

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018485.D
 Acq On : 18 Sep 2020 12:13
 Operator : JC/SP
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Quant Time: Sep 19 01:51:29 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	4.99	128	78964	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	402227	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	389912	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	190466	30.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.90%
60) 4-Bromofluorobenzene	11.12	95	202667	29.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.97%
63) Toluene-d8	8.70	98	503602	29.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	77810	18.622	ug/l 91
3) Chloromethane	1.31	50	83064	18.715	ug/l 99
4) Vinyl Chloride	1.39	62	85359	18.265	ug/l 98
5) Bromomethane	1.64	94	64854	20.396	ug/l 94
6) Chloroethane	1.72	64	53358	18.785	ug/l 99
7) Trichlorofluoromethane	1.92	101	153025	19.321	ug/l 97
8) Diethyl Ether	2.17	74	47686	19.098	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76210	18.833	ug/l 94
10) 1,1-Dichloroethene	2.36	96	74985	18.877	ug/l 98
11) Methyl Iodide	2.49	142	79586	20.785	ug/l 98
12) Methyl Acetate	2.75	43	103972	19.884	ug/l 98
13) Acrolein	2.27	56	41857	99.190	ug/l 96
14) Acrylonitrile	3.12	53	219176	92.508	ug/l 97
15) Acetone	2.42	58	59244	91.969	ug/l 78
16) Carbon Disulfide	2.55	76	217897	18.839	ug/l 98
17) Allyl chloride	2.71	41	133199	18.761	ug/l 96
18) Methylene Chloride	2.84	84	89790	19.260	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	85255	19.331	ug/l 98
20) Diisopropyl ether	3.82	45	275262	19.584	ug/l 95
21) 1,1-Dichloroethane	3.67	63	154126	19.104	ug/l 98
22) cis-1,2-Dichloroethene	4.57	96	95199	19.509	ug/l 98
23) tert-Butyl Alcohol	3.00	59	93796	91.356	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	274655	19.449	ug/l 99
25) Chloroform	5.17	83	167146	19.413	ug/l 98
26) Cyclohexane	5.55	56	119171	18.301	ug/l # 44
29) 1,1-Dichloropropene	5.77	75	121108	19.725	ug/l 99
30) 2-Butanone	4.63	43	316870	94.255	ug/l 99
31) 2,2-Dichloropropane	4.55	77	149395	20.144	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	156364	19.456	ug/l 98
33) Carbon Tetrachloride	5.76	117	145506	19.430	ug/l 99
34) Benzene	6.11	78	337342	19.248	ug/l # 96
35) Methacrylonitrile	4.99	41	41616	11.746	ug/l 89
36) 1,2-Dichloroethane	6.16	62	143328	19.760	ug/l # 100
37) Trichloroethene	7.19	130	98232	19.383	ug/l 95
38) Methylcyclohexane	7.44	83	126926	19.407	ug/l 98
39) 1,2-Dichloropropane	7.49	63	88386	18.829	ug/l 99
40) Dibromomethane	7.64	93	66440	19.600	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018485.D
 Acq On : 18 Sep 2020 12:13
 Operator : JC/SP
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Quant Time: Sep 19 01:51:29 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	7.88	83	133092	18.944	ug/l	98
42) Vinyl Acetate	3.79	43	1217077	97.035	ug/l	100
43) Ethyl Acetate	4.79	43	126912	18.985	ug/l	99
44) Isopropyl Acetate	6.41	43	196957	18.282	ug/l	97
45) 1,4-Dioxane	7.71	88	33630	373.658	ug/l #	91
46) Methyl methacrylate	7.74	41	98905	18.654	ug/l	97
47) n-amyl Acetate	10.88	43	169555	17.911	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	146332	19.390	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	152748	19.267	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	89325	18.911	ug/l	93
51) Ethyl methacrylate	9.16	69	126526	18.491	ug/l	99
52) 1,3-Dichloropropane	9.35	76	147736	18.843	ug/l	98
53) Dibromochloromethane	9.57	129	111780	19.032	ug/l	99
54) 1,2-Dibromoethane	9.65	107	98022	18.917	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	327857	91.755	ug/l	99
56) Bromoform	10.84	173	83501	18.712	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	635780	94.802	ug/l	99
59) 2-Hexanone	9.47	43	470697	92.663	ug/l	100
61) Tetrachloroethene	9.32	164	93825	19.294	ug/l	90
62) Toluene	8.76	91	376091	19.166	ug/l	99
64) Chlorobenzene	10.12	112	238165	18.887	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	96634	18.922	ug/l	99
66) Ethyl Benzene	10.24	91	409422	18.883	ug/l	97
67) m/p-Xylenes	10.34	106	321178	38.734	ug/l	98
68) o-Xylene	10.68	106	148111	18.904	ug/l	99
69) Styrene	10.70	104	259856	19.010	ug/l	98
70) Isopropylbenzene	11.00	105	410825	18.855	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	133284	18.719	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	164470	24.042	ug/l	90
73) Bromobenzene	11.24	156	109772	18.390	ug/l	99
74) n-propylbenzene	11.34	91	482407	18.803	ug/l	99
75) 2-Chlorotoluene	11.40	91	291384	18.739	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	357091	18.812	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	46817	17.611	ug/l	98
78) 4-Chlorotoluene	11.49	91	344758	18.586	ug/l	99
79) tert-butylbenzene	11.76	119	343471	18.784	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	358703	19.107	ug/l	99
81) sec-Butylbenzene	11.93	105	399004	18.682	ug/l	99
82) p-Isopropyltoluene	12.05	119	378661	19.015	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	198761	18.623	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	200600	18.798	ug/l	99
85) n-Butylbenzene	12.37	91	333090	18.999	ug/l	97
86) Hexachloroethane	12.58	117	71733	18.296	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	186850	18.696	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	31498	17.292	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	125337	18.537	ug/l	98
90) Hexachlorobutadiene	13.77	225	52735	18.439	ug/l	89
91) Naphthalene	13.82	128	377381	17.884	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	121835	18.214	ug/l	99

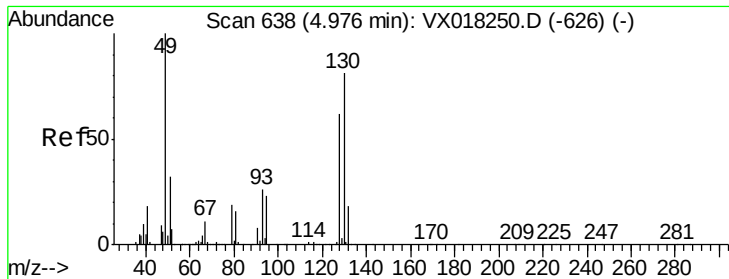
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
Data File : VX018485.D
Acq On : 18 Sep 2020 12:13
Operator : JC/SP
Sample : VX0918WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Quant Time: Sep 19 01:51:29 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

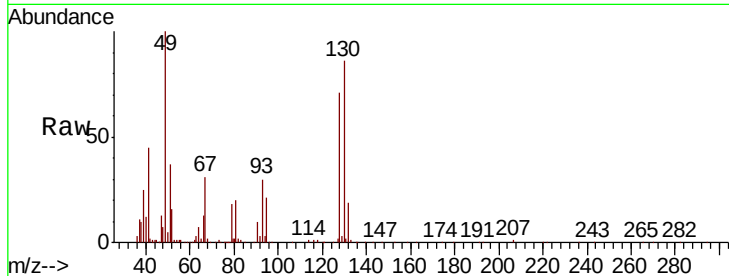
Tot Ion:128 Resp: 78964

Ion Ratio Lower Upper

128 100

49 152.2 0.0 392.0

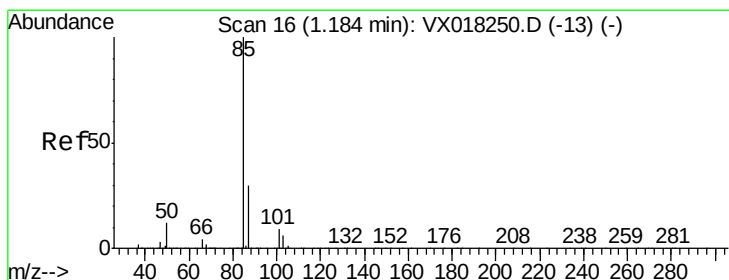
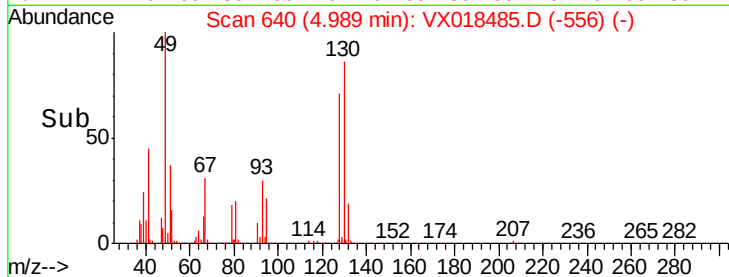
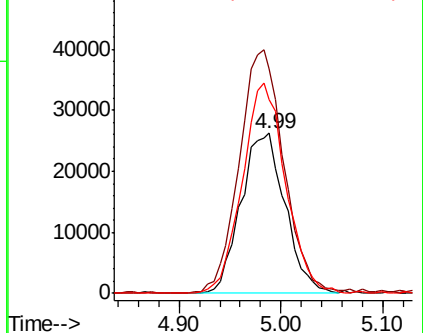
130 128.8 0.0 320.2



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: 18.622 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018485.D

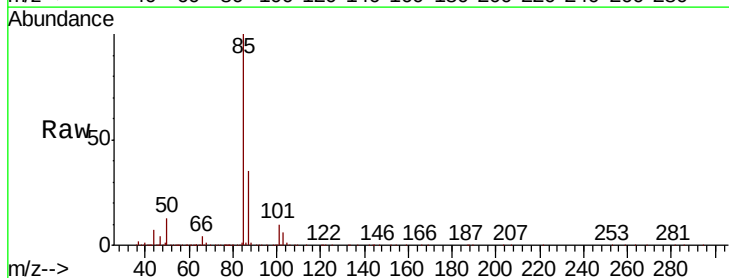
Acq: 18 Sep 2020 12:13

Tgt Ion: 85 Resp: 77810

Ion Ratio Lower Upper

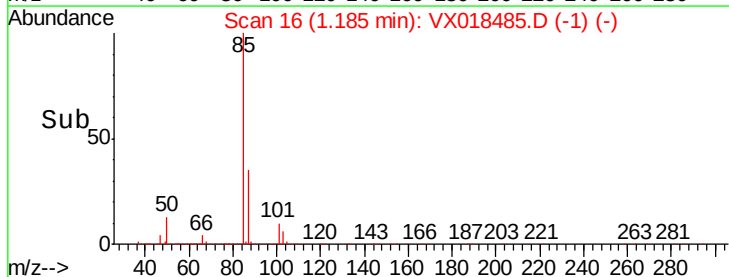
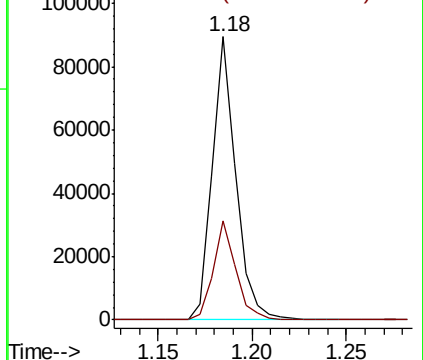
85 100

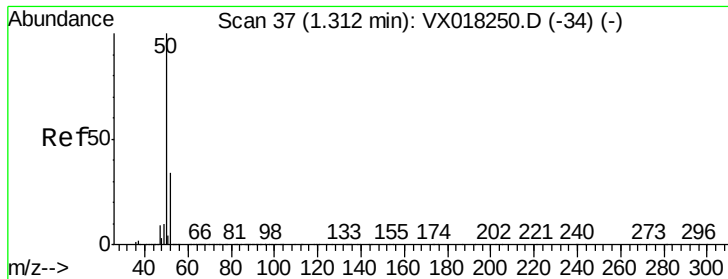
87 35.0 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

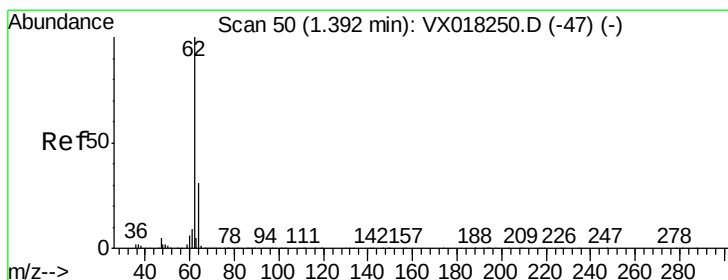
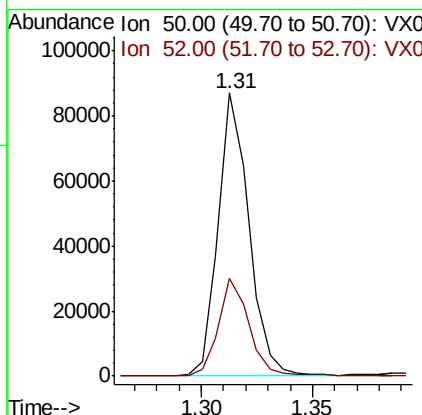
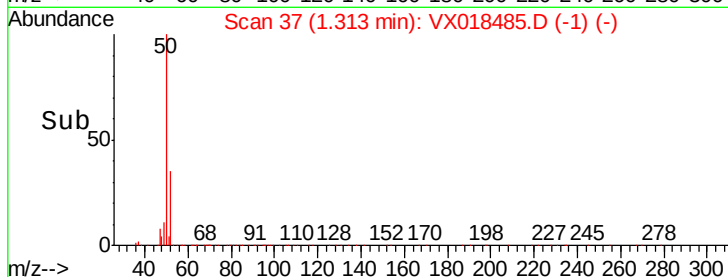
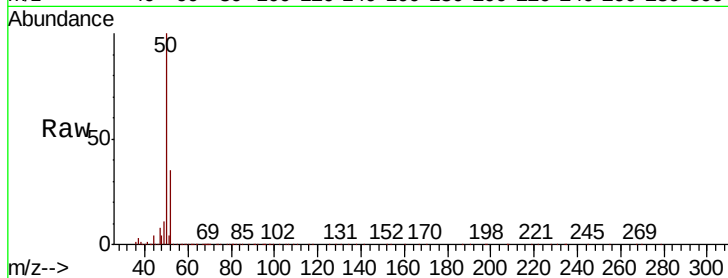




#3
Chloromethane
Concen: 18.715 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

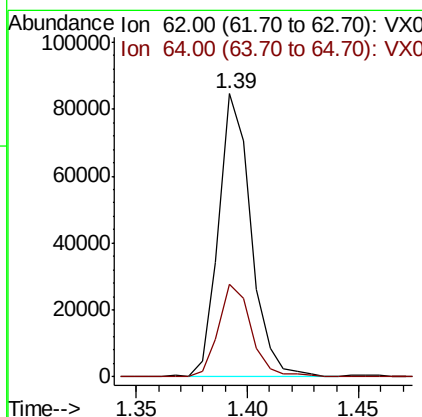
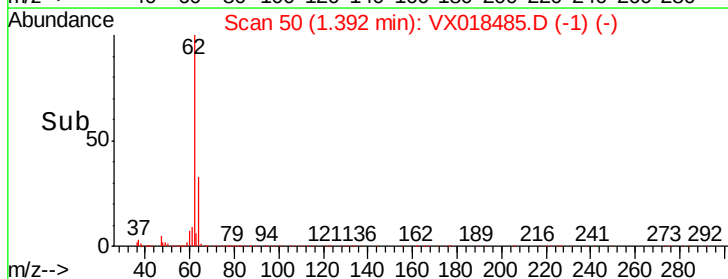
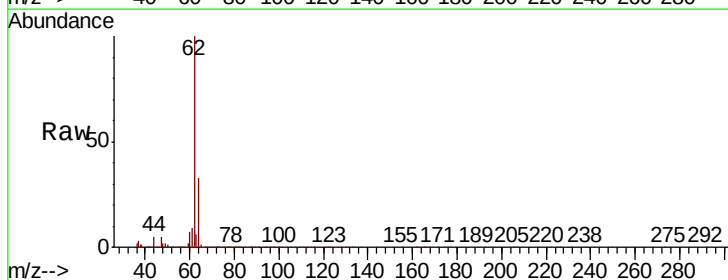
Instrument :
MSVOA_X
ClientSampled :
VX0918WBS01

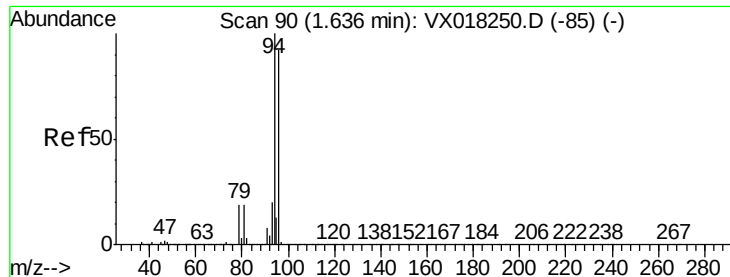
Tot Ion: 50 Resp: 83064
Ion Ratio Lower Upper
50 100
52 34.5 27.1 40.7



#4
Vinyl Chloride
Concen: 18.265 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion: 62 Resp: 85359
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5

Bromomethane

Concen: 20.396 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

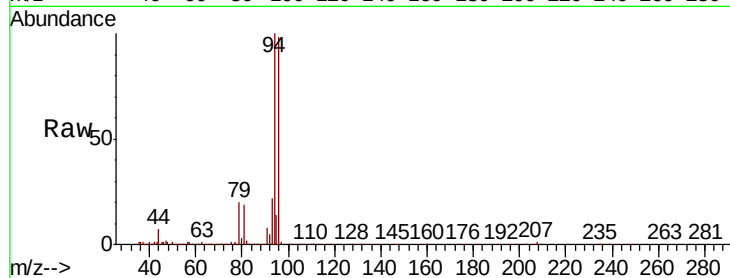
VX0918WBS01

Tot Ion: 94 Resp: 64854

Ion Ratio Lower Upper

94 100

96 97.7 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

60000

50000

40000

30000

20000

10000

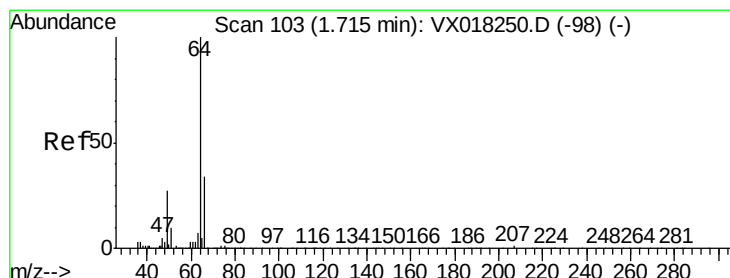
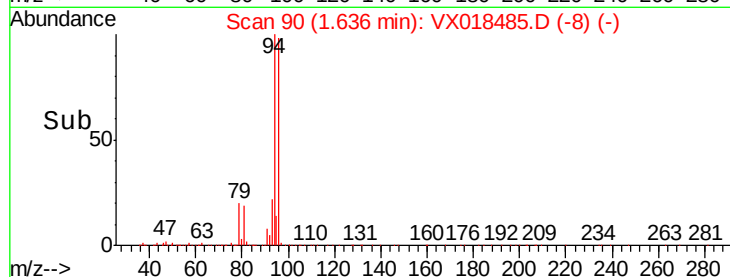
0

1.60

1.64

1.70

Time-->



#6

Chloroethane

Concen: 18.785 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018485.D

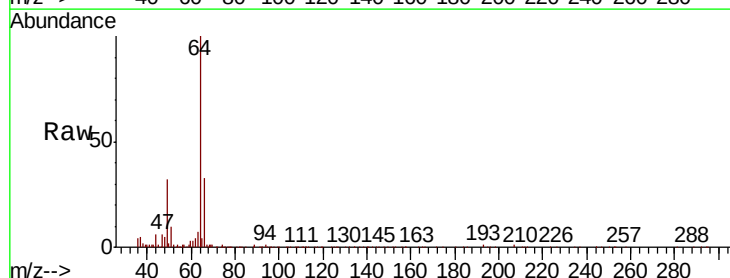
Acq: 18 Sep 2020 12:13

Tgt Ion: 64 Resp: 53358

Ion Ratio Lower Upper

64 100

66 33.0 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

50000

40000

30000

20000

10000

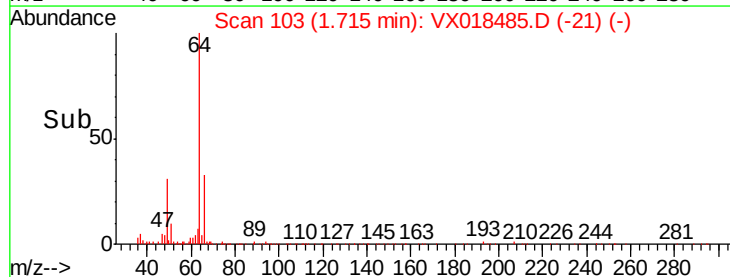
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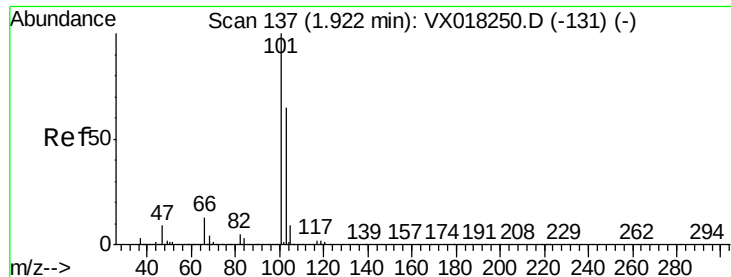
1.70

1.72

1.75

Time-->



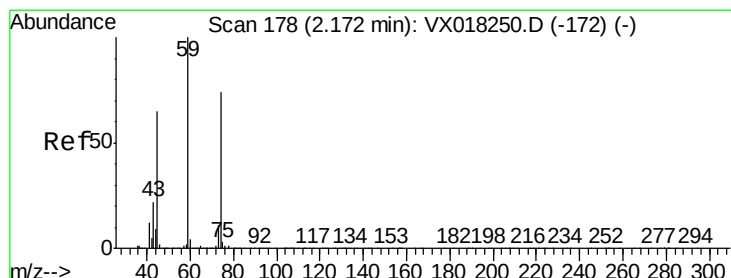
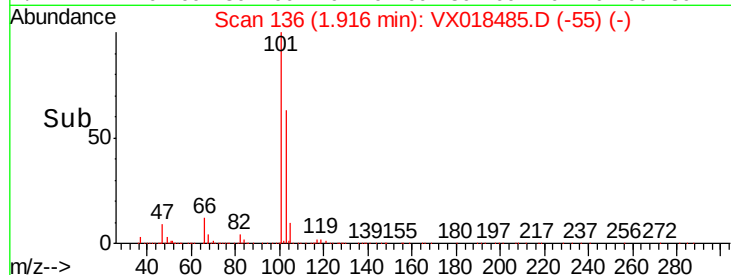
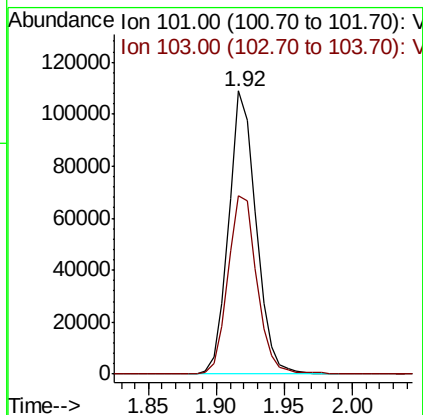
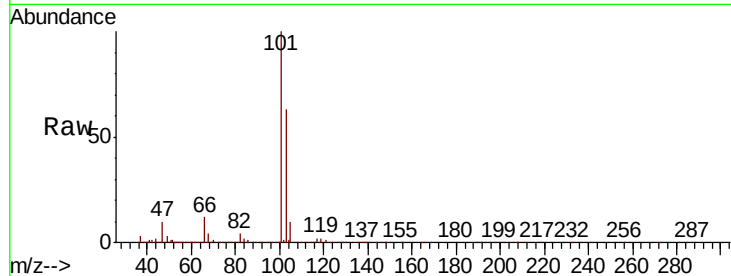


#7

Trichlorofluoromethane
 Concen: 19.321 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

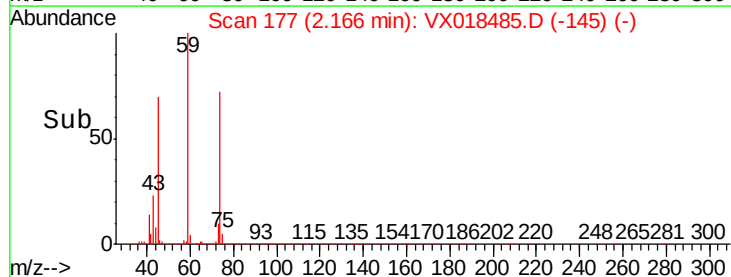
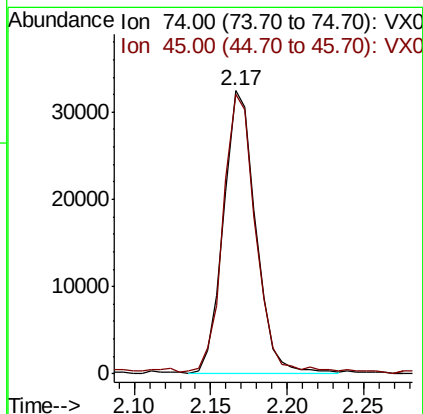
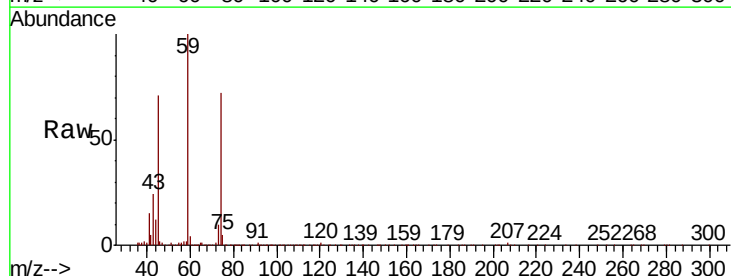
Tot Ion:101 Resp: 153025
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5

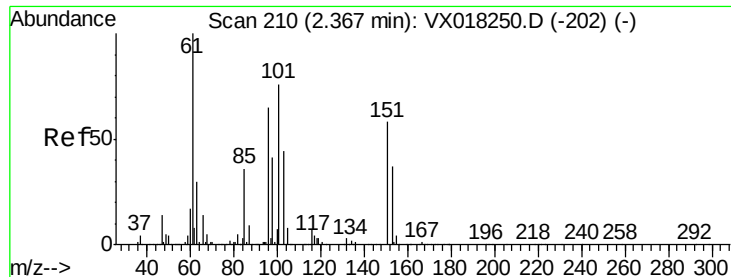


#8

Diethyl Ether
 Concen: 19.098 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion: 74 Resp: 47686
 Ion Ratio Lower Upper
 74 100
 45 97.1 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.833 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

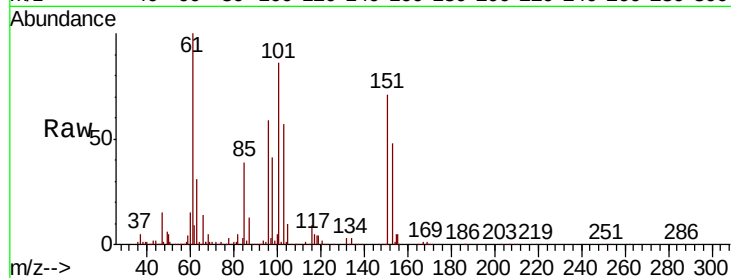
Tot Ion:101 Resp: 76210

Ion Ratio Lower Upper

101 100

85 48.0 0.0 87.8

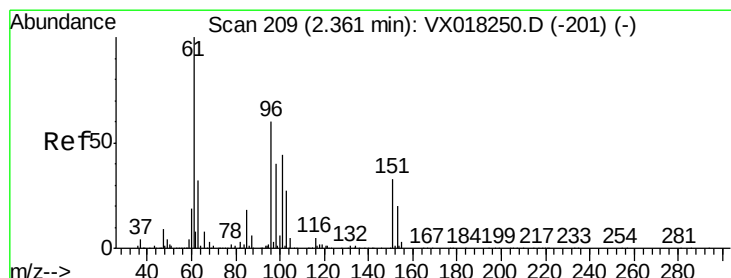
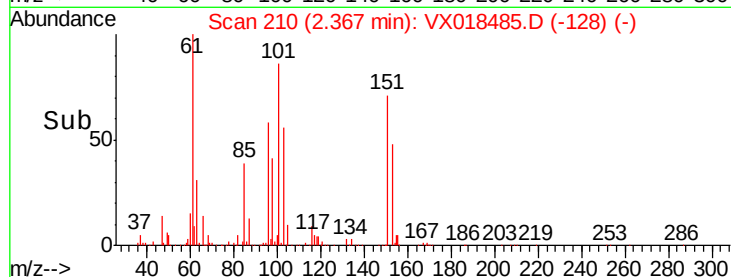
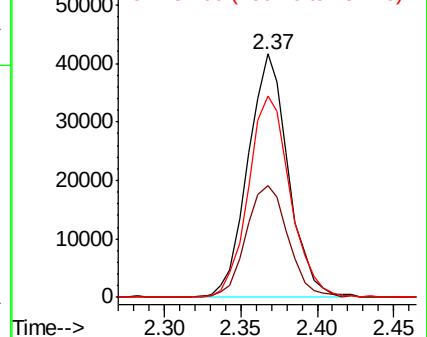
151 86.0 0.0 161.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.877 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

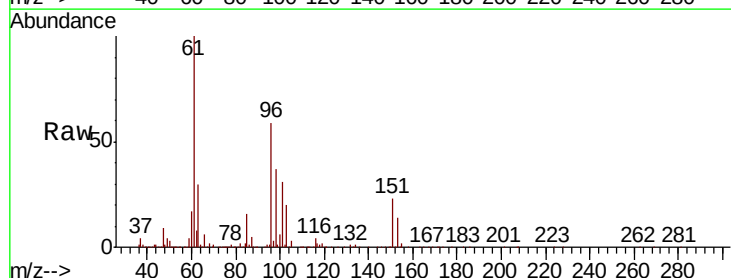
Tgt Ion: 96 Resp: 74985

Ion Ratio Lower Upper

96 100

61 167.9 132.5 198.7

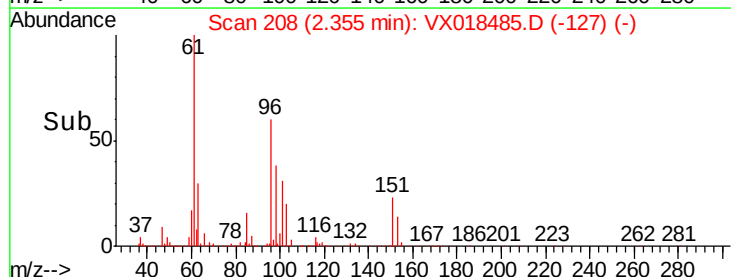
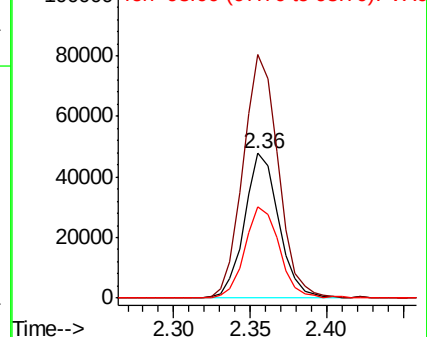
98 62.8 52.4 78.6

