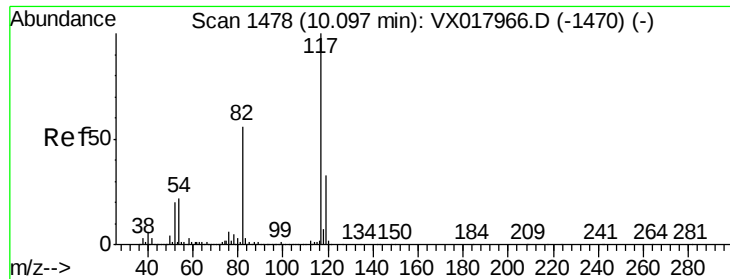


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

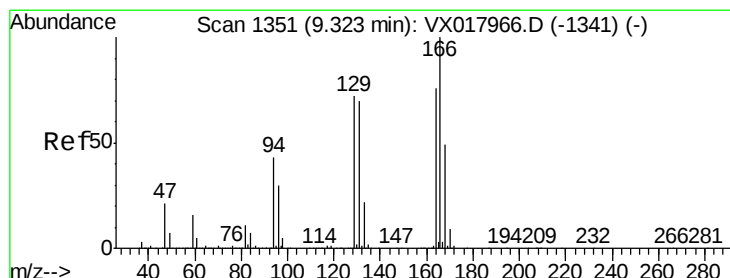
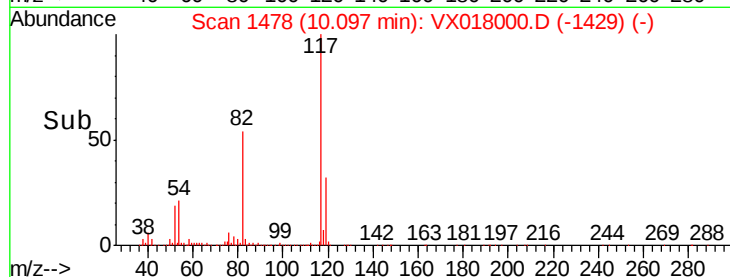
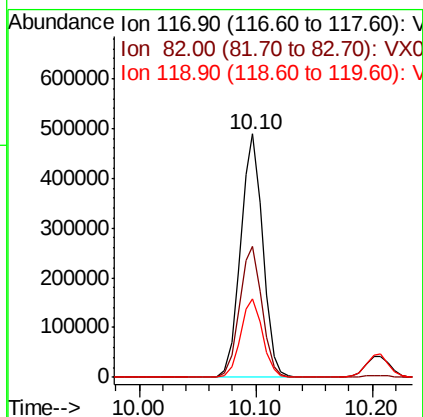
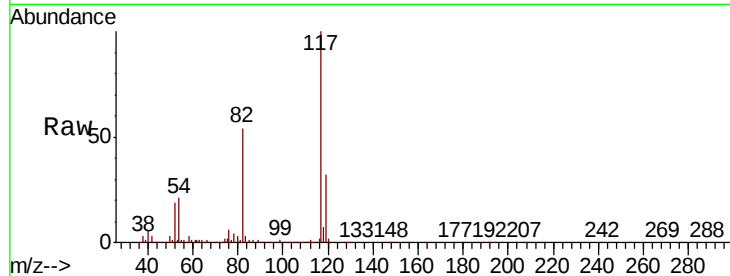




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

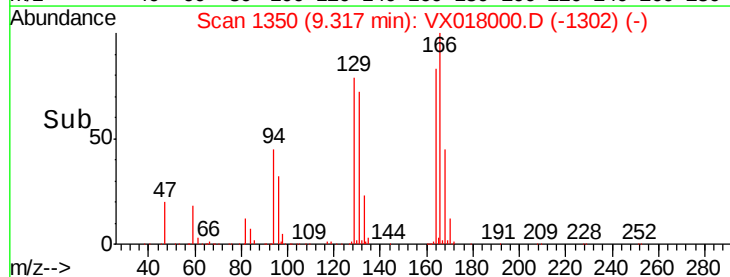
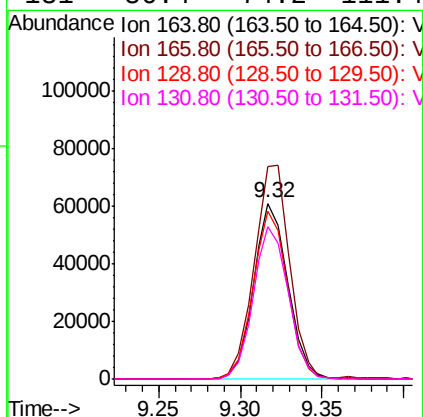
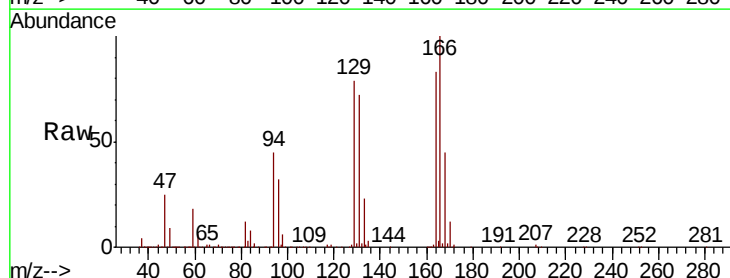
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

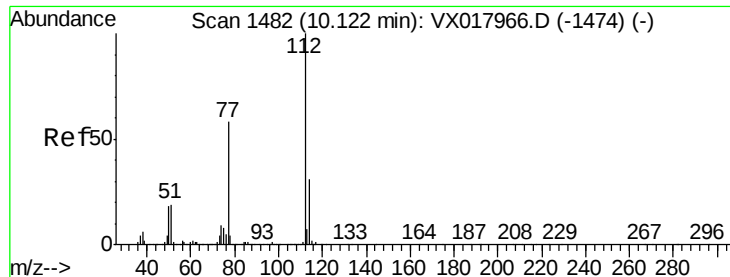
Tot Ion:117 Resp: 648678
Ion Ratio Lower Upper
117 100
82 53.9 44.6 66.8
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 17.886 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion:164 Resp: 88603
Ion Ratio Lower Upper
164 100
166 120.9 105.7 158.5
129 95.1 75.8 113.8
131 86.4 74.2 111.4





#65

Chlorobenzene

Concen: 17.846 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

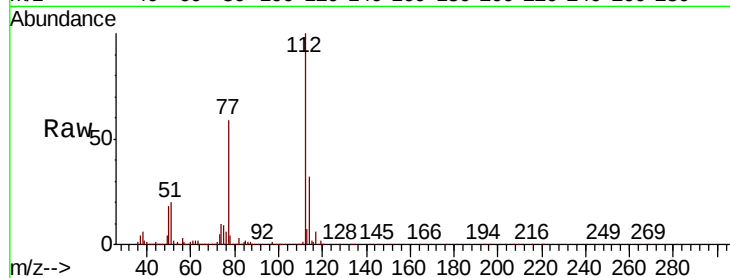
VX0819WBSD02

Tot Ion:112 Resp: 229789

Ion Ratio Lower Upper

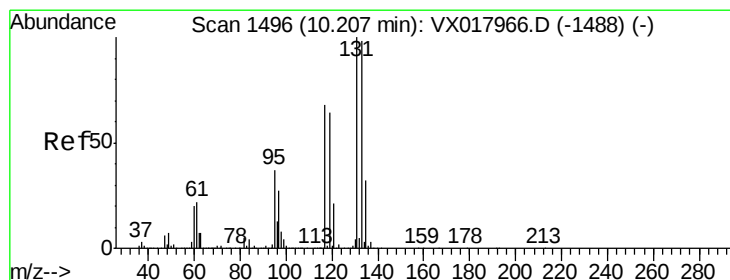
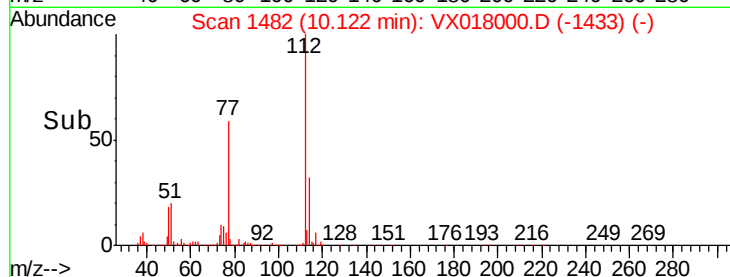
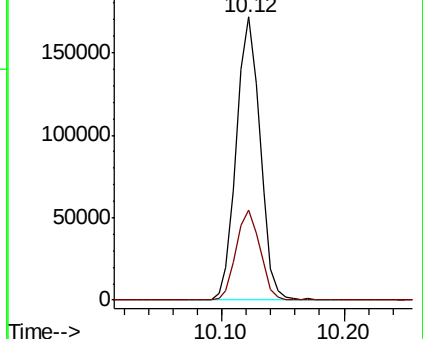
112 100

114 31.9 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.393 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

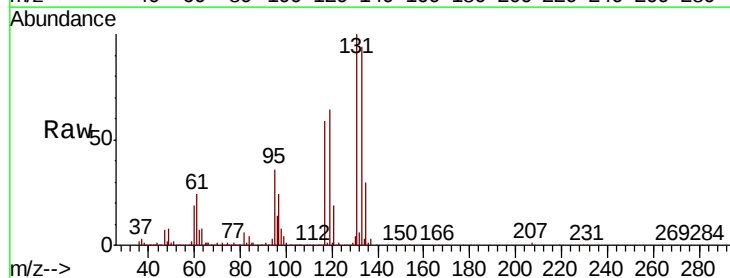
Tgt Ion:131 Resp: 100183

Ion Ratio Lower Upper

131 100

133 91.1 48.4 145.3

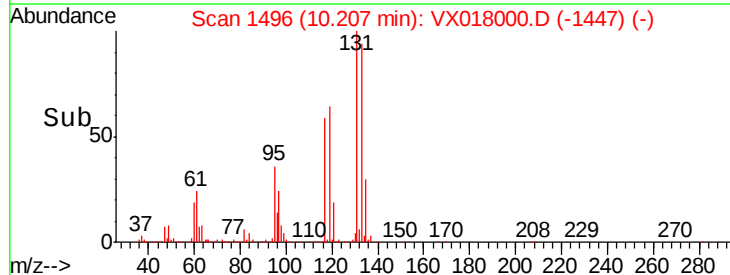
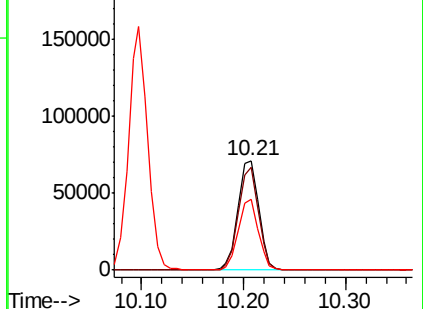
119 62.1 31.6 94.8

