

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036548.D
 Acq On : 14 Jul 2023 08:49
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Quant Time: Jul 17 01:20:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.903	128	34083	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	185321	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170364	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	83743	29.604	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.667%		
60) 4-Bromofluorobenzene	11.079	95	85126	30.804	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.667%		
63) Toluene-d8	8.647	98	234722	29.941	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35154	18.460	ug/l	97
3) Chloromethane	1.300	50	44714	17.163	ug/l	96
4) Vinyl Chloride	1.374	62	45873	17.075	ug/l	99
5) Bromomethane	1.611	94	47018	17.089	ug/l	99
6) Chloroethane	1.685	64	34059	18.626	ug/l	96
7) Trichlorofluoromethane	1.886	101	77220	17.717	ug/l	100
8) Diethyl Ether	2.136	74	32892	18.163	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	36546	18.520	ug/l	97
10) 1,1-Dichloroethene	2.319	96	34886	17.491	ug/l	96
11) Methyl Iodide	2.453	142	36847	16.212	ug/l	98
12) Methyl Acetate	2.703	43	82343	17.564	ug/l	95
13) Acrolein	2.245	56	21581	56.113	ug/l	95
14) Acrylonitrile	3.062	53	113755	86.564	ug/l	97
15) Acetone	2.386	58	32540	87.462	ug/l	87
16) Carbon Disulfide	2.514	76	84348	17.431	ug/l	99
17) Allyl chloride	2.666	41	63418	17.924	ug/l	97
18) Methylene Chloride	2.788	84	44918	18.703	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	39011	17.894	ug/l	99
20) Diisopropyl ether	3.757	45	136558	18.937	ug/l	90
21) 1,1-Dichloroethane	3.611	63	75270	17.904	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	47444	18.082	ug/l	99
24) Methyl tert-Butyl Ether	3.111	73	135271	18.650	ug/l	99
25) Chloroform	5.092	83	80225	18.457	ug/l	98
26) Cyclohexane	5.470	56	58388	18.103	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	54703	19.575	ug/l	99
30) 2-Butanone	4.556	43	162315	92.246	ug/l	99
31) 2,2-Dichloropropane	4.471	77	59206	19.319	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	62682	18.876	ug/l	99
33) Carbon Tetrachloride	5.678	117	54463	19.224	ug/l	95
34) Benzene	6.037	78	169046	19.624	ug/l	98
35) Methacrylonitrile	4.916	41	33304	18.242	ug/l	98
36) 1,2-Dichloroethane	6.086	62	65403	19.774	ug/l	99
37) Trichloroethene	7.123	130	42928	18.935	ug/l	92
38) Methylcyclohexane	7.379	83	61967	19.060	ug/l	99
39) 1,2-Dichloropropane	7.427	63	45919	19.666	ug/l	99
40) Dibromomethane	7.580	93	32899	19.452	ug/l	99
41) Bromodichloromethane	7.818	83	59609	19.420	ug/l	95
42) Vinyl Acetate	3.721	43	528320	99.404	ug/l	100
43) Ethyl Acetate	4.715	43	65053	18.993	ug/l	96

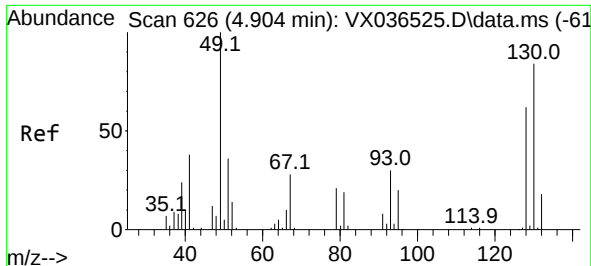
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
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 ClientSampleId :
 VSTDCCC020

Quant Time: Jul 17 01:20:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.336	43	104922	19.209	ug/l	98
45) 1,4-Dioxane	7.677	88	22110	356.603	ug/l #	1
46) Methyl methacrylate	7.690	41	49935	19.128	ug/l	90
47) n-amyl Acetate	10.841	43	89383	19.293	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	65752	19.530	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	71401	19.633	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	46637	20.313	ug/l	92
51) Ethyl methacrylate	9.116	69	70251	19.490	ug/l	98
52) 1,3-Dichloropropane	9.305	76	77205	19.926	ug/l	99
53) Dibromochloromethane	9.519	129	45152	19.484	ug/l	99
54) 1,2-Dibromoethane	9.610	107	48297	20.025	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	187335	96.635	ug/l	100
56) Bromoform	10.799	173	30416	18.865	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	329543	93.543	ug/l	100
59) 2-Hexanone	9.427	43	246586	92.007	ug/l	100
61) Tetrachloroethene	9.275	164	37667	18.460	ug/l	94
62) Toluene	8.714	91	183506	19.198	ug/l	99
64) Chlorobenzene	10.079	112	113781	19.120	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	41209	19.174	ug/l	99
66) Ethyl Benzene	10.195	91	196315	18.897	ug/l	97
67) m/p-Xylenes	10.299	106	151871	37.499	ug/l	97
68) o-Xylene	10.640	106	76242	18.968	ug/l	97
69) Styrene	10.652	104	126267	19.375	ug/l	99
70) Isopropylbenzene	10.963	105	190788	19.058	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	69794	19.101	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	76043	22.459	ug/l	89
73) Bromobenzene	11.195	156	46684	18.865	ug/l	98
74) n-propylbenzene	11.305	91	222621	18.894	ug/l	100
75) 2-Chlorotoluene	11.366	91	136704	19.079	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	162381	18.876	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	18589	16.719	ug/l	97
78) 4-Chlorotoluene	11.451	91	157549	19.311	ug/l	100
79) tert-butylbenzene	11.713	119	149408	18.299	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	163322	19.161	ug/l	99
81) sec-Butylbenzene	11.890	105	189867	18.475	ug/l	99
82) p-Isopropyltoluene	12.006	119	159181	18.617	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	86807	18.859	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	88321	19.256	ug/l	99
85) n-Butylbenzene	12.335	91	138974	17.856	ug/l	98
86) Hexachloroethane	12.536	117	25312	17.880	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	89364	19.355	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13912	16.933	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	52030	17.870	ug/l	98
90) Hexachlorobutadiene	13.725	225	19187	18.143	ug/l	98
91) Naphthalene	13.774	128	185976	18.204	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	52721	17.939	ug/l	99

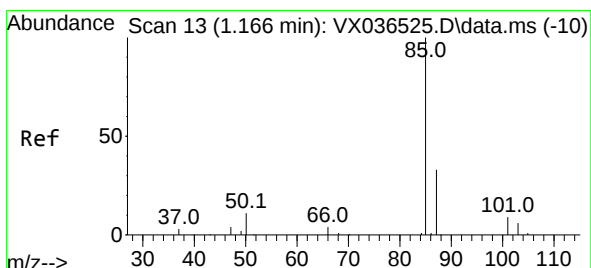
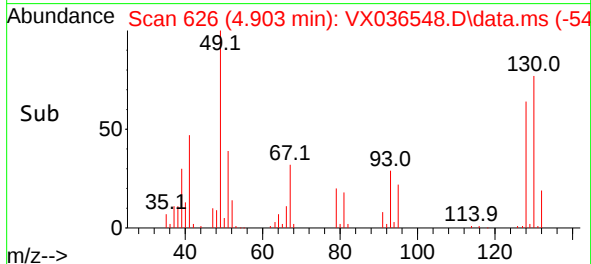
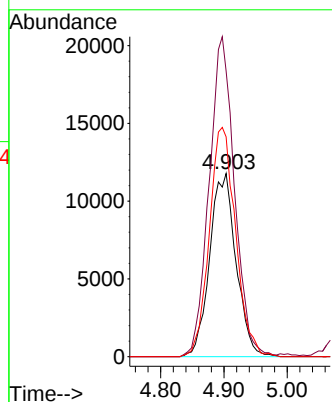
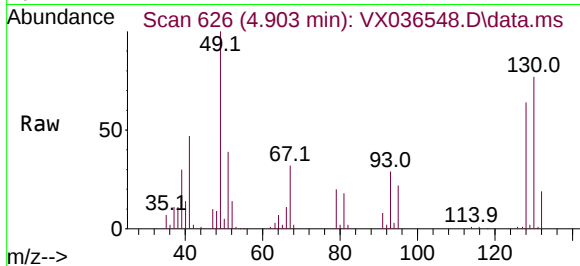
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.903 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

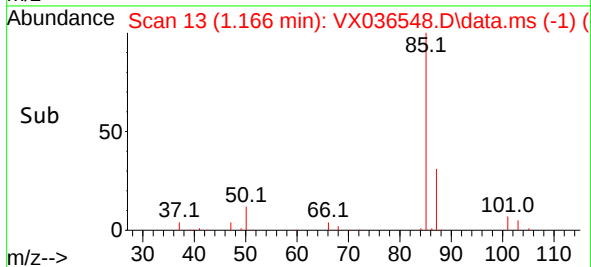
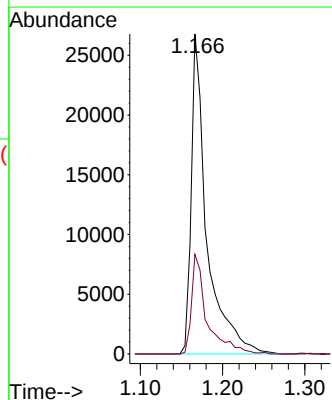
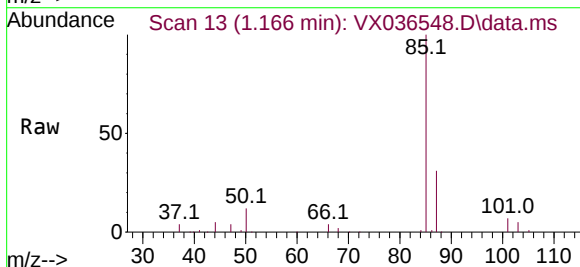
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

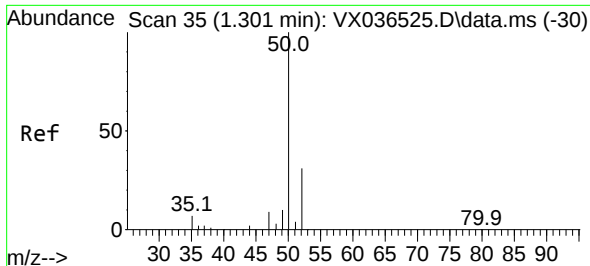
Tgt Ion:	128	Resp:	34083
Ion	Ratio	Lower	Upper
128	100		
49	167.9	0.0	406.3
130	124.7	0.0	328.0



#2
 Dichlorodifluoromethane
 Concen: 18.460 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

Tgt Ion:	85	Resp:	35154
Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.4	49.4

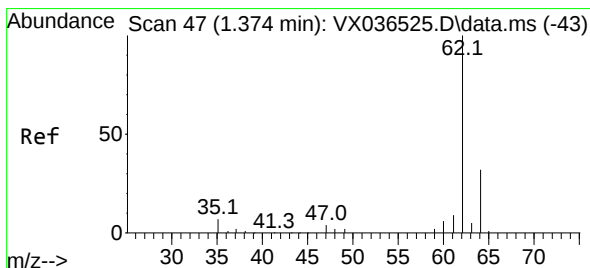
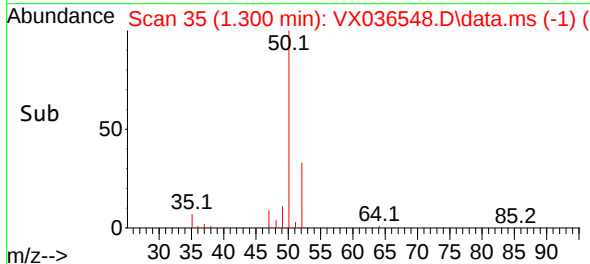
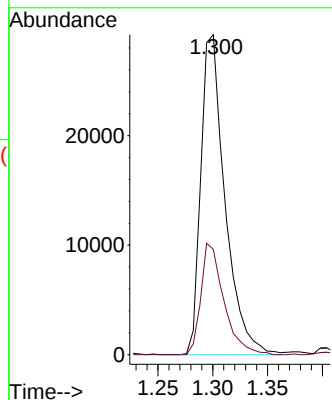
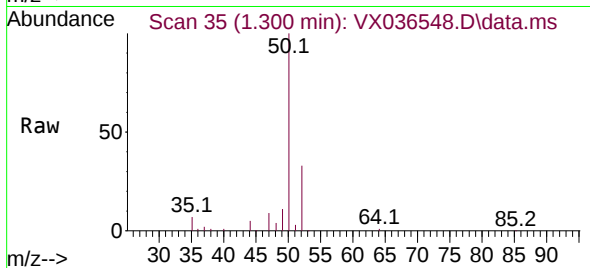




#3
Chloromethane
Concen: 17.163 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

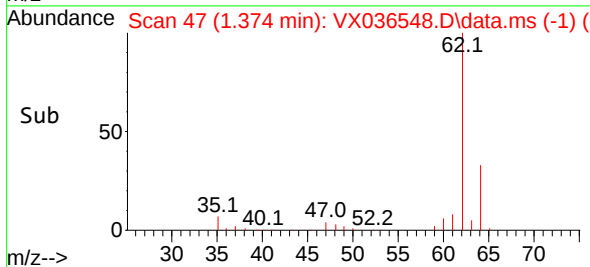
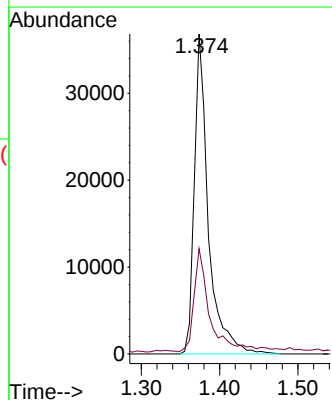
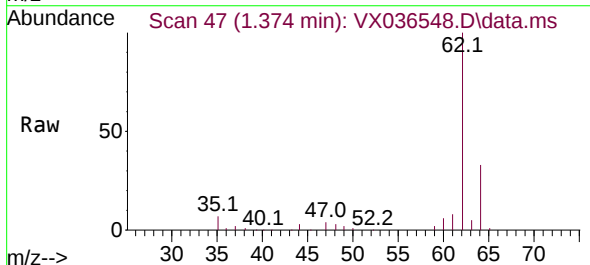
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

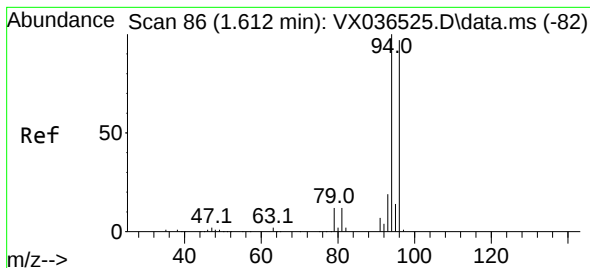
Tgt Ion: 50 Resp: 44714
Ion Ratio Lower Upper
50 100
52 32.9 24.5 36.7



#4
Vinyl Chloride
Concen: 17.075 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 62 Resp: 45873
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 17.089 ug/l

RT: 1.611 min Scan# 86

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

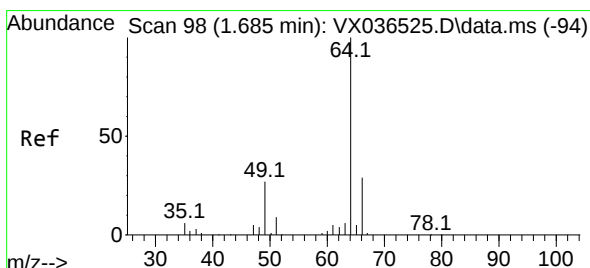
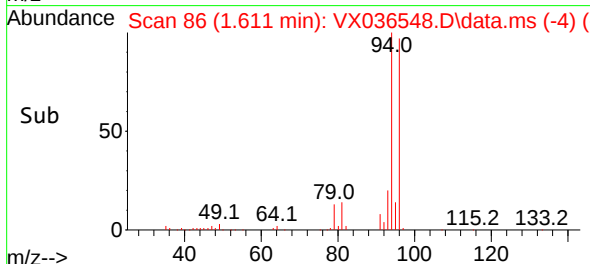
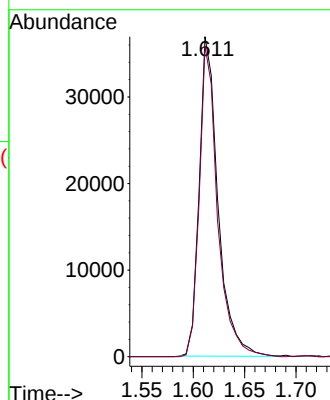
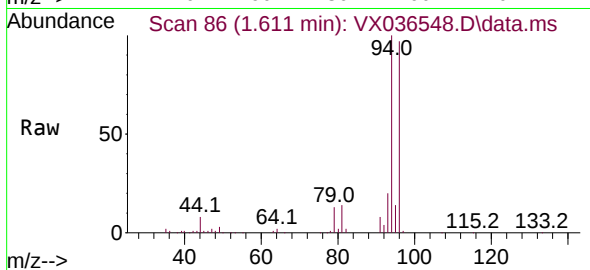
VSTDCCC020

Tgt Ion: 94 Resp: 47018

Ion Ratio Lower Upper

94 100

96 97.3 77.4 116.2



#6

Chloroethane

Concen: 18.626 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX036548.D

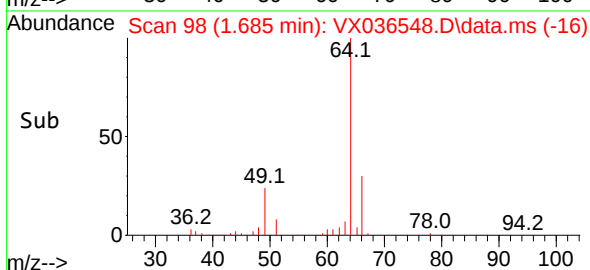
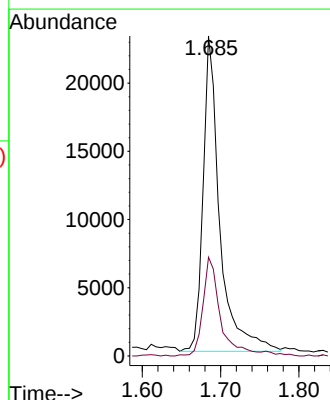
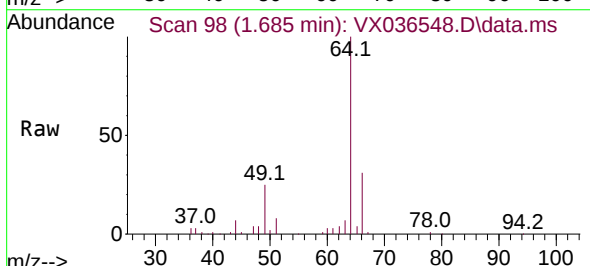
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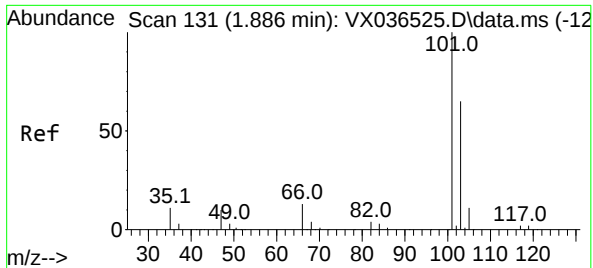
Tgt Ion: 64 Resp: 34059

Ion Ratio Lower Upper

64 100

66 30.9 23.1 34.7

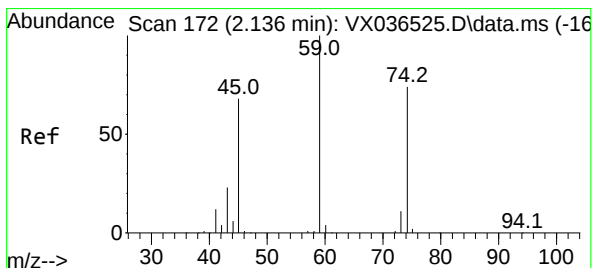
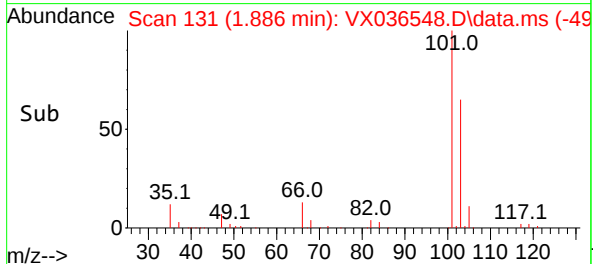
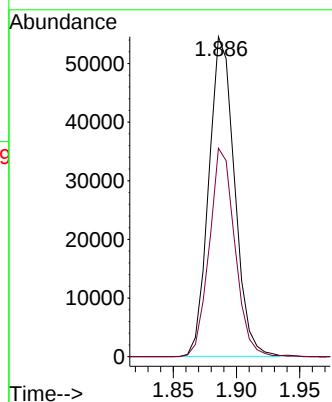
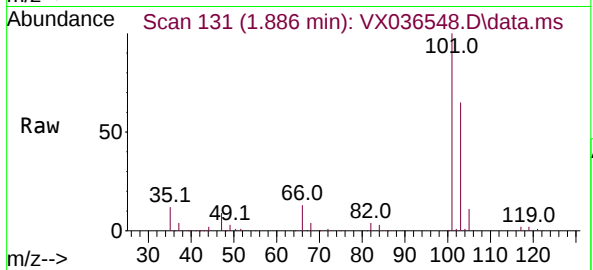




#7
 Trichlorofluoromethane
 Concen: 17.717 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

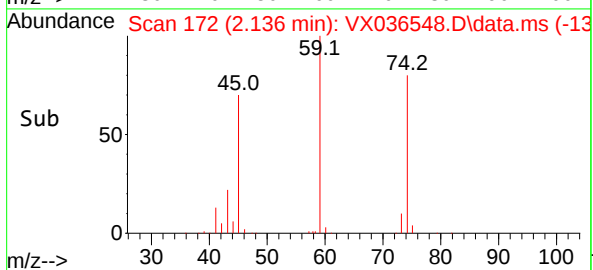
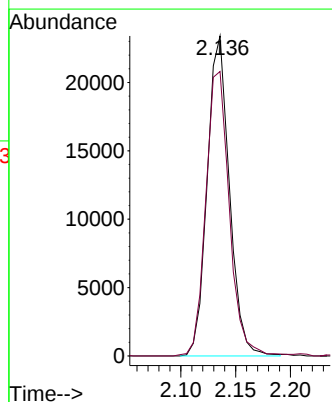
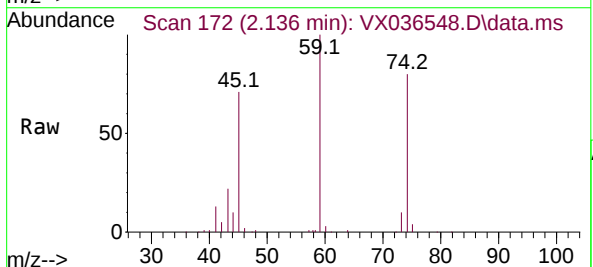
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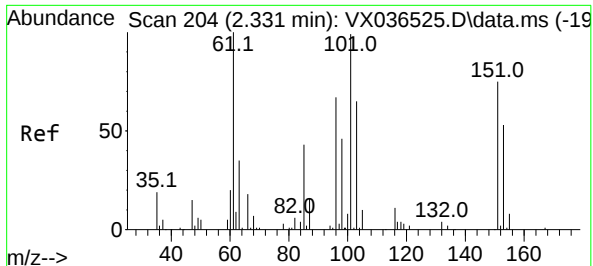
Tgt Ion:101 Resp: 77220
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 18.163 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

Tgt Ion: 74 Resp: 32892
 Ion Ratio Lower Upper
 74 100
 45 93.9 19.9 178.9

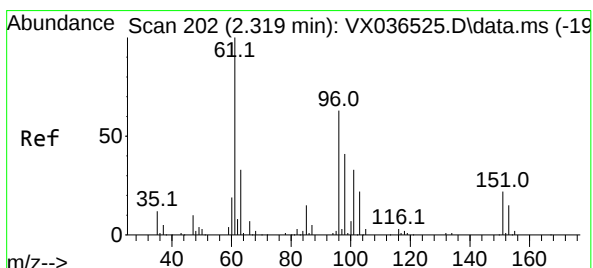
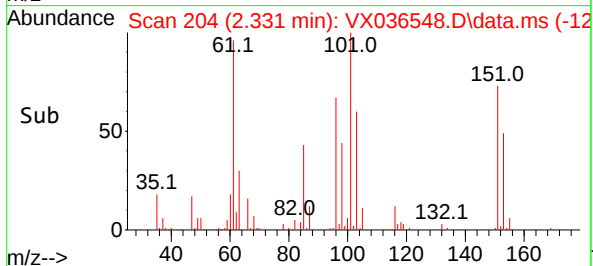
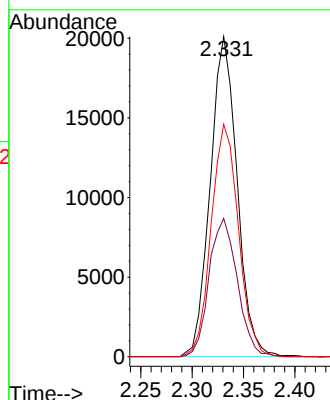
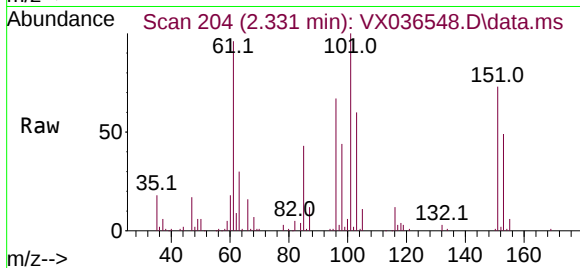




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.520 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

