

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036178.D
 Acq On : 16 Jun 2023 12:03
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 16 14:52:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	334327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	143034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	5363	1.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	3.180%#
35) Dibromofluoromethane	5.385	113	3528	1.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	3.120%#
50) Toluene-d8	8.647	98	11953	1.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.880%#
62) 4-Bromofluorobenzene	11.079	95	4858	1.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2194	0.971	ug/l	88
3) Chloromethane	1.294	50	2555	1.069	ug/l #	88
4) Vinyl Chloride	1.374	62	2373	1.042	ug/l	90
5) Bromomethane	1.618	94	1523	1.088	ug/l	98
6) Chloroethane	1.691	64	1628	1.105	ug/l	95
7) Trichlorofluoromethane	1.892	101	3877	1.052	ug/l #	82
8) Diethyl Ether	2.136	74	1383	1.009	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	2047	0.974	ug/l #	90
10) Methyl Iodide	2.453	142	1657	0.765	ug/l	92
11) Tert butyl alcohol	3.001	59	2269	4.412	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	2009	1.011	ug/l #	80
13) Acrolein	2.239	56	3427	6.003	ug/l	93
14) Allyl chloride	2.660	41	3862	0.961	ug/l	92
15) Acrylonitrile	3.069	53	6133	4.663	ug/l	95
16) Acetone	2.386	43	9151	1.156	ug/l	96
17) Carbon Disulfide	2.508	76	4732	0.964	ug/l	100
18) Methyl Acetate	2.703	43	5101	0.963	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	7667	0.986	ug/l	97
20) Methylene Chloride	2.788	84	3093	1.222	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	2134	0.967	ug/l	95
22) Diisopropyl ether	3.757	45	7422	0.928	ug/l	90
23) Vinyl Acetate	3.721	43	24278	4.282	ug/l	99
24) 1,1-Dichloroethane	3.611	63	4411	0.998	ug/l #	94
25) 2-Butanone	4.568	43	9916	5.070	ug/l	99
26) 2,2-Dichloropropane	4.477	77	3136	0.912	ug/l #	74
27) cis-1,2-Dichloroethene	4.489	96	2215	0.877	ug/l	78
28) Bromochloromethane	4.904	49	2303	1.000	ug/l #	91
29) Tetrahydrofuran	5.019	42	5650	4.549	ug/l #	80
30) Chloroform	5.086	83	4585	0.985	ug/l	85
31) Cyclohexane	5.458	56	3306	0.916	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	3686	0.934	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	3491	1.045	ug/l	91
37) Ethyl Acetate	4.721	43	4181	1.075	ug/l #	87
38) Carbon Tetrachloride	5.672	117	3021	0.931	ug/l	91
39) Methylcyclohexane	7.379	83	3443	0.957	ug/l	93
40) Benzene	6.031	78	9058	0.965	ug/l	99

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 VSTDICC001

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2073	0.966	ug/l	94
42) 1,2-Dichloroethane	6.086	62	4445	1.051	ug/l	93
43) Isopropyl Acetate	6.342	43	5174	0.869	ug/l #	97
44) Trichloroethene	7.123	130	2278	0.971	ug/l	74
45) 1,2-Dichloropropane	7.421	63	2430	0.973	ug/l #	73
46) Dibromomethane	7.580	93	1700	0.956	ug/l	97
47) Bromodichloromethane	7.818	83	3166	0.927	ug/l	100
48) Methyl methacrylate	7.696	41	2811	0.920	ug/l	92
49) 1,4-Dioxane	7.702	88	900	17.595	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	17053	4.536	ug/l	98
52) Toluene	8.714	92	5506	0.936	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	2713	3.016	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	2807	2.216	ug/l #	85
55) 1,1,2-Trichloroethane	9.147	97	2269	0.935	ug/l	96
56) Ethyl methacrylate	9.116	69	2724	2.555	ug/l #	81
57) 1,3-Dichloropropane	9.305	76	4245	0.983	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	8700	4.305	ug/l	95
59) 2-Hexanone	9.433	43	12202	4.365	ug/l	97
60) Dibromochloromethane	9.519	129	2019	0.852	ug/l	87
61) 1,2-Dibromoethane	9.610	107	2192	0.866	ug/l	99
64) Tetrachloroethene	9.269	164	2023	1.053	ug/l	88
65) Chlorobenzene	10.079	112	6488	1.014	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.159	131	1848	0.837	ug/l #	62
67) Ethyl Benzene	10.195	91	10520	0.921	ug/l	98
68) m/p-Xylenes	10.299	106	7478	1.735	ug/l	90
69) o-Xylene	10.640	106	3719	0.875	ug/l	96
70) Styrene	10.659	104	5957	0.841	ug/l	100
71) Bromoform	10.799	173	1274	3.394	ug/l #	99
73) Isopropylbenzene	10.957	105	9897	0.932	ug/l	95
74) N-amyl acetate	10.842	43	4030	0.840	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	3630	0.999	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	3773	1.062	ug/l	89
77) Bromobenzene	11.195	156	2552	1.026	ug/l	94
78) n-propylbenzene	11.305	91	11252	0.901	ug/l	95
79) 2-Chlorotoluene	11.366	91	7471	0.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7727	0.855	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.012	75	578	5.917	ug/l #	67
82) 4-Chlorotoluene	11.457	91	8743	0.956	ug/l	91
83) tert-Butylbenzene	11.713	119	7451	0.867	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	7339	0.814	ug/l	99
85) sec-Butylbenzene	11.890	105	8829	0.825	ug/l	94
86) p-Isopropyltoluene	12.012	119	7217	0.802	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	4597	0.969	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	4597	0.961	ug/l	97
89) n-Butylbenzene	12.329	91	6714	0.836	ug/l	98
90) Hexachloroethane	12.536	117	1062	2.430	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	4609	0.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	631	0.787	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	2272	0.861	ug/l	92
94) Hexachlorobutadiene	13.725	225	1103	1.058	ug/l	93
95) Naphthalene	13.774	128	7332	0.806	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2346	0.887	ug/l	97

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ALS Vial : 2 Sample Multiplier: 1