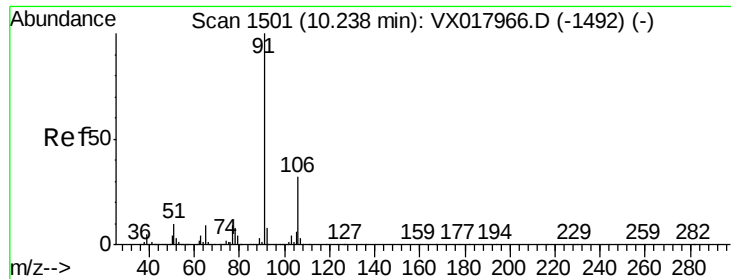


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.049 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

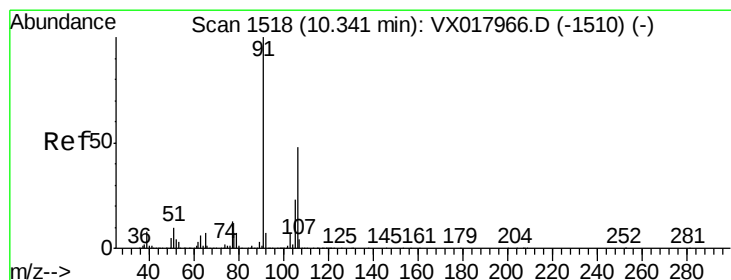
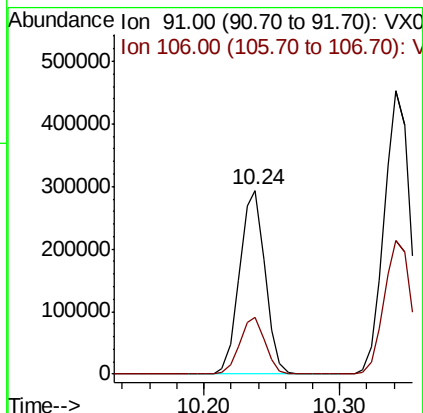
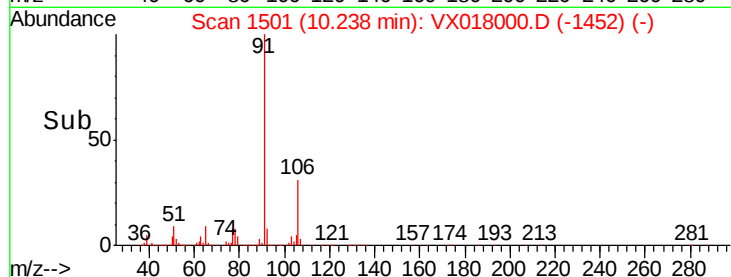
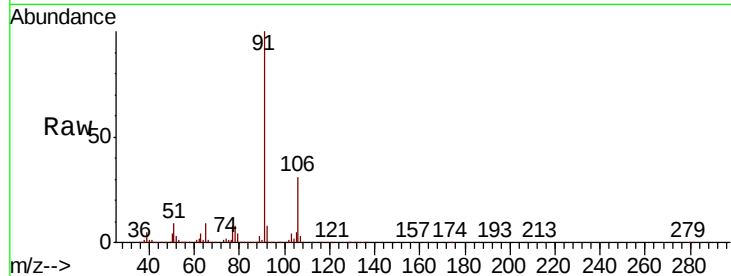
VX0819WBSD02

Tot Ion: 91 Resp: 383113

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0



#68

m/p-Xylenes

Concen: 36.174 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018000.D

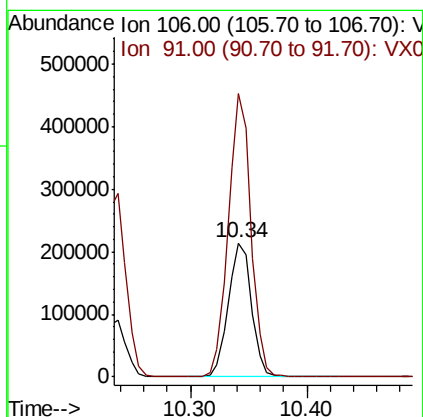
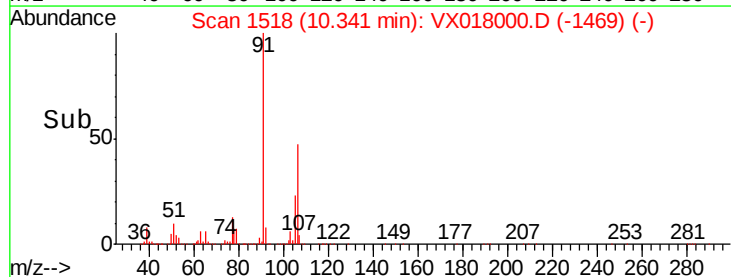
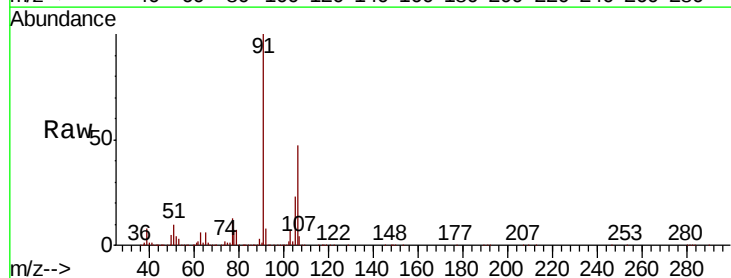
Acq: 19 Aug 2020 22:32

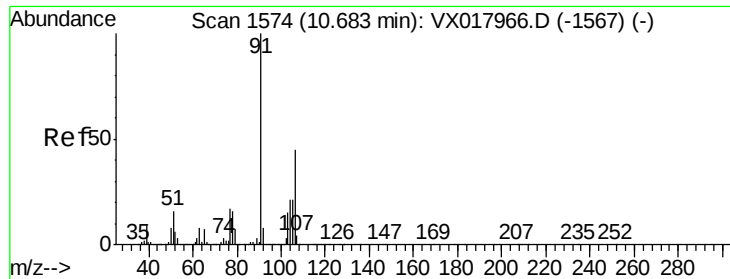
Tgt Ion: 106 Resp: 295615

Ion Ratio Lower Upper

106 100

91 206.6 167.4 251.2

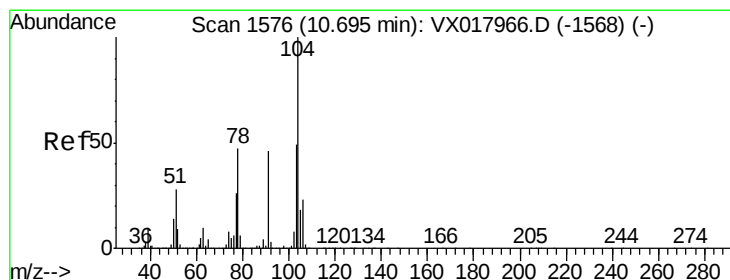
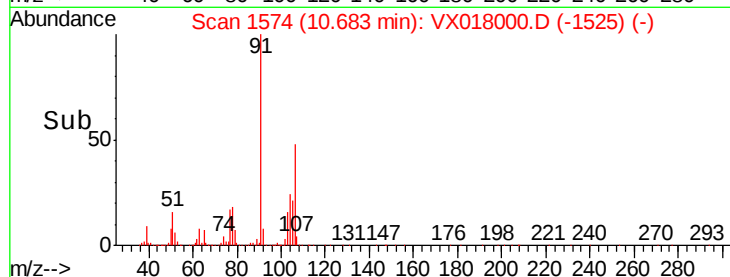
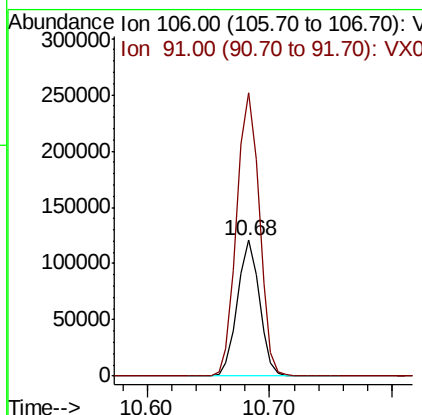
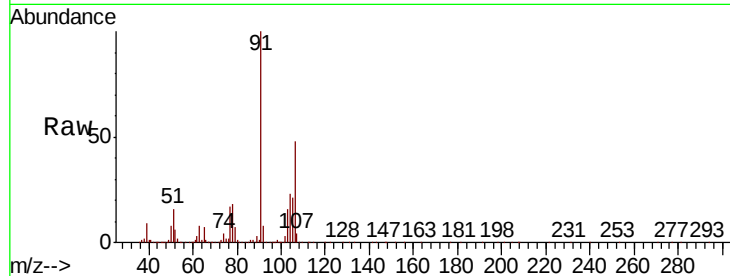




#69
o-Xylene
Concen: 19.161 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

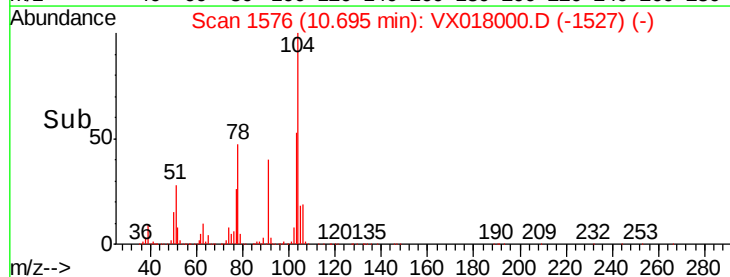
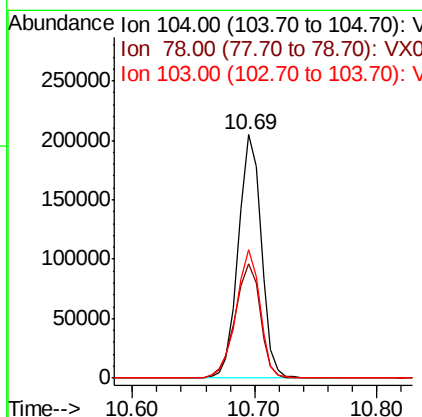
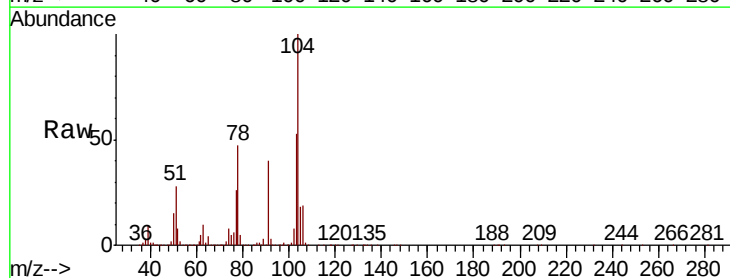
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

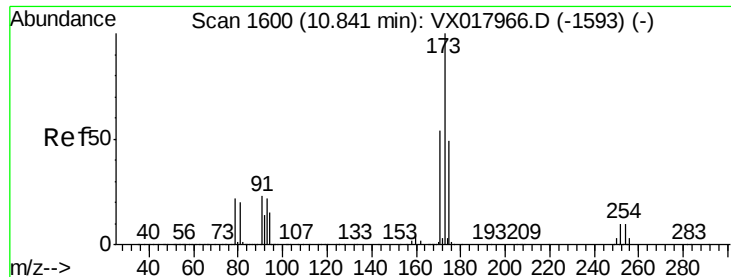
Tot Ion:106 Resp: 150996
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.2



