

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018486.D
 Acq On : 18 Sep 2020 12:43
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Quant Time: Sep 19 01:52:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	78219	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	394118	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	366142	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	183088	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	11.12	95	190616	30.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.13%
63) Toluene-d8	8.70	98	491983	30.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	74329	17.958	ug/l 95
3) Chloromethane	1.31	50	80889	18.399	ug/l 94
4) Vinyl Chloride	1.39	62	85606	18.492	ug/l 98
5) Bromomethane	1.64	94	62019	19.690	ug/l 91
6) Chloroethane	1.72	64	52310	18.591	ug/l 95
7) Trichlorofluoromethane	1.92	101	146765	18.707	ug/l 98
8) Diethyl Ether	2.17	74	48594	19.647	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76290	19.032	ug/l 98
10) 1,1-Dichloroethene	2.36	96	71657	18.211	ug/l 97
11) Methyl Iodide	2.49	142	80894	21.130	ug/l 94
12) Methyl Acetate	2.75	43	101565	19.609	ug/l 99
13) Acrolein	2.27	56	38534	92.185	ug/l 98
14) Acrylonitrile	3.11	53	225110	95.918	ug/l 97
15) Acetone	2.42	58	58659	91.929	ug/l 88
16) Carbon Disulfide	2.55	76	206856	18.055	ug/l 99
17) Allyl chloride	2.71	41	131181	18.653	ug/l 98
18) Methylene Chloride	2.83	84	87690	18.989	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	81525	18.661	ug/l 95
20) Diisopropyl ether	3.82	45	274014	19.681	ug/l 94
21) 1,1-Dichloroethane	3.67	63	152388	19.069	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	91300	18.889	ug/l 96
23) tert-Butyl Alcohol	3.01	59	93539	91.974	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	271244	19.390	ug/l 99
25) Chloroform	5.18	83	162589	19.063	ug/l 96
26) Cyclohexane	5.55	56	117608	18.233	ug/l # 41
29) 1,1-Dichloropropene	5.77	75	118097	19.630	ug/l 98
30) 2-Butanone	4.63	43	314757	95.552	ug/l 98
31) 2,2-Dichloropropane	4.55	77	138233	19.022	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	150401	19.100	ug/l 100
33) Carbon Tetrachloride	5.76	117	139394	18.997	ug/l 96
34) Benzene	6.11	78	326028	18.985	ug/l 95
35) Methacrylonitrile	5.01	41	69548	20.034	ug/l 91
36) 1,2-Dichloroethane	6.16	62	142077	19.991	ug/l # 100
37) Trichloroethene	7.18	130	96186	19.370	ug/l 98
38) Methylcyclohexane	7.44	83	121281	18.926	ug/l 98
39) 1,2-Dichloropropane	7.49	63	88981	19.346	ug/l 96
40) Dibromomethane	7.64	93	65673	19.772	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0918WBSD01

Quant Time: Sep 19 01:52:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	131167	19.054	ug/l	97
42) Vinyl Acetate	3.78	43	1206060	98.135	ug/l	100
43) Ethyl Acetate	4.79	43	123169	18.804	ug/l	100
44) Isopropyl Acetate	6.41	43	202275	19.162	ug/l	97
45) 1,4-Dioxane	7.71	88	31718	359.665	ug/l #	90
46) Methyl methacrylate	7.74	41	98722	19.002	ug/l	88
47) n-amyl Acetate	10.88	43	168574	18.174	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	144796	19.581	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	150902	19.426	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	92042	19.887	ug/l	97
51) Ethyl methacrylate	9.16	69	128065	19.101	ug/l	98
52) 1,3-Dichloropropane	9.35	76	148539	19.336	ug/l	98
53) Dibromochloromethane	9.56	129	108744	18.896	ug/l	99
54) 1,2-Dibromoethane	9.65	107	96839	19.073	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	326989	93.395	ug/l	99
56) Bromoform	10.84	173	81058	18.538	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	619888	98.433	ug/l	99
59) 2-Hexanone	9.47	43	464991	97.482	ug/l	99
61) Tetrachloroethene	9.32	164	92925	20.350	ug/l	90
62) Toluene	8.76	91	363072	19.704	ug/l	98
64) Chlorobenzene	10.12	112	231816	19.577	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.20	131	96326	20.086	ug/l	95
66) Ethyl Benzene	10.23	91	399379	19.615	ug/l	95
67) m/p-Xylenes	10.34	106	310431	39.868	ug/l	97
68) o-Xylene	10.68	106	142996	19.436	ug/l	99
69) Styrene	10.70	104	248010	19.321	ug/l	99
70) Isopropylbenzene	11.00	105	399338	19.518	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	131782	19.710	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	163912	25.516	ug/l	90
73) Bromobenzene	11.24	156	105310	18.788	ug/l	97
74) n-propylbenzene	11.34	91	459049	19.054	ug/l	98
75) 2-Chlorotoluene	11.40	91	282671	19.359	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	340848	19.122	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	45981	18.419	ug/l	96
78) 4-Chlorotoluene	11.49	91	333469	19.145	ug/l	99
79) tert-butylbenzene	11.76	119	325487	18.956	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	351080	19.915	ug/l	99
81) sec-Butylbenzene	11.93	105	376421	18.769	ug/l	100
82) p-Isopropyltoluene	12.05	119	360457	19.276	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	194260	19.383	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	194841	19.443	ug/l	97
85) n-Butylbenzene	12.37	91	314020	19.074	ug/l	99
86) Hexachloroethane	12.58	117	68694	18.658	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	187098	19.937	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	31686	18.525	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	127358	20.059	ug/l	98
90) Hexachlorobutadiene	13.76	225	54529	20.304	ug/l	92
91) Naphthalene	13.82	128	372446	18.796	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	122116	19.441	ug/l	100

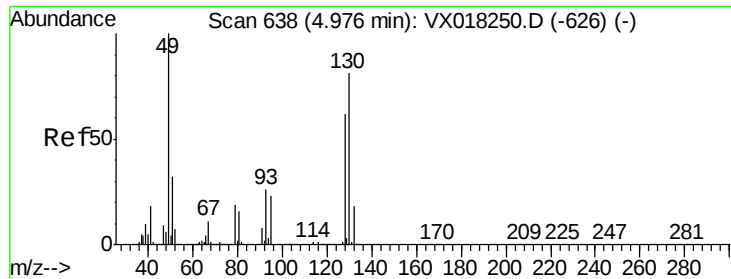
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
Data File : VX018486.D
Acq On : 18 Sep 2020 12:43
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Sample : VX0918WBSD01
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Instrument :
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ClientSampleId :
VX0918WBSD01

Quant Time: Sep 19 01:52:13 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

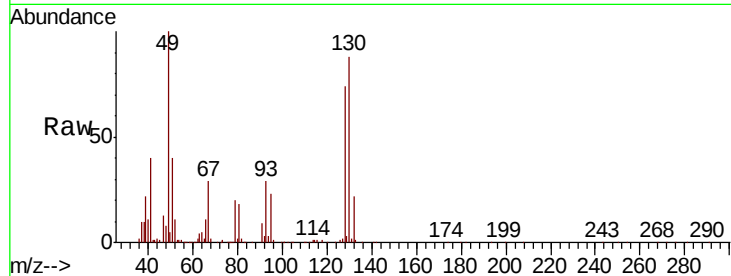
Tot Ion:128 Resp: 78219

Ion Ratio Lower Upper

128 100

49 151.5 0.0 392.0

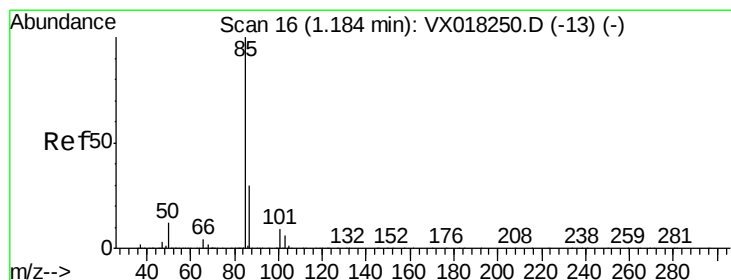
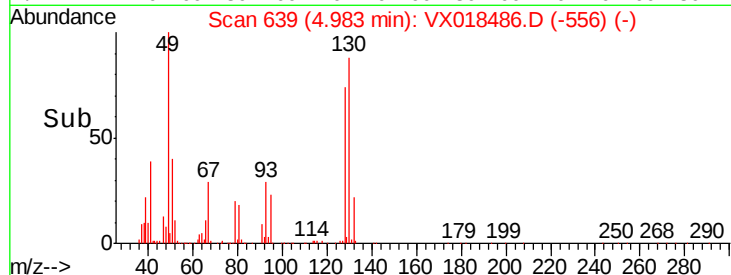
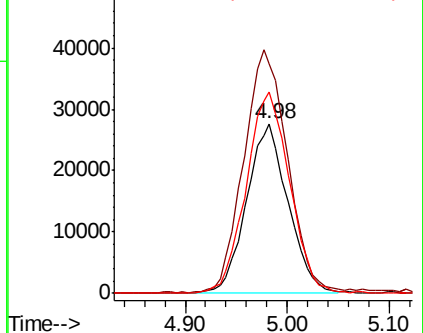
130 124.4 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.958 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018486.D

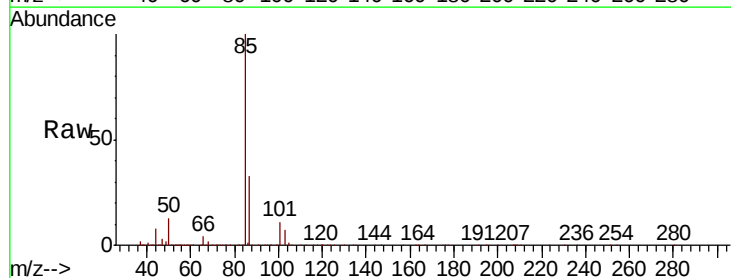
Acq: 18 Sep 2020 12:43

Tgt Ion: 85 Resp: 74329

Ion Ratio Lower Upper

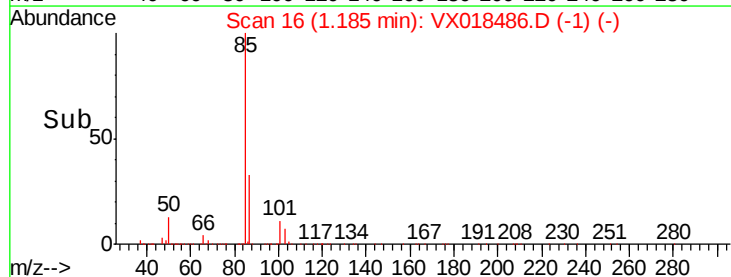
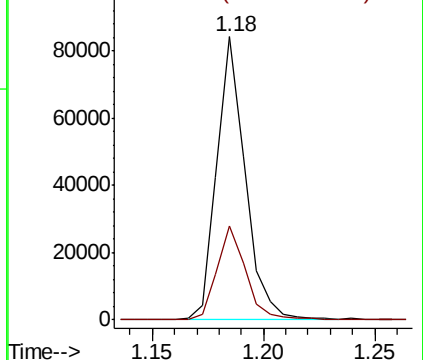
85 100

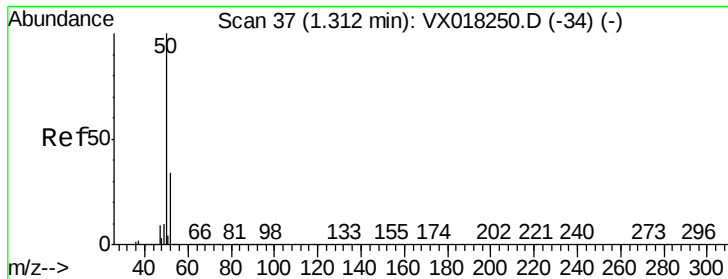
87 33.1 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

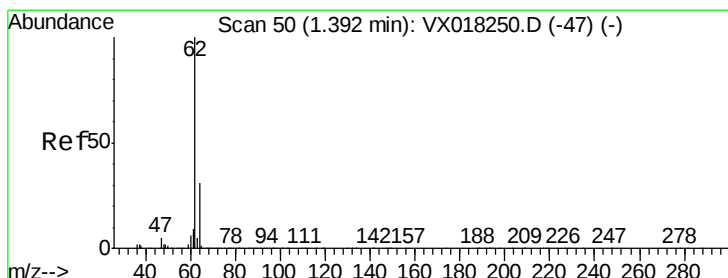
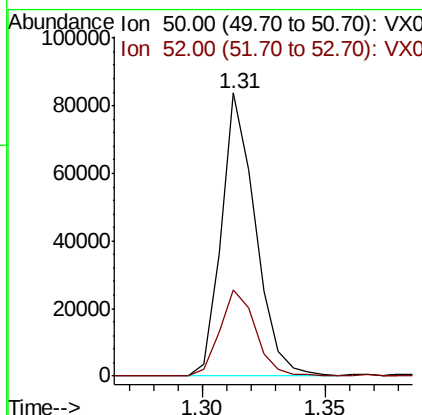
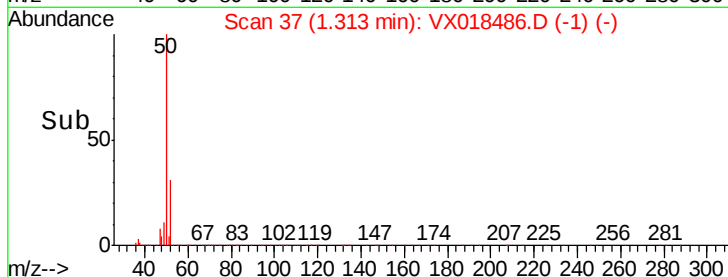
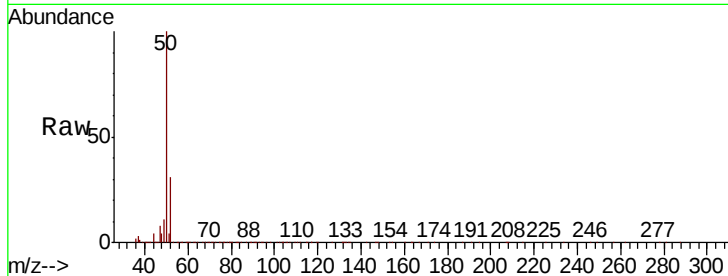




#3
Chloromethane
Concen: 18.399 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

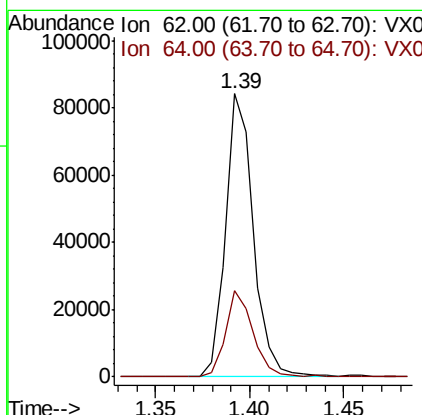
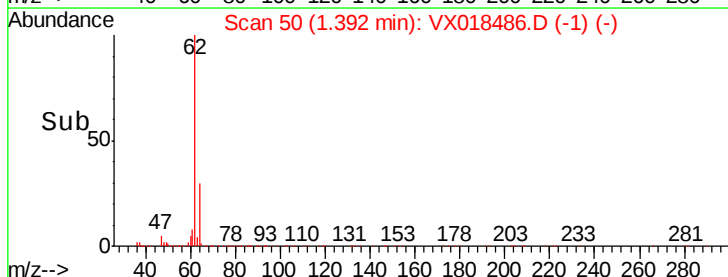
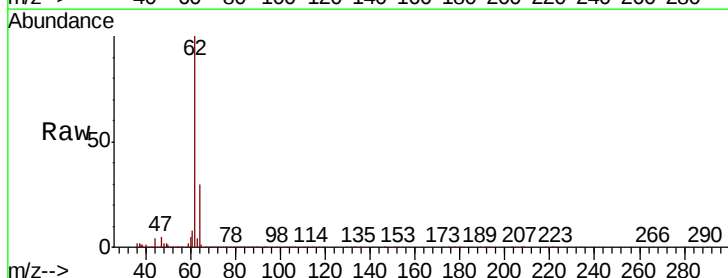
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

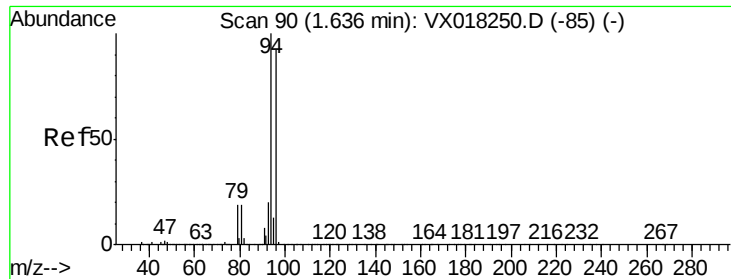
Tot Ion: 50 Resp: 80889
Ion Ratio Lower Upper
50 100
52 30.5 27.1 40.7



#4
Vinyl Chloride
Concen: 18.492 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 62 Resp: 85606
Ion Ratio Lower Upper
62 100
64 30.3 25.2 37.8





#5

Bromomethane

Concen: 19.690 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

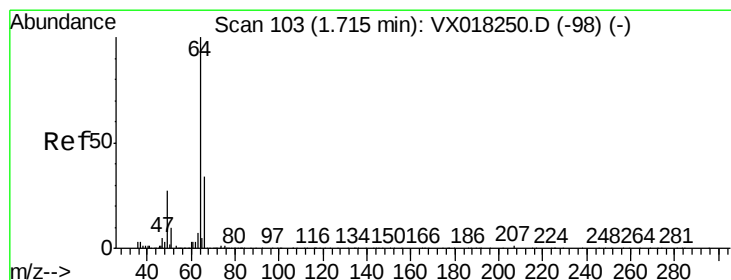
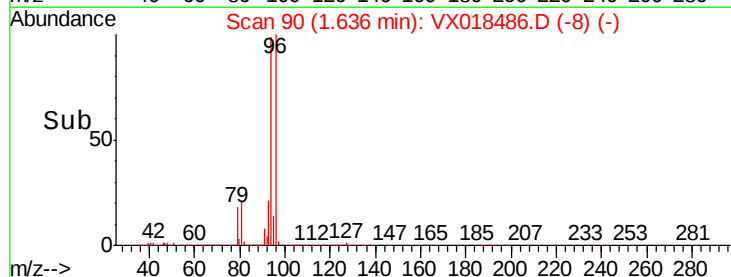
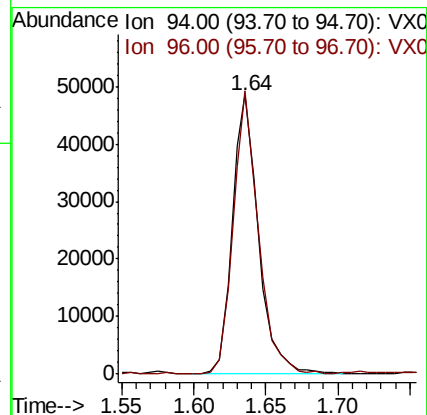
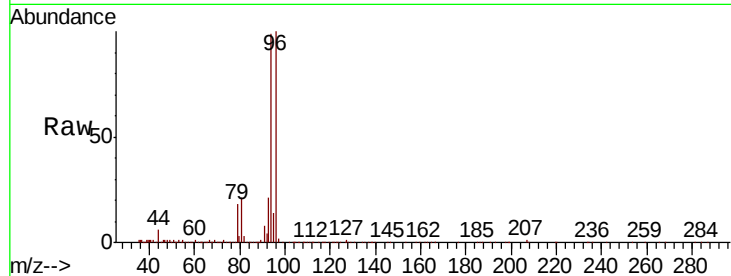
VX0918WBSD01

Tot Ion: 94 Resp: 62019

Ion Ratio Lower Upper

94 100

96 101.2 73.9 110.9



#6

Chloroethane

Concen: 18.591 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018486.D

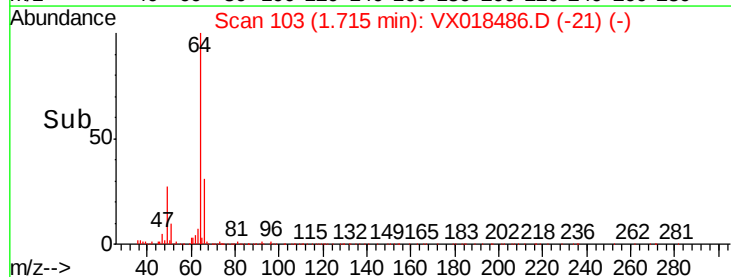
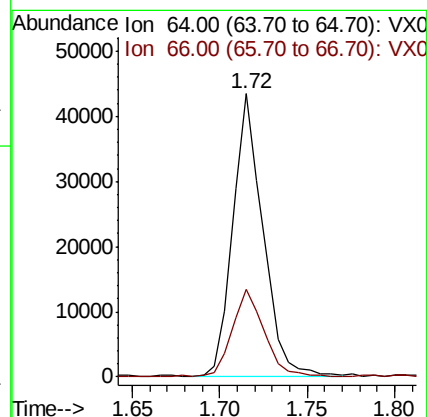
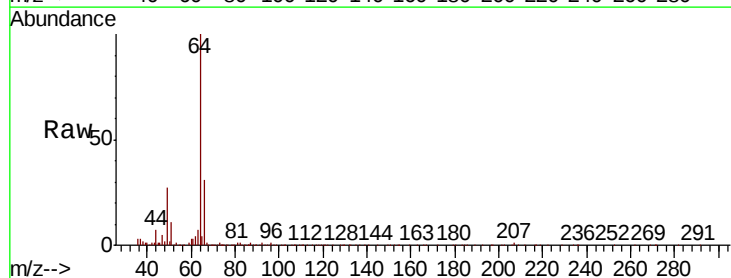
Acq: 18 Sep 2020 12:43

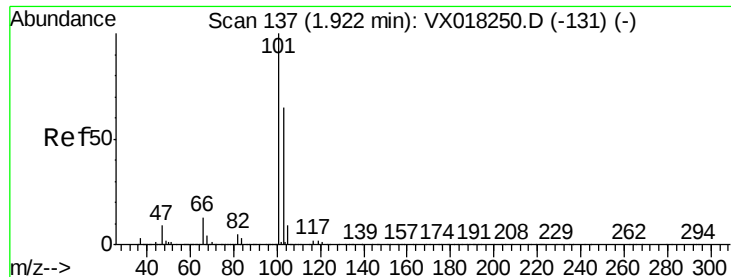
Tgt Ion: 64 Resp: 52310

Ion Ratio Lower Upper

64 100

66 30.6 27.0 40.4



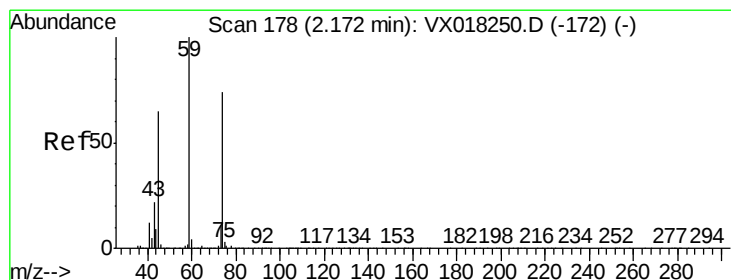
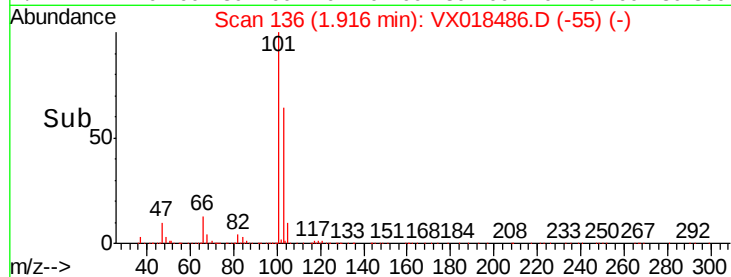
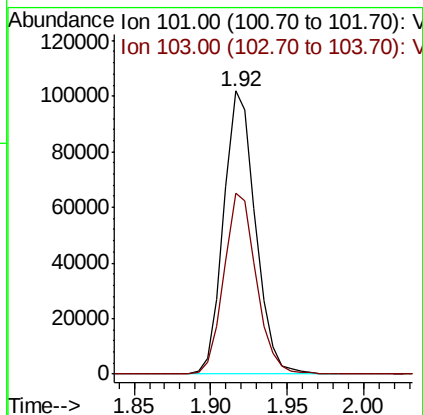
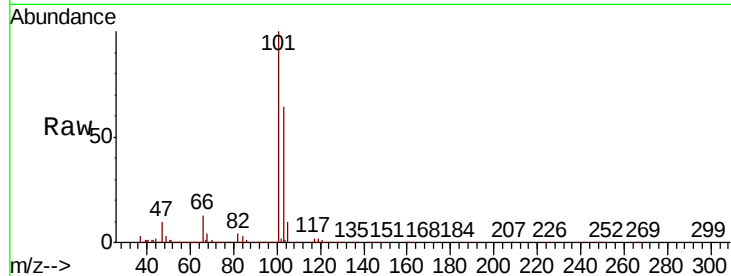


#7

Trichlorofluoromethane
 Concen: 18.707 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

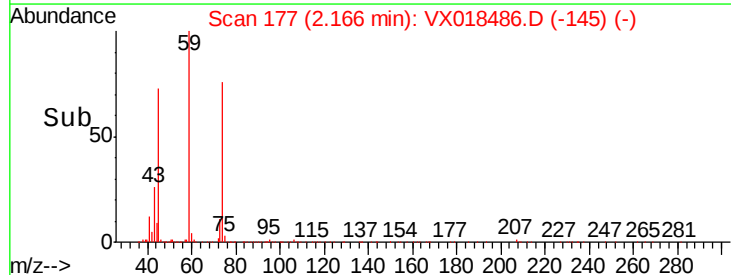
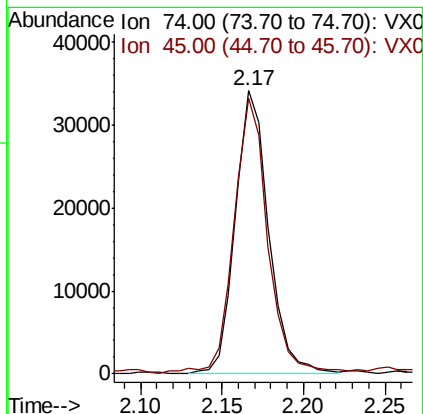
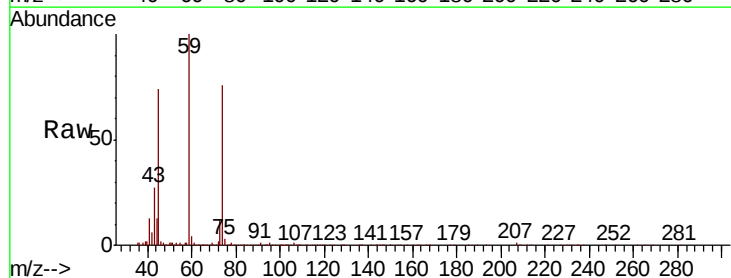
Tot Ion:101 Resp: 146765
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

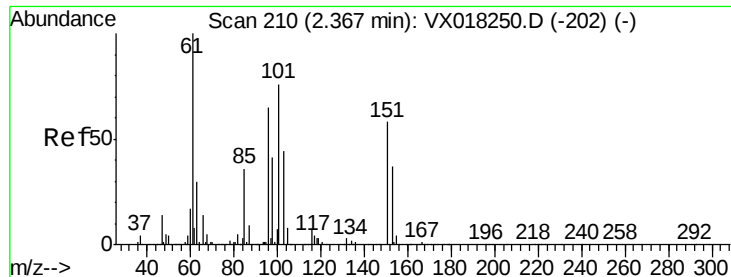


#8

Diethyl Ether
 Concen: 19.647 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion: 74 Resp: 48594
 Ion Ratio Lower Upper
 74 100
 45 95.2 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.032 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

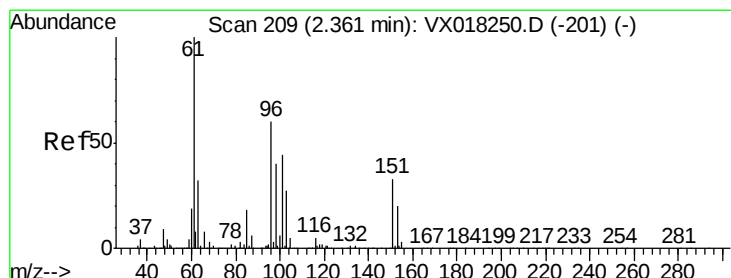
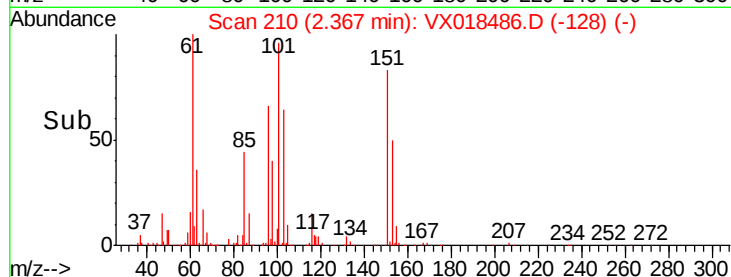
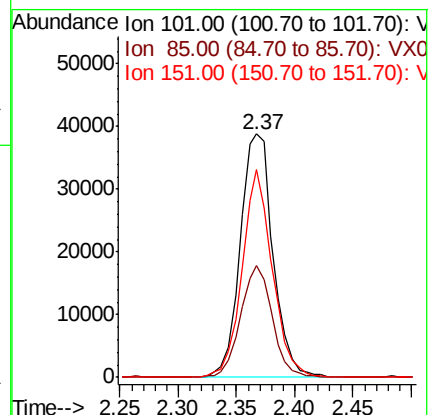
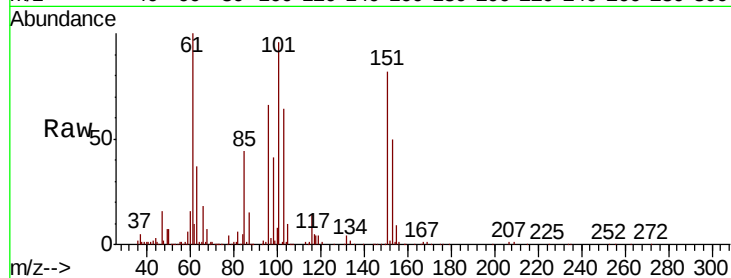
Tot Ion:101 Resp: 76290