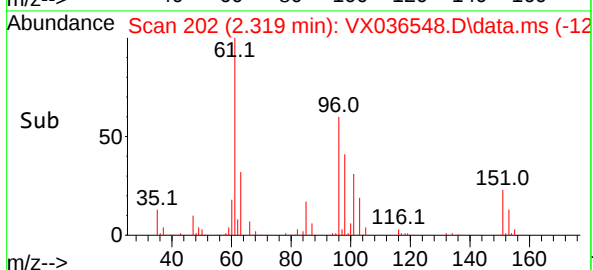
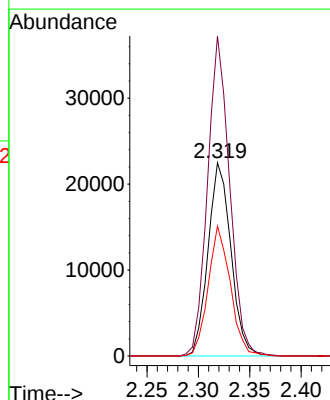
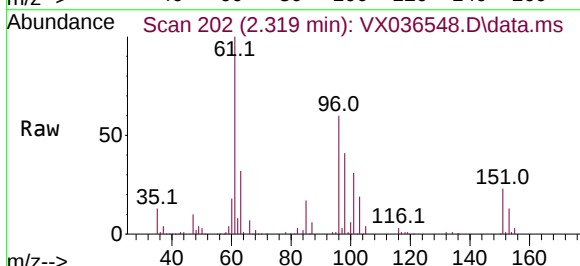
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

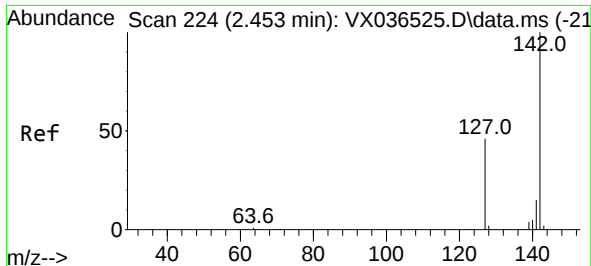
Tgt Ion:101 Resp: 36546
 Ion Ratio Lower Upper
 101 100
 85 45.5 0.0 91.0
 151 73.7 0.0 155.4



#10
 1,1-Dichloroethene
 Concen: 17.491 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

Tgt Ion: 96 Resp: 34886
 Ion Ratio Lower Upper
 96 100
 61 165.5 127.2 190.8
 98 67.2 52.7 79.1

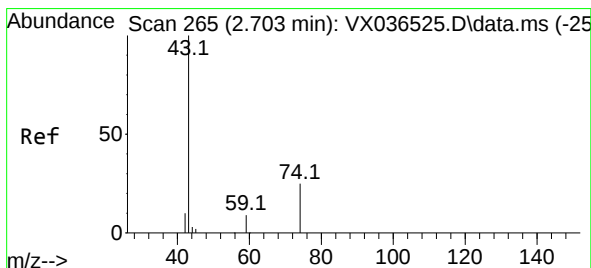
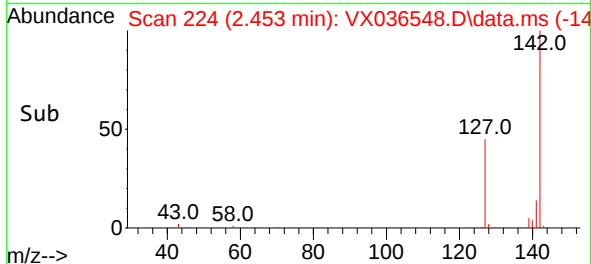
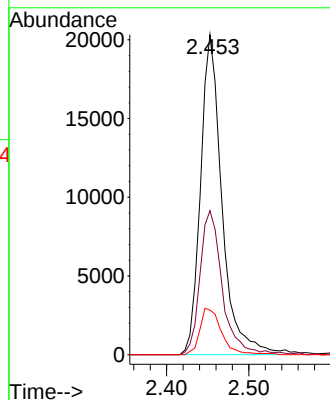
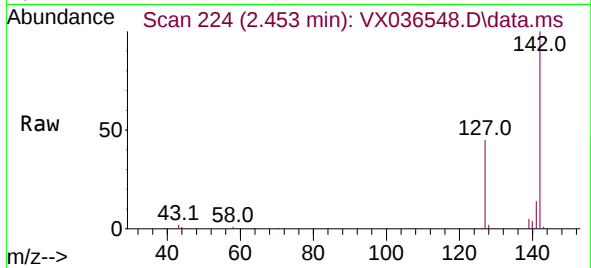




#11
Methyl Iodide
Concen: 16.212 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

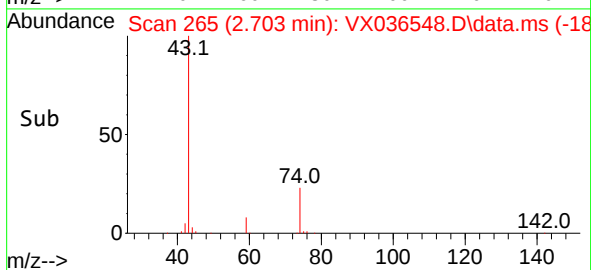
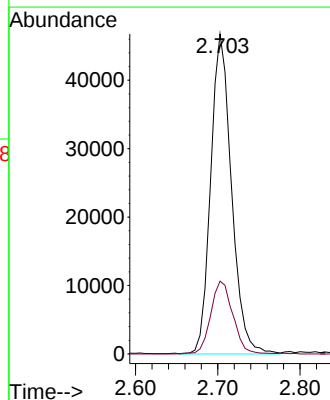
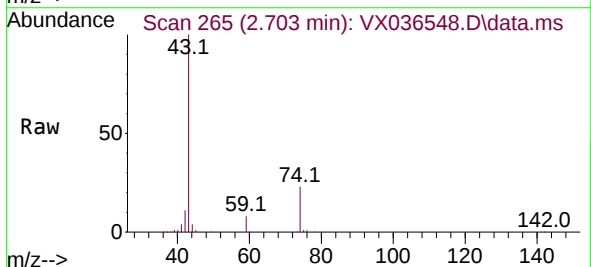
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

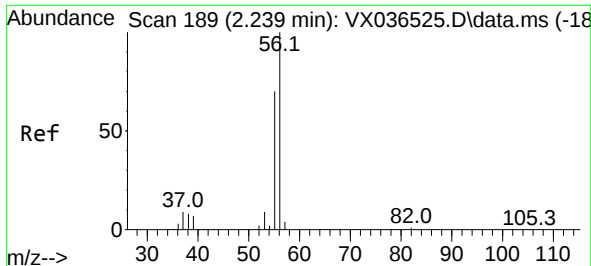
Tgt Ion:142 Resp: 36847
Ion Ratio Lower Upper
142 100
127 44.9 22.9 68.8
141 14.0 7.5 22.6



#12
Methyl Acetate
Concen: 17.564 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 43 Resp: 82343
Ion Ratio Lower Upper
43 100
74 22.6 20.3 30.5

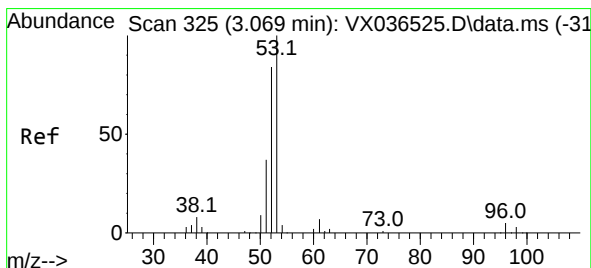
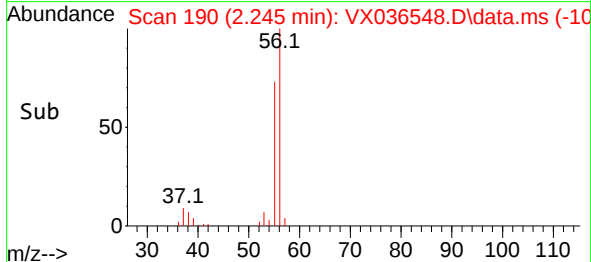
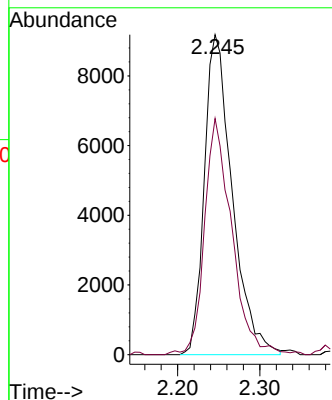
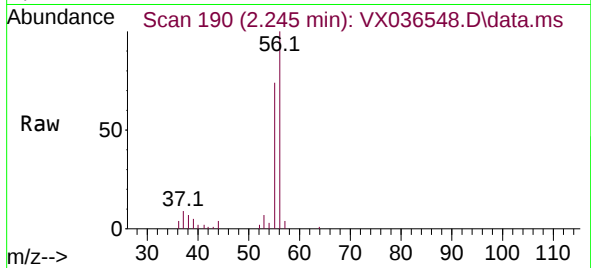




#13
Acrolein
Concen: 56.113 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

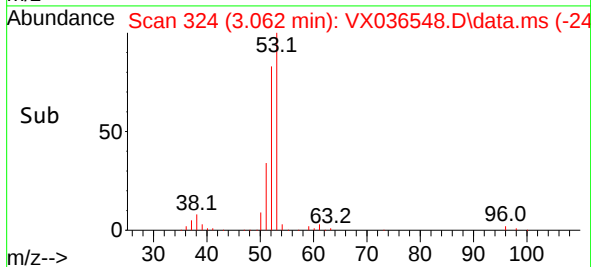
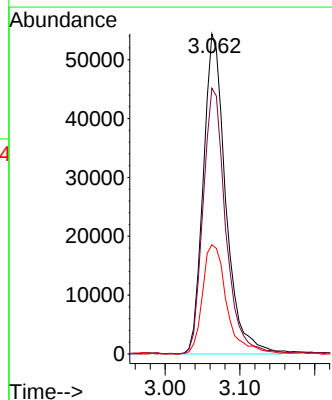
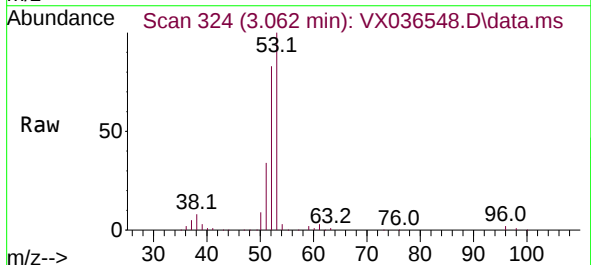
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

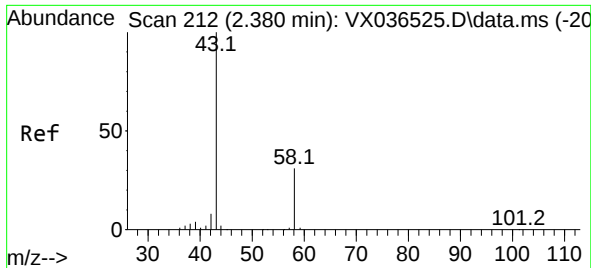
Tgt Ion: 56 Resp: 21581
Ion Ratio Lower Upper
56 100
55 70.2 59.7 89.5



#14
Acrylonitrile
Concen: 86.564 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 53 Resp: 113755
Ion Ratio Lower Upper
53 100
52 83.3 40.0 119.9
51 36.8 18.2 54.6

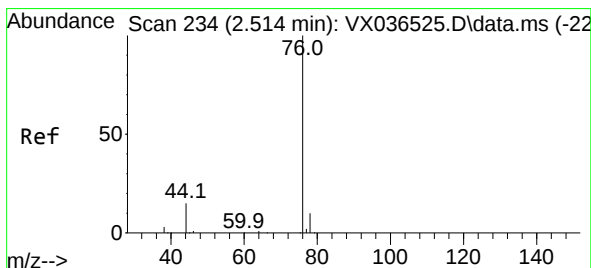
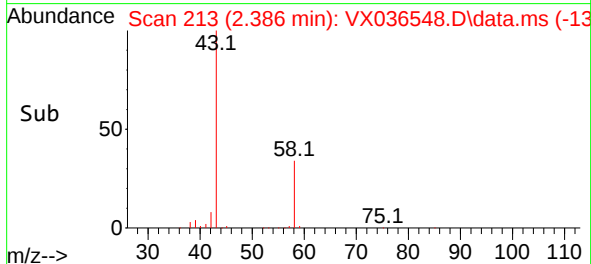
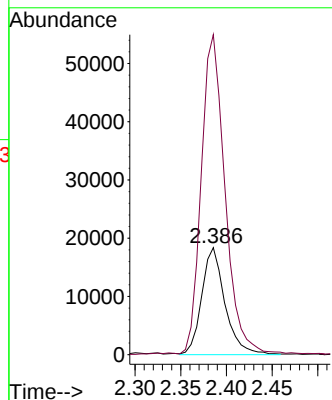
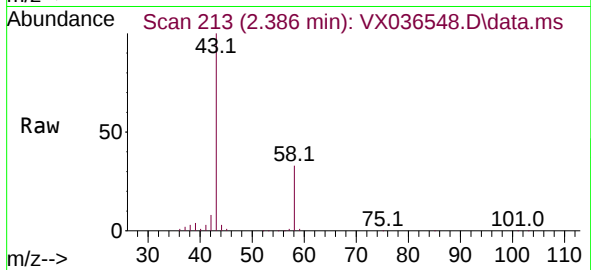




#15
Acetone
Concen: 87.462 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

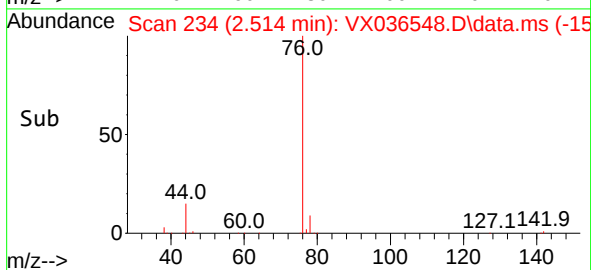
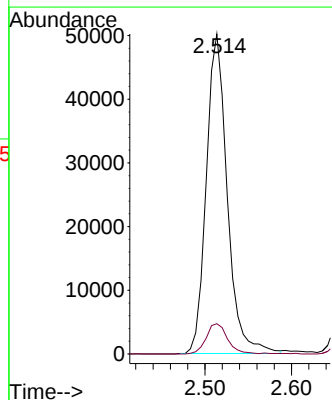
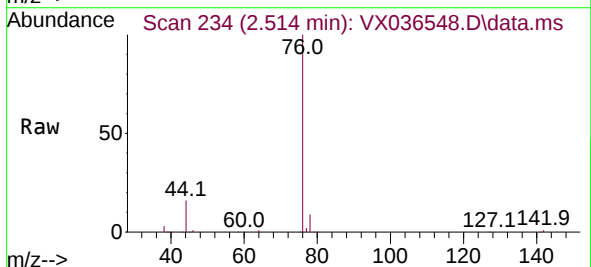
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

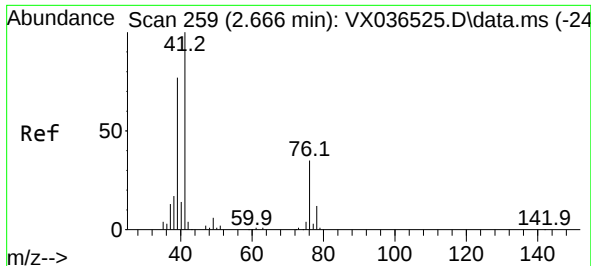
Tgt Ion: 58 Resp: 32540
Ion Ratio Lower Upper
58 100
43 299.7 261.0 391.4



#16
Carbon Disulfide
Concen: 17.431 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 76 Resp: 84348
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17

Allyl chloride

Concen: 17.924 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

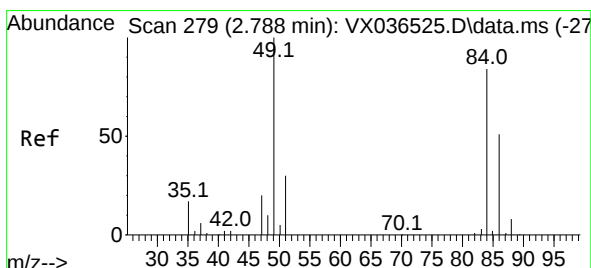
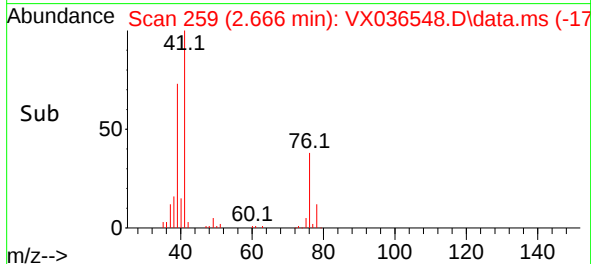
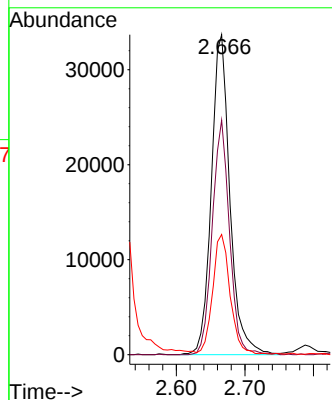
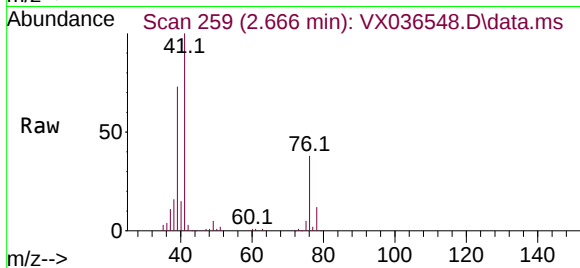
Tgt Ion: 41 Resp: 63418

Ion Ratio Lower Upper

41 100

39 73.3 38.5 115.3

76 37.2 18.6 55.8



#18

Methylene Chloride

Concen: 18.703 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Tgt Ion: 84 Resp: 44918

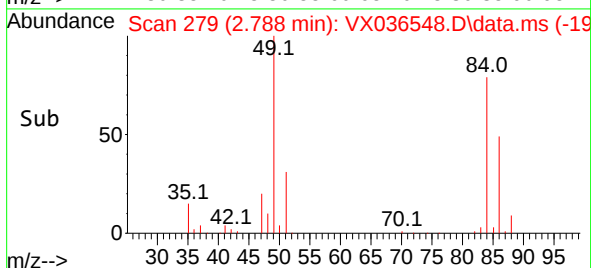
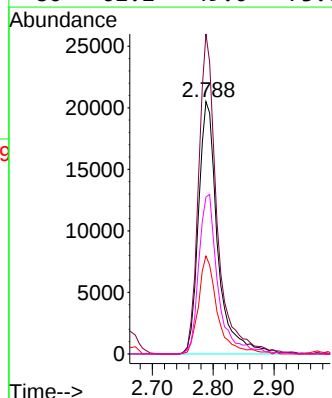
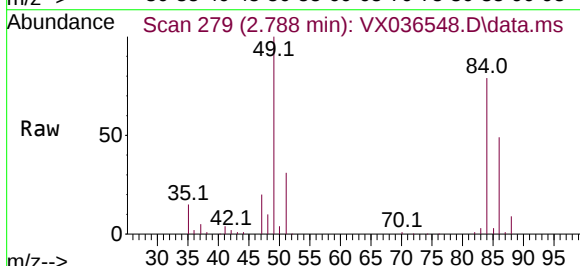
Ion Ratio Lower Upper

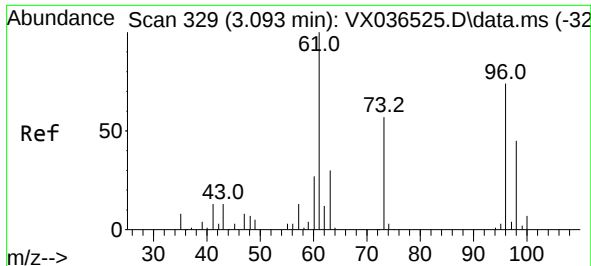
84 100

49 126.8 95.4 143.0

51 38.8 28.3 42.5

86 62.2 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 17.894 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

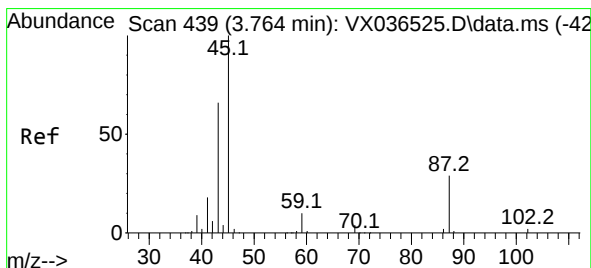
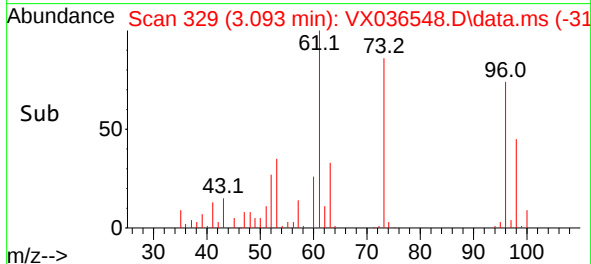
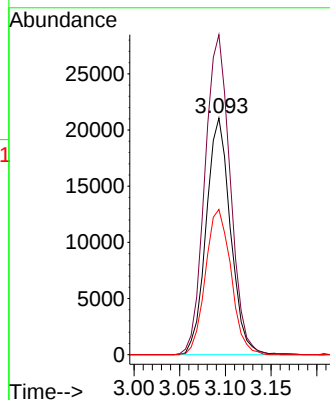
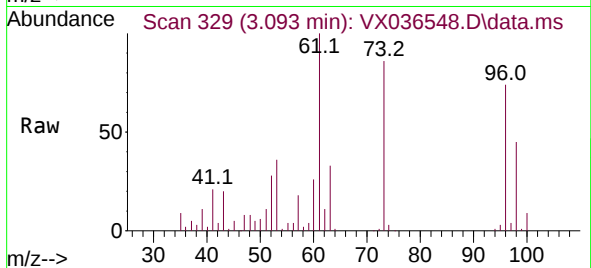
Tgt Ion: 96 Resp: 39011

Ion Ratio Lower Upper

96 100

61 134.8 108.7 163.1

98 61.4 49.1 73.7



#20

Diisopropyl ether

Concen: 18.937 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Tgt Ion: 45 Resp: 136558

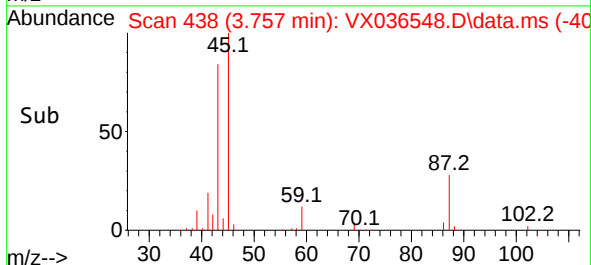
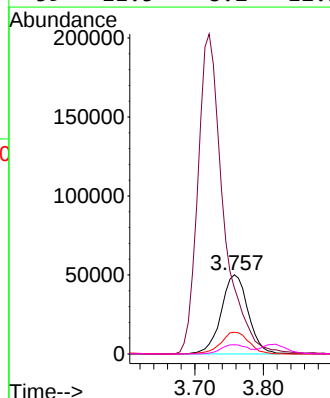
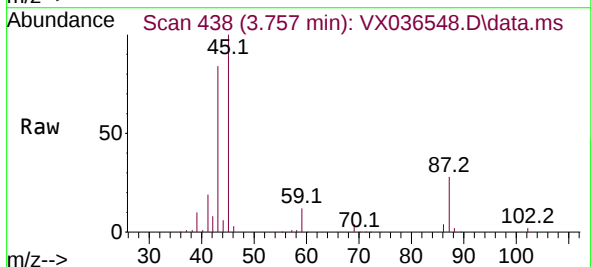
Ion Ratio Lower Upper

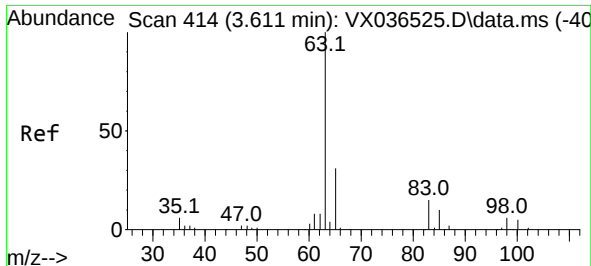
45 100

43 81.3 55.8 83.6

87 27.6 23.0 34.4

59 11.5 8.2 12.2





#21

1,1-Dichloroethane

Concen: 17.904 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

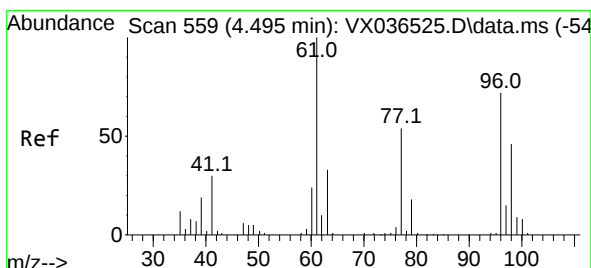
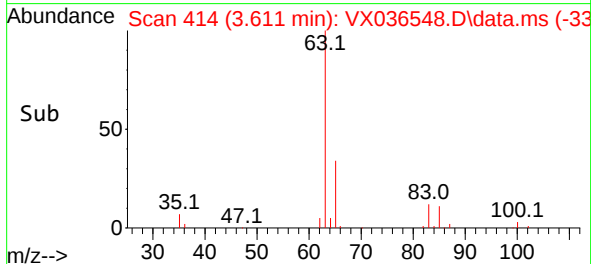
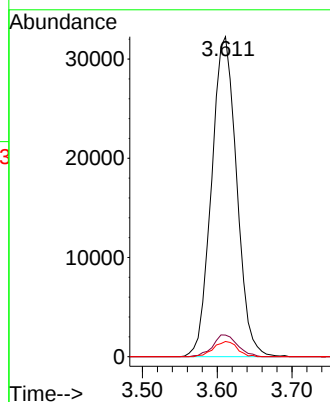
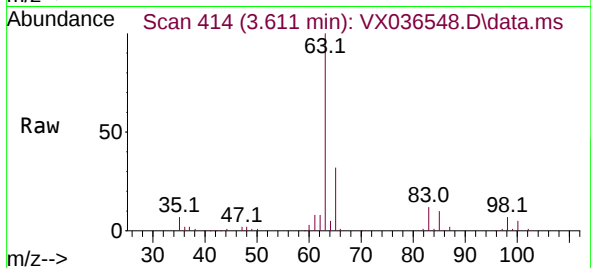
Tgt Ion: 63 Resp: 75270