#70
Styrene
Concen: 19.575 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion:104 Resp: 266126
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.8 42.9 64.3





#71

Bromoform

Concen: 17.591 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

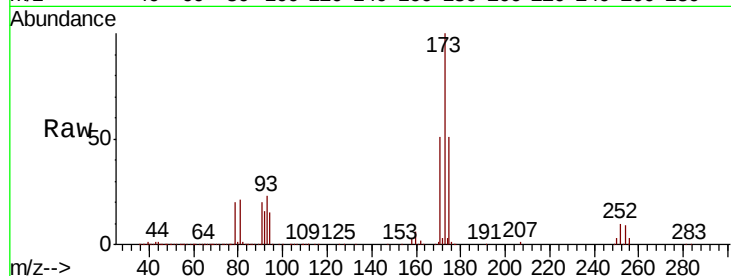
Tot Ion:173 Resp: 85999

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

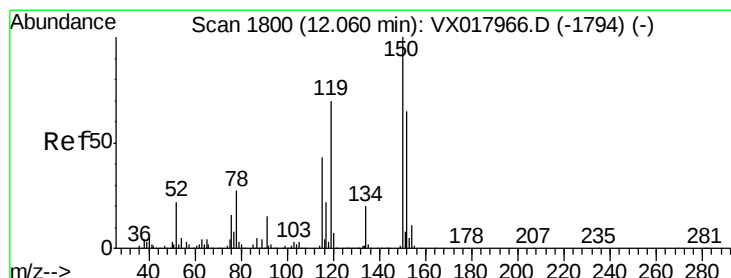
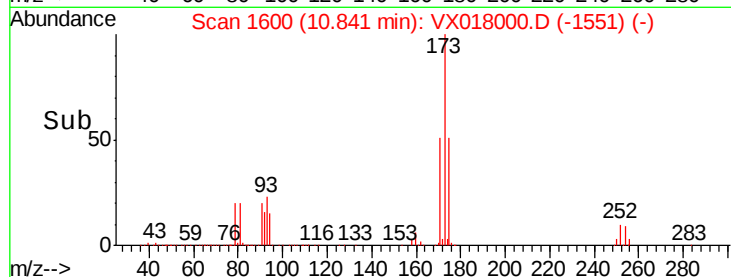
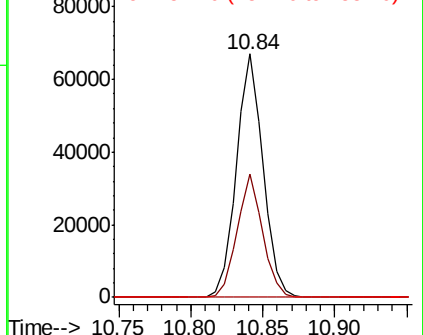
254 0.2 0.2 0.2



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: VX018000.D

Acq: 19 Aug 2020 22:32

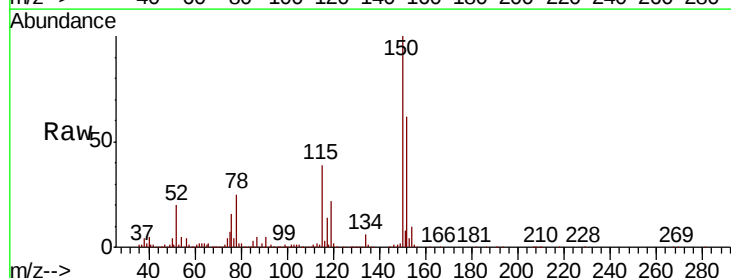
Tgt Ion:152 Resp: 339786

Ion Ratio Lower Upper

152 100

115 67.4 40.6 121.7

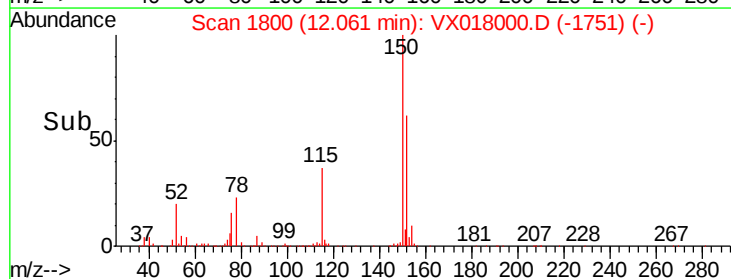
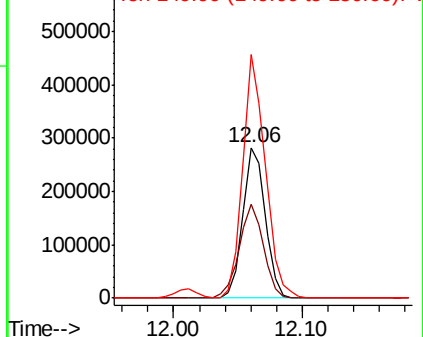
150 162.3 0.0 346.4

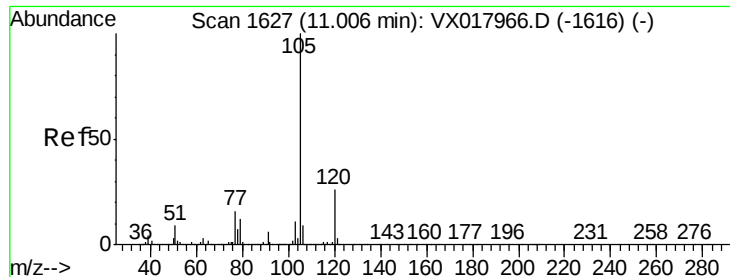


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.774 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

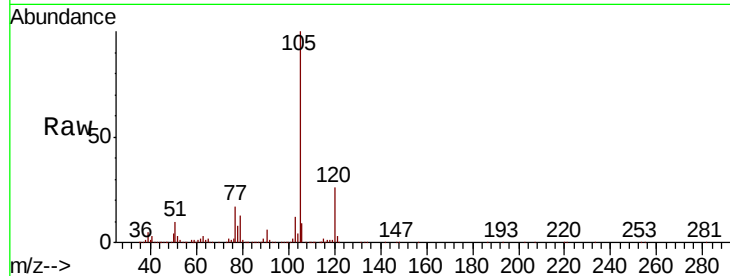
VX0819WBSD02

Tot Ion:105 Resp: 388723

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

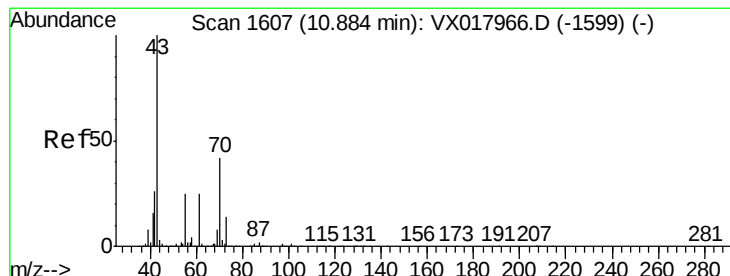
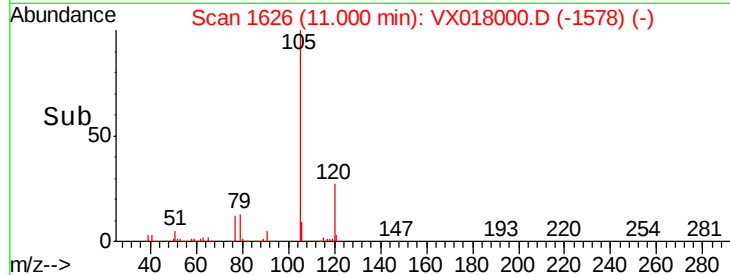
100000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 16.981 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Tgt Ion: 43 Resp: 165191

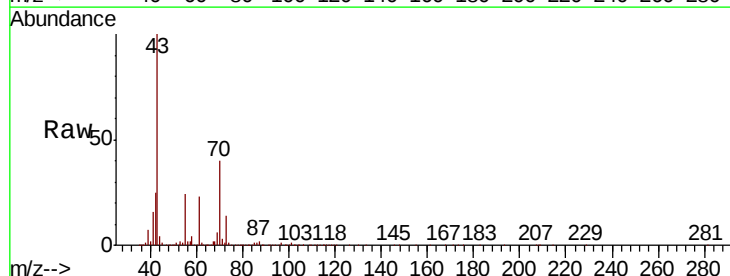
Ion Ratio Lower Upper

43 100

70 41.4 32.9 49.3

55 24.3 19.3 28.9

61 23.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

100000

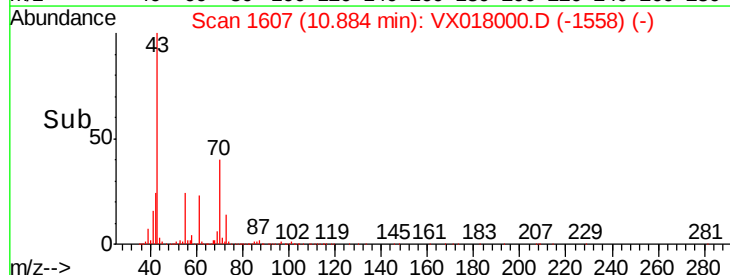
50000

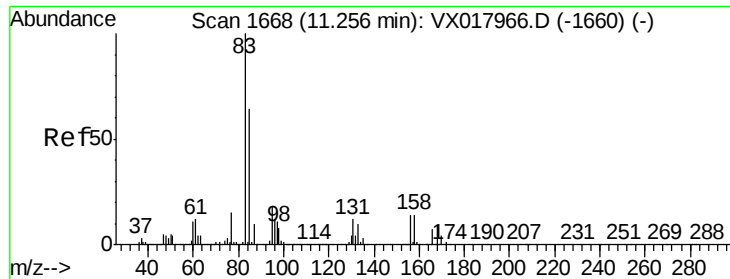
0

10.88

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.203 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