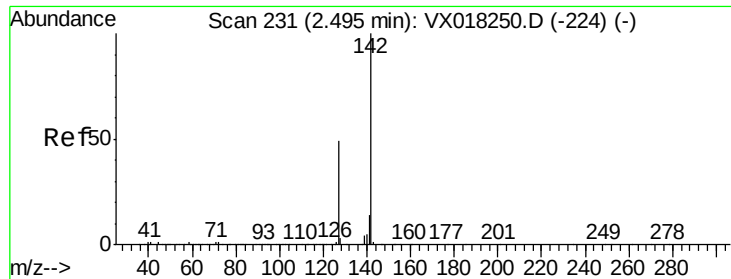


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

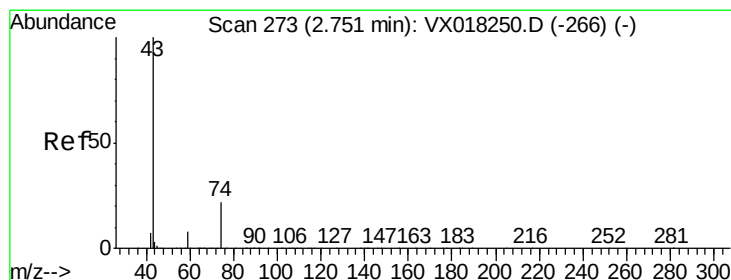
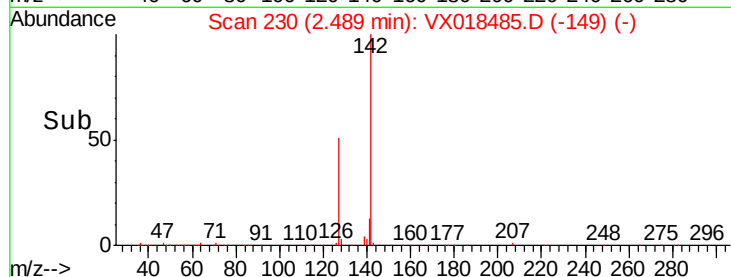
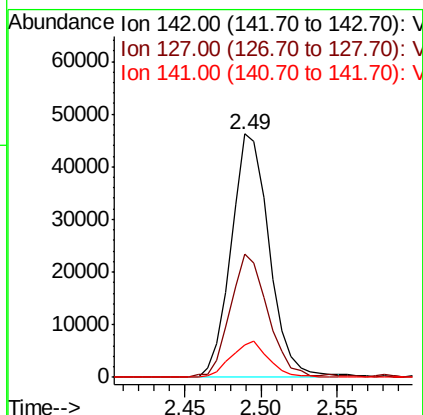
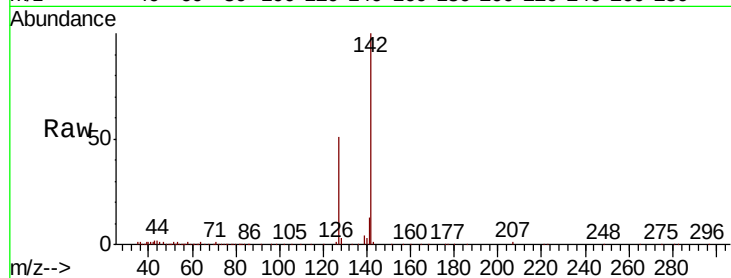




#11
Methvl Iodide
Concen: 20.785 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

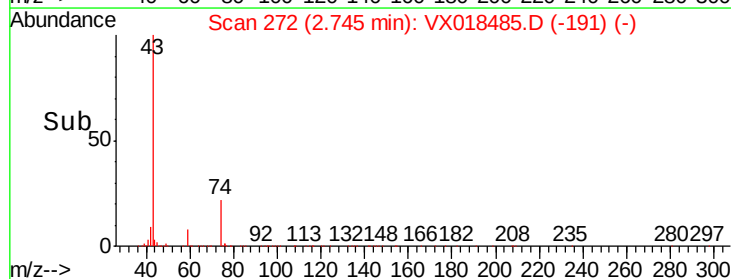
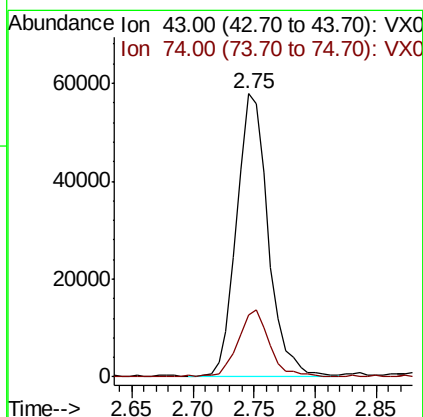
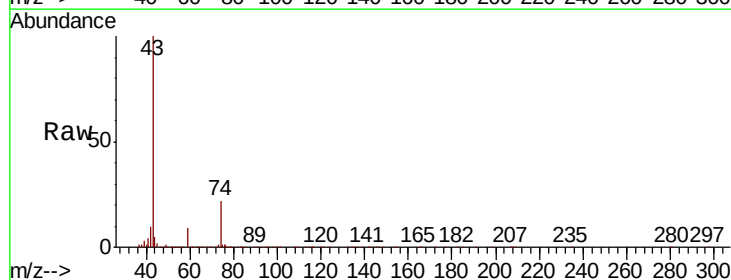
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

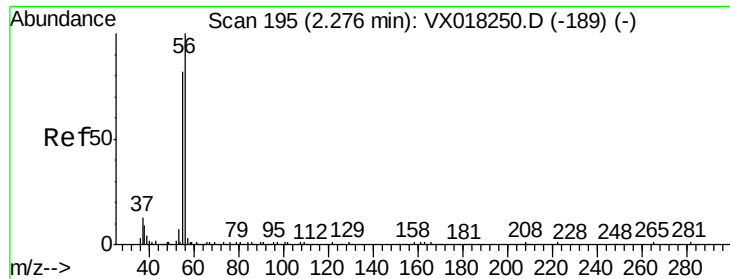
Tot Ion:142 Resp: 79586
Ion Ratio Lower Upper
142 100
127 50.5 24.6 74.0
141 13.4 7.0 21.0



#12
Methyl Acetate
Concen: 19.884 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion: 43 Resp: 103972
Ion Ratio Lower Upper
43 100
74 21.7 18.0 27.0





#13

Acrolein

Concen: 99.190 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

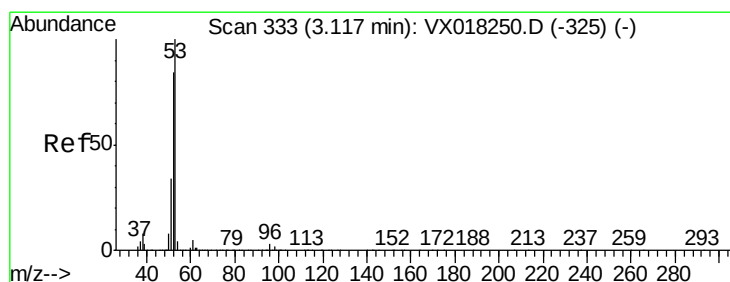
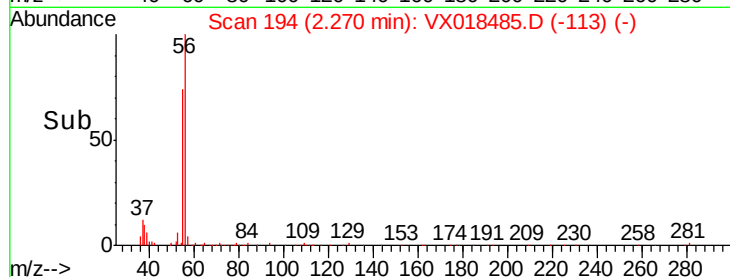
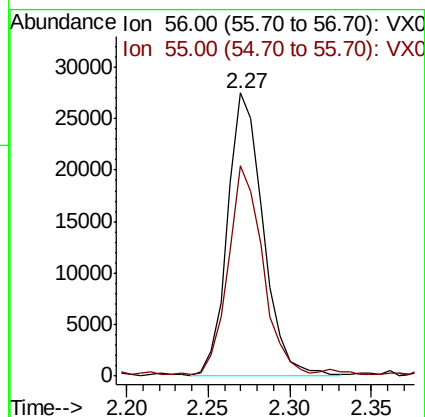
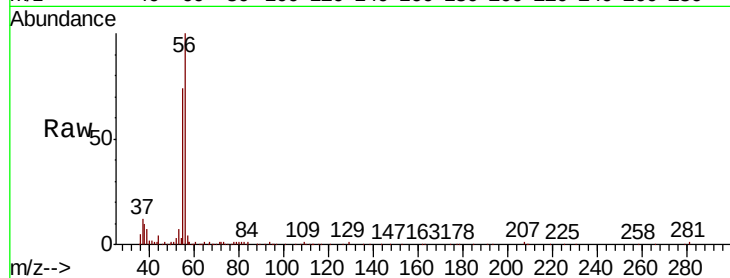
VX0918WBS01

Tot Ion: 56 Resp: 41857

Ion Ratio Lower Upper

56 100

55 70.9 59.7 89.5



#14

Acrylonitrile

Concen: 92.508 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

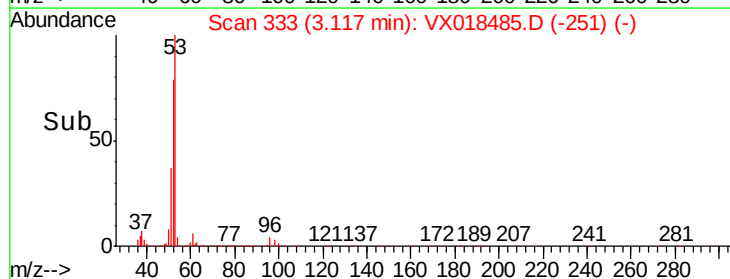
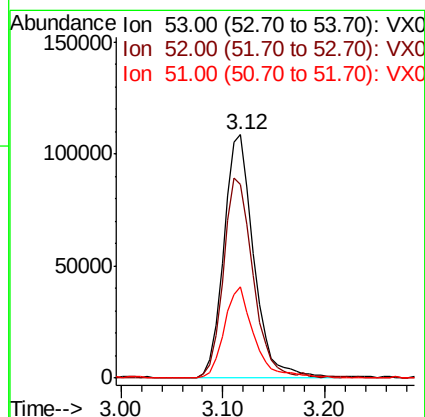
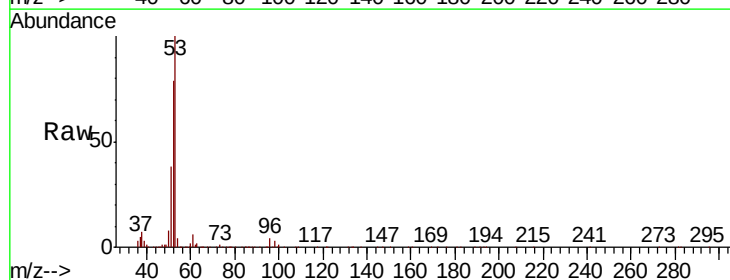
Tgt Ion: 53 Resp: 219176

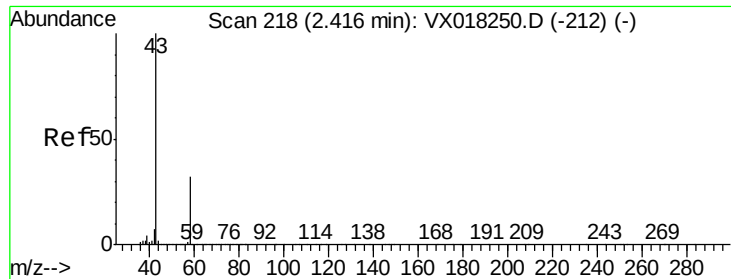
Ion Ratio Lower Upper

53 100

52 80.9 41.9 125.7

51 37.4 18.3 54.8





#15

Acetone

Concen: 91.969 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

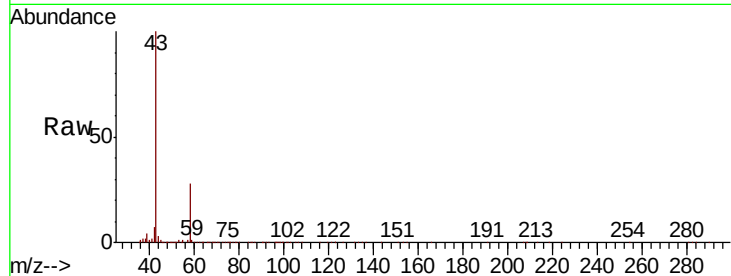
VX0918WBS01

Tot Ion: 58 Resp: 59244

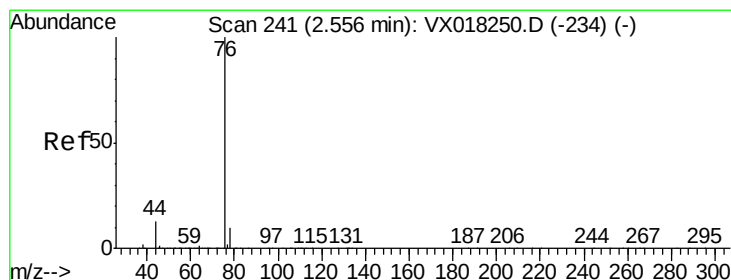
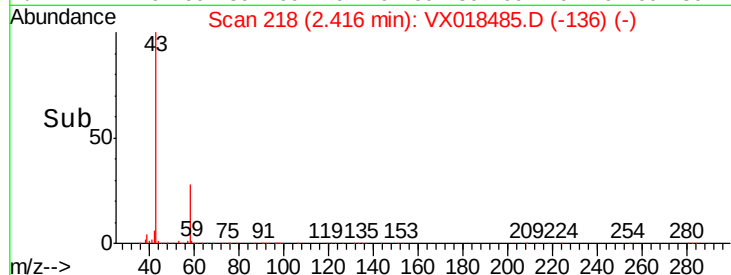
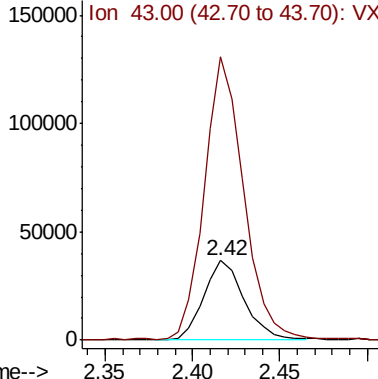
Ion Ratio Lower Upper

58 100

43 354.7 248.2 372.2



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



#16

Carbon Disulfide

Concen: 18.839 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018485.D

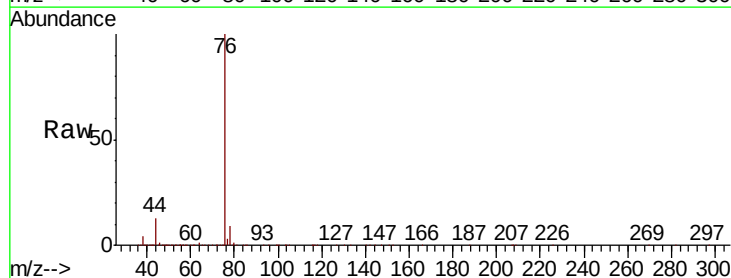
Acq: 18 Sep 2020 12:13

Tgt Ion: 76 Resp: 217897

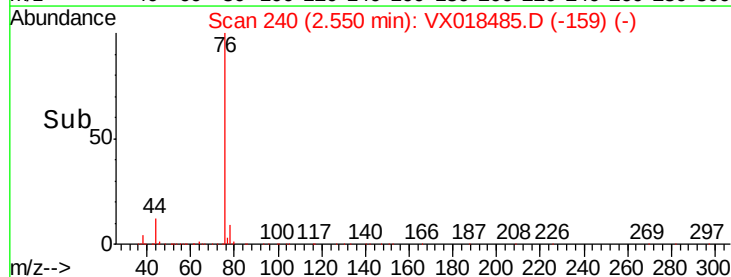
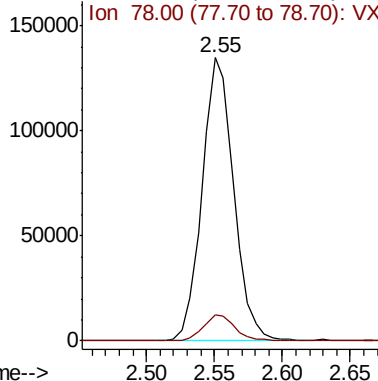
Ion Ratio Lower Upper

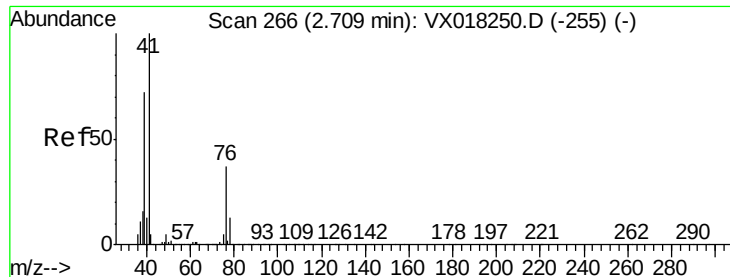
76 100

78 9.0 7.8 11.6



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

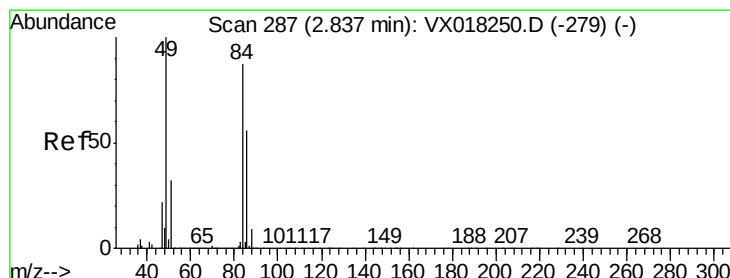
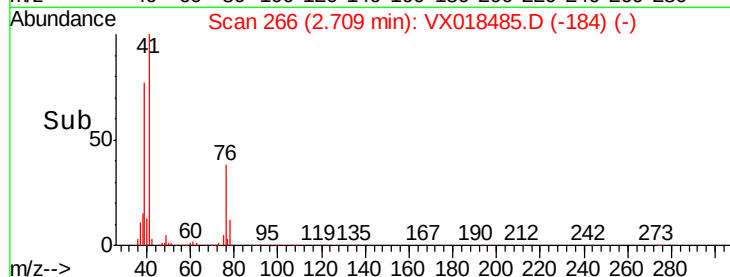
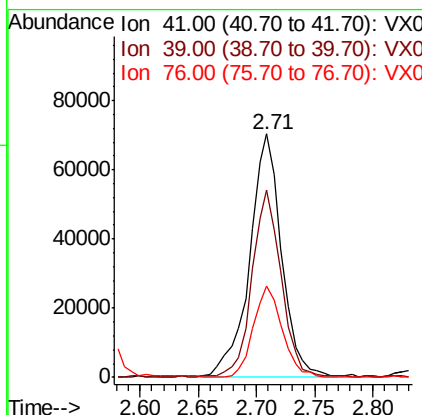
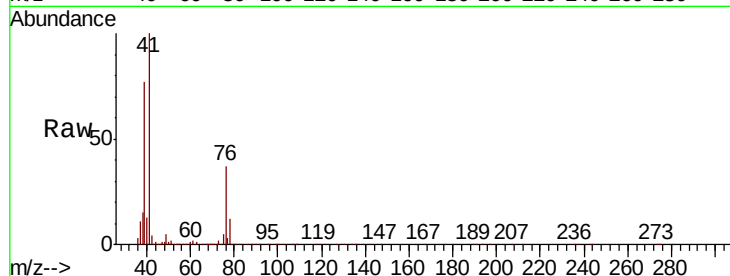




#17
Allvl chloride
Concen: 18.761 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

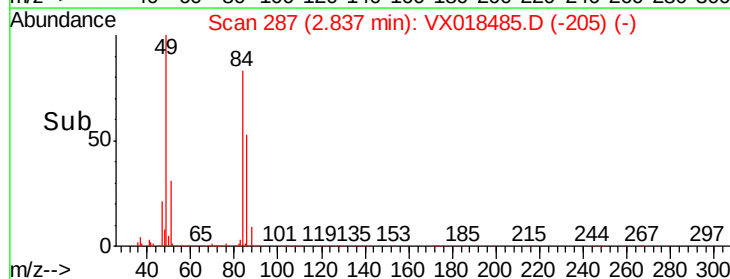
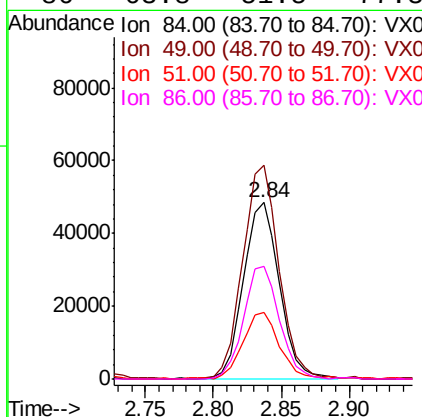
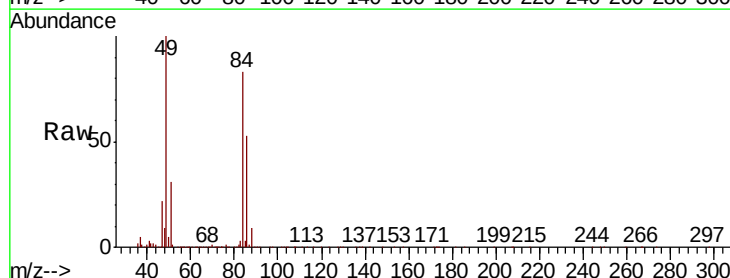
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

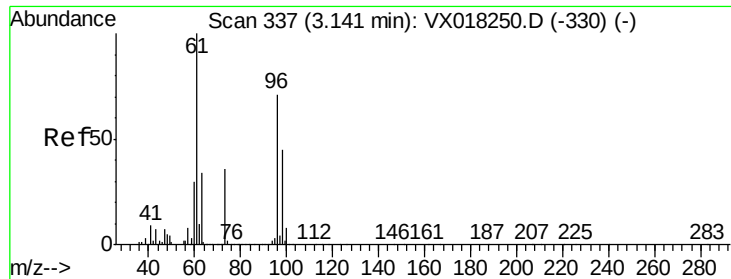
Tot Ion: 41 Resp: 133199
Ion Ratio Lower Upper
41 100
39 77.0 36.0 108.1
76 37.1 18.6 55.6



#18
Methylene Chloride
Concen: 19.260 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion: 84 Resp: 89790
Ion Ratio Lower Upper
84 100
49 120.9 91.6 137.4
51 37.3 29.4 44.0
86 63.8 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 19.331 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

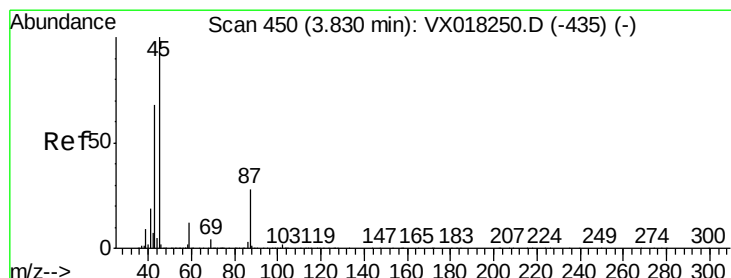
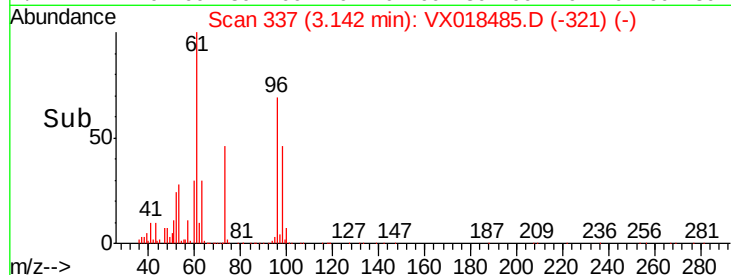
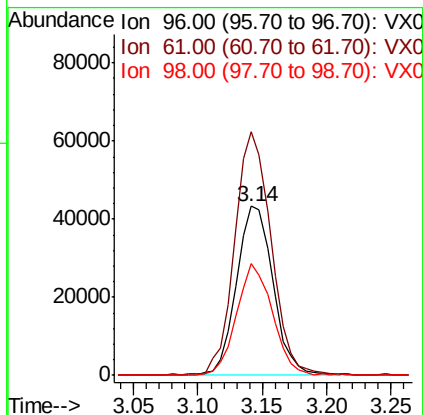
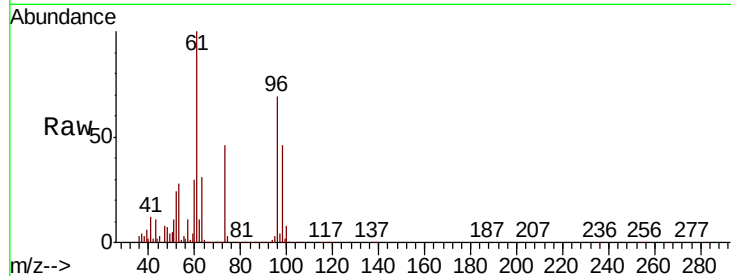
Tot Ion: 96 Resp: 85255

Ion Ratio Lower Upper

96 100

61 143.3 112.8 169.2

98 65.5 51.0 76.4



#20

Diisopropyl ether

Concen: 19.584 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Tgt Ion: 45 Resp: 275262

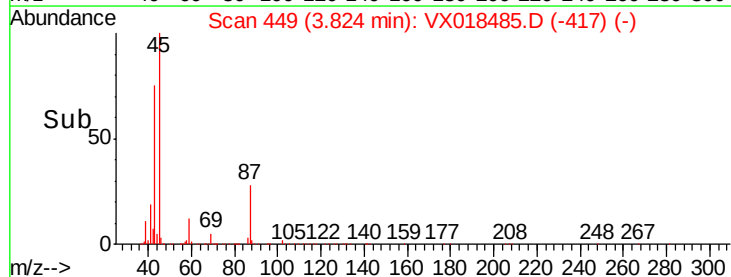
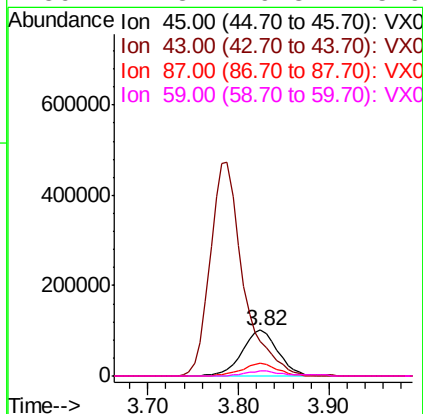
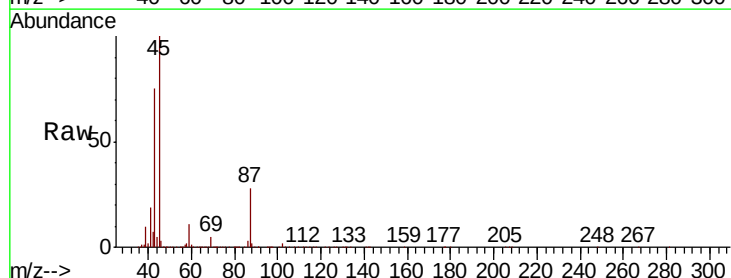
Ion Ratio Lower Upper

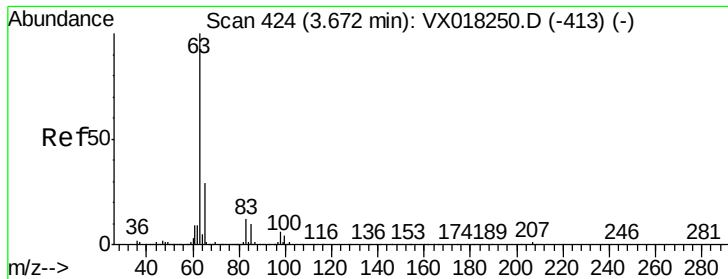
45 100

43 74.2 54.5 81.7

87 28.1 22.2 33.2

59 11.3 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.104 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

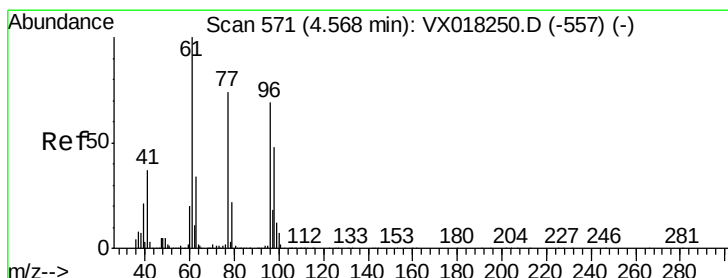
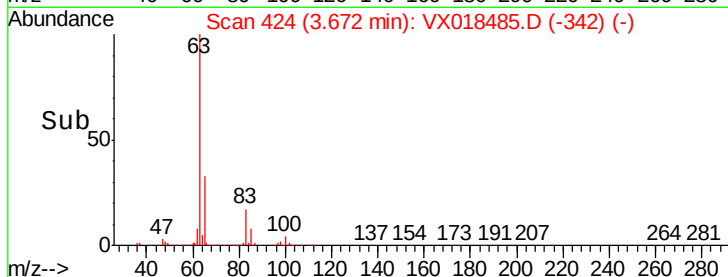
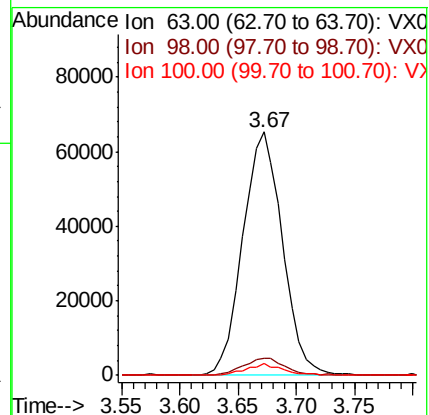
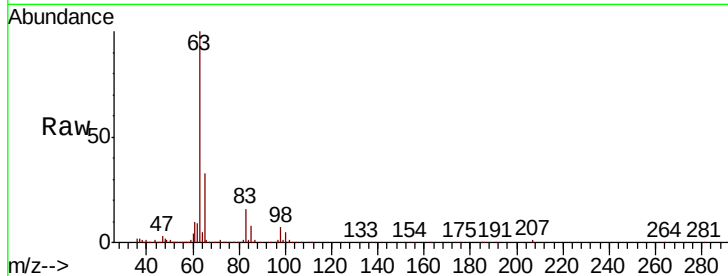
Tot Ion: 63 Resp: 154126

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.9 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 19.509 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