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.8 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 18.082 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

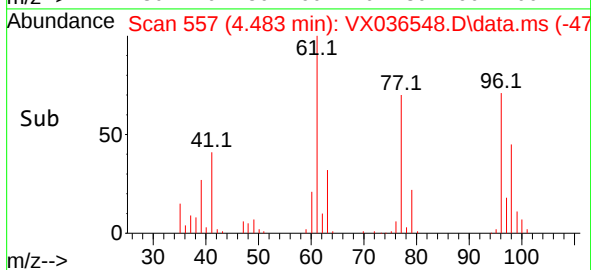
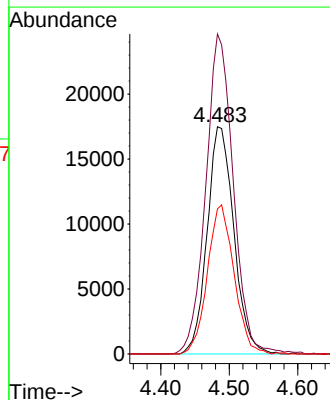
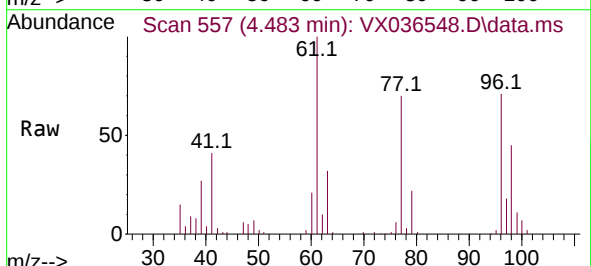
Tgt Ion: 96 Resp: 47444

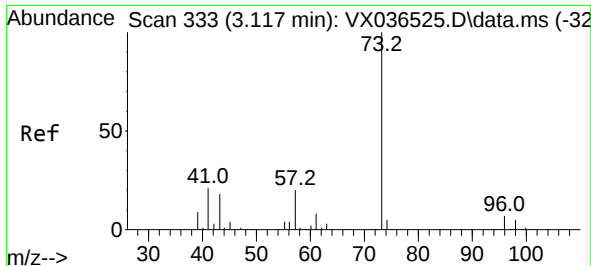
Ion Ratio Lower Upper

96 100

61 144.6 114.0 171.0

98 65.2 51.6 77.4

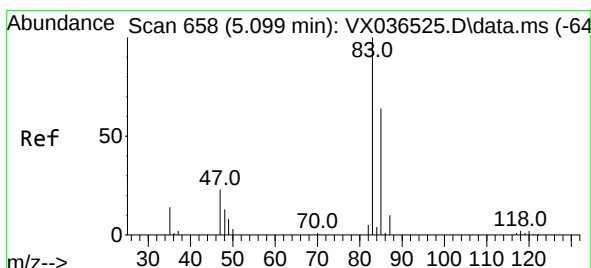
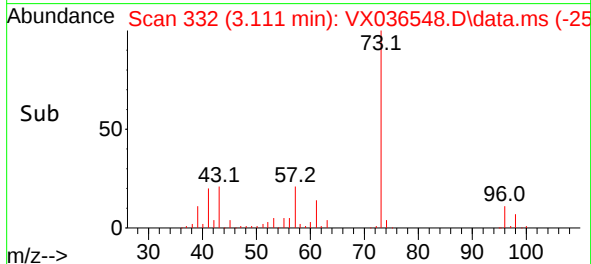
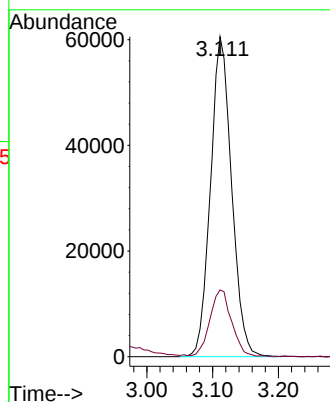
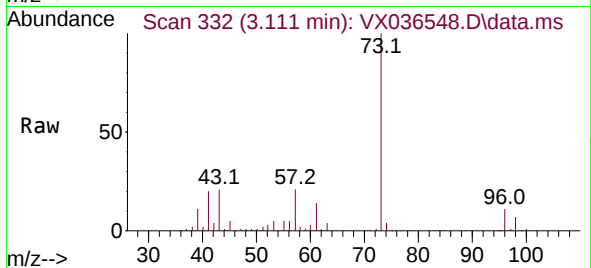




#24
Methyl tert-Butyl Ether
Concen: 18.650 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

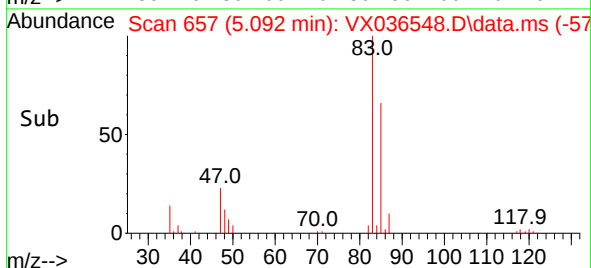
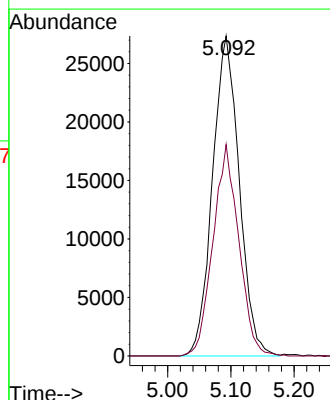
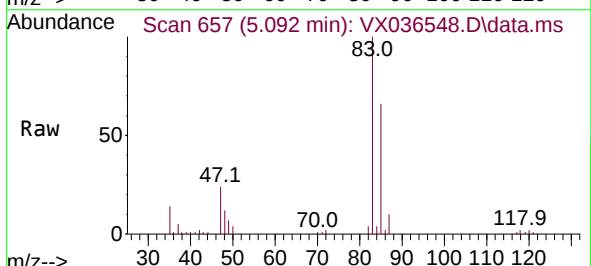
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

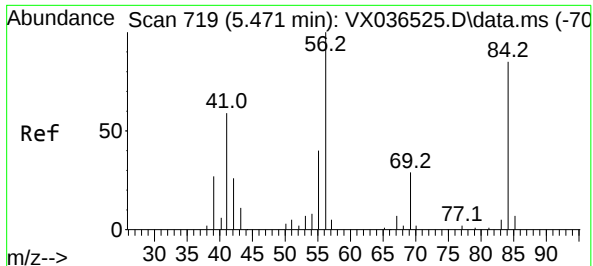
Tgt Ion: 73 Resp: 135271
Ion Ratio Lower Upper
73 100
43 21.5 16.8 25.2



#25
Chloroform
Concen: 18.457 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 83 Resp: 80225
Ion Ratio Lower Upper
83 100
85 66.0 51.5 77.3

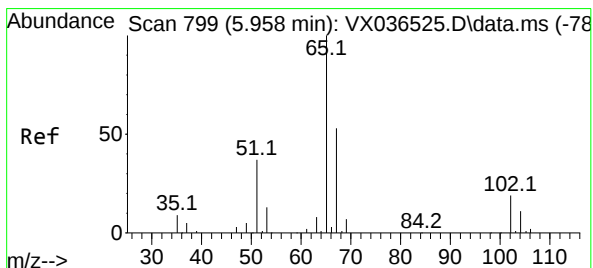
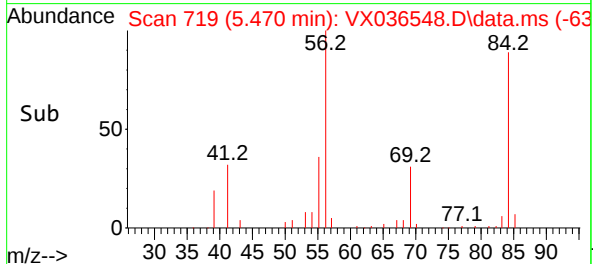
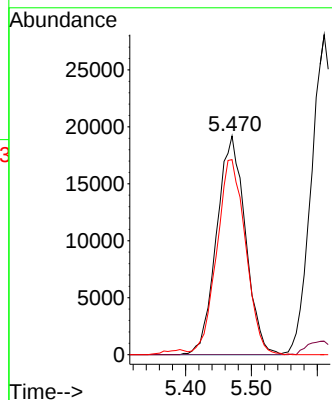
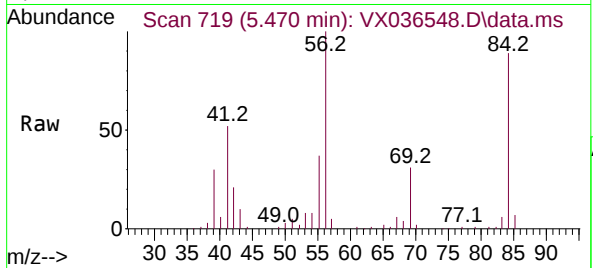




#26
Cyclohexane
Concen: 18.103 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

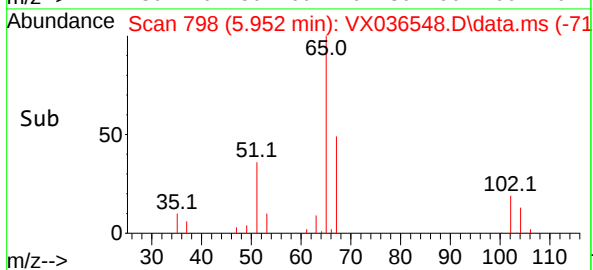
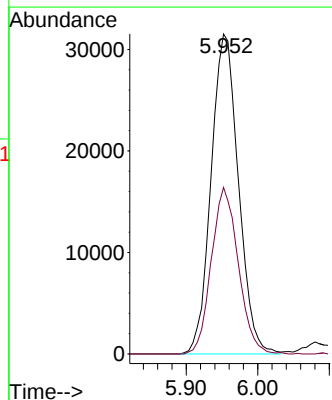
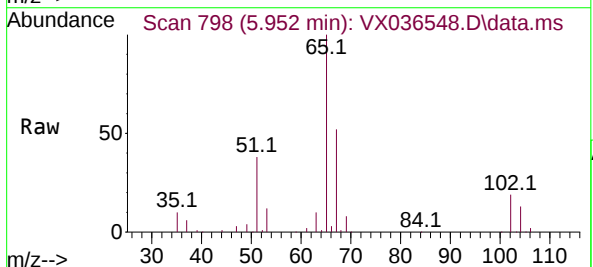
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

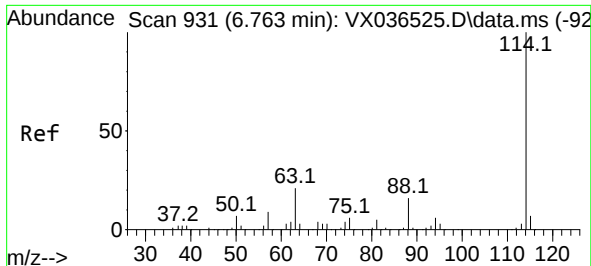
Tgt Ion: 56 Resp: 58388
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.4 71.4 107.2



#27
1,2-Dichloroethane-d4
Concen: 29.604 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 65 Resp: 83743
Ion Ratio Lower Upper
65 100
67 51.2 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

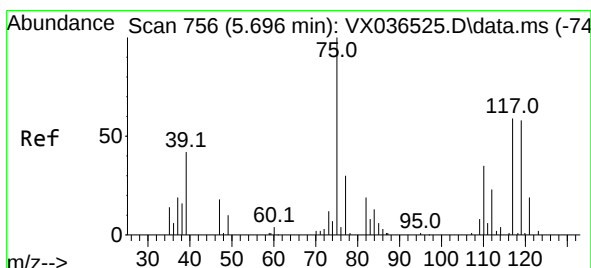
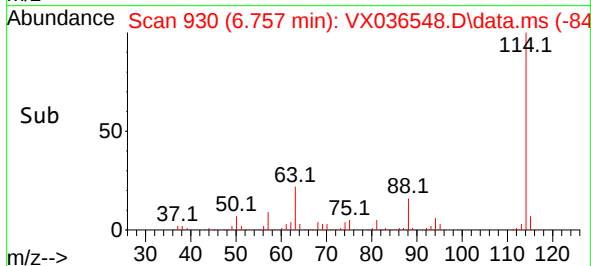
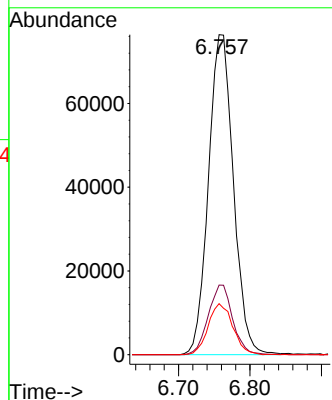
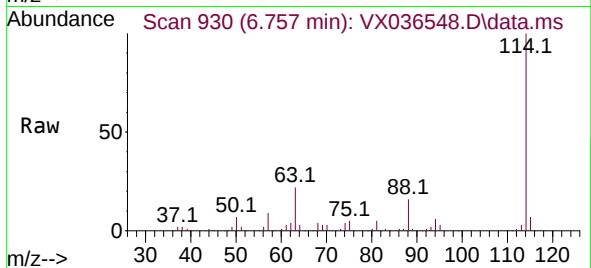
Tgt Ion:114 Resp: 185321

Ion Ratio Lower Upper

114 100

63 21.2 16.6 24.8

88 15.8 12.9 19.3



#29

1,1-Dichloropropene

Concen: 19.575 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

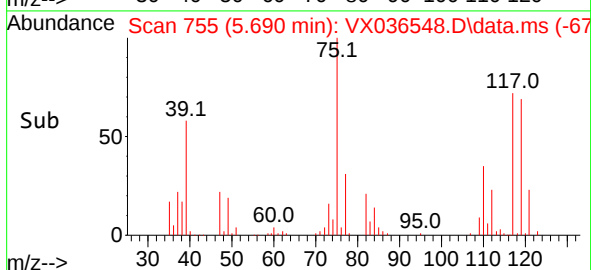
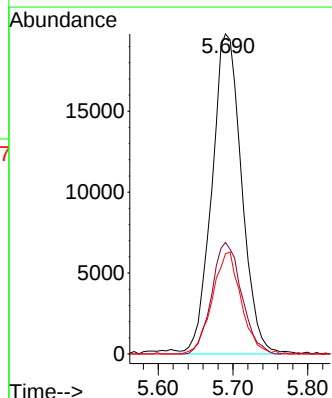
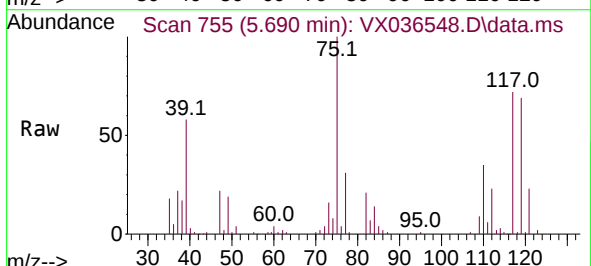
Tgt Ion: 75 Resp: 54703

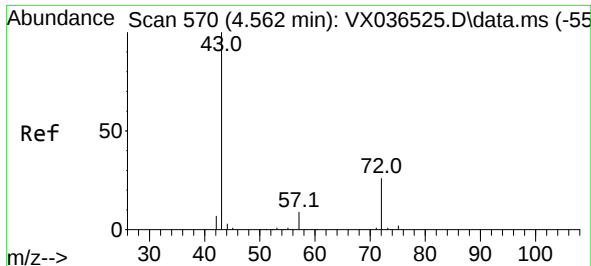
Ion Ratio Lower Upper

75 100

110 34.9 0.0 70.4

77 30.8 0.0 62.8

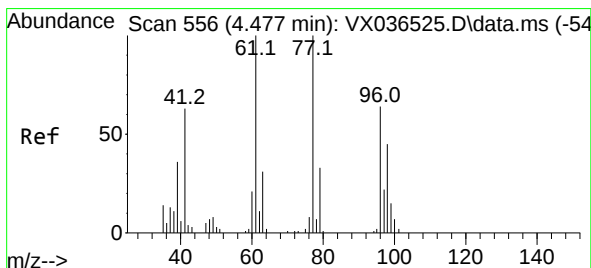
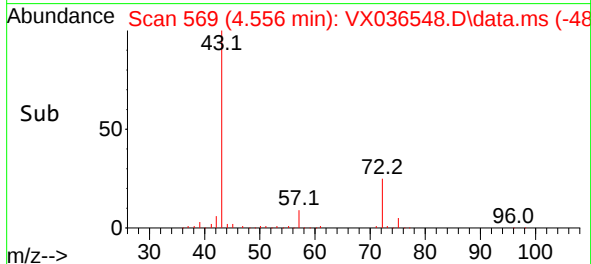
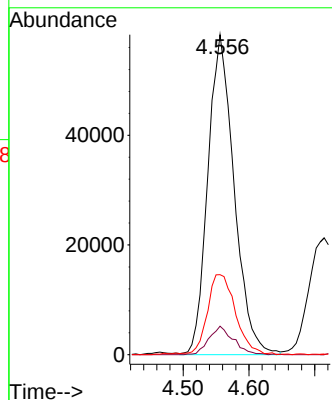
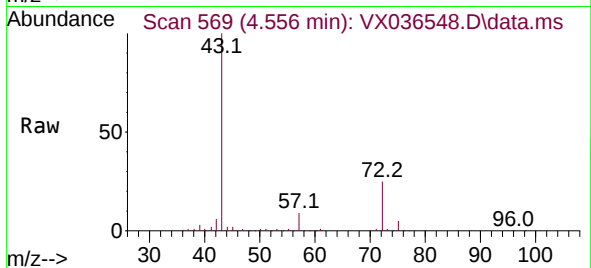




#30
2-Butanone
Concen: 92.246 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

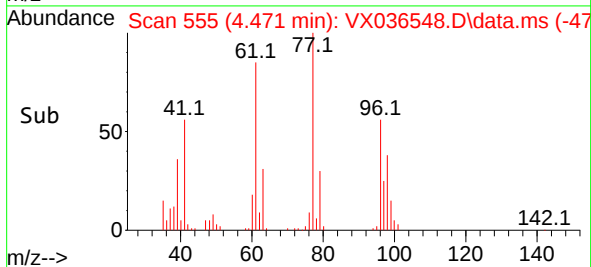
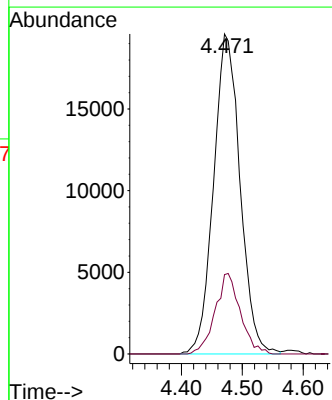
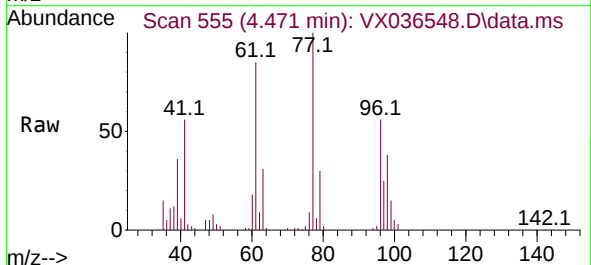
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

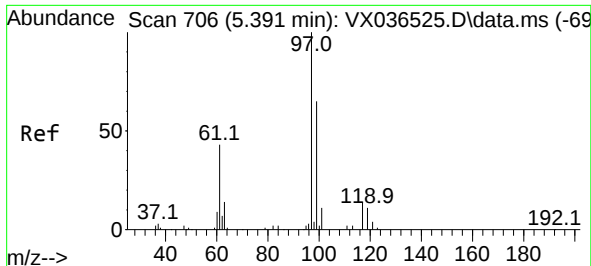
Tgt Ion: 43 Resp: 162315
Ion Ratio Lower Upper
43 100
57 8.2 6.4 9.6
72 26.6 21.6 32.4



#31
2,2-Dichloropropane
Concen: 19.319 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 77 Resp: 59206
Ion Ratio Lower Upper
77 100
97 23.9 18.6 27.8





#32

1,1,1-Trichloroethane

Concen: 18.876 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

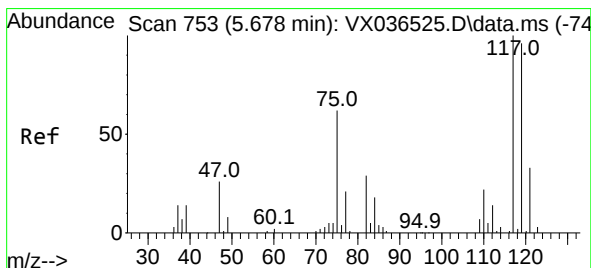
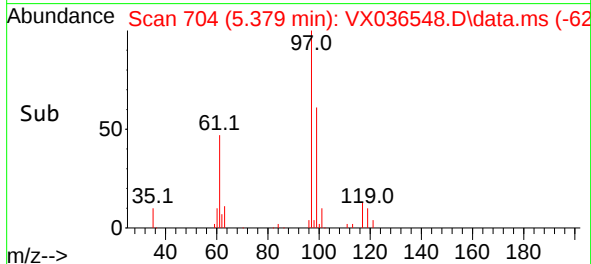
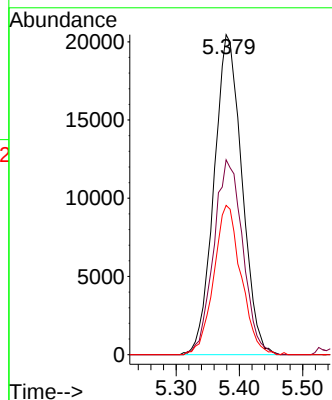
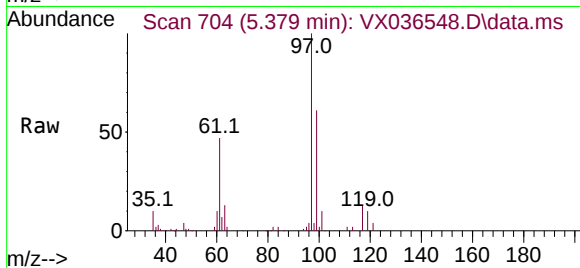
Tgt Ion: 97 Resp: 62682

Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 45.7 35.8 53.8



#33

Carbon Tetrachloride

Concen: 19.224 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

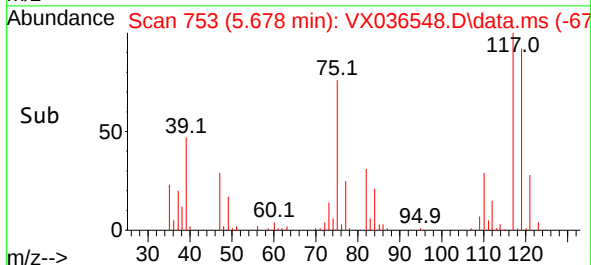
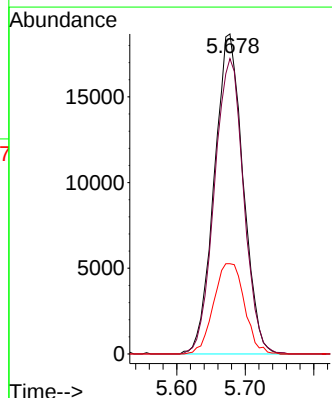
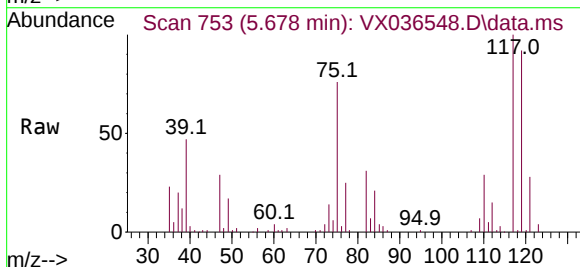
Tgt Ion: 117 Resp: 54463