Ion Ratio Lower Upper

101 100

85 44.4 0.0 87.8

151 78.3 0.0 161.4



#10

1,1-Dichloroethene

Concen: 18.211 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

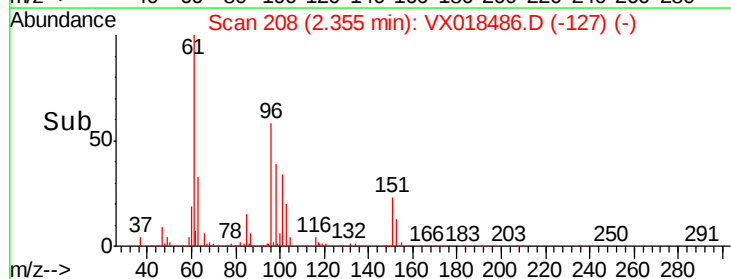
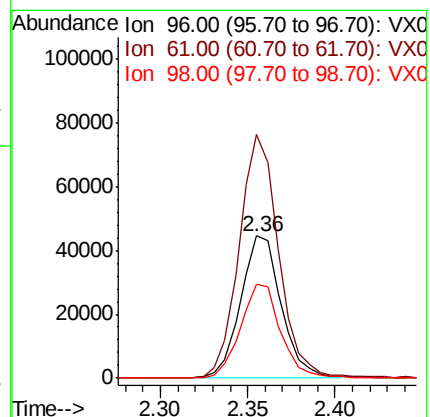
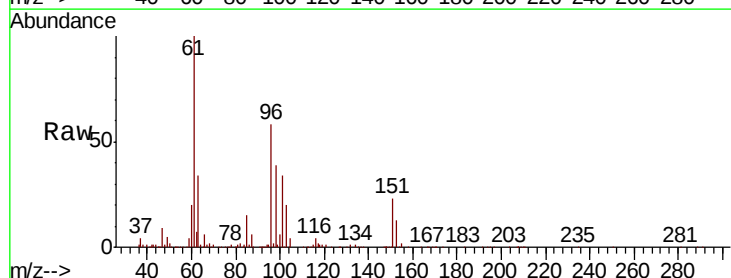
Tgt Ion: 96 Resp: 71657

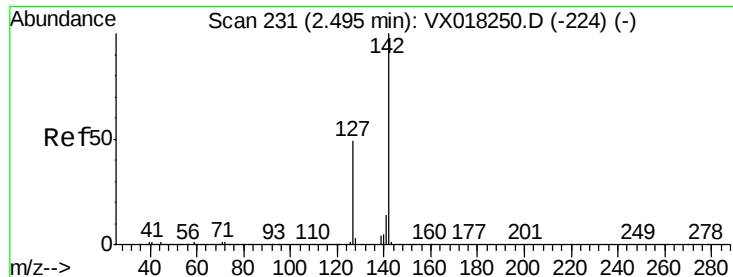
Ion Ratio Lower Upper

96 100

61 171.6 132.5 198.7

98 66.0 52.4 78.6

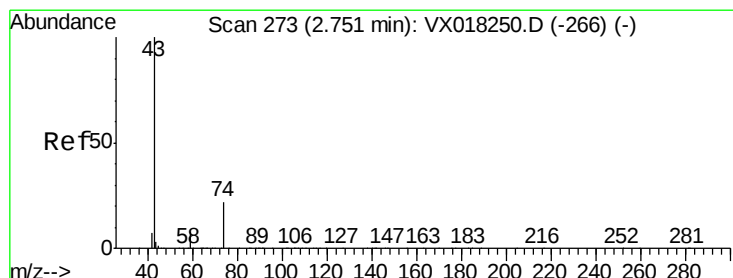
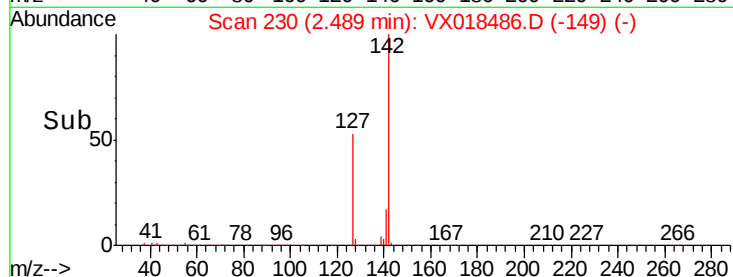
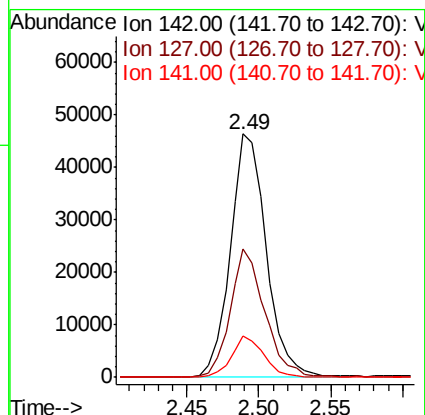
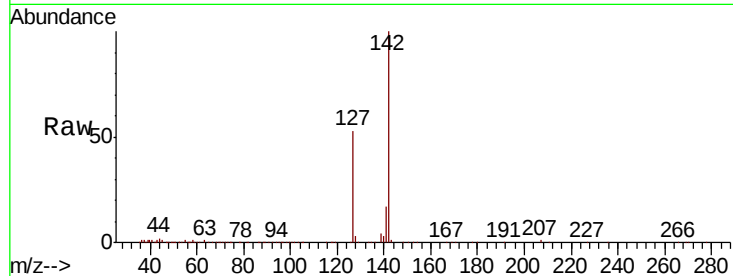




#11
Methvl Iodide
Concen: 21.130 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

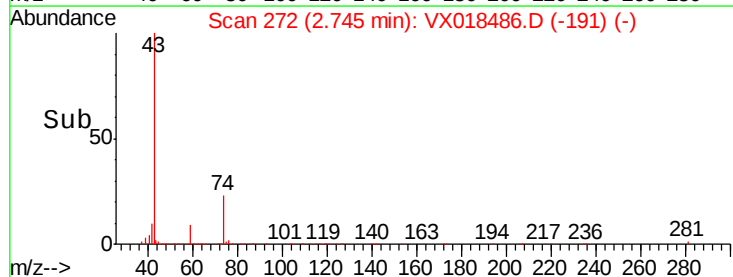
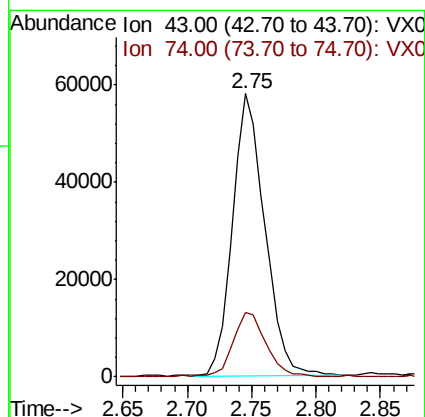
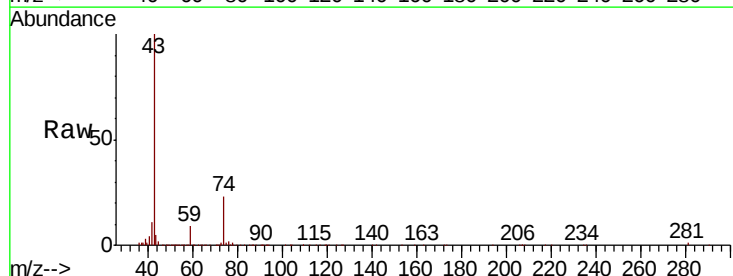
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

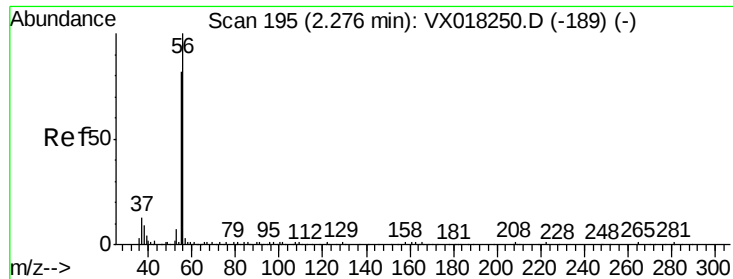
Tot Ion:142 Resp: 80894
Ion Ratio Lower Upper
142 100
127 52.6 24.6 74.0
141 17.2 7.0 21.0



#12
Methyl Acetate
Concen: 19.609 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 43 Resp: 101565
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0





#13

Acrolein

Concen: 92.185 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

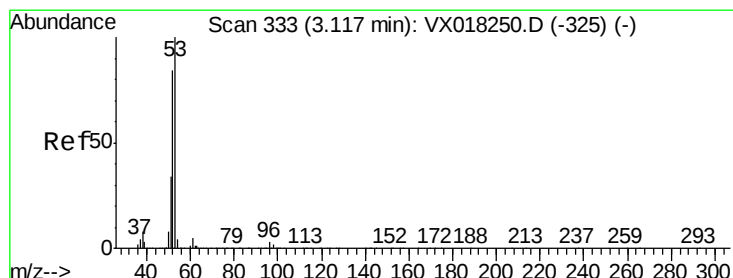
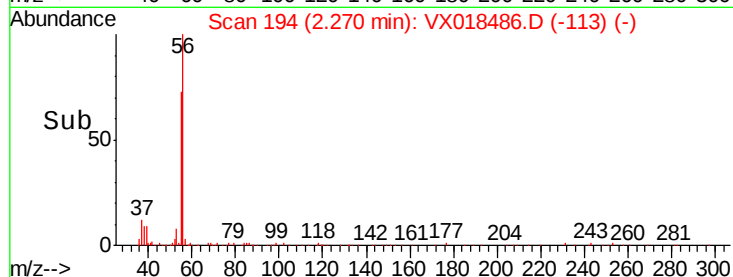
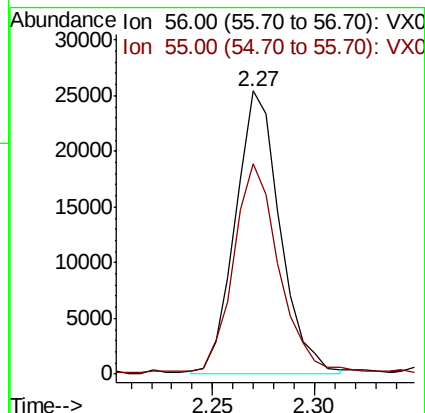
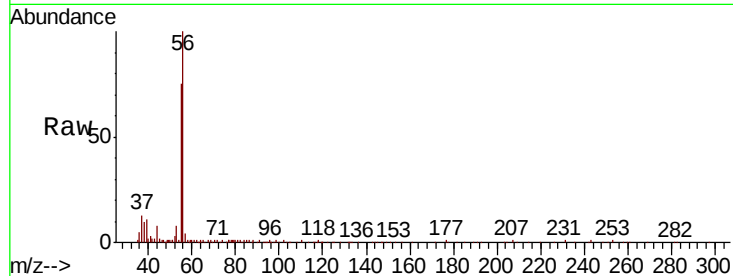
VX0918WBSD01

Tot Ion: 56 Resp: 38534

Ion Ratio Lower Upper

56 100

55 75.9 59.7 89.5



#14

Acrylonitrile

Concen: 95.918 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

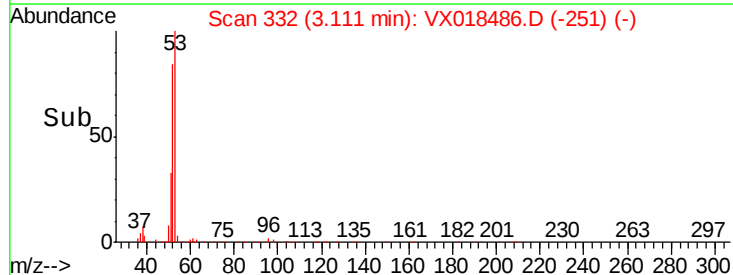
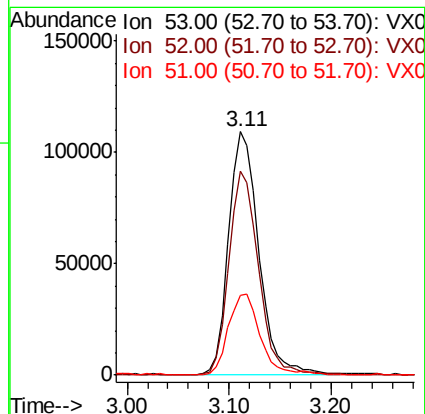
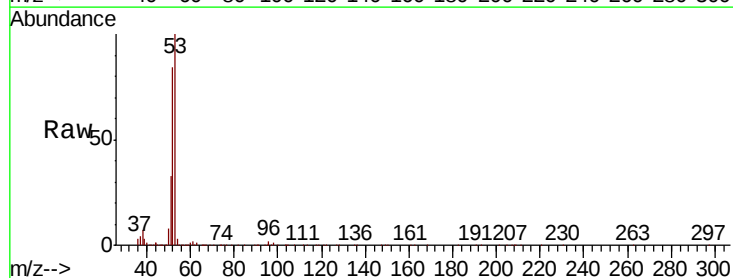
Tgt Ion: 53 Resp: 225110

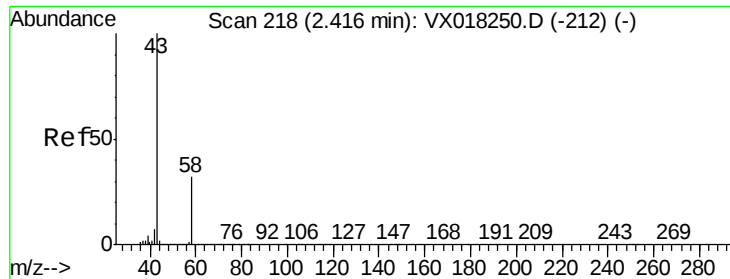
Ion Ratio Lower Upper

53 100

52 80.6 41.9 125.7

51 35.1 18.3 54.8





#15

Acetone

Concen: 91.929 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

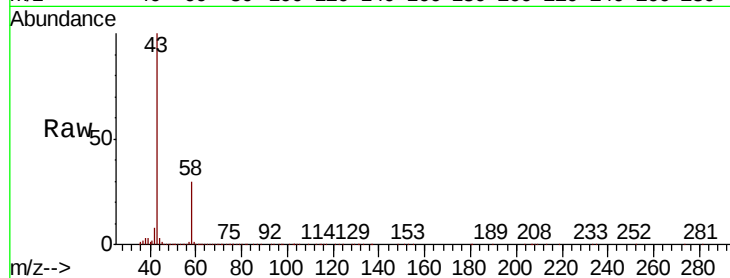
VX0918WBSD01

Tot Ion: 58 Resp: 58659

Ion Ratio Lower Upper

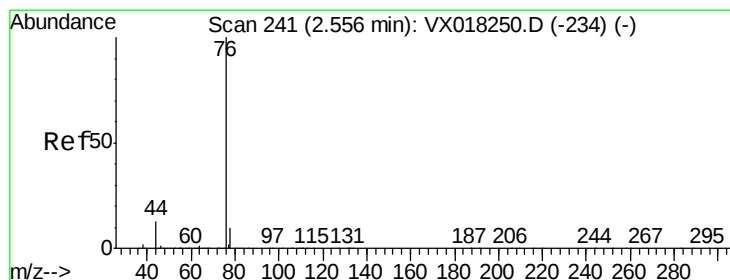
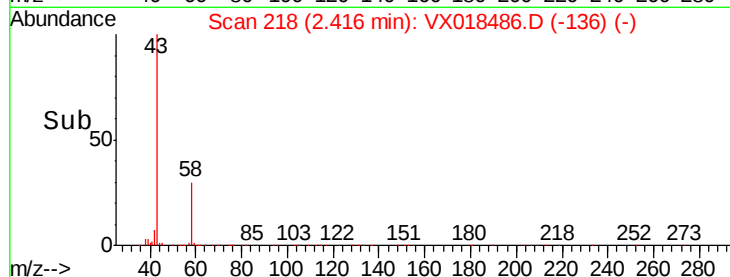
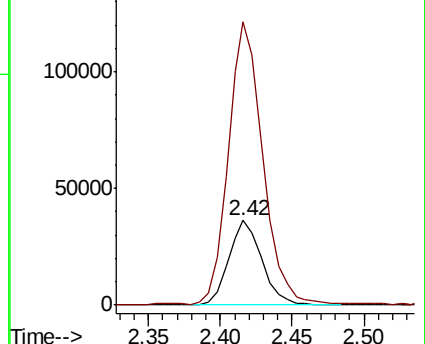
58 100

43 335.1 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.055 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018486.D

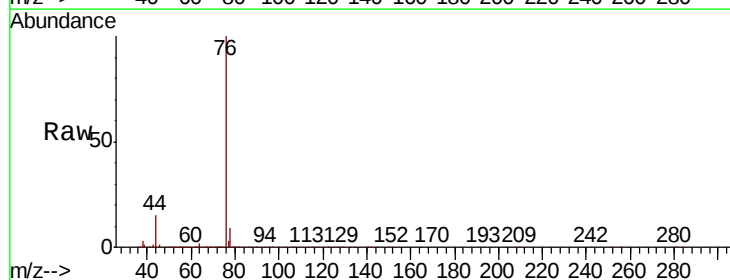
Acq: 18 Sep 2020 12:43

Tgt Ion: 76 Resp: 206856

Ion Ratio Lower Upper

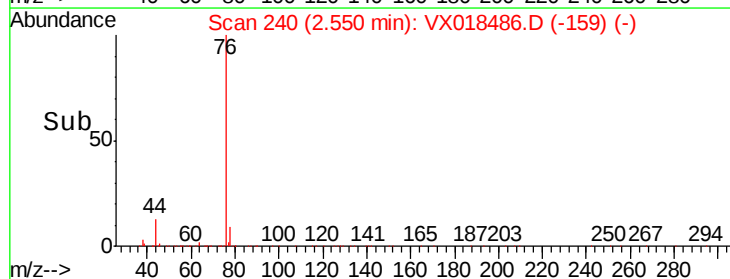
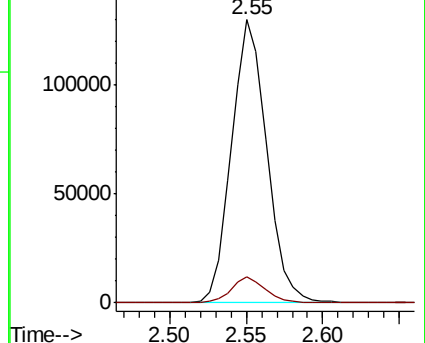
76 100

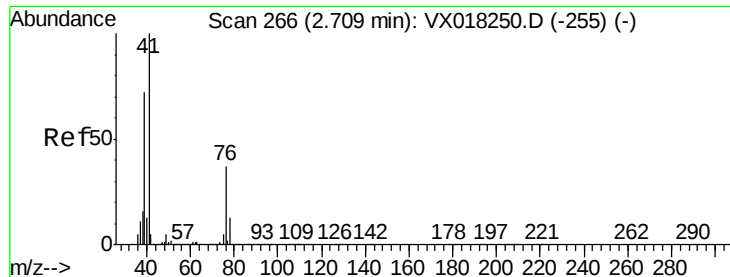
78 9.3 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

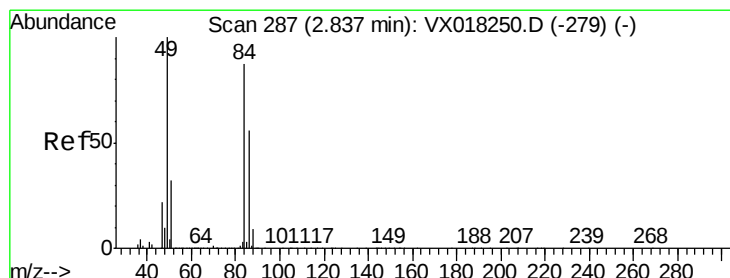
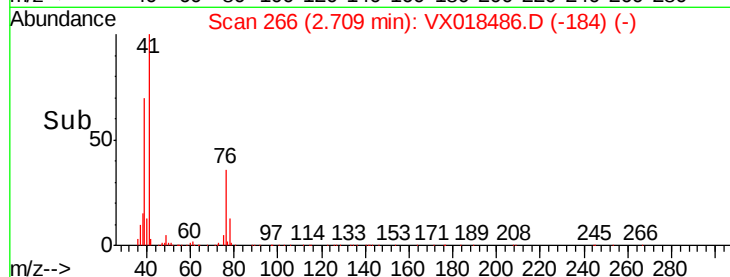
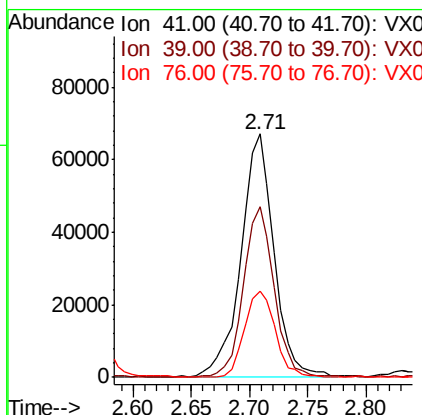
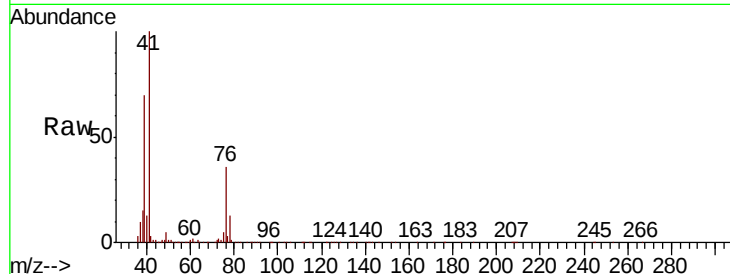




#17
Allvl chloride
Concen: 18.653 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

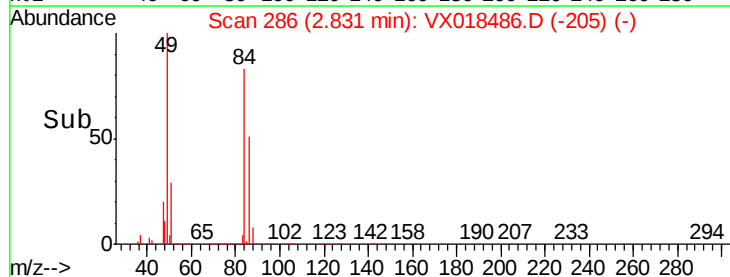
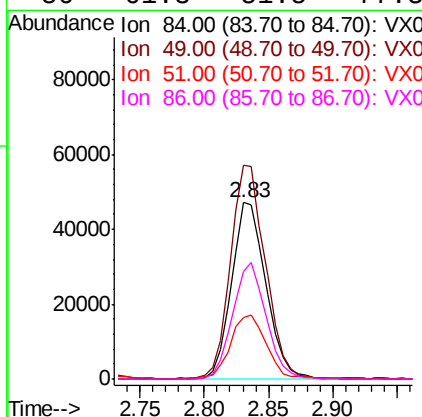
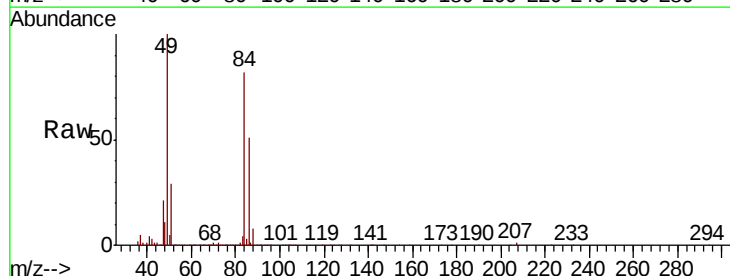
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

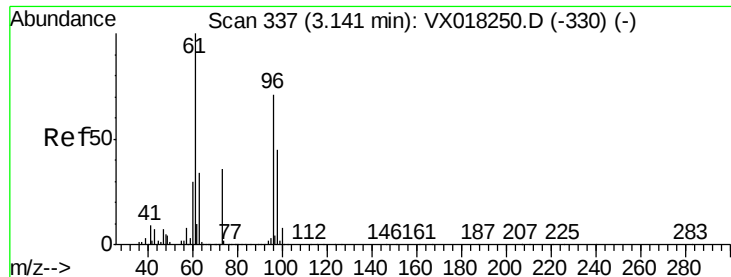
Tot Ion: 41 Resp: 131181
Ion Ratio Lower Upper
41 100
39 70.1 36.0 108.1
76 35.5 18.6 55.6



#18
Methylene Chloride
Concen: 18.989 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 84 Resp: 87690
Ion Ratio Lower Upper
84 100
49 121.3 91.6 137.4
51 34.9 29.4 44.0
86 61.3 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 18.661 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

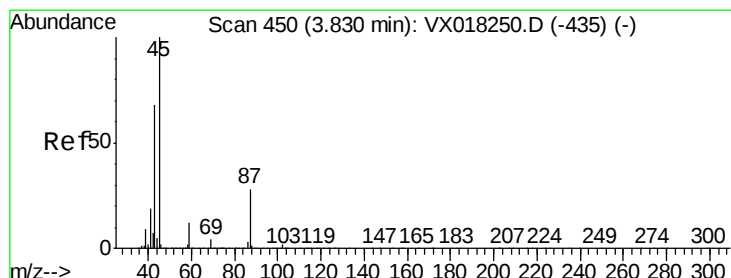
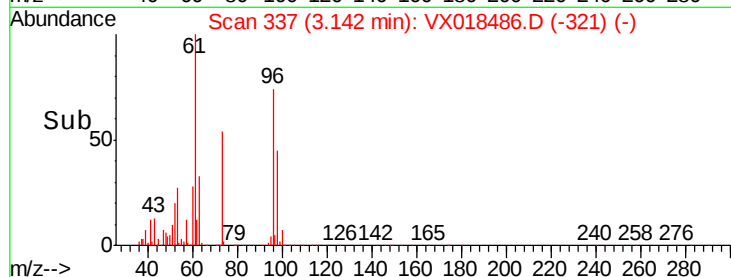
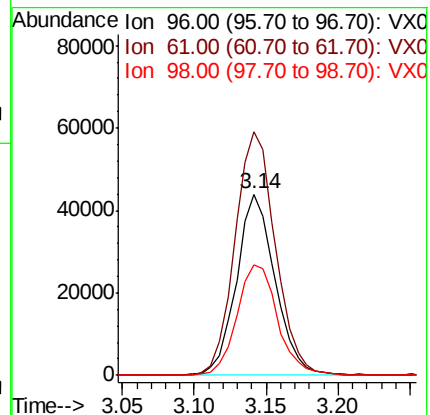
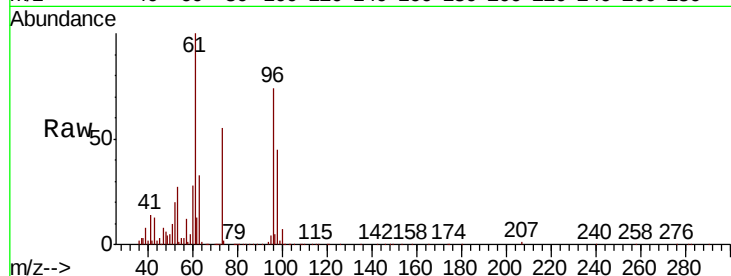
Tot Ion: 96 Resp: 81525

Ion Ratio Lower Upper

96 100

61 134.9 112.8 169.2

98 60.9 51.0 76.4



#20

Diisopropyl ether

Concen: 19.681 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion: 45 Resp: 274014

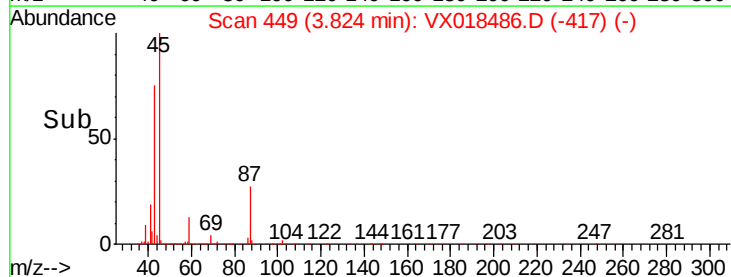
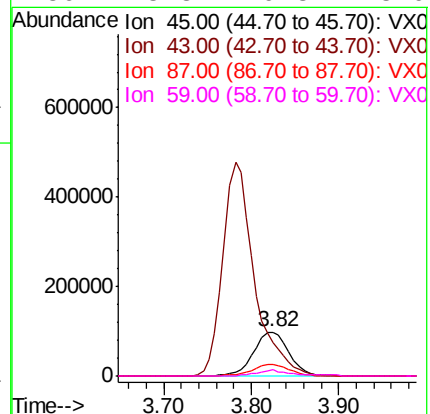
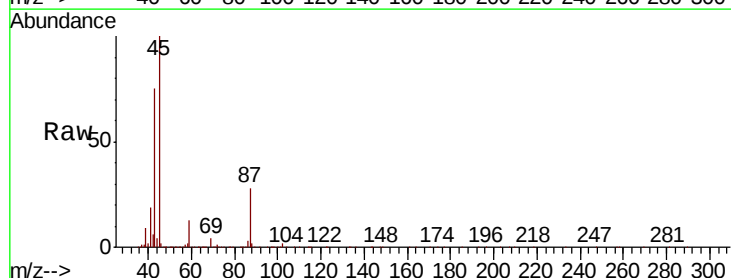
Ion Ratio Lower Upper

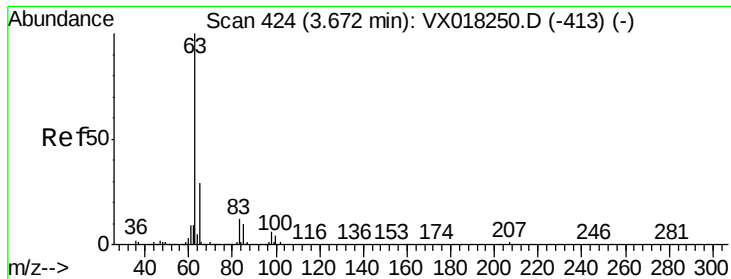
45 100

43 74.9 54.5 81.7

87 27.5 22.2 33.2

59 13.3 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.069 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

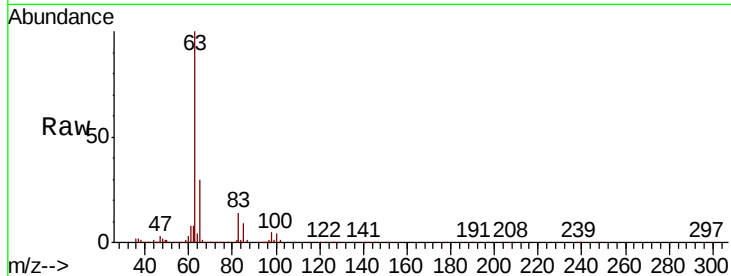
Tot Ion: 63 Resp: 152388

Ion Ratio Lower Upper

63 100

98 5.5 3.2 9.6

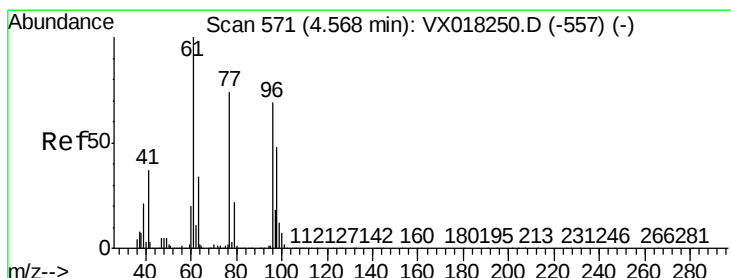
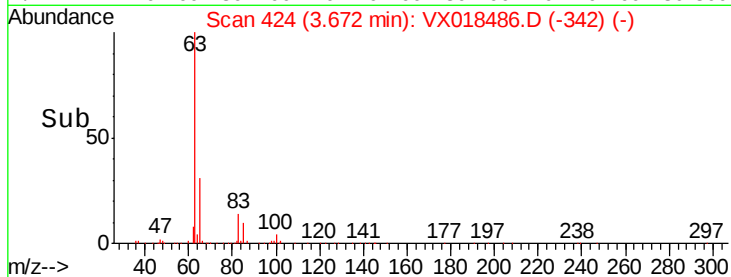
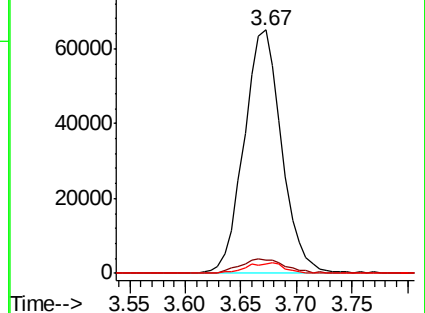
100 3.9 2.1 6.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.889 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