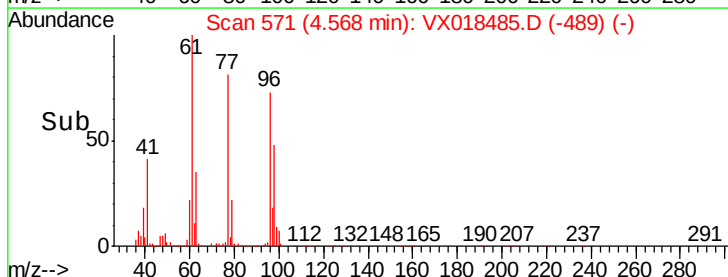
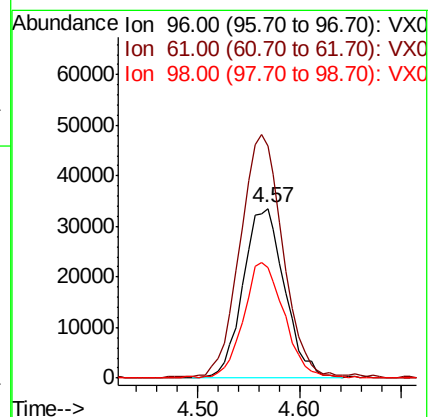
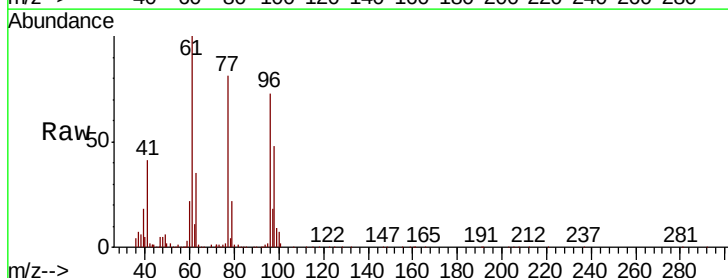
Tgt Ion: 96 Resp: 95199

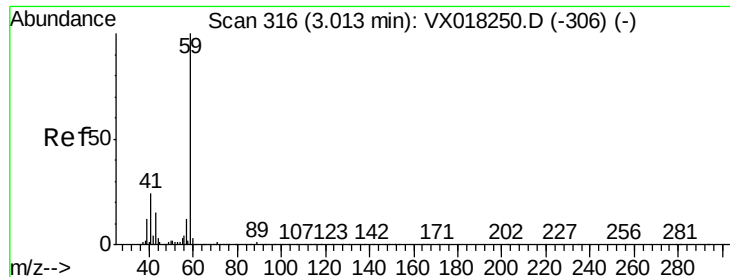
Ion Ratio Lower Upper

96 100

61 147.9 116.2 174.4

98 66.4 52.5 78.7





#23

tert-Butyl Alcohol

Concen: 91.356 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

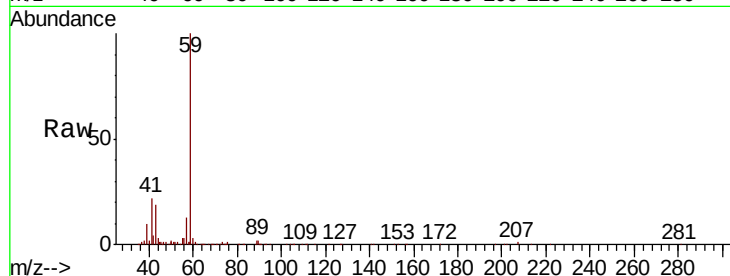
VX0918WBS01

Tot Ion: 59 Resp: 93796

Ion Ratio Lower Upper

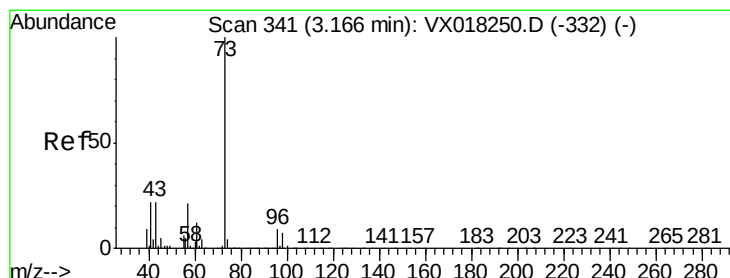
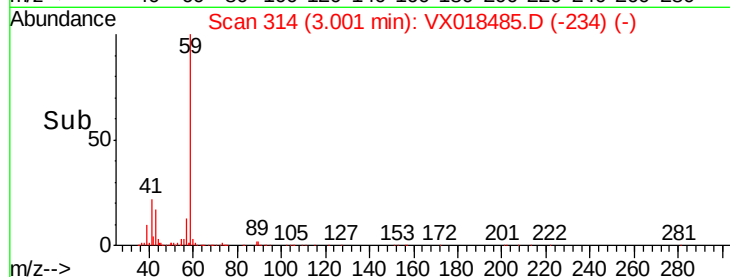
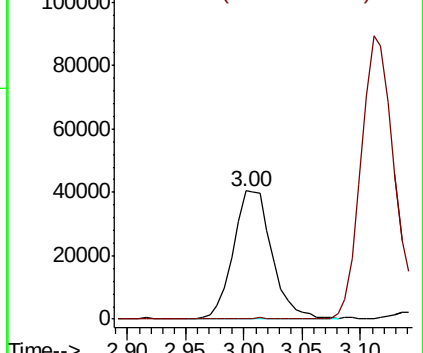
59 100

52 0.4 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: 19.449 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018485.D

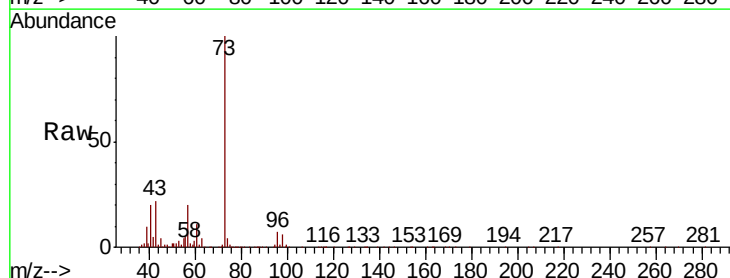
Acq: 18 Sep 2020 12:13

Tgt Ion: 73 Resp: 274655

Ion Ratio Lower Upper

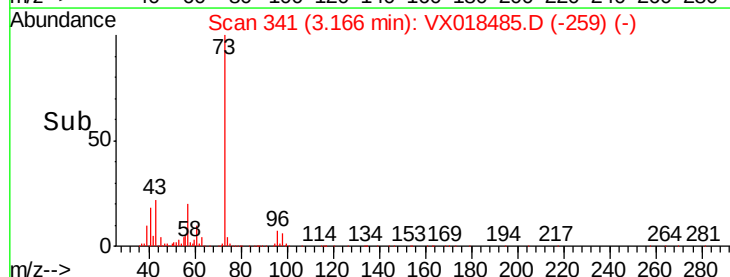
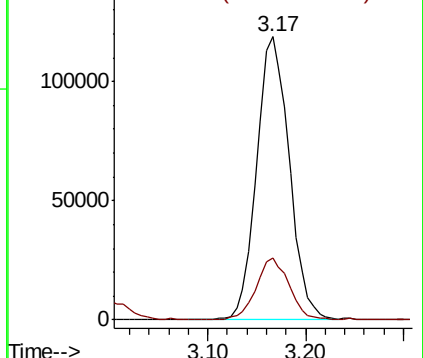
73 100

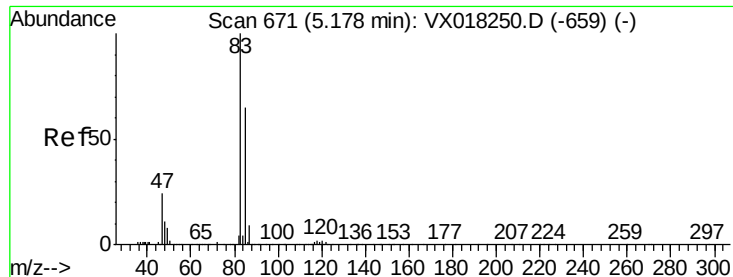
43 21.9 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

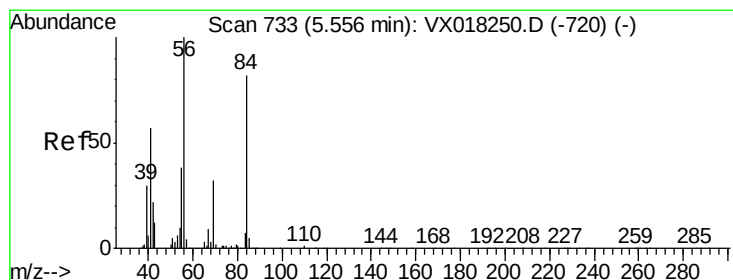
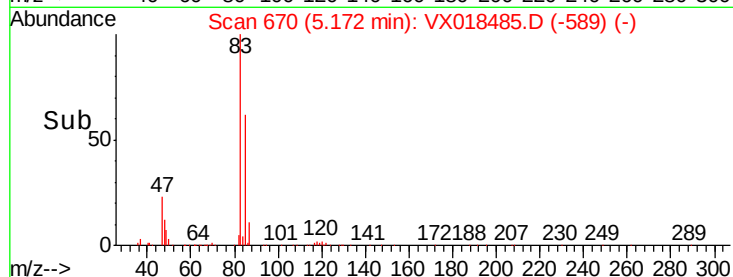
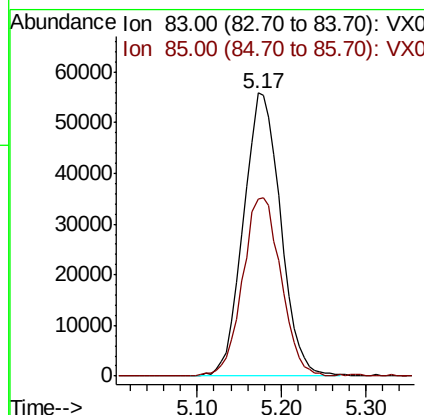
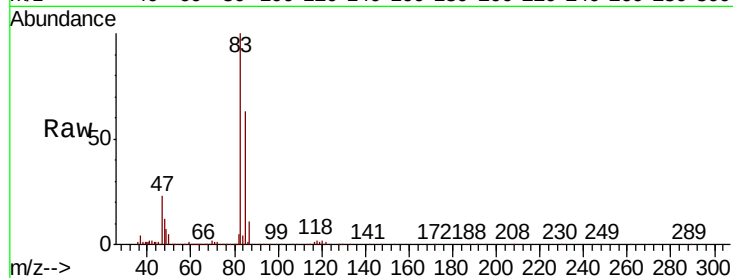




#25
Chloroform
Concen: 19.413 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

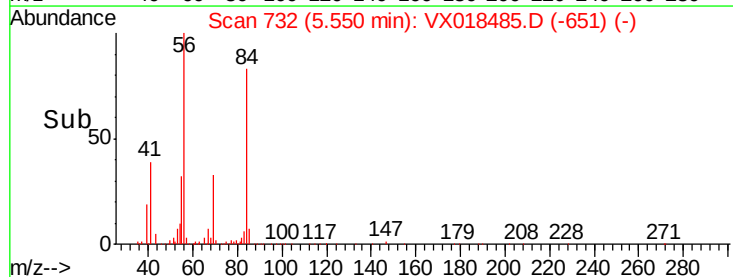
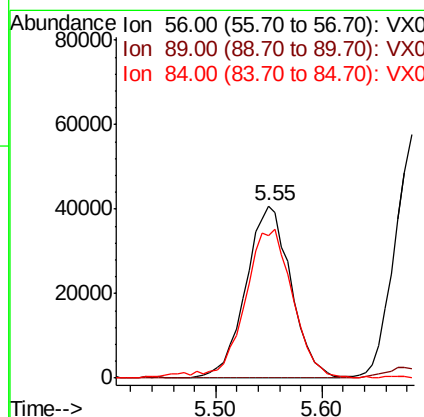
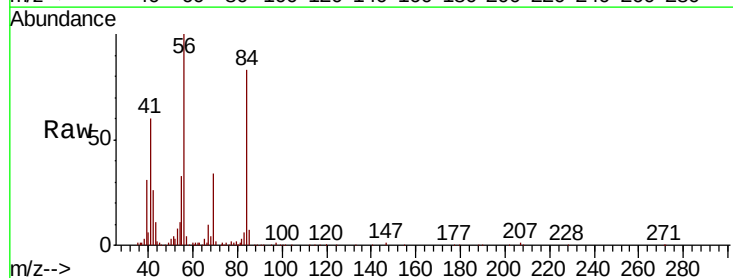
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

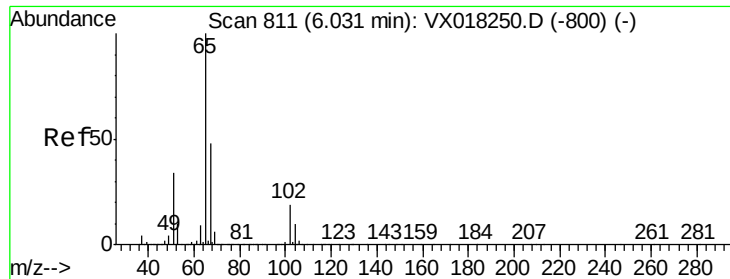
Tot Ion: 83 Resp: 167146
Ion Ratio Lower Upper
83 100
85 62.6 51.6 77.4



#26
Cyclohexane
Concen: 18.301 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion: 56 Resp: 119171
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 90.2 41.0 61.4#

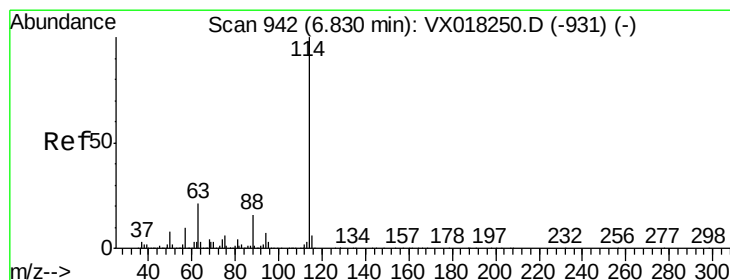
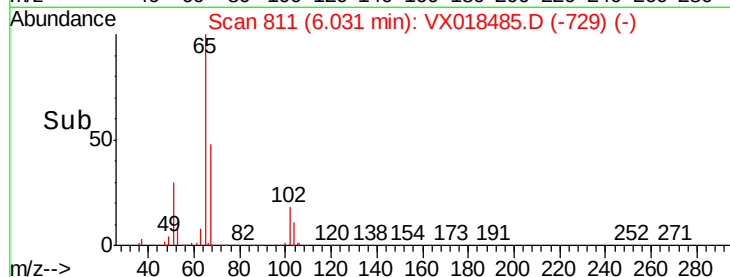
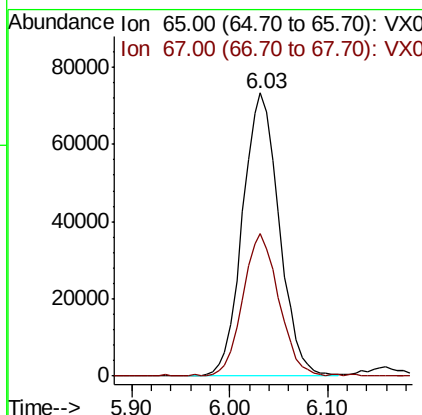
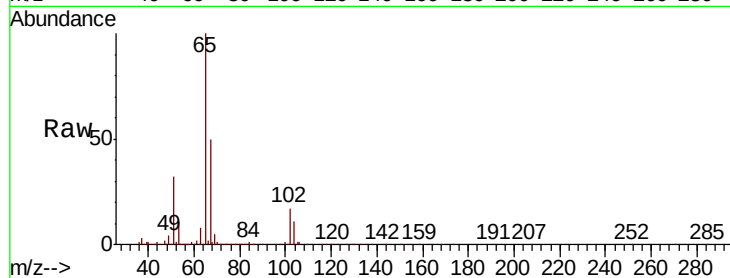




#27
 1,2-Dichloroethane-d4
 Concen: 30.574 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

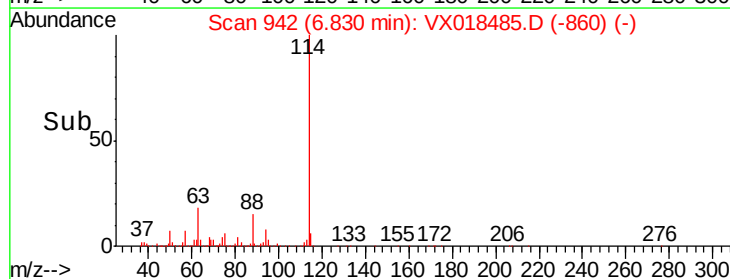
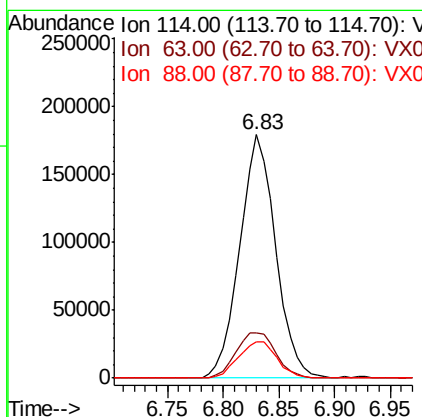
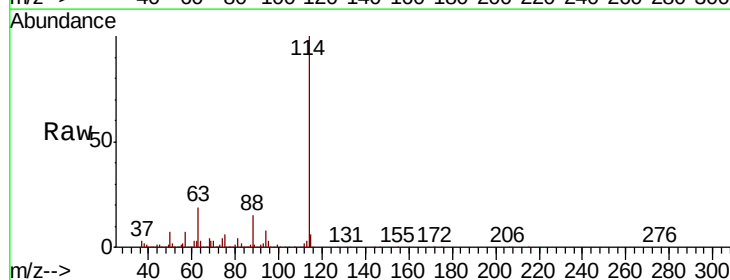
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

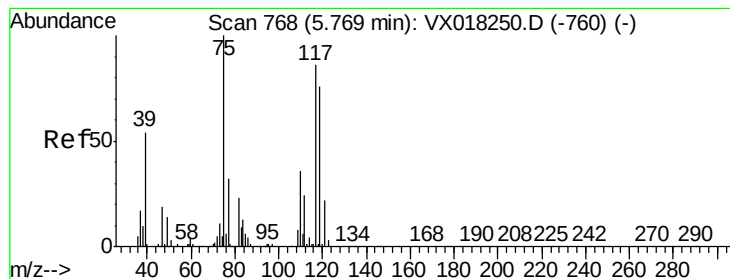
Tot Ion: 65 Resp: 190466
 Ion Ratio Lower Upper
 65 100
 67 49.0 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion: 114 Resp: 402227
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.7 25.1
 88 16.2 12.6 18.8





#29

1,1-Dichloropropene

Concen: 19.725 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

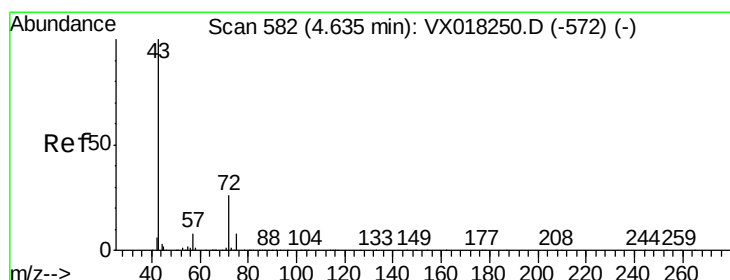
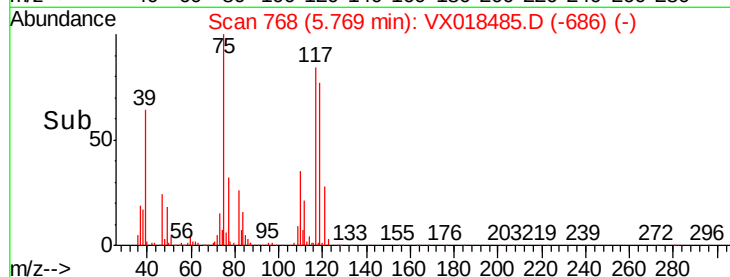
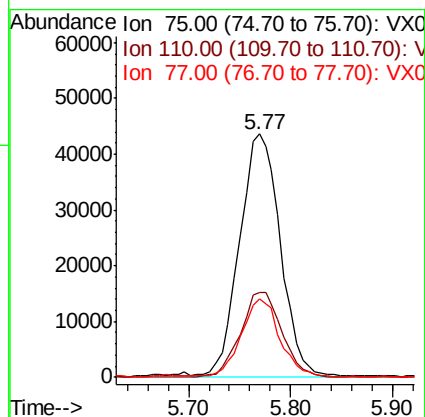
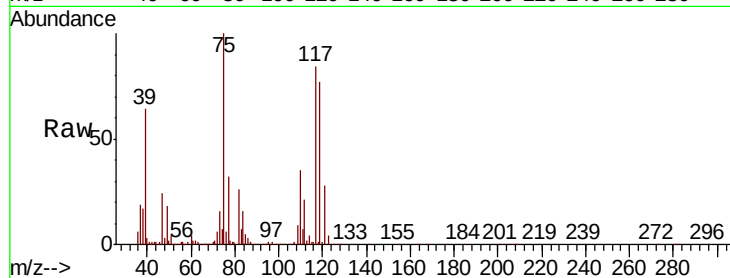
Tot Ion: 75 Resp: 121108

Ion Ratio Lower Upper

75 100

110 35.3 0.0 72.2

77 30.5 0.0 61.0



#30

2-Butanone

Concen: 94.255 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

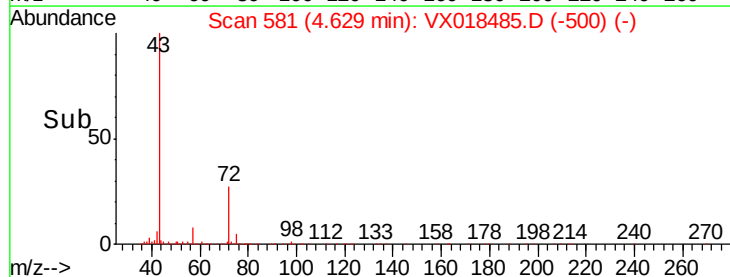
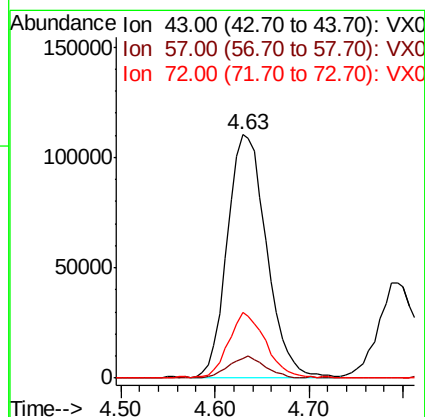
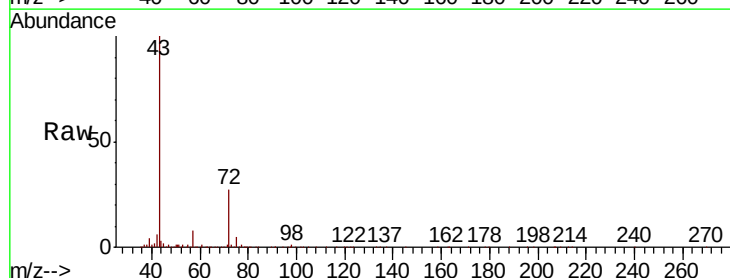
Tgt Ion: 43 Resp: 316870

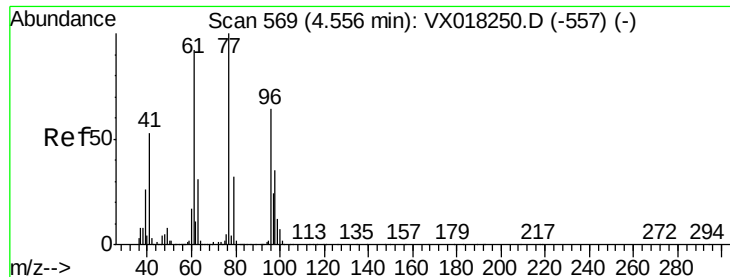
Ion Ratio Lower Upper

43 100

57 8.5 6.7 10.1

72 25.7 20.0 30.0

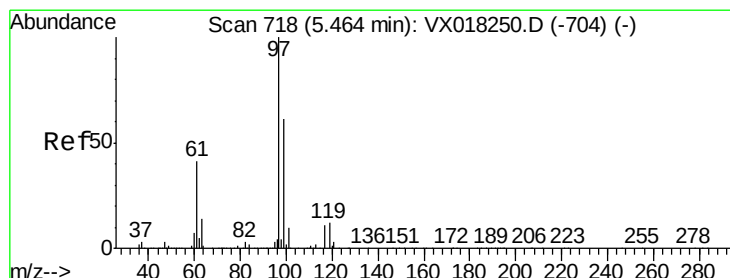
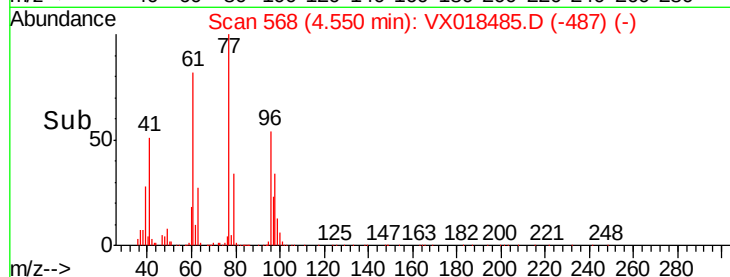
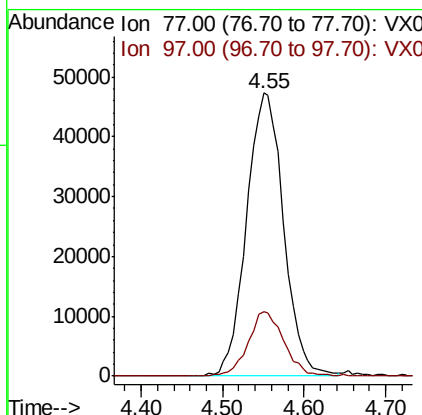
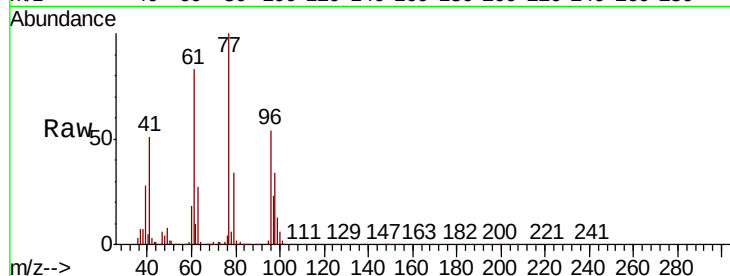




#31
 2,2-Dichloropropane
 Concen: 20.144 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

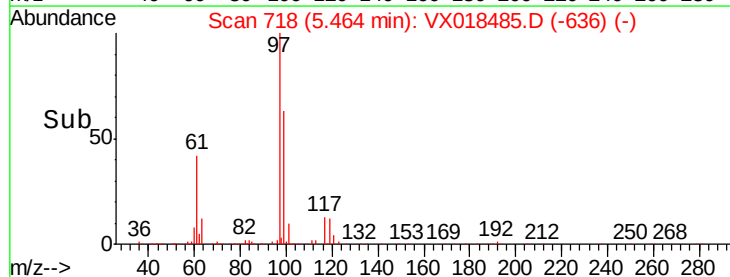
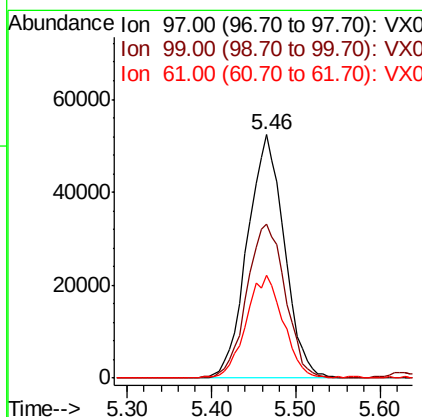
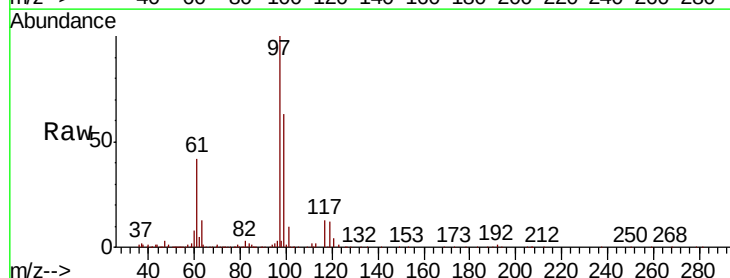
Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS01

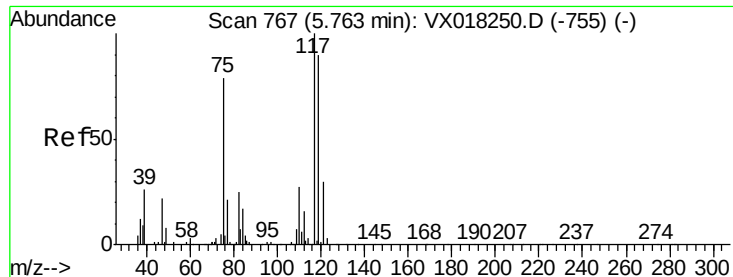
Tot Ion: 77 Resp: 149395
 Ion Ratio Lower Upper
 77 100
 97 22.0 18.1 27.1



#32
 1,1,1-Trichloroethane
 Concen: 19.456 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion: 97 Resp: 156364
 Ion Ratio Lower Upper
 97 100
 99 65.5 50.7 76.1
 61 42.2 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.430 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

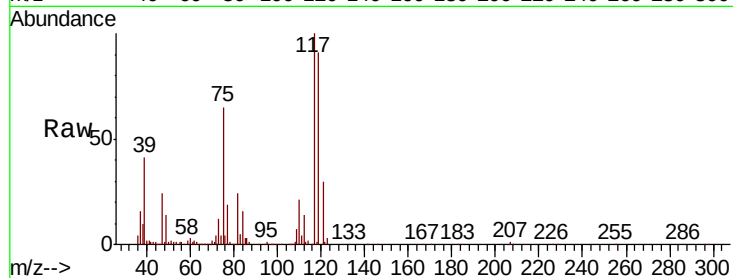
Tot Ion:117 Resp: 145506

Ion Ratio Lower Upper

117 100

119 91.2 72.3 108.5

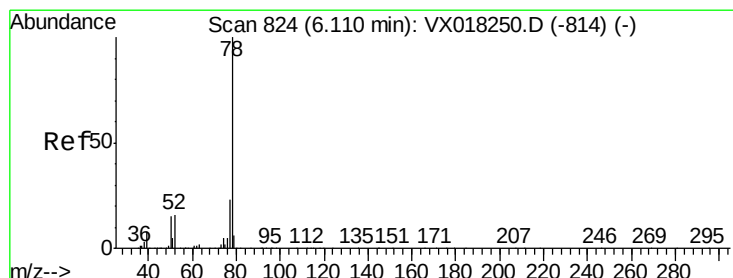
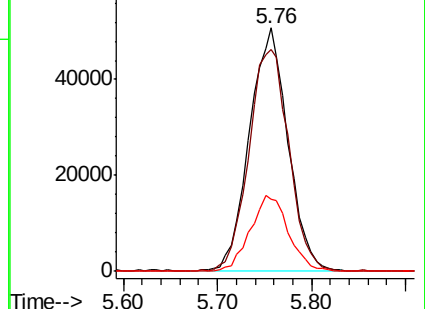
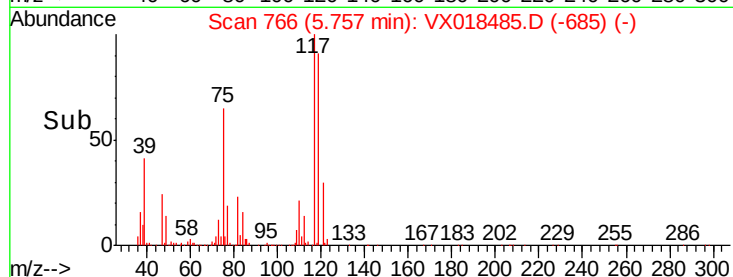
121 29.5 24.1 36.1