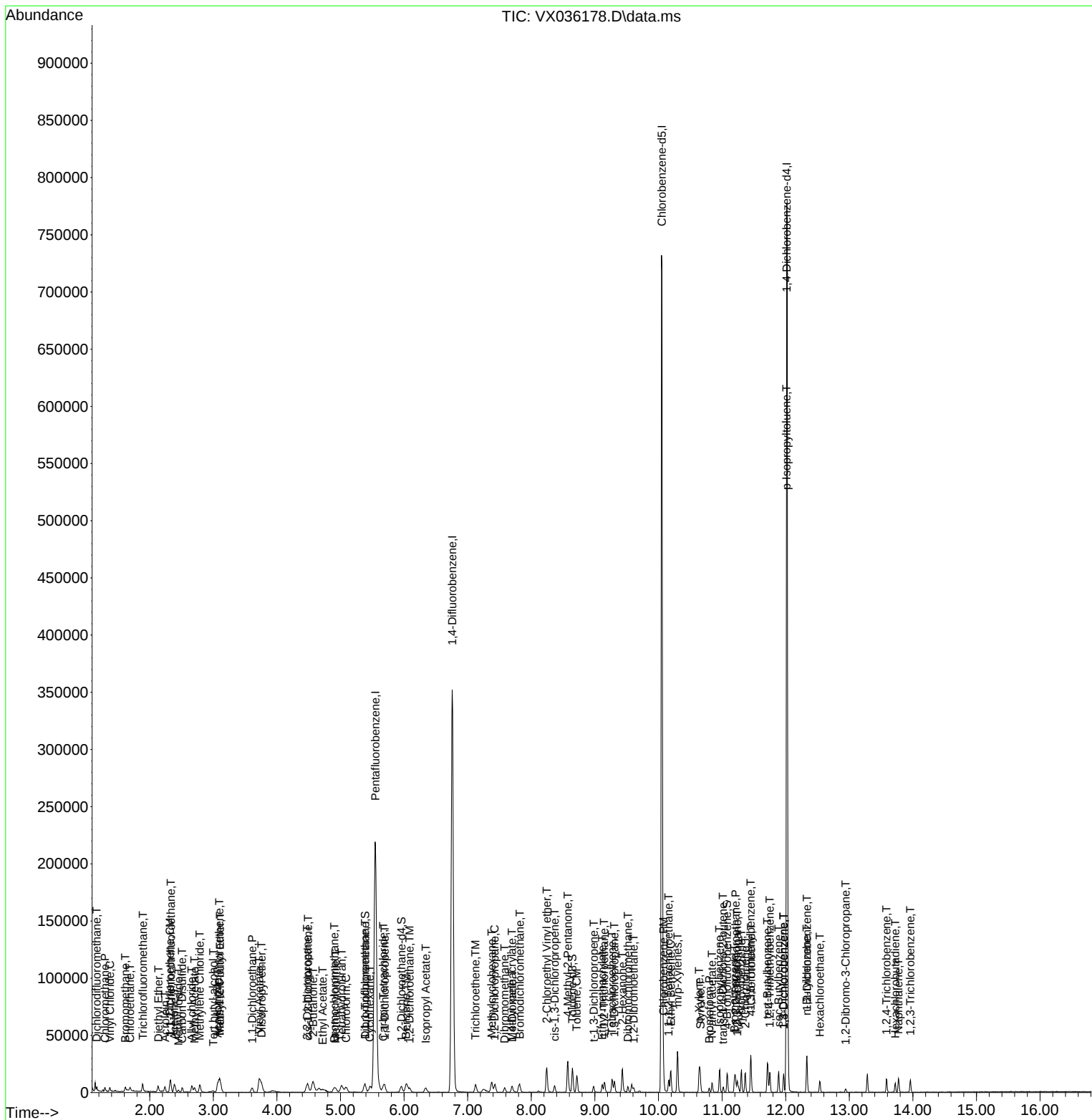
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

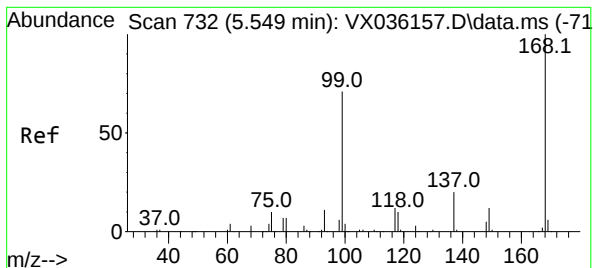
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Quant Title : SW846 8260
QLast Update : Fri Jun 16 14:52:15 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036178.D

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MSVOA_X

ClientSampleId :

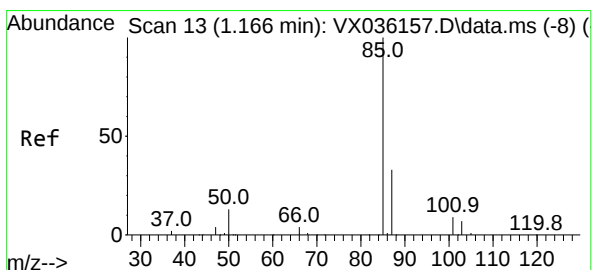
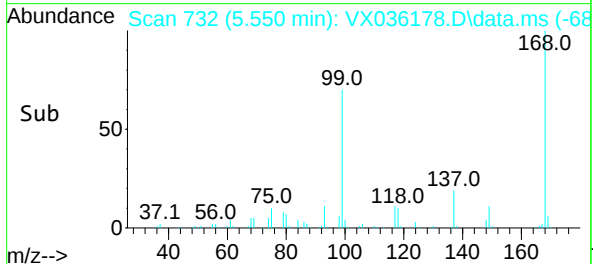
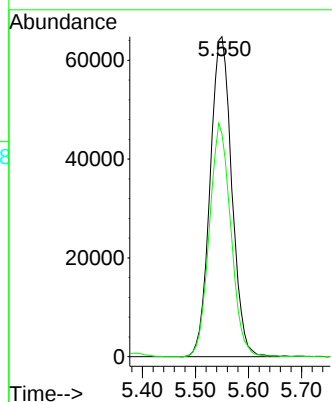
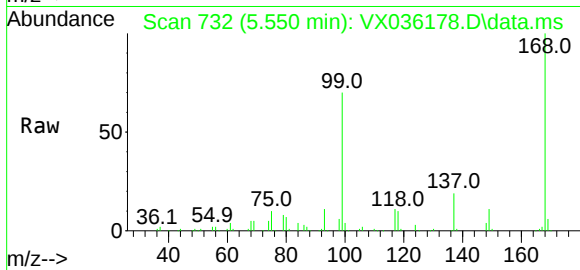
VSTDIC001

Tgt Ion:168 Resp: 184016

Ion Ratio Lower Upper

168 100

99 69.6 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 0.971 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX036178.D

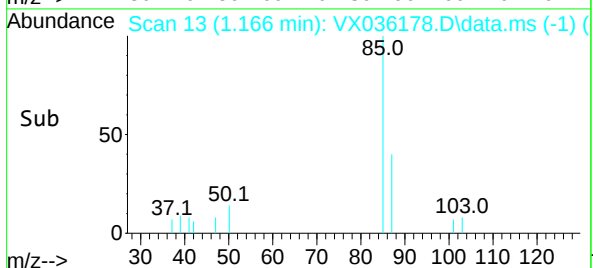
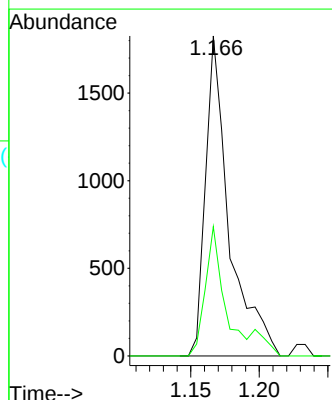
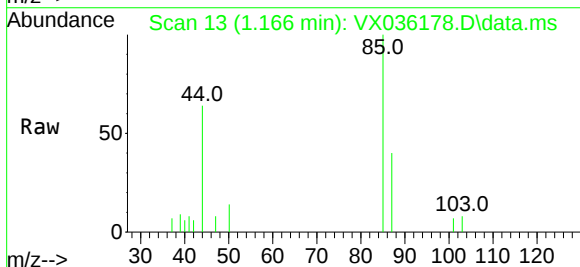
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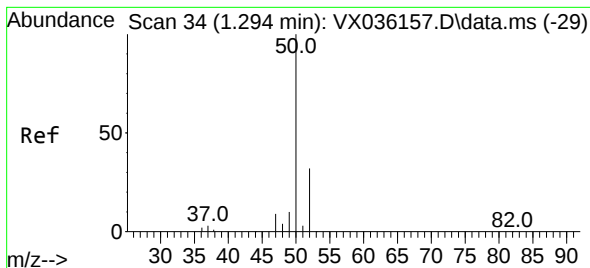
Tgt Ion: 85 Resp: 2194