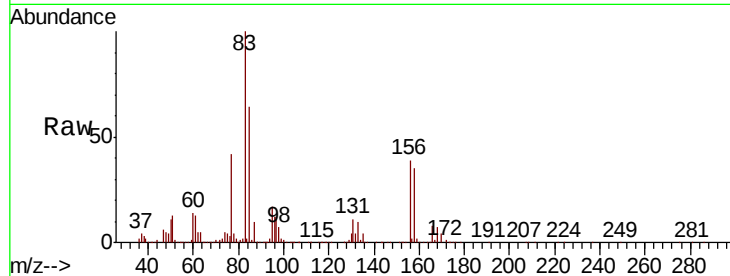
Tot Ion: 83 Resp: 131246

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

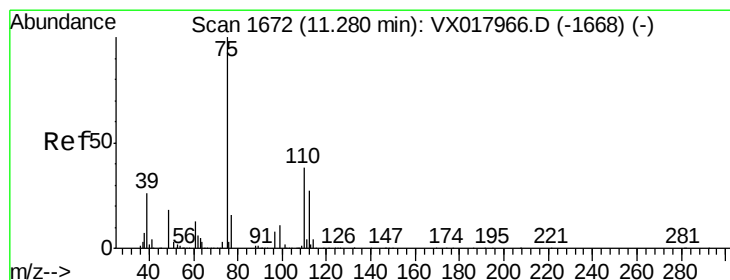
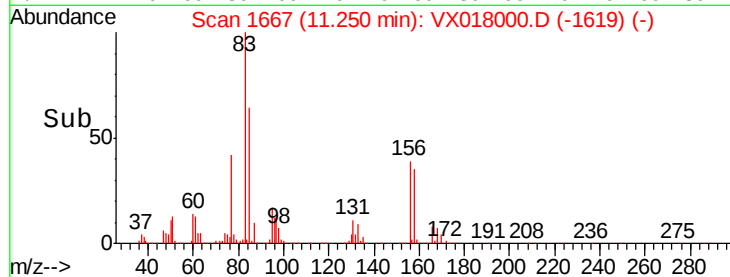
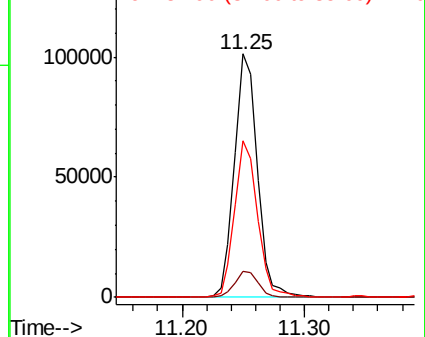
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.980 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018000.D

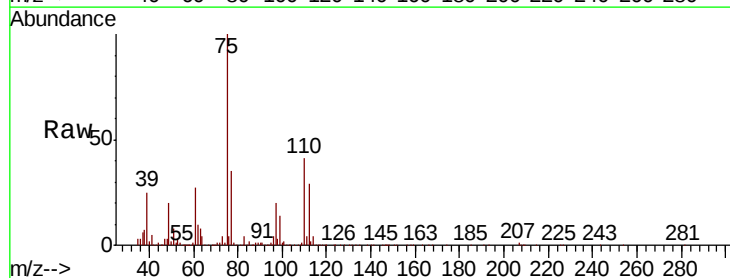
Acq: 19 Aug 2020 22:32

Tgt Ion: 75 Resp: 158829

Ion Ratio Lower Upper

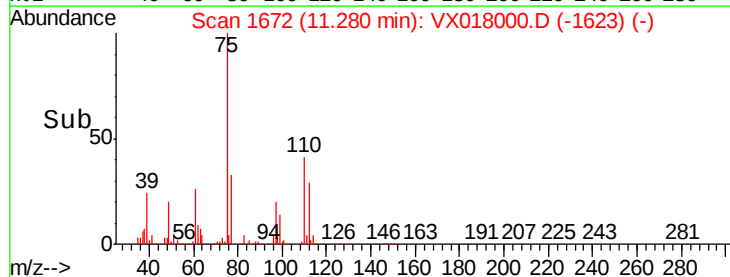
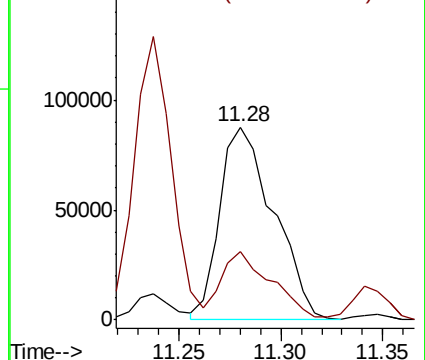
75 100

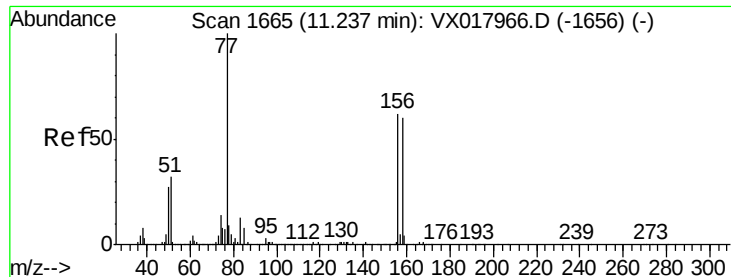
77 33.4 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.962 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

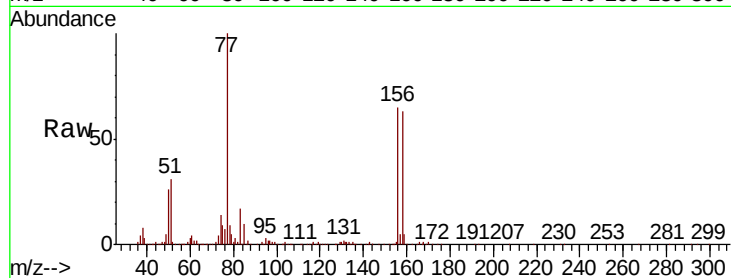
Tot Ion:156 Resp: 108993

Ion Ratio Lower Upper

156 100

77 151.0 78.0 234.0

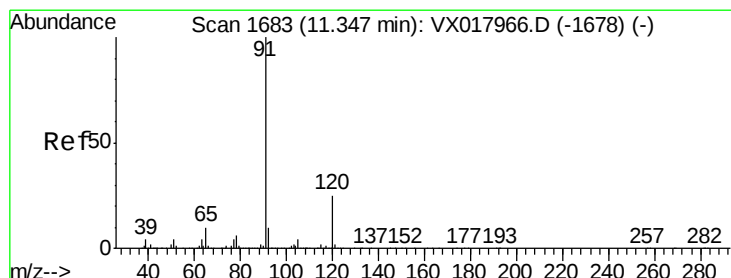
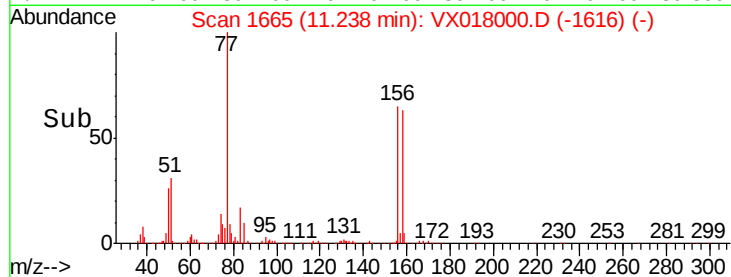
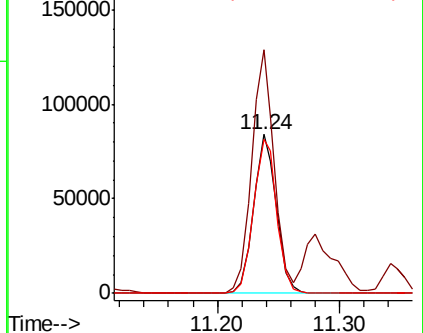
158 99.2 49.2 147.6



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: 17.091 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018000.D

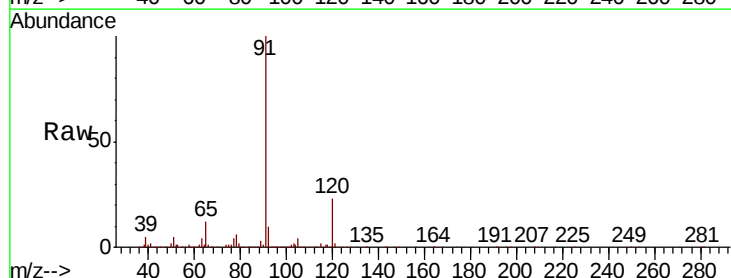
Acq: 19 Aug 2020 22:32

Tgt Ion: 91 Resp: 437177

Ion Ratio Lower Upper

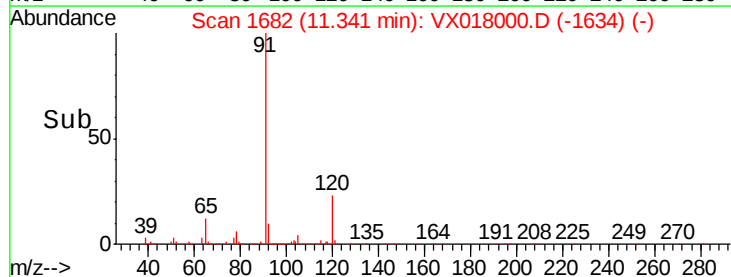
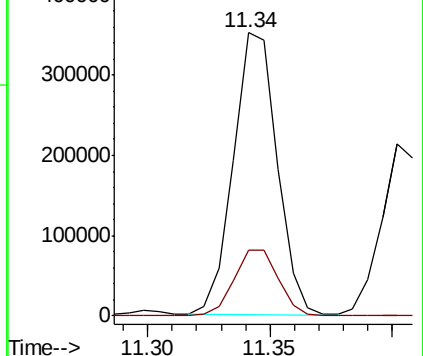
91 100

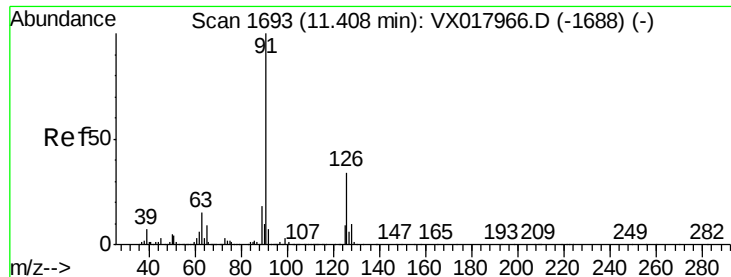
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.121 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

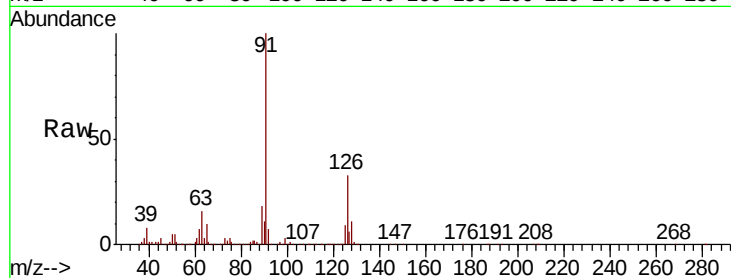
VX0819WBSD02

Tot Ion: 91 Resp: 266904

Ion Ratio Lower Upper

91 100

126 36.0 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX017966.D (-1688) (-)

400000

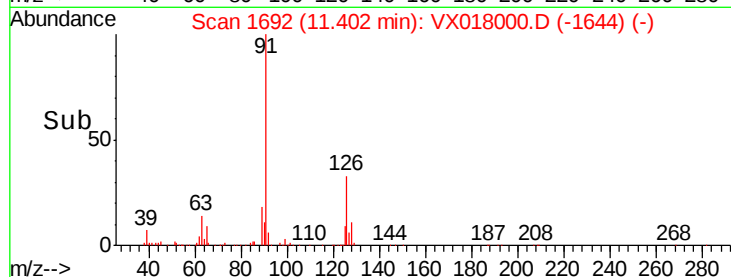
300000

200000

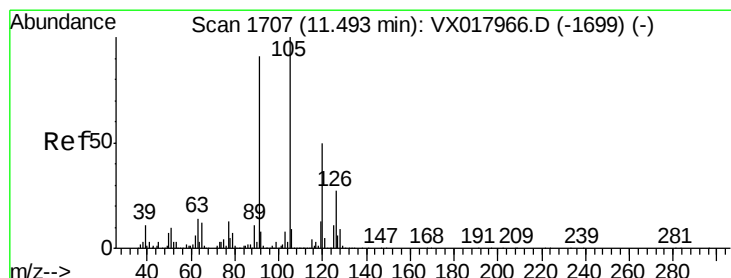
100000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.503 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018000.D