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: 19.248 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

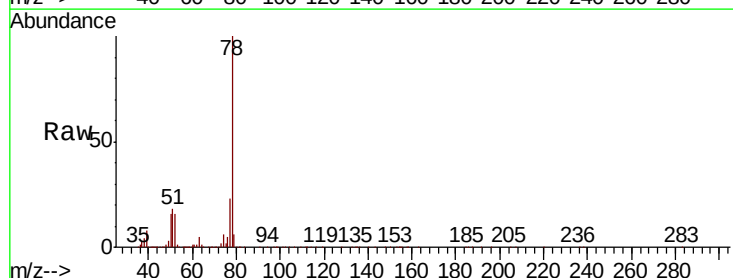
Tgt Ion: 78 Resp: 337342

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

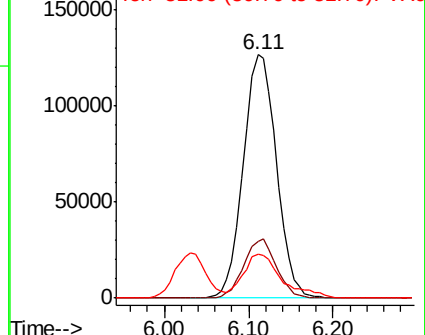
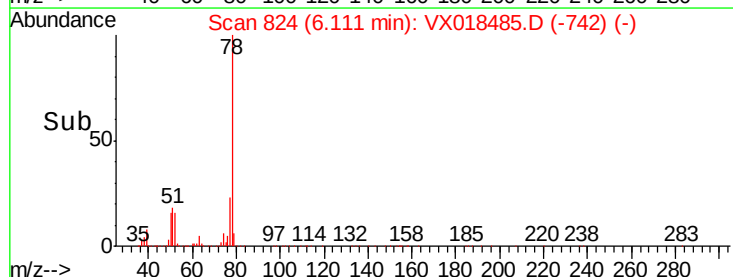
51 17.7 11.3 16.9#

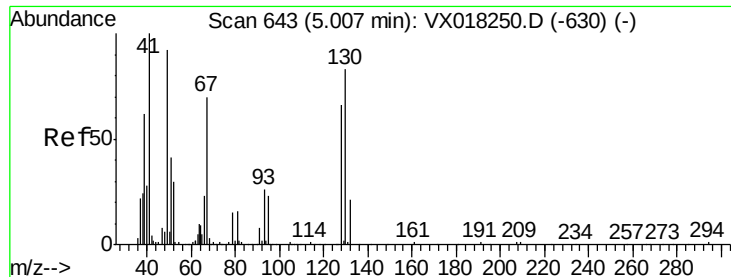


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

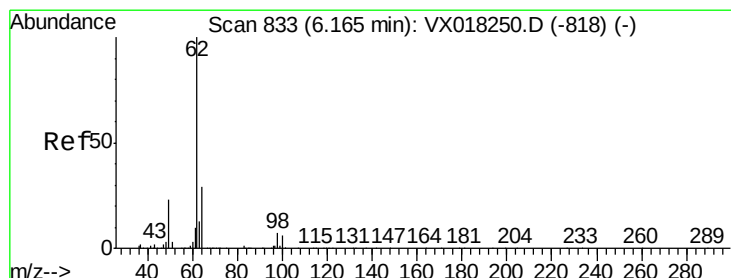
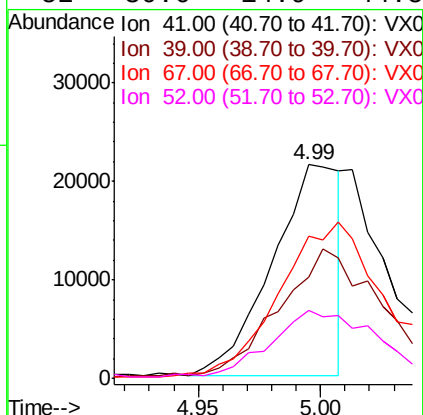
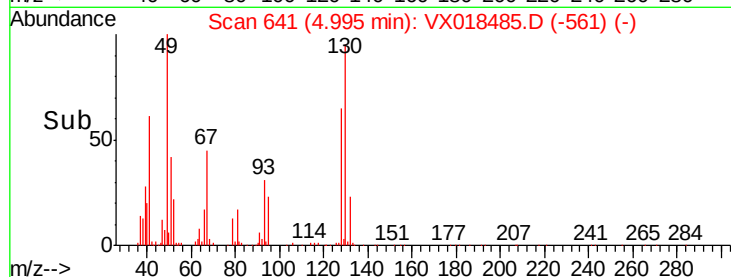
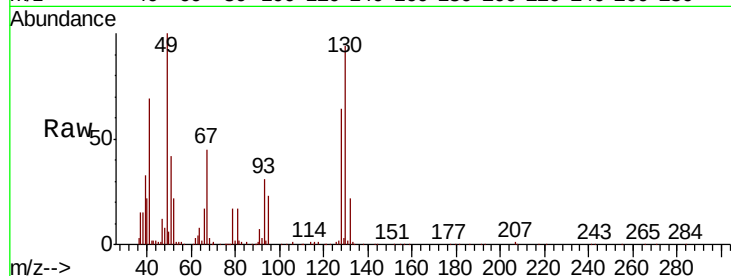




#35
Methacrylonitrile
Concen: 11.746 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

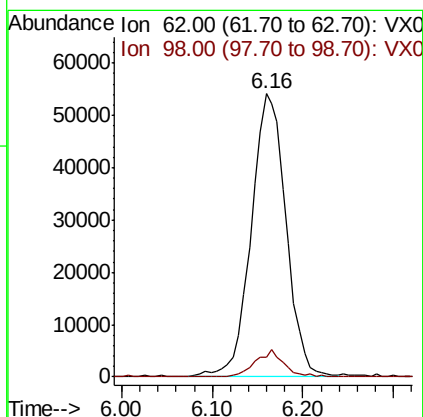
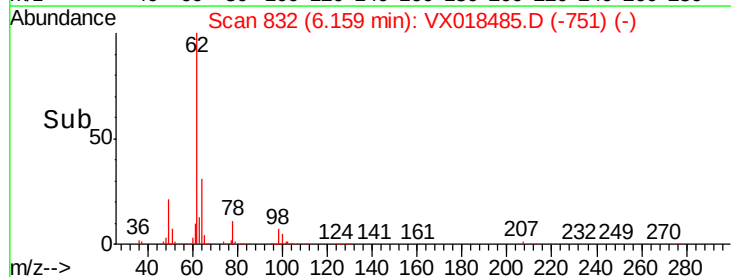
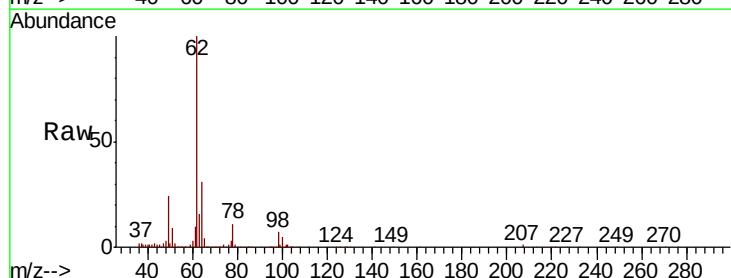
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

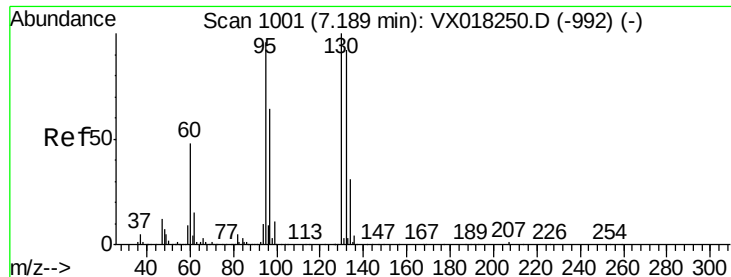
Tot Ion:	41	Resp:	41616
Ion	Ratio	Lower	Upper
41	100		
39	47.3	31.3	93.9
67	65.6	35.4	106.2
52	30.6	14.9	44.5



#36
1,2-Dichloroethane
Concen: 19.760 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion:	62	Resp:	143328
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	0.0#

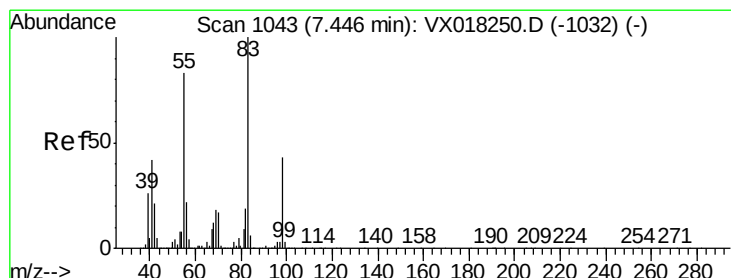
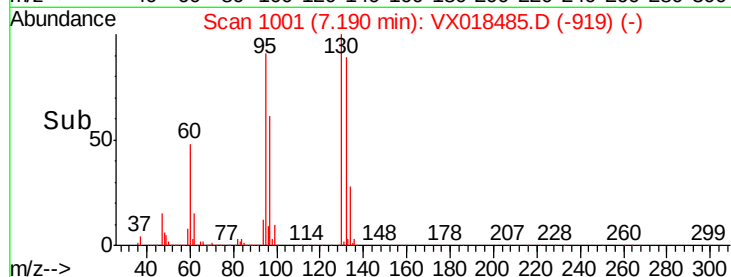
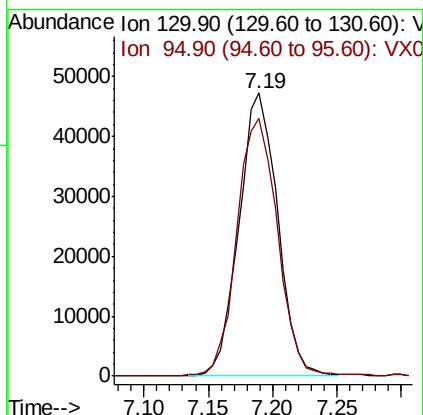
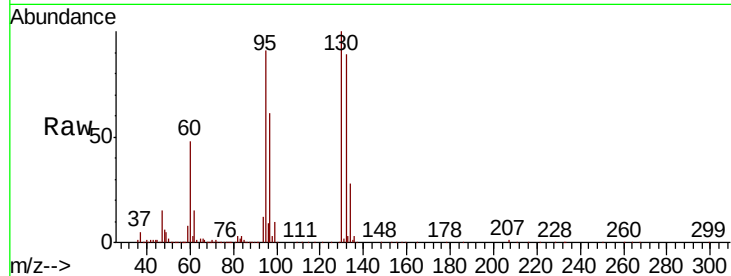




#37
 Trichloroethene
 Concen: 19.383 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

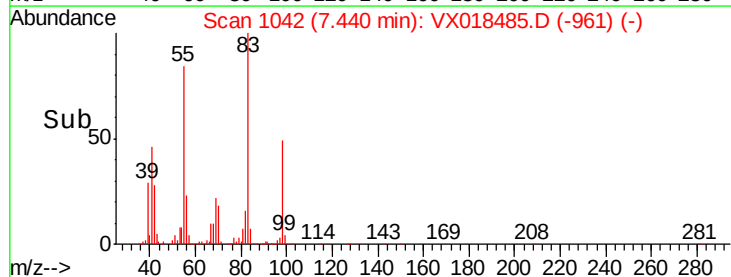
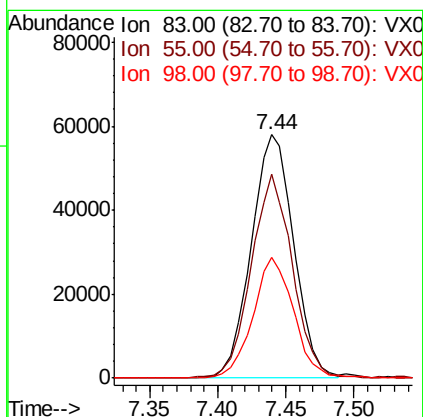
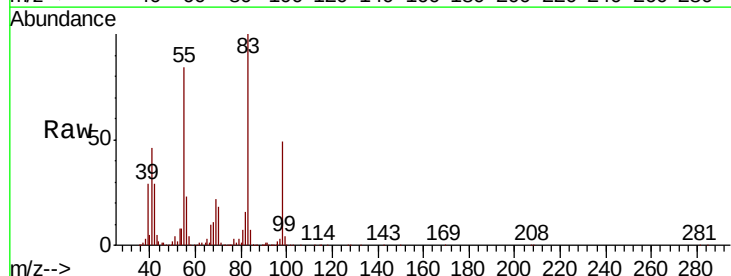
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

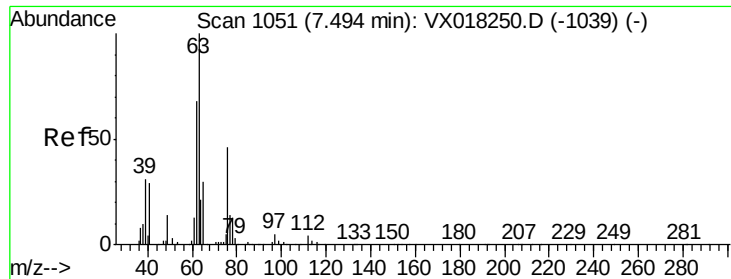
Tot Ion:130 Resp: 98232
 Ion Ratio Lower Upper
 130 100
 95 90.8 76.9 115.3



#38
 Methylcyclohexane
 Concen: 19.407 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion: 83 Resp: 126926
 Ion Ratio Lower Upper
 83 100
 55 80.8 41.1 123.4
 98 46.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.829 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

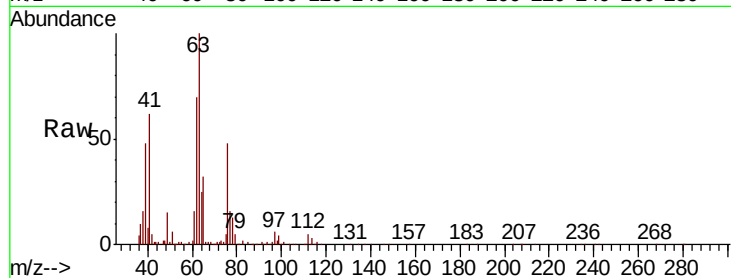
VX0918WBS01

Tot Ion: 63 Resp: 88386

Ion Ratio Lower Upper

63 100

65 31.5 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

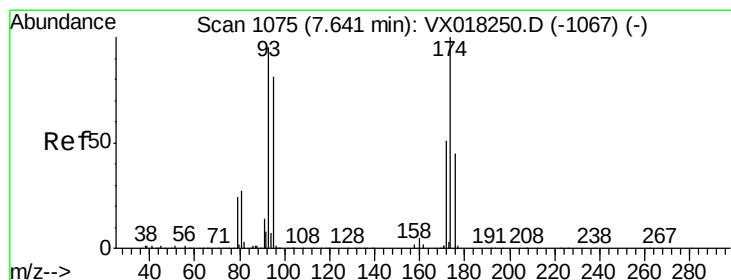
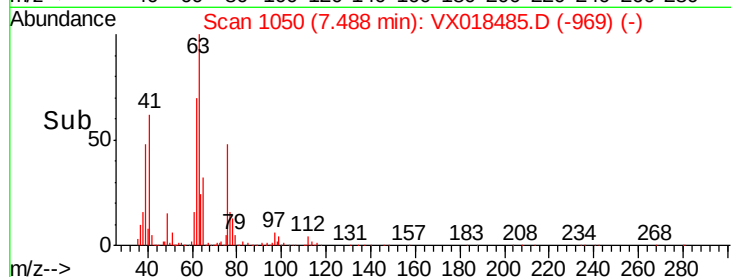
Time-->

7.40

7.45

7.50

7.55



#40

Dibromomethane

Concen: 19.600 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

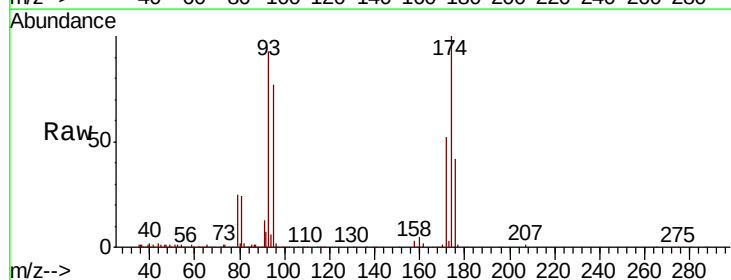
Tgt Ion: 93 Resp: 66440

Ion Ratio Lower Upper

93 100

95 81.8 0.0 167.0

174 96.2 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

40000

30000

20000

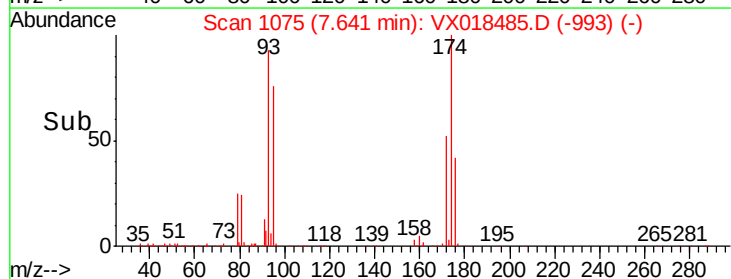
10000

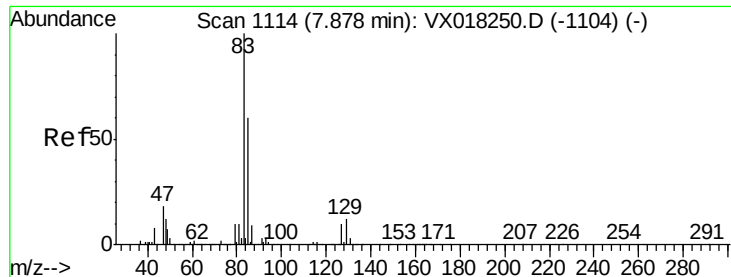
0

Time-->

7.60

7.70





#41

Bromodichloromethane

Concen: 18.944 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

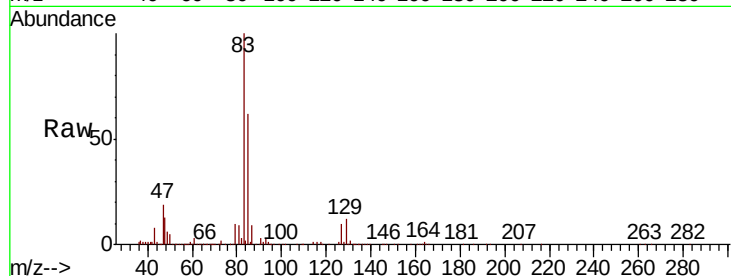
Tot Ion: 83 Resp: 133092

Ion Ratio Lower Upper

83 100

85 62.3 48.2 72.2

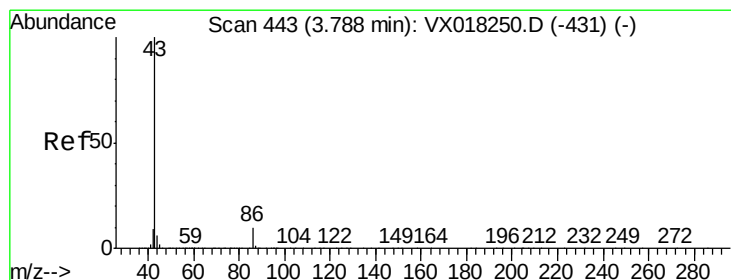
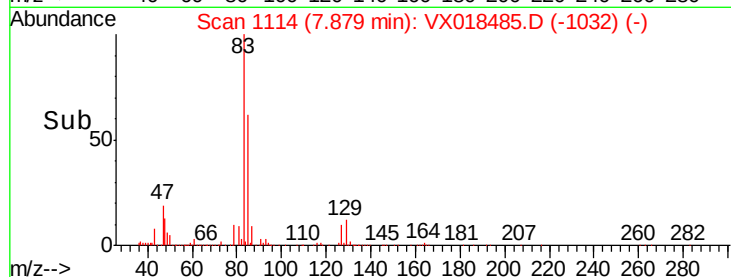
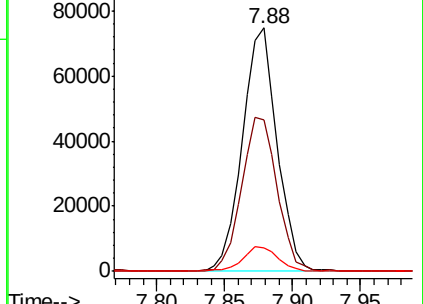
127 9.8 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.035 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018485.D

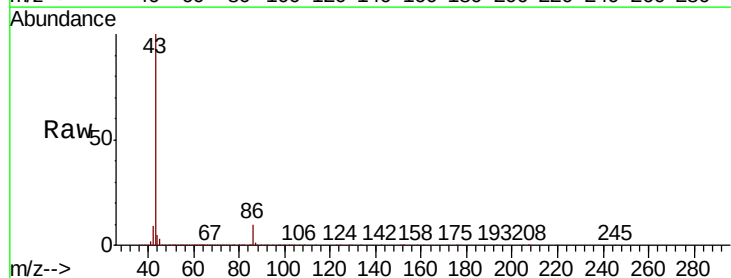
Acq: 18 Sep 2020 12:13

Tgt Ion: 43 Resp: 1217077

Ion Ratio Lower Upper

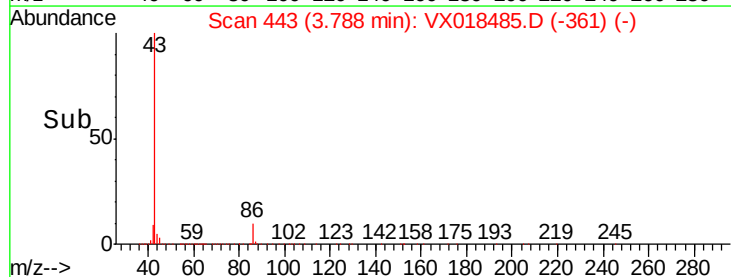
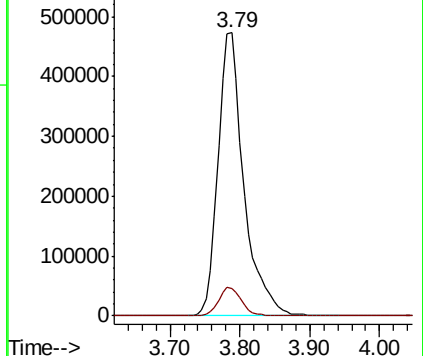
43 100

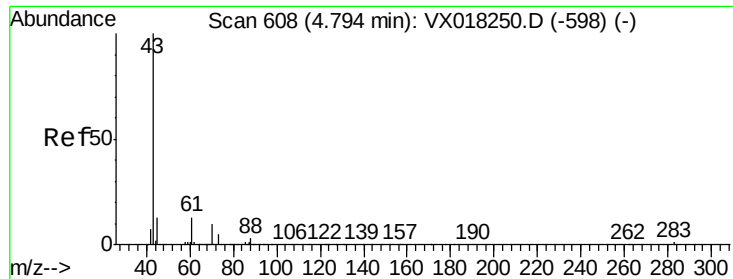
86 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.985 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

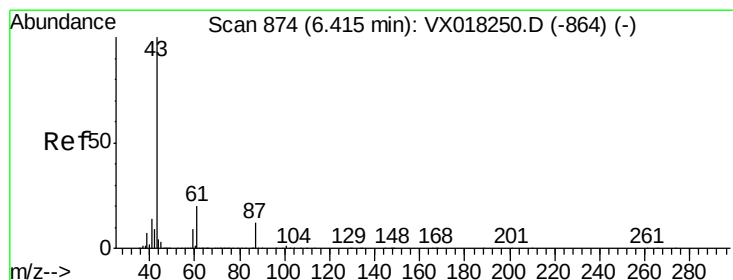
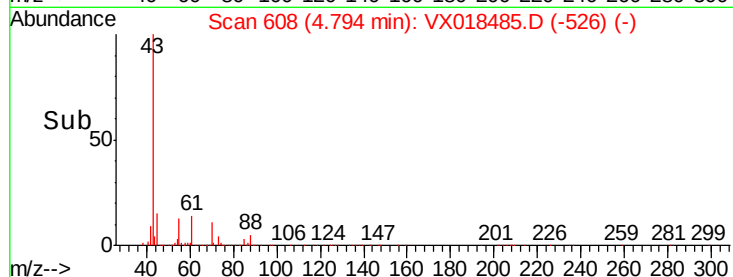
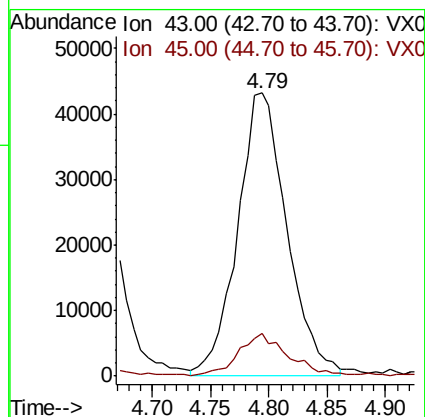
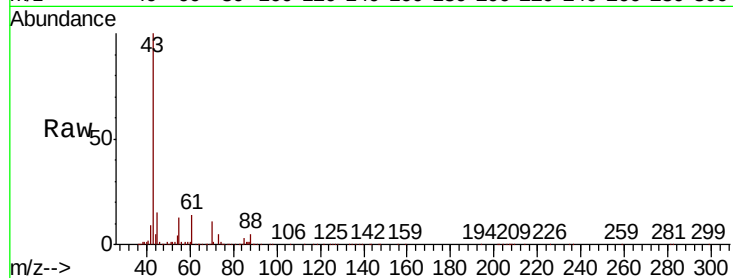
VX0918WBS01

Tot Ion: 43 Resp: 126912

Ion Ratio Lower Upper

43 100

45 14.5 11.2 16.8



#44

Isopropyl Acetate

Concen: 18.282 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018485.D

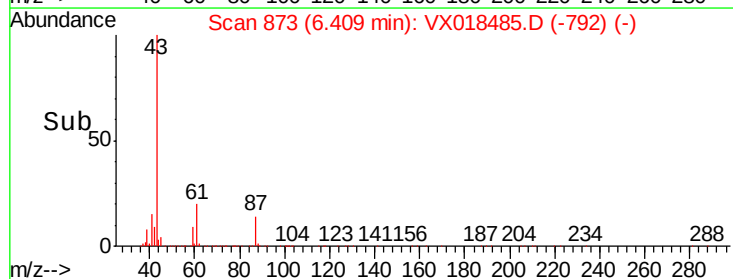
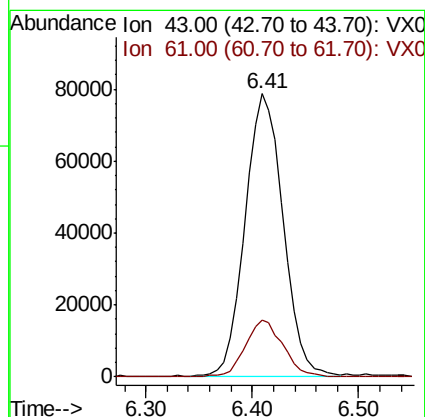
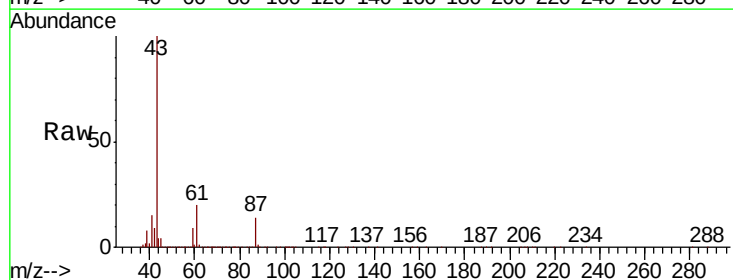
Acq: 18 Sep 2020 12:13

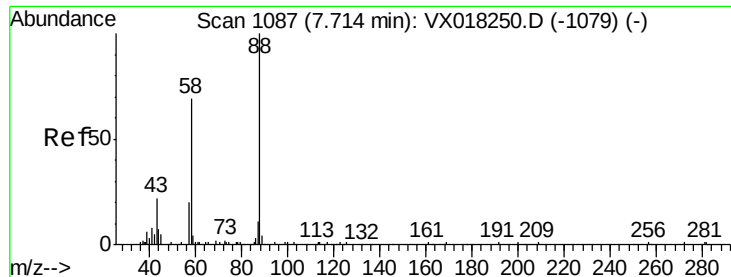
Tgt Ion: 43 Resp: 196957

Ion Ratio Lower Upper

43 100

61 19.4 14.6 22.0





#45

1,4-Dioxane

Concen: 373.658 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

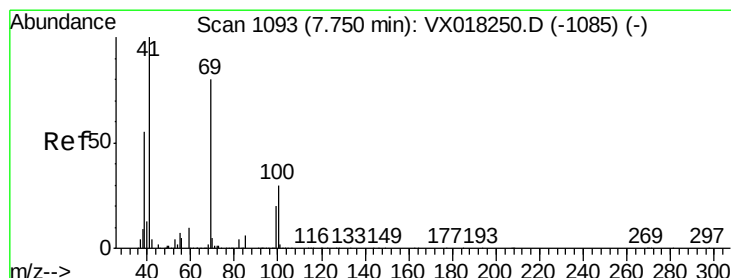
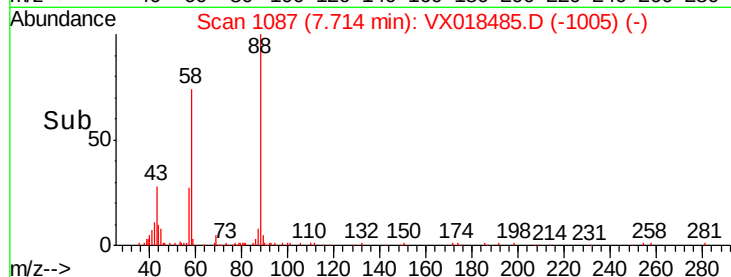
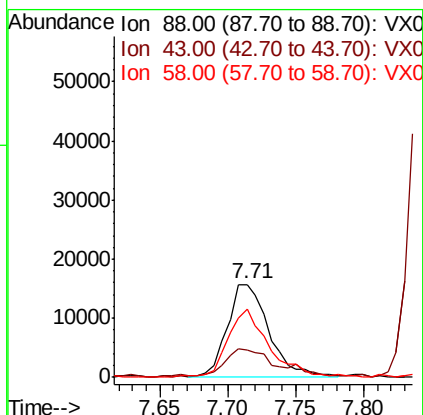
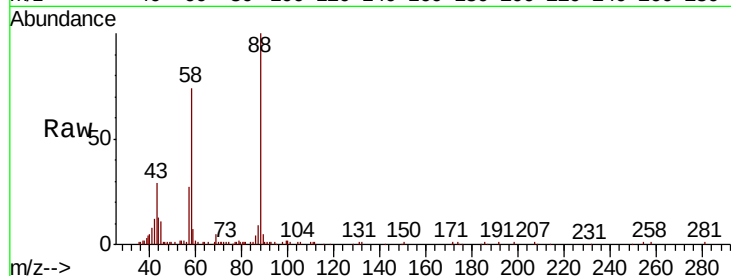
Tot Ion: 88 Resp: 33630