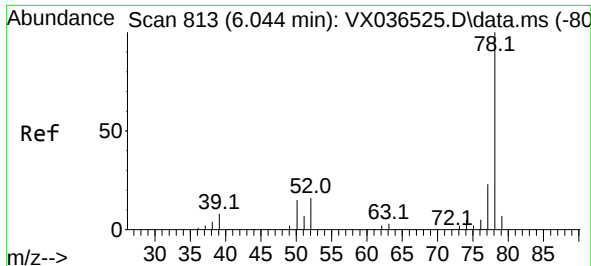
Ion Ratio Lower Upper

117 100

119 92.3 76.6 115.0

121 28.2 26.5 39.7





#34

Benzene

Concen: 19.624 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

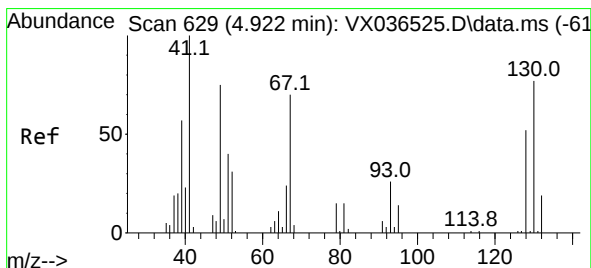
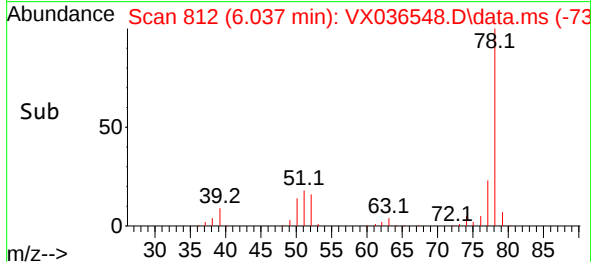
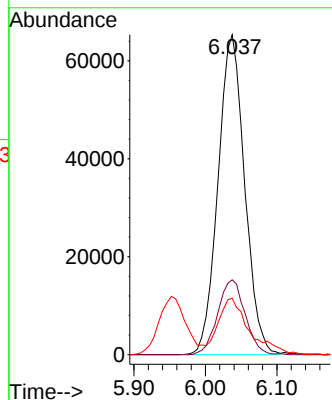
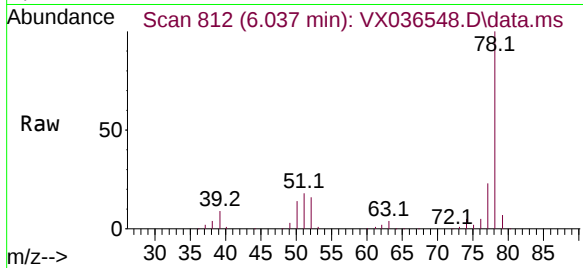
MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 78 Resp: 169046

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1
51	15.7	14.2	21.4



#35

Methacrylonitrile

Concen: 18.242 ug/l

RT: 4.916 min Scan# 628

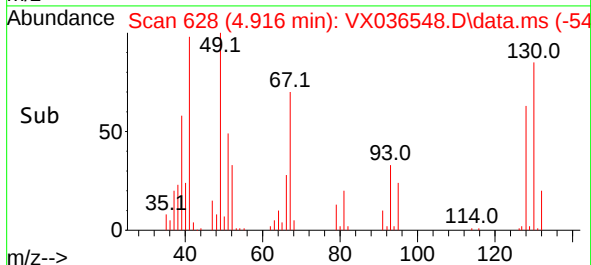
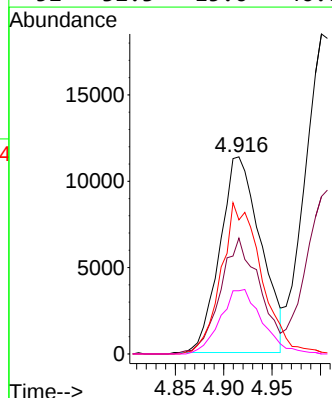
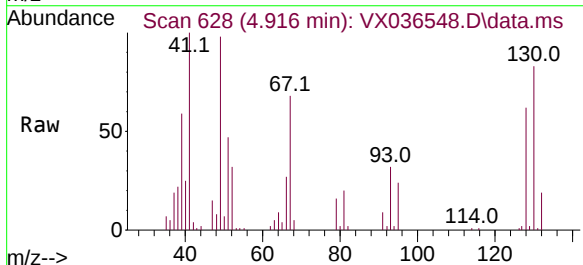
Delta R.T. -0.006 min

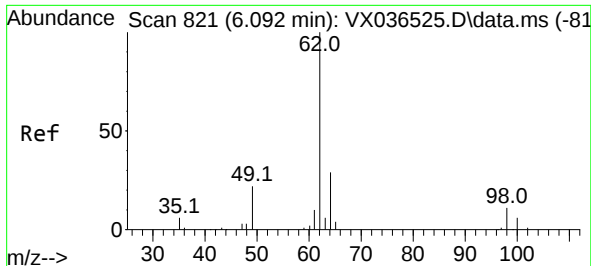
Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Tgt Ion: 41 Resp: 33304

Ion	Ratio	Lower	Upper
41	100		
39	58.4	28.2	84.7
67	68.5	35.0	105.1
52	32.3	15.6	46.7

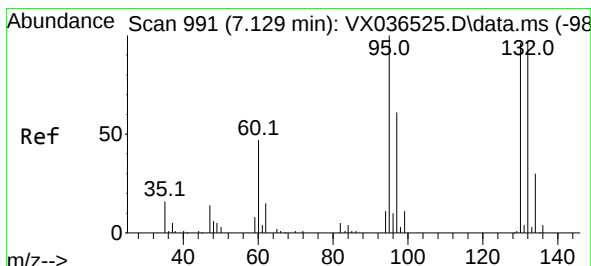
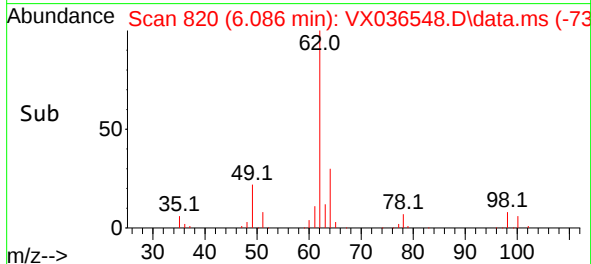
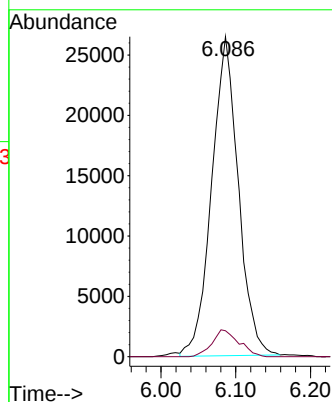
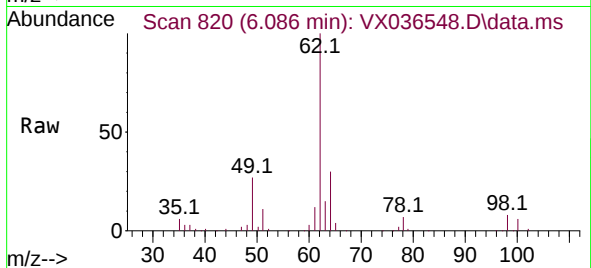




#36
1,2-Dichloroethane
Concen: 19.774 ug/l
RT: 6.086 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

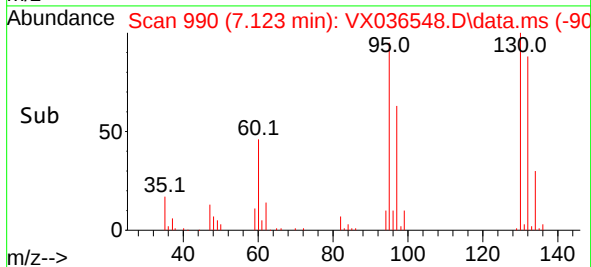
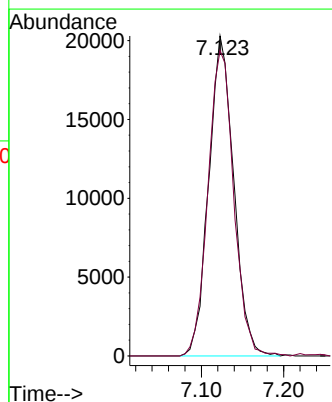
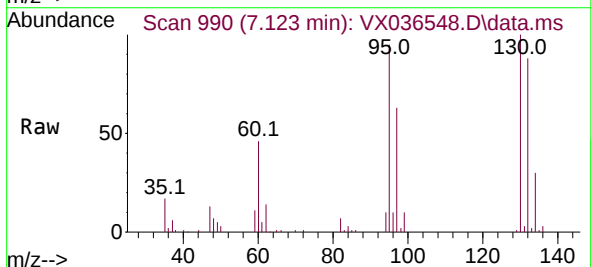
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

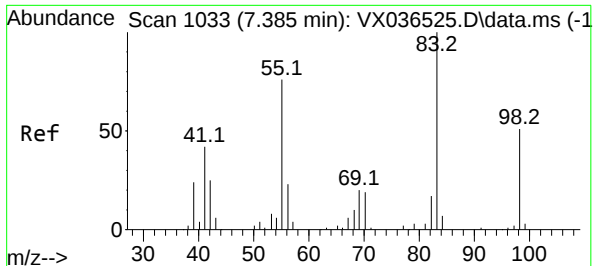
Tgt Ion: 62 Resp: 65403
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6



#37
Trichloroethene
Concen: 18.935 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion:130 Resp: 42928
Ion Ratio Lower Upper
130 100
95 95.5 83.2 124.8





#38

Methylcyclohexane

Concen: 19.060 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

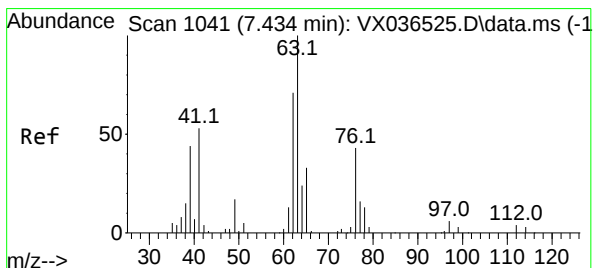
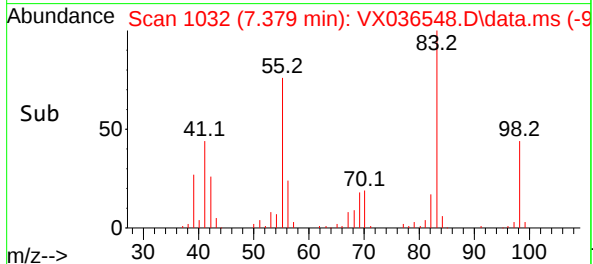
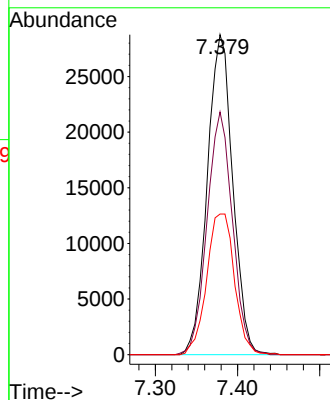
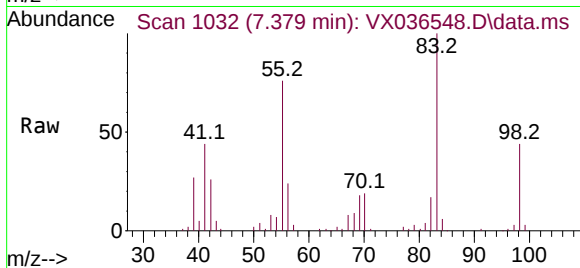
Tgt Ion: 83 Resp: 61967

Ion Ratio Lower Upper

83 100

55 75.5 38.1 114.5

98 48.0 24.4 73.4



#39

1,2-Dichloropropane

Concen: 19.666 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036548.D

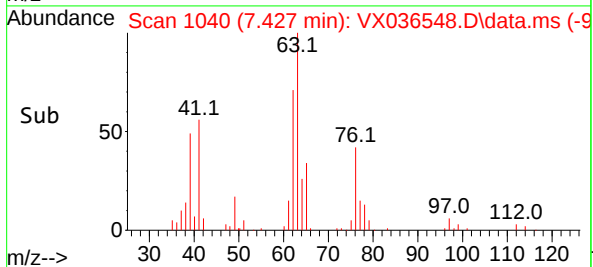
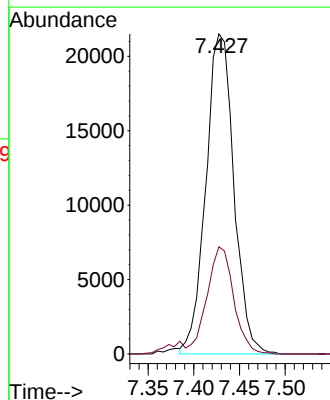
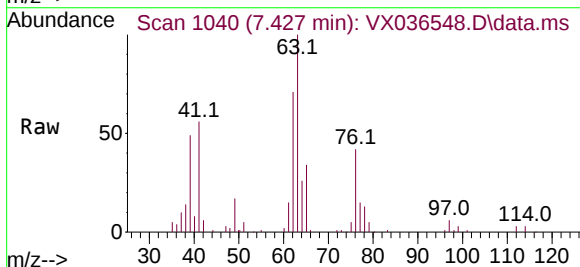
Acq: 14 Jul 2023 08:49

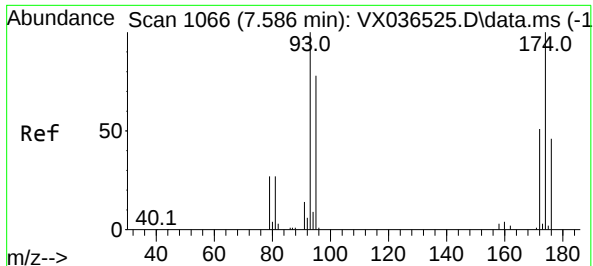
Tgt Ion: 63 Resp: 45919

Ion Ratio Lower Upper

63 100

65 33.5 26.4 39.6

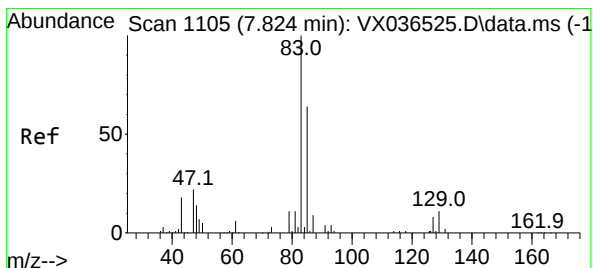
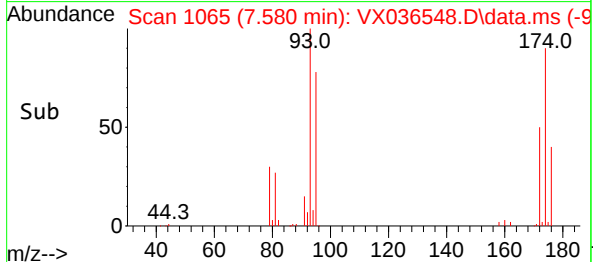
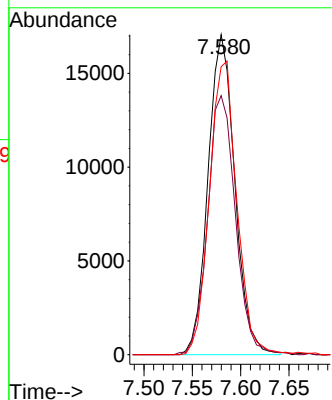
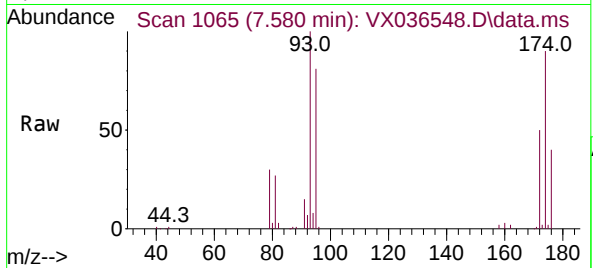




#40
Dibromomethane
Concen: 19.452 ug/l
RT: 7.580 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

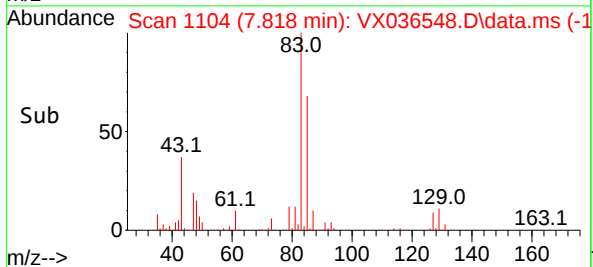
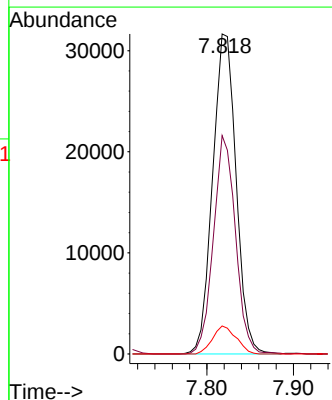
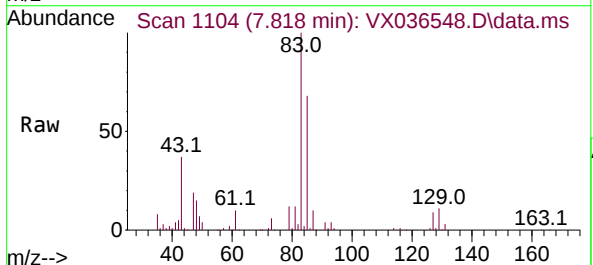
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

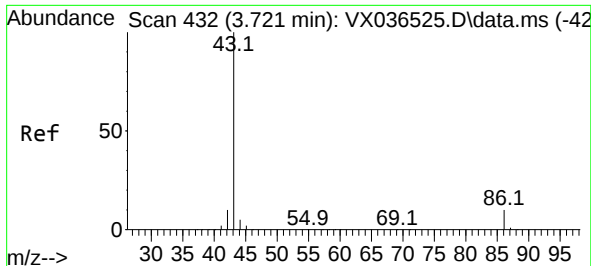
Tgt Ion: 93	Resp:	32899	
Ion	Ratio	Lower	Upper
93	100		
95	83.9	0.0	166.8
174	93.6	0.0	191.6



#41
Bromodichloromethane
Concen: 19.420 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 83	Resp: 59609
Ion Ratio	Lower Upper
83 100	
85 68.3	51.5 77.3
127 8.8	6.4 9.6

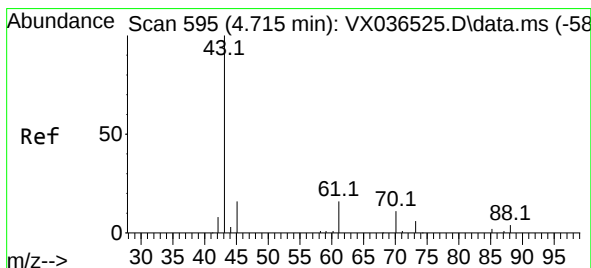
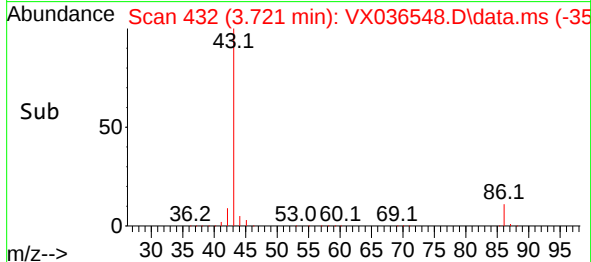
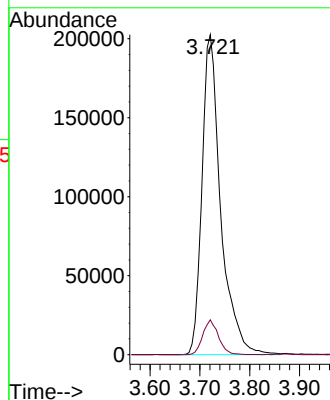
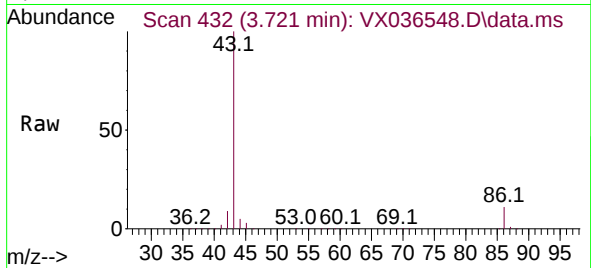




#42
 Vinyl Acetate
 Concen: 99.404 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

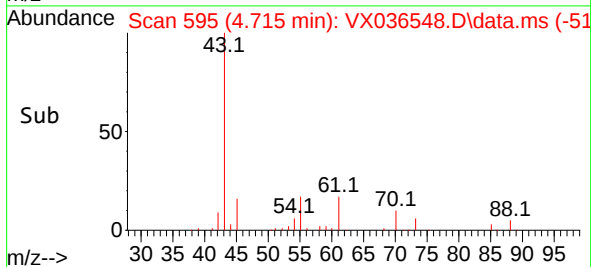
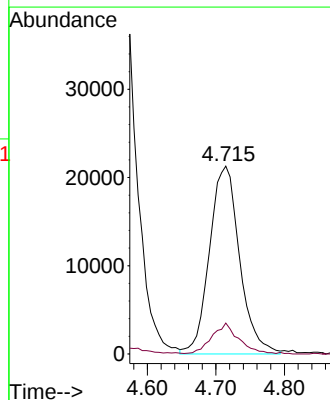
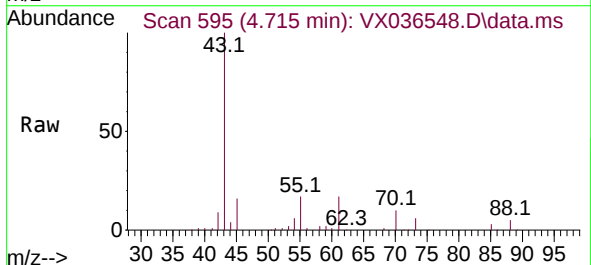
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

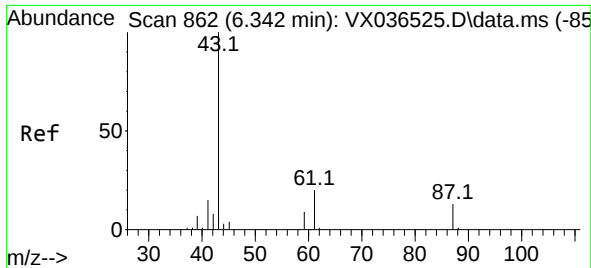
Tgt Ion: 43 Resp: 528320
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0



#43
 Ethyl Acetate
 Concen: 18.993 ug/l
 RT: 4.715 min Scan# 595
 Delta R.T. -0.000 min
 Lab File: VX036548.D
 Acq: 14 Jul 2023 08:49

Tgt Ion: 43 Resp: 65053
 Ion Ratio Lower Upper
 43 100
 45 14.1 12.6 18.8





#44

Isopropyl Acetate

Concen: 19.209 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

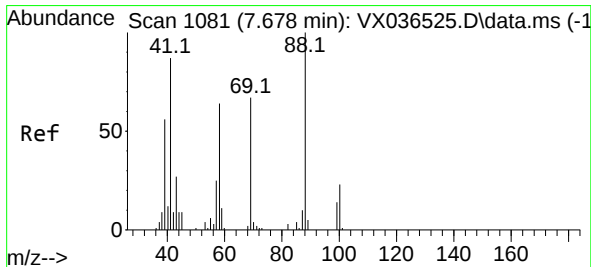
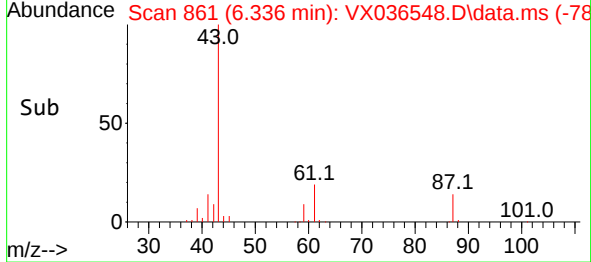
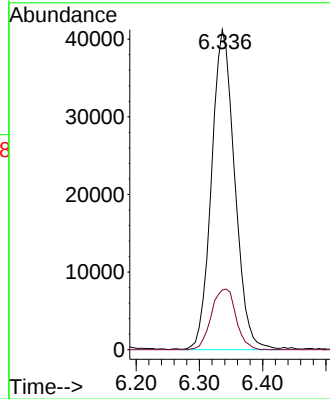
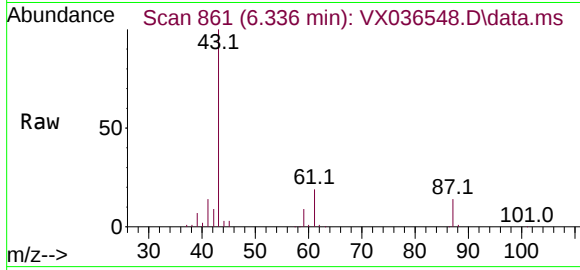
VSTDCCC020

Tgt Ion: 43 Resp: 104922

Ion Ratio Lower Upper

43 100

61 20.1 15.4 23.0



#45

1,4-Dioxane

Concen: 356.603 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

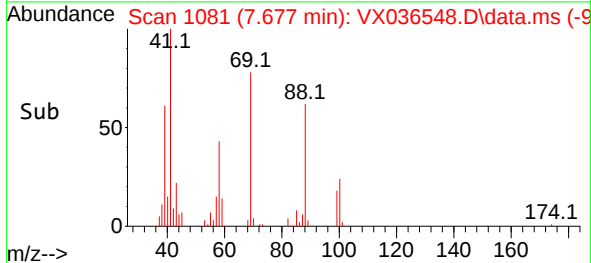
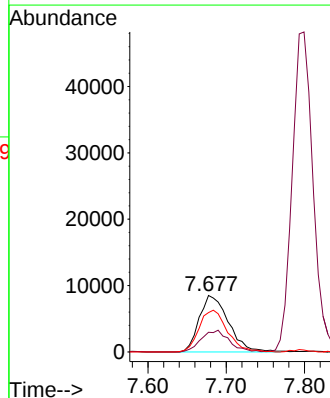
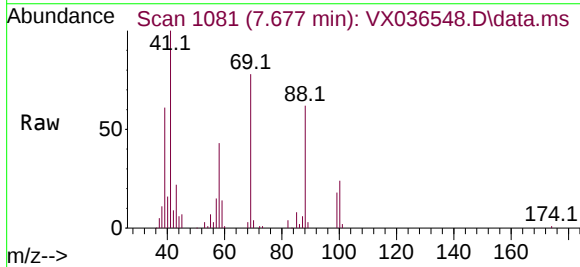
Tgt Ion: 88 Resp: 22110