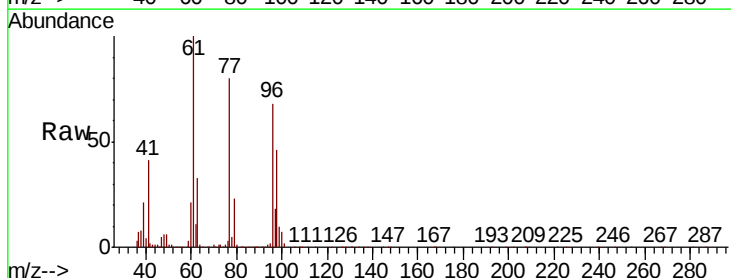
Tgt Ion: 96 Resp: 91300

Ion Ratio Lower Upper

96 100

61 151.8 116.2 174.4

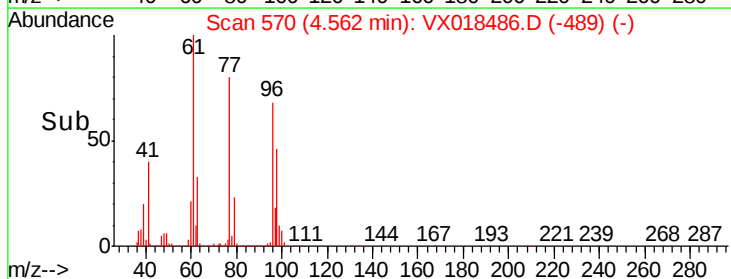
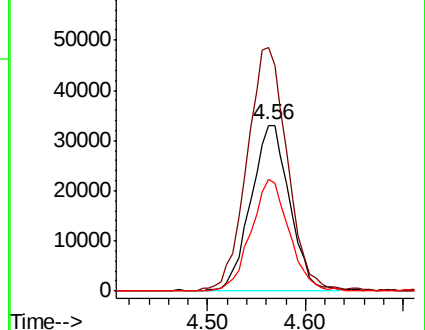
98 65.5 52.5 78.7

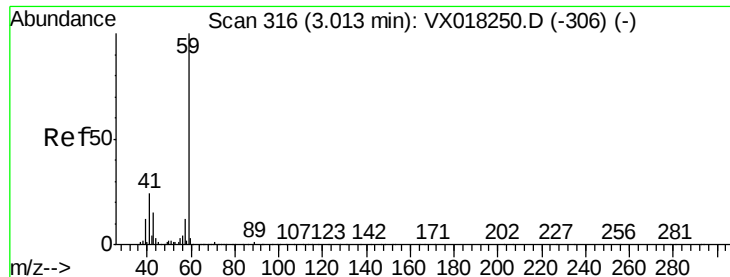


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 91.974 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

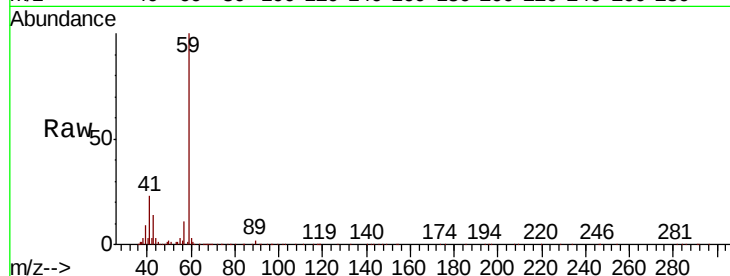
VX0918WBSD01

Tot Ion: 59 Resp: 93539

Ion Ratio Lower Upper

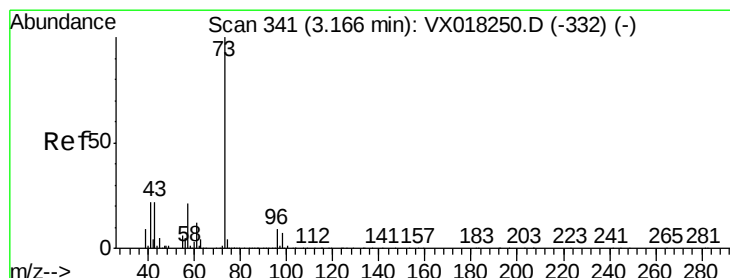
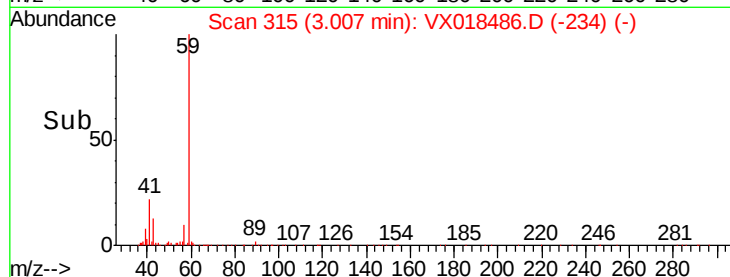
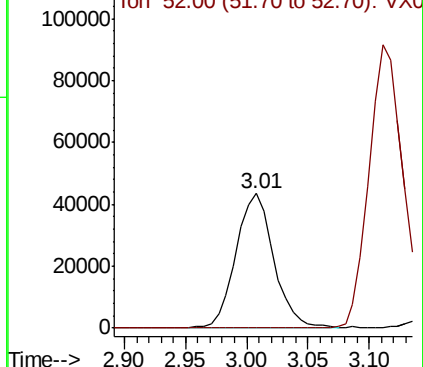
59 100

52 0.1 0.4 0.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.390 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018486.D

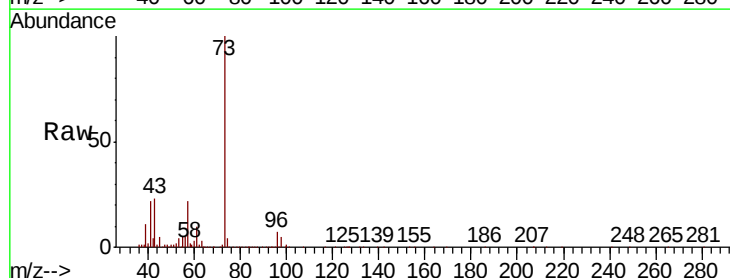
Acq: 18 Sep 2020 12:43

Tgt Ion: 73 Resp: 271244

Ion Ratio Lower Upper

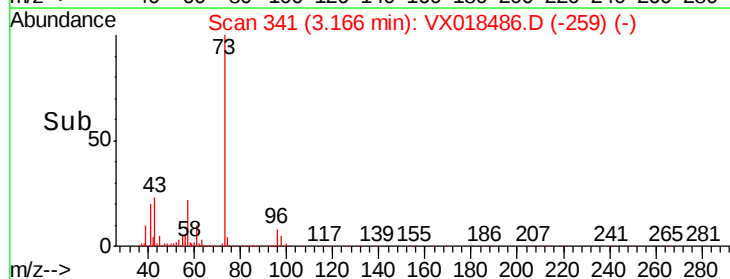
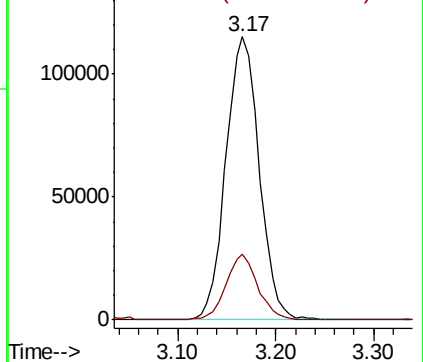
73 100

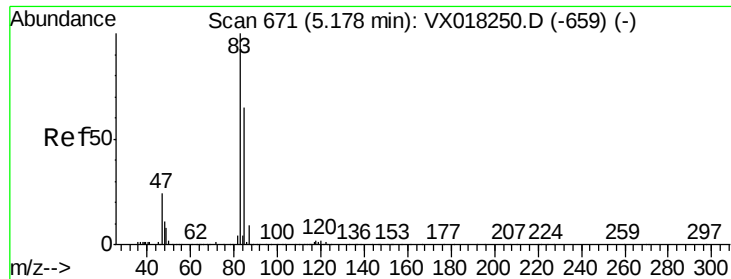
43 21.8 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

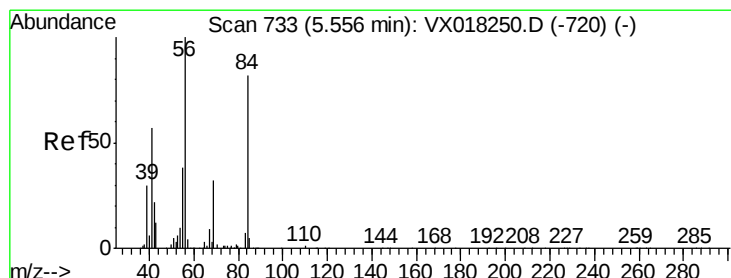
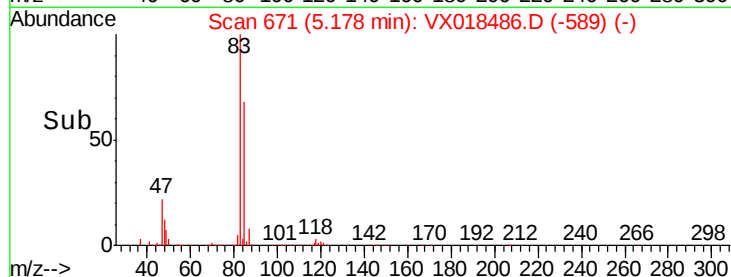
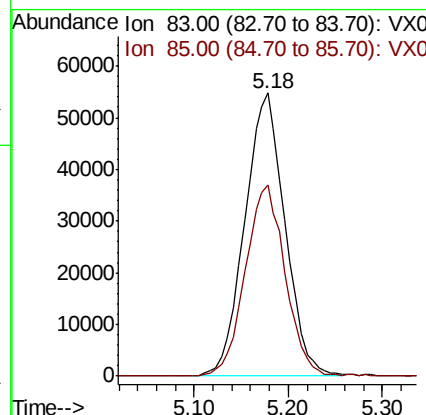
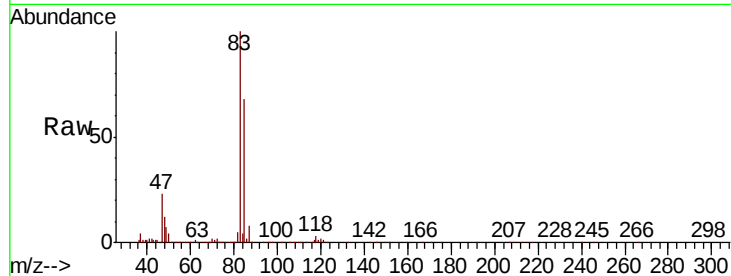




#25
Chloroform
Concen: 19.063 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

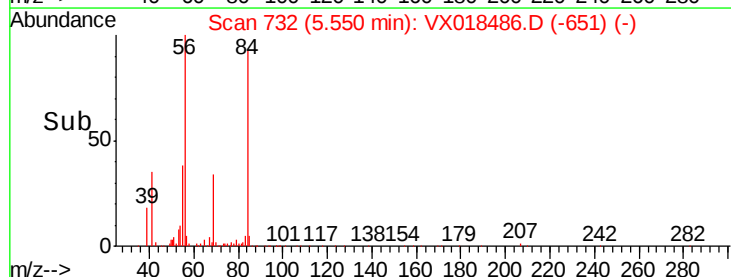
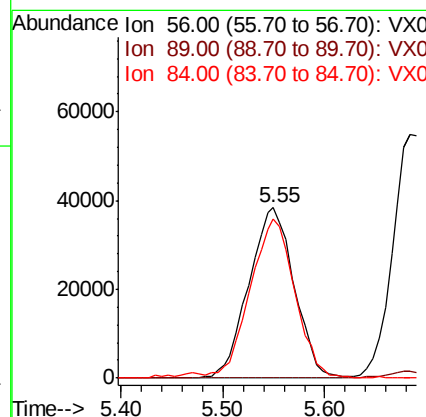
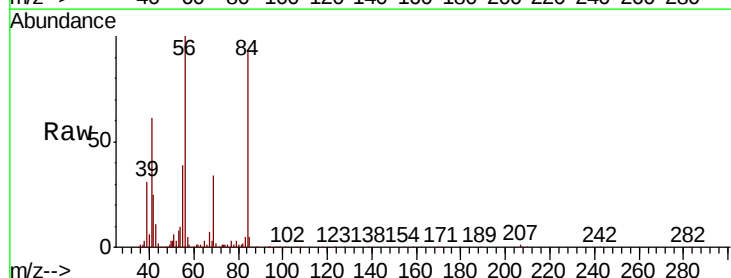
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

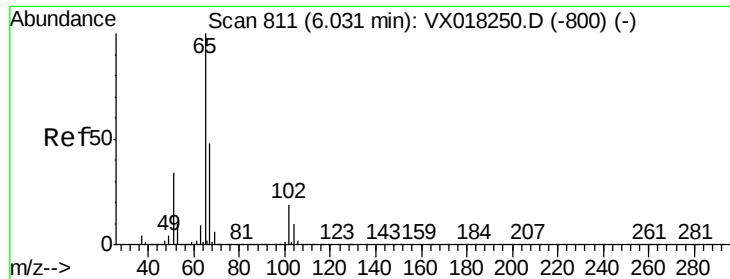
Tot Ion: 83 Resp: 162589
Ion Ratio Lower Upper
83 100
85 67.4 51.6 77.4



#26
Cyclohexane
Concen: 18.233 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 56 Resp: 117608
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 92.4 41.0 61.4#

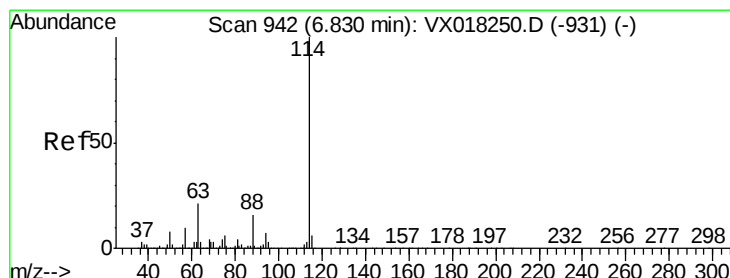
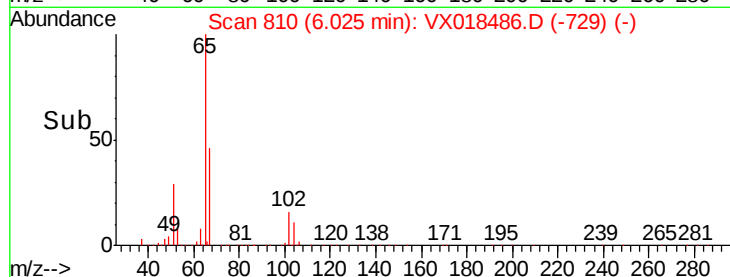
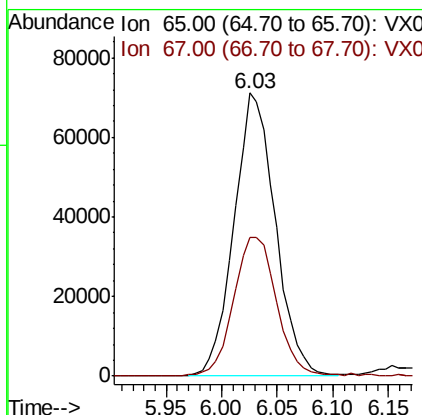
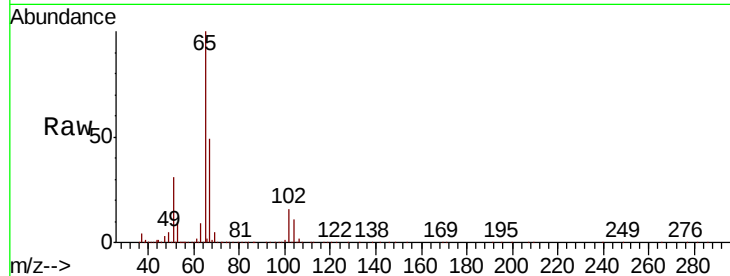




#27
 1,2-Dichloroethane-d4
 Concen: 29.669 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

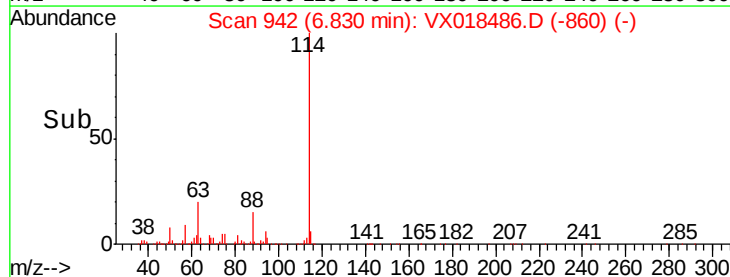
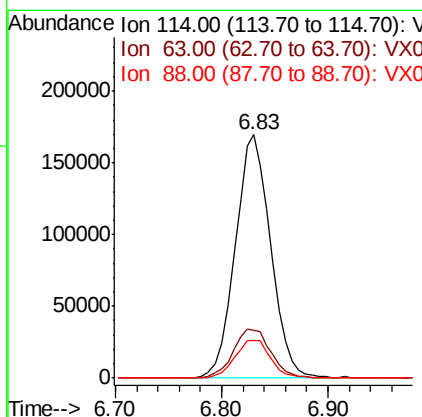
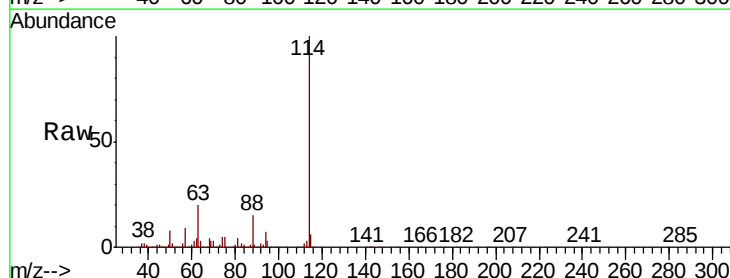
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

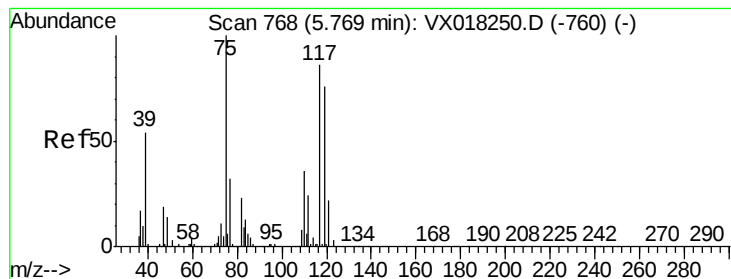
Tot Ion: 65 Resp: 183088
 Ion Ratio Lower Upper
 65 100
 67 51.1 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion: 114 Resp: 394118
 Ion Ratio Lower Upper
 114 100
 63 21.5 16.7 25.1
 88 16.0 12.6 18.8





#29

1,1-Dichloropropene

Concen: 19.630 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

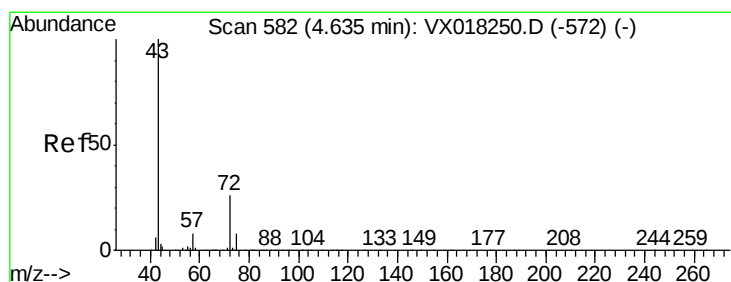
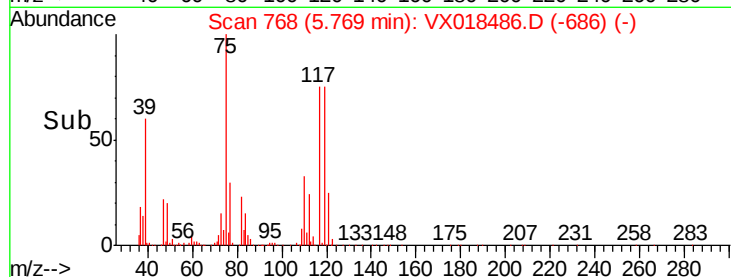
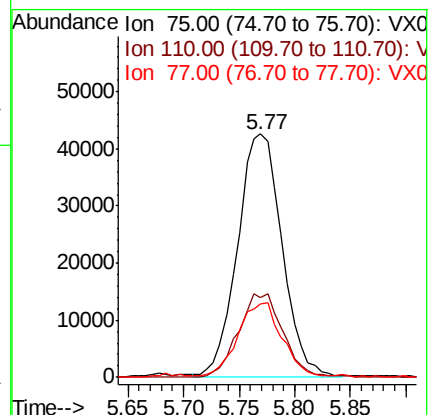
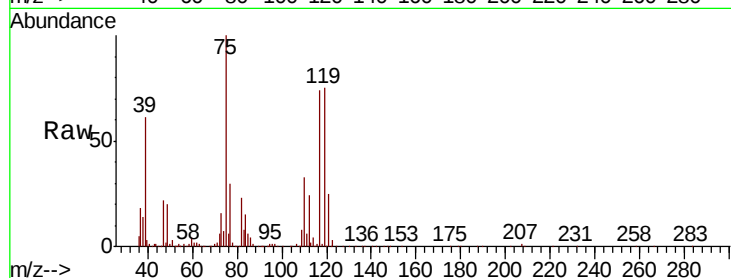
Tot Ion: 75 Resp: 118097

Ion Ratio Lower Upper

75 100

110 34.5 0.0 72.2

77 30.2 0.0 61.0



#30

2-Butanone

Concen: 95.552 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

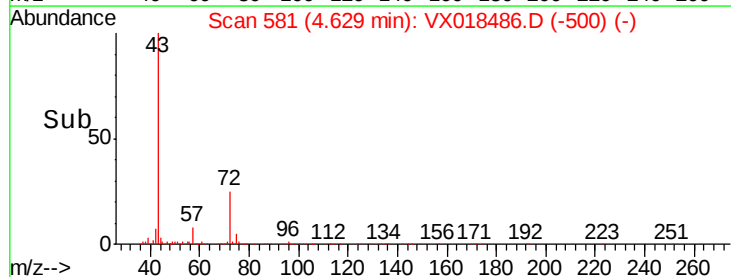
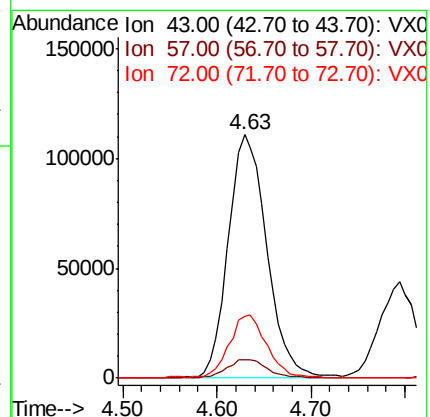
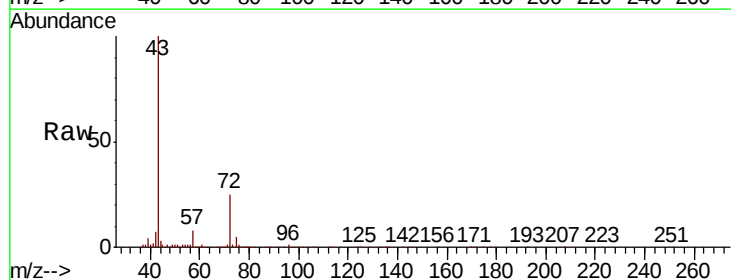
Tgt Ion: 43 Resp: 314757

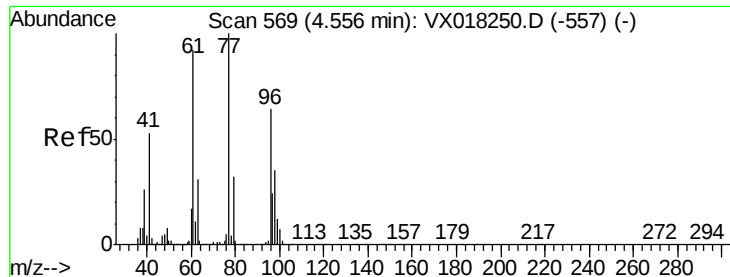
Ion Ratio Lower Upper

43 100

57 7.9 6.7 10.1

72 23.8 20.0 30.0





#31

2,2-Dichloropropane

Concen: 19.022 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

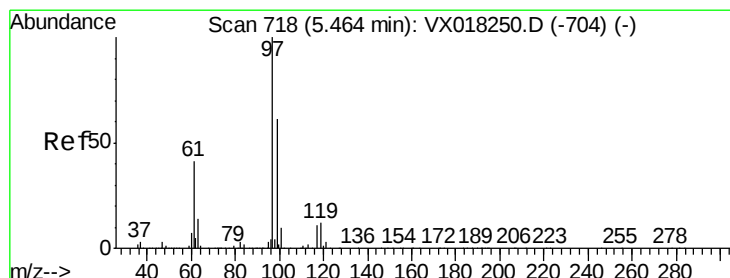
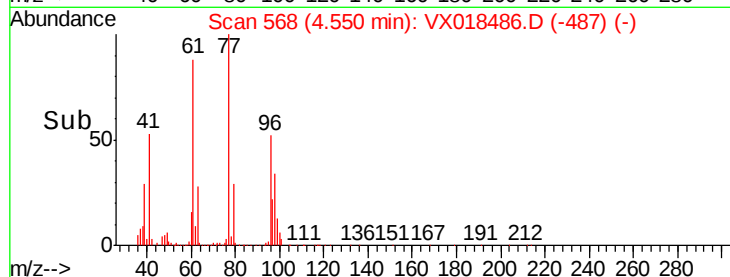
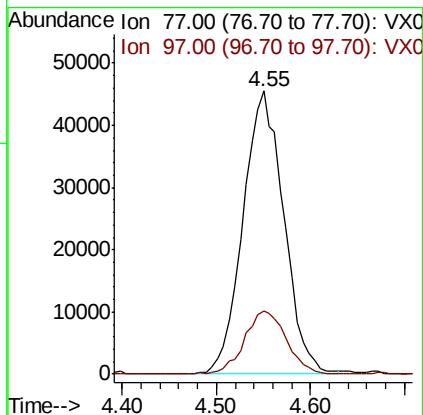
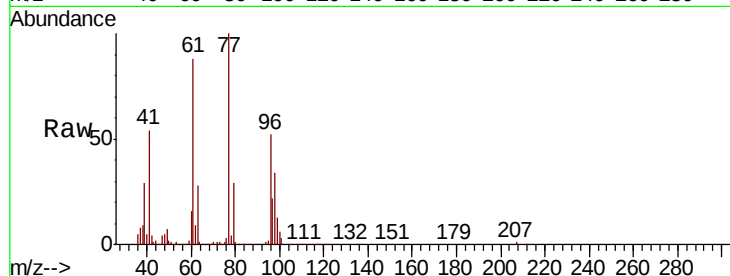
VX0918WBSD01

Tot Ion: 77 Resp: 138233

Ion Ratio Lower Upper

77 100

97 22.9 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 19.100 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

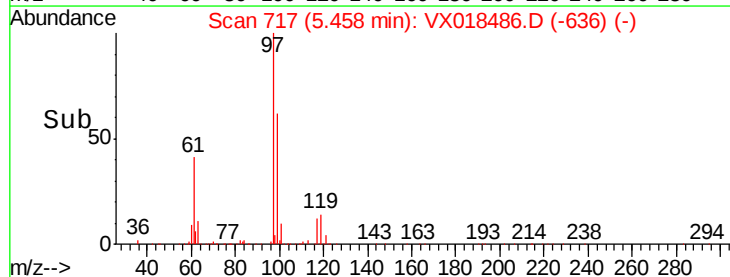
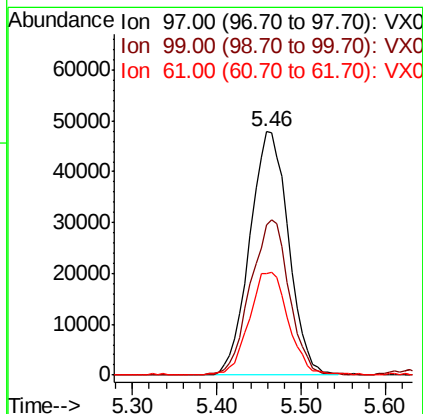
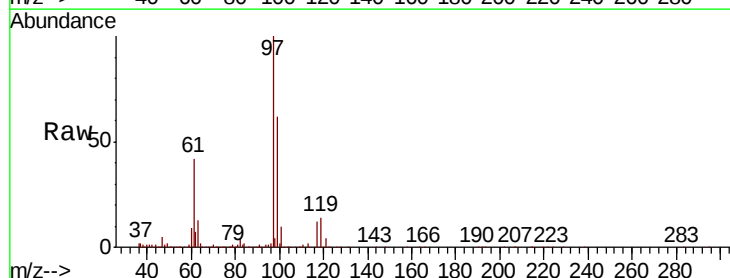
Tgt Ion: 97 Resp: 150401

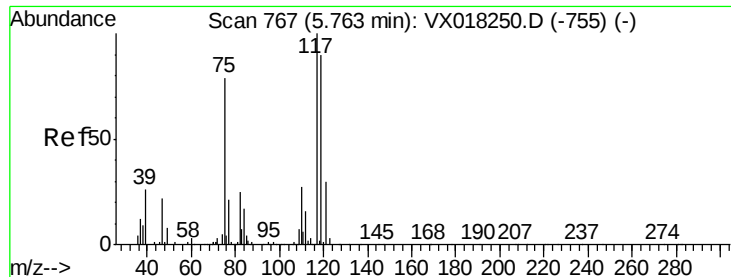
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 42.8 34.5 51.7