Ion Ratio Lower Upper

88 100

43 29.2 13.6 20.4#

58 69.1 58.2 87.4



#46

Methyl methacrylate

Concen: 18.654 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

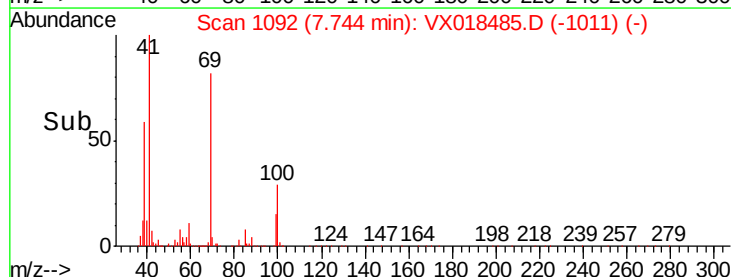
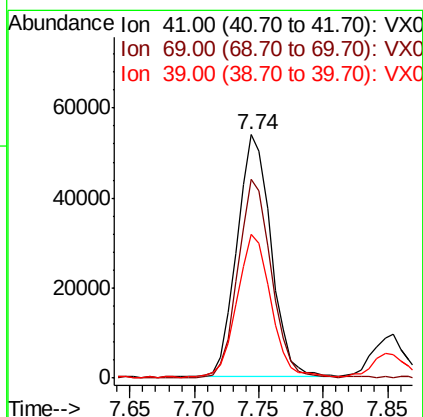
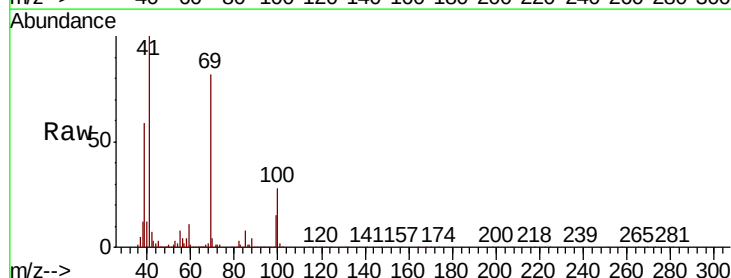
Tgt Ion: 41 Resp: 98905

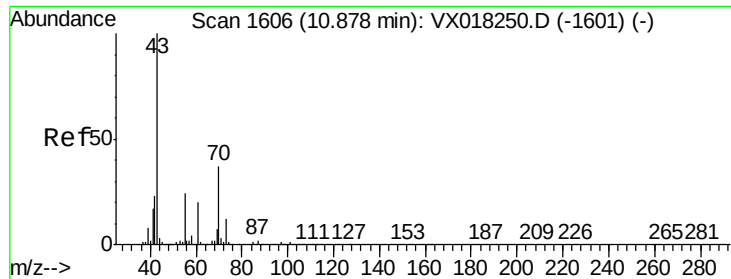
Ion Ratio Lower Upper

41 100

69 81.8 40.3 120.8

39 59.1 27.3 81.9

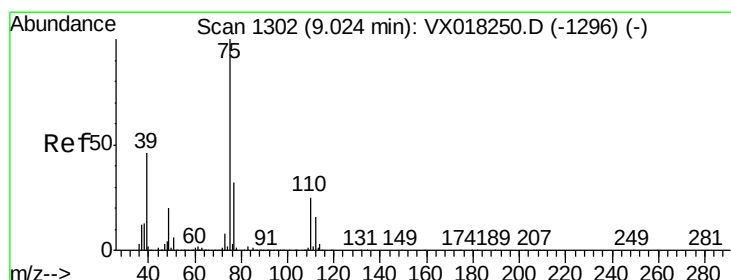
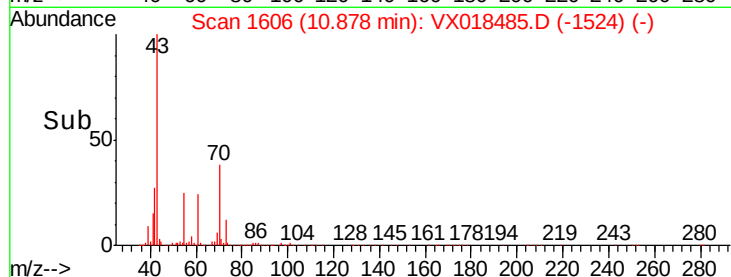
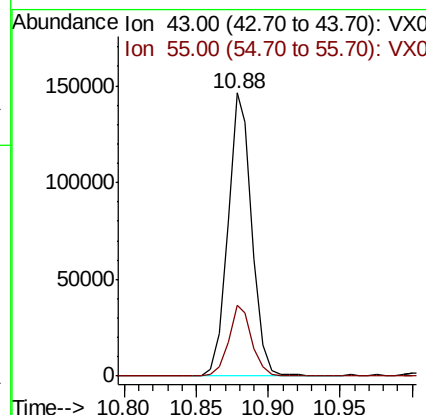
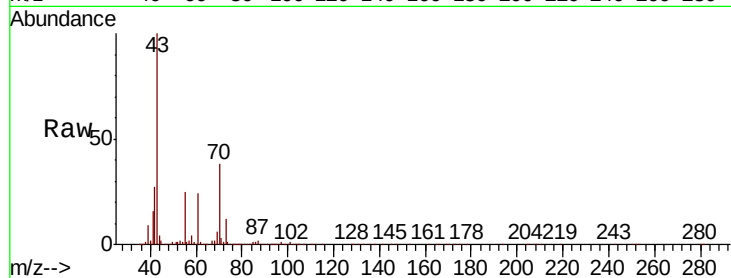




#47
n-amvl Acetate
Concen: 17.911 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

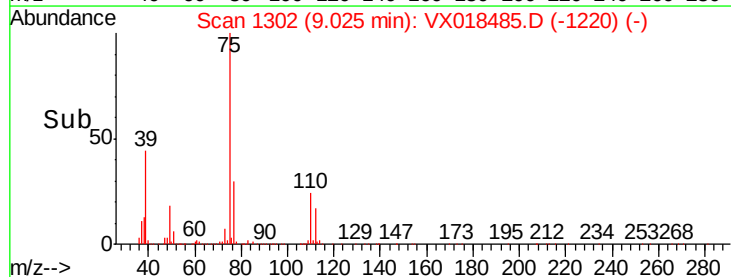
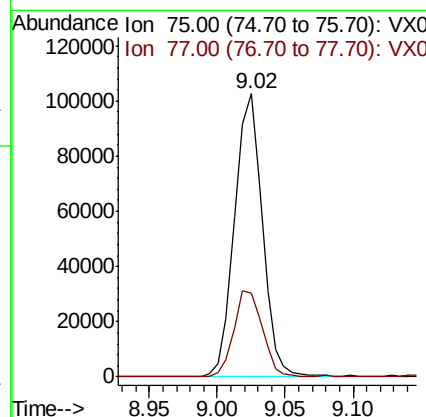
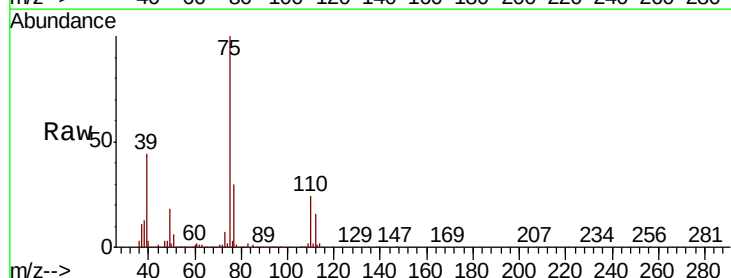
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

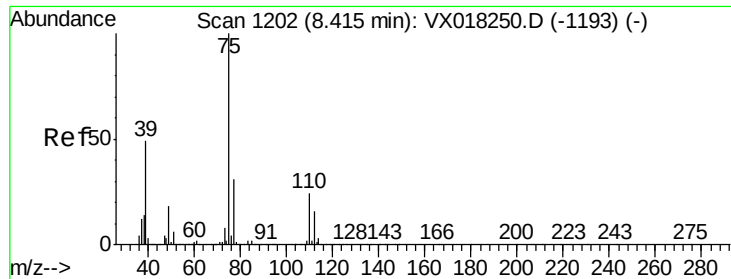
Tot Ion: 43 Resp: 169555
Ion Ratio Lower Upper
43 100
55 24.3 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 19.390 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion: 75 Resp: 146332
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2



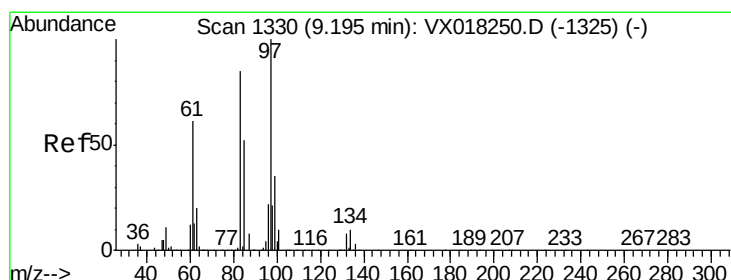
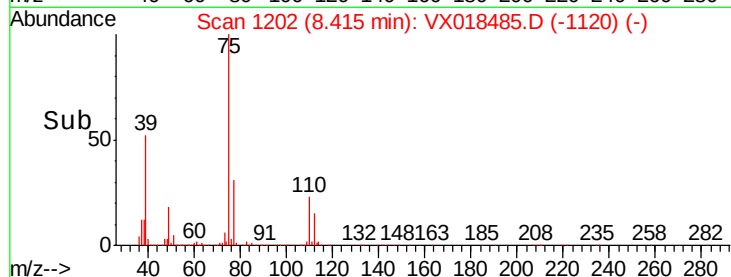
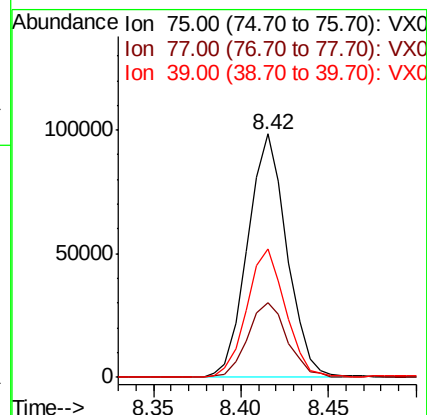
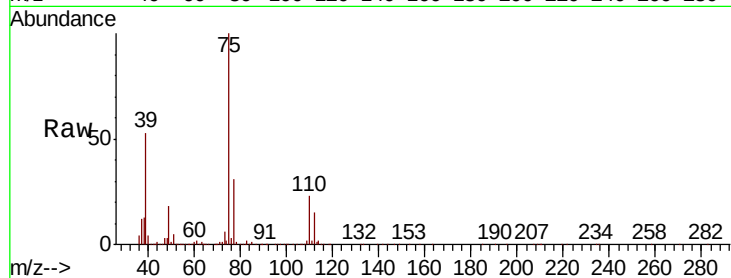


#49

cis-1,3-Dichloropropene
 Concen: 19.267 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

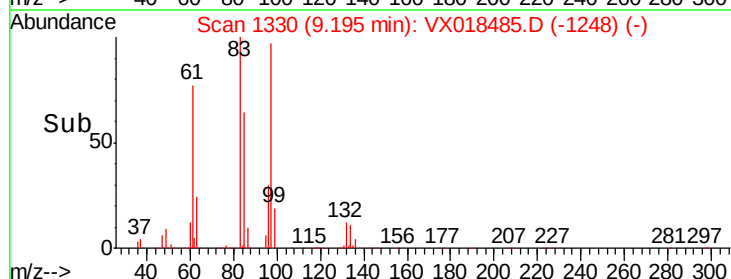
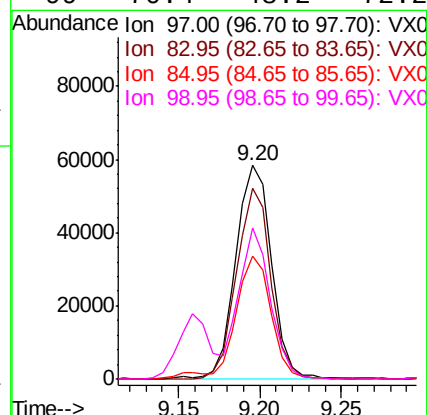
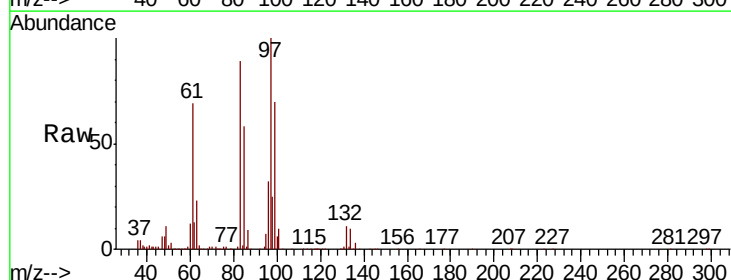
Tot Ion:	75	Resp:	152748
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	52.4	39.6	59.4

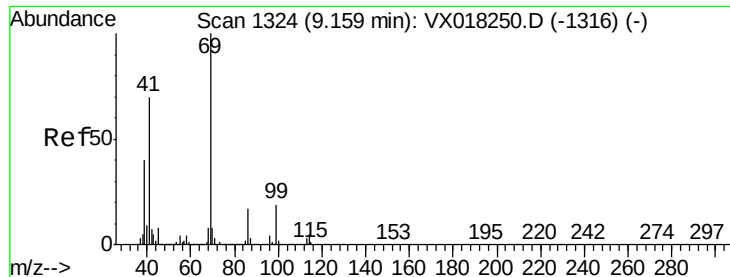


#50

1,1,2-Trichloroethane
 Concen: 18.911 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion:	97	Resp:	89325
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.1	102.1
85	57.1	42.6	64.0
99	70.4	48.2	72.2





#51

Ethyl methacrylate

Concen: 18.491 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

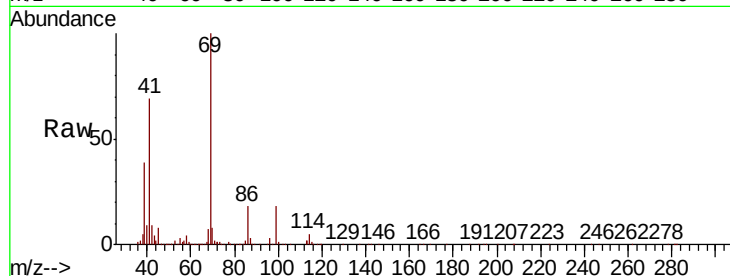
Tot Ion: 69 Resp: 126526

Ion Ratio Lower Upper

69 100

41 68.9 34.9 104.7

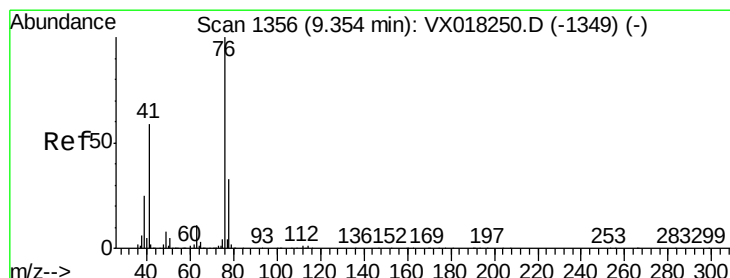
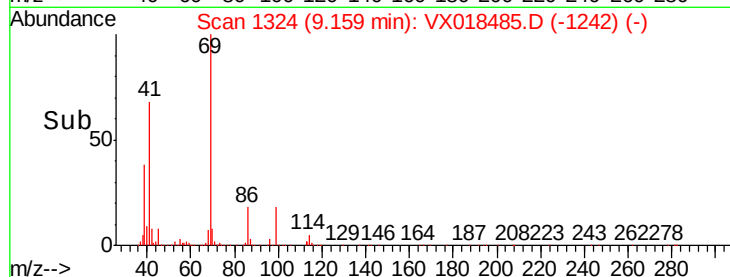
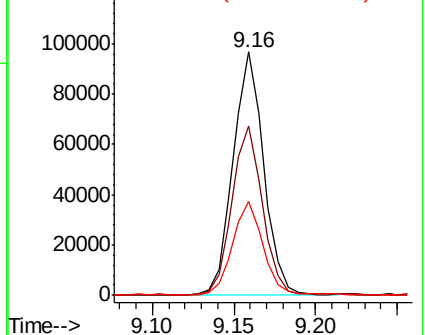
39 38.5 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.843 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018485.D

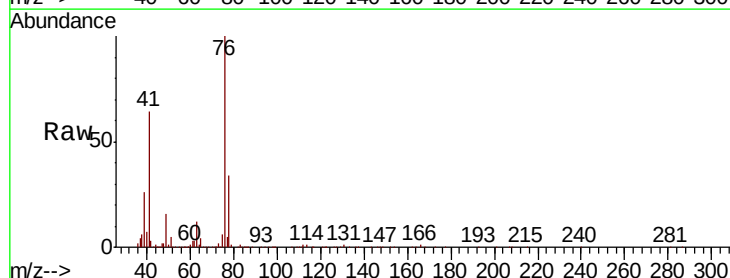
Acq: 18 Sep 2020 12:13

Tgt Ion: 76 Resp: 147736

Ion Ratio Lower Upper

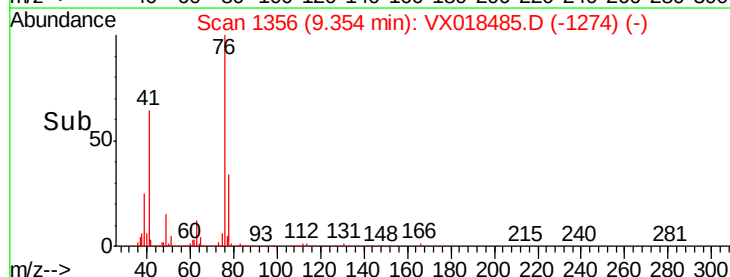
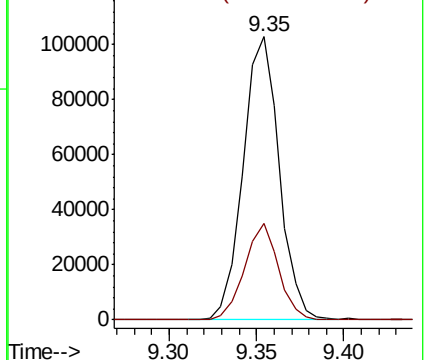
76 100

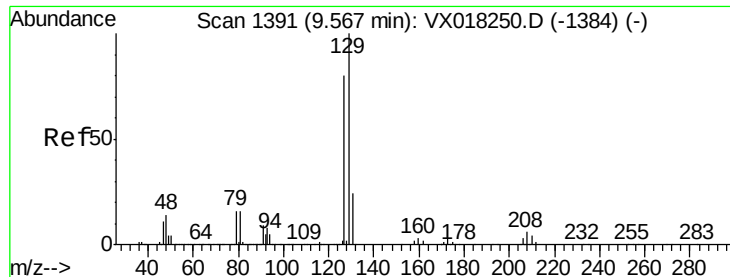
78 32.0 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.032 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

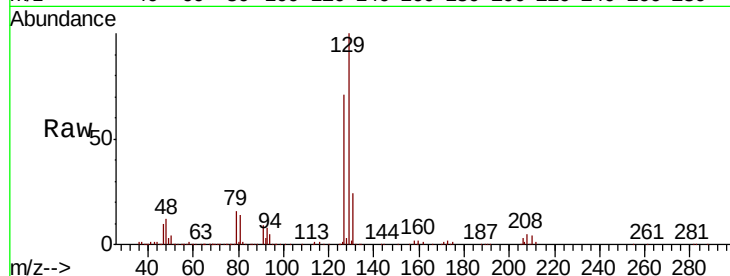
VX0918WBS01

Tot Ion:129 Resp: 111780

Ion Ratio Lower Upper

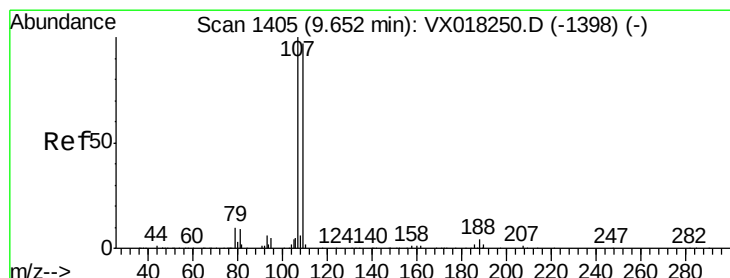
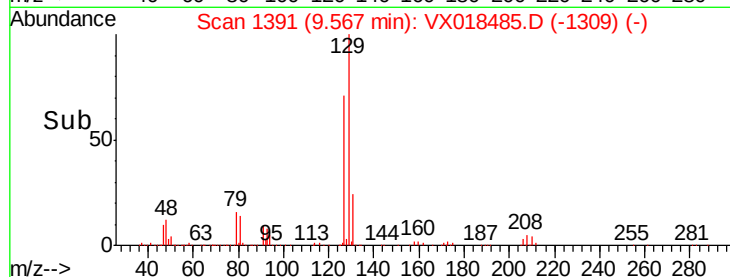
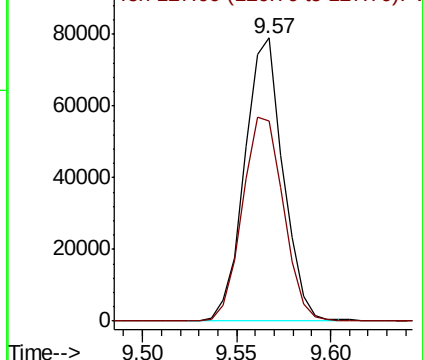
129 100

127 77.0 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: 18.917 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018485.D

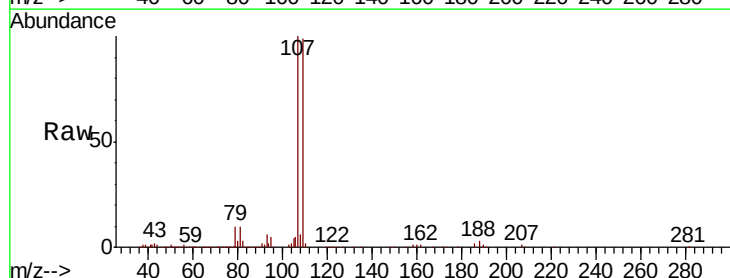
Acq: 18 Sep 2020 12:13

Tgt Ion:107 Resp: 98022

Ion Ratio Lower Upper

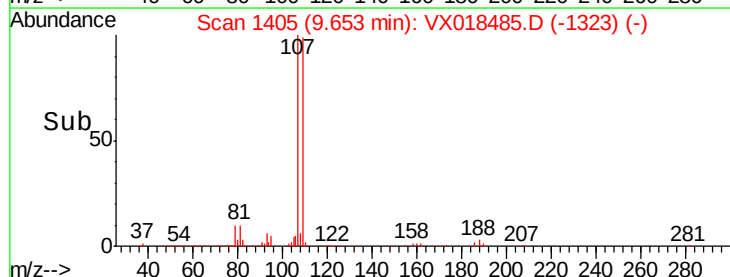
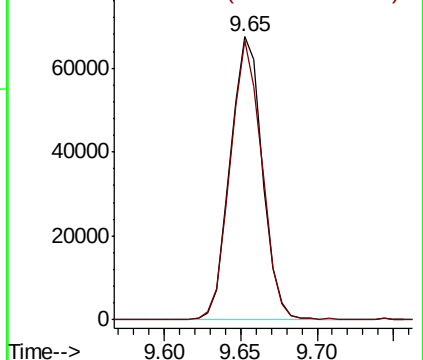
107 100

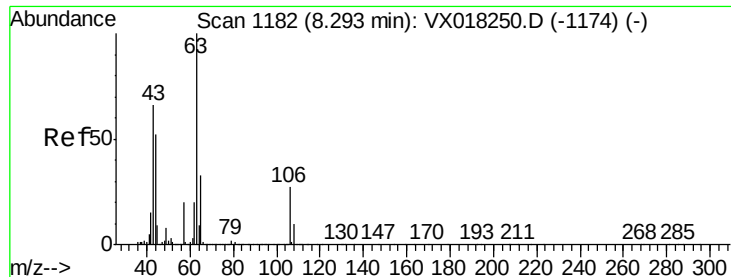
109 97.3 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

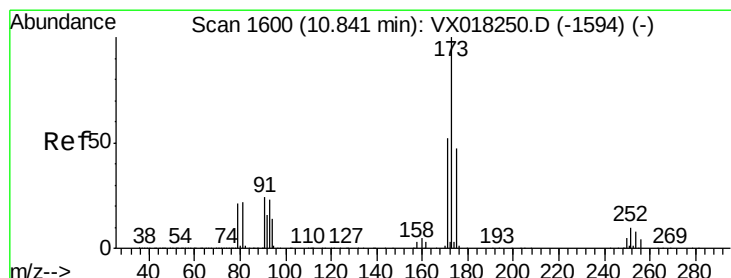
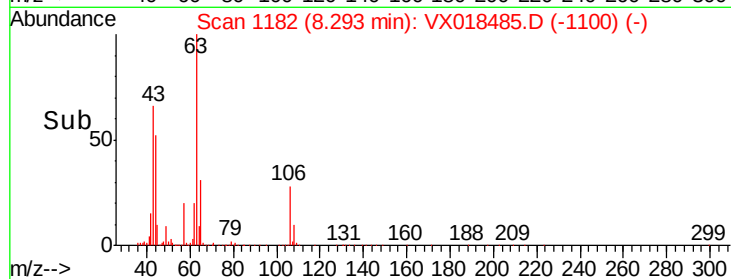
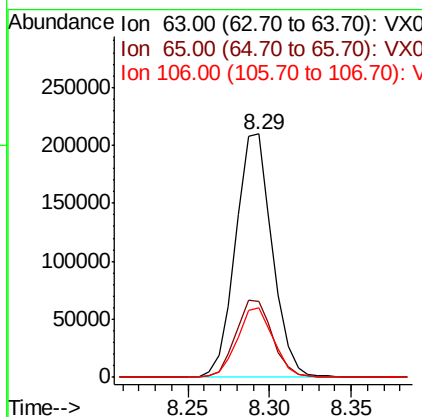
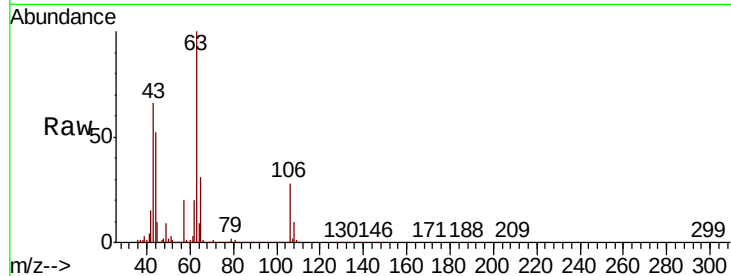




#55
 2-Chloroethyl vinyl ether
 Concen: 91.755 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

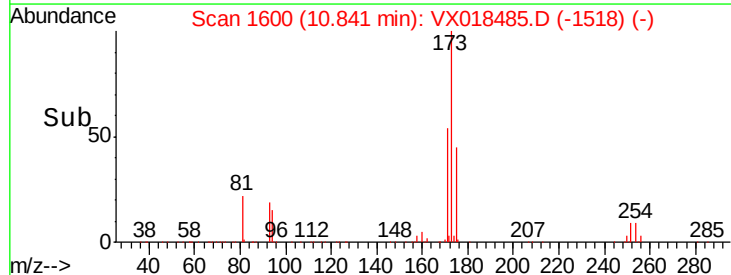
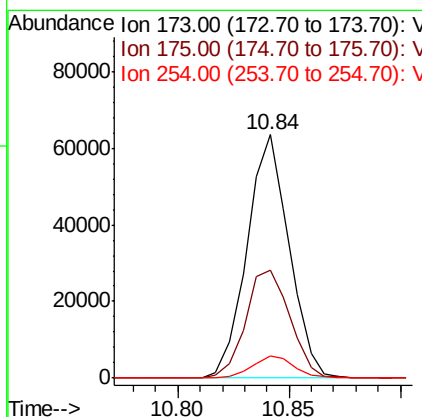
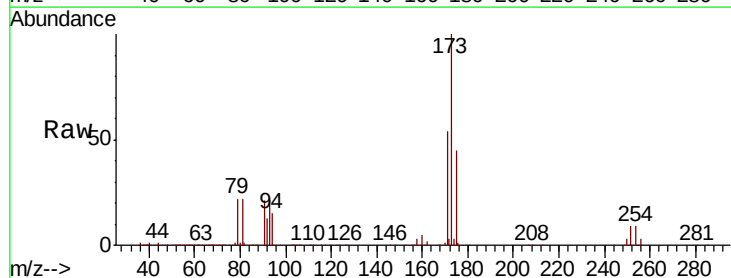
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

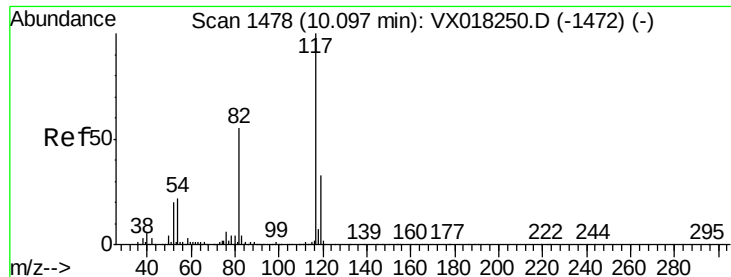
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.0	39.0
106	28.4	22.3	33.5



#56
 Bromoform
 Concen: 18.712 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.9	40.2	60.2
254	9.0	7.3	10.9