Ion Ratio Lower Upper

85 100

87 40.4 16.7 50.1





#3

Chloromethane

Concen: 1.069 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

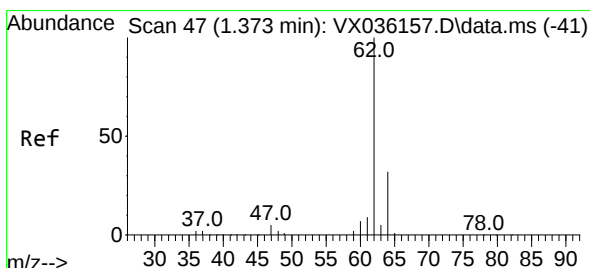
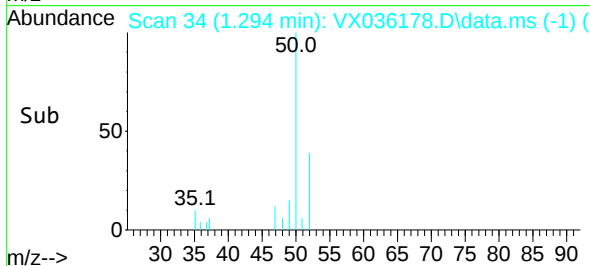
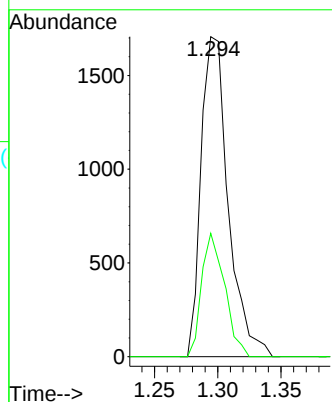
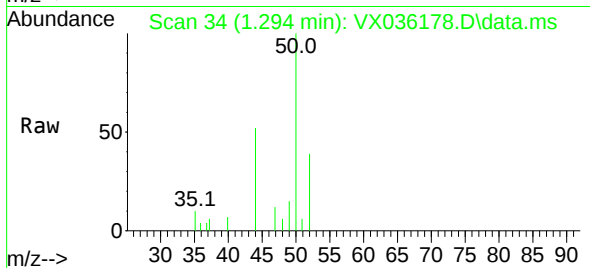
VSTDICC001

Tgt Ion: 50 Resp: 2555

Ion Ratio Lower Upper

50 100

52 38.5 25.5 38.3#



#4

Vinyl Chloride

Concen: 1.042 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036178.D

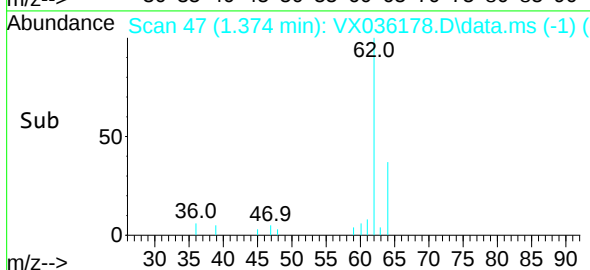
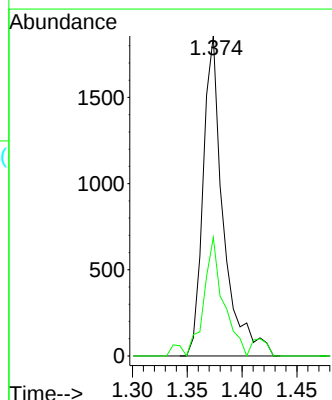
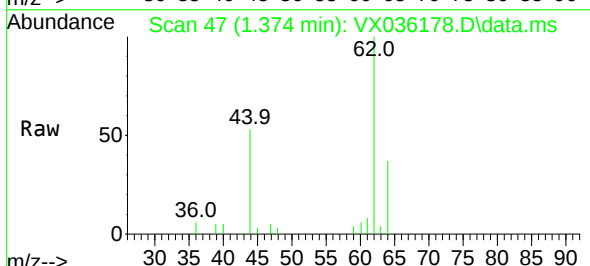
Acq: 16 Jun 2023 12:03

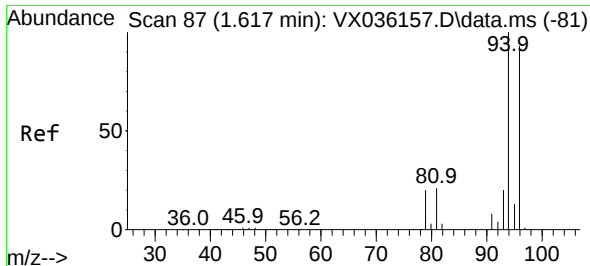
Tgt Ion: 62 Resp: 2373

Ion Ratio Lower Upper

62 100

64 37.0 25.4 38.0

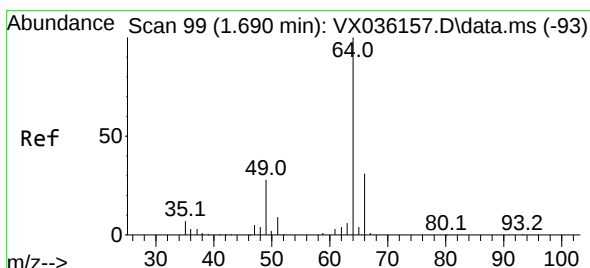
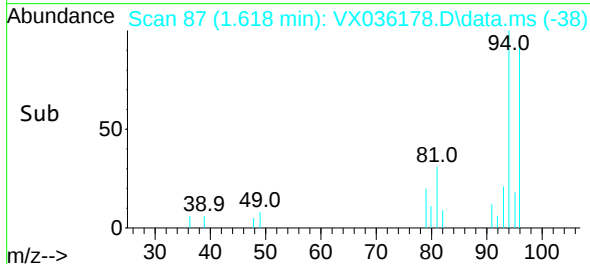
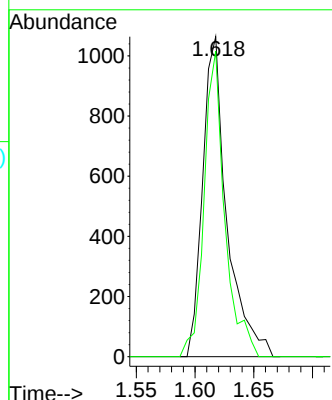
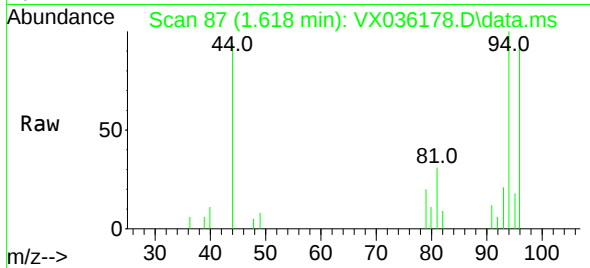




#5
Bromomethane
Concen: 1.088 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

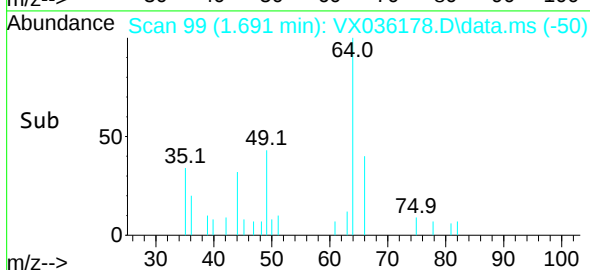
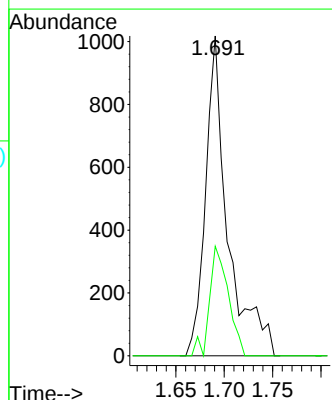
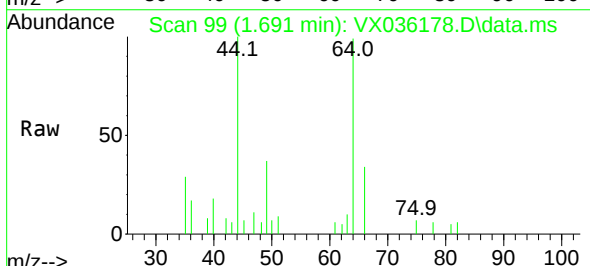
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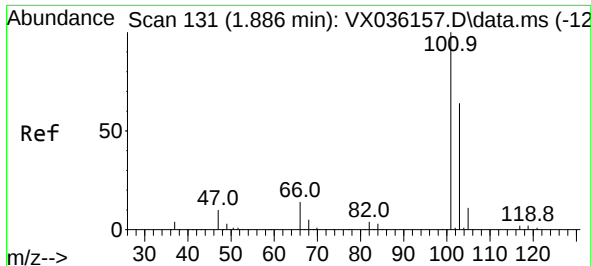
Tgt Ion: 94 Resp: 1523
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8