#33

Carbon Tetrachloride

Concen: 18.997 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

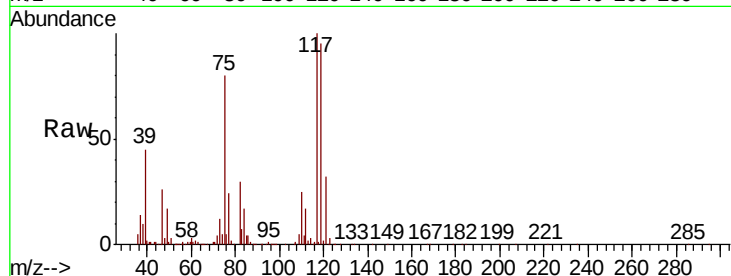
Tot Ion:117 Resp: 139394

Ion Ratio Lower Upper

117 100

119 94.2 72.3 108.5

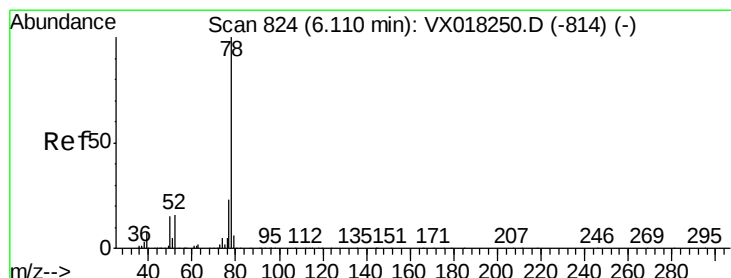
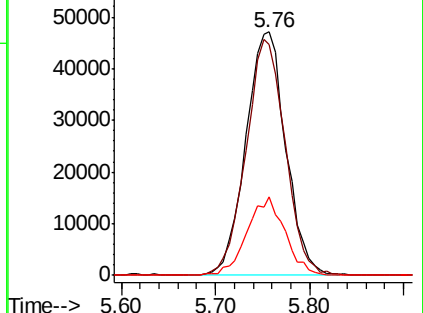
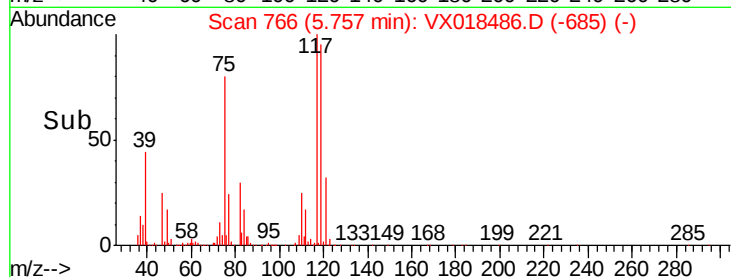
121 32.1 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.985 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

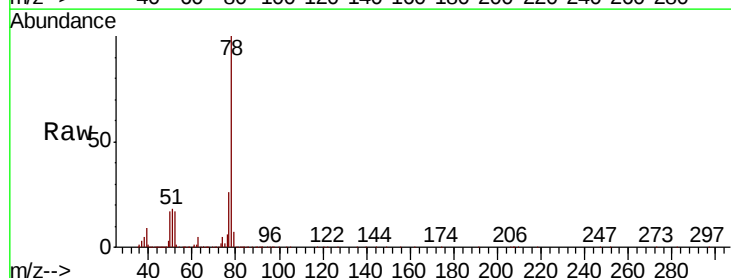
Tgt Ion: 78 Resp: 326028

Ion Ratio Lower Upper

78 100

77 25.8 18.3 27.5

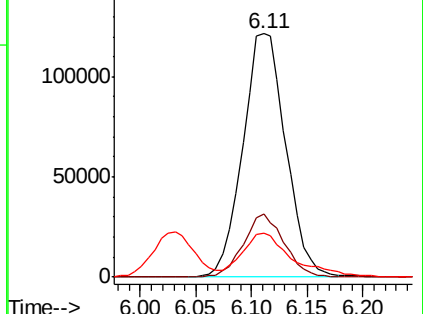
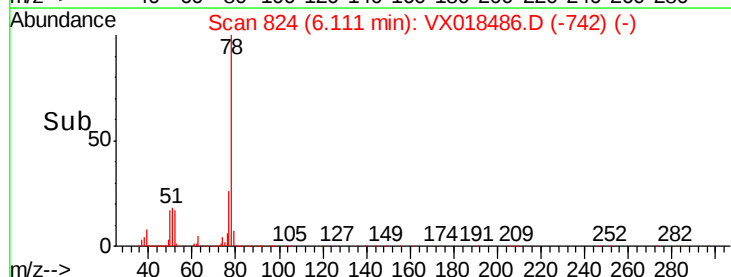
51 15.6 11.3 16.9

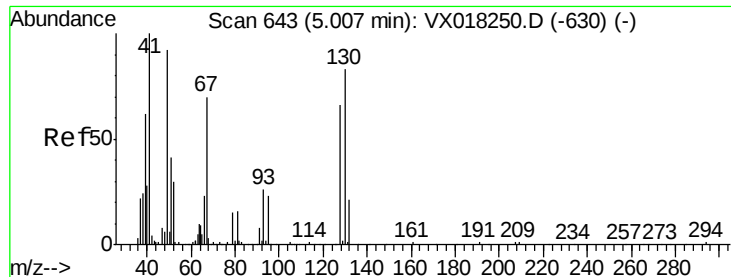


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

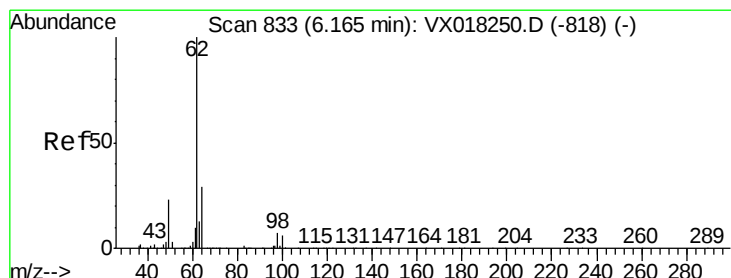
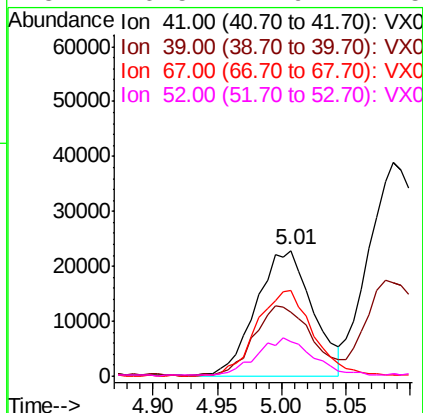
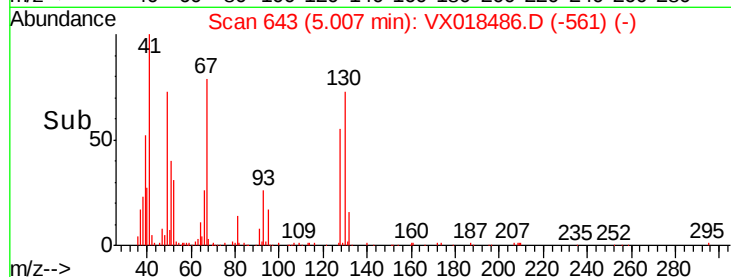
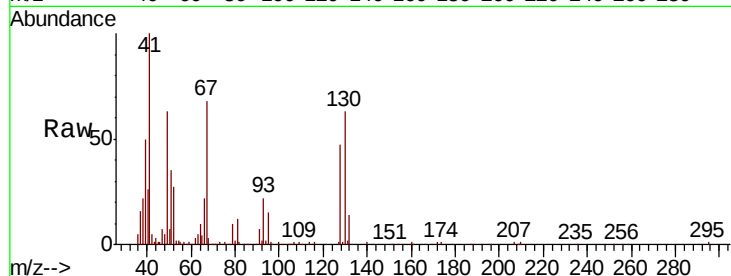




#35
Methacrylonitrile
Concen: 20.034 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

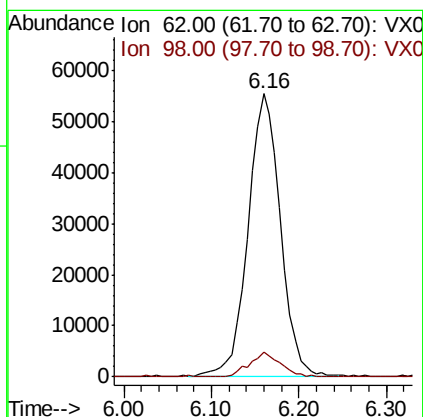
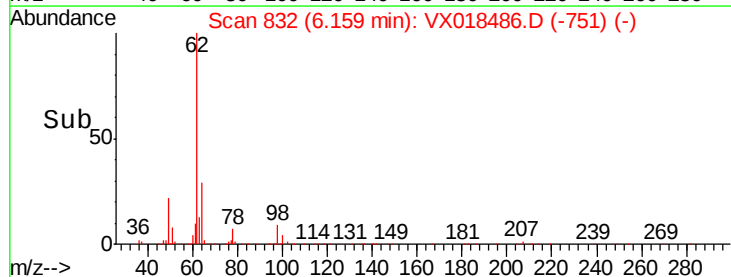
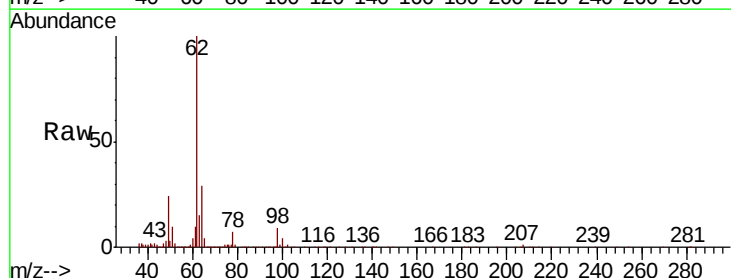
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

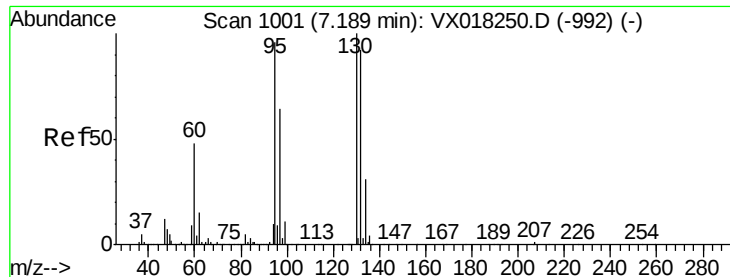
Tot Ion: 41 Resp: 69548
Ion Ratio Lower Upper
41 100
39 50.0 31.3 93.9
67 68.4 35.4 106.2
52 26.5 14.9 44.5



#36
1,2-Dichloroethane
Concen: 19.991 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 62 Resp: 142077
Ion Ratio Lower Upper
62 100
98 8.3 0.0 0.0#

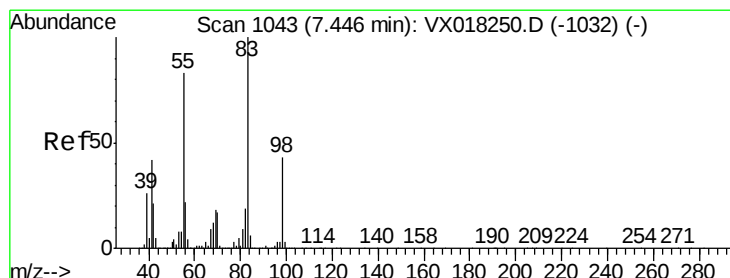
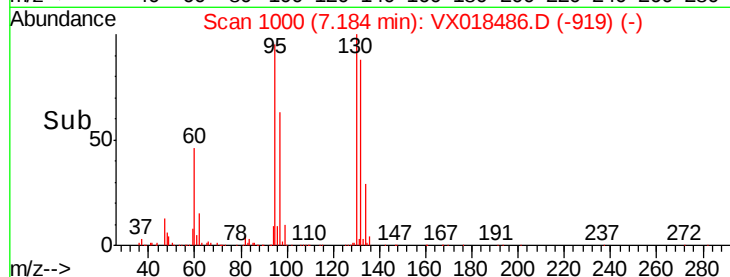
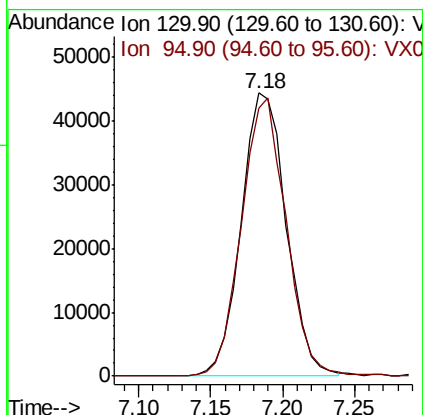
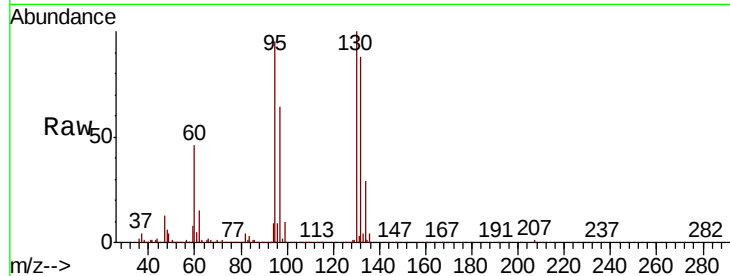




#37
 Trichloroethene
 Concen: 19.370 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

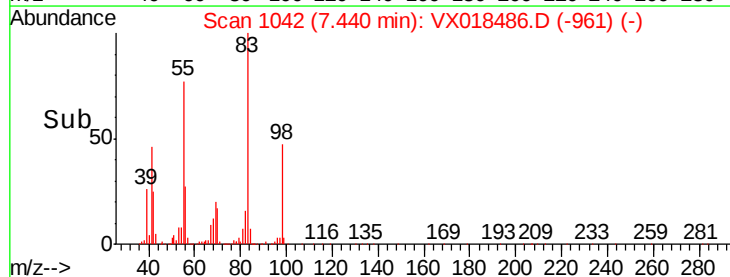
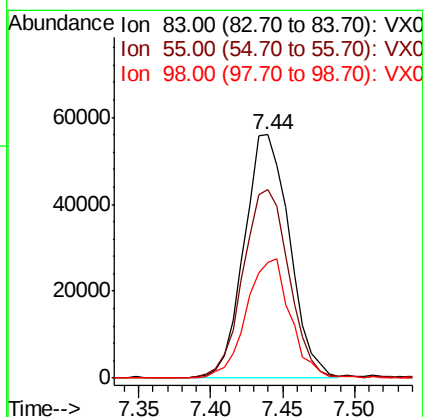
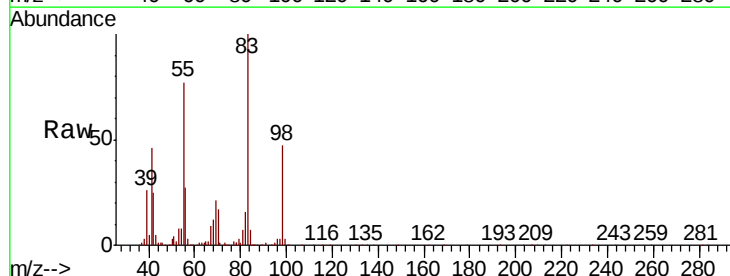
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

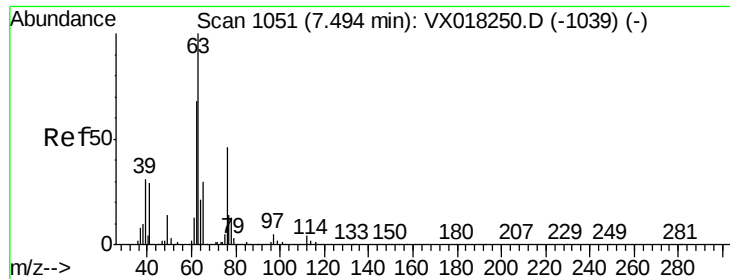
Tot Ion:130 Resp: 96186
 Ion Ratio Lower Upper
 130 100
 95 94.4 76.9 115.3



#38
 Methylcyclohexane
 Concen: 18.926 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion: 83 Resp: 121281
 Ion Ratio Lower Upper
 83 100
 55 79.3 41.1 123.4
 98 47.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.346 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

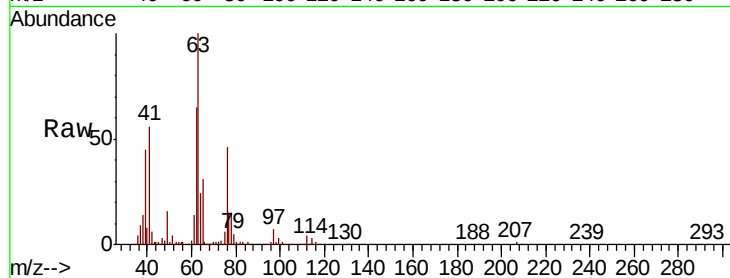
VX0918WBSD01

Tot Ion: 63 Resp: 88981

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

40000

30000

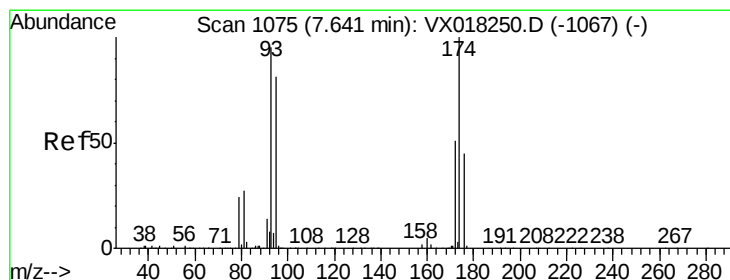
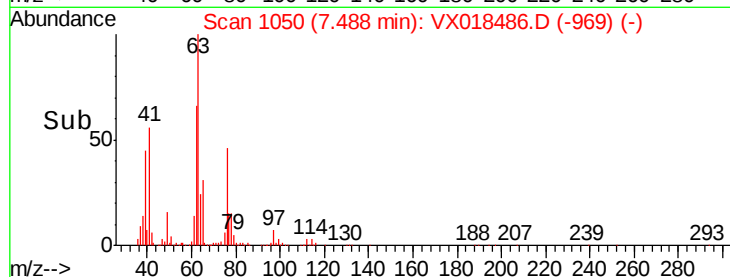
20000

10000

0

7.40 7.45 7.50 7.55

Time-->



#40

Dibromomethane

Concen: 19.772 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

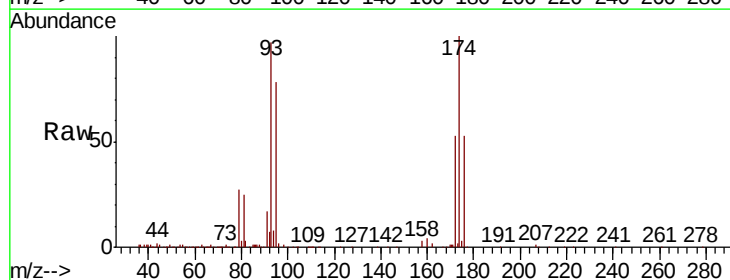
Tgt Ion: 93 Resp: 65673

Ion Ratio Lower Upper

93 100

95 83.9 0.0 167.0

174 100.6 0.0 202.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.64

40000

30000

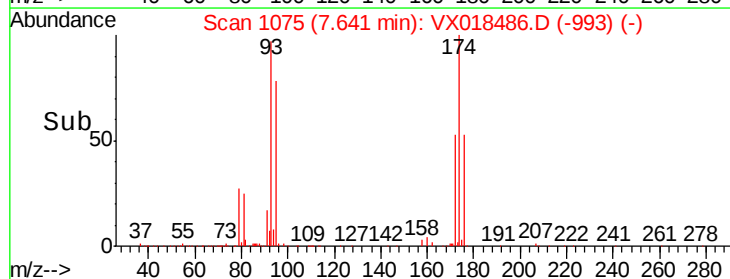
20000

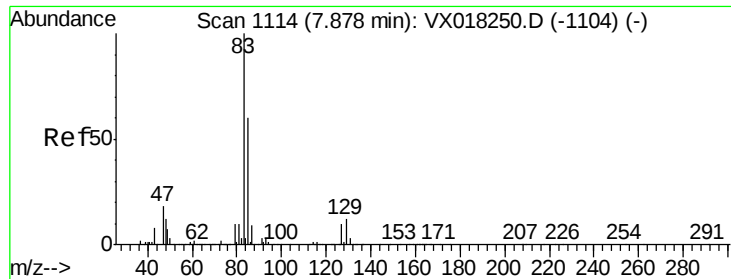
10000

0

7.55 7.60 7.65 7.70

Time-->





#41

Bromodichloromethane

Concen: 19.054 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

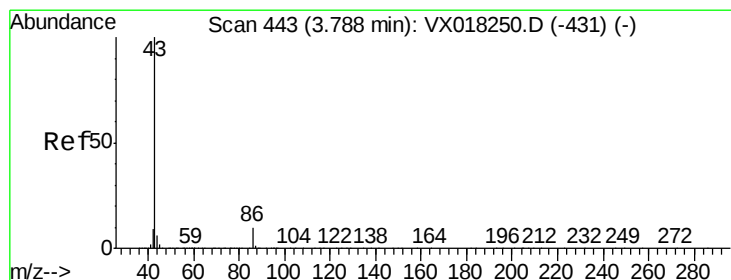
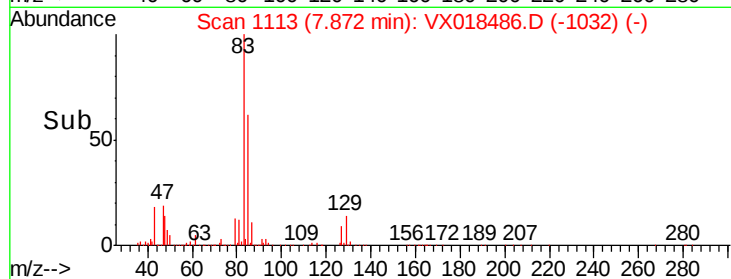
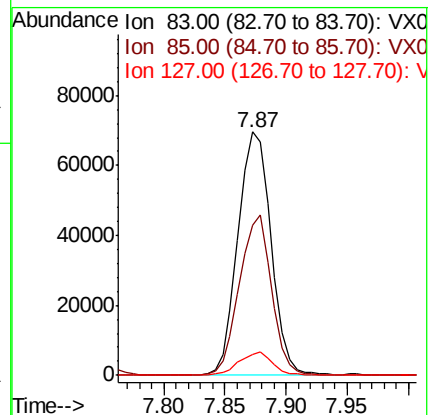
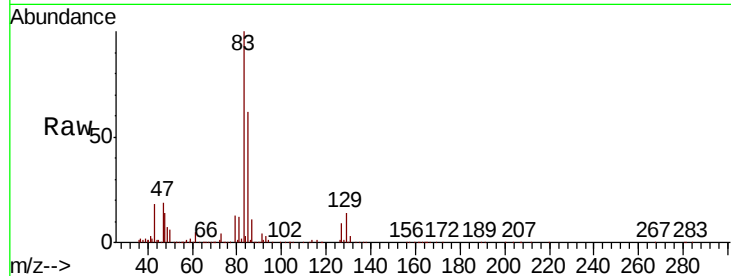
Tot Ion: 83 Resp: 131167

Ion Ratio Lower Upper

83 100

85 62.1 48.2 72.2

127 8.8 8.0 12.0



#42

Vinyl Acetate

Concen: 98.135 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018486.D

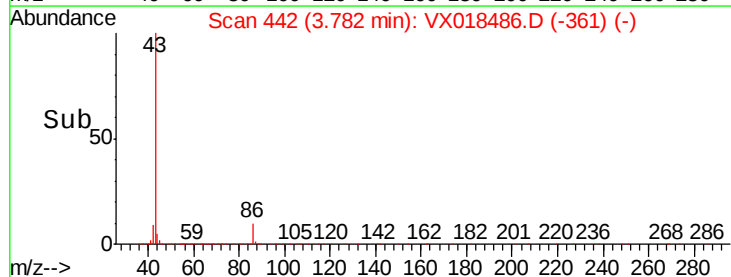
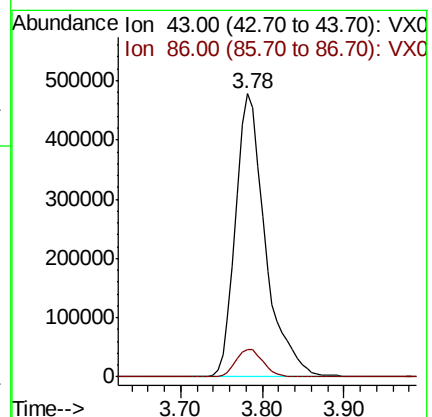
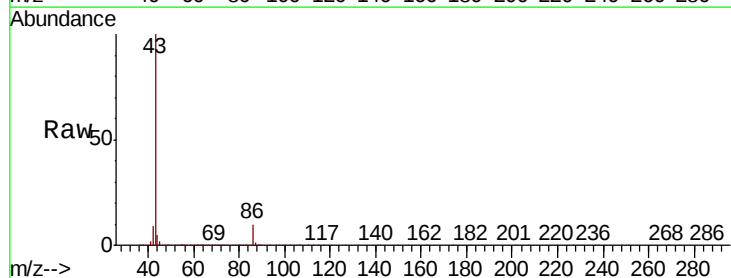
Acq: 18 Sep 2020 12:43

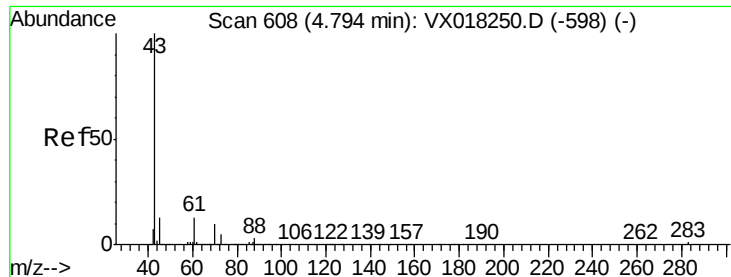
Tgt Ion: 43 Resp: 1206060

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8

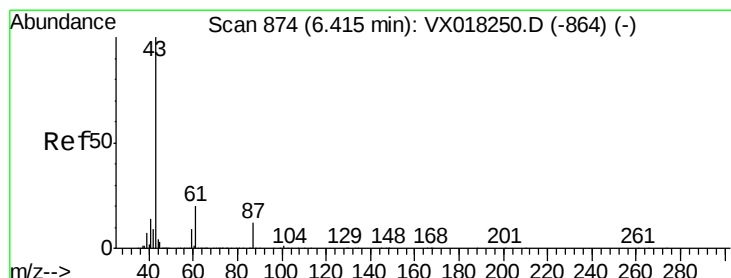
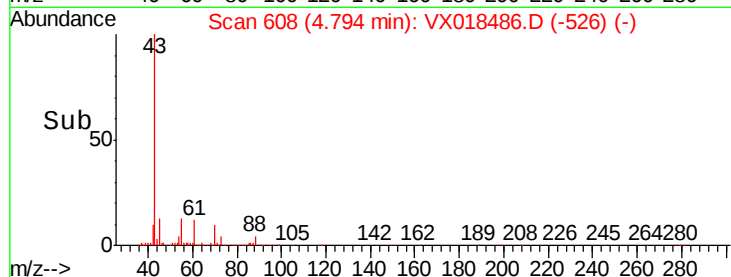
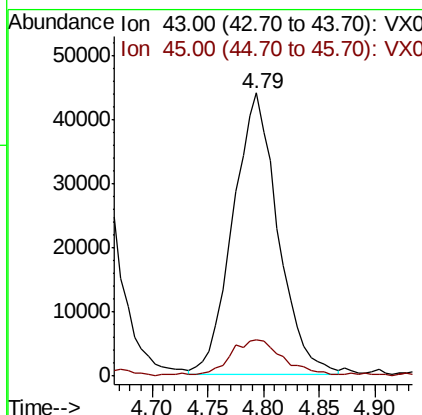
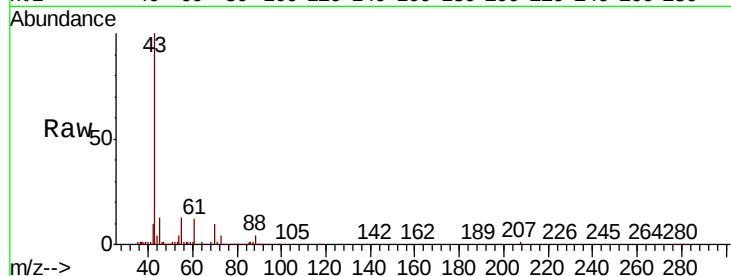




#43
Ethyl Acetate
Concen: 18.804 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

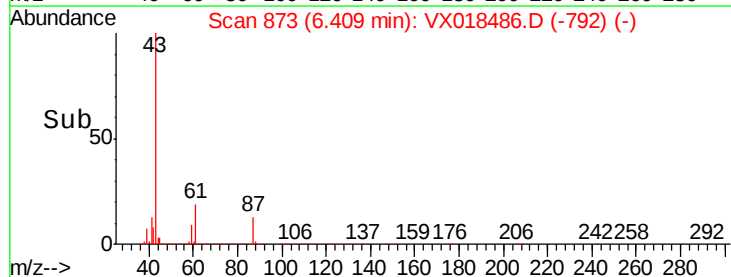
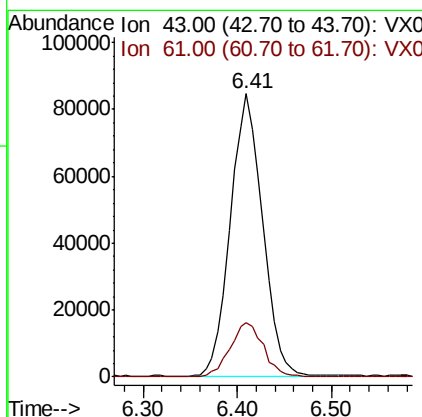
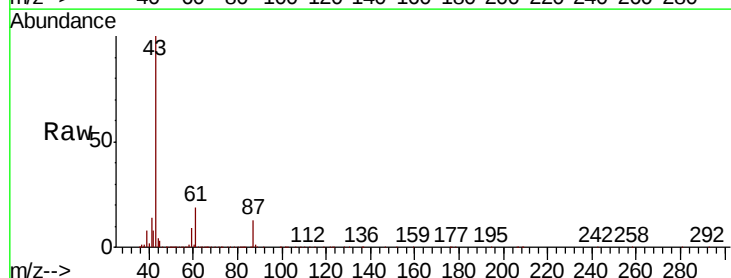
Instrument :
MSVOA_X
ClientSampleID :
VX0918WBSD01

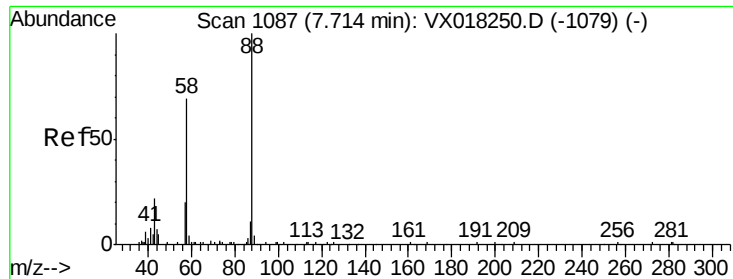
Tot Ion: 43 Resp: 123169
Ion Ratio Lower Upper
43 100
45 13.9 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.162 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 43 Resp: 202275
Ion Ratio Lower Upper
43 100
61 19.7 14.6 22.0