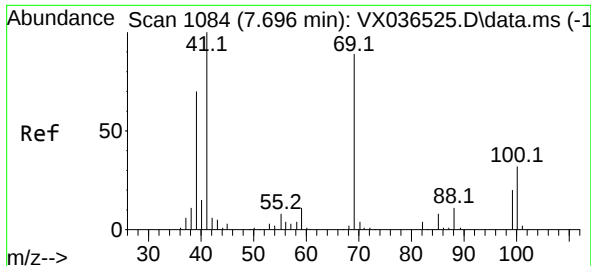
Ion Ratio Lower Upper

88 100

43 36.8 297.5 446.3#

58 71.1 1.0 1.4#

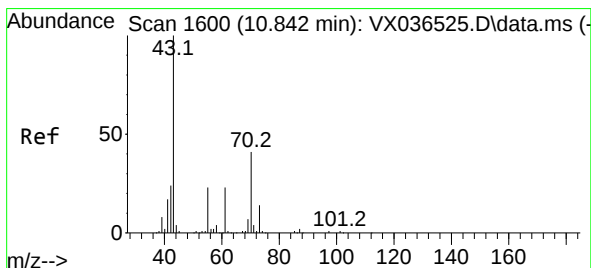
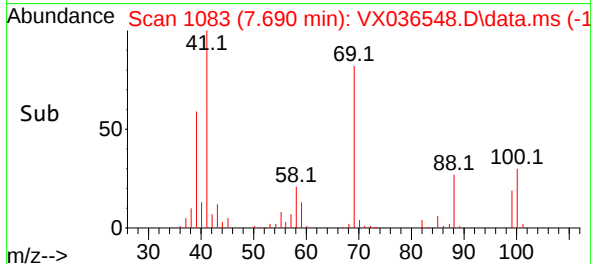
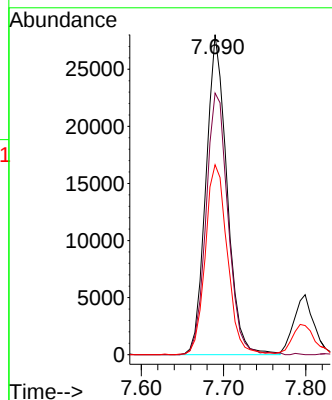
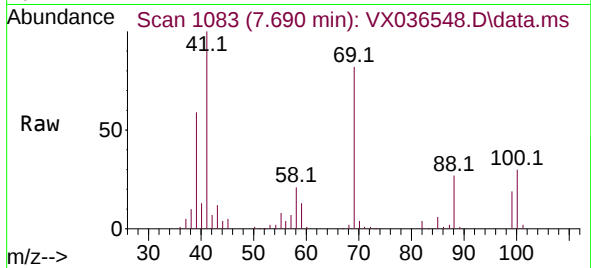




#46
Methyl methacrylate
Concen: 19.128 ug/l
RT: 7.690 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

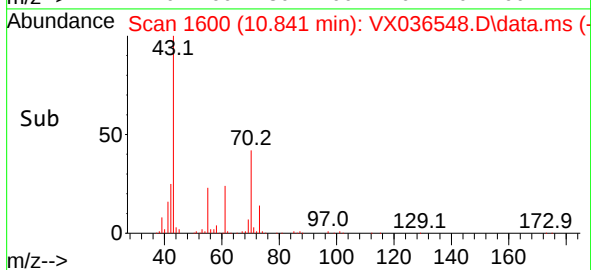
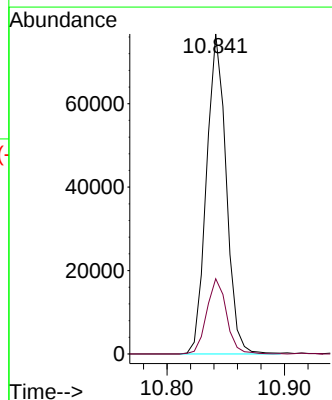
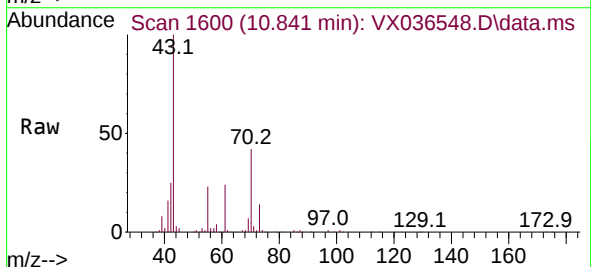
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

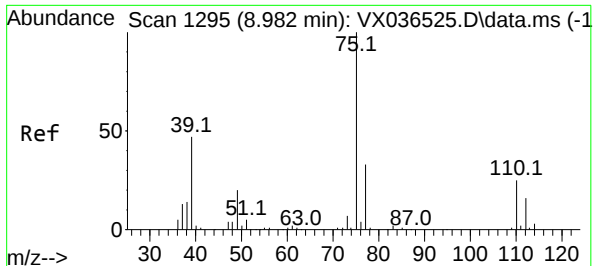
Tgt Ion: 41 Resp: 49935
Ion Ratio Lower Upper
41 100
69 81.8 44.4 133.1
39 59.1 34.9 104.7



#47
n-amy1 Acetate
Concen: 19.293 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 43 Resp: 89383
Ion Ratio Lower Upper
43 100
55 23.6 18.6 28.0





#48

t-1,3-Dichloropropene

Concen: 19.530 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

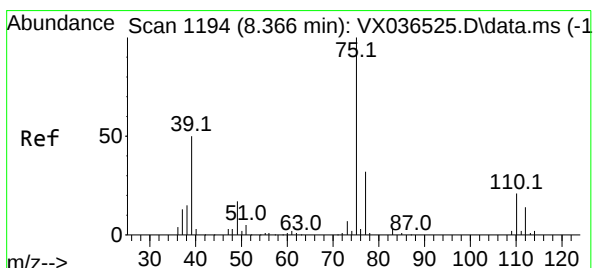
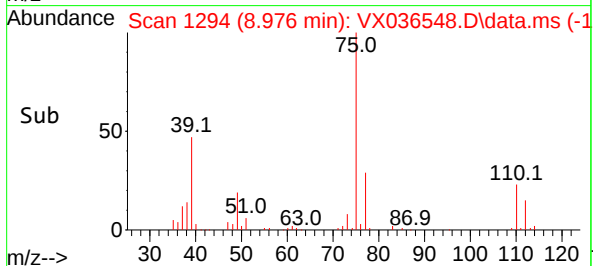
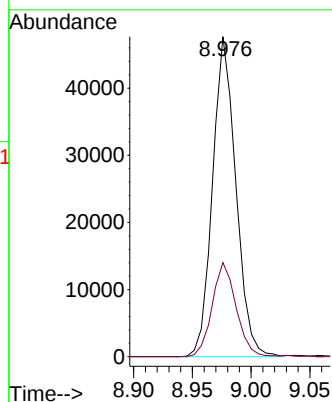
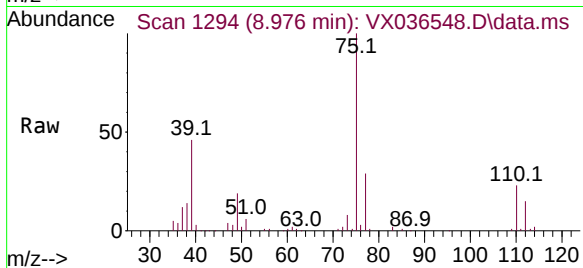
VSTDCCC020

Tgt Ion: 75 Resp: 65752

Ion Ratio Lower Upper

75 100

77 29.4 26.8 40.2



#49

cis-1,3-Dichloropropene

Concen: 19.633 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

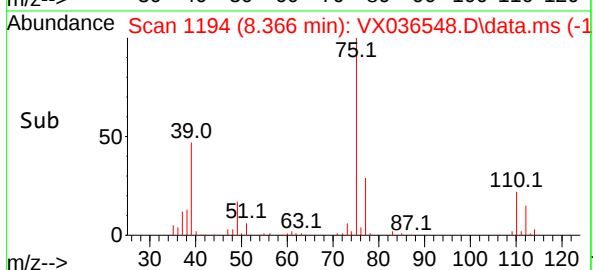
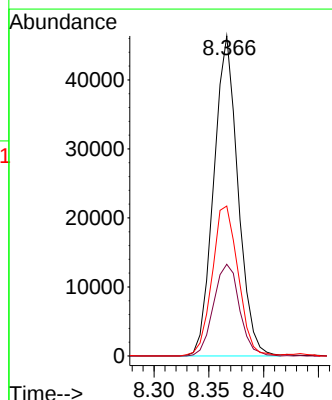
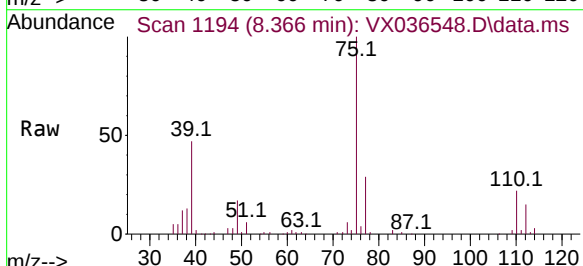
Tgt Ion: 75 Resp: 71401

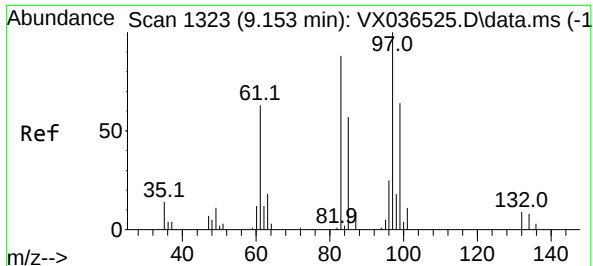
Ion Ratio Lower Upper

75 100

77 28.6 25.4 38.2

39 46.9 40.2 60.4





#50

1,1,2-Trichloroethane

Concen: 20.313 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 97 Resp: 46637

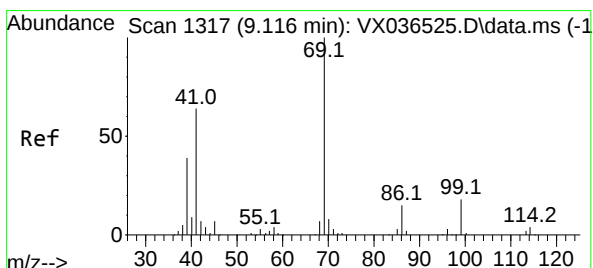
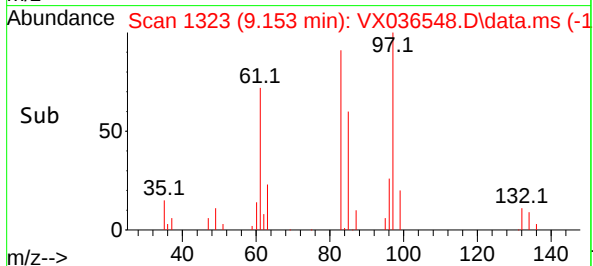
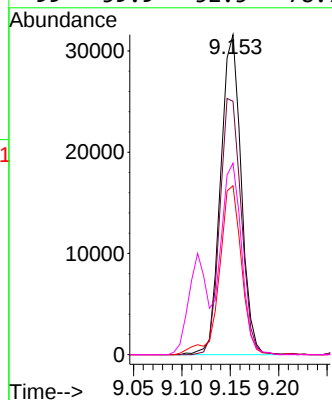
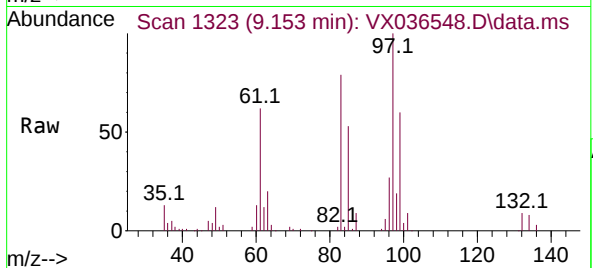
Ion Ratio Lower Upper

97 100

83 79.2 70.0 105.0

85 52.8 46.1 69.1

99 59.9 52.5 78.7



#51

Ethyl methacrylate

Concen: 19.490 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

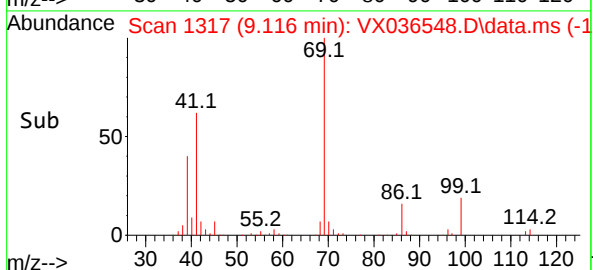
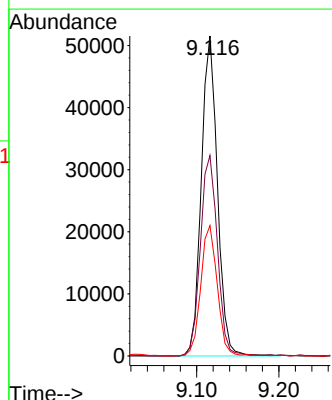
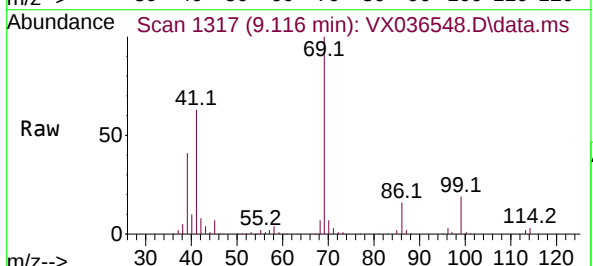
Tgt Ion: 69 Resp: 70251

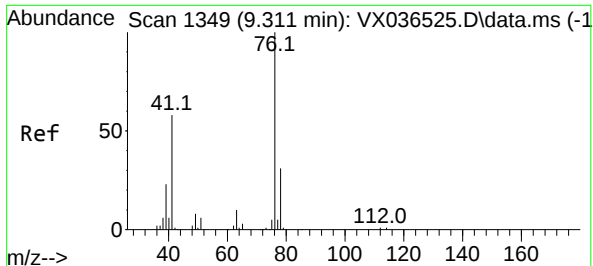
Ion Ratio Lower Upper

69 100

41 62.6 32.0 96.0

39 40.6 19.4 58.4





#52

1,3-Dichloropropane

Concen: 19.926 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

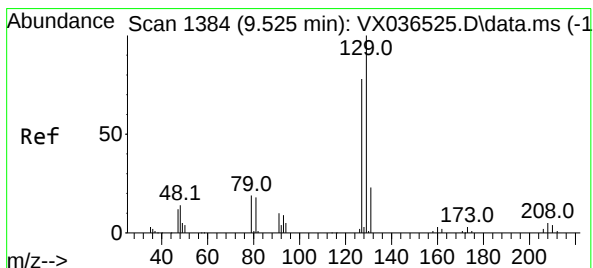
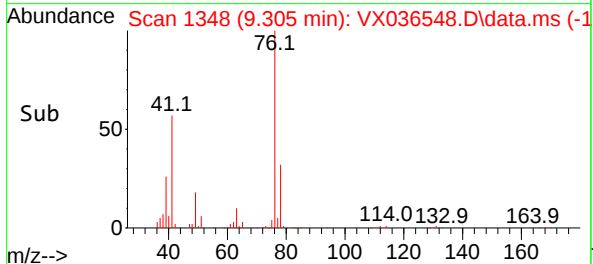
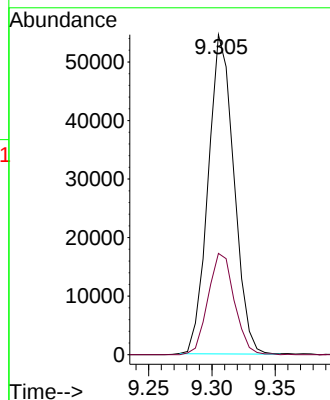
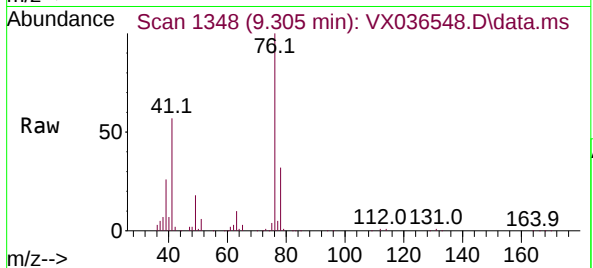
VSTDCCC020

Tgt Ion: 76 Resp: 77205

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6



#53

Dibromochloromethane

Concen: 19.484 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX036548.D

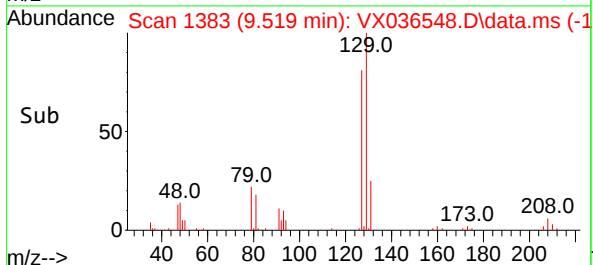
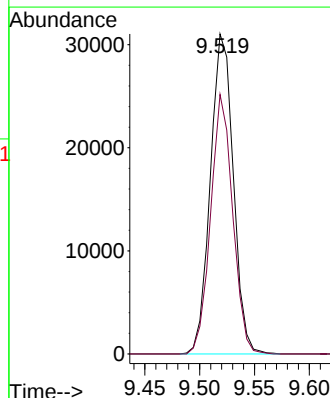
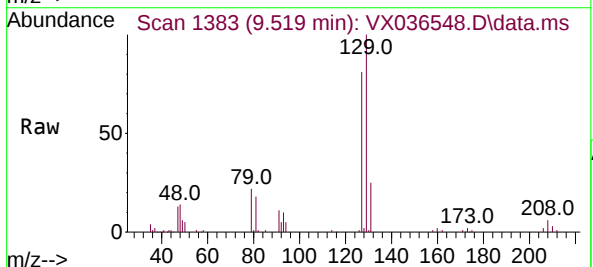
Acq: 14 Jul 2023 08:49

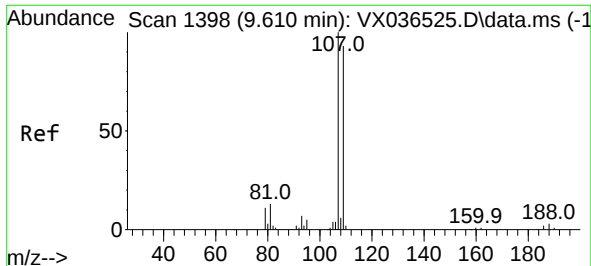
Tgt Ion: 129 Resp: 45152

Ion Ratio Lower Upper

129 100

127 77.9 38.6 115.8

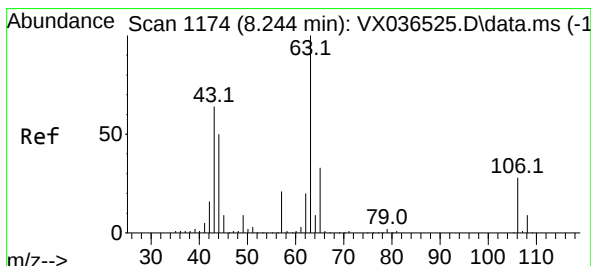
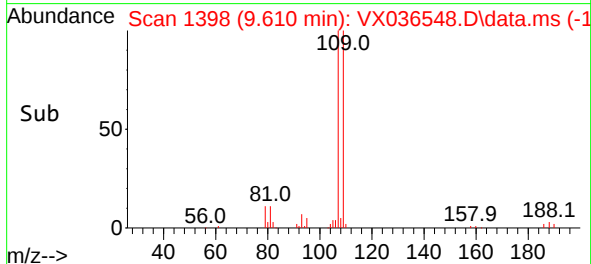
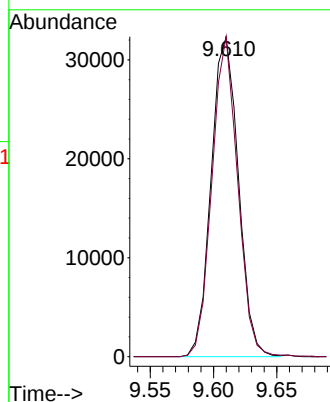
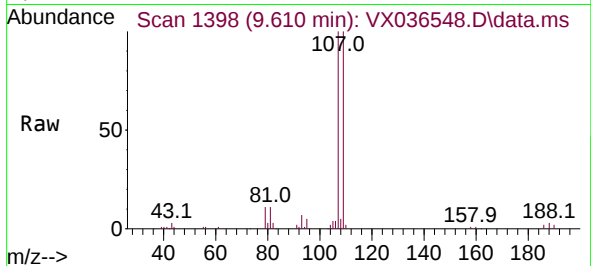




#54
1,2-Dibromoethane
Concen: 20.025 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

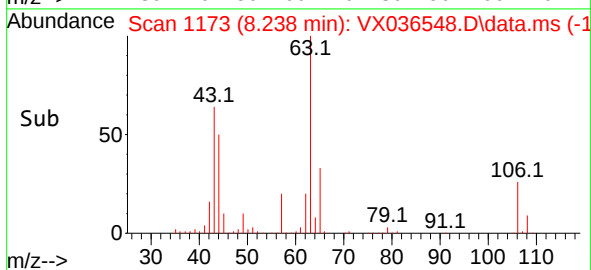
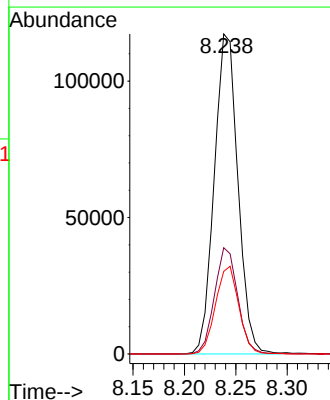
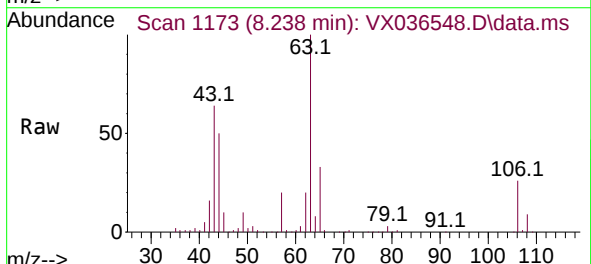
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

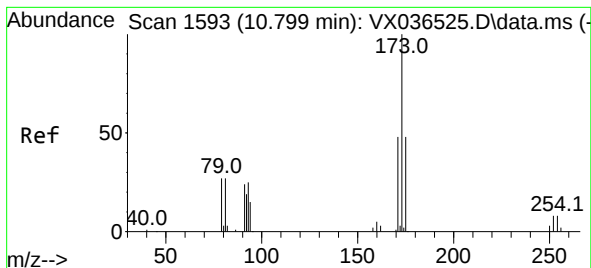
Tgt Ion:107 Resp: 48297
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 96.635 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 63 Resp: 187335
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 27.1 21.8 32.8





#56

Bromoform

Concen: 18.865 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

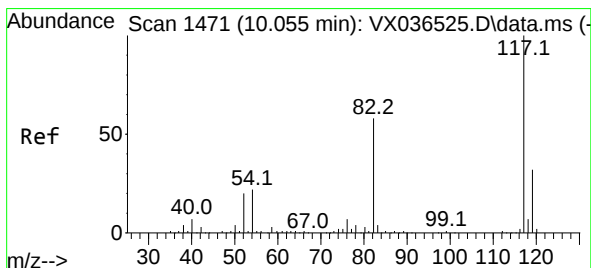
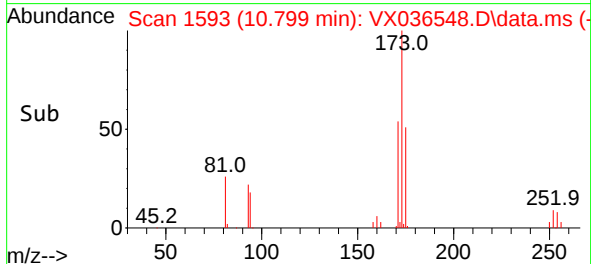
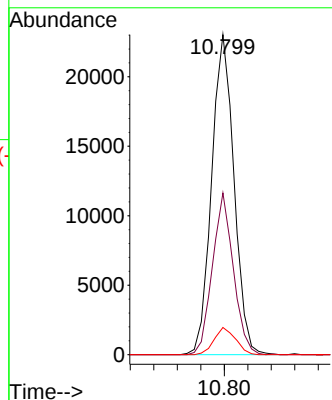
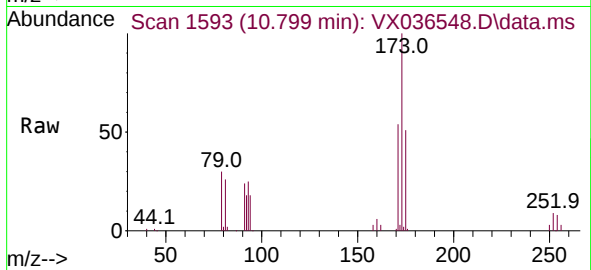
Tgt Ion:173 Resp: 30416