#6
Chloroethane
Concen: 1.105 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 64 Resp: 1628
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7

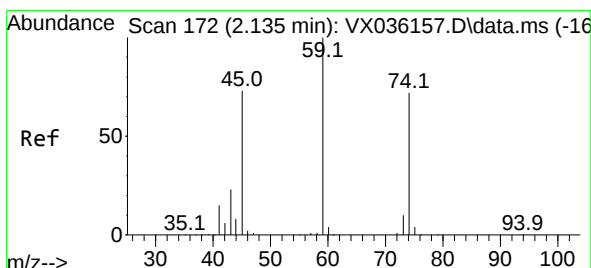
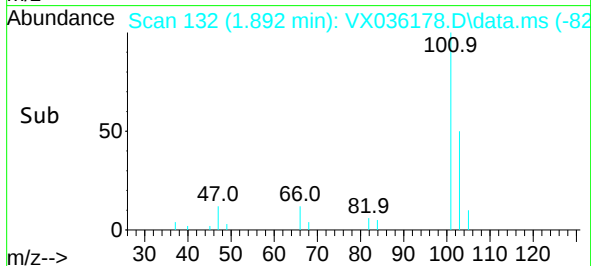
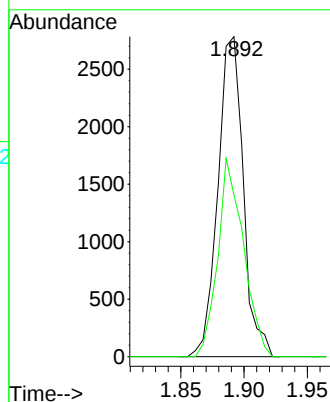
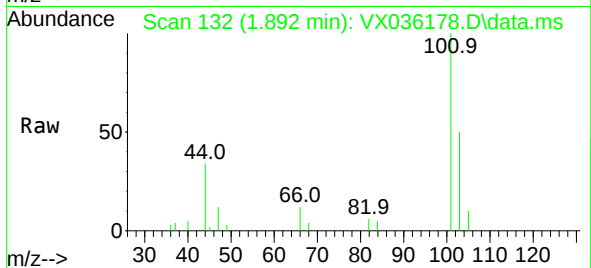




#7
Trichlorofluoromethane
Concen: 1.052 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

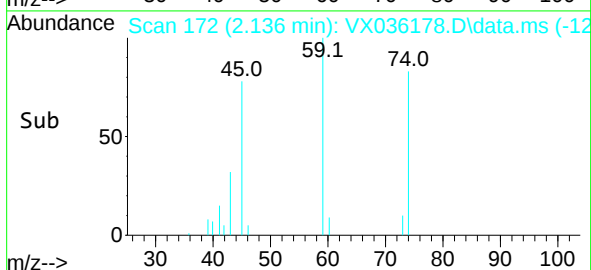
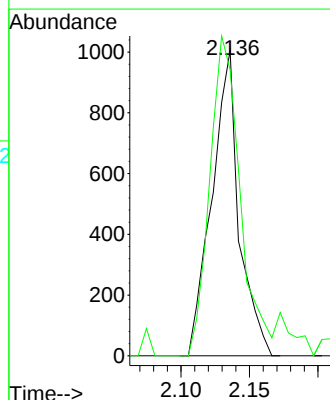
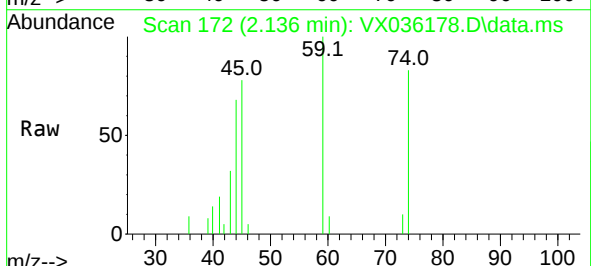
Instrument :
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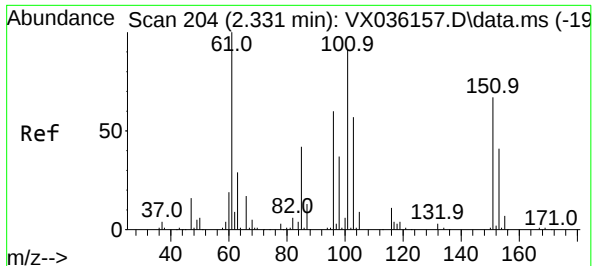
Tgt Ion:101 Resp: 3877
Ion Ratio Lower Upper
101 100
103 50.5 51.4 77.2#



#8
Diethyl Ether
Concen: 1.009 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 74 Resp: 1383
Ion Ratio Lower Upper
74 100
45 117.5 53.3 159.8

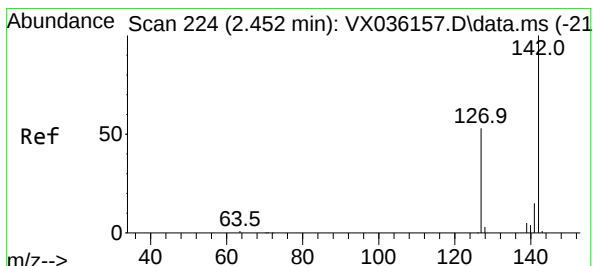
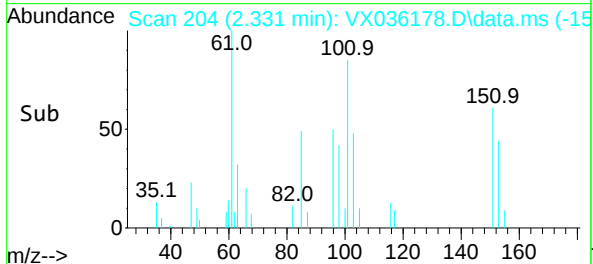
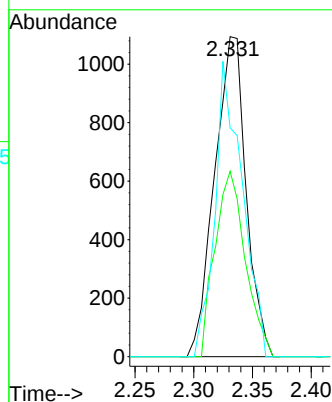
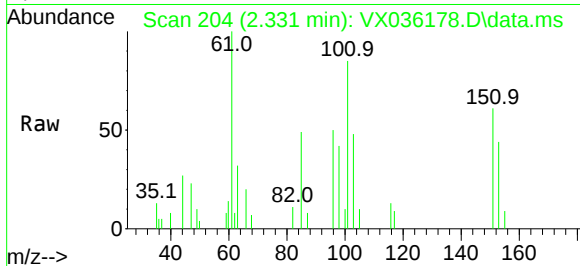




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.974 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