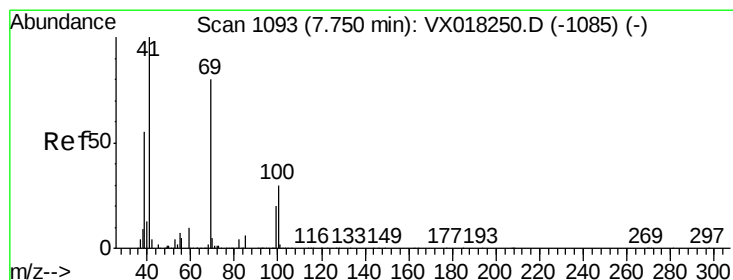
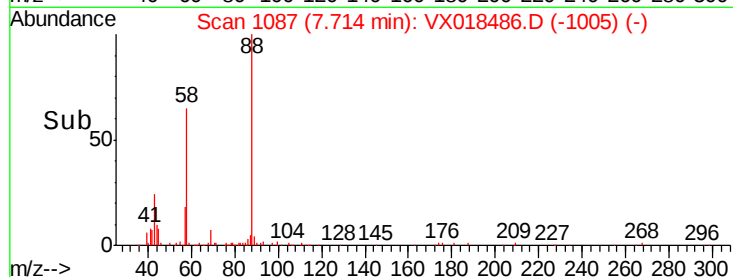
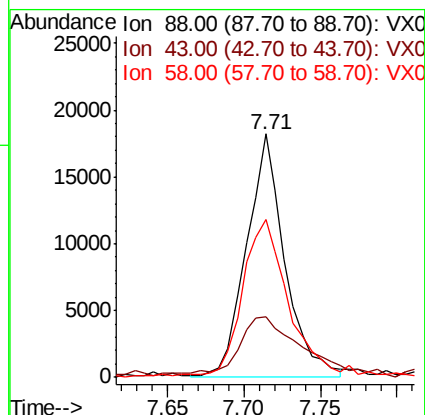
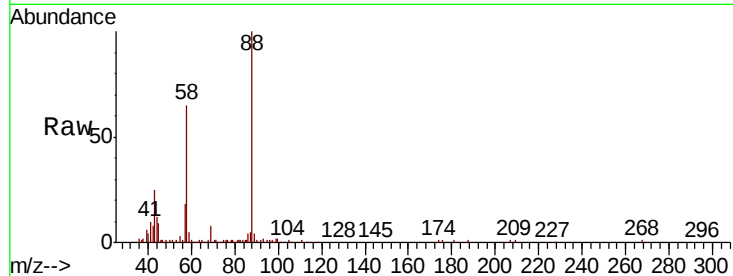




#45
 1,4-Dioxane
 Concen: 359.665 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

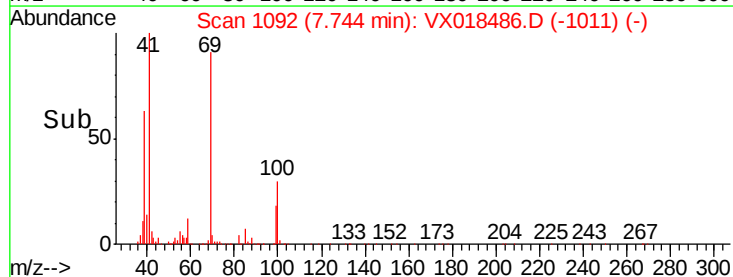
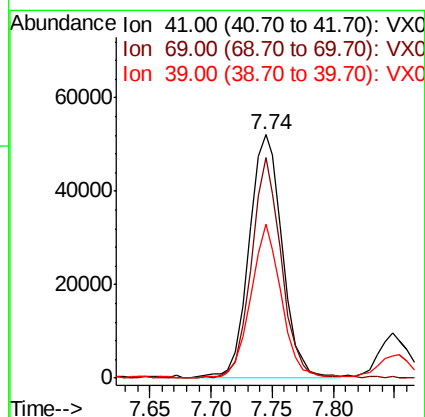
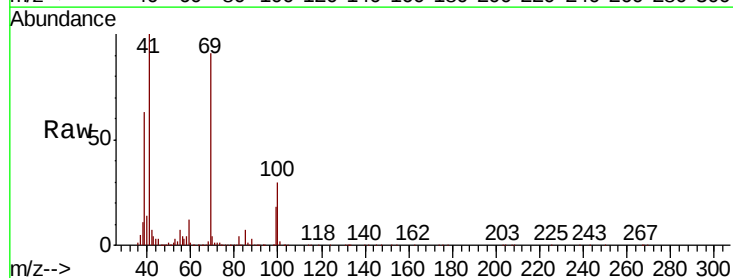
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

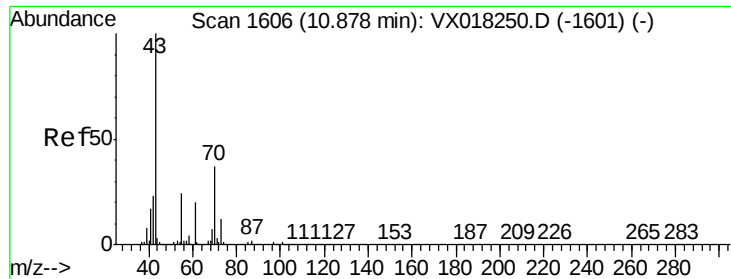
Tot Ion: 88 Resp: 31718
 Ion Ratio Lower Upper
 88 100
 43 35.3 13.6 20.4#
 58 74.8 58.2 87.4



#46
 Methyl methacrylate
 Concen: 19.002 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion: 41 Resp: 98722
 Ion Ratio Lower Upper
 41 100
 69 90.7 40.3 120.8
 39 63.0 27.3 81.9

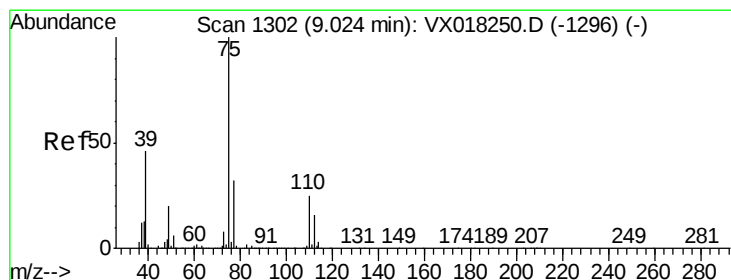
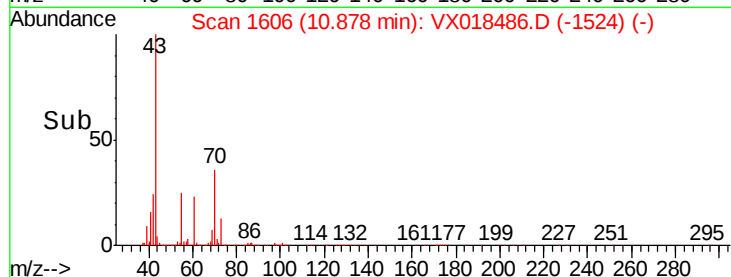
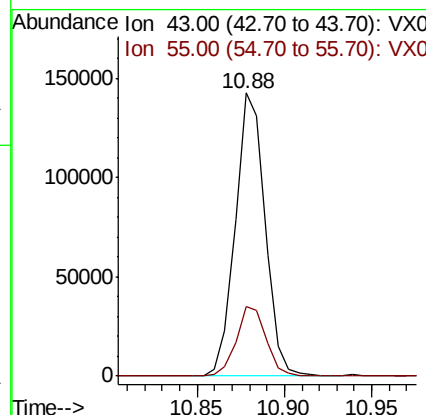
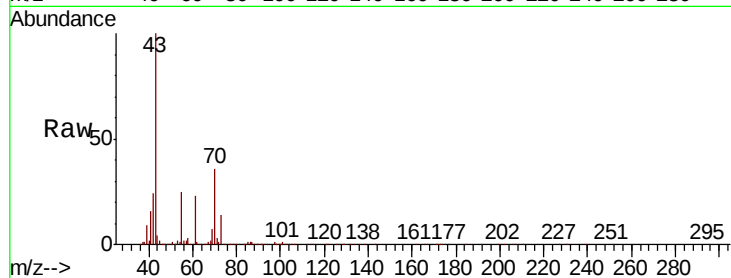




#47
n-amvl Acetate
Concen: 18.174 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

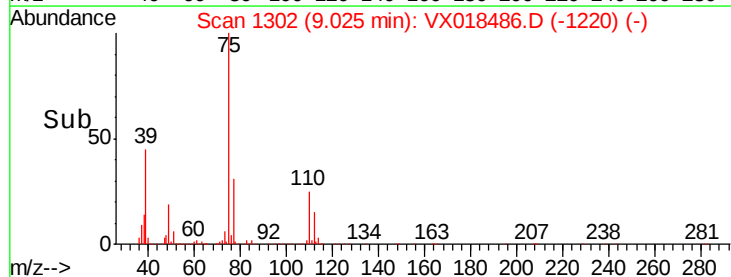
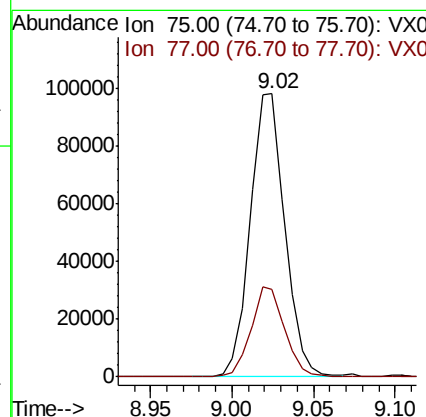
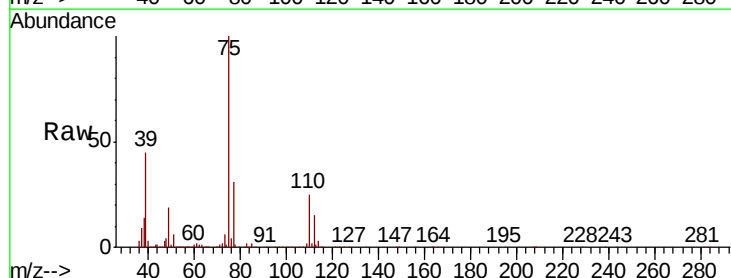
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

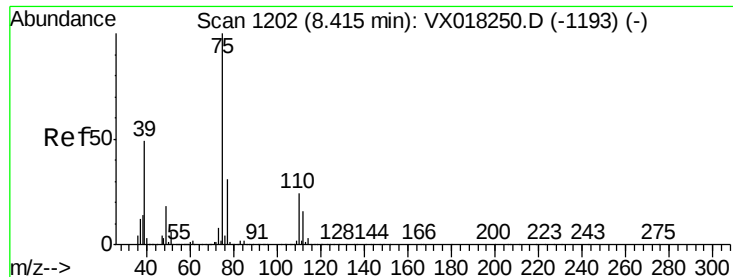
Tot Ion: 43 Resp: 168574
Ion Ratio Lower Upper
43 100
55 24.1 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 19.581 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 75 Resp: 144796
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 19.426 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

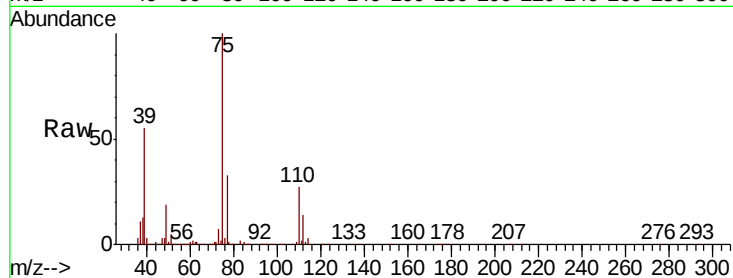
Tot Ion: 75 Resp: 150902

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1

39 54.4 39.6 59.4

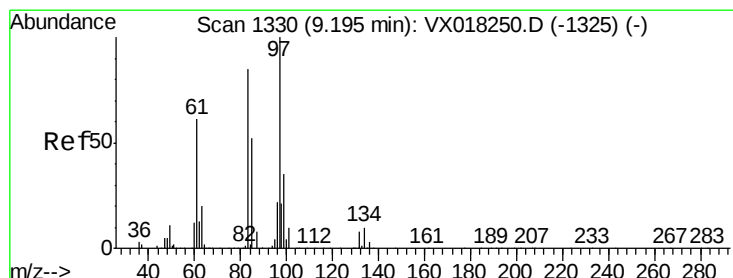
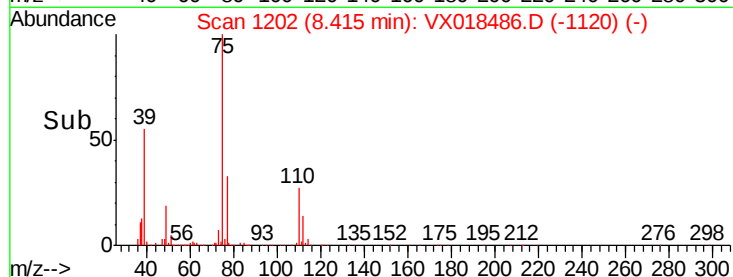
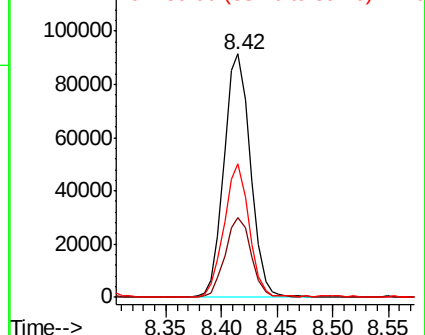


Abundance

Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 19.887 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion: 97 Resp: 92042

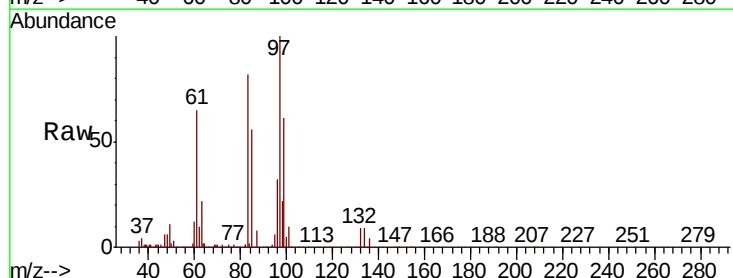
Ion Ratio Lower Upper

97 100

83 81.3 68.1 102.1

85 55.9 42.6 64.0

99 60.8 48.2 72.2



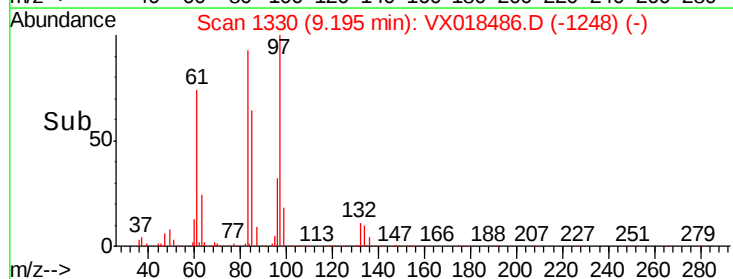
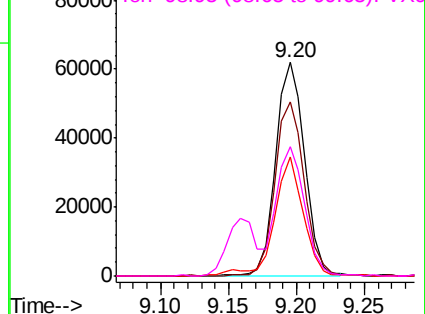
Abundance

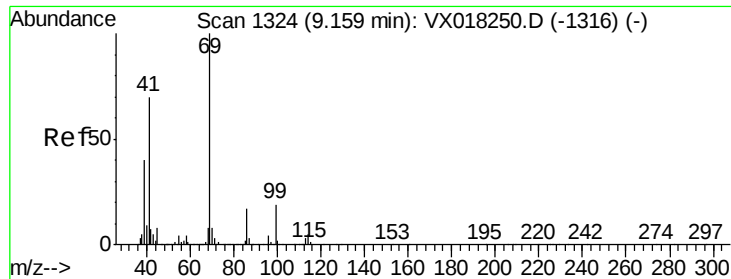
Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0

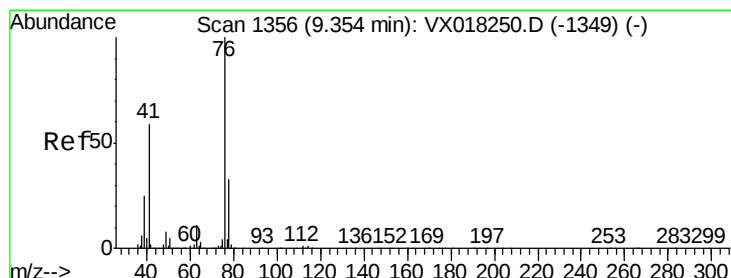
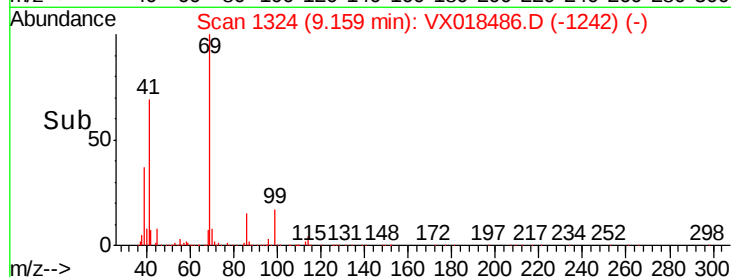
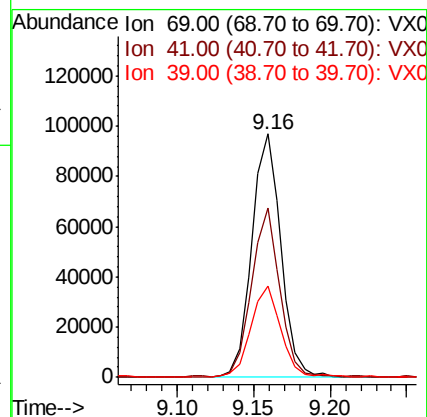
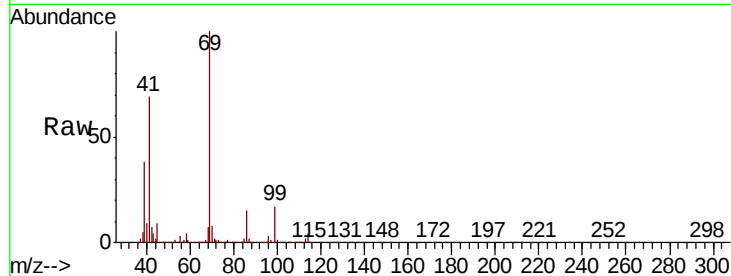




#51
Ethyl methacrylate
Concen: 19.101 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

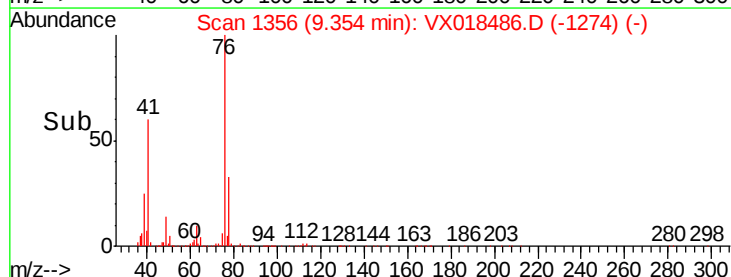
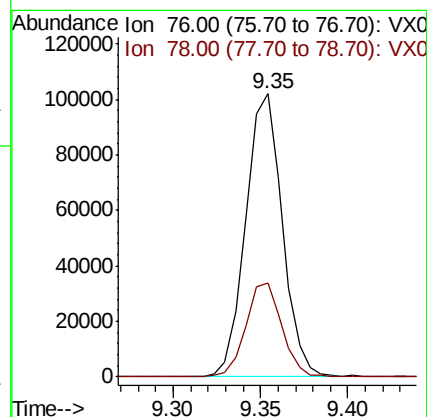
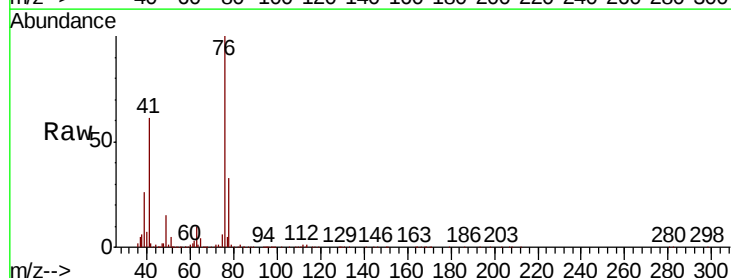
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

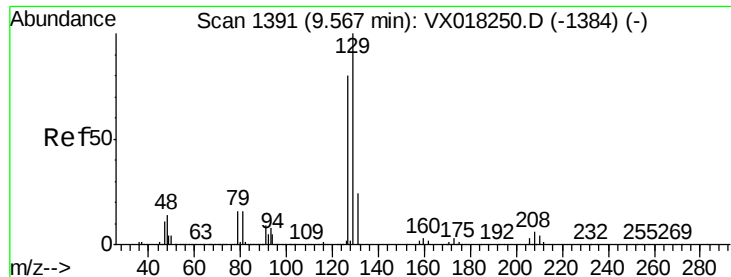
Tot Ion: 69 Resp: 128065
Ion Ratio Lower Upper
69 100
41 68.9 34.9 104.7
39 37.6 19.8 59.3



#52
1,3-Dichloropropane
Concen: 19.336 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 76 Resp: 148539
Ion Ratio Lower Upper
76 100
78 32.3 0.0 62.2





#53

Dibromochloromethane

Concen: 18.896 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

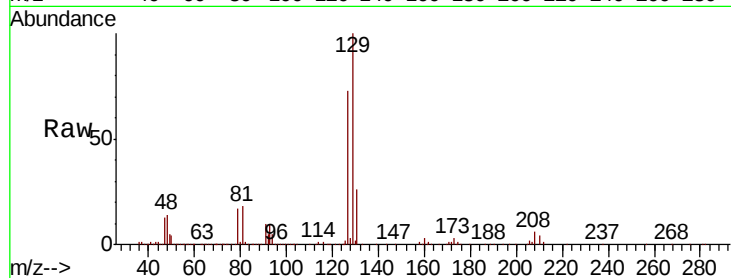
VX0918WBSD01

Tot Ion:129 Resp: 108744

Ion Ratio Lower Upper

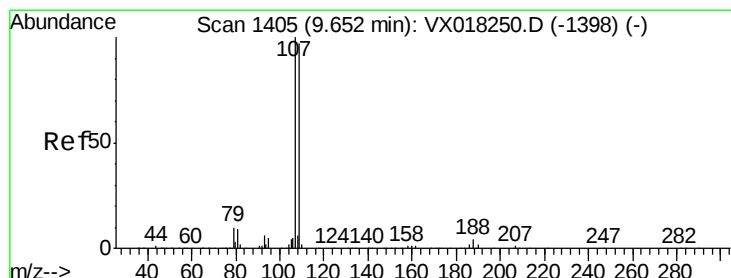
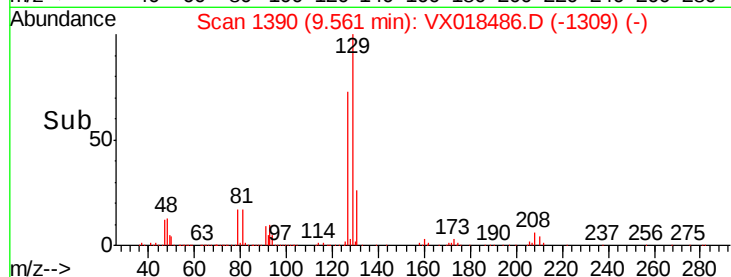
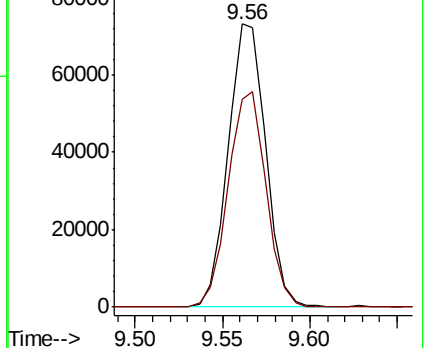
129 100

127 76.6 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.073 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018486.D

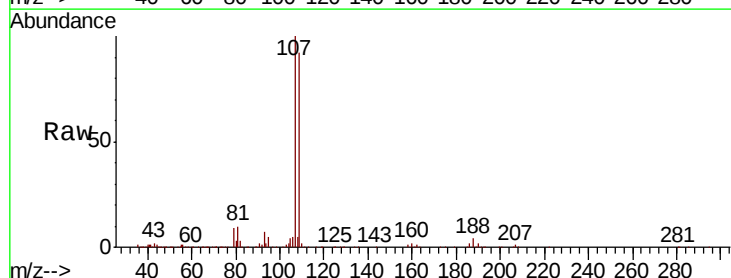
Acq: 18 Sep 2020 12:43

Tgt Ion:107 Resp: 96839

Ion Ratio Lower Upper

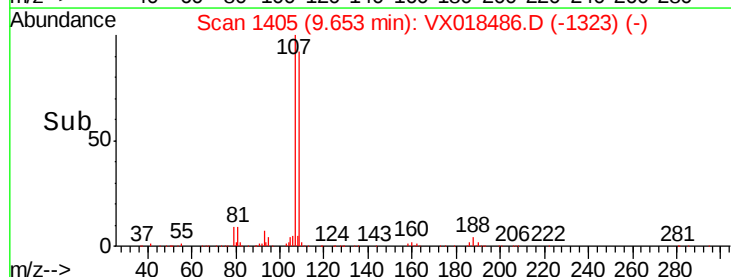
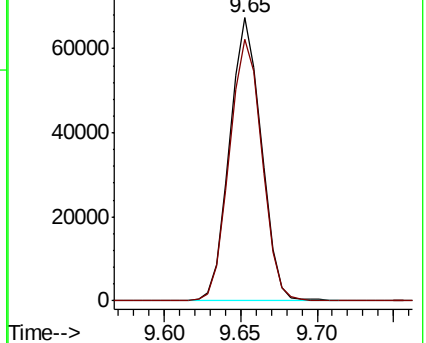
107 100

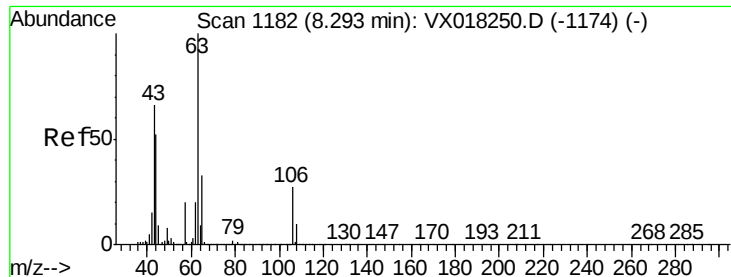
109 94.6 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 93.395 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

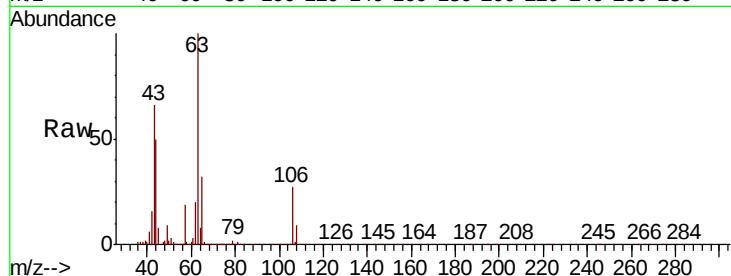
Tot Ion: 63 Resp: 326989

Ion Ratio Lower Upper

63 100

65 32.1 26.0 39.0

106 28.0 22.3 33.5



Abundance Ion 63.00 (62.70 to 63.70): VX018250.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): VX018250.D (-1174) (-)

Ion 106.00 (105.70 to 106.70): VX018250.D (-1174) (-)

8.29

200000

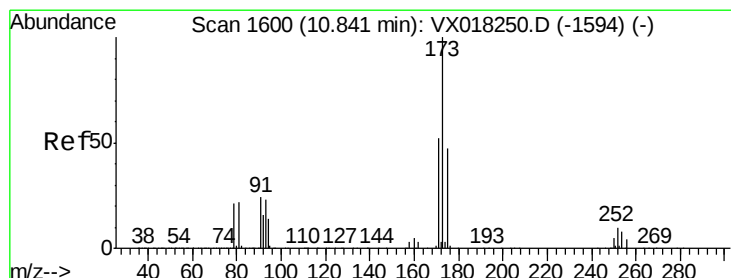
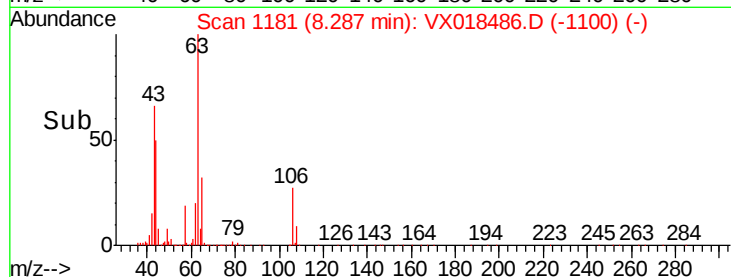
150000

100000

50000

0

Time--> 8.20 8.25 8.30 8.35



#56

Bromoform

Concen: 18.538 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

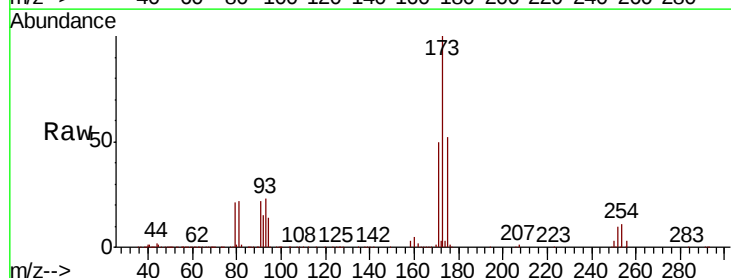
Tgt Ion: 173 Resp: 81058

Ion Ratio Lower Upper

173 100

175 51.2 40.2 60.2

254 9.4 7.3 10.9



Abundance Ion 173.00 (172.70 to 173.70): VX018250.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX018250.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX018250.D (-1594) (-)