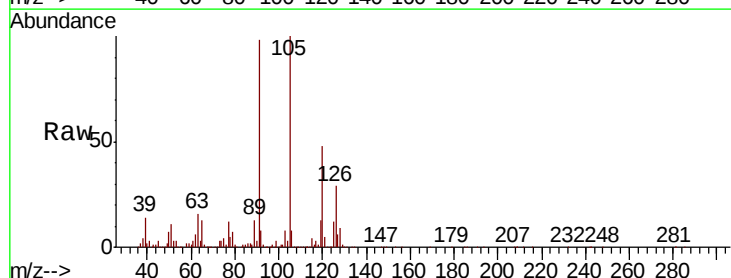
Acq: 19 Aug 2020 22:32

Tgt Ion: 105 Resp: 336019

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX017966.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX017966.D (-1699) (-)

300000

250000

200000

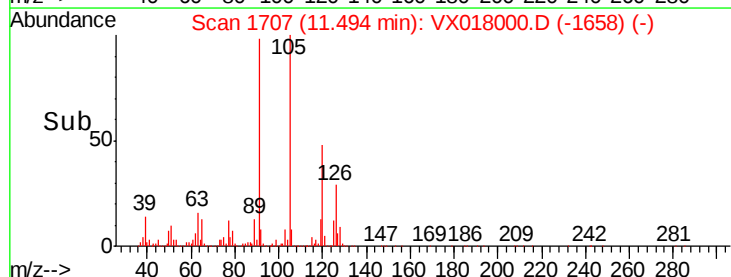
150000

100000

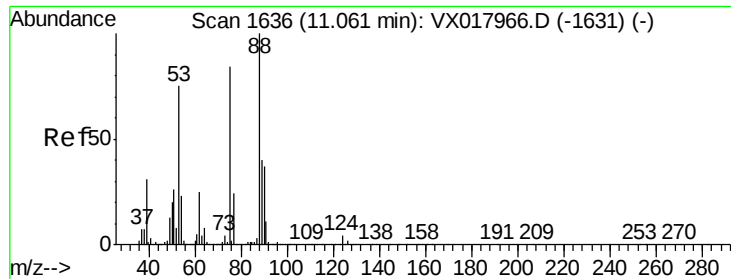
50000

0

11.45 11.50 11.55



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 17.549 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

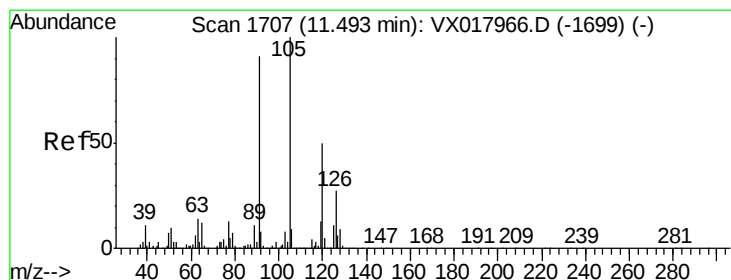
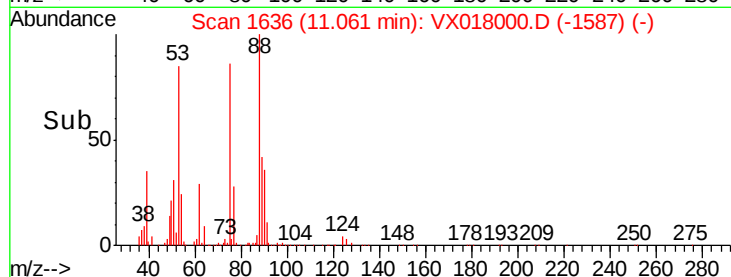
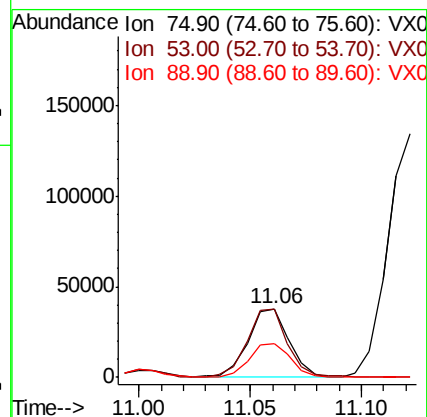
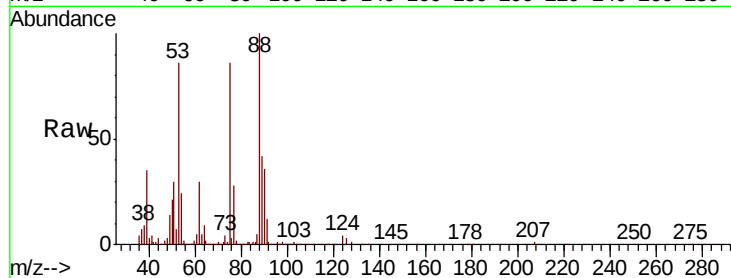
Tot Ion: 75 Resp: 48269

Ion Ratio Lower Upper

75 100

53 97.9 75.2 112.8

89 50.6 38.4 57.6



#82

4-Chlorotoluene

Concen: 17.913 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018000.D

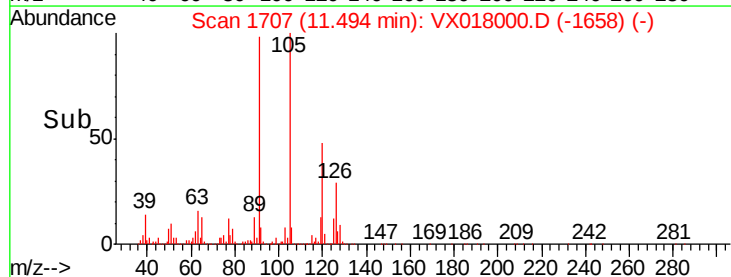
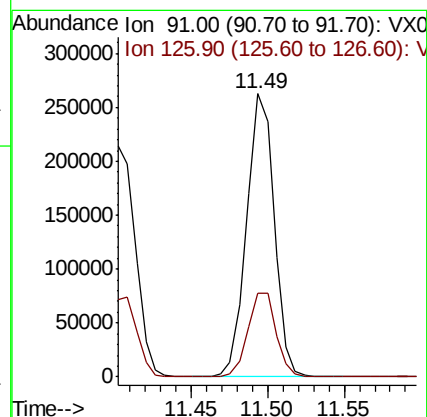
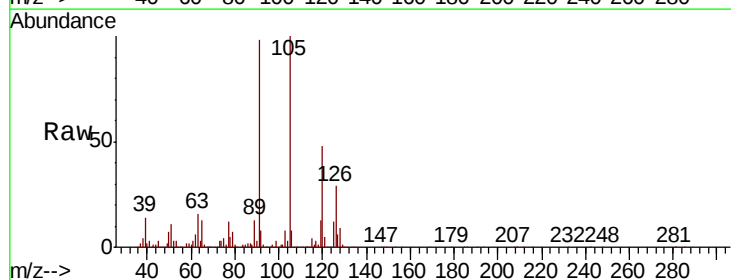
Acq: 19 Aug 2020 22:32

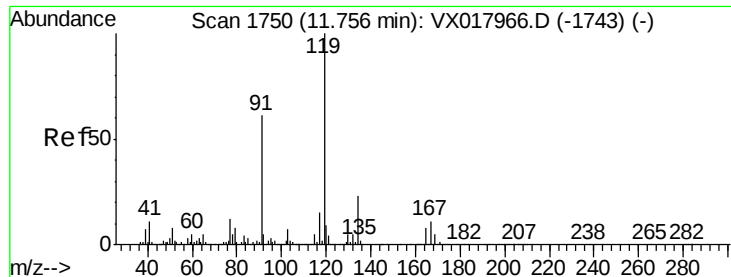
Tgt Ion: 91 Resp: 328380

Ion Ratio Lower Upper

91 100

126 30.4 15.0 45.0





#83

tert-Butylbenzene

Concen: 19.705 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

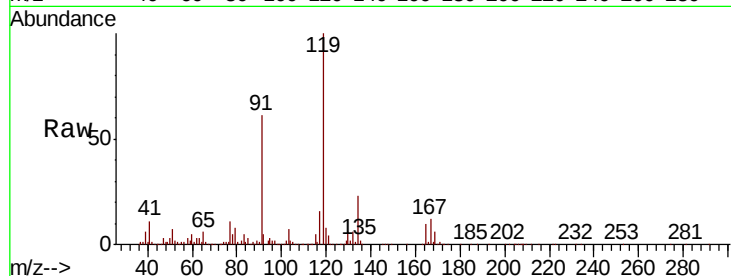
Tot Ion:119 Resp: 357247

Ion Ratio Lower Upper

119 100

91 59.5 30.1 90.5

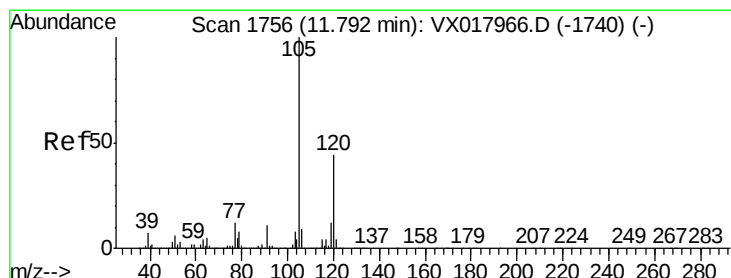
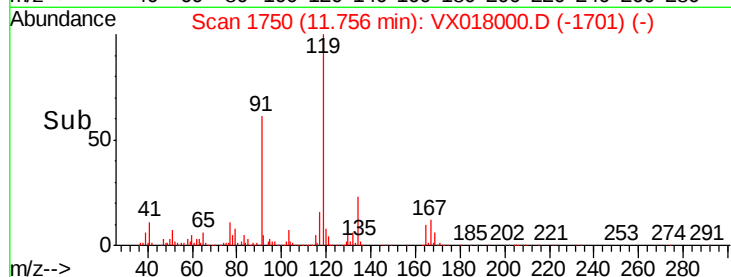
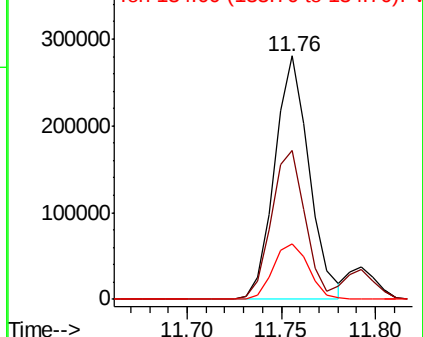
134 23.7 11.1 33.1