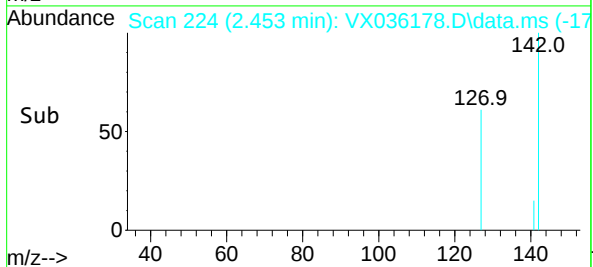
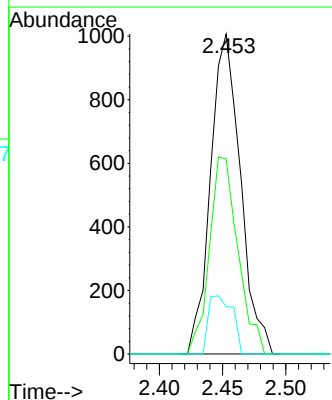
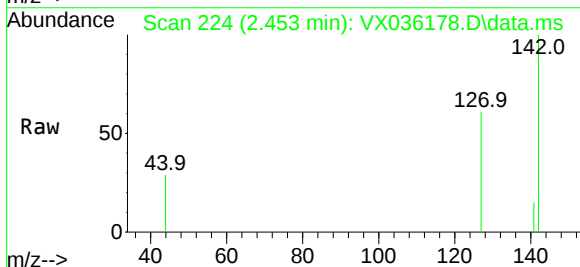
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

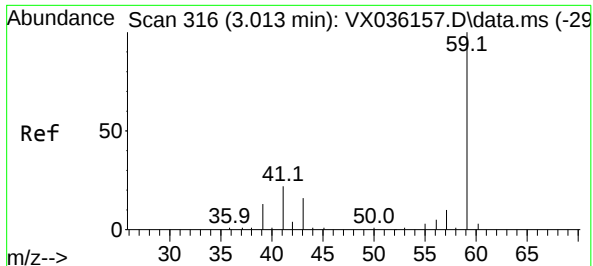
Tgt Ion:101 Resp: 2047
Ion Ratio Lower Upper
101 100
85 55.8 37.0 55.6#
151 79.9 58.6 87.8



#10
Methyl Iodide
Concen: 0.765 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion:142 Resp: 1657
Ion Ratio Lower Upper
142 100
127 58.7 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 4.412 ug/l

RT: 3.001 min Scan# 316

Delta R.T. -0.012 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

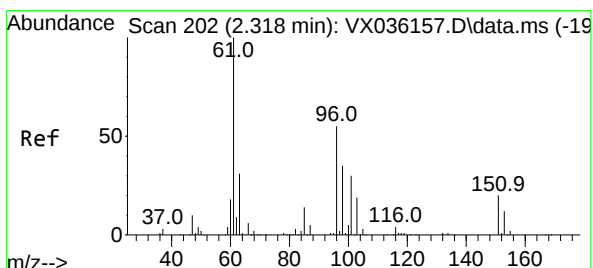
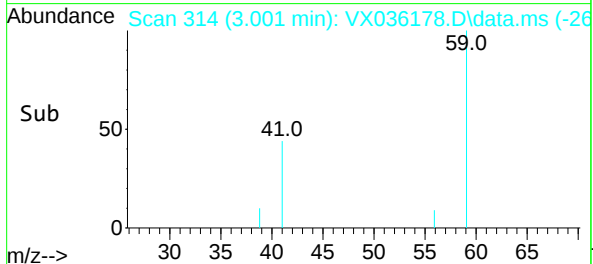
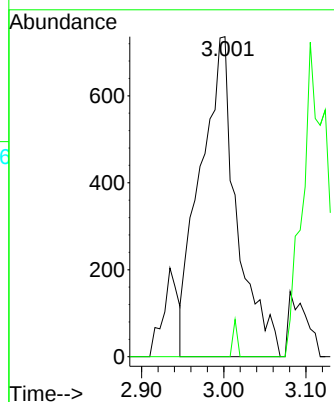
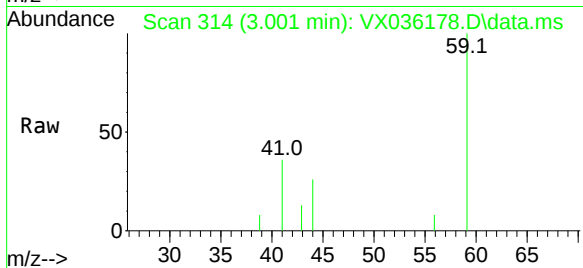
VSTDIC001

Tgt Ion: 59 Resp: 2269

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 1.011 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

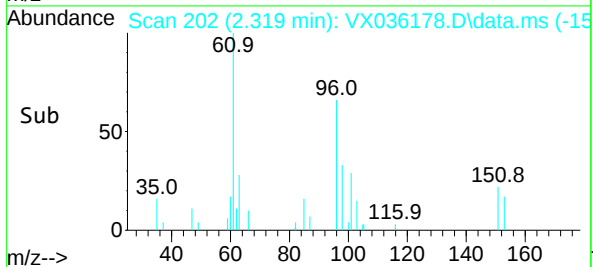
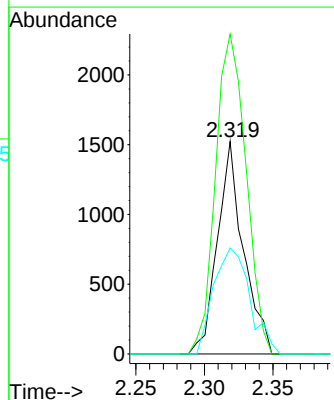
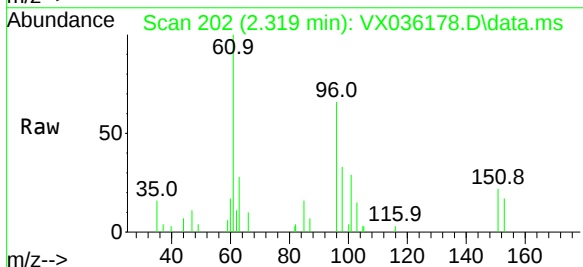
Tgt Ion: 96 Resp: 2009

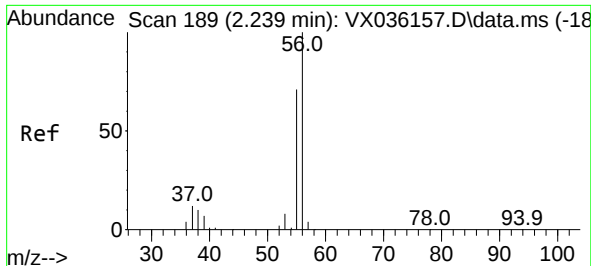
Ion Ratio Lower Upper

96 100

61 150.6 144.6 216.8

98 49.8 50.4 75.6#





#13

Acrolein

Concen: 6.003 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

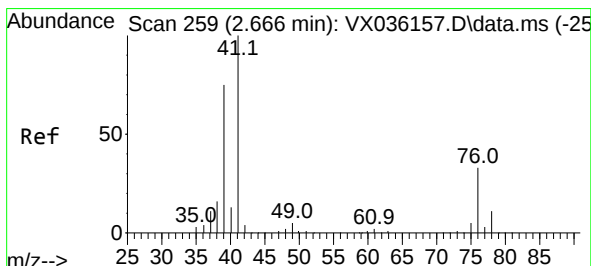
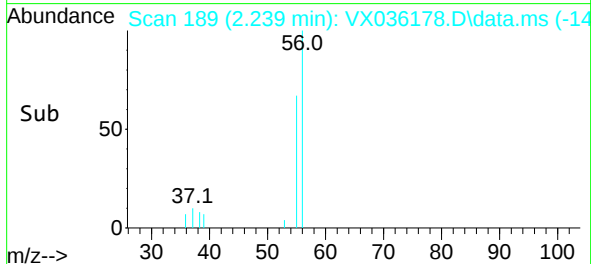
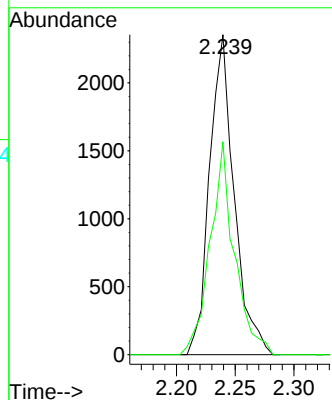
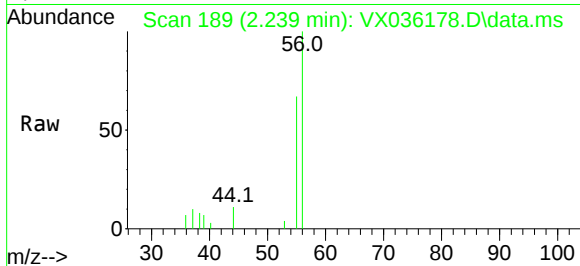
VSTDIC001