10.84

80000

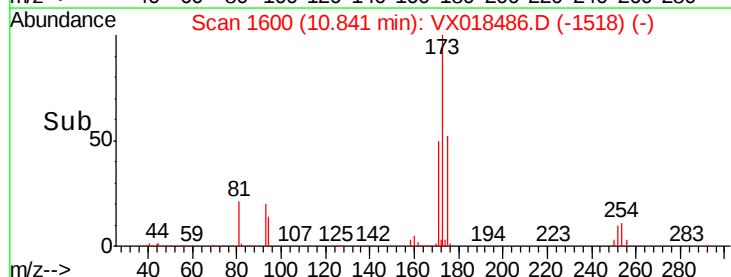
60000

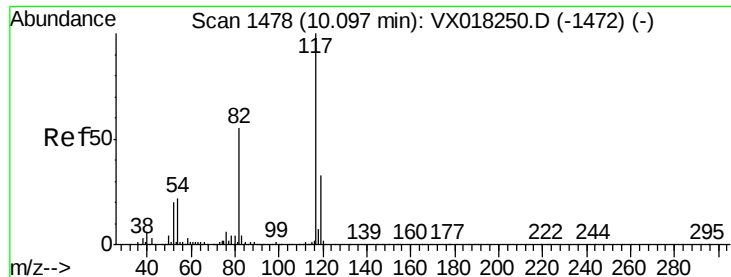
40000

20000

0

Time--> 10.80 10.85 10.90

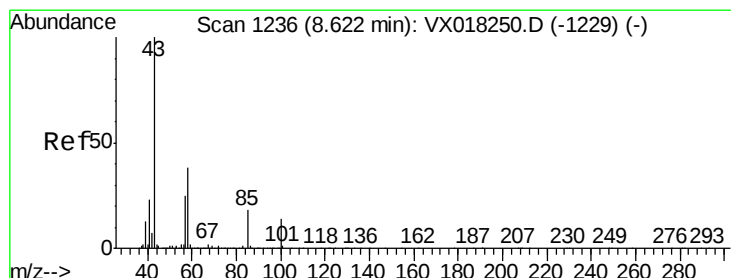
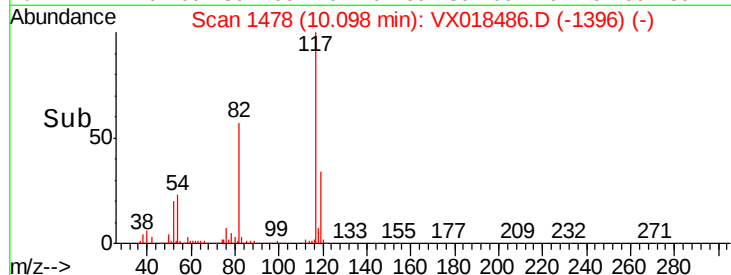
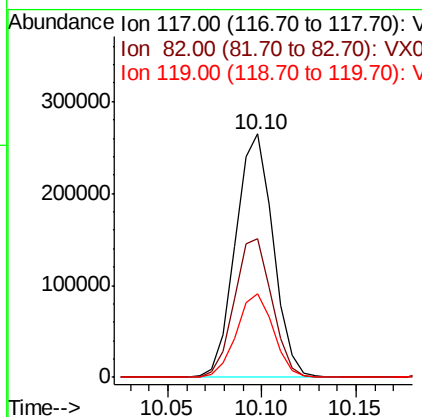
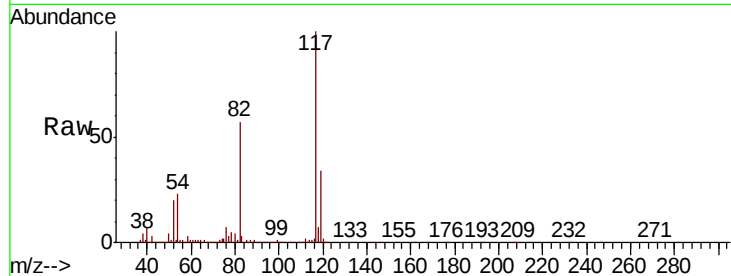




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

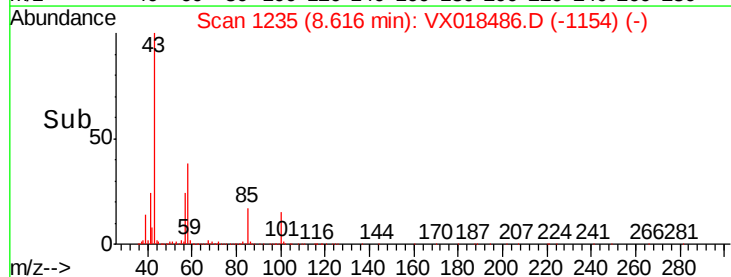
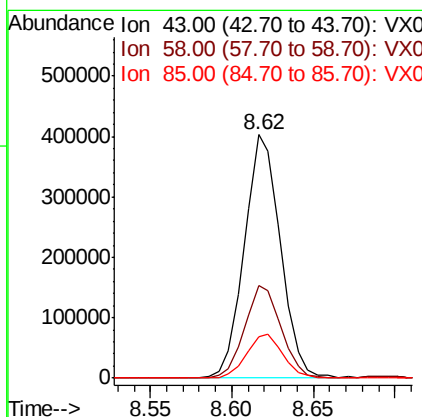
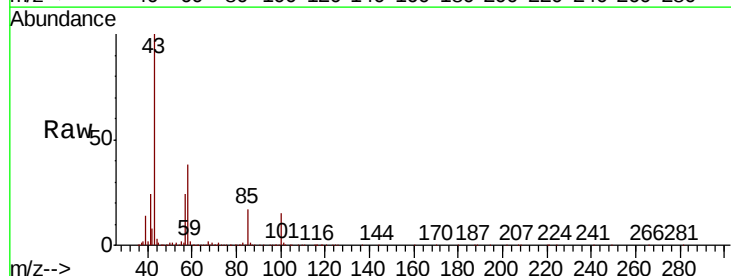
Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

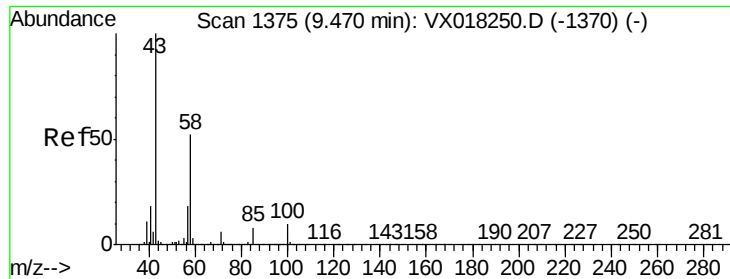
Tot Ion:117 Resp: 366142
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.4
119 33.4 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 98.433 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 43 Resp: 619888
Ion Ratio Lower Upper
43 100
58 38.3 30.0 45.0
85 18.2 14.2 21.4

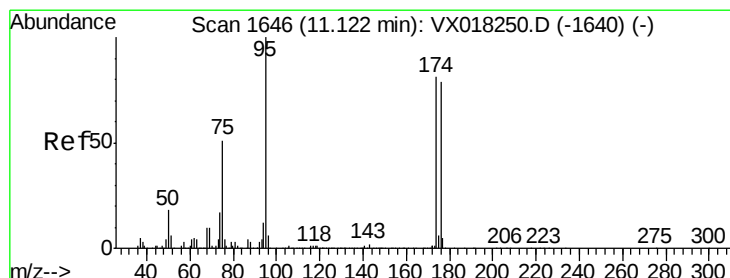
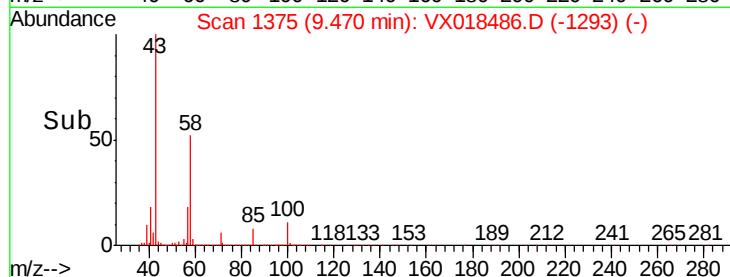
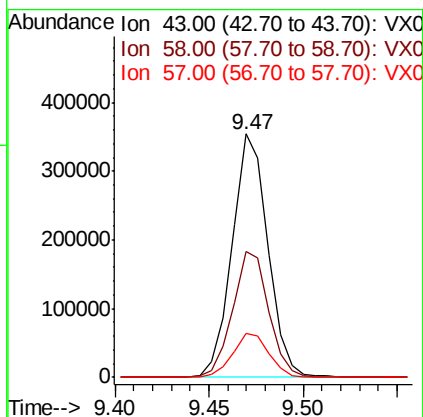
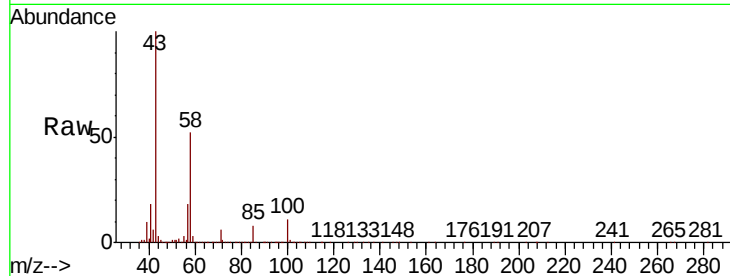




#59
2-Hexanone
Concen: 97.482 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

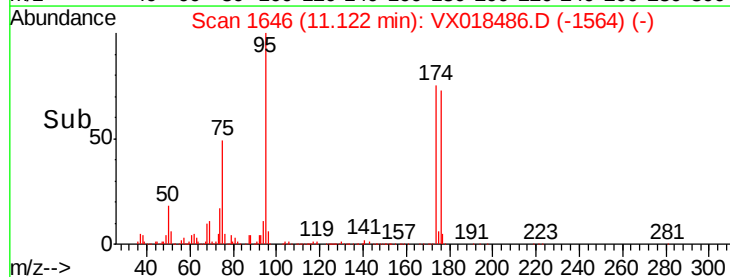
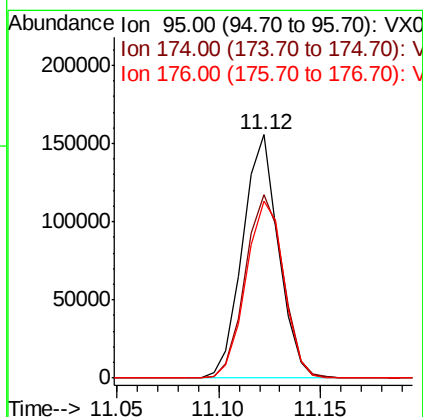
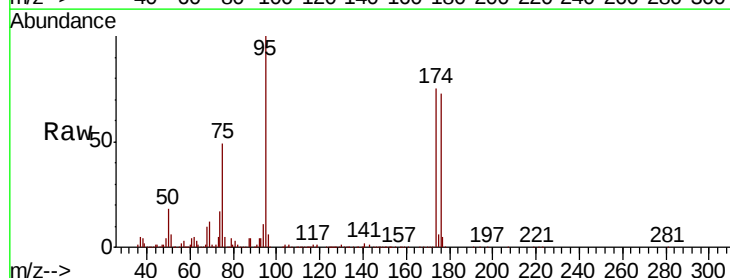
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

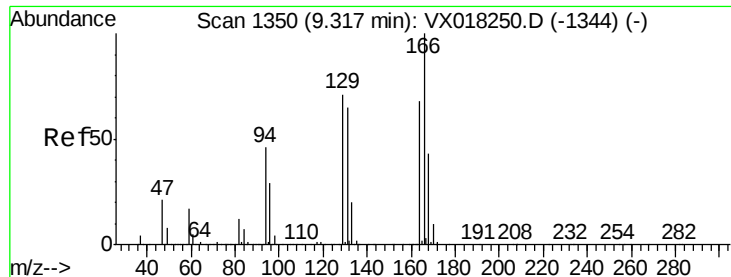
Tot Ion: 43 Resp: 464991
Ion Ratio Lower Upper
43 100
58 52.4 42.5 63.7
57 18.4 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.036 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 95 Resp: 190616
Ion Ratio Lower Upper
95 100
174 80.2 64.2 96.4
176 76.6 62.2 93.4





#61

Tetrachloroethene

Concen: 20.350 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion:164 Resp: 92925

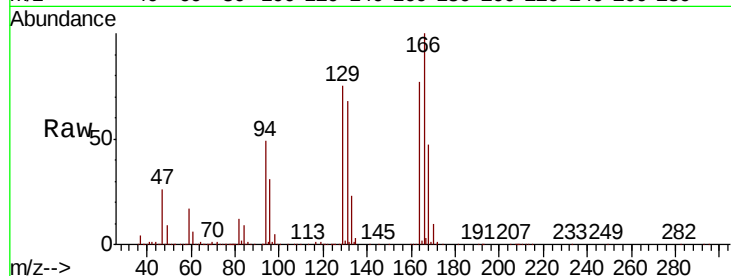
Ion Ratio Lower Upper

164 100

166 129.4 117.4 176.0

129 96.6 82.7 124.1

131 87.2 76.7 115.1

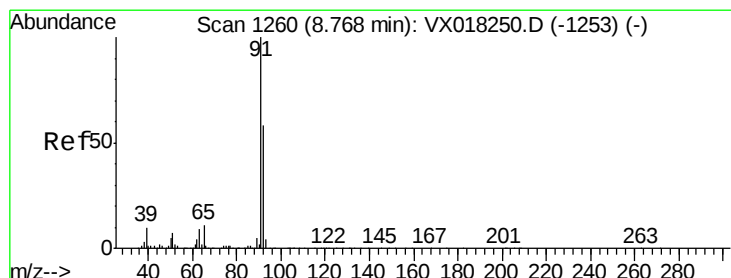
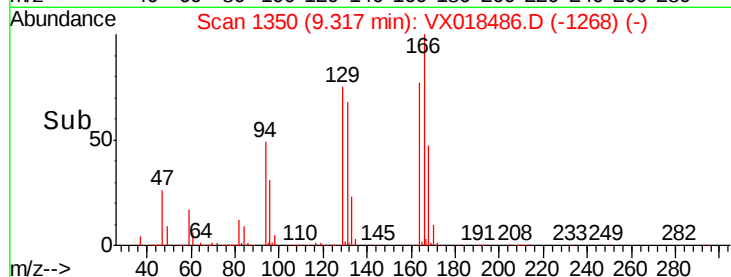
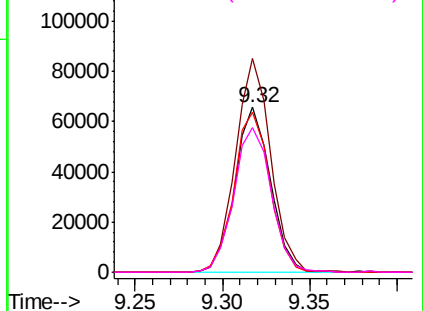


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.704 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018486.D

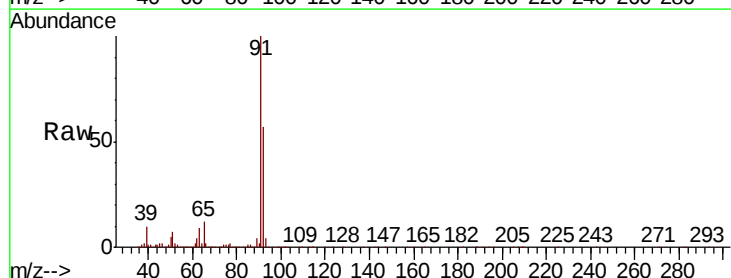
Acq: 18 Sep 2020 12:43

Tgt Ion: 91 Resp: 363072

Ion Ratio Lower Upper

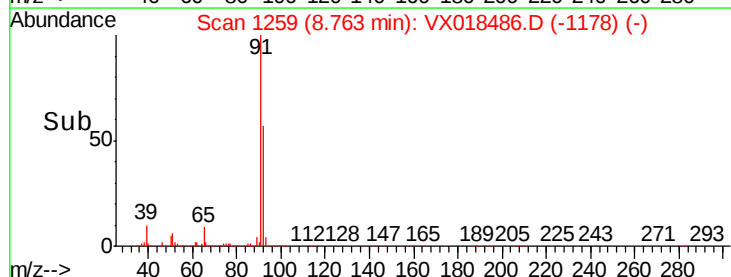
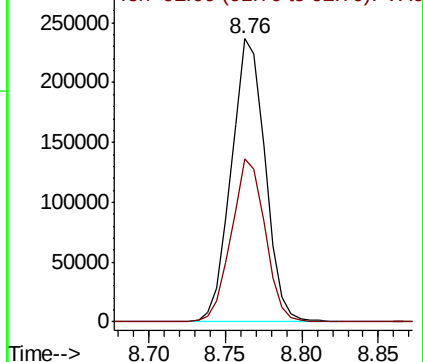
91 100

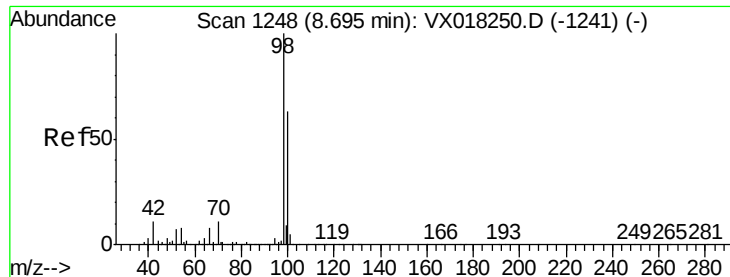
92 57.3 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.486 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

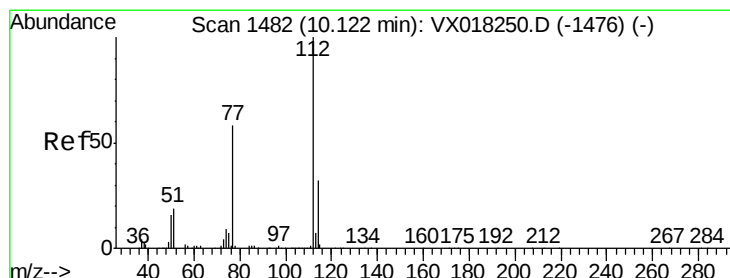
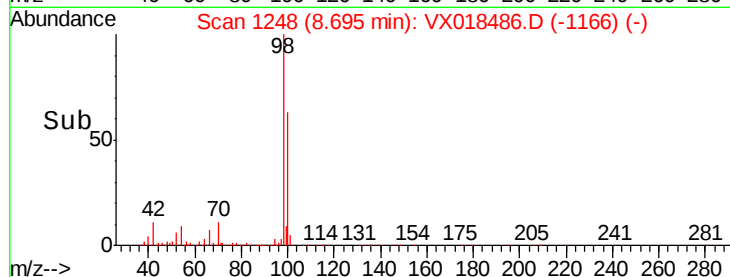
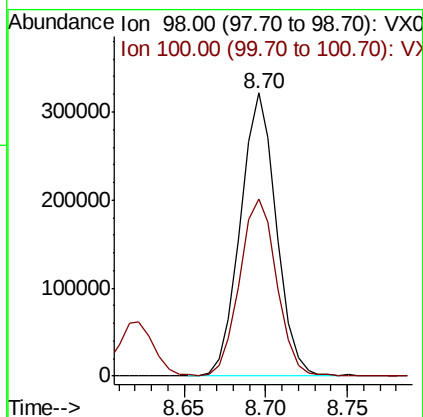
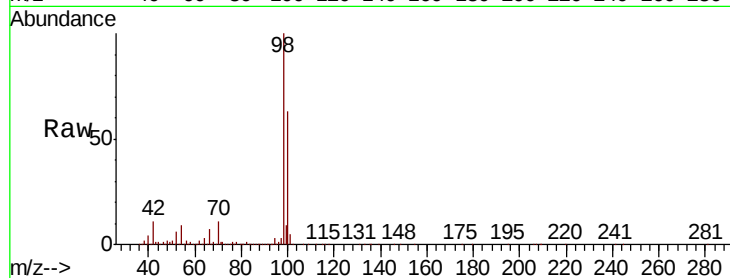
VX0918WBSD01

Tot Ion: 98 Resp: 491983

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#64

Chlorobenzene

Concen: 19.577 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018486.D

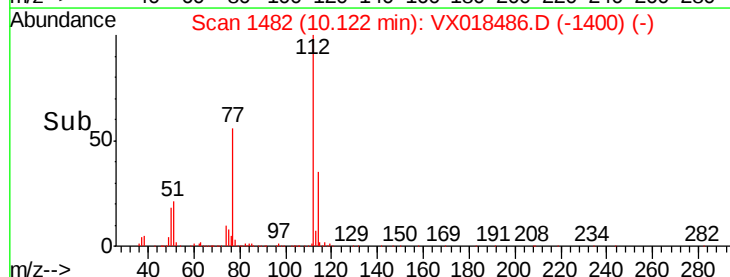
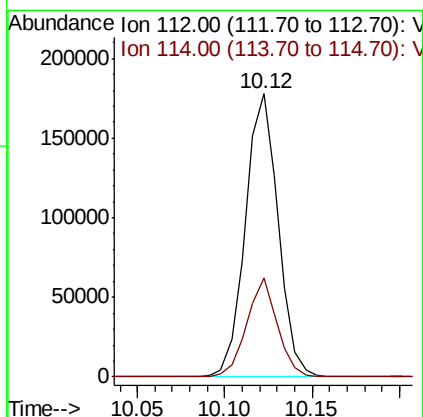
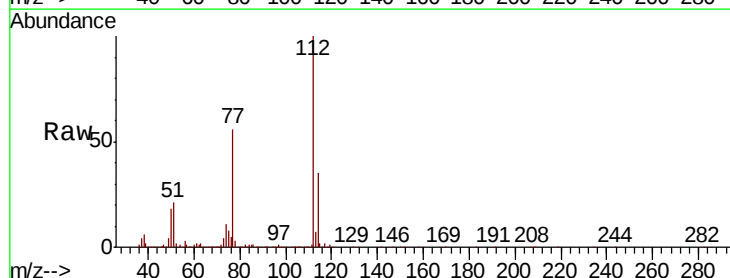
Acq: 18 Sep 2020 12:43

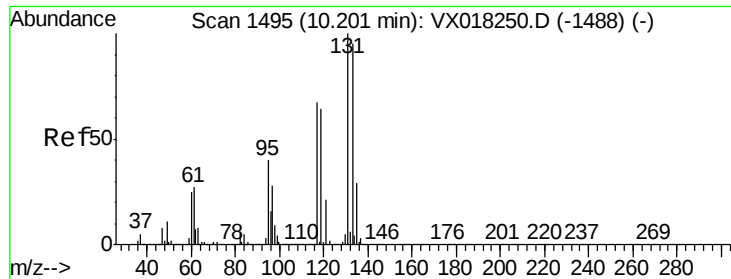
Tgt Ion: 112 Resp: 231816

Ion Ratio Lower Upper

112 100

114 35.0 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.086 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

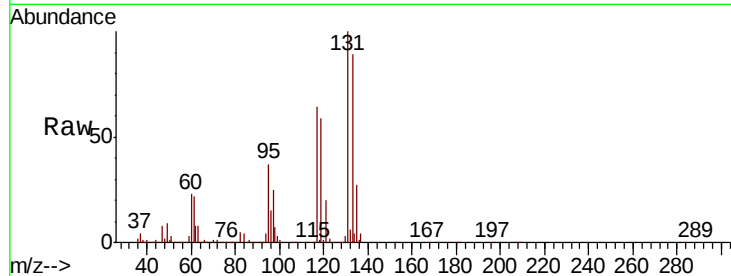
Tot Ion:131 Resp: 96326

Ion Ratio Lower Upper

131 100

133 92.9 0.0 197.2

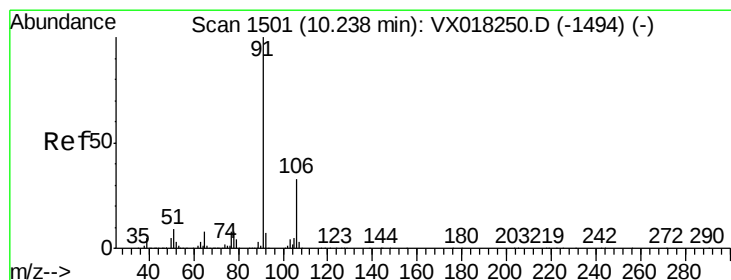
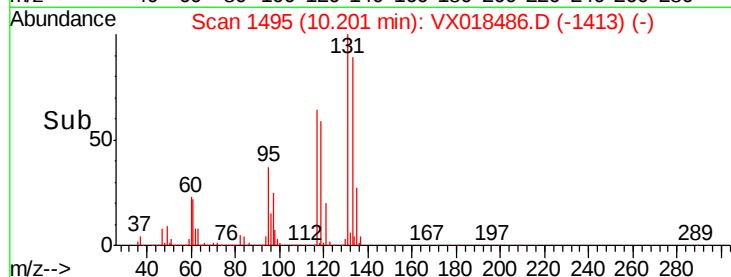
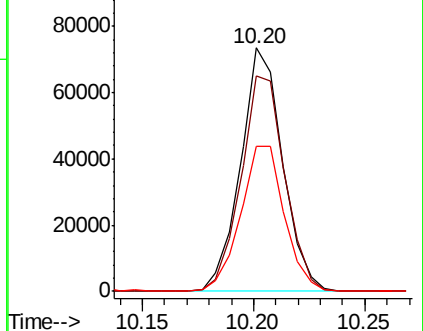
119 62.7 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.615 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018486.D

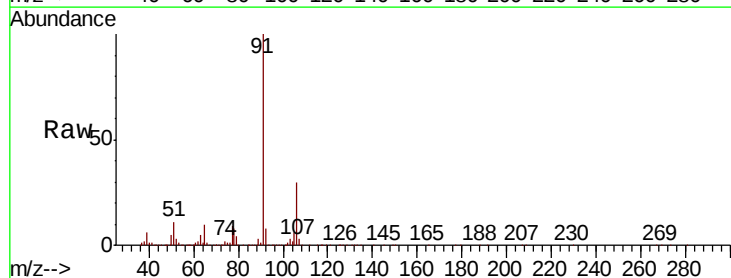
Acq: 18 Sep 2020 12:43

Tgt Ion: 91 Resp: 399379

Ion Ratio Lower Upper

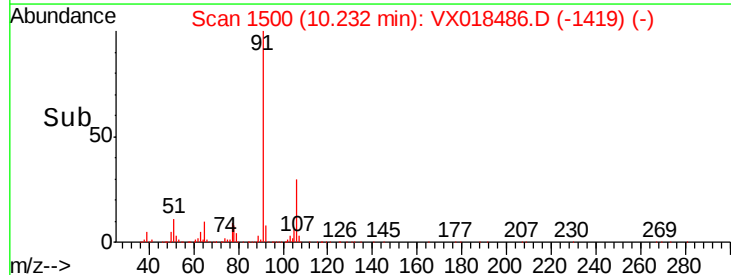
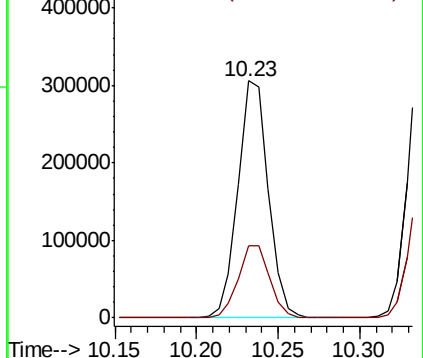
91 100

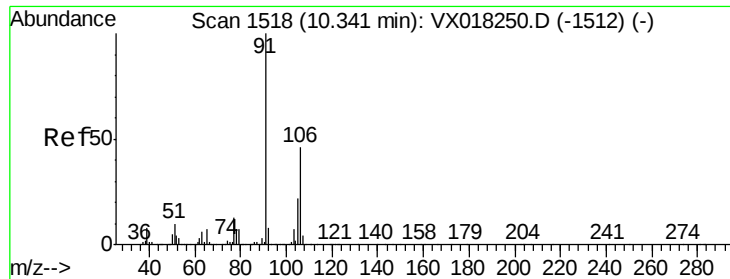
106 30.2 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

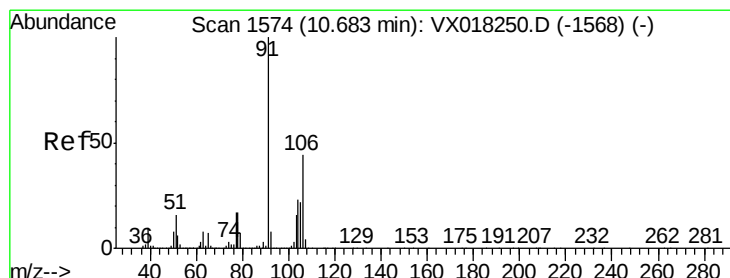
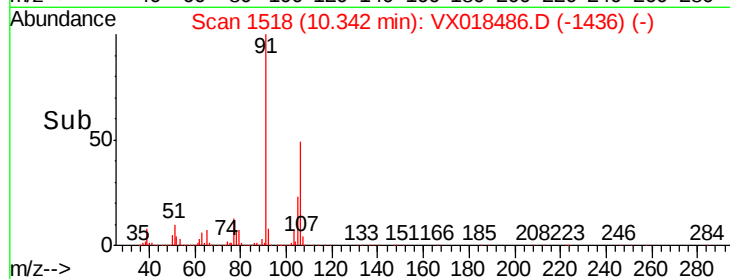
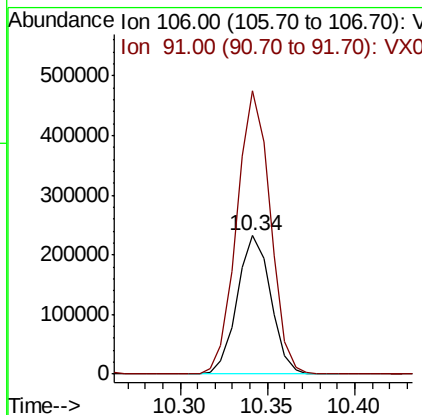
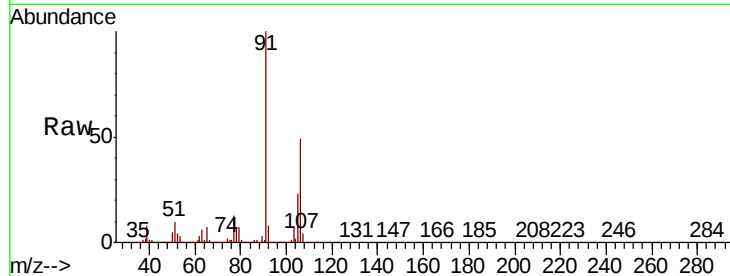




#67
m/p-Xylenes
Concen: 39.868 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

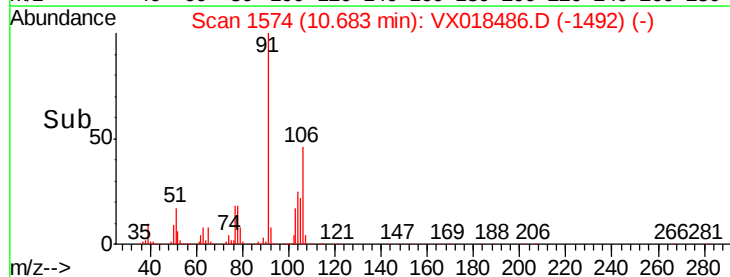
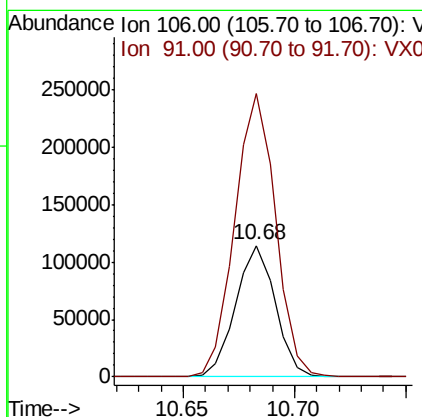
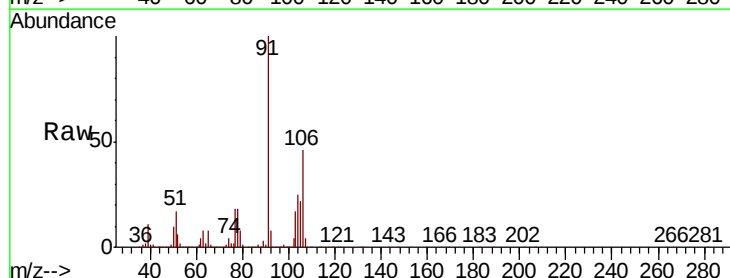
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