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: 19.000 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018000.D

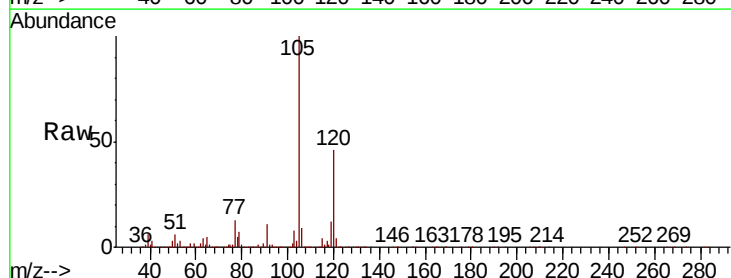
Acq: 19 Aug 2020 22:32

Tgt Ion:105 Resp: 377616

Ion Ratio Lower Upper

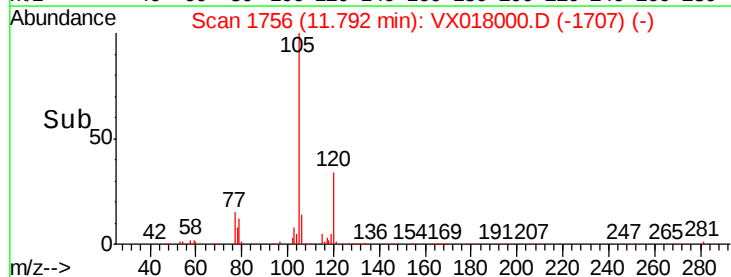
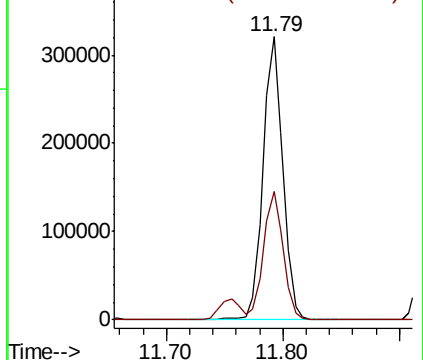
105 100

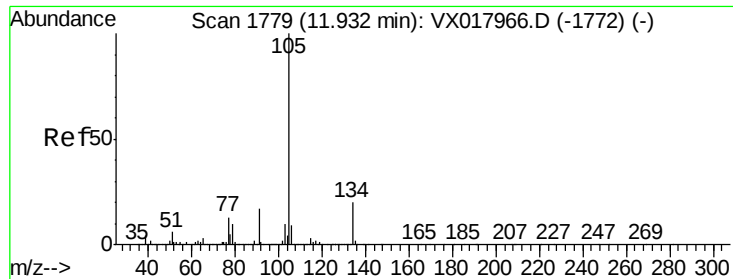
120 45.4 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

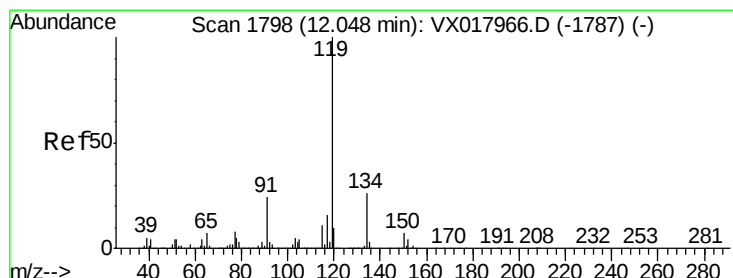
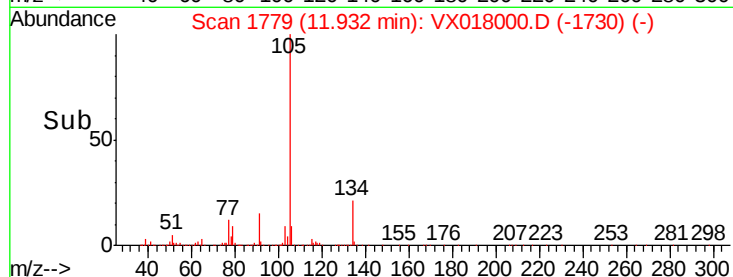
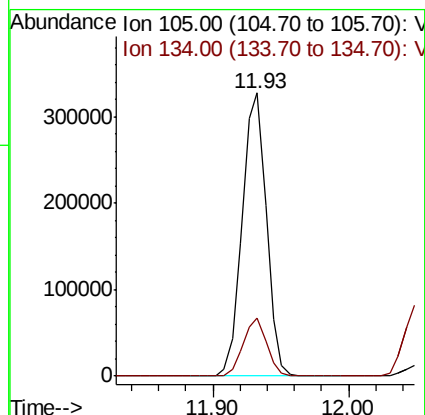
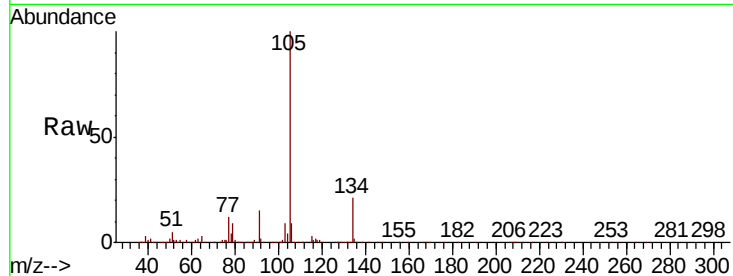




#85
 sec-Butylbenzene
 Concen: 18.534 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

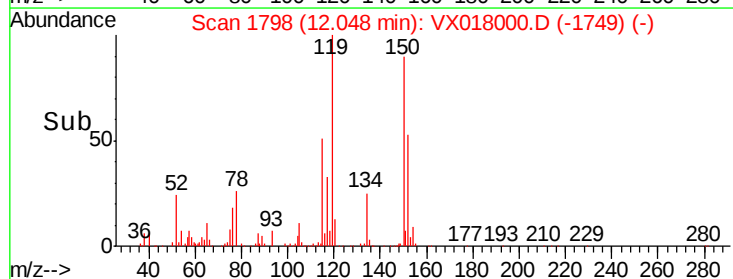
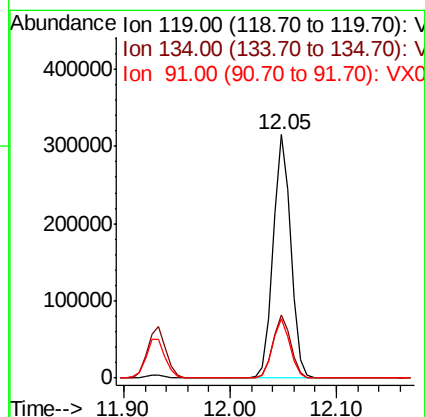
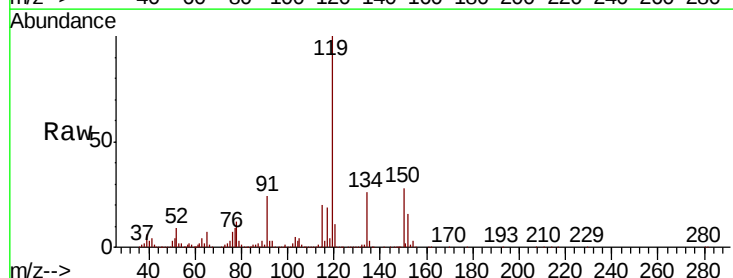
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

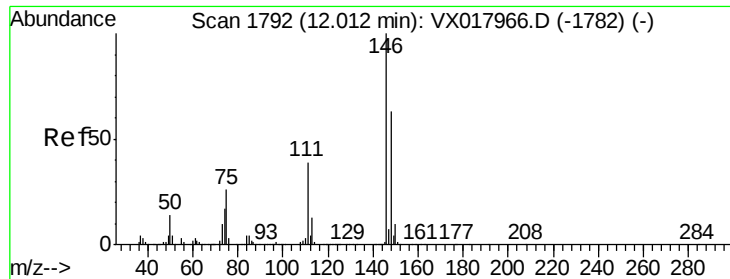
Tot Ion:105 Resp: 405622
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 17.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion:119 Resp: 365815
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.0
 91 24.2 12.2 36.4

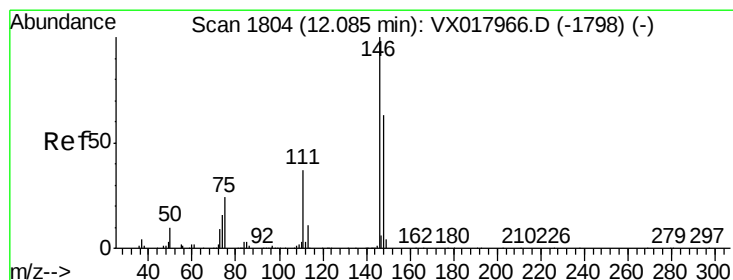
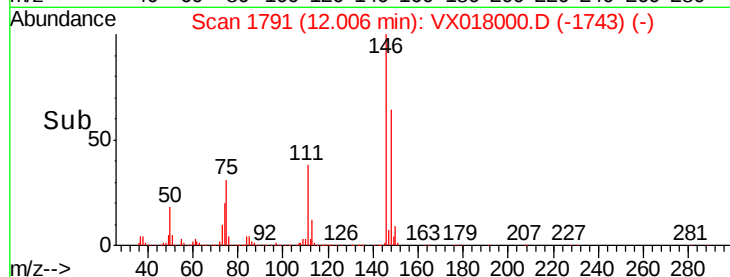
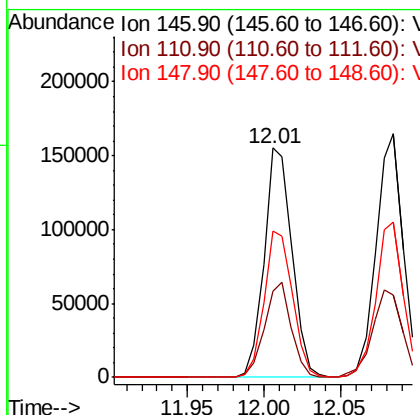
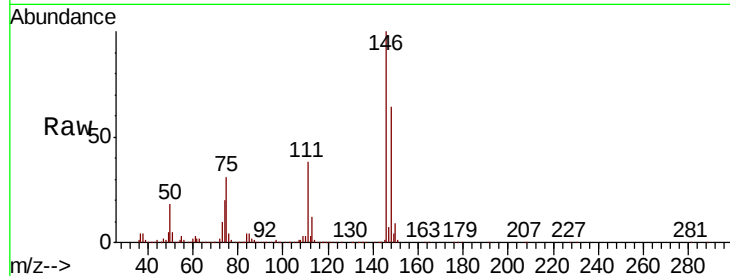




#87
 1,3-Dichlorobenzene
 Concen: 17.910 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