Tgt Ion: 56 Resp: 3427

Ion Ratio Lower Upper

56 100

55 65.9 57.1 85.7



#14

Allyl chloride

Concen: 0.961 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

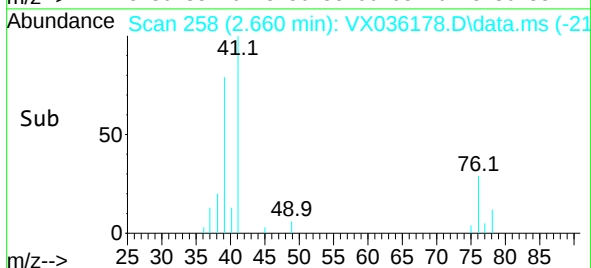
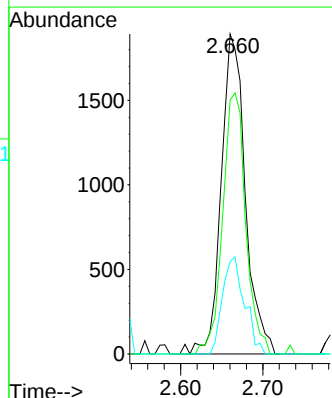
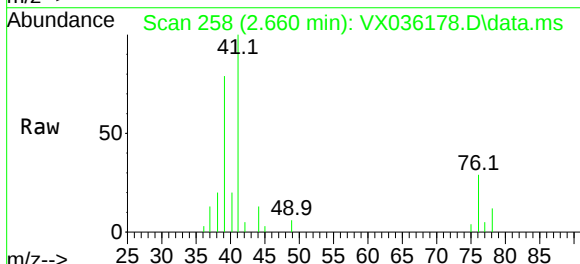
Tgt Ion: 41 Resp: 3862

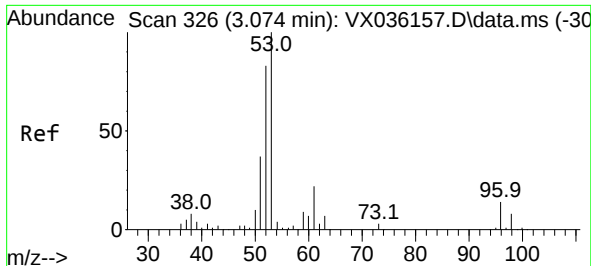
Ion Ratio Lower Upper

41 100

39 78.0 55.8 83.6

76 27.8 24.3 36.5





#15

Acrylonitrile

Concen: 4.663 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.005 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

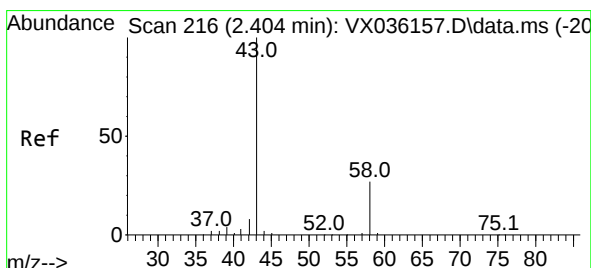
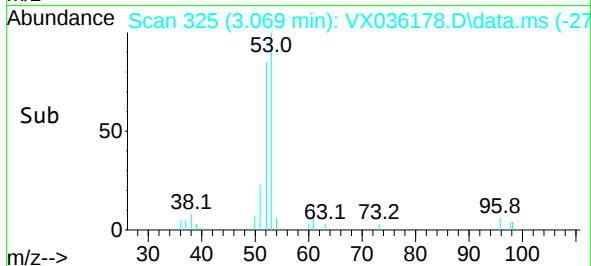
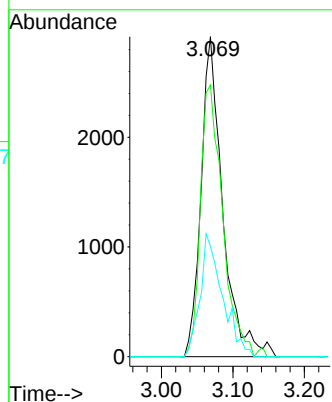
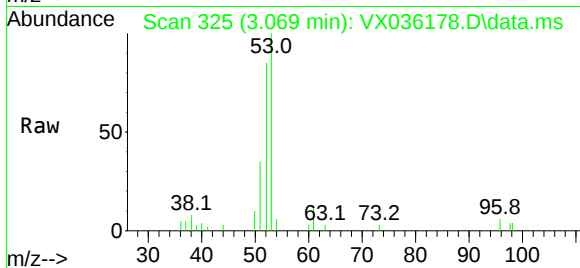
Tgt Ion: 53 Resp: 6133

Ion Ratio Lower Upper

53 100

52 87.2 66.0 99.0

51 39.8 29.8 44.6



#16

Acetone

Concen: 1.156 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.018 min

Lab File: VX036178.D

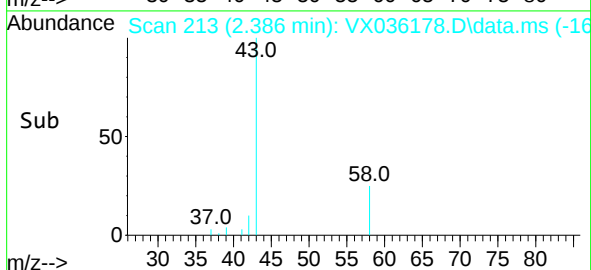
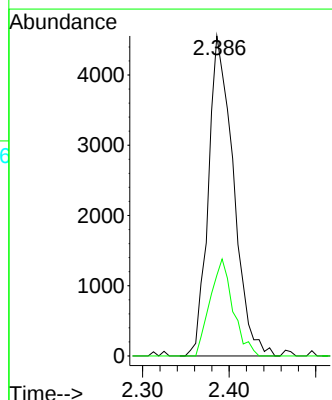
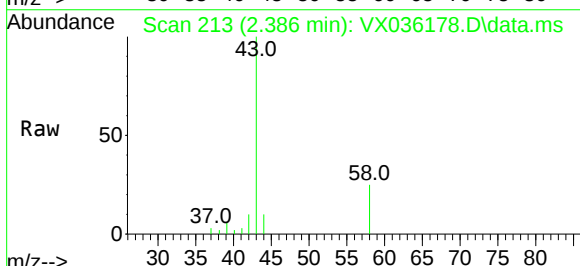
Acq: 16 Jun 2023 12:03

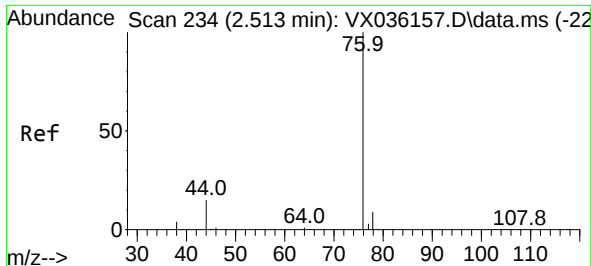
Tgt Ion: 43 Resp: 9151

Ion Ratio Lower Upper

43 100

58 25.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.964 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