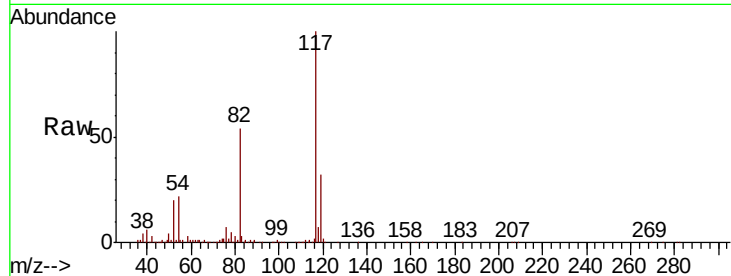




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.4
119	31.5	26.1	39.1

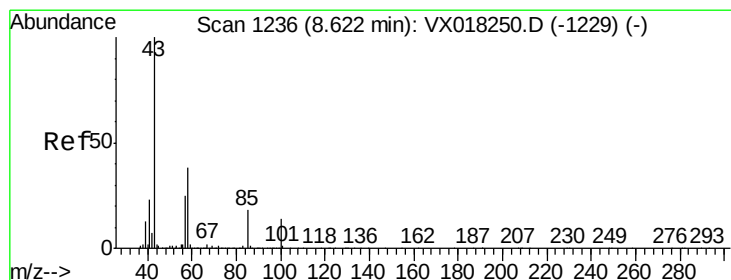
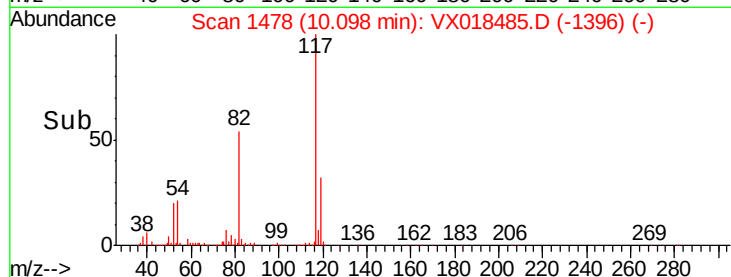
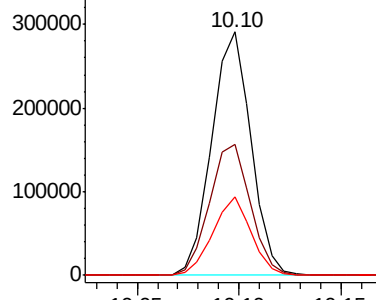


Abundance

Ion 117.00 (116.70 to 117.70): V

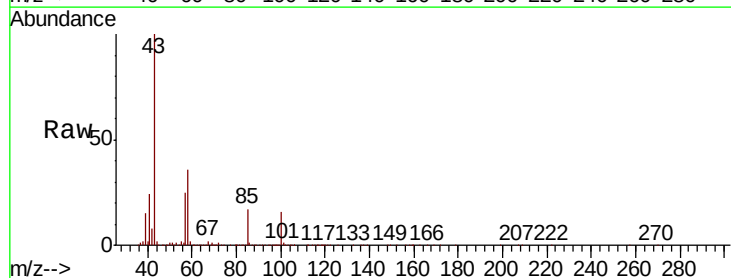
Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58
4-Methyl-2-Pentanone
Concen: 94.802 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.0	45.0
85	17.4	14.2	21.4

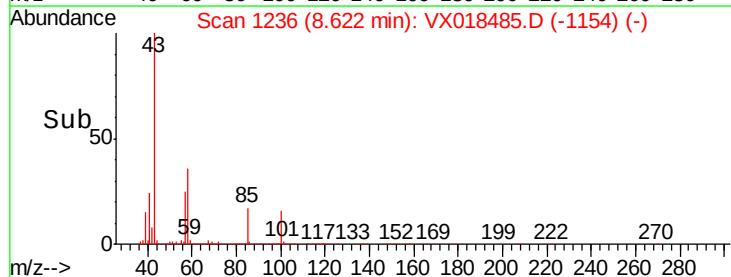
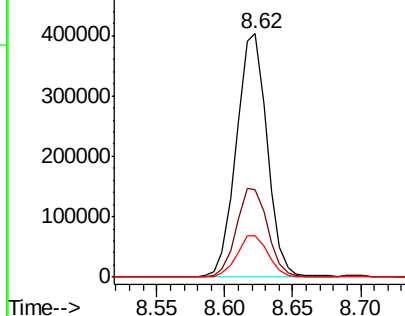


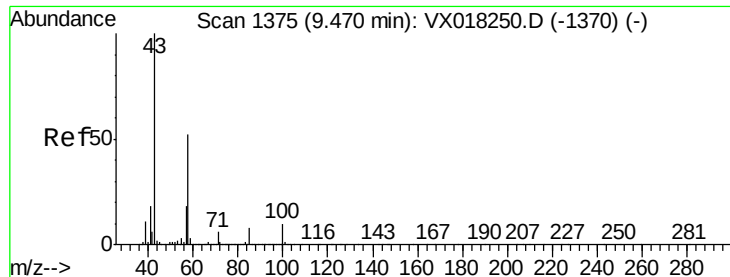
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

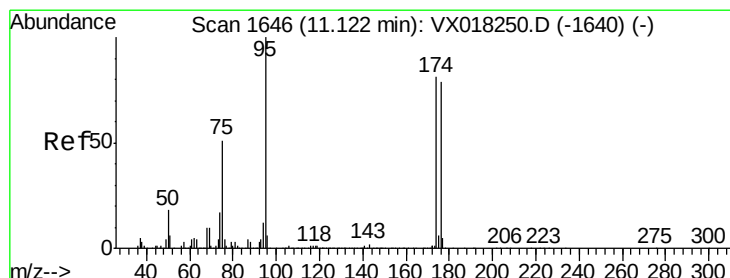
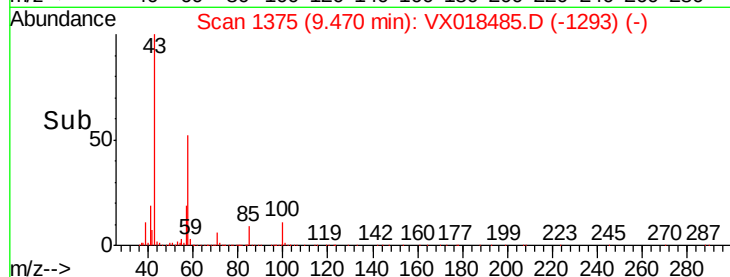
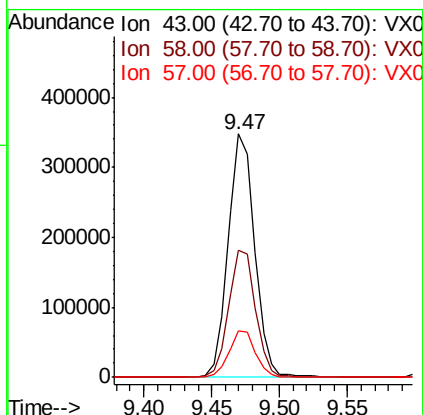
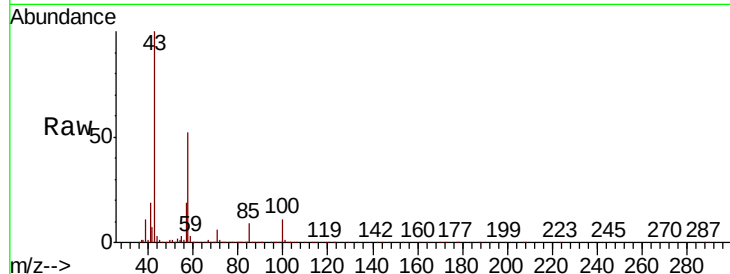




#59
2-Hexanone
Concen: 92.663 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

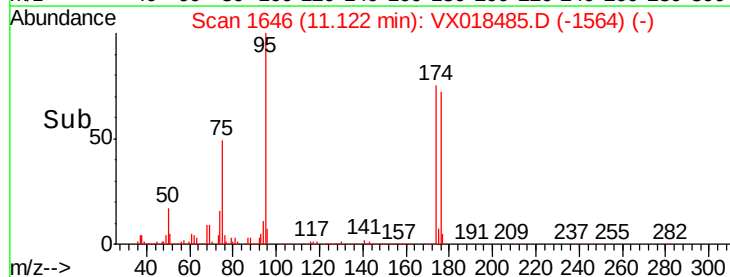
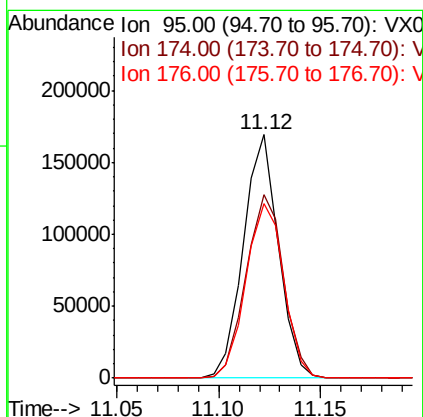
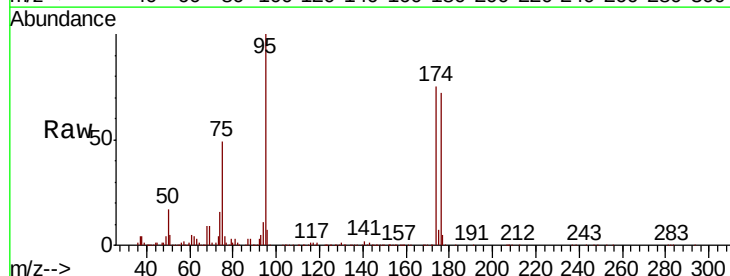
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

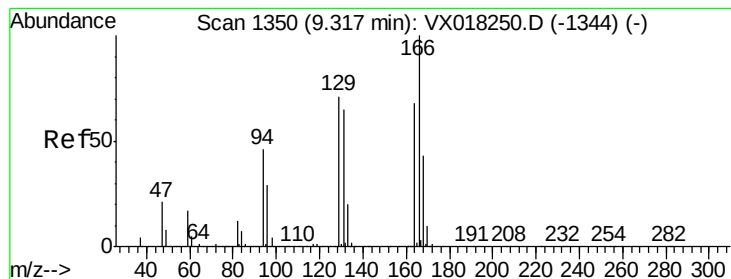
Tot Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.5	63.7
57	18.9	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 29.988 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	64.2	96.4
176	77.5	62.2	93.4





#61

Tetrachloroethene

Concen: 19.294 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion:164 Resp: 93825

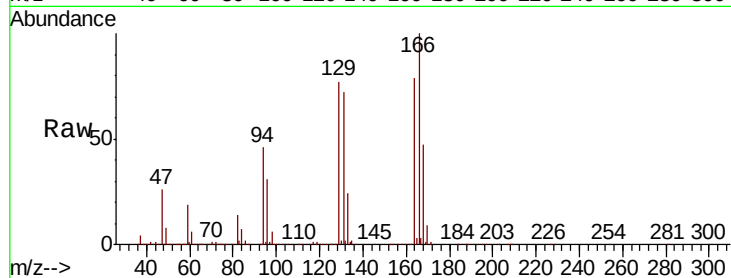
Ion Ratio Lower Upper

164 100

166 126.5 117.4 176.0

129 98.0 82.7 124.1

131 91.5 76.7 115.1

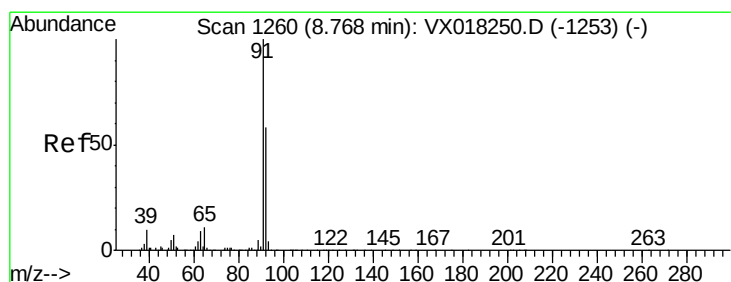
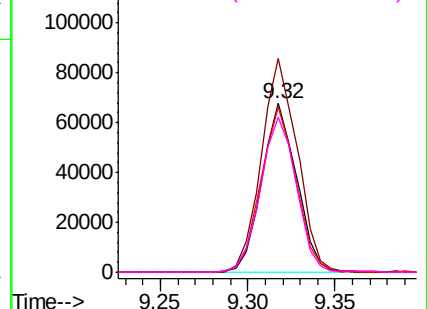
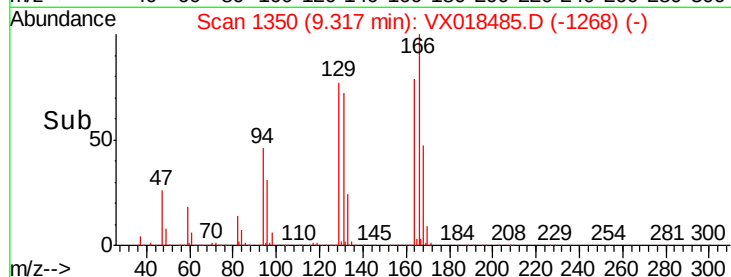


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.166 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018485.D

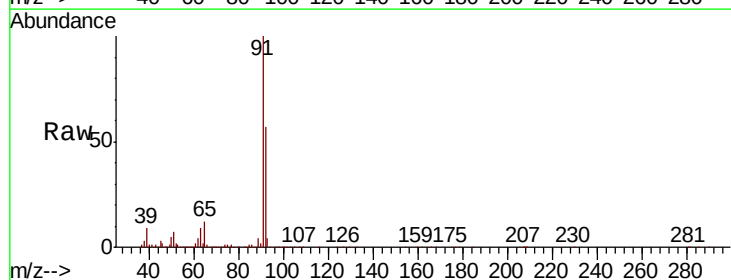
Acq: 18 Sep 2020 12:13

Tgt Ion: 91 Resp: 376091

Ion Ratio Lower Upper

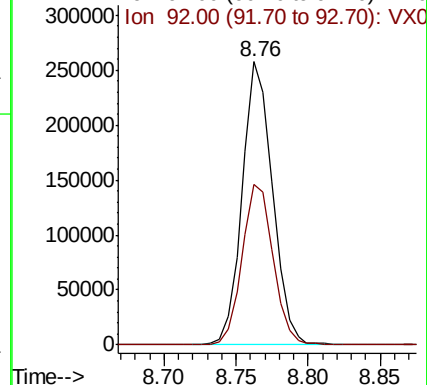
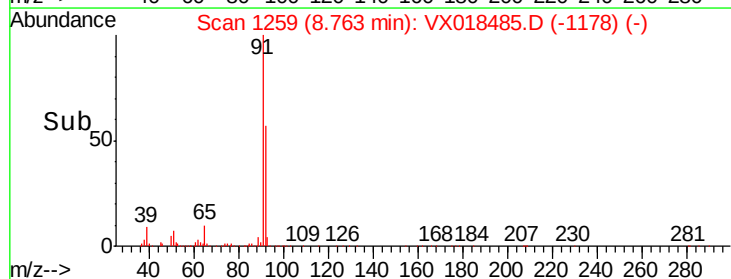
91 100

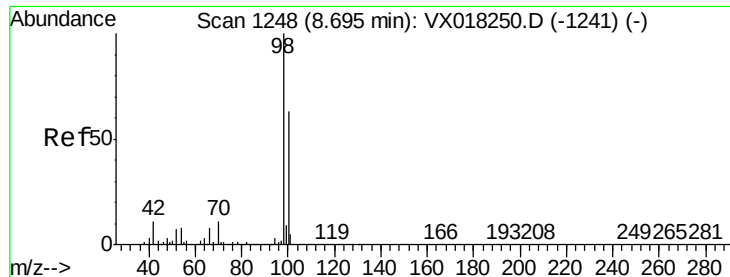
92 58.2 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.303 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

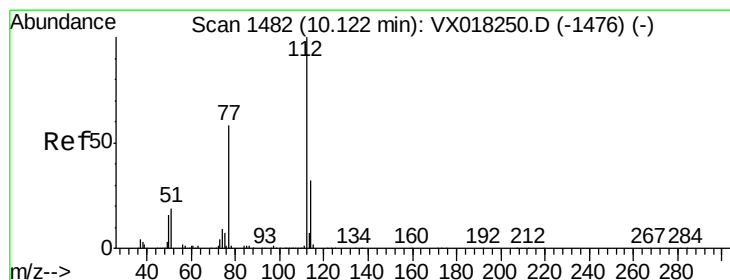
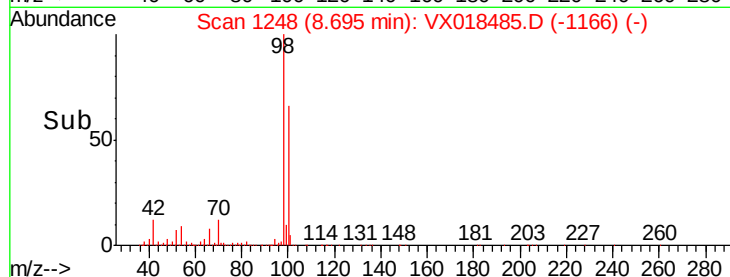
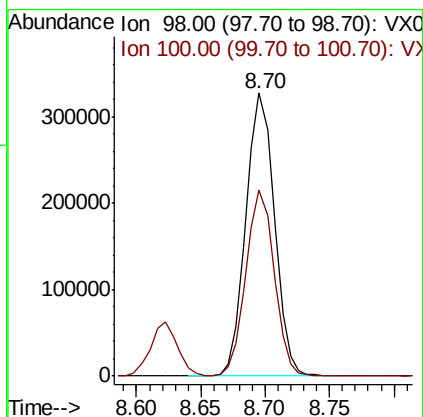
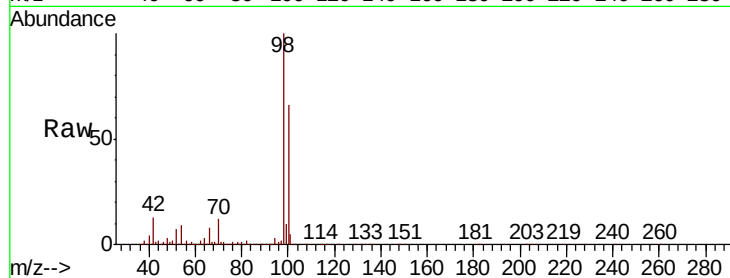
VX0918WBS01

Tot Ion: 98 Resp: 503602

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0



#64

Chlorobenzene

Concen: 18.887 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018485.D

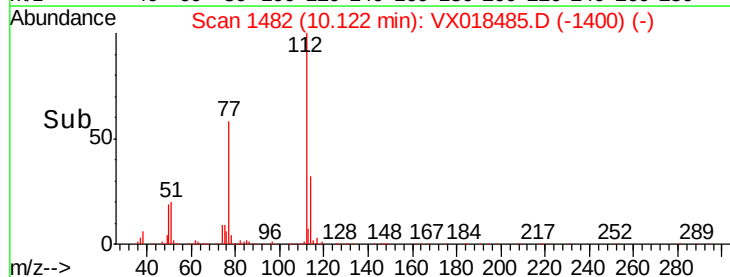
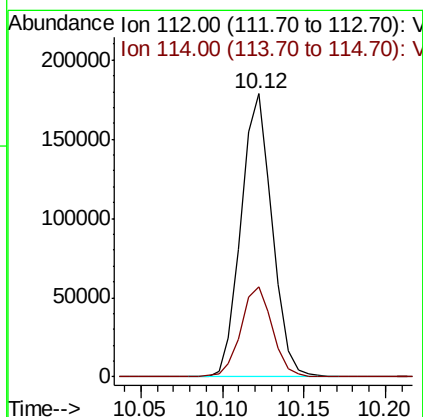
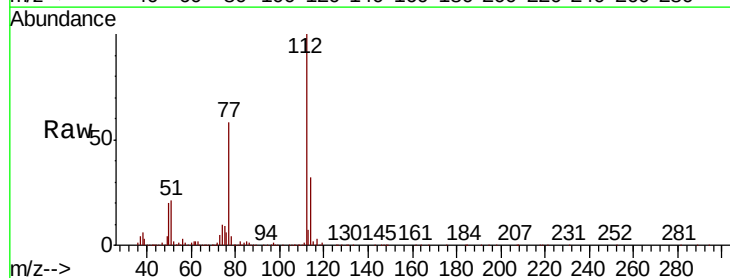
Acq: 18 Sep 2020 12:13

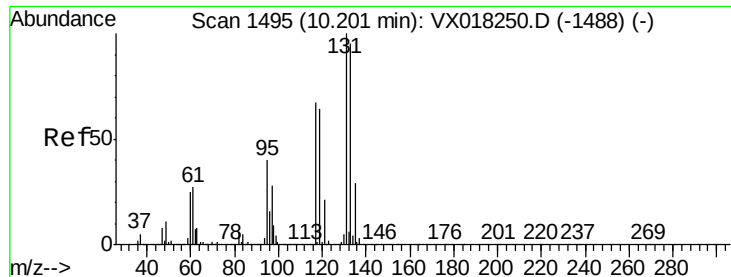
Tgt Ion: 112 Resp: 238165

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.922 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

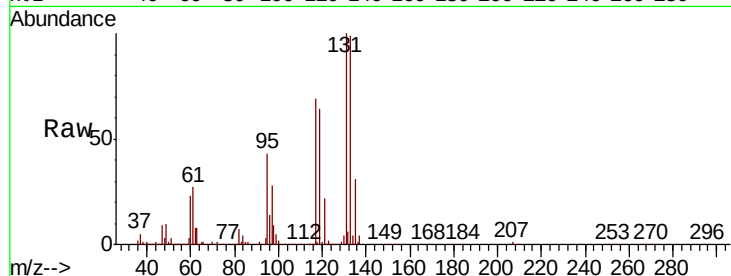
Tot Ion:131 Resp: 96634

Ion Ratio Lower Upper

131 100

133 97.4 0.0 197.2

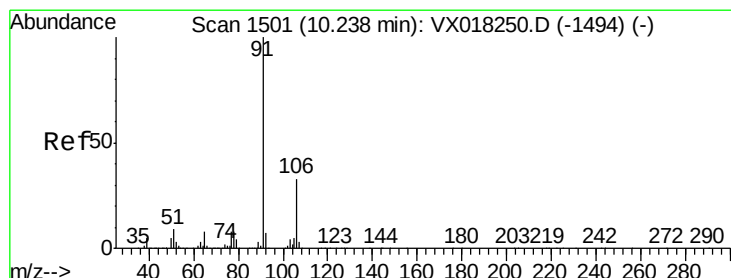
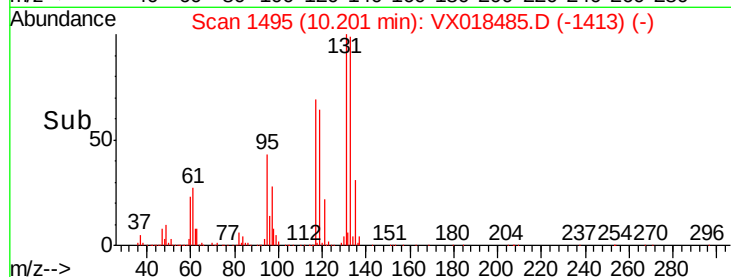
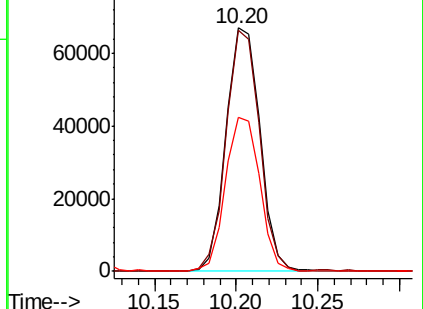
119 64.5 0.0 129.8



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: 18.883 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018485.D

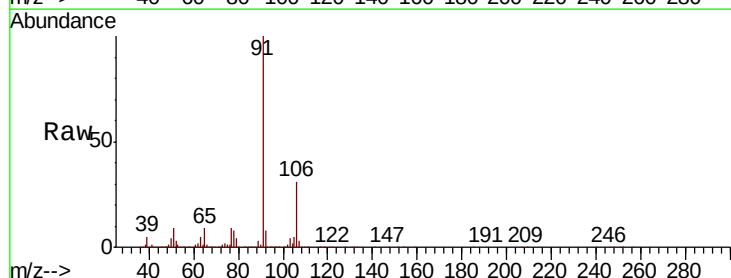
Acq: 18 Sep 2020 12:13

Tgt Ion: 91 Resp: 409422

Ion Ratio Lower Upper

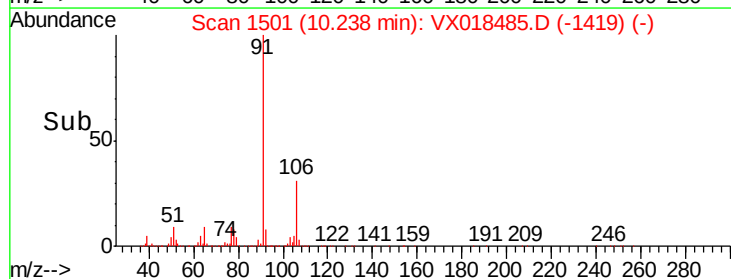
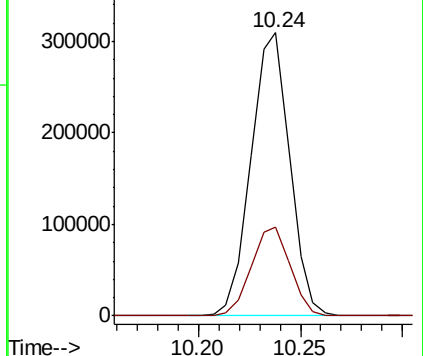
91 100

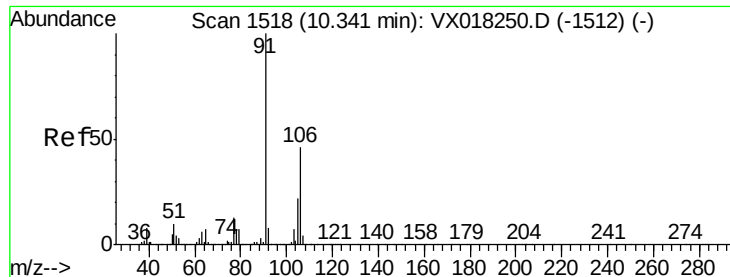
106 31.4 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

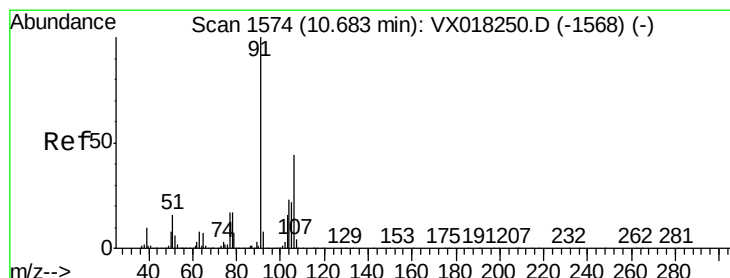
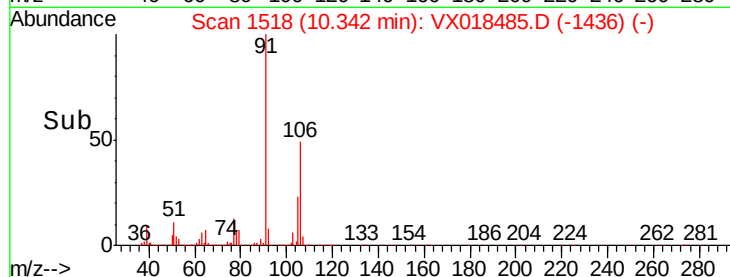
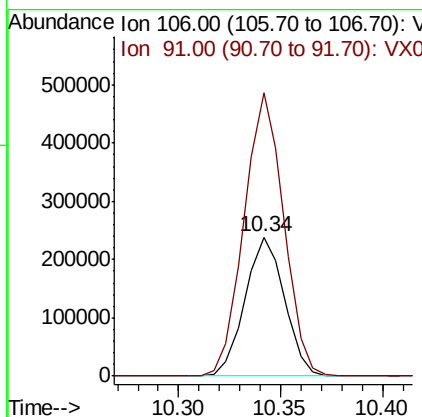
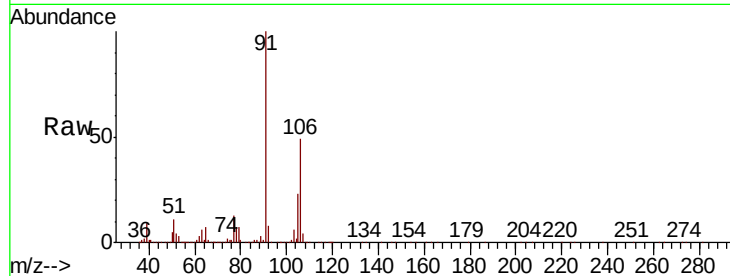




#67
m/p-Xylenes
Concen: 38.734 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

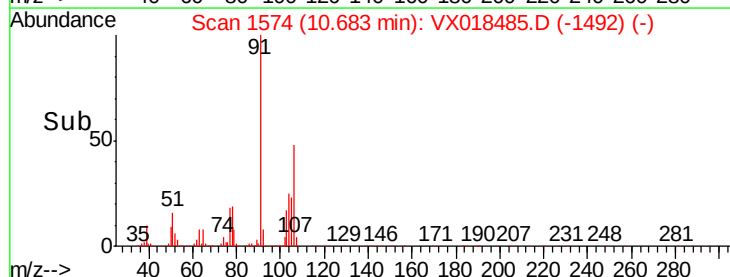
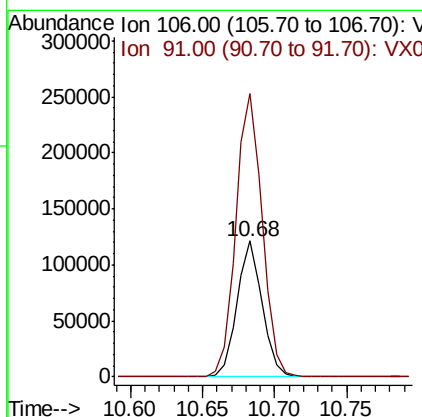
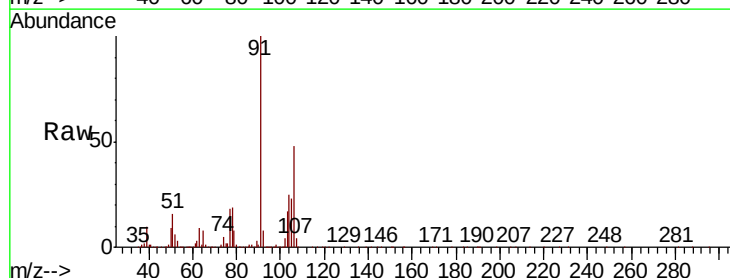
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

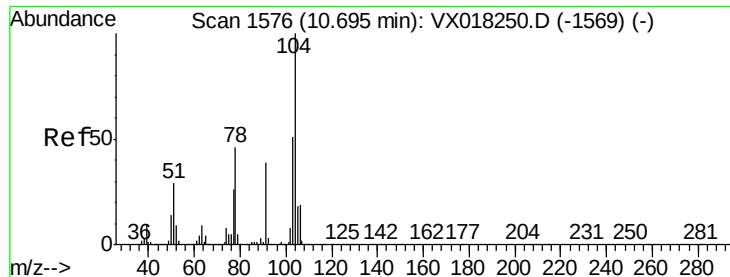
Tot Ion:106 Resp: 321178
Ion Ratio Lower Upper
106 100
91 204.9 166.2 249.2