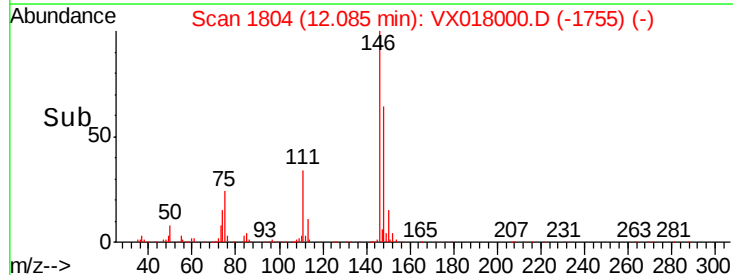
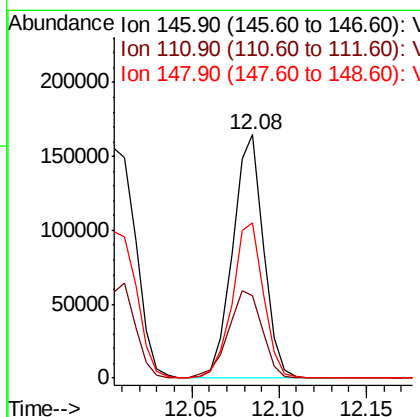
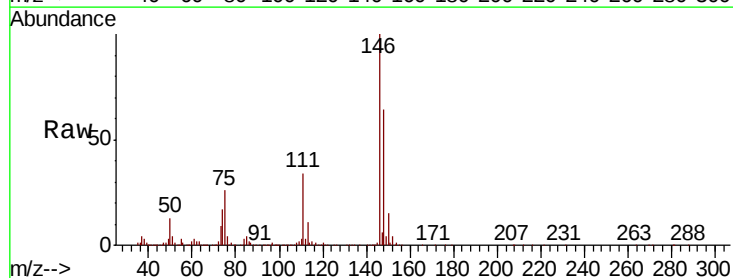
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

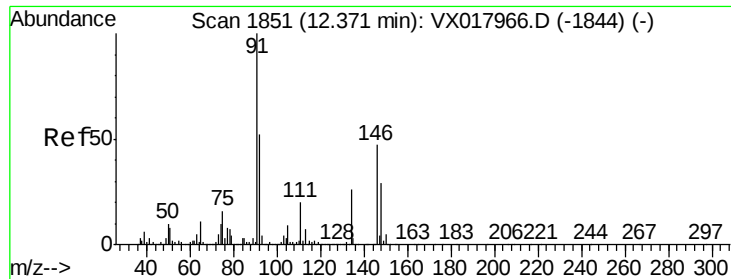
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.3
148	64.7	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.552 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	64.8	31.9	95.7

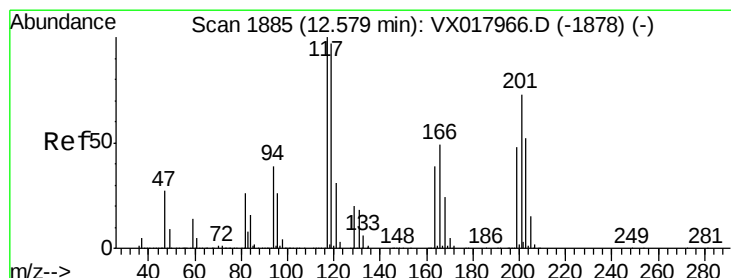
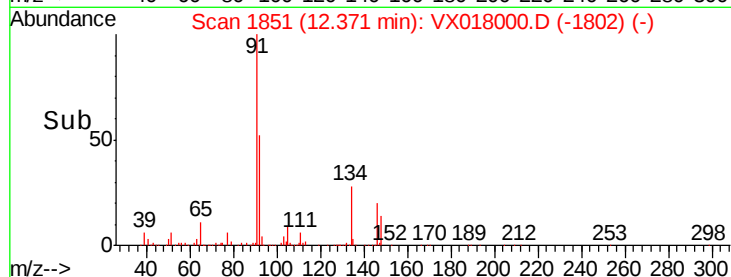
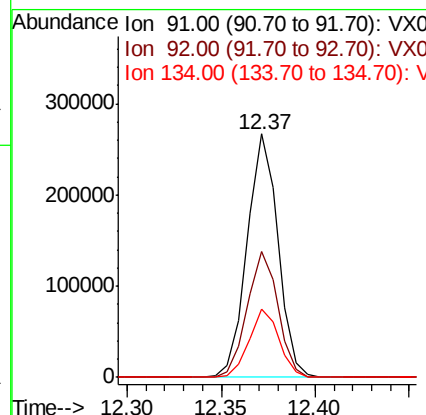
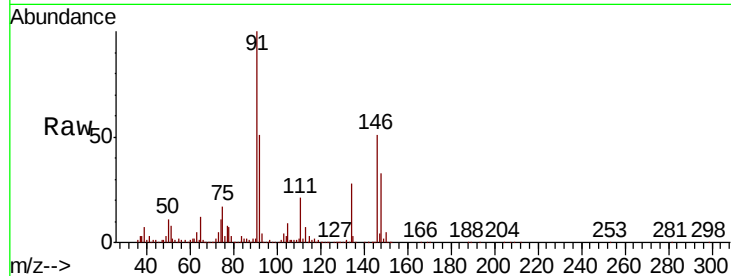




#89
n-Butylbenzene
Concen: 17.984 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

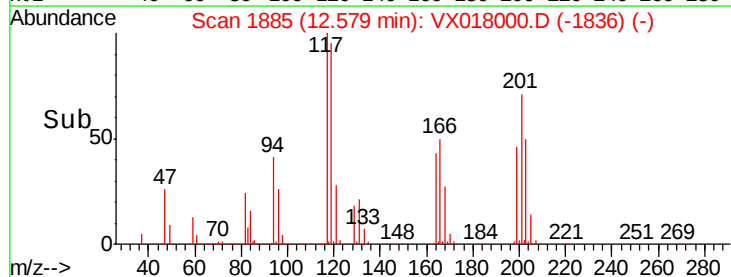
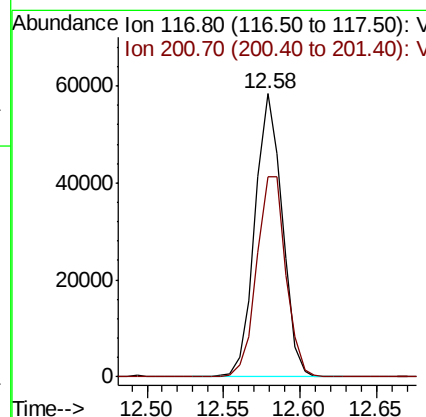
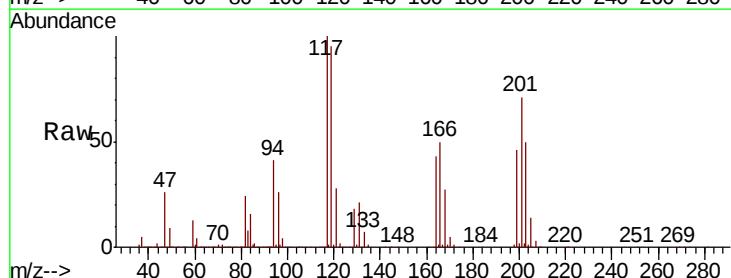
Instrument :
MSVOA_X
ClientSampled :
VX0819WBSD02

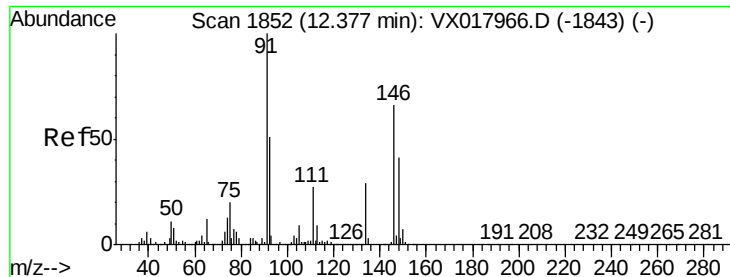
Tot Ion: 91 Resp: 303015
Ion Ratio Lower Upper
91 100
92 51.7 25.7 77.0
134 27.6 13.4 40.2



#90
Hexachloroethane
Concen: 18.001 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018000.D
Acq: 19 Aug 2020 22:32

Tgt Ion: 117 Resp: 72883
Ion Ratio Lower Upper
117 100
201 75.6 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 18.544 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

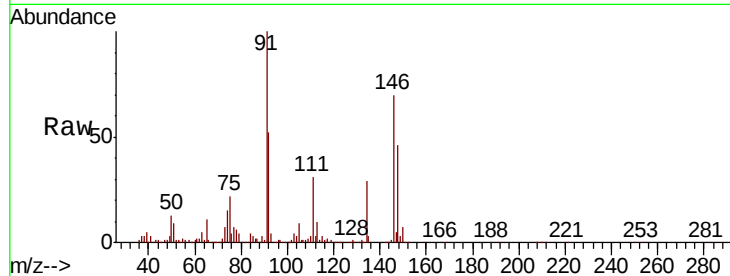
Tot Ion:146 Resp: 189054

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

148 64.6 31.2 93.6

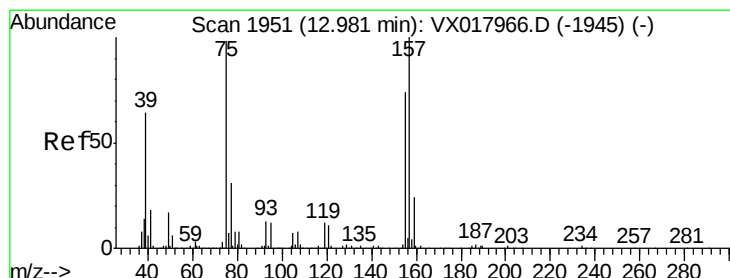
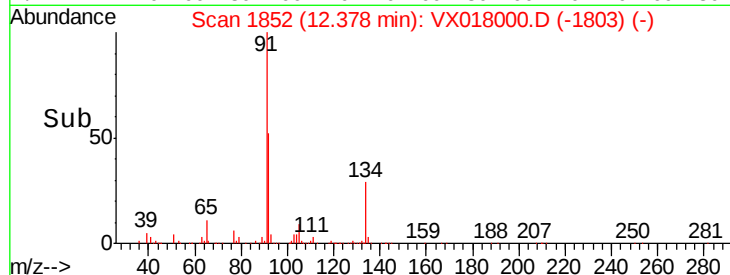
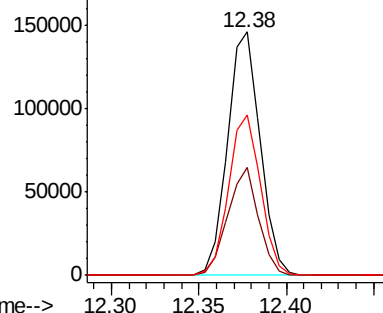


Abundance

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: 17.321 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