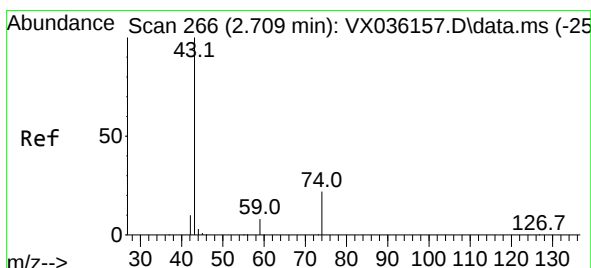
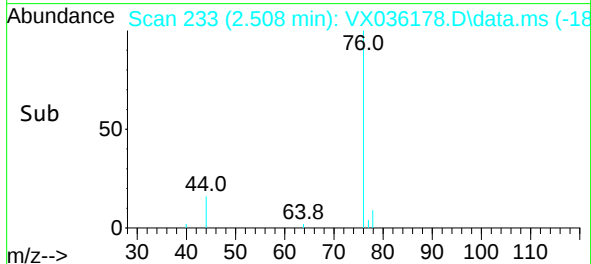
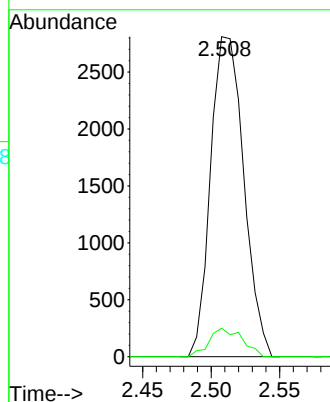
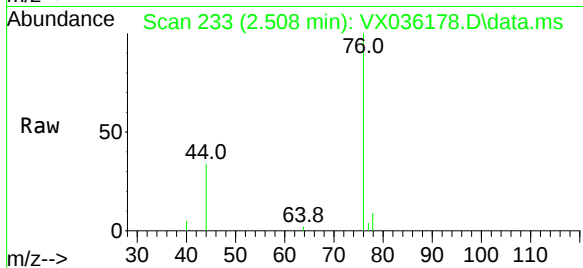
VSTDIC001

Tgt Ion: 76 Resp: 4732

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 0.963 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036178.D

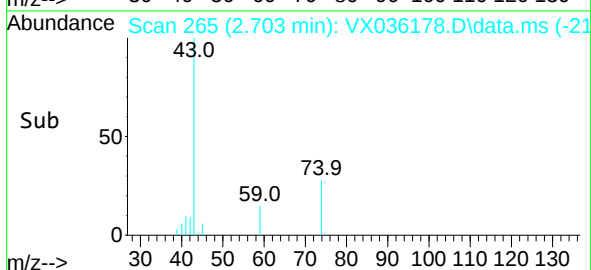
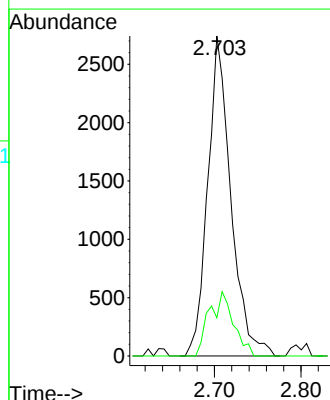
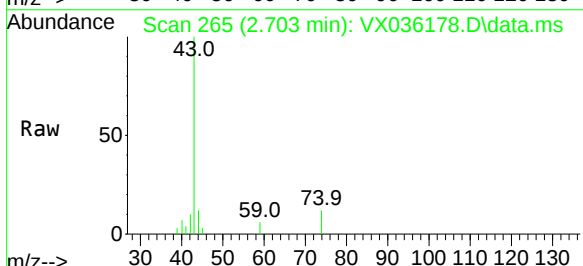
Acq: 16 Jun 2023 12:03

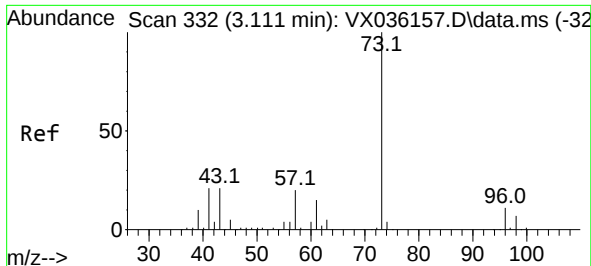
Tgt Ion: 43 Resp: 5101

Ion Ratio Lower Upper

43 100

74 21.0 17.8 26.8

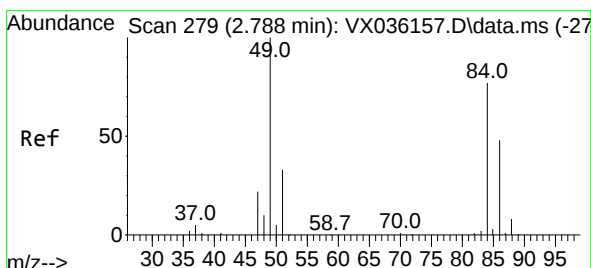
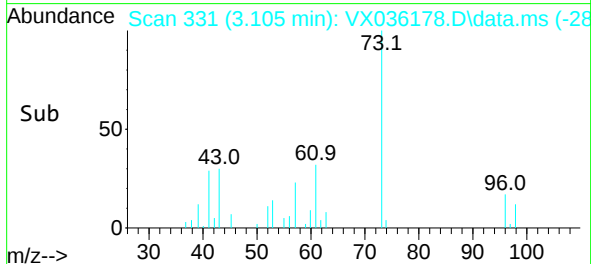
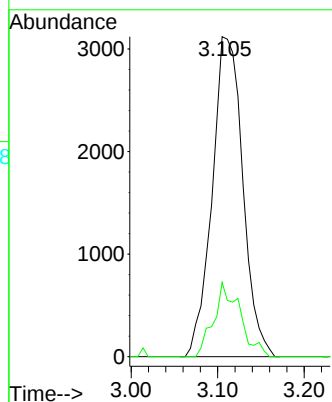
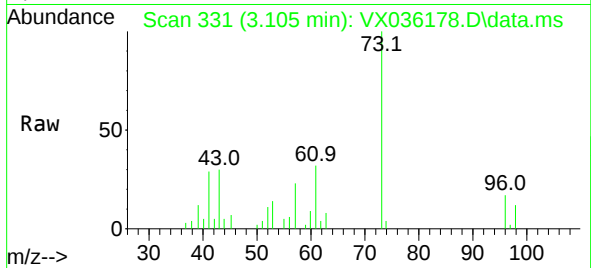




#19
Methyl tert-butyl Ether
Concen: 0.986 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

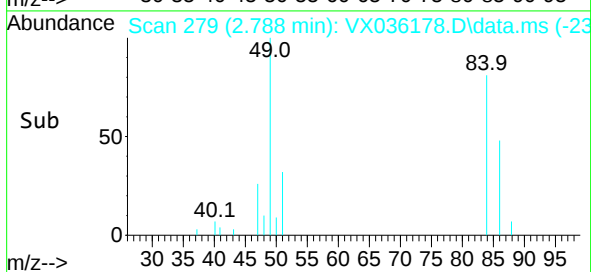
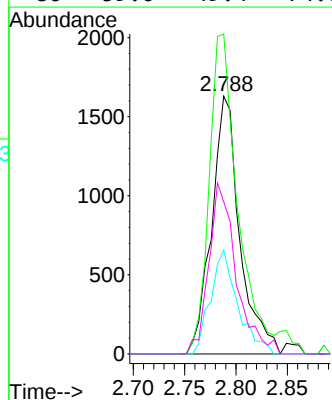
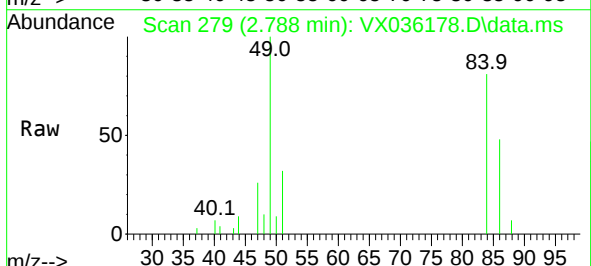
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