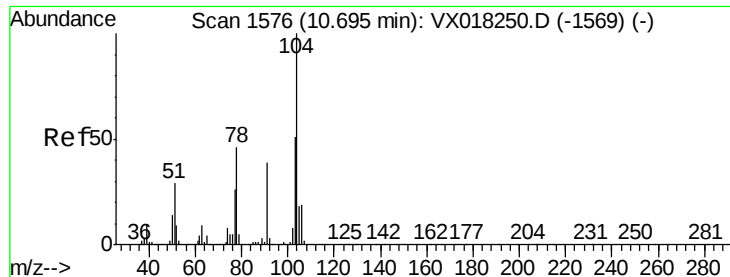
Tot Ion:106 Resp: 310431
Ion Ratio Lower Upper
106 100
91 203.3 166.2 249.2



#68
o-Xylene
Concen: 19.436 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion:106 Resp: 142996
Ion Ratio Lower Upper
106 100
91 219.6 109.2 327.6





#69

Stvrene

Concen: 19.321 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

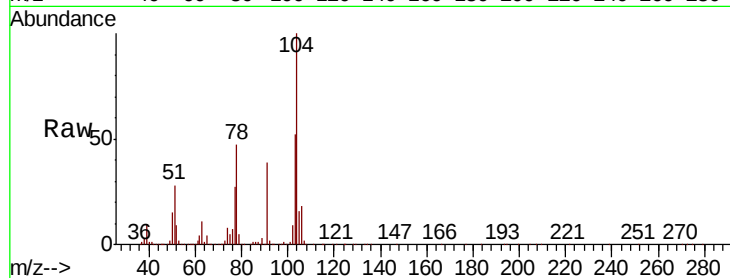
Tot Ion:104 Resp: 248010

Ion Ratio Lower Upper

104 100

78 53.7 41.7 62.5

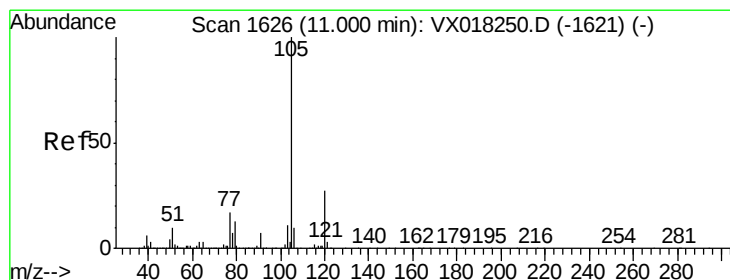
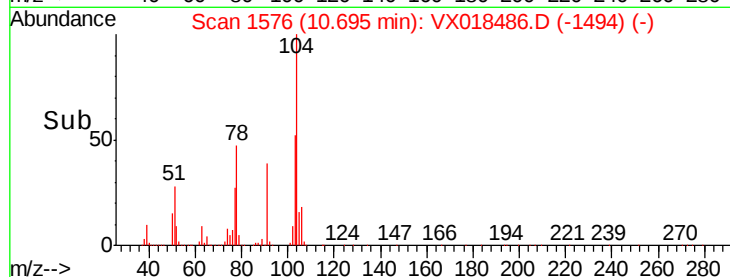
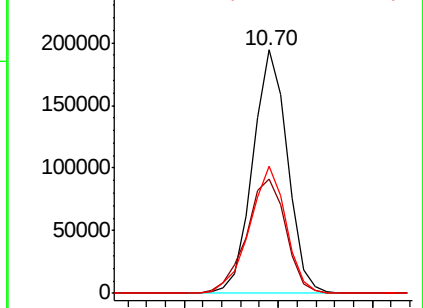
103 55.0 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.518 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018486.D

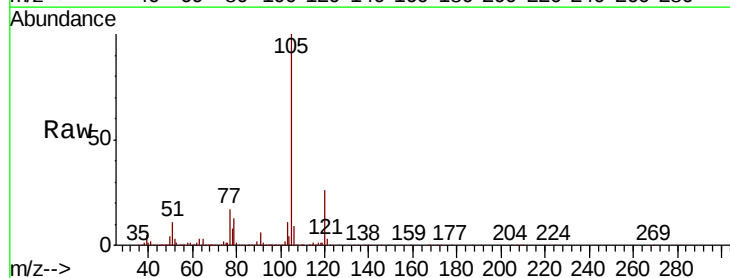
Acq: 18 Sep 2020 12:43

Tgt Ion:105 Resp: 399338

Ion Ratio Lower Upper

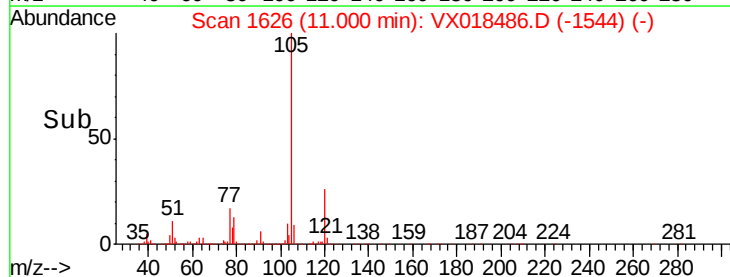
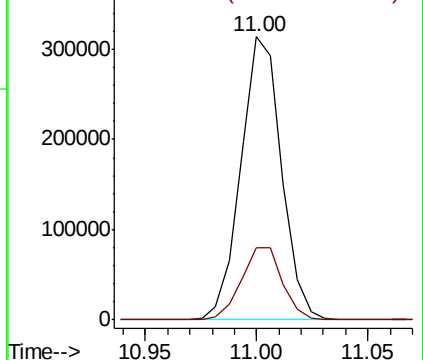
105 100

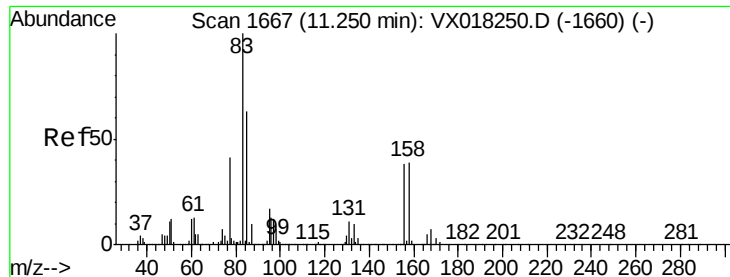
120 26.0 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.710 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0918WBSD01

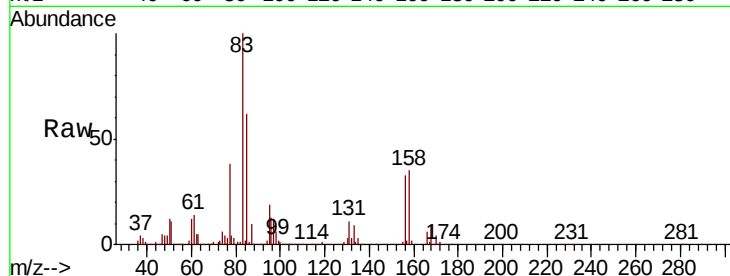
Tot Ion: 83 Resp: 131782

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.3

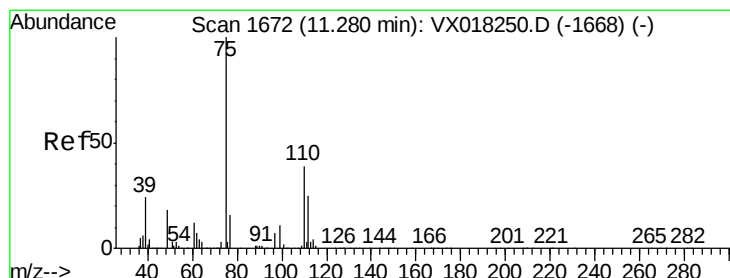
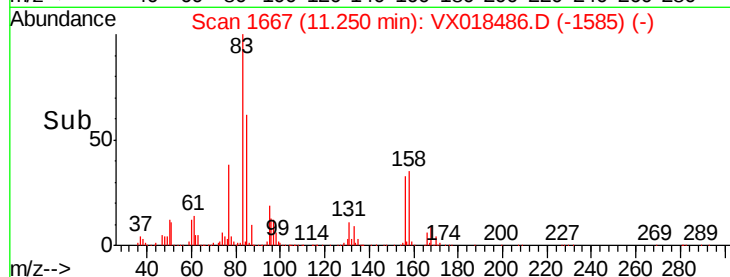
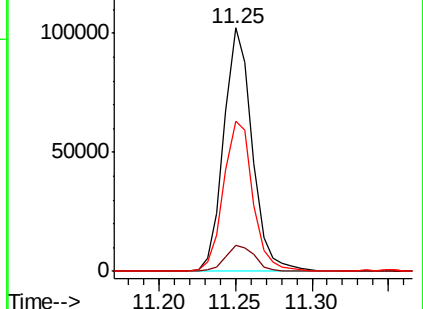
85 64.0 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.516 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018486.D

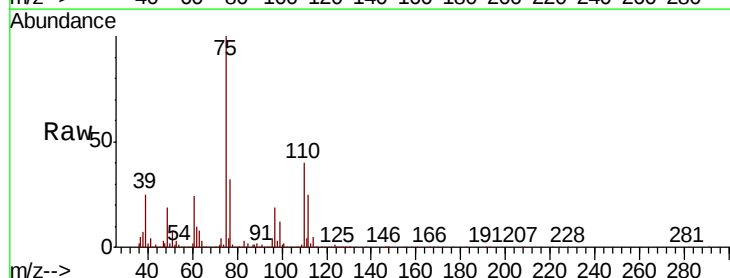
Acq: 18 Sep 2020 12:43

Tgt Ion: 75 Resp: 163912

Ion Ratio Lower Upper

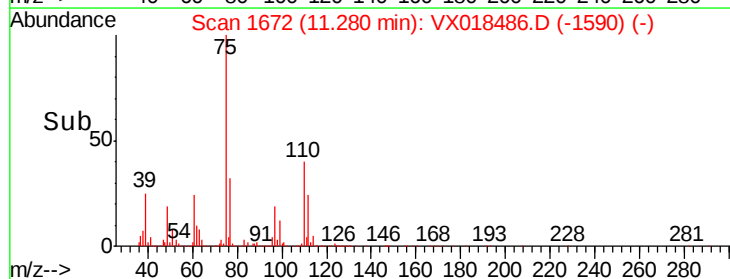
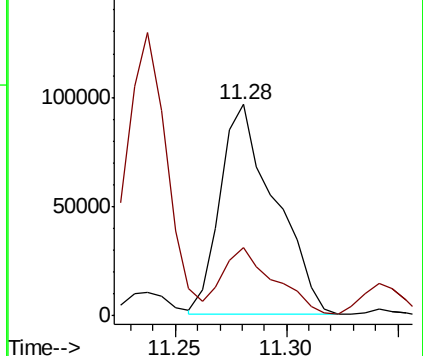
75 100

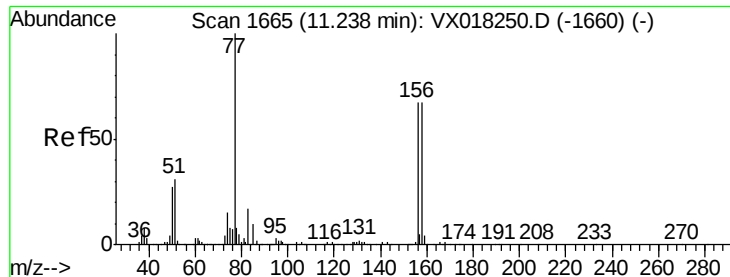
77 31.5 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.788 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

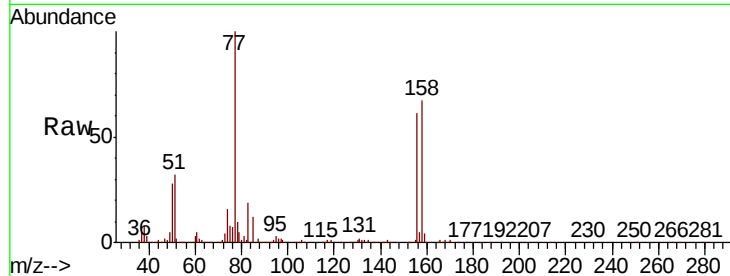
Tot Ion:156 Resp: 105310

Ion Ratio Lower Upper

156 100

77 158.5 0.0 311.0

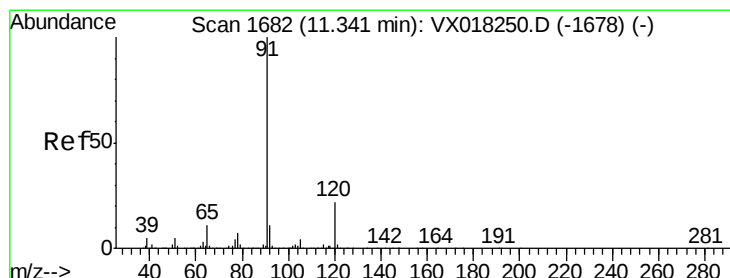
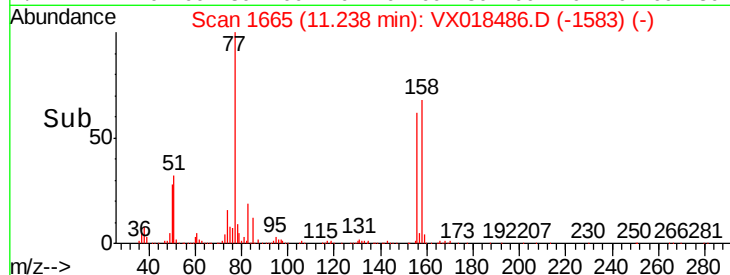
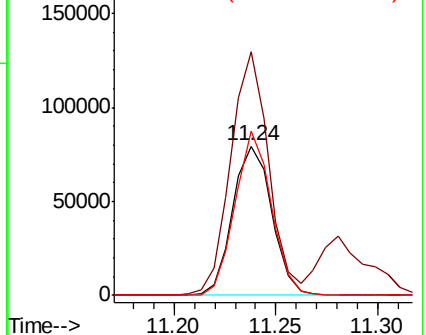
158 102.0 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.054 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018486.D

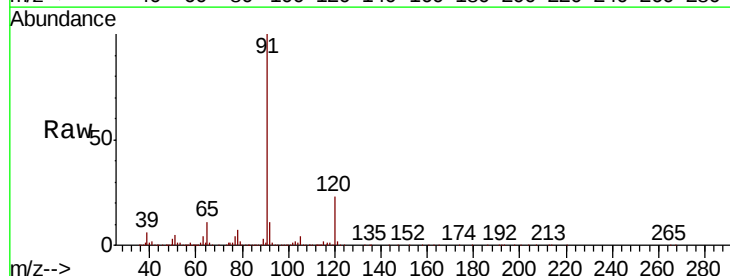
Acq: 18 Sep 2020 12:43

Tgt Ion: 91 Resp: 459049

Ion Ratio Lower Upper

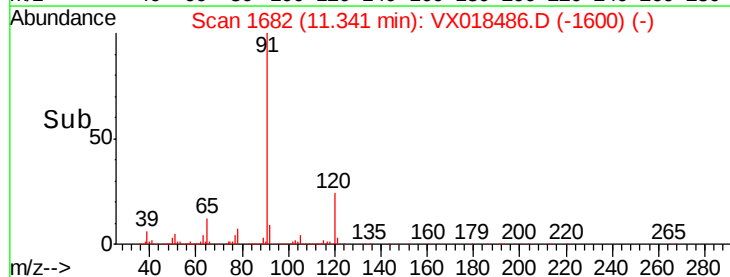
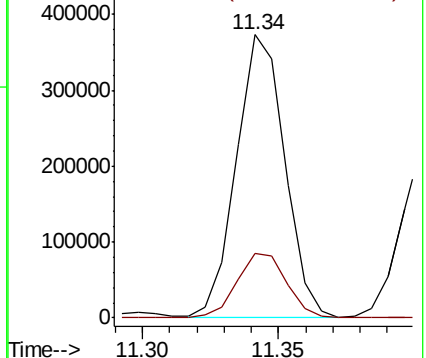
91 100

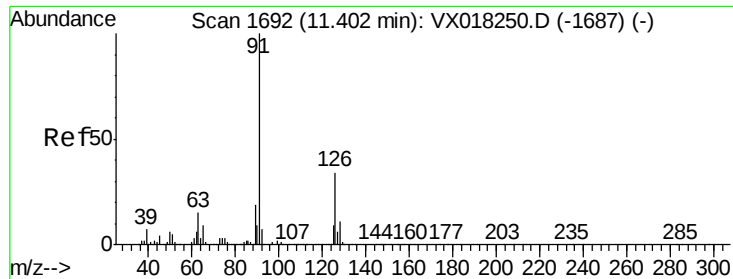
120 23.5 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

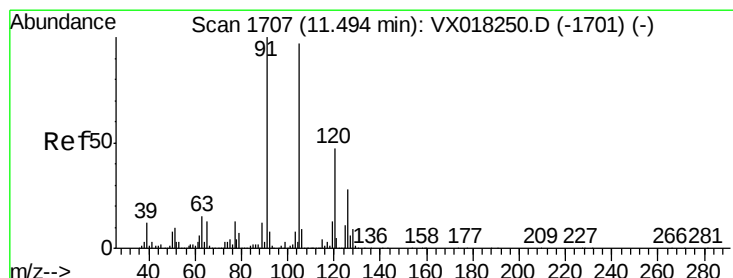
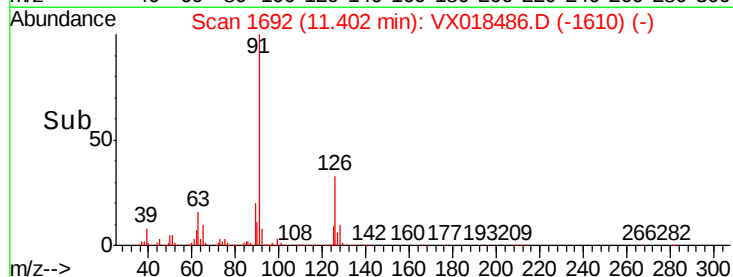
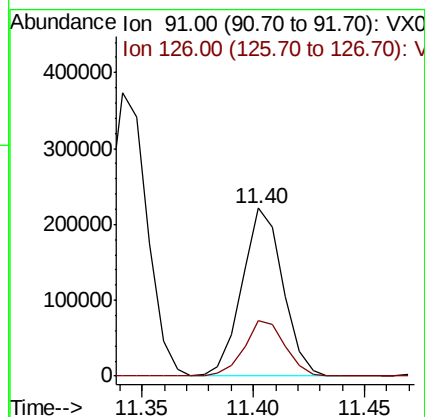
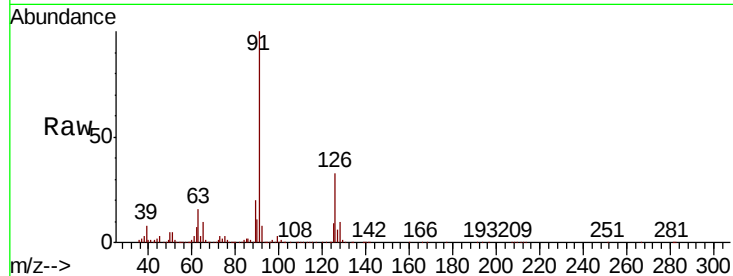




#75
2-Chlorotoluene
Concen: 19.359 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

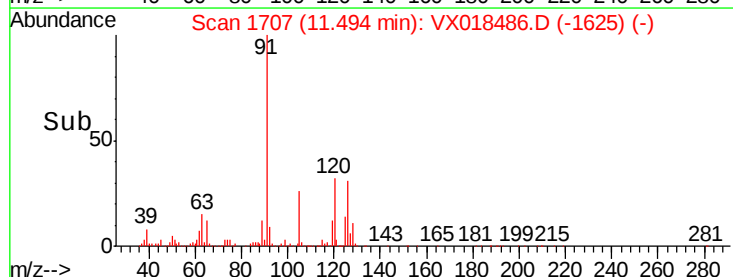
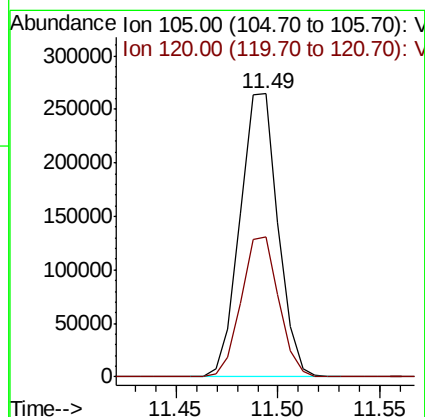
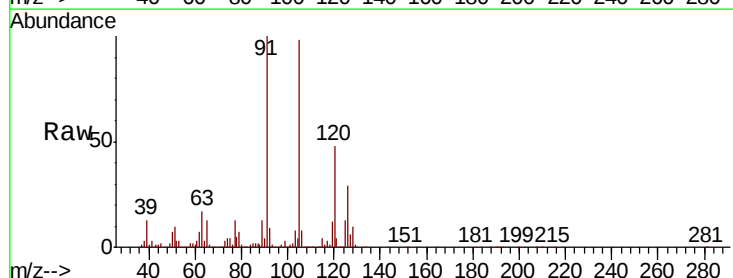
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

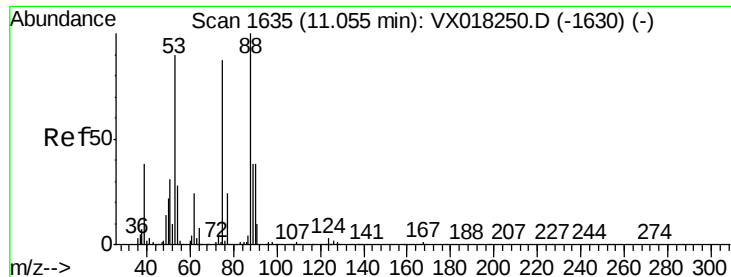
Tot Ion: 91 Resp: 282671
Ion Ratio Lower Upper
91 100
126 33.3 0.0 68.4



#76
1,3,5-Trimethylbenzene
Concen: 19.122 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 105 Resp: 340848
Ion Ratio Lower Upper
105 100
120 49.0 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.419 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

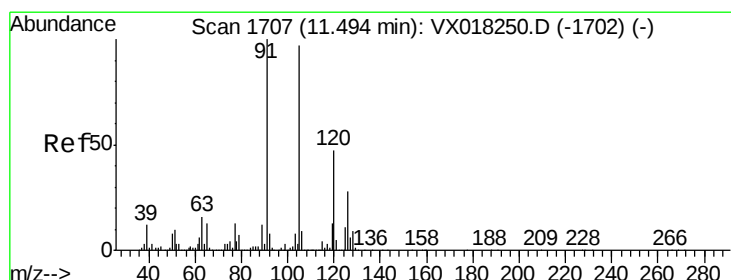
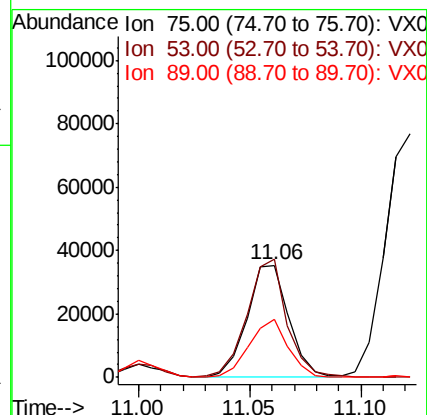
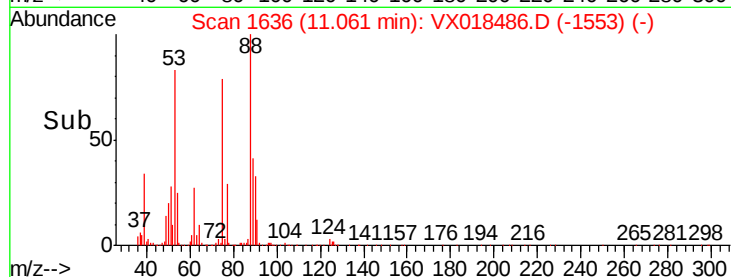
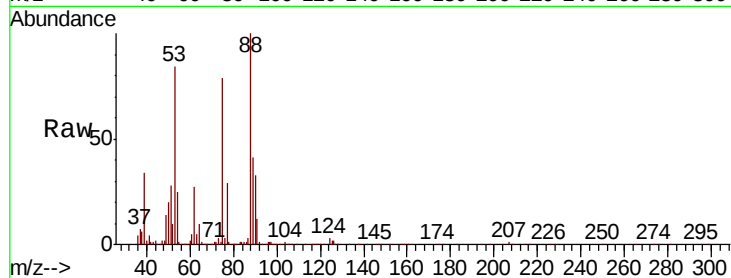
Tot Ion: 75 Resp: 45981

Ion Ratio Lower Upper

75 100

53 105.1 52.1 156.4

89 51.5 22.1 66.3



#78

4-Chlorotoluene

Concen: 19.145 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018486.D

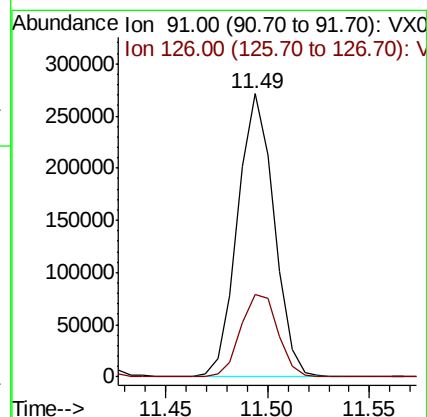
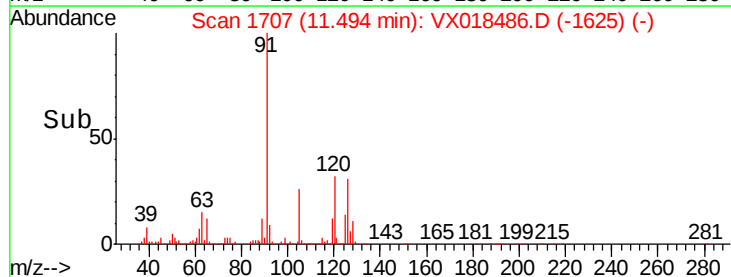
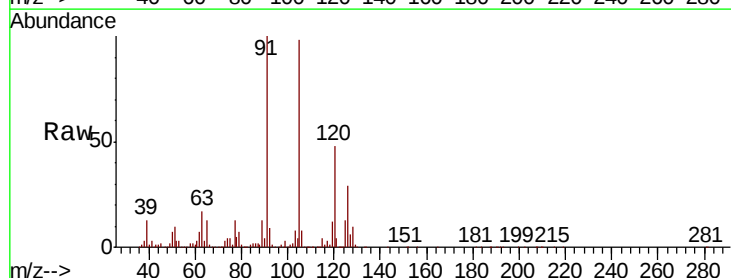
Acq: 18 Sep 2020 12:43

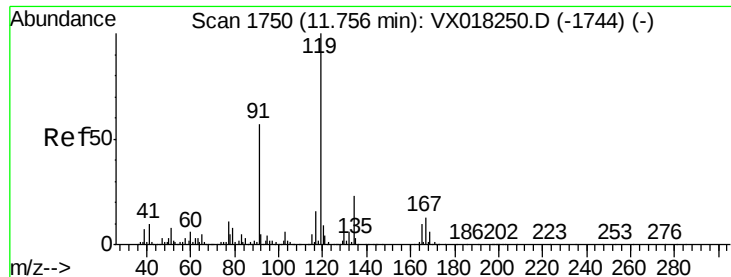
Tgt Ion: 91 Resp: 333469

Ion Ratio Lower Upper

91 100

126 30.4 0.0 59.2





#79

tert-butylbenzene

Concen: 18.956 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

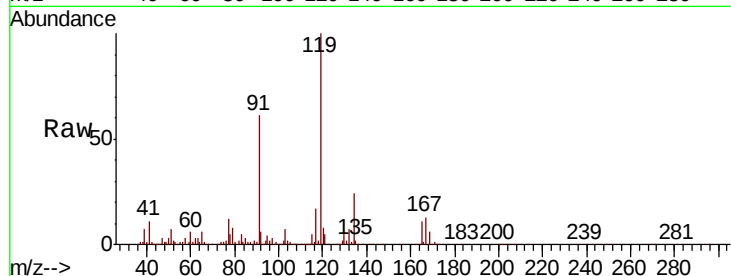
Tot Ion:119 Resp: 325487

Ion Ratio Lower Upper

119 100

91 59.3 0.0 111.8

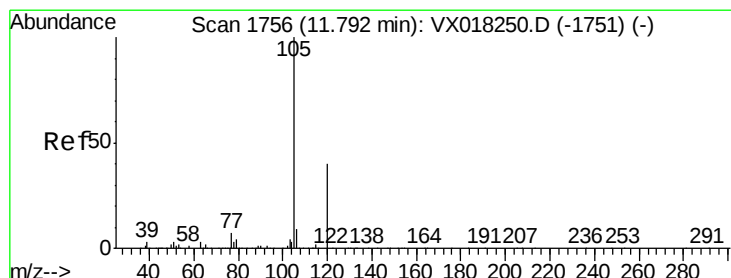
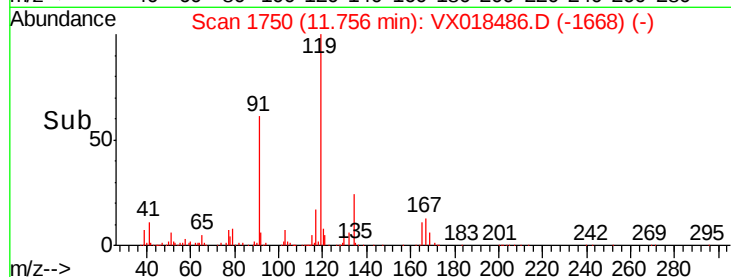
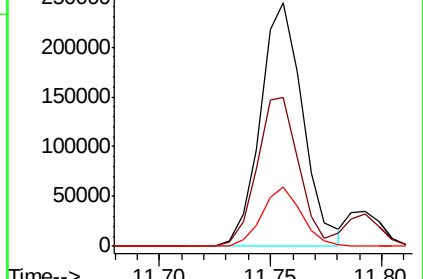
134 22.4 0.0 42.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.915 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018486.D

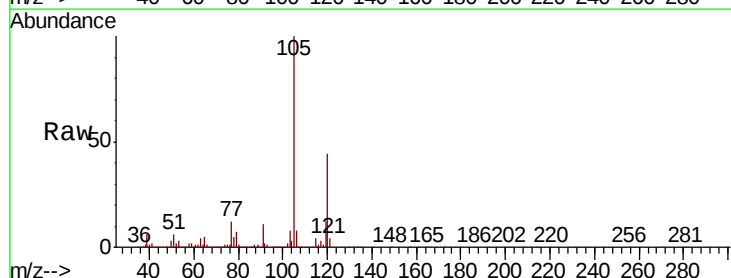
Acq: 18 Sep 2020 12:43

Tgt Ion:105 Resp: 351080

Ion Ratio Lower Upper

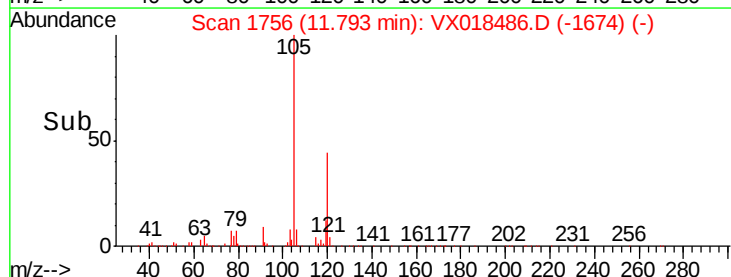
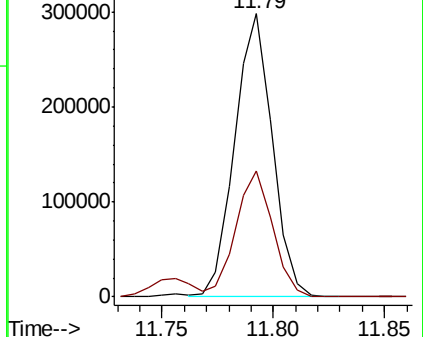
105 100