Ion Ratio Lower Upper

173 100

175 47.4 38.1 57.1

254 8.2 6.7 10.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

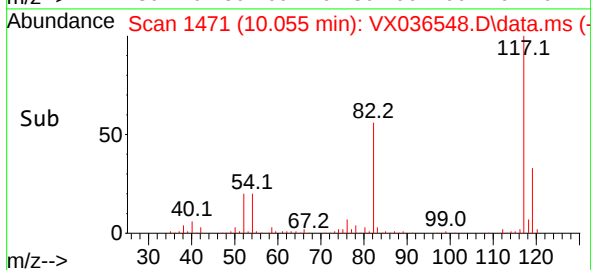
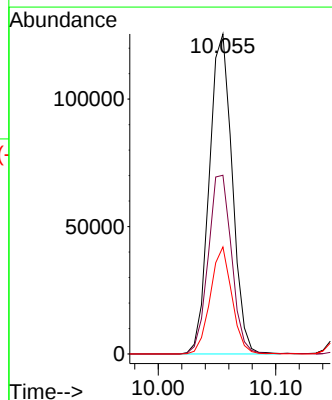
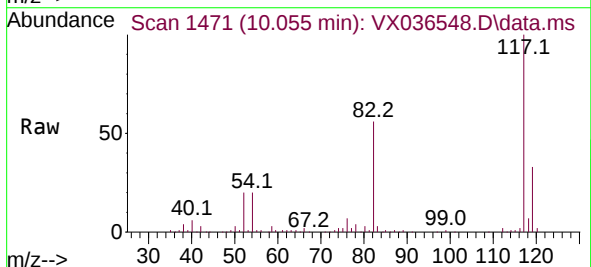
Tgt Ion:117 Resp: 170364

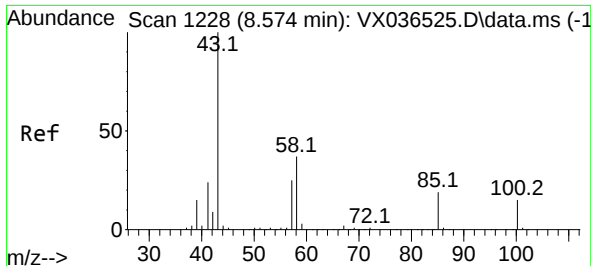
Ion Ratio Lower Upper

117 100

82 57.0 44.7 67.1

119 31.5 25.6 38.4

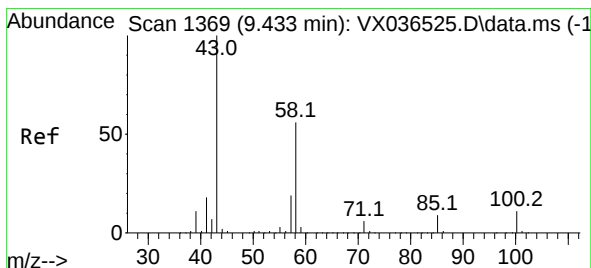
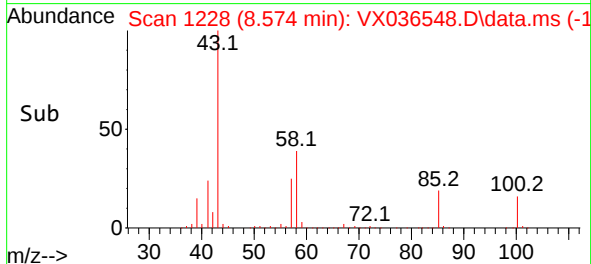
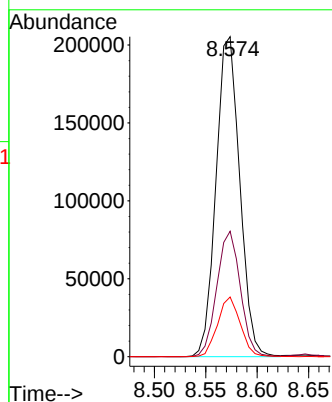
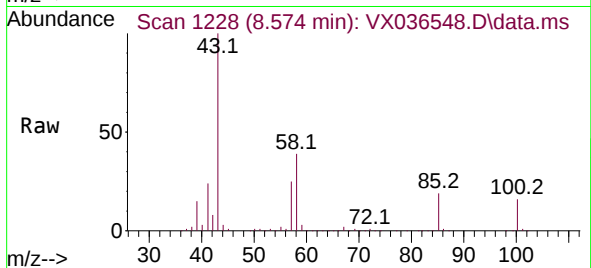




#58
4-Methyl-2-Pentanone
Concen: 93.543 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

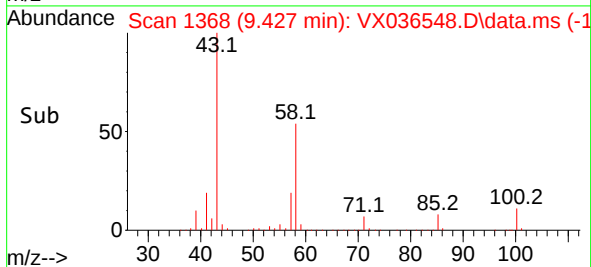
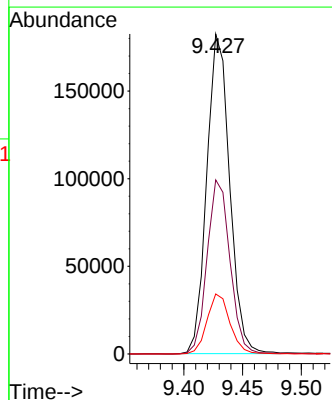
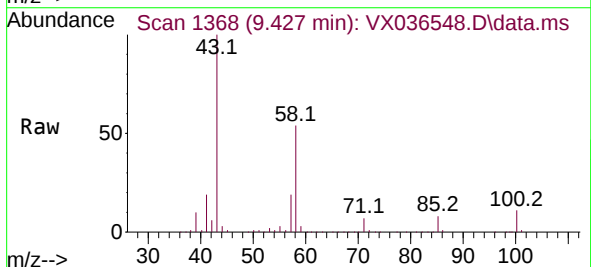
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

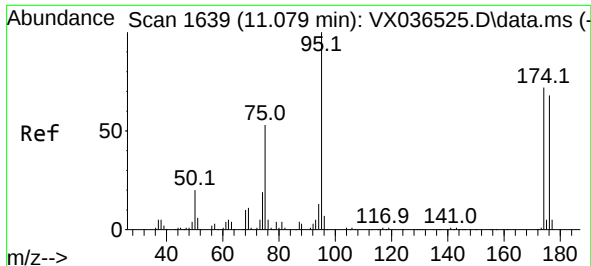
Tgt Ion: 43 Resp: 329543
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3
85 17.9 14.4 21.6



#59
2-Hexanone
Concen: 92.007 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 43 Resp: 246586
Ion Ratio Lower Upper
43 100
58 54.6 43.4 65.2
57 18.9 15.1 22.7

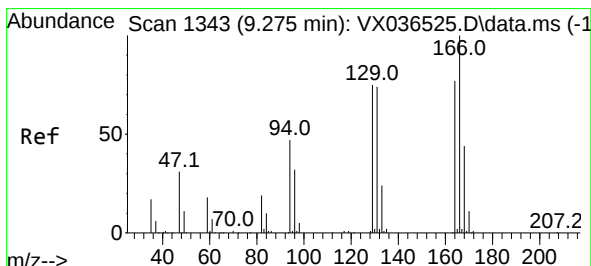
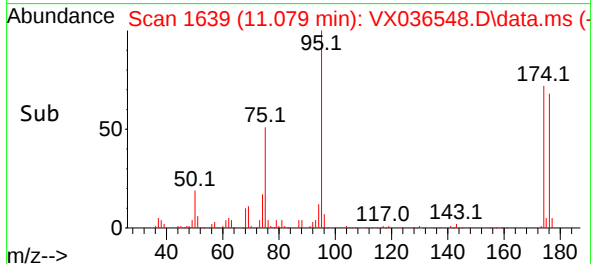
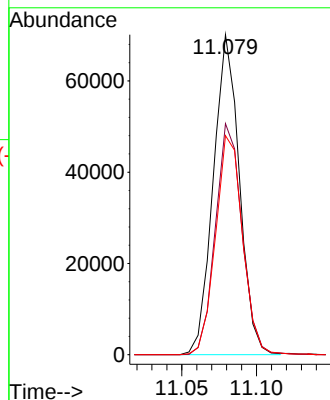
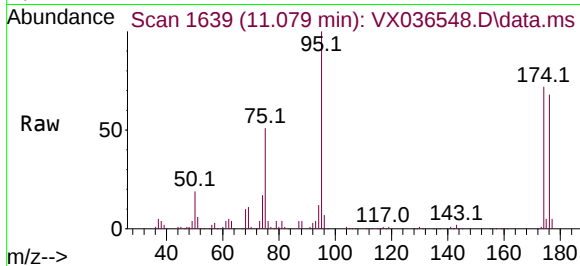




#60
4-Bromofluorobenzene
Concen: 30.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

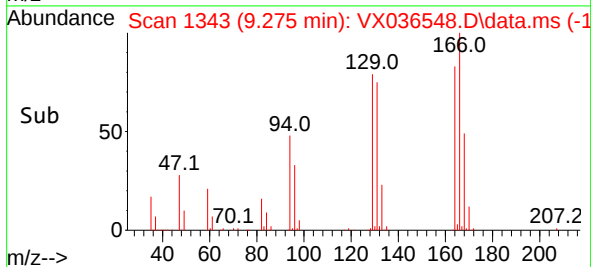
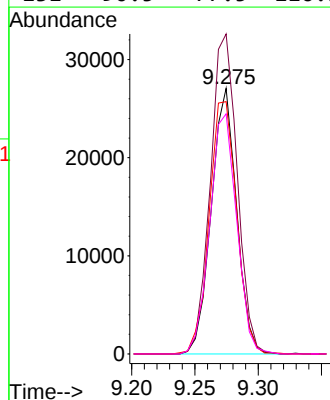
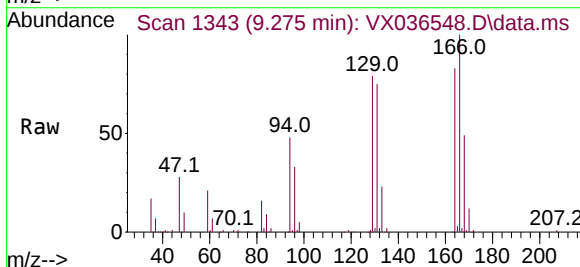
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

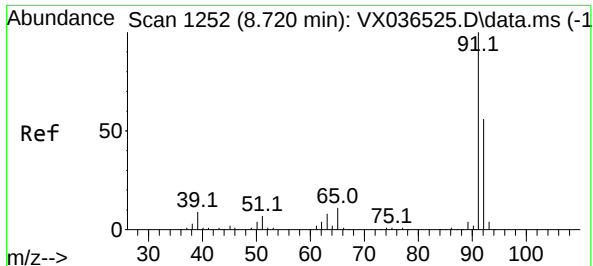
Tgt Ion: 95 Resp: 85126
Ion Ratio Lower Upper
95 100
174 73.5 60.5 90.7
176 71.1 58.2 87.4



#61
Tetrachloroethene
Concen: 18.460 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 164 Resp: 37667
Ion Ratio Lower Upper
164 100
166 120.5 104.5 156.7
129 94.7 78.0 117.0
131 90.5 77.5 116.3

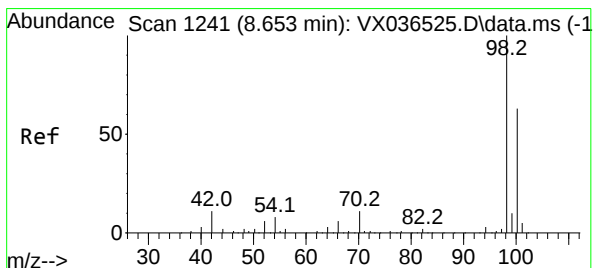
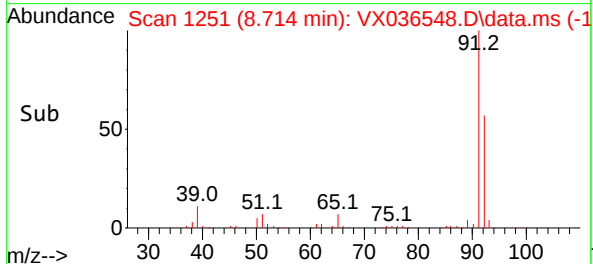
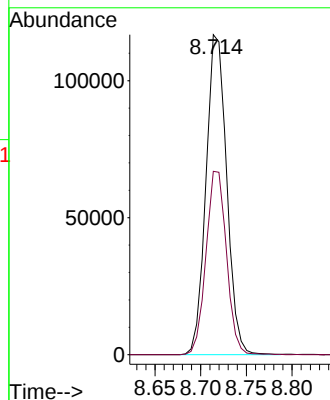
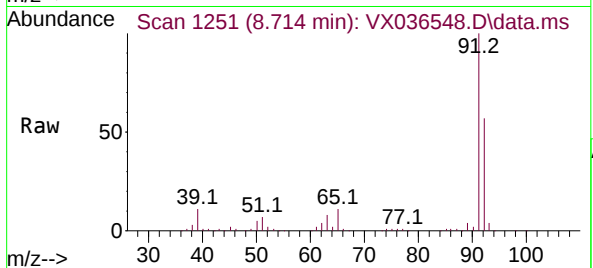




#62
Toluene
Concen: 19.198 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

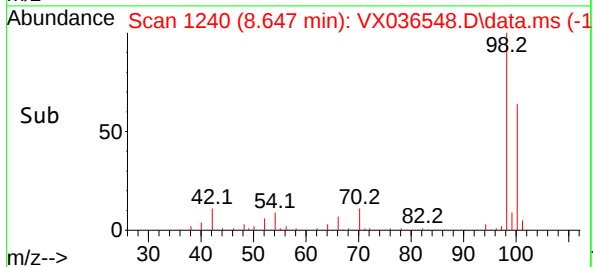
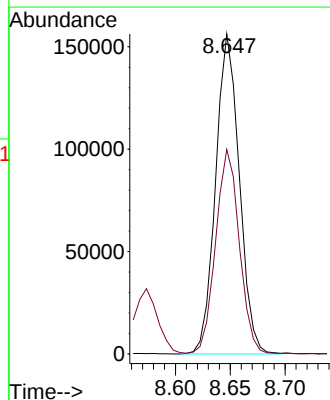
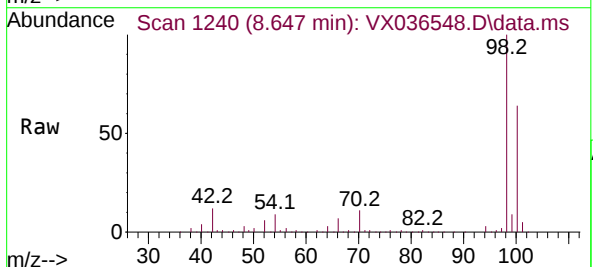
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

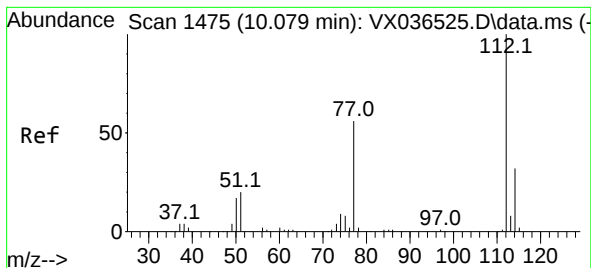
Tgt Ion: 91 Resp: 183506
Ion Ratio Lower Upper
91 100
92 56.7 44.9 67.3



#63
Toluene-d8
Concen: 29.941 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 98 Resp: 234722
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

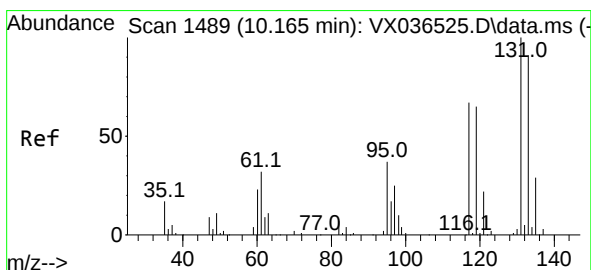
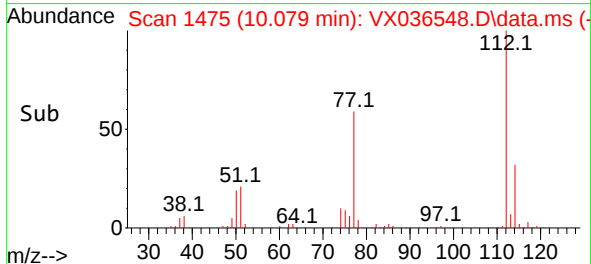
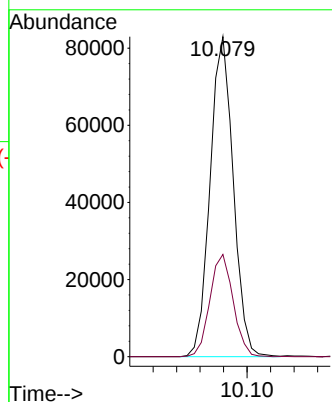
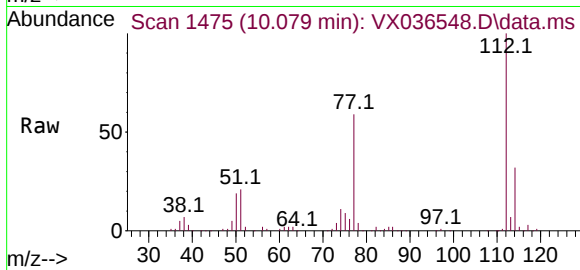




#64
Chlorobenzene
Concen: 19.120 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

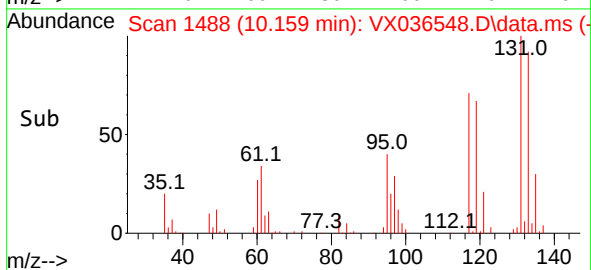
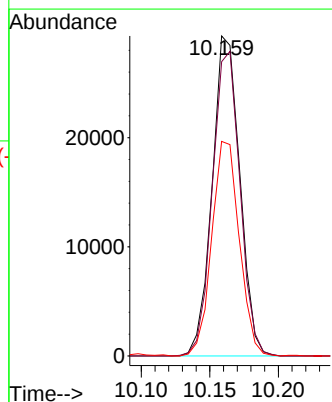
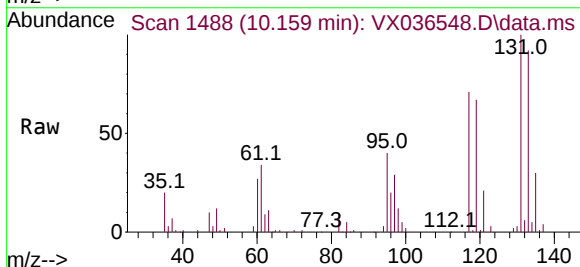
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

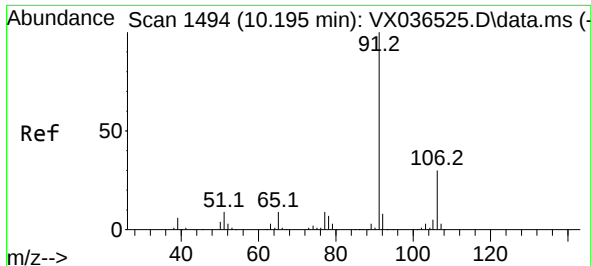
Tgt Ion:112 Resp: 113781
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 19.174 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion:131 Resp: 41209
Ion Ratio Lower Upper
131 100
133 94.8 0.0 192.0
119 66.6 0.0 132.8

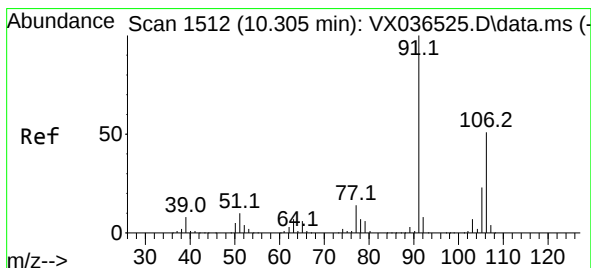
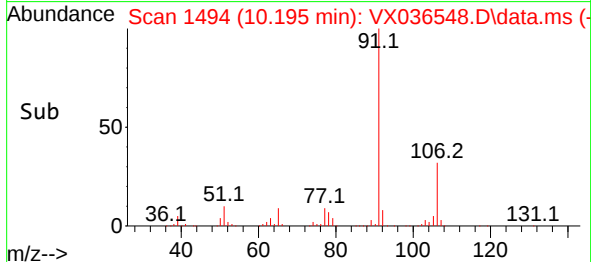
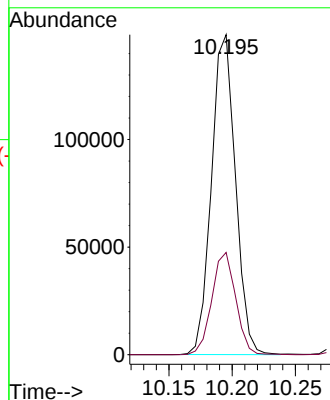
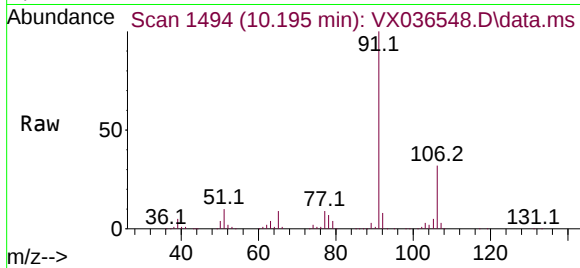




#66
Ethyl Benzene
Concen: 18.897 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

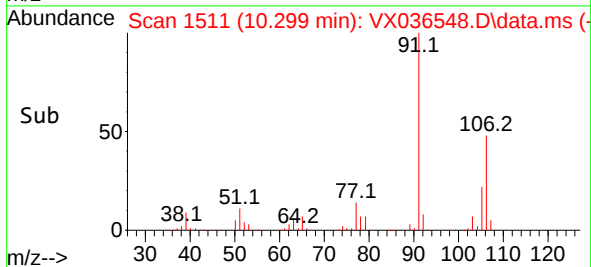
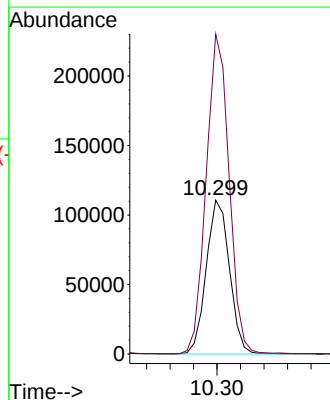
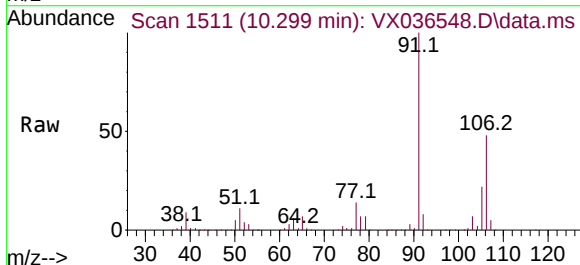
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

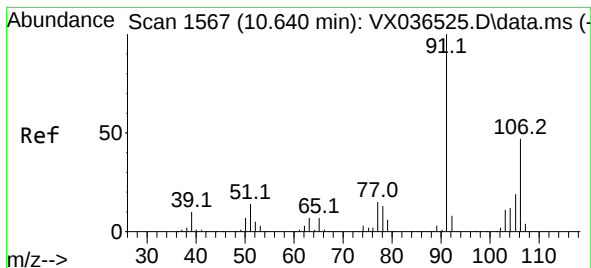
Tgt Ion: 91 Resp: 196315
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4



#67
m/p-Xylenes
Concen: 37.499 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 106 Resp: 151871
Ion Ratio Lower Upper
106 100
91 205.2 160.5 240.7





#68

o-Xylene

Concen: 18.968 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

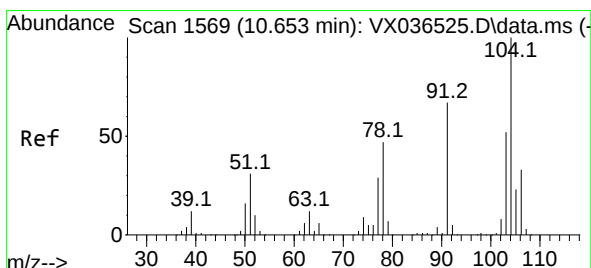
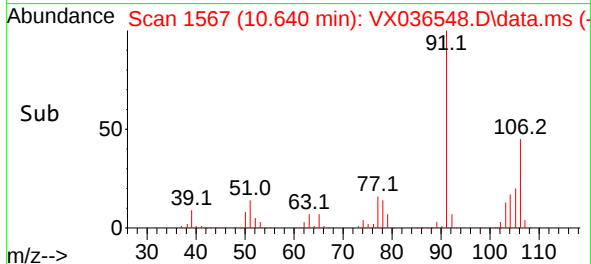
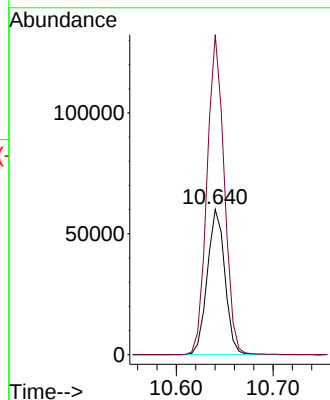
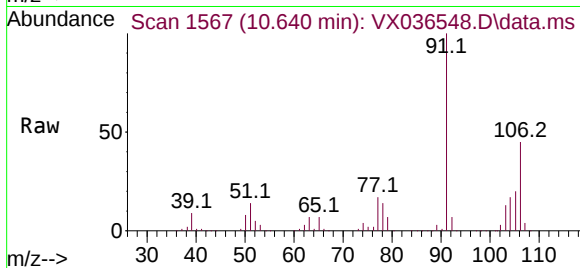
VSTDCCC020