#68
o-Xylene
Concen: 18.904 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion:106 Resp: 148111
Ion Ratio Lower Upper
106 100
91 216.5 109.2 327.6





#69

Stvrene

Concen: 19.010 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

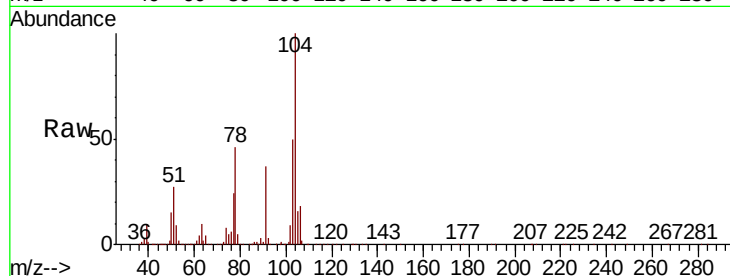
Tot Ion:104 Resp: 259856

Ion Ratio Lower Upper

104 100

78 53.4 41.7 62.5

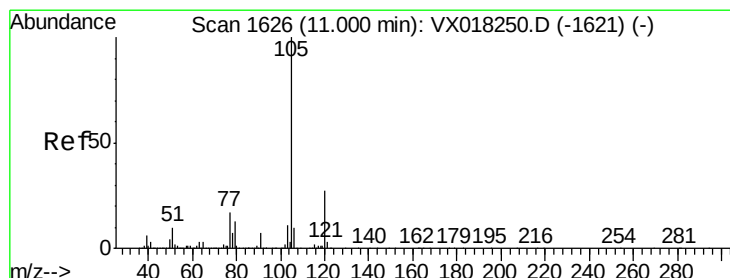
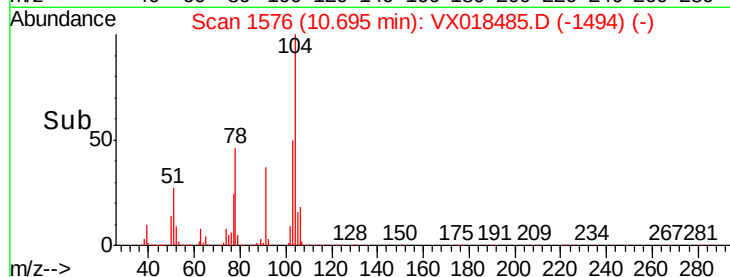
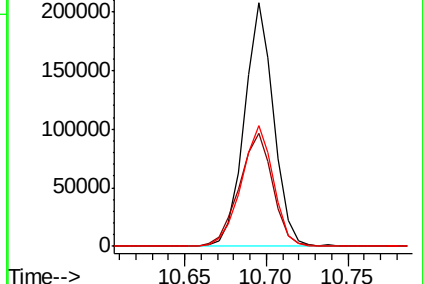
103 53.7 44.2 66.2



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: 18.855 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018485.D

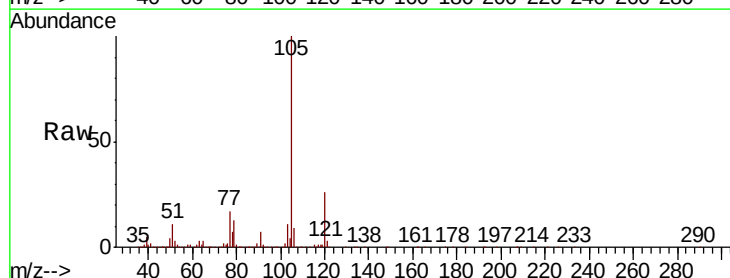
Acq: 18 Sep 2020 12:13

Tgt Ion:105 Resp: 410825

Ion Ratio Lower Upper

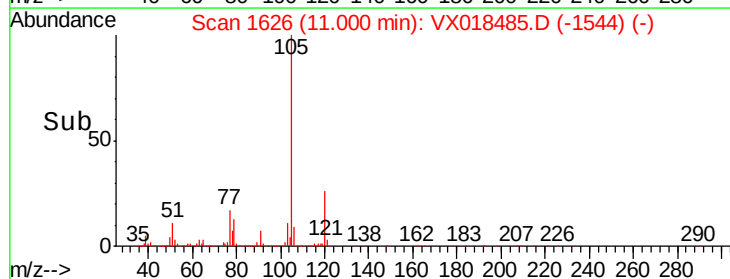
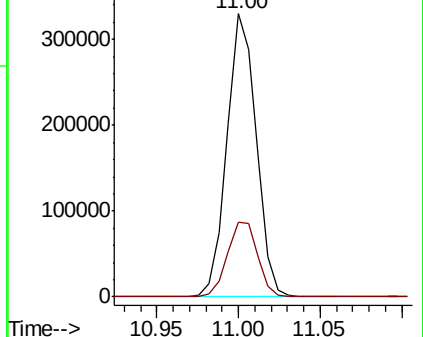
105 100

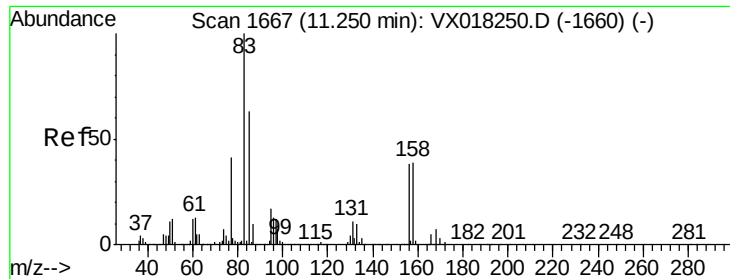
120 27.4 18.7 34.7



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: 18.719 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

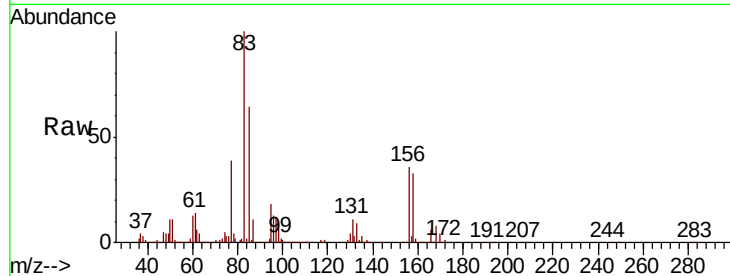
Tot Ion: 83 Resp: 133284

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

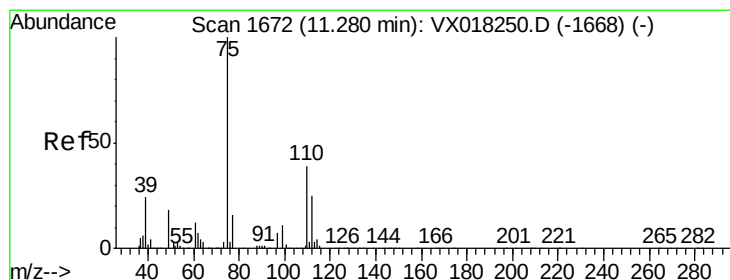
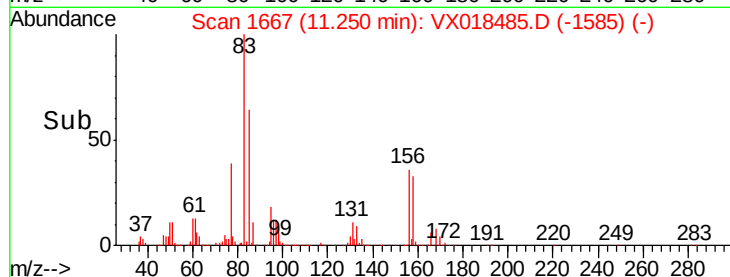
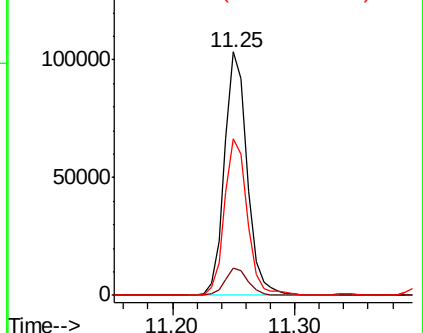
85 64.3 31.3 93.9



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: 24.042 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018485.D

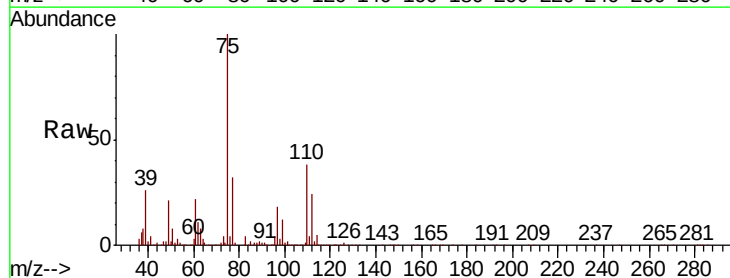
Acq: 18 Sep 2020 12:13

Tgt Ion: 75 Resp: 164470

Ion Ratio Lower Upper

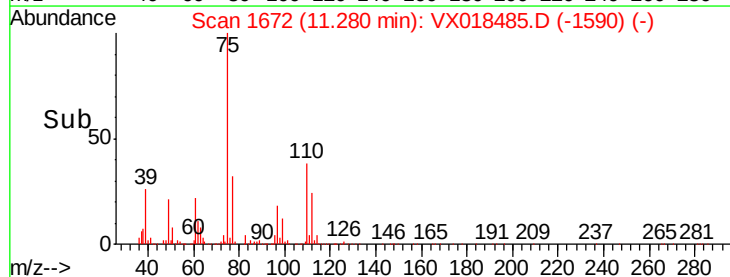
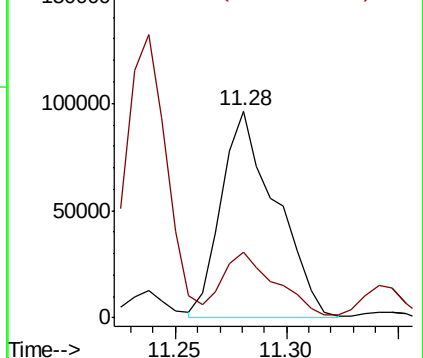
75 100

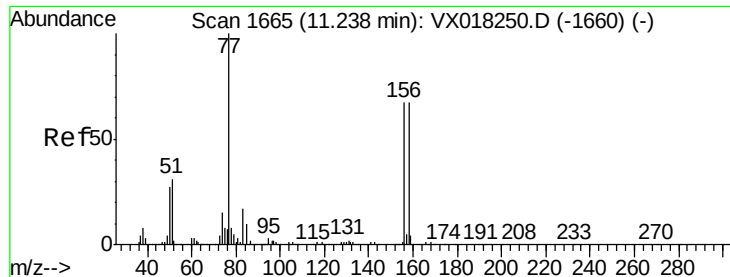
77 31.2 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.390 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

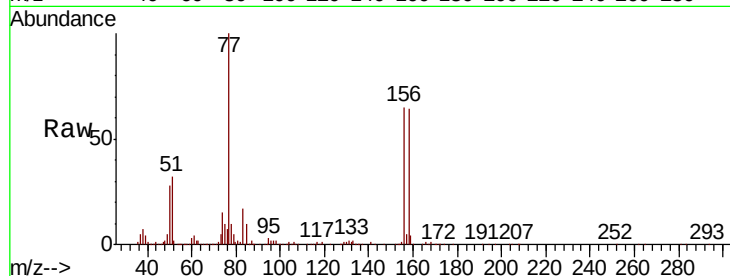
Tot Ion:156 Resp: 109772

Ion Ratio Lower Upper

156 100

77 154.7 0.0 311.0

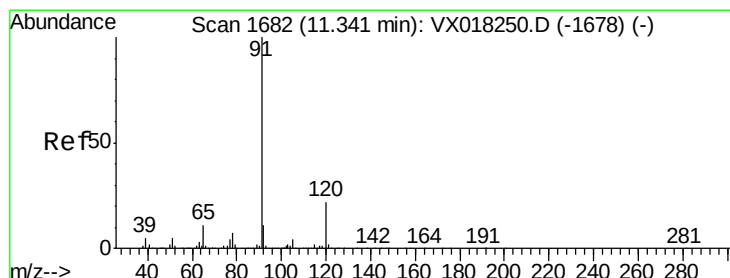
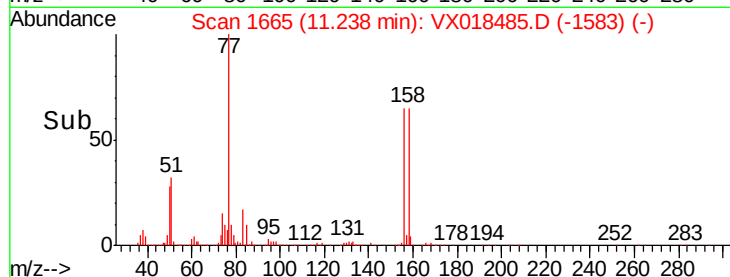
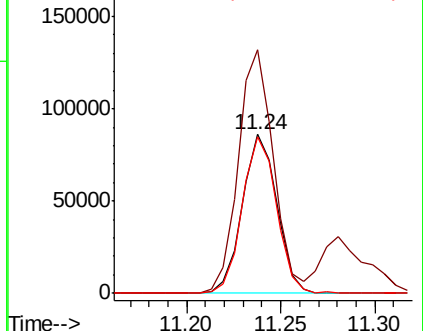
158 96.8 0.0 194.4



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: 18.803 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018485.D

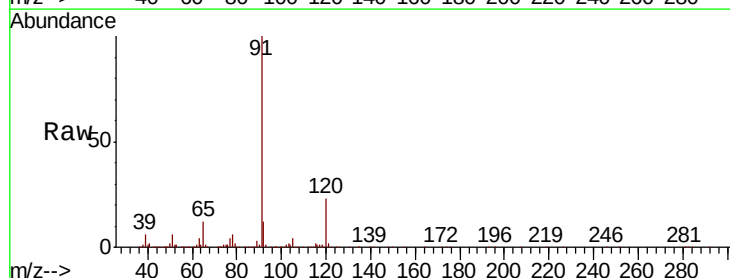
Acq: 18 Sep 2020 12:13

Tgt Ion: 91 Resp: 482407

Ion Ratio Lower Upper

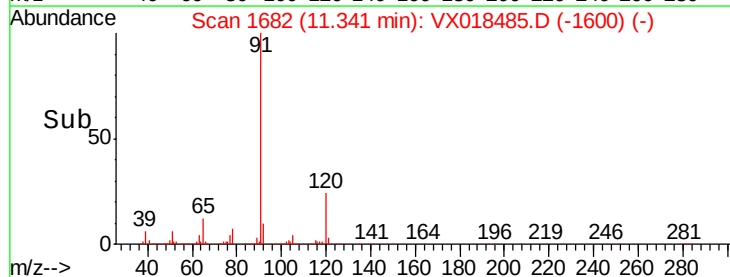
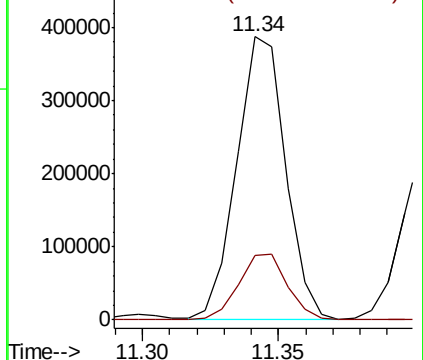
91 100

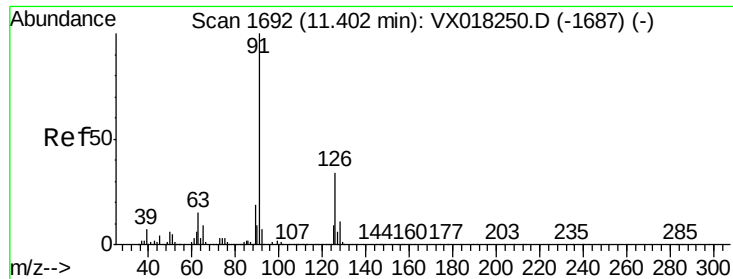
120 23.3 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

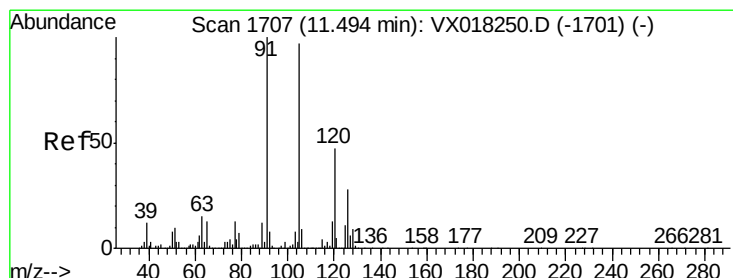
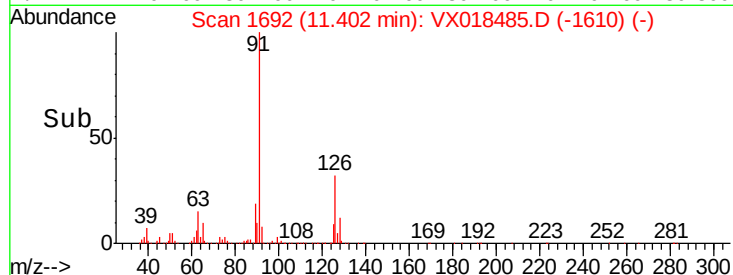
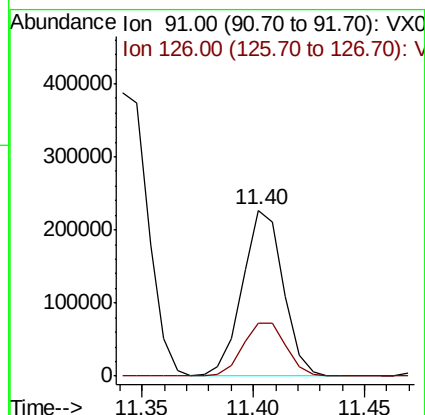
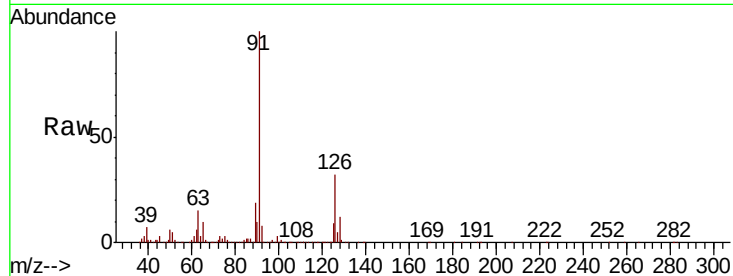




#75
 2-Chlorotoluene
 Concen: 18.739 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

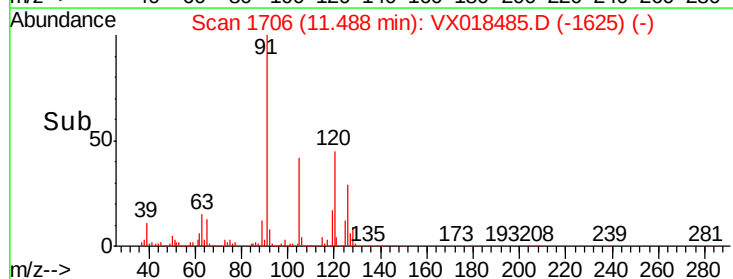
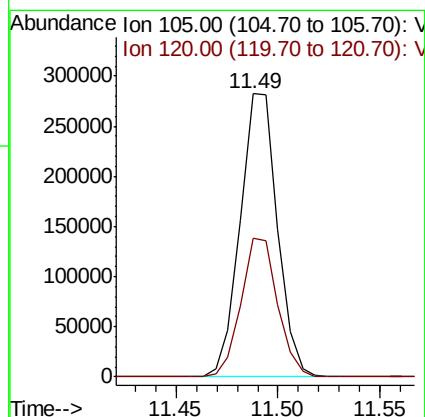
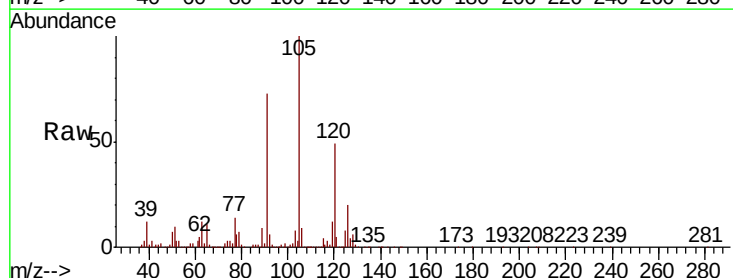
Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS01

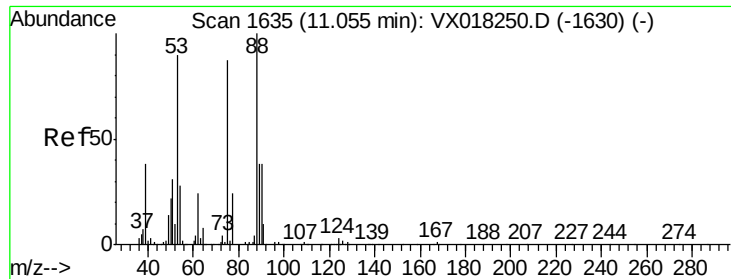
Tot Ion: 91 Resp: 291384
 Ion Ratio Lower Upper
 91 100
 126 33.8 0.0 68.4



#76
 1,3,5-Trimethylbenzene
 Concen: 18.812 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion: 105 Resp: 357091
 Ion Ratio Lower Upper
 105 100
 120 48.2 0.0 95.0

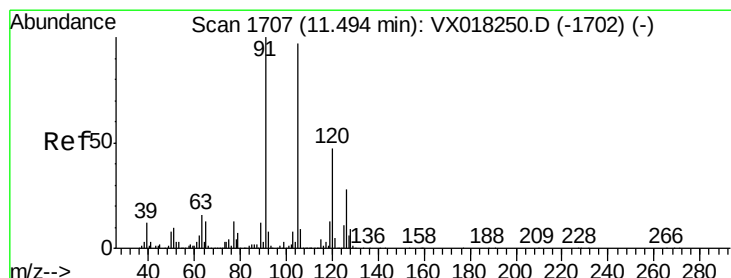
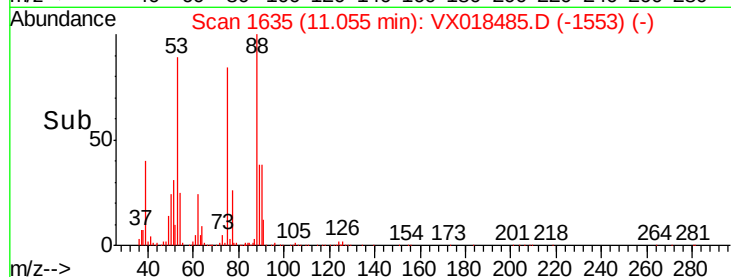
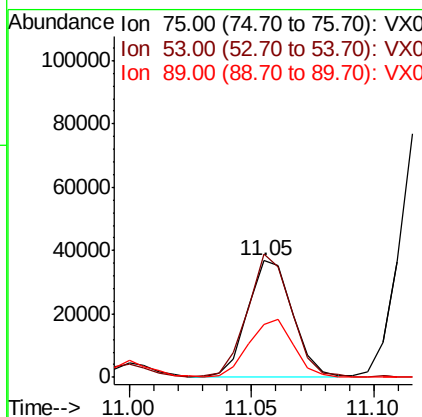
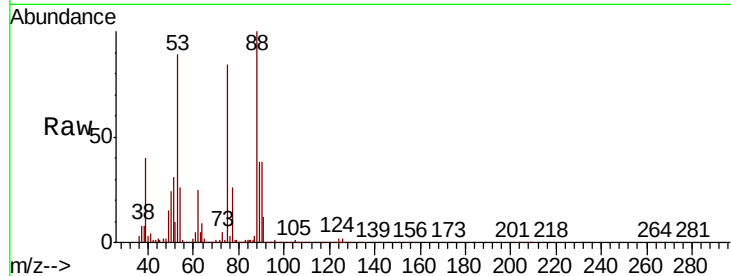




#77
t-1,4-Dichloro-2-butene
Concen: 17.611 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

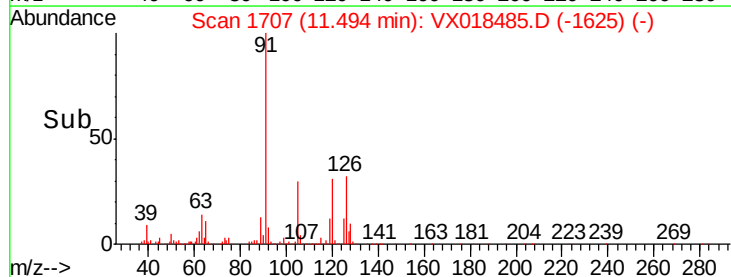
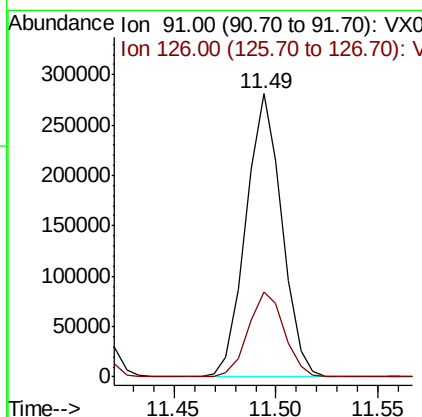
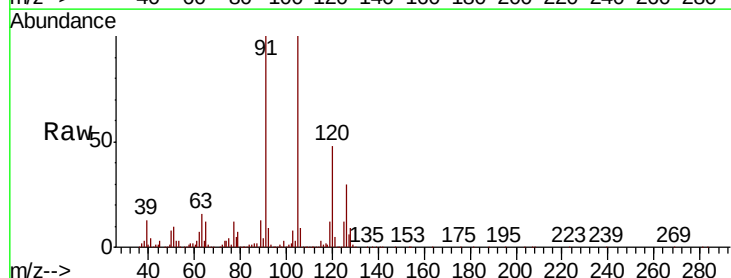
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

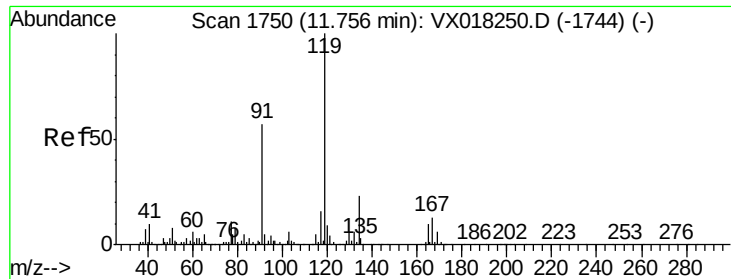
Tot Ion: 75 Resp: 46817
Ion Ratio Lower Upper
75 100
53 105.7 52.1 156.4
89 46.0 22.1 66.3



#78
4-Chlorotoluene
Concen: 18.586 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018485.D
Acq: 18 Sep 2020 12:13

Tgt Ion: 91 Resp: 344758
Ion Ratio Lower Upper
91 100
126 30.2 0.0 59.2





#79

tert-butylbenzene

Concen: 18.784 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

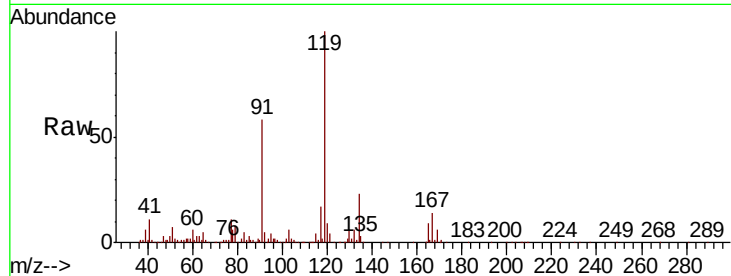
Tot Ion:119 Resp: 343471

Ion Ratio Lower Upper

119 100

91 58.4 0.0 111.8

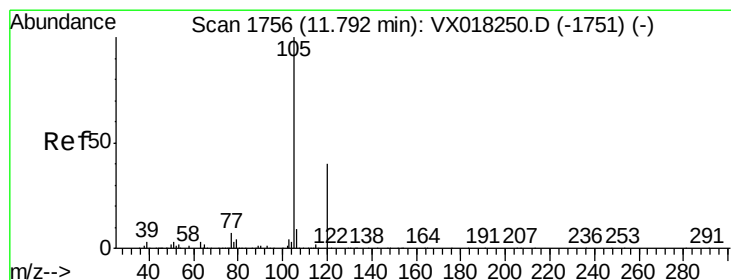
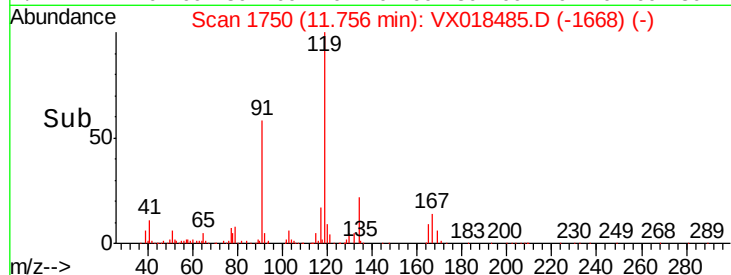
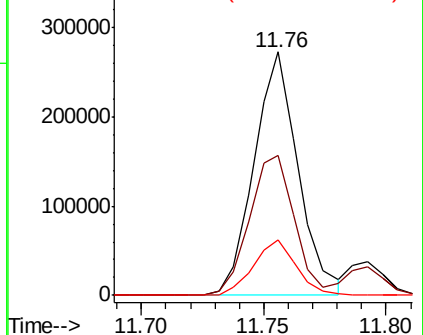
134 22.2 0.0 42.4



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: 19.107 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018485.D

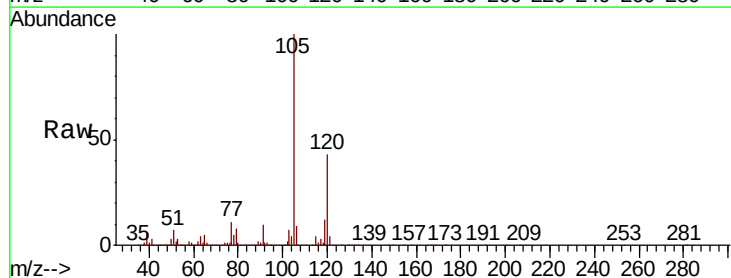
Acq: 18 Sep 2020 12:13

Tgt Ion:105 Resp: 358703

Ion Ratio Lower Upper

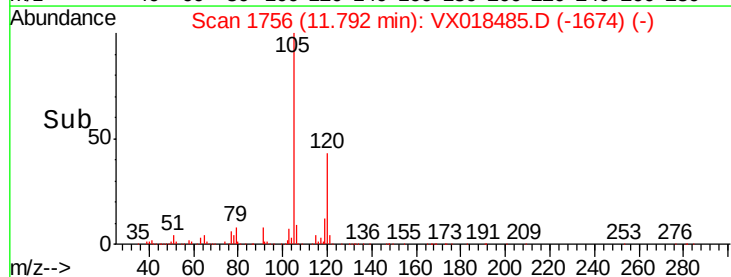
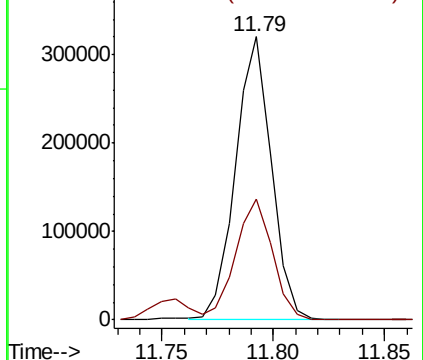
105 100