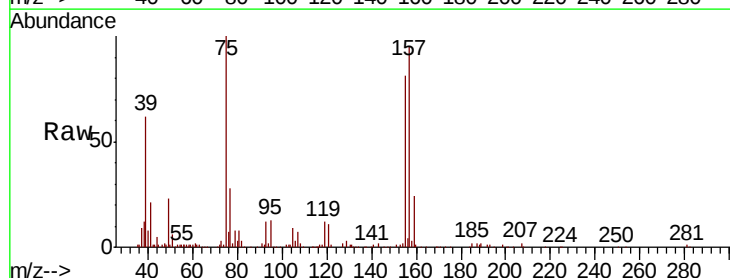
Tgt Ion: 75 Resp: 33662

Ion Ratio Lower Upper

75 100

155 84.8 40.5 121.5

157 99.4 54.4 163.2

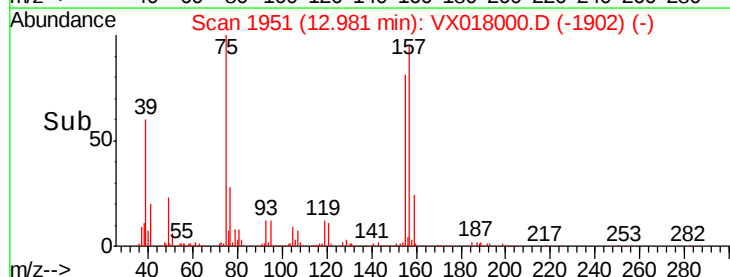
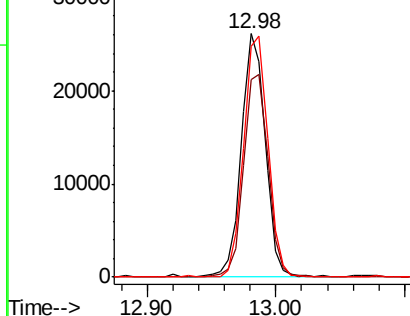


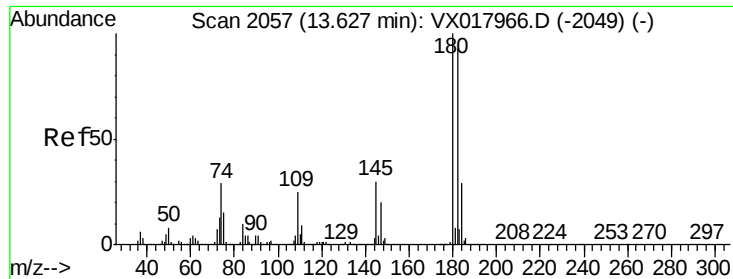
Abundance

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

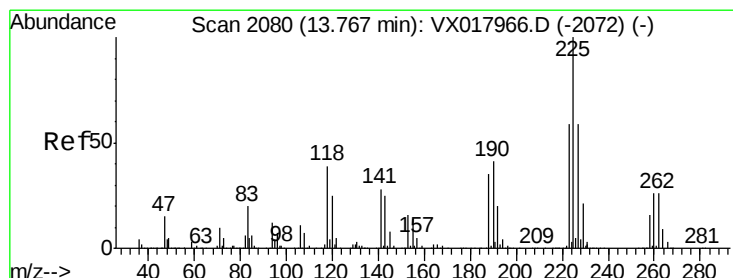
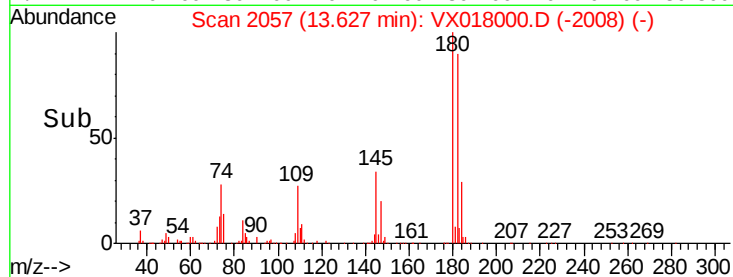
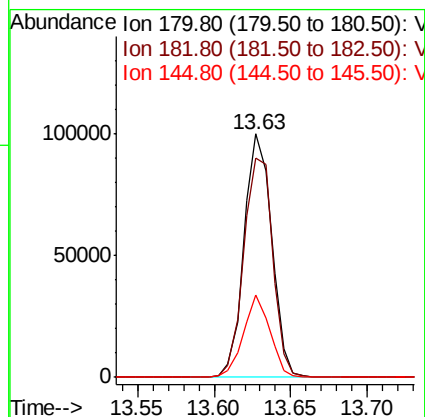
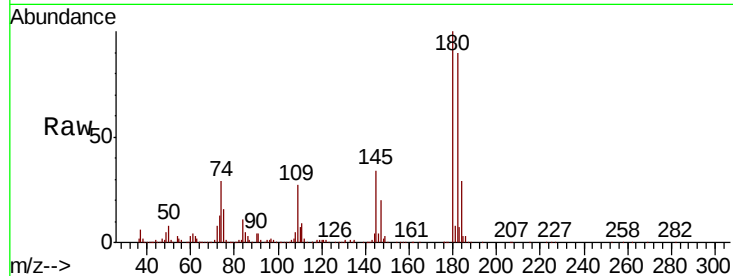




#93
 1,2,4-Trichlorobenzene
 Concen: 18.725 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

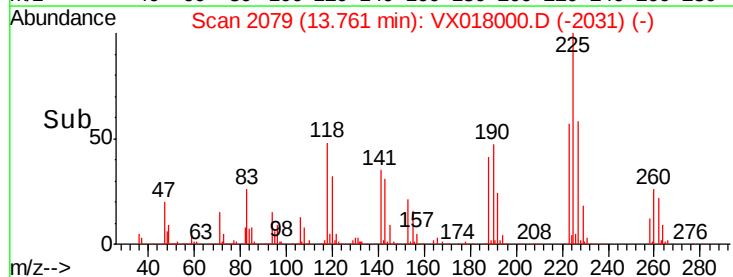
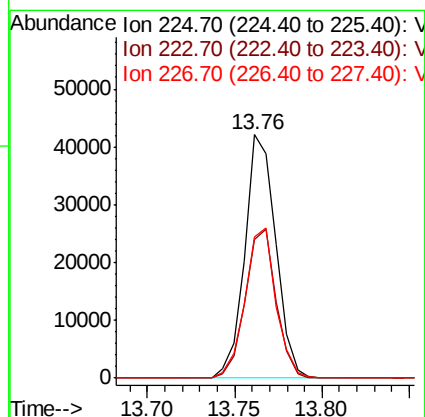
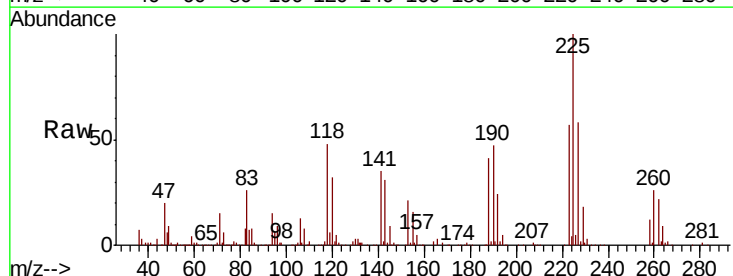
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

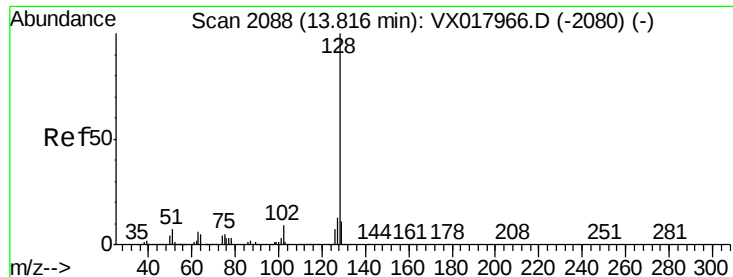
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.8	146.4
145	32.3	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 18.092 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018000.D
 Acq: 19 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.1	96.3
227	61.6	29.8	89.5





#95

Naphthalene

Concen: 20.193 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

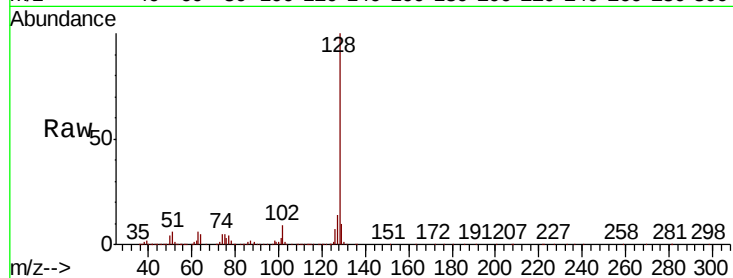
Tot Ion:128 Resp: 427512

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

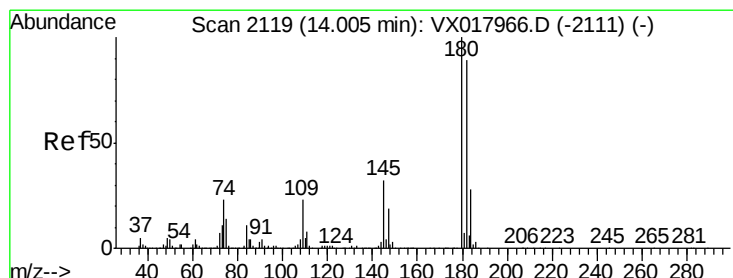
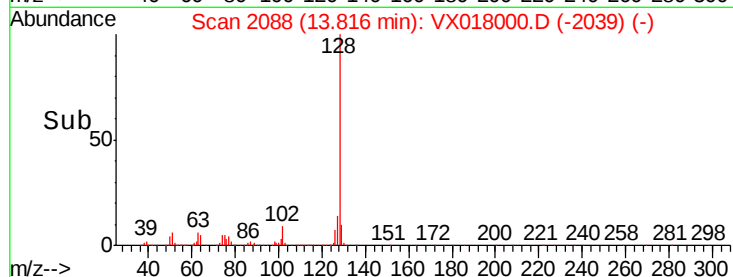
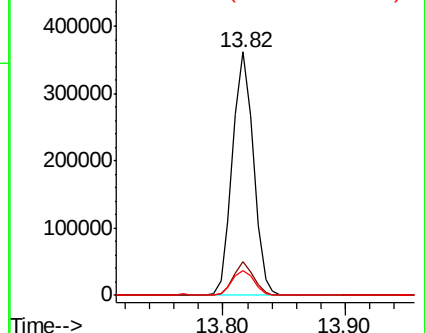
129 10.8 8.6 13.0



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: 20.542 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX018000.D

Acq: 19 Aug 2020 22:32

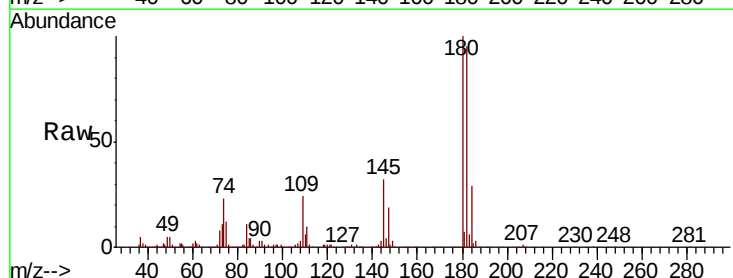
Tgt Ion:180 Resp: 140099

Ion Ratio Lower Upper

180 100

182 94.0 46.6 139.8

145 32.0 16.8 50.4



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