Tgt Ion:106 Resp: 76242

Ion Ratio Lower Upper

106 100

91 215.2 105.4 316.1



#69

Styrene

Concen: 19.375 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

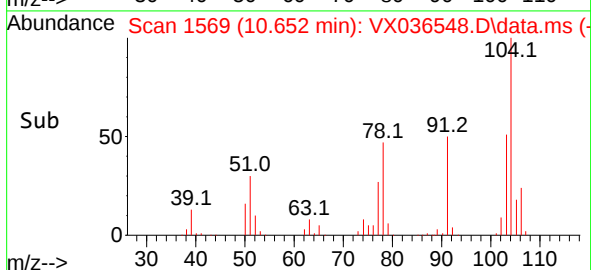
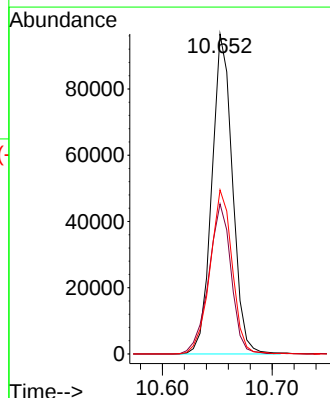
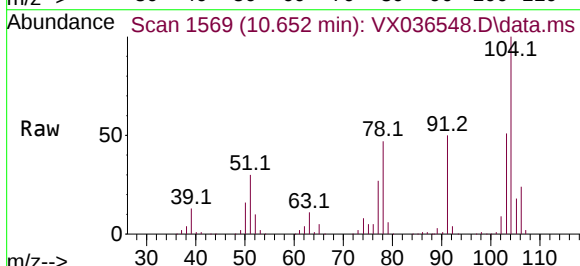
Tgt Ion:104 Resp: 126267

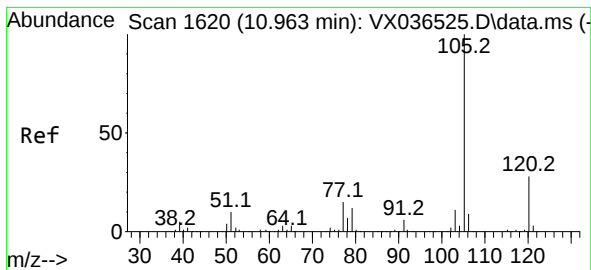
Ion Ratio Lower Upper

104 100

78 51.0 41.0 61.4

103 55.1 45.5 68.3





#70

Isopropylbenzene

Concen: 19.058 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

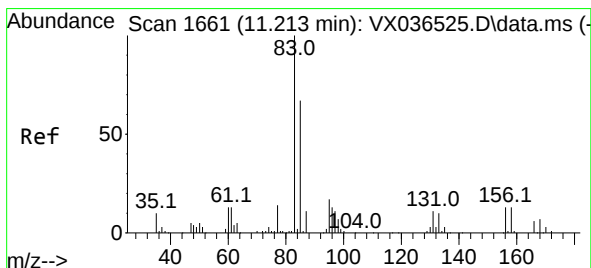
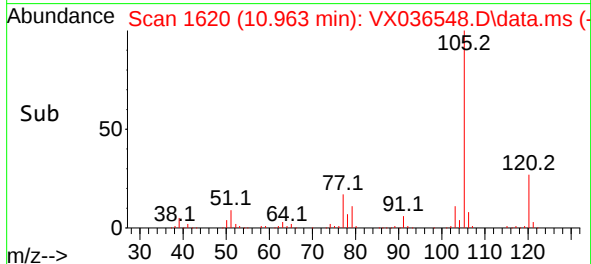
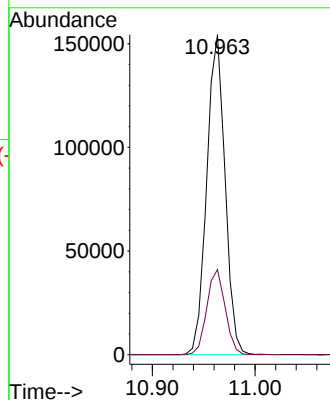
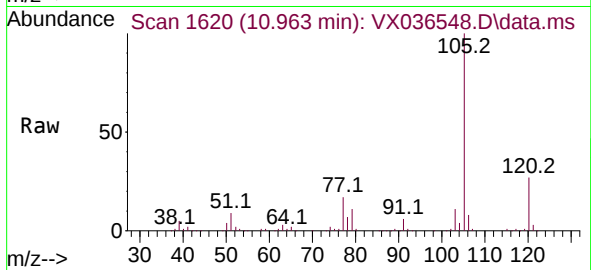
VSTDCCC020

Tgt Ion:105 Resp: 190788

Ion Ratio Lower Upper

105 100

120 26.7 19.5 36.3



#71

1,1,2,2-Tetrachloroethane

Concen: 19.101 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

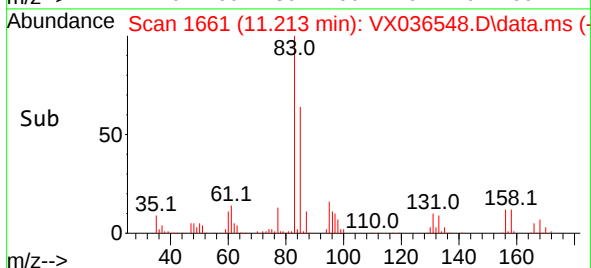
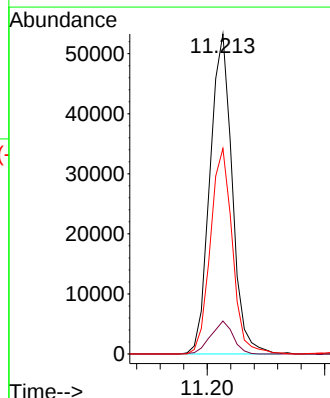
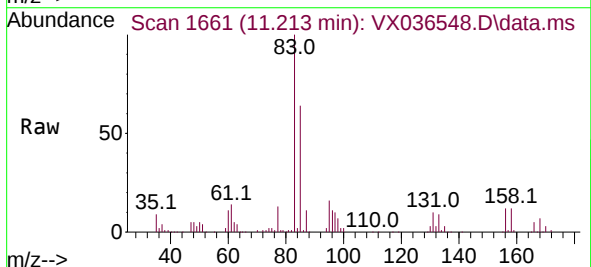
Tgt Ion: 83 Resp: 69794

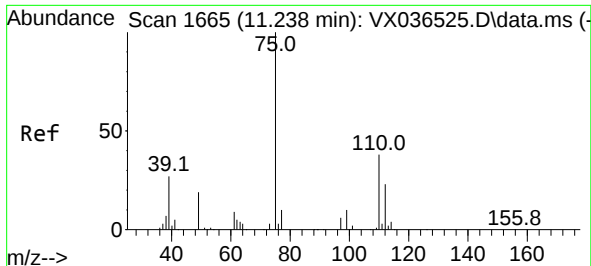
Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

85 63.6 32.4 97.0

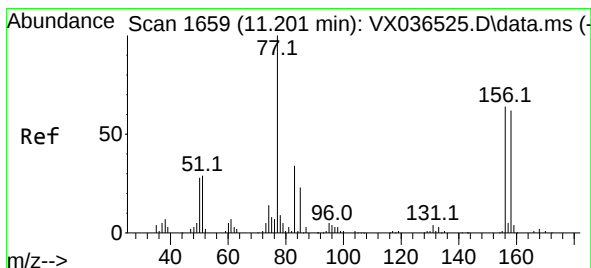
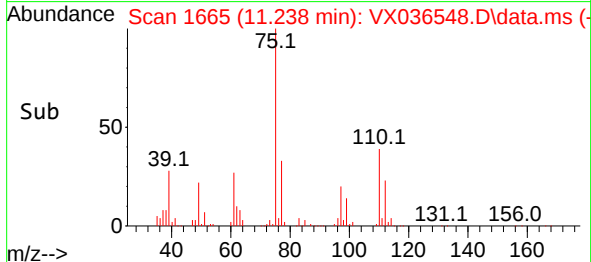
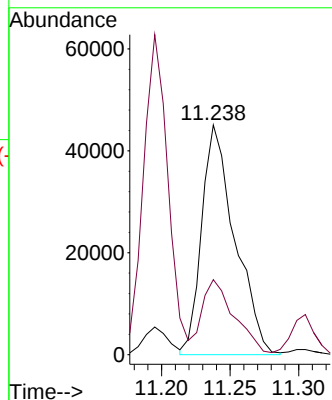
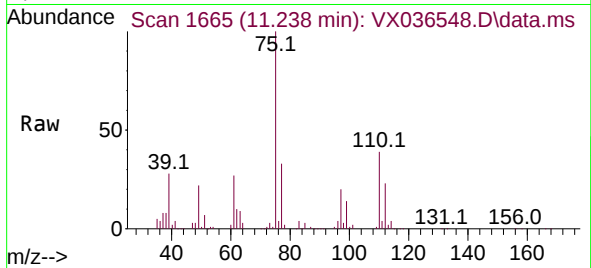




#72
1,2,3-Trichloropropane
Concen: 22.459 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

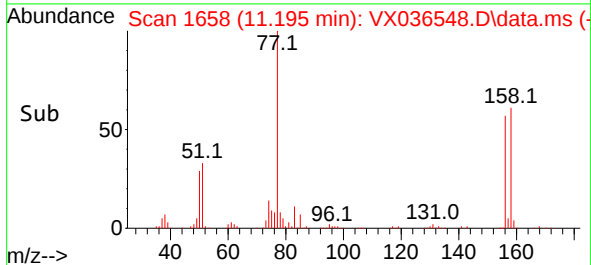
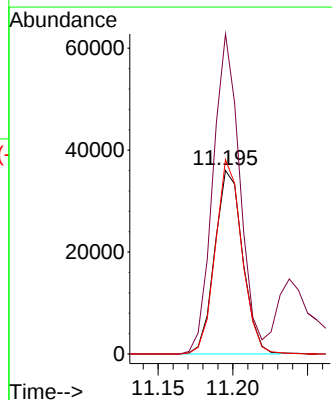
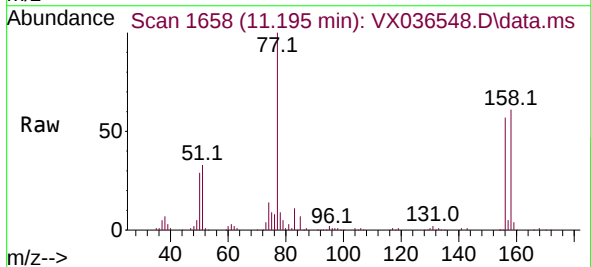
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

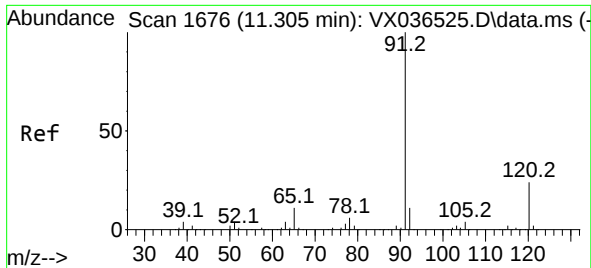
Tgt Ion: 75 Resp: 76043
Ion Ratio Lower Upper
75 100
77 32.2 0.0 77.2



#73
Bromobenzene
Concen: 18.865 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion:156 Resp: 46684
Ion Ratio Lower Upper
156 100
77 168.0 0.0 333.0
158 100.7 0.0 196.4

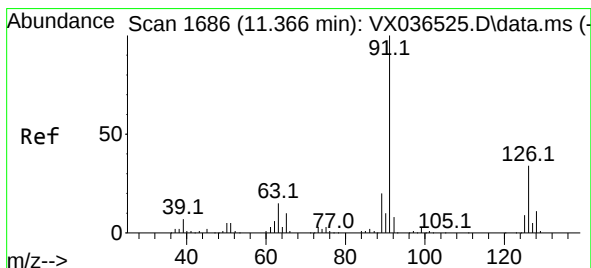
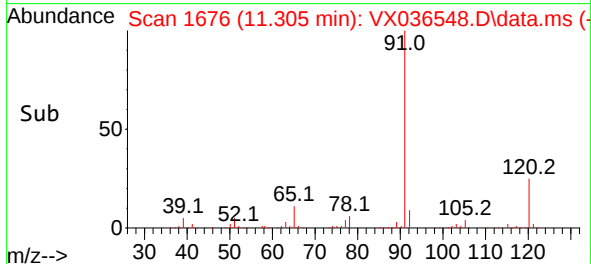
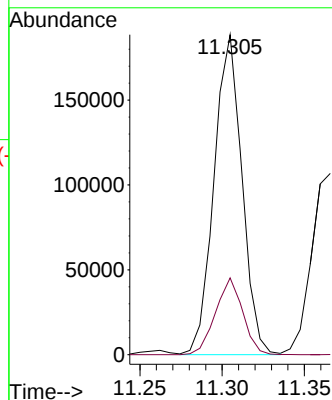
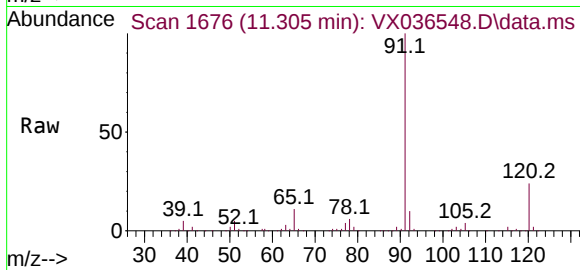




#74
n-propylbenzene
Concen: 18.894 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

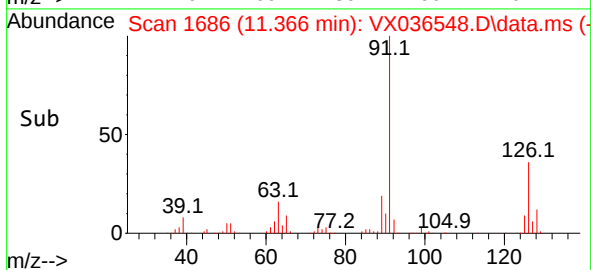
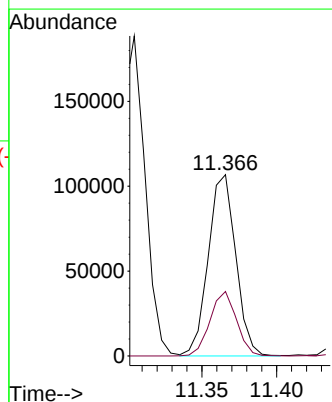
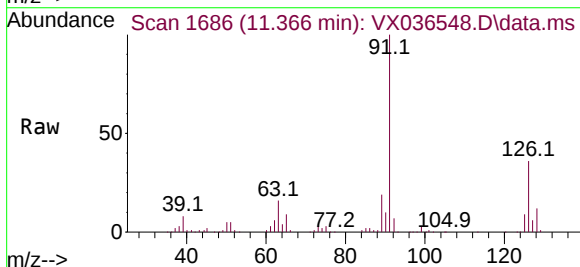
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

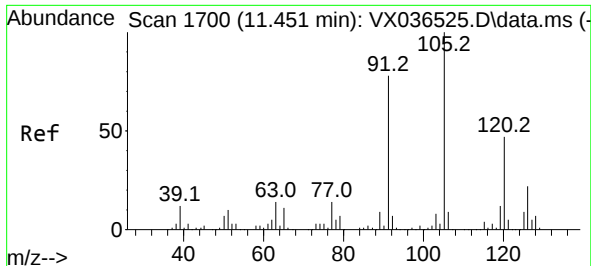
Tgt Ion: 91 Resp: 222621
Ion Ratio Lower Upper
91 100
120 23.4 0.0 46.6



#75
2-Chlorotoluene
Concen: 19.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 91 Resp: 136704
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.2

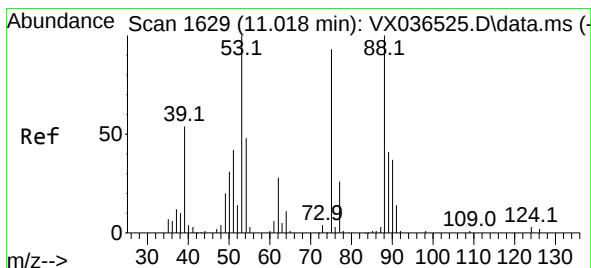
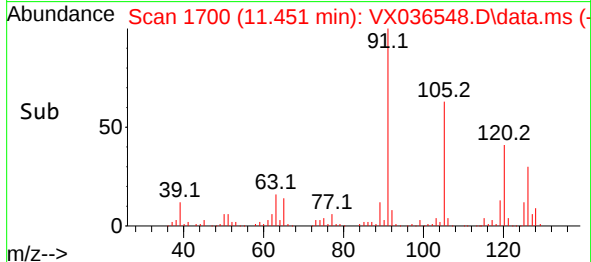
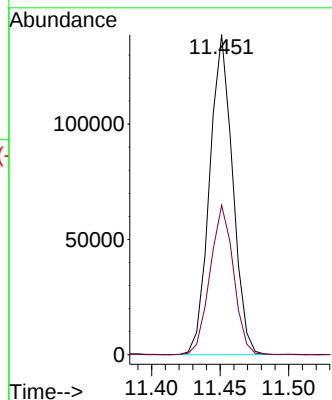
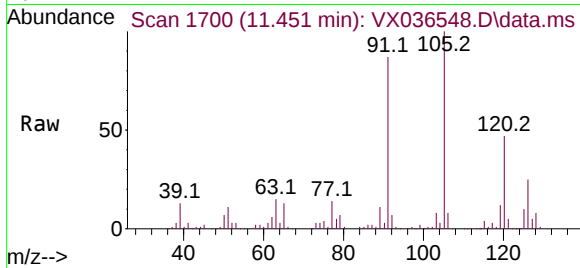




#76
1,3,5-Trimethylbenzene
Concen: 18.876 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

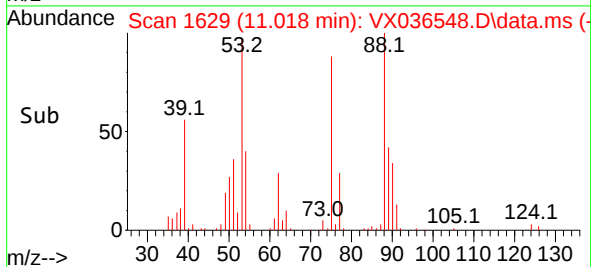
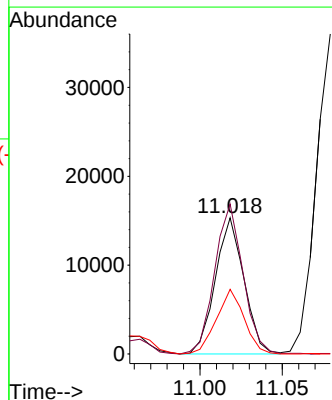
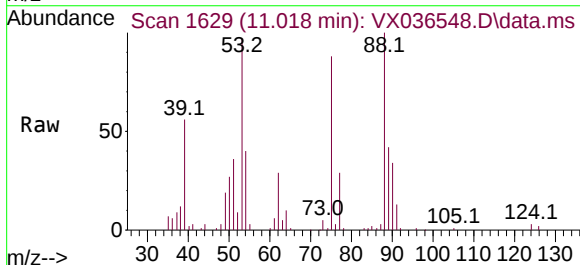
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

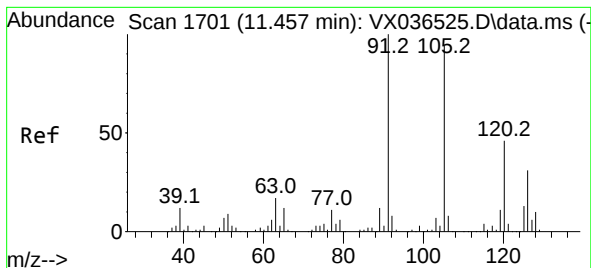
Tgt Ion:105 Resp: 162381
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.4



#77
t-1,4-Dichloro-2-butene
Concen: 16.719 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion: 75 Resp: 18589
Ion Ratio Lower Upper
75 100
53 110.1 53.9 161.7
89 47.5 22.1 66.1





#78

4-Chlorotoluene

Concen: 19.311 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

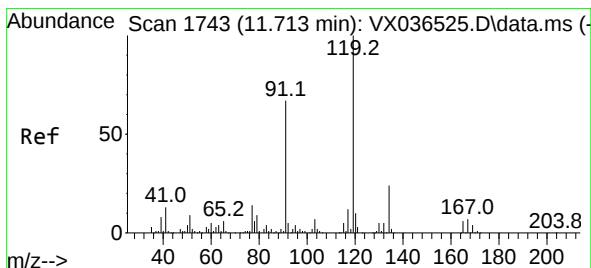
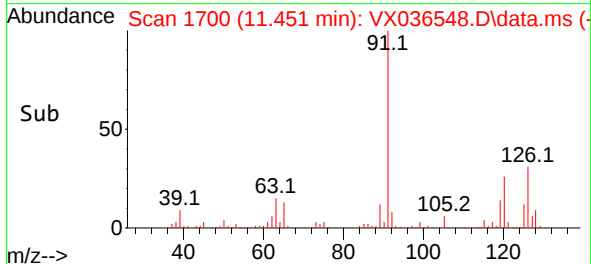
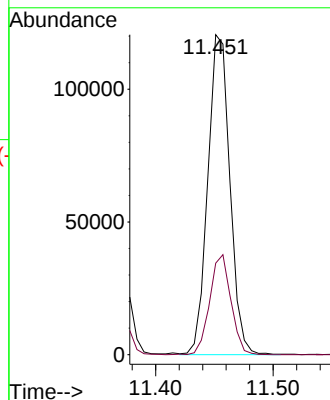
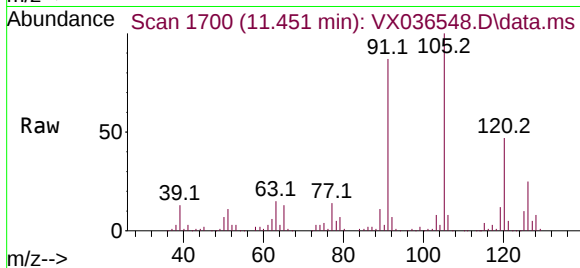
VSTDCCC020

Tgt Ion: 91 Resp: 157549

Ion Ratio Lower Upper

91 100

126 30.0 0.0 59.4



#79

tert-butylbenzene

Concen: 18.299 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

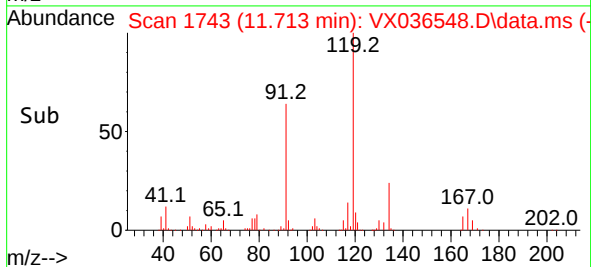
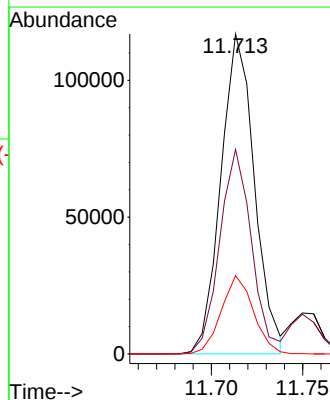
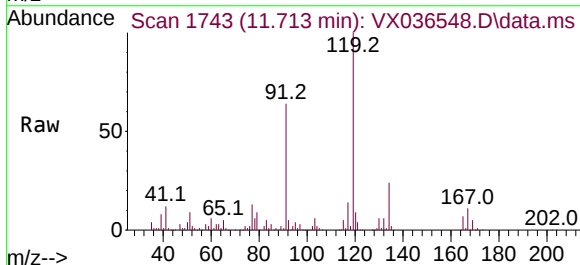
Tgt Ion: 119 Resp: 149408

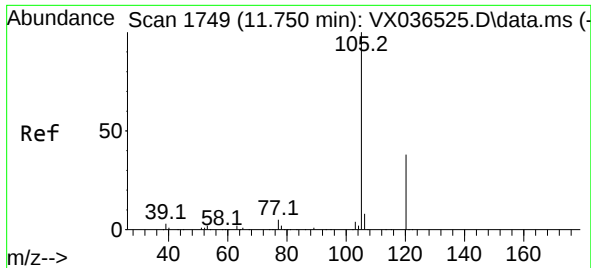
Ion Ratio Lower Upper

119 100

91 61.0 0.0 124.4

134 23.5 0.0 47.2

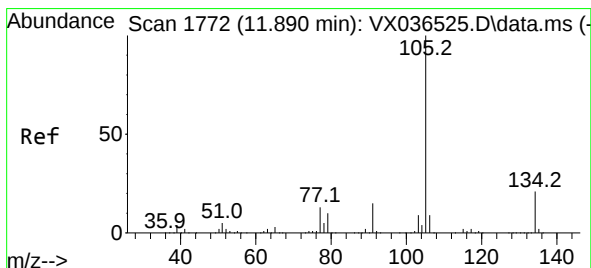
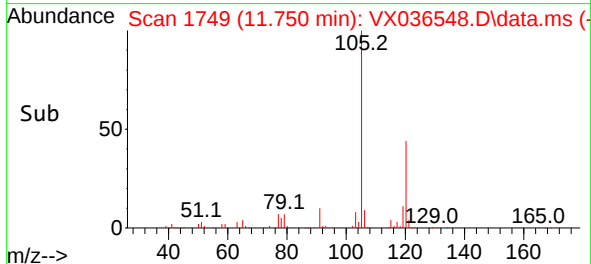
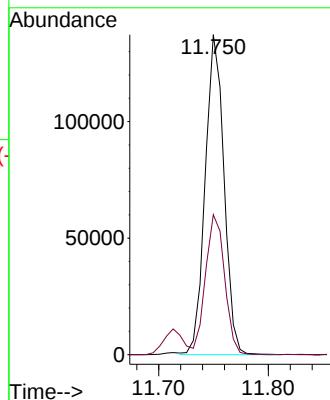
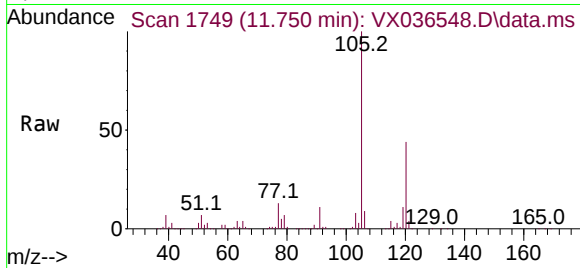