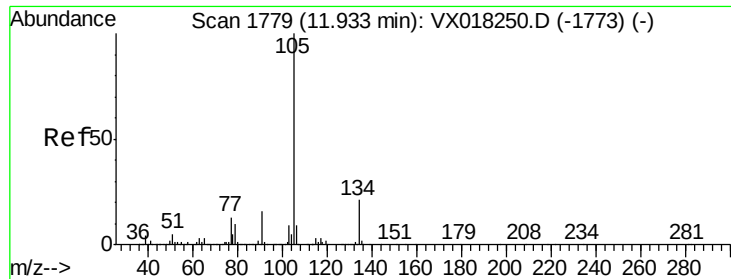
120 43.9 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

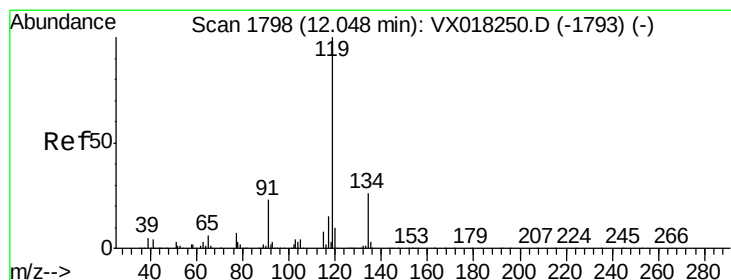
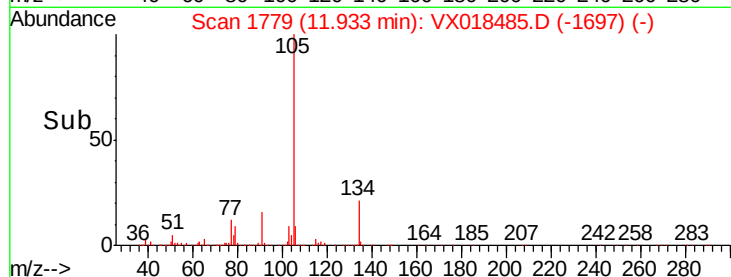
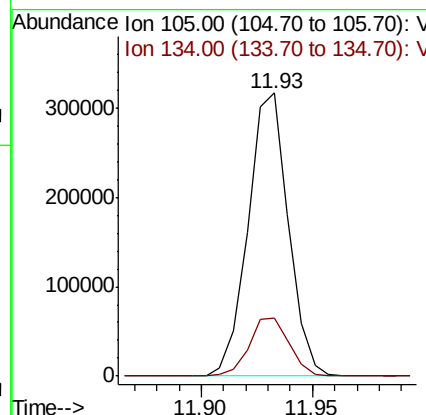
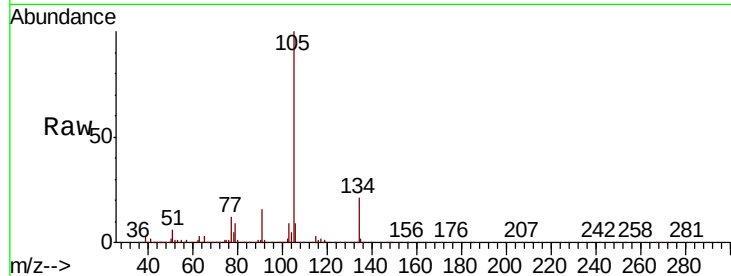




#81
 sec-Butylbenzene
 Concen: 18.682 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

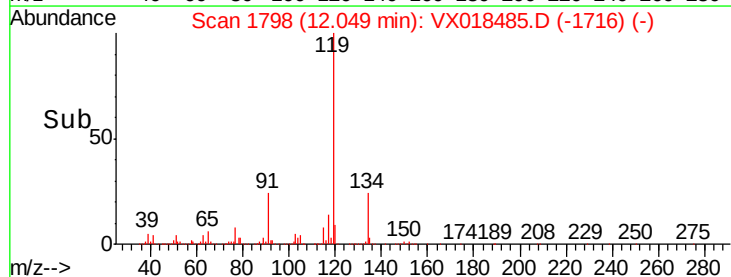
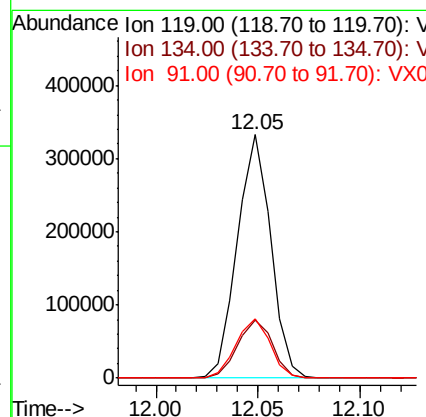
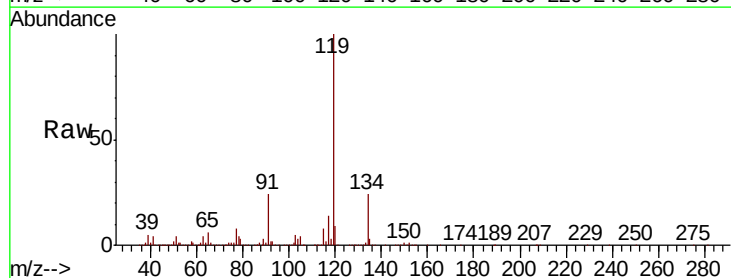
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

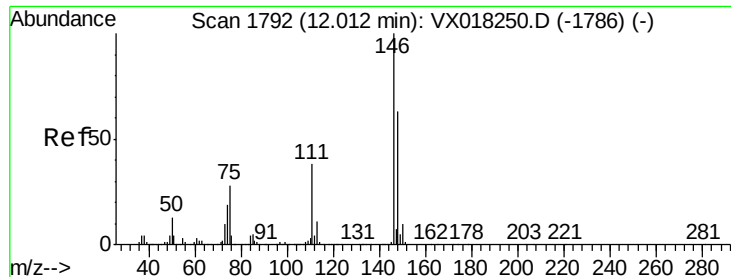
Tot Ion:105 Resp: 399004
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 19.015 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion:119 Resp: 378661
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 53.0
 91 24.7 0.0 49.8





#83

1,3-Dichlorobenzene

Concen: 18.623 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

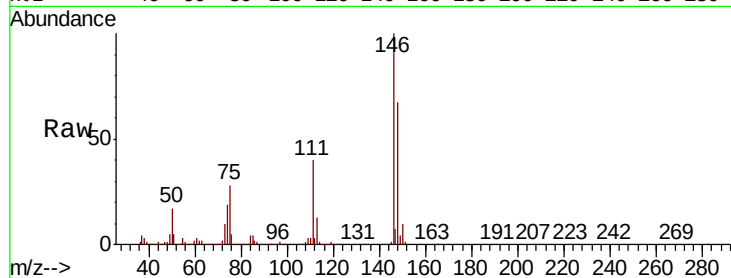
Tot Ion:146 Resp: 198761

Ion Ratio Lower Upper

146 100

111 42.4 20.0 59.9

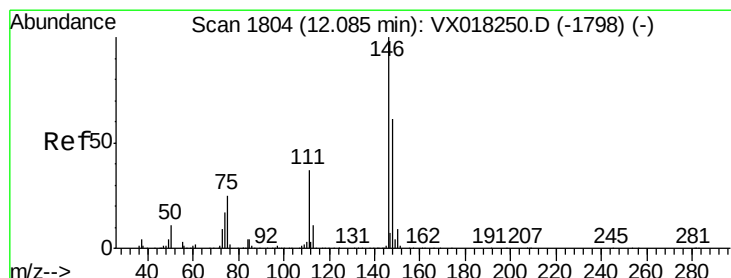
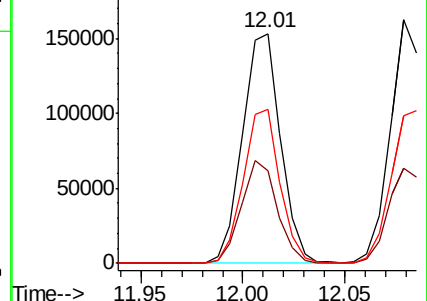
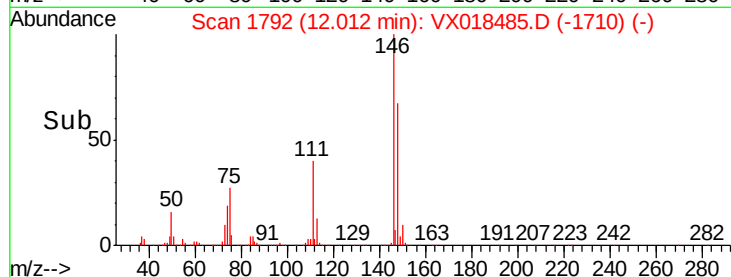
148 64.3 32.1 96.3



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



#84

1,4-Dichlorobenzene

Concen: 18.798 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

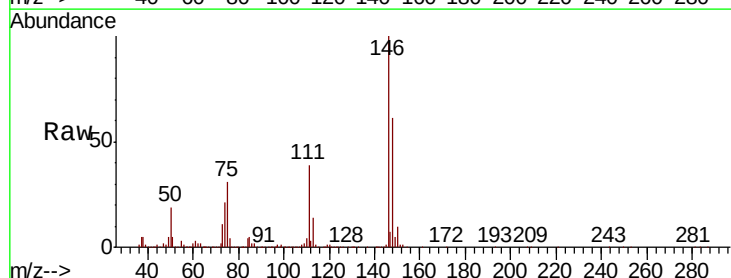
Tgt Ion:146 Resp: 200600

Ion Ratio Lower Upper

146 100

111 40.2 19.3 57.8

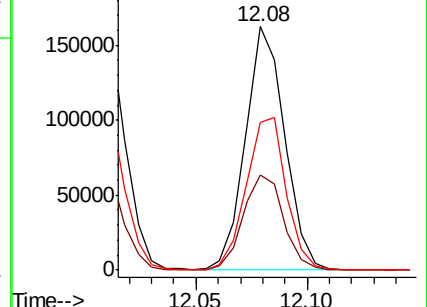
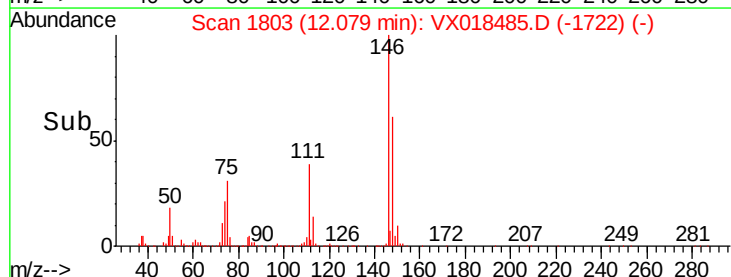
148 63.9 31.7 95.1

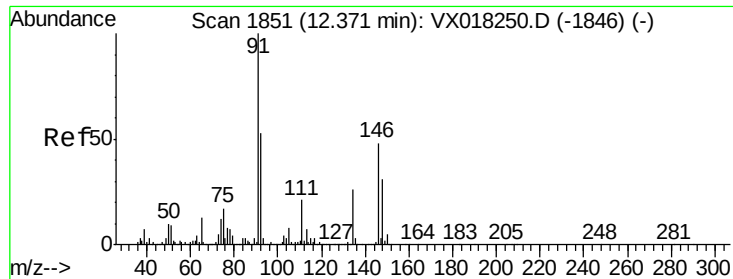


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.999 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

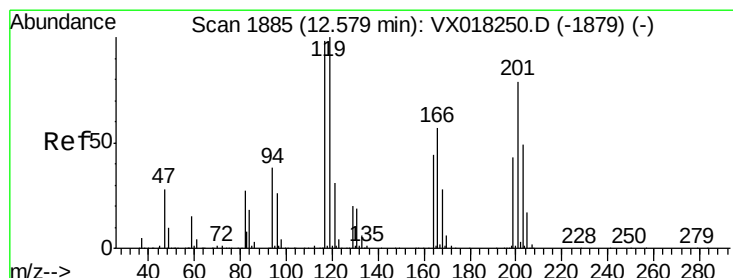
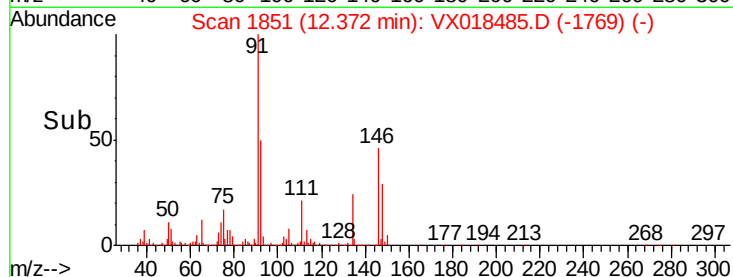
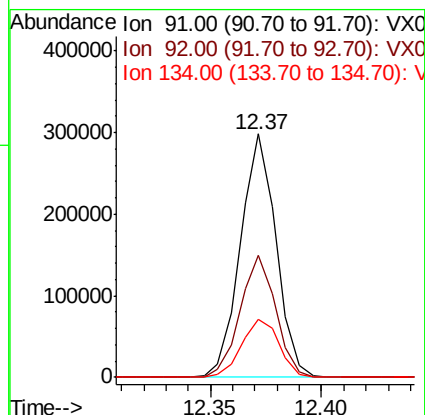
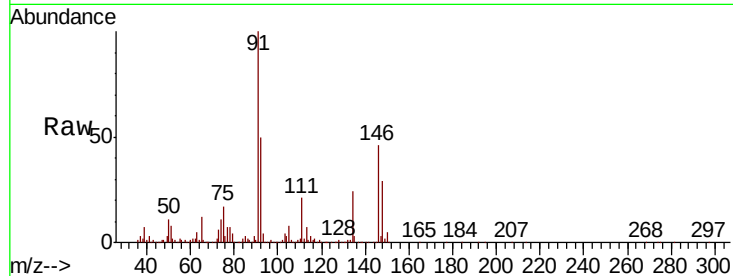
Tot Ion: 91 Resp: 333090

Ion Ratio Lower Upper

91 100

92 50.1 0.0 105.0

134 25.2 0.0 51.0



#86

Hexachloroethane

Concen: 18.296 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018485.D

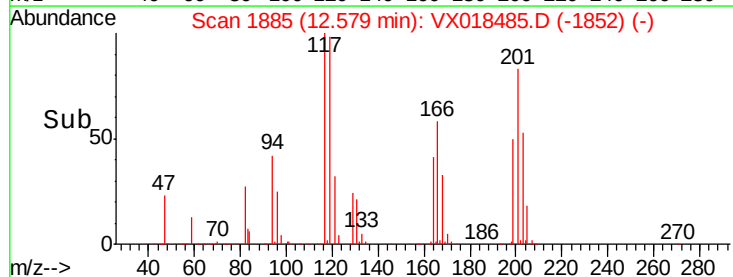
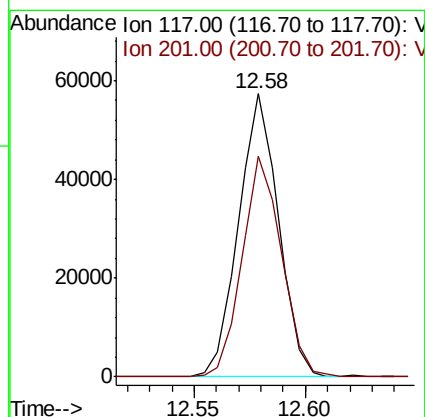
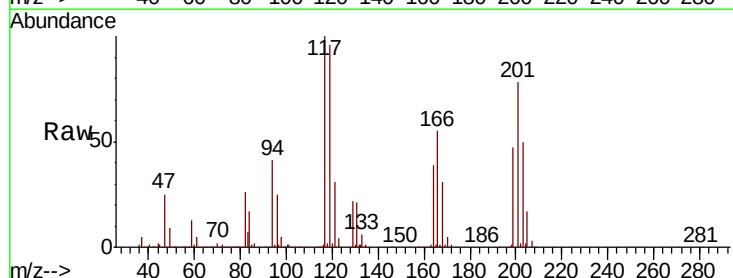
Acq: 18 Sep 2020 12:13

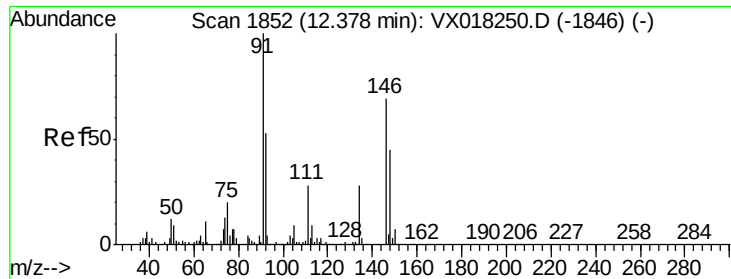
Tgt Ion: 117 Resp: 71733

Ion Ratio Lower Upper

117 100

201 77.1 39.6 118.8

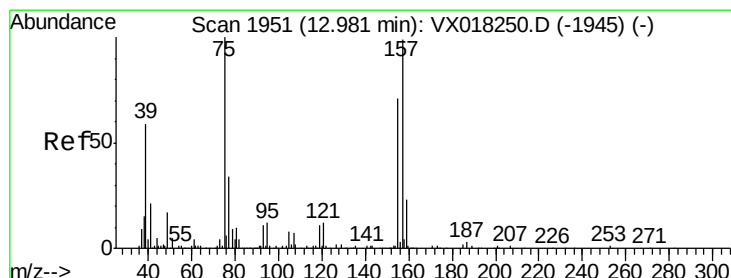
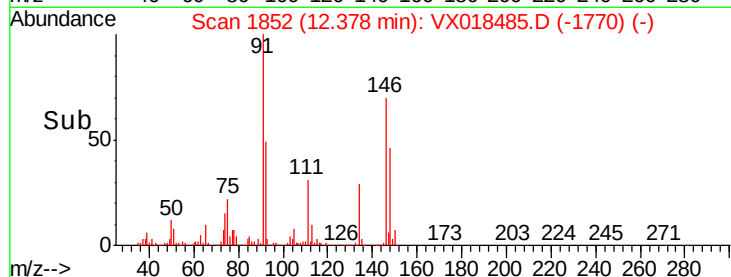
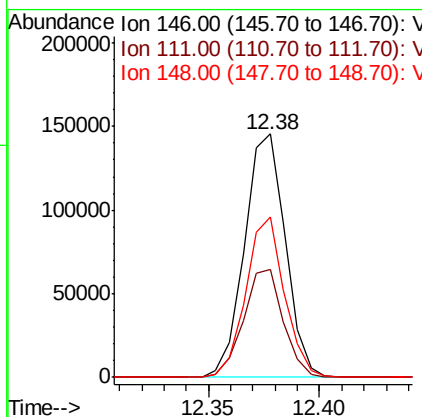
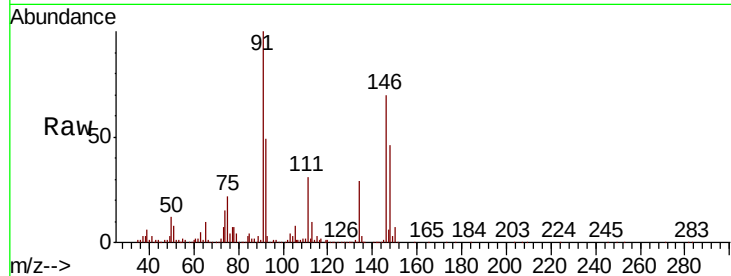




#87
 1,2-Dichlorobenzene
 Concen: 18.696 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

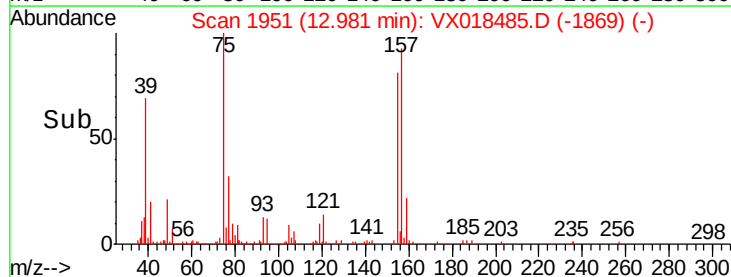
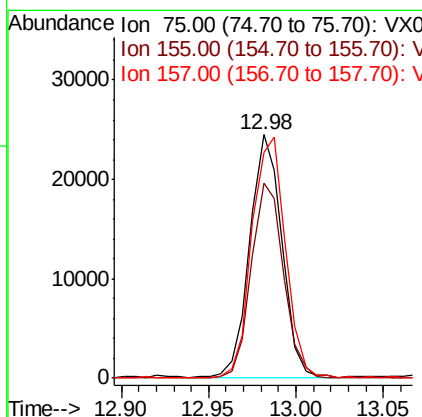
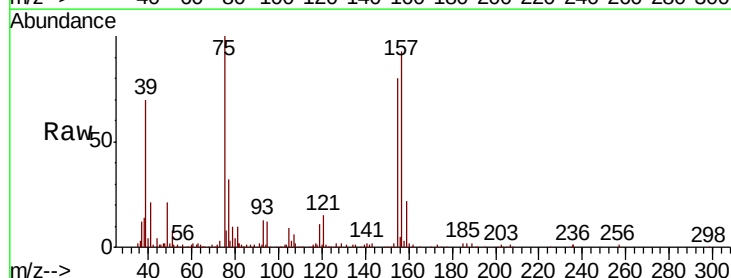
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

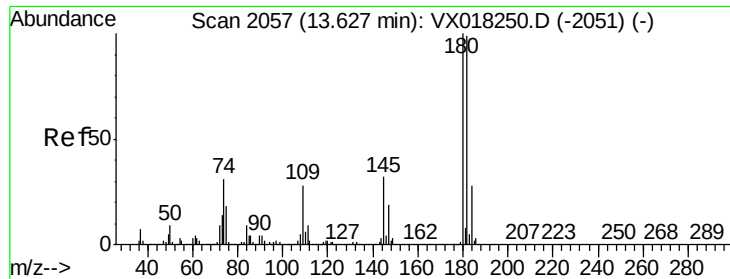
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.3
148	62.3	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.292 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	63.4	95.2
157	103.6	87.0	130.6

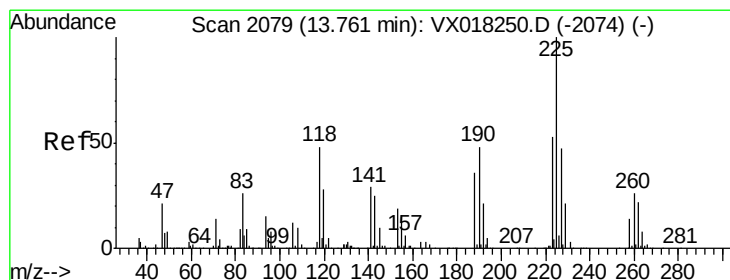
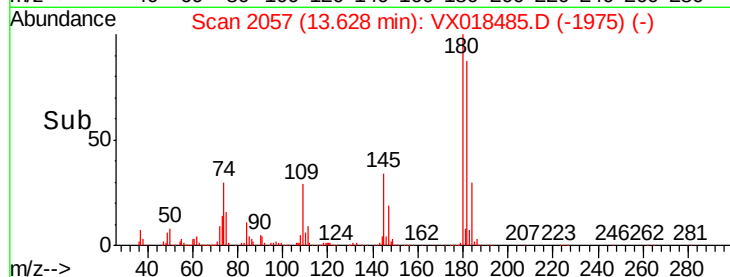
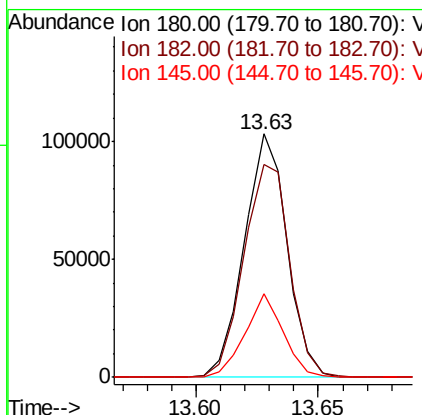
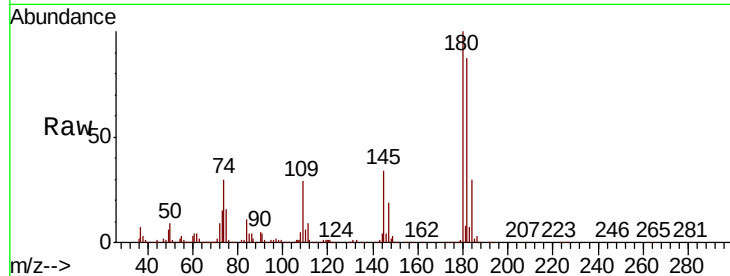




#89
 1,2,4-Trichlorobenzene
 Concen: 18.537 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

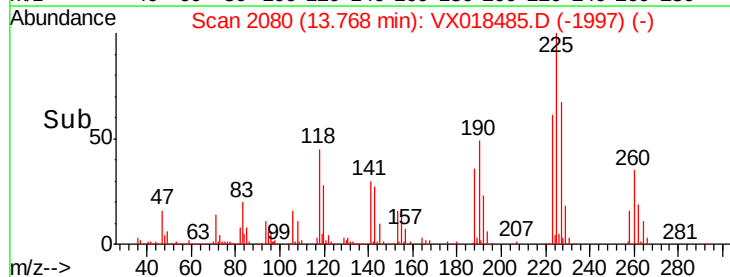
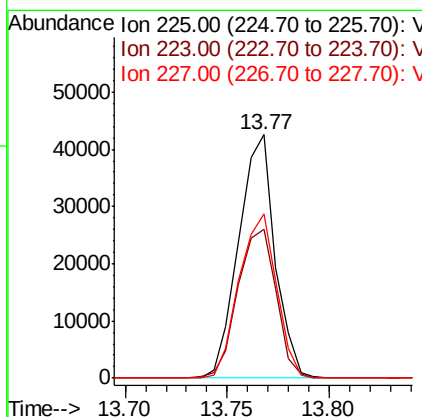
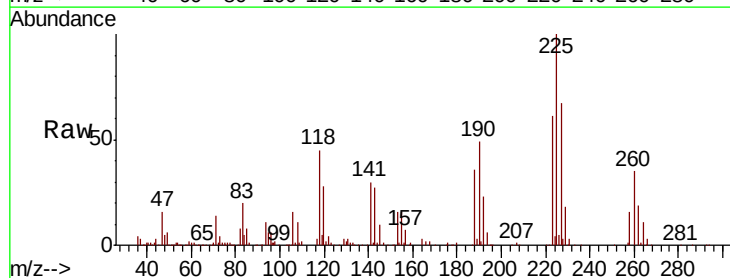
Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS01

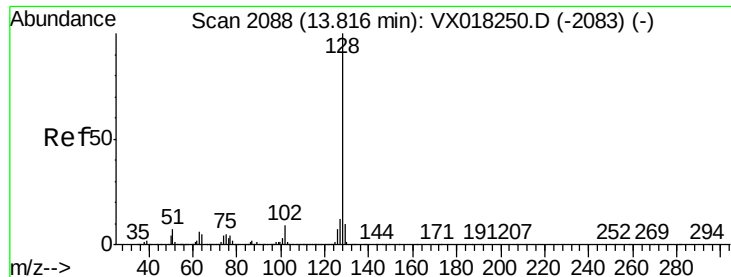
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
145	30.9	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 18.439 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018485.D
 Acq: 18 Sep 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	115.8
227	68.6	0.0	117.0





#91

Naphthalene

Concen: 17.884 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

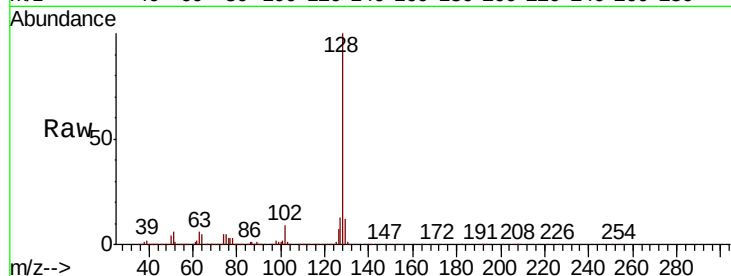
Tot Ion:128 Resp: 377381

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

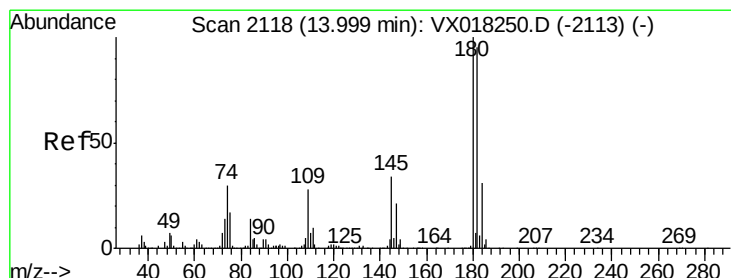
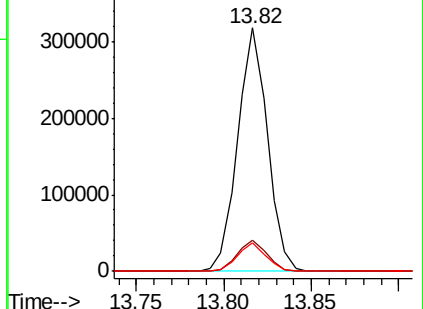
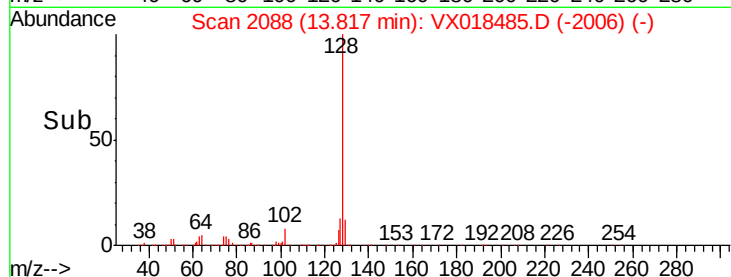
129 11.3 8.7 13.1



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: 18.214 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018485.D

Acq: 18 Sep 2020 12:13

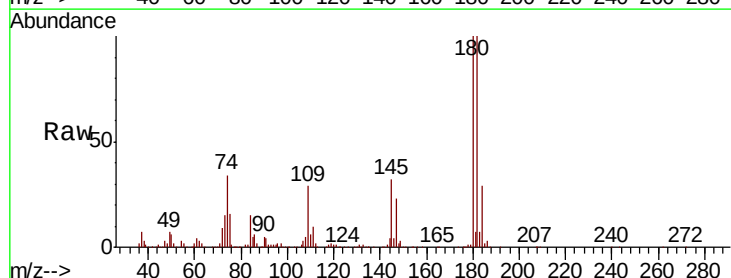
Tgt Ion:180 Resp: 121835

Ion Ratio Lower Upper

180 100

182 97.5 0.0 191.6

145 33.6 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