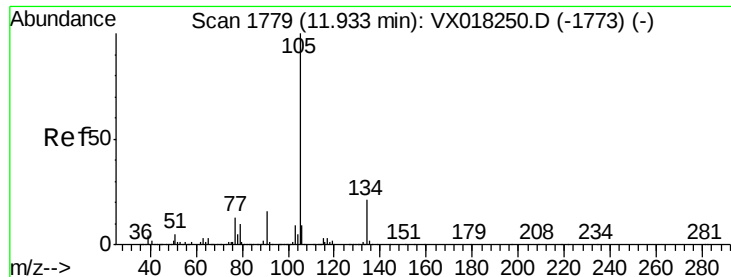
120 43.8 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

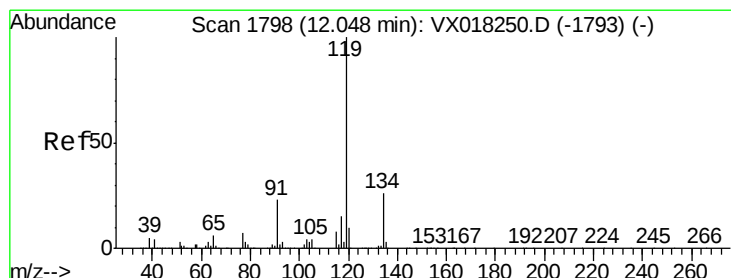
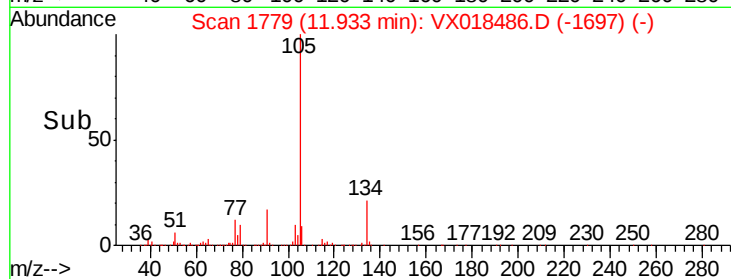
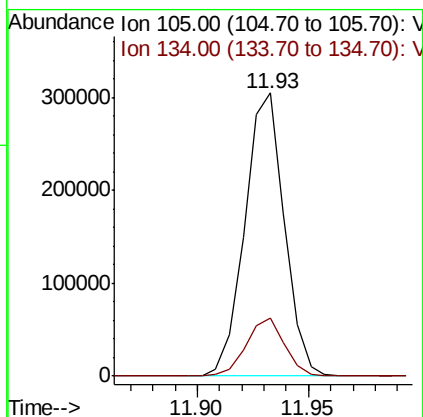
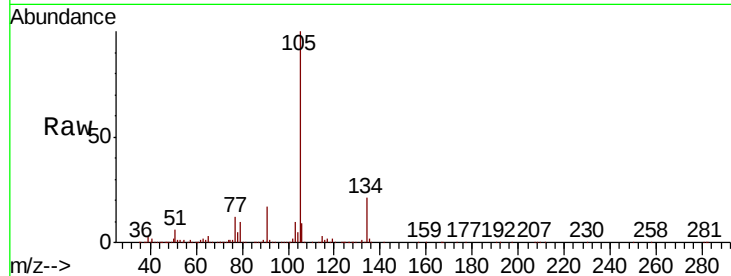




#81
 sec-Butylbenzene
 Concen: 18.769 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

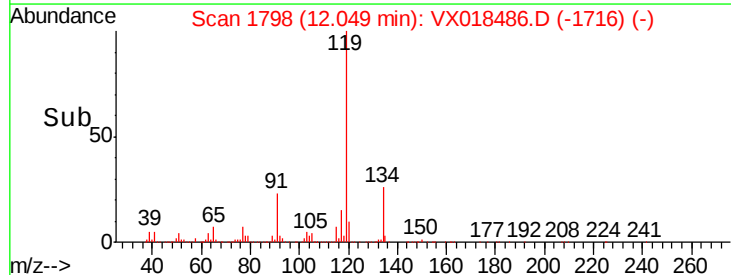
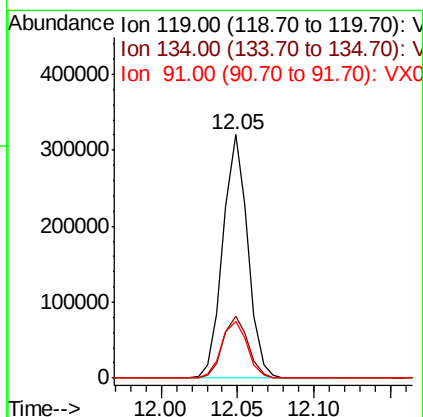
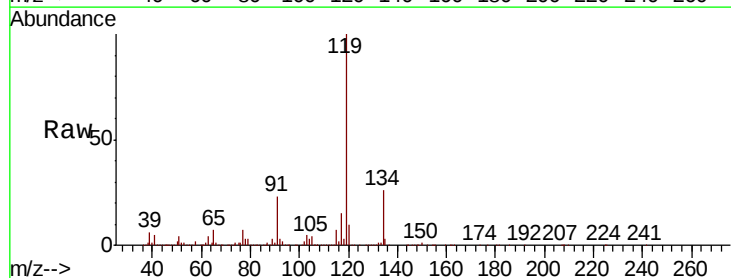
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

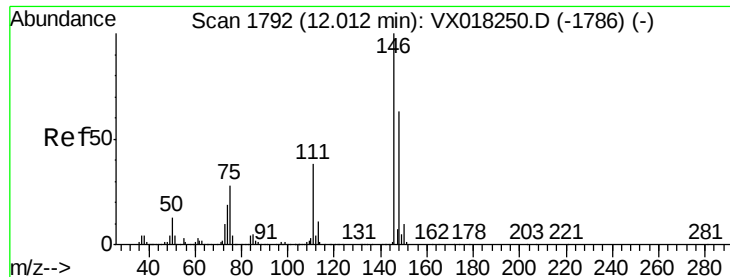
Tot Ion:105 Resp: 376421
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 19.276 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion:119 Resp: 360457
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.0
 91 24.2 0.0 49.8





#83

1,3-Dichlorobenzene

Concen: 19.383 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

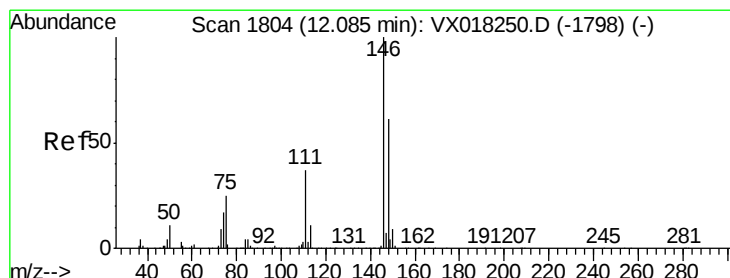
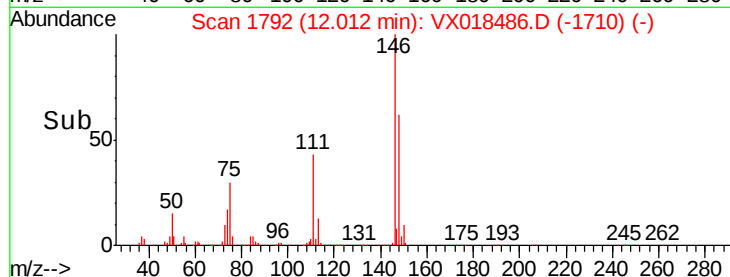
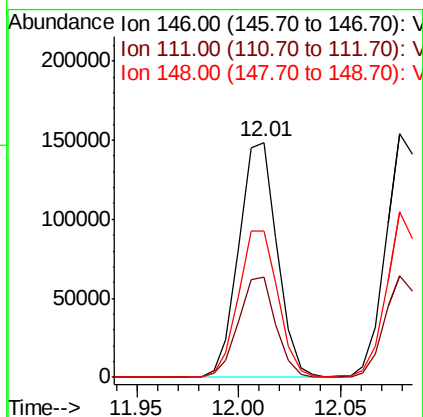
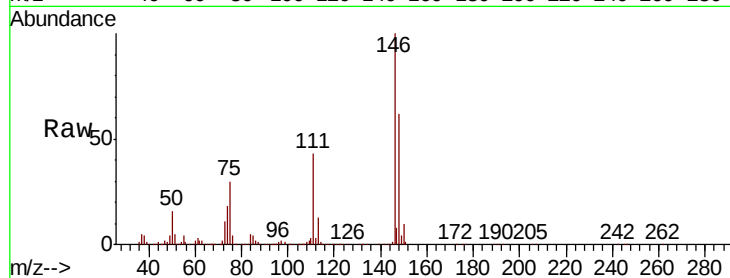
Tot Ion:146 Resp: 194260

Ion Ratio Lower Upper

146 100

111 41.6 20.0 59.9

148 64.1 32.1 96.3



#84

1,4-Dichlorobenzene

Concen: 19.443 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

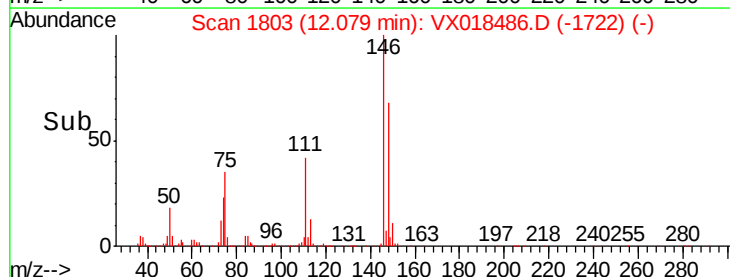
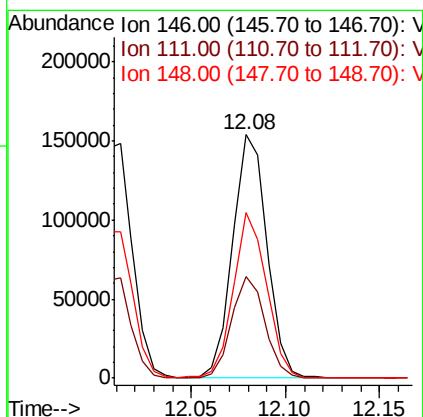
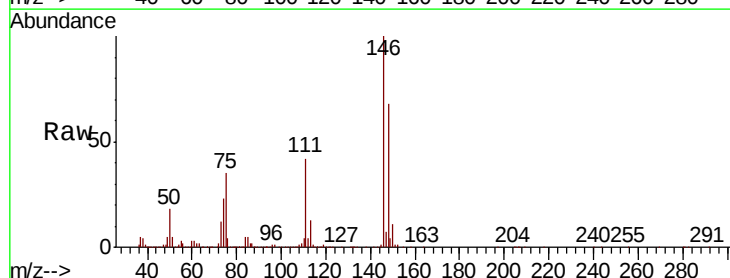
Tgt Ion:146 Resp: 194841

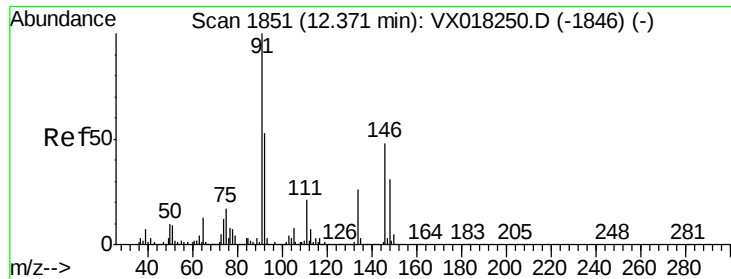
Ion Ratio Lower Upper

146 100

111 40.5 19.3 57.8

148 65.7 31.7 95.1

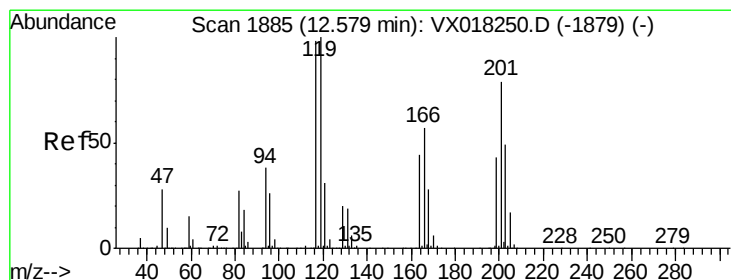
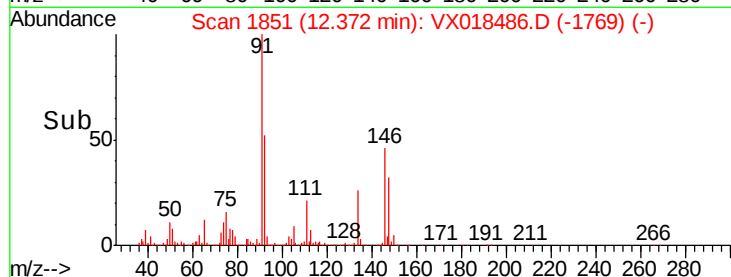
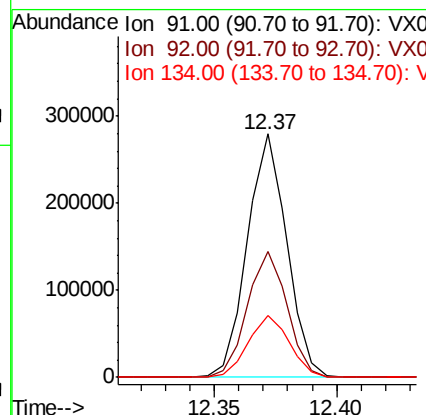
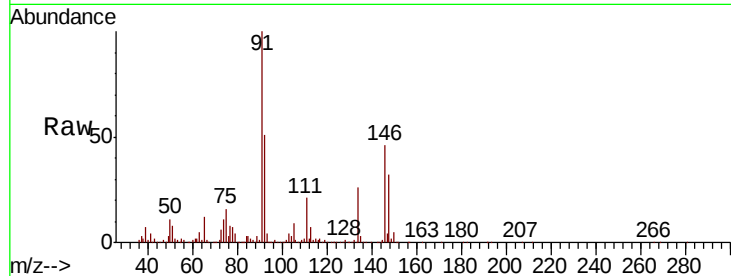




#85
n-Butylbenzene
Concen: 19.074 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

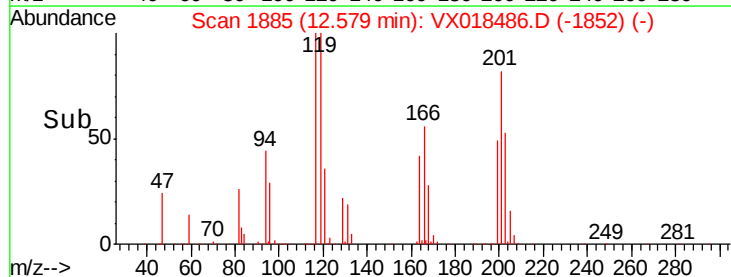
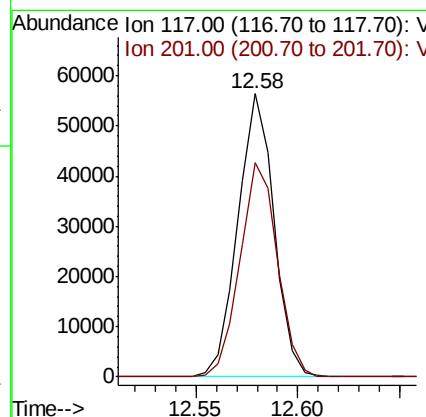
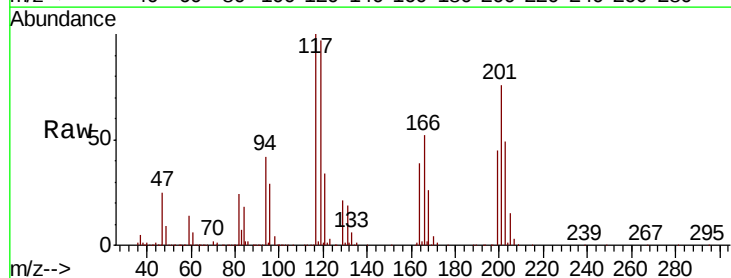
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

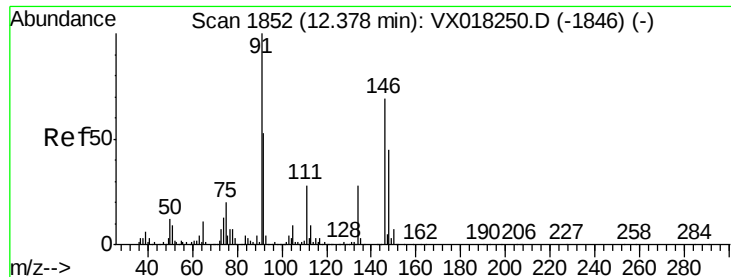
Tot Ion: 91 Resp: 314020
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.0
134 26.6 0.0 51.0



#86
Hexachloroethane
Concen: 18.658 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion: 117 Resp: 68694
Ion Ratio Lower Upper
117 100
201 78.8 39.6 118.8





#87

1,2-Dichlorobenzene

Concen: 19.937 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

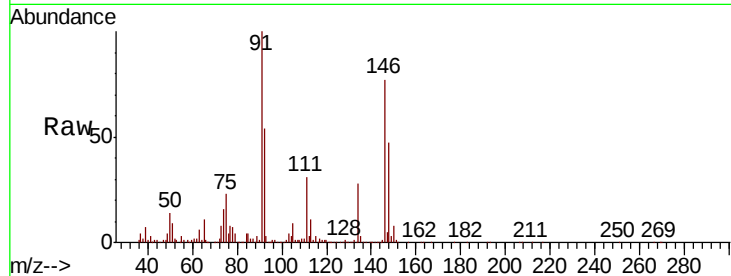
Tot Ion:146 Resp: 187098

Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.3

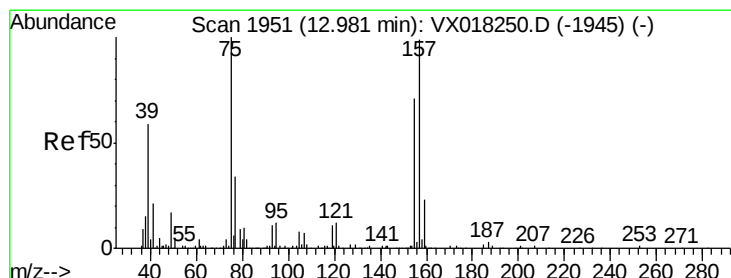
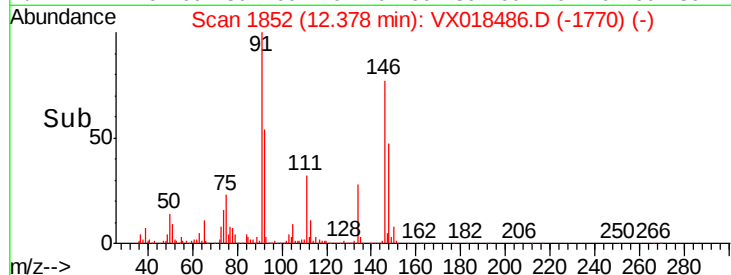
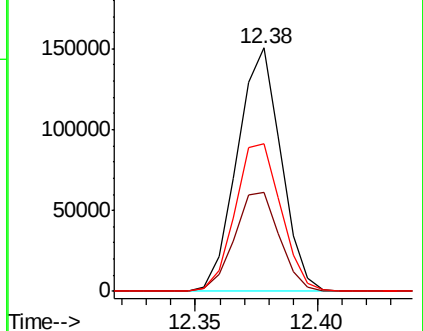
148 64.2 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.525 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

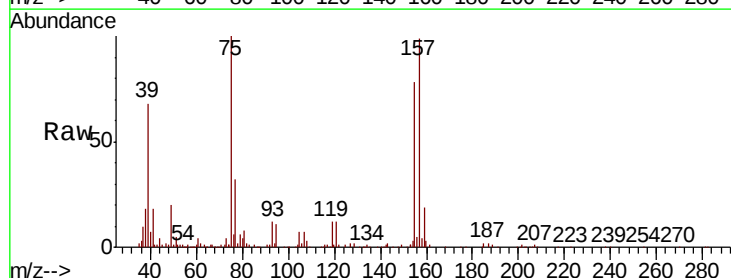
Tgt Ion: 75 Resp: 31686

Ion Ratio Lower Upper

75 100

155 87.9 63.4 95.2

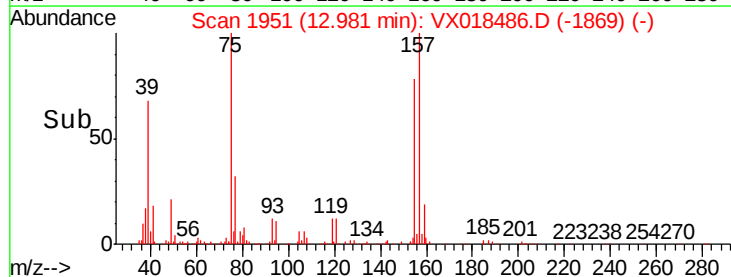
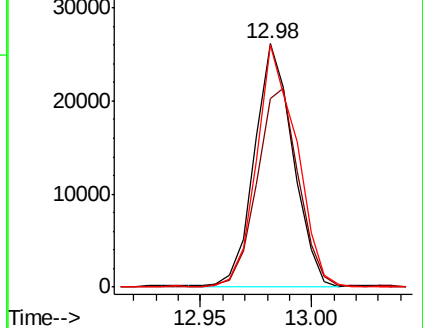
157 102.4 87.0 130.6

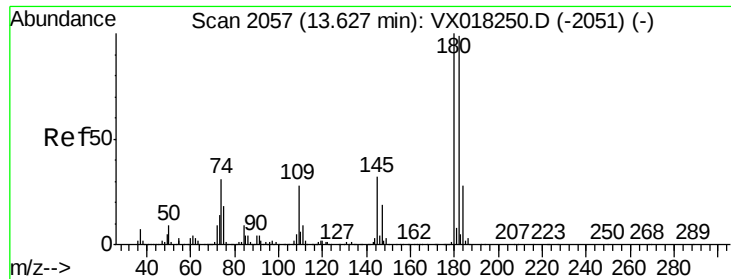


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

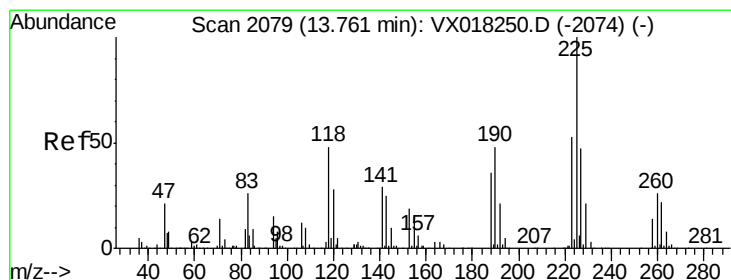
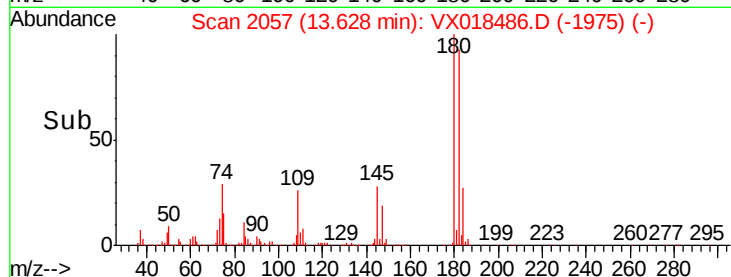
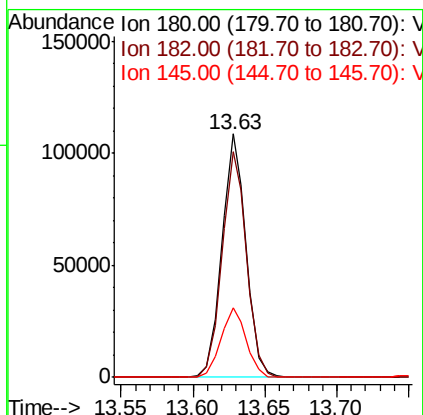
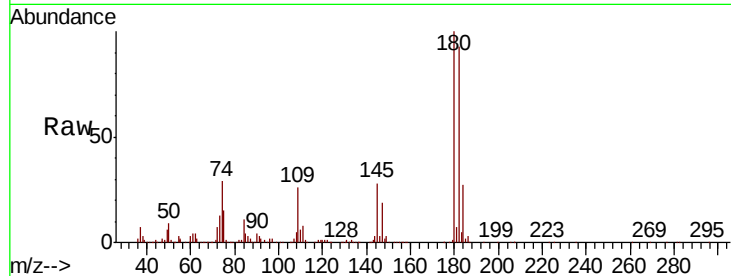




#89
 1,2,4-Trichlorobenzene
 Concen: 20.059 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

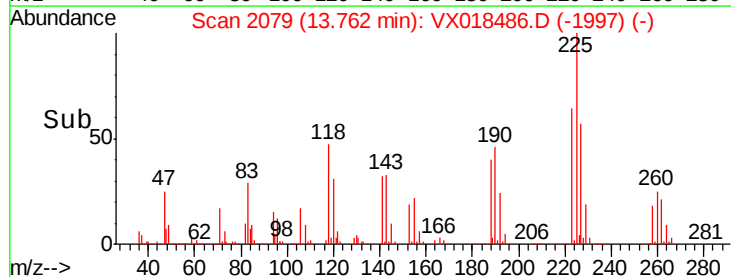
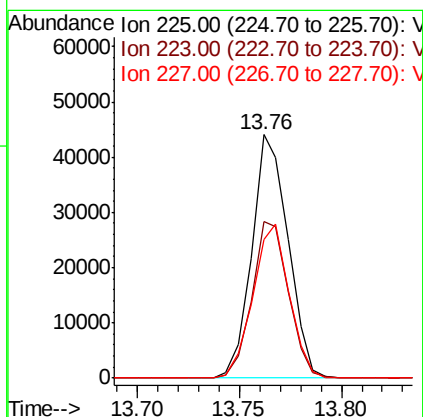
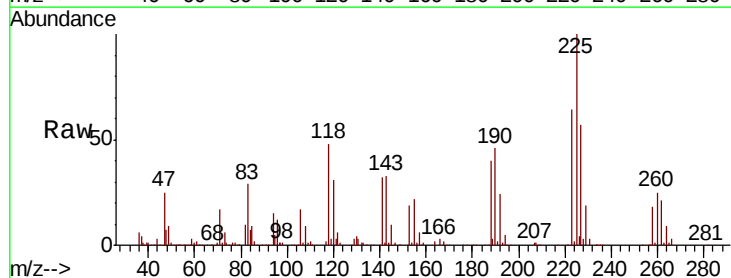
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

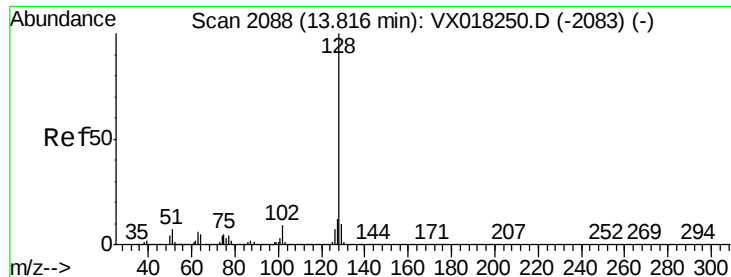
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	29.8	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 20.304 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	0.0	115.8
227	63.5	0.0	117.0





#91

Naphthalene

Concen: 18.796 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

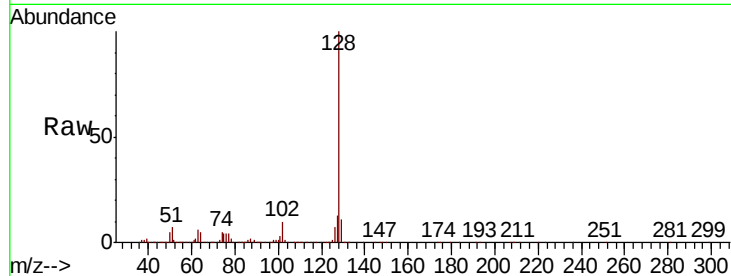
Tot Ion:128 Resp: 372446

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

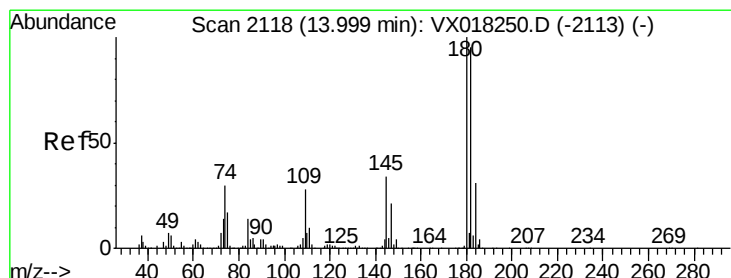
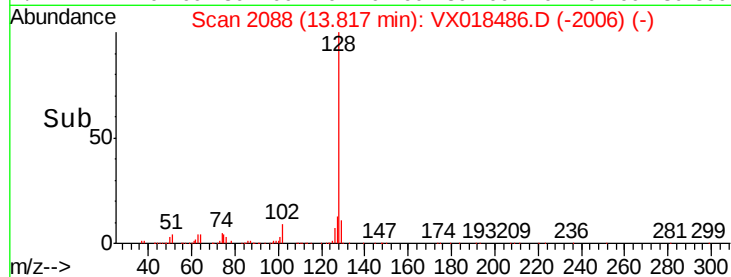
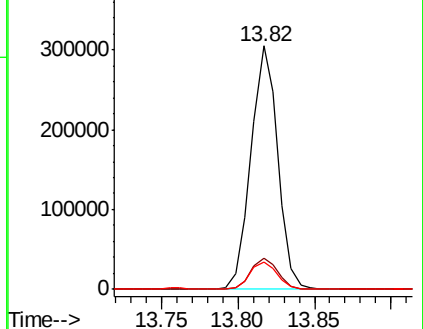
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.441 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

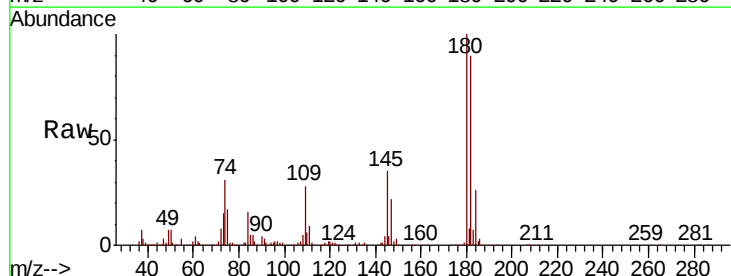
Tgt Ion:180 Resp: 122116

Ion Ratio Lower Upper

180 100

182 95.6 0.0 191.6

145 33.9 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