#80
1,2,4-Trimethylbenzene
Concen: 19.161 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

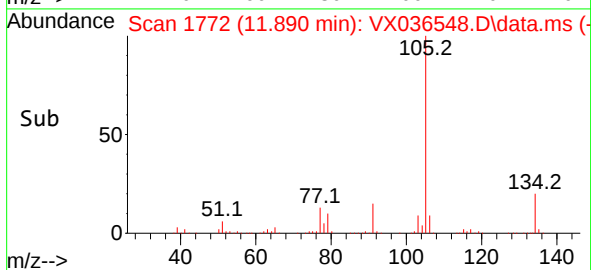
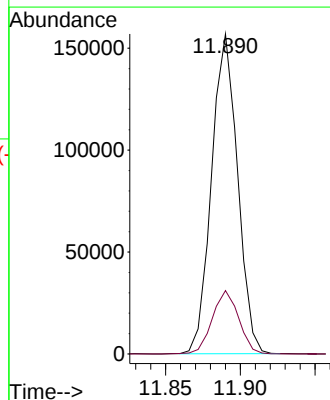
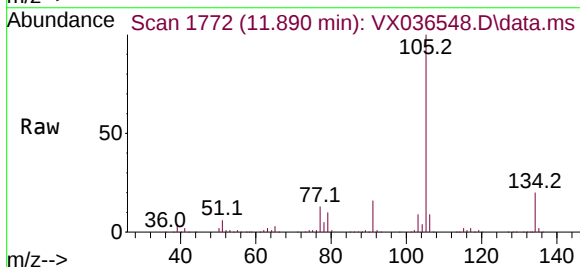
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

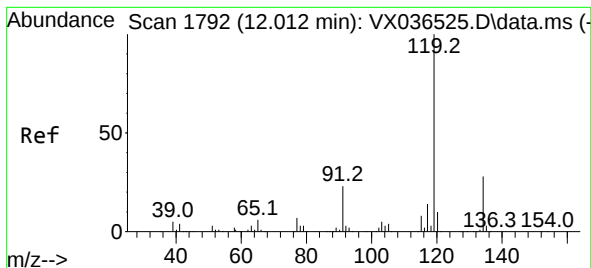
Tgt Ion:105 Resp: 163322
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.2



#81
sec-Butylbenzene
Concen: 18.475 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion:105 Resp: 189867
Ion Ratio Lower Upper
105 100
134 20.1 0.0 41.2





#82

p-Isopropyltoluene

Concen: 18.617 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

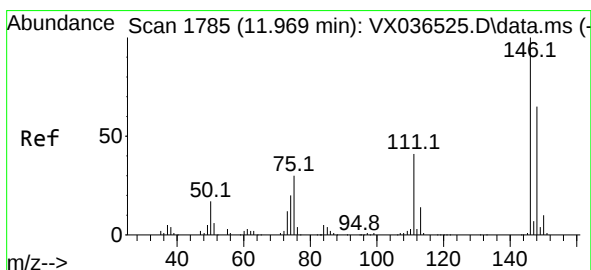
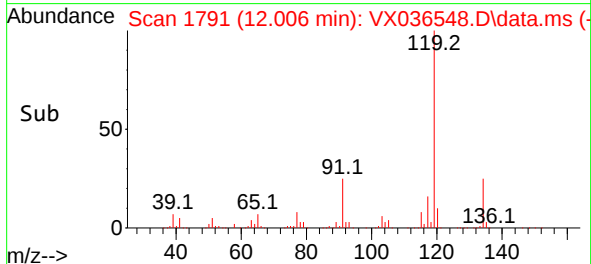
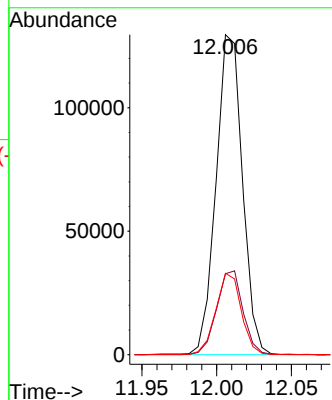
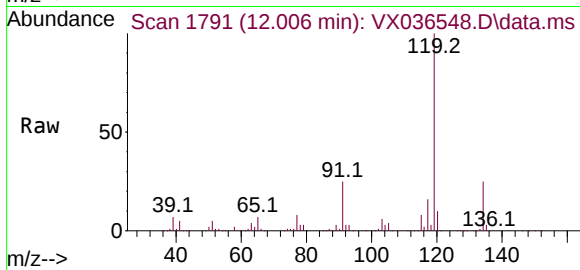
Tgt Ion:119 Resp: 159181

Ion Ratio Lower Upper

119 100

134 26.1 0.0 53.2

91 24.6 0.0 49.4



#83

1,3-Dichlorobenzene

Concen: 18.859 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

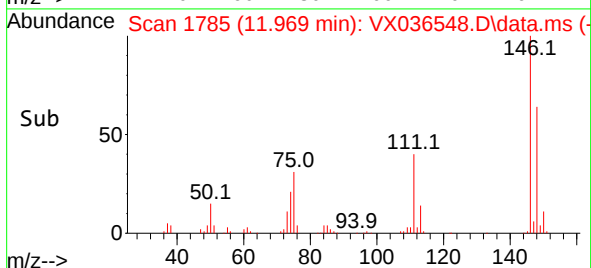
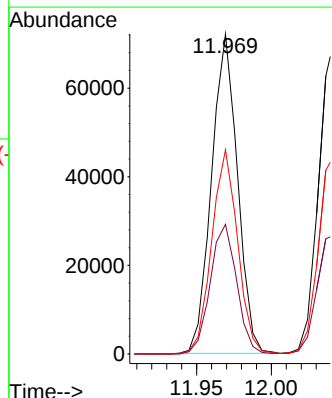
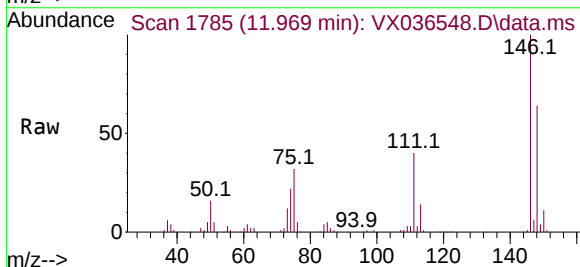
Tgt Ion:146 Resp: 86807

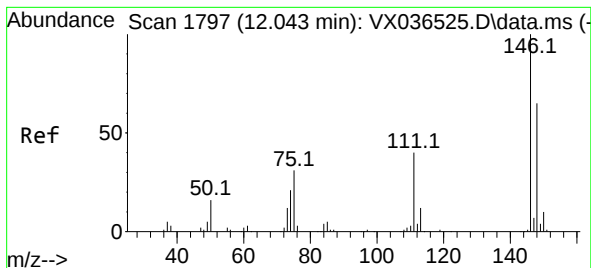
Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.2

148 64.2 31.6 94.8





#84

1,4-Dichlorobenzene

Concen: 19.256 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

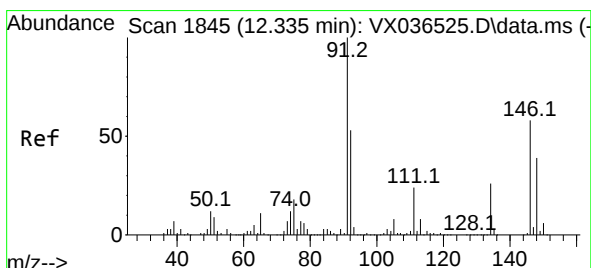
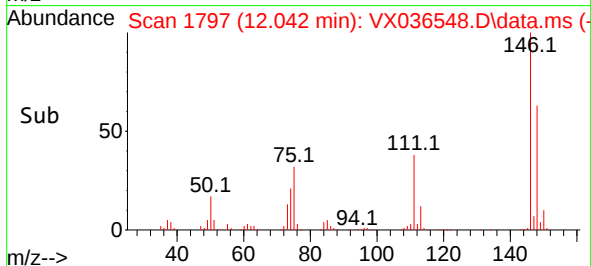
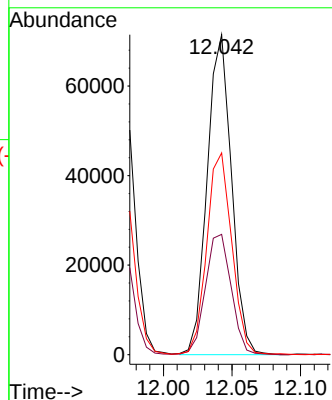
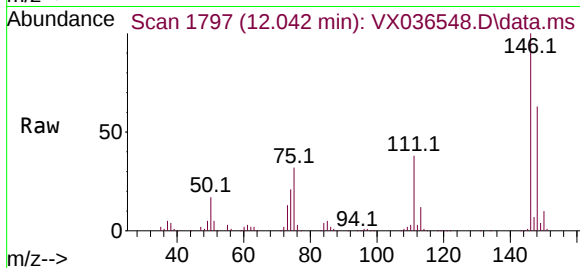
Tgt Ion:146 Resp: 88321

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

148 64.7 32.1 96.3



#85

n-Butylbenzene

Concen: 17.856 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

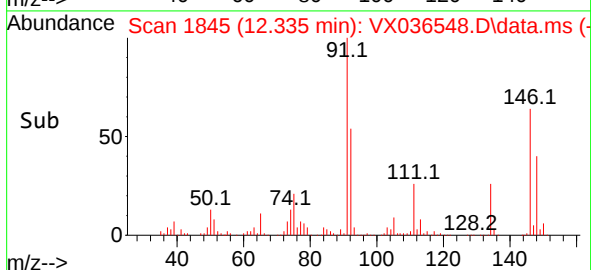
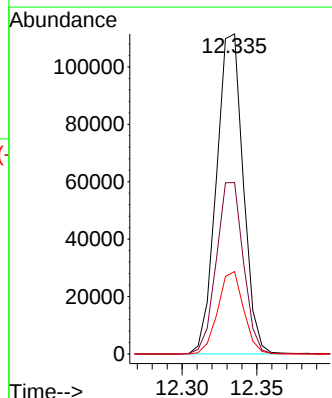
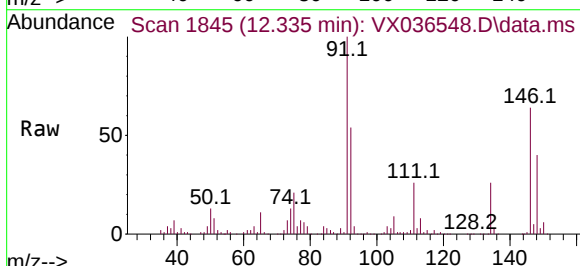
Tgt Ion: 91 Resp: 138974

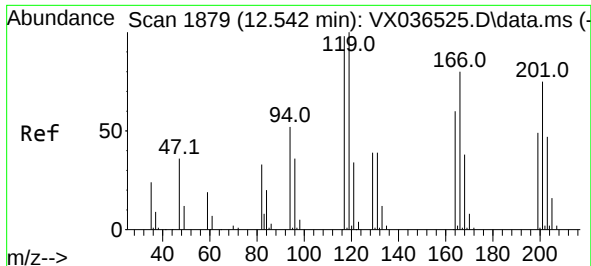
Ion Ratio Lower Upper

91 100

92 54.0 0.0 105.2

134 24.8 0.0 51.4

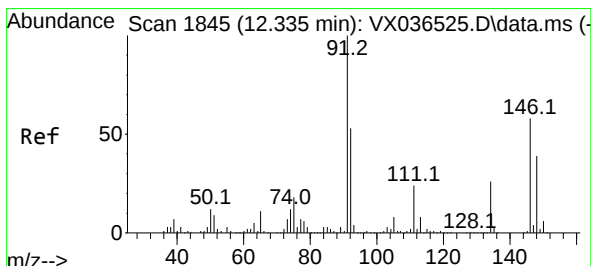
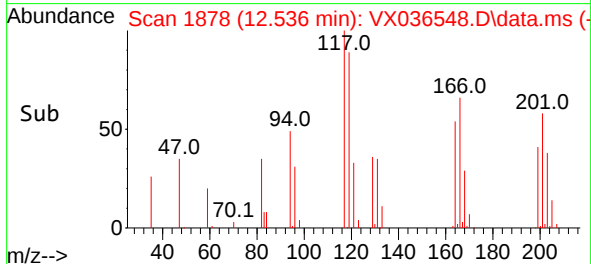
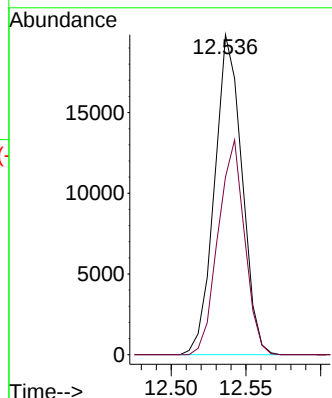
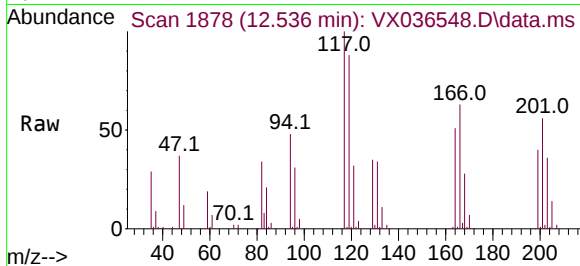




#86
Hexachloroethane
Concen: 17.880 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

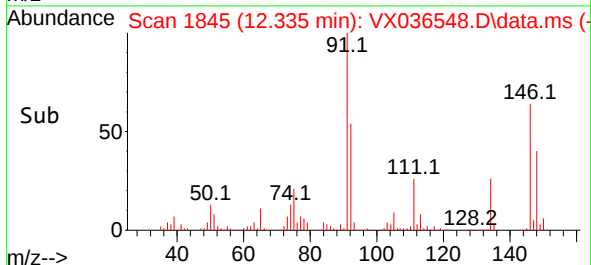
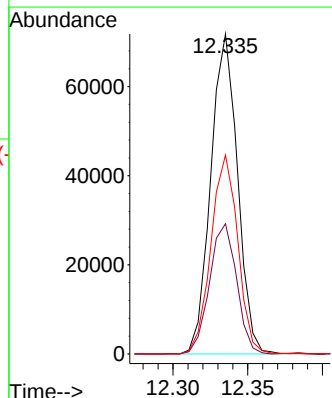
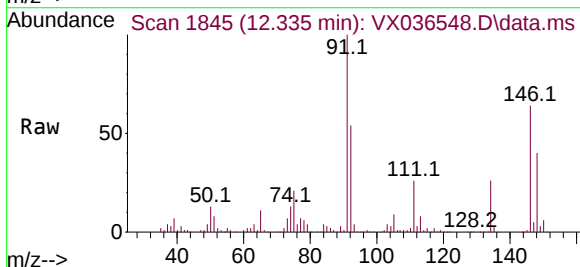
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

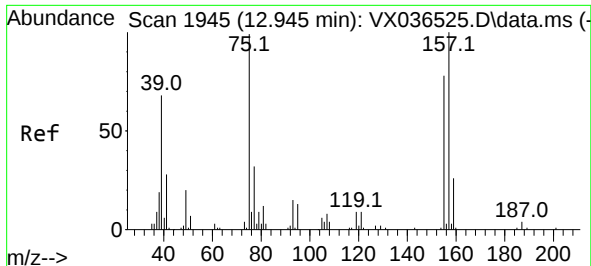
Tgt Ion:117 Resp: 25312
Ion Ratio Lower Upper
117 100
201 64.6 36.0 108.0



#87
1,2-Dichlorobenzene
Concen: 19.355 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036548.D
Acq: 14 Jul 2023 08:49

Tgt Ion:146 Resp: 89364
Ion Ratio Lower Upper
146 100
111 41.2 21.4 64.3
148 62.3 33.2 99.6





#88

1,2-Dibromo-3-Chloropropane

Concen: 16.933 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

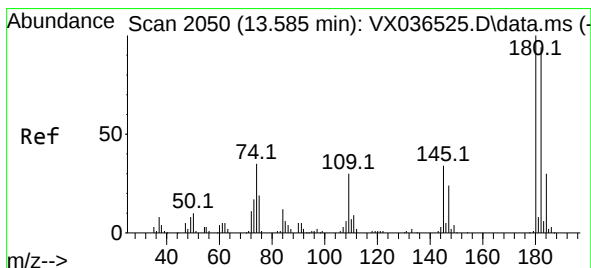
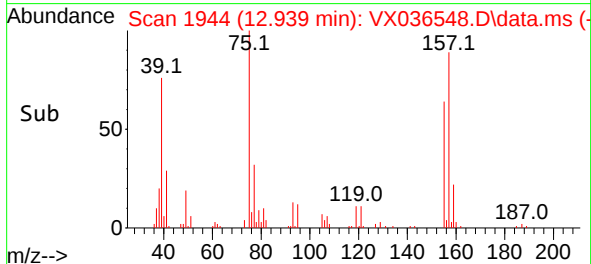
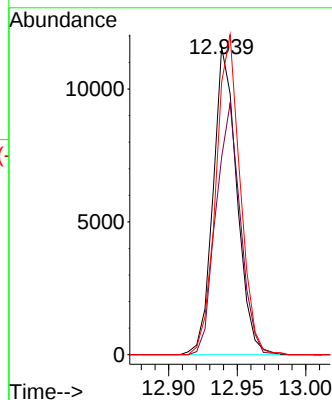
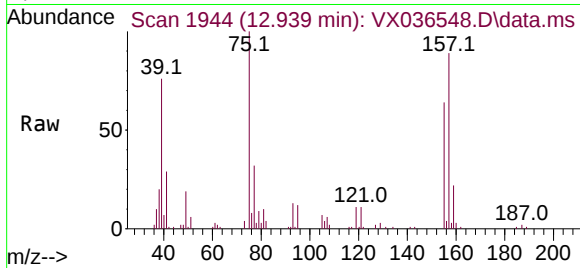
Tgt Ion: 75 Resp: 13912

Ion Ratio Lower Upper

75 100

155 83.9 62.7 94.1

157 106.3 81.5 122.3



#89

1,2,4-Trichlorobenzene

Concen: 17.870 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

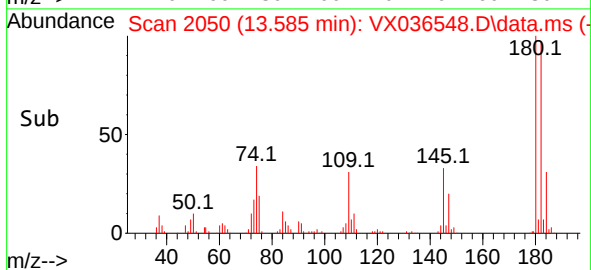
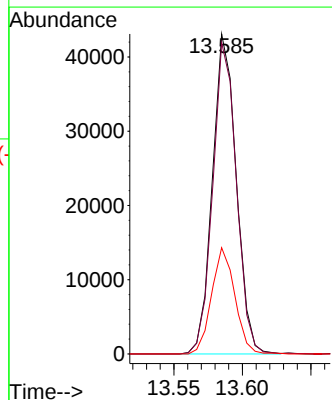
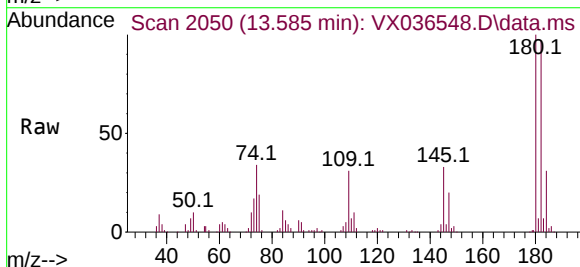
Tgt Ion:180 Resp: 52030

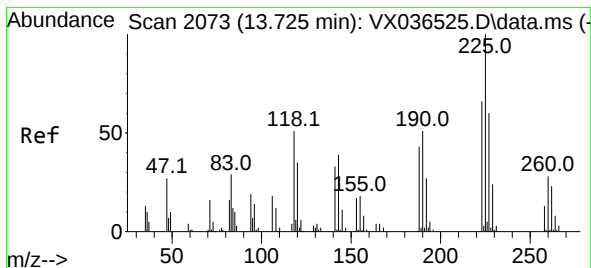
Ion Ratio Lower Upper

180 100

182 96.5 75.6 113.4

145 32.3 25.4 38.2





#90

Hexachlorobutadiene

Concen: 18.143 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

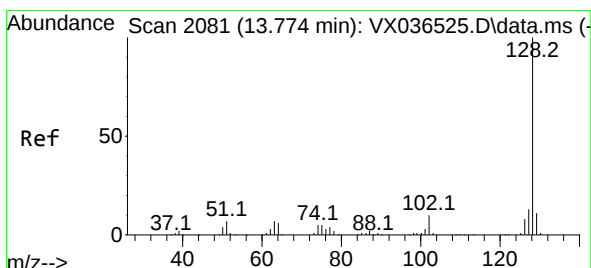
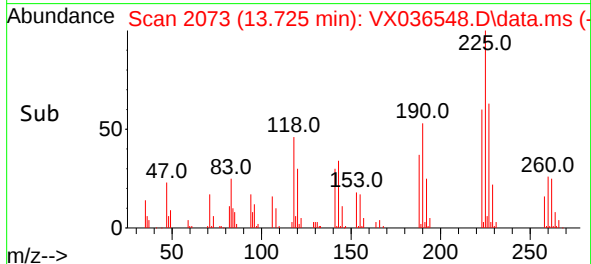
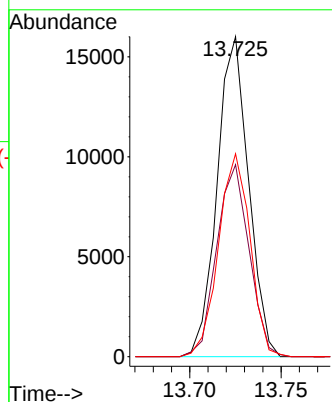
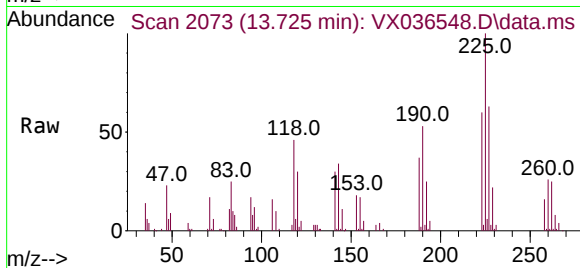
Tgt Ion:225 Resp: 19187

Ion Ratio Lower Upper

225 100

223 61.8 0.0 124.2

227 63.7 0.0 120.4



#91

Naphthalene

Concen: 18.204 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036548.D

Acq: 14 Jul 2023 08:49

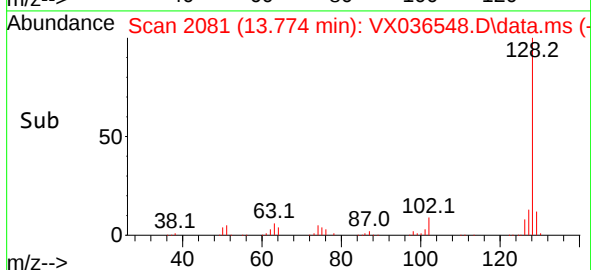
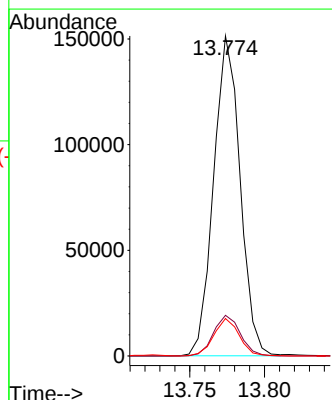
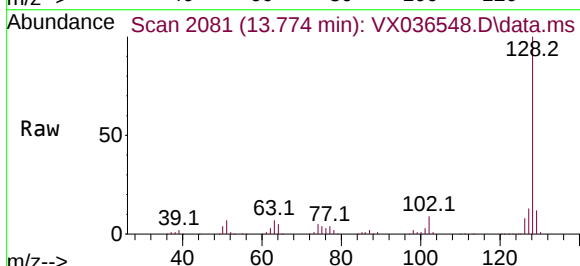
Tgt Ion:128 Resp: 185976

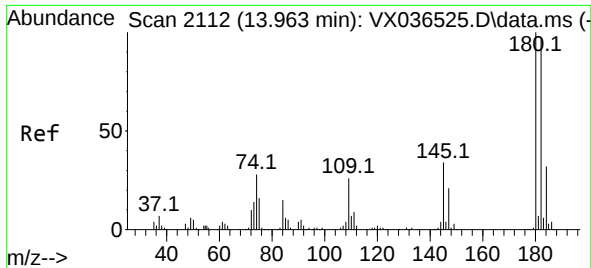
Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 8.7 13.1





#92

1,2,3-Trichlorobenzene

Concen: 17.939 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036548.D

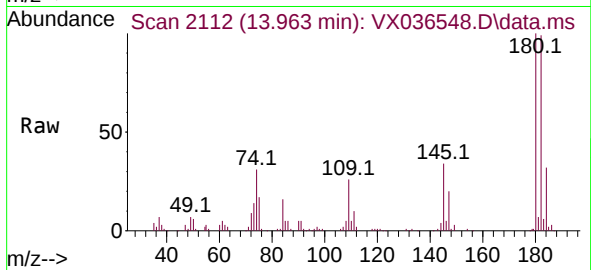
Acq: 14 Jul 2023 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 52721

Ion Ratio Lower Upper

180 100

182 96.8 0.0 190.6

145 33.4 0.0 66.8