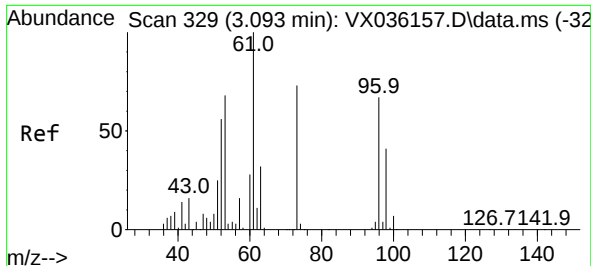
Tgt Ion: 73 Resp: 7667
Ion Ratio Lower Upper
73 100
57 23.2 17.3 25.9



#20
Methylene Chloride
Concen: 1.222 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 84 Resp: 3093
Ion Ratio Lower Upper
84 100
49 124.1 103.6 155.4
51 40.2 33.8 50.6
86 59.0 49.4 74.0

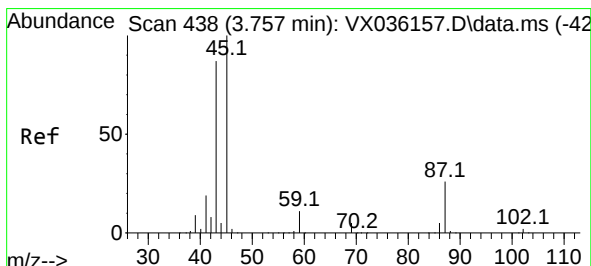
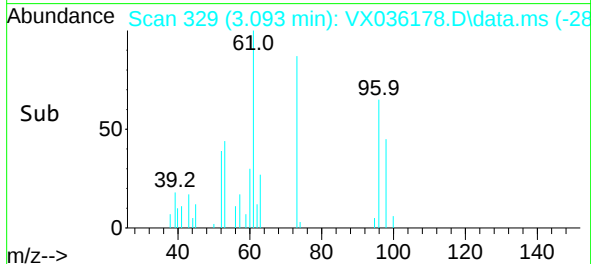
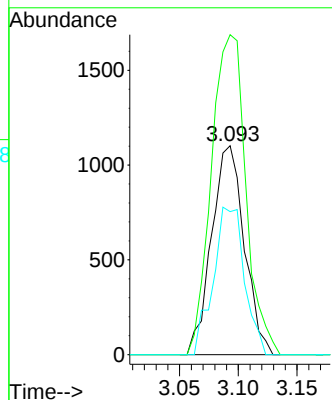
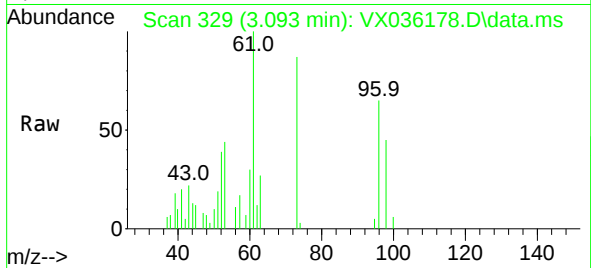




#21
trans-1,2-Dichloroethene
Concen: 0.967 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

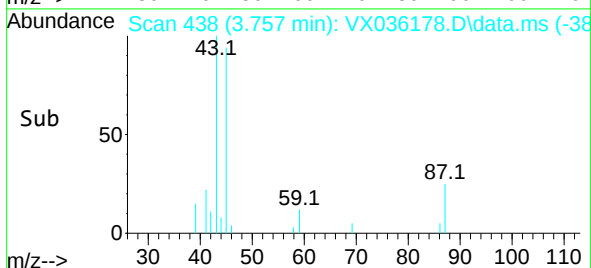
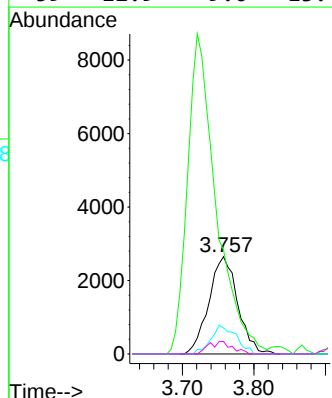
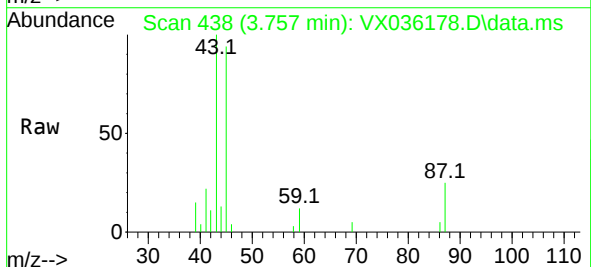
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

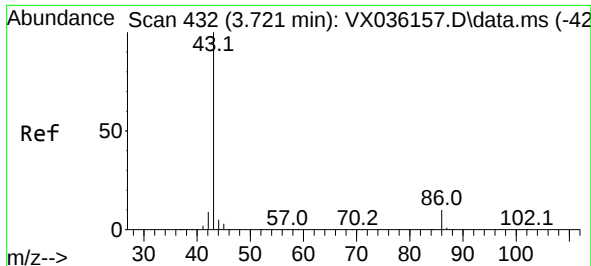
Tgt Ion: 96 Resp: 2134
Ion Ratio Lower Upper
96 100
61 153.2 119.2 178.8
98 68.4 48.7 73.1



#22
Diisopropyl ether
Concen: 0.928 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 45 Resp: 7422
Ion Ratio Lower Upper
45 100
43 99.1 69.7 104.5
87 26.6 20.8 31.2
59 12.9 9.0 13.4

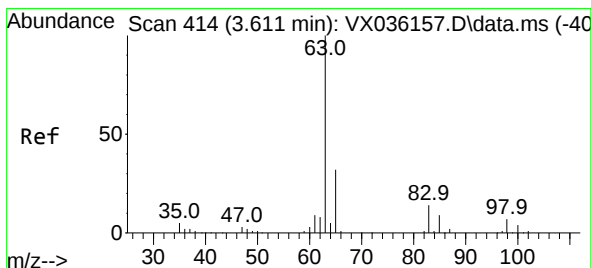
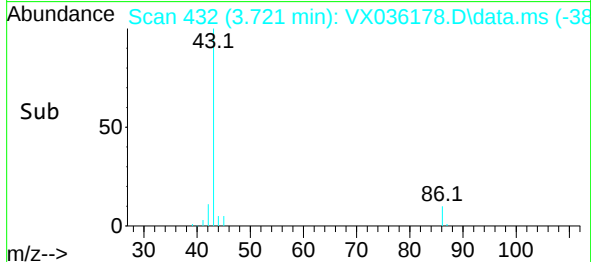
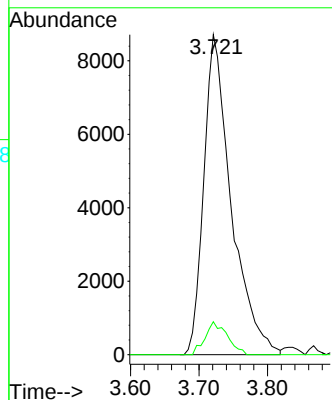
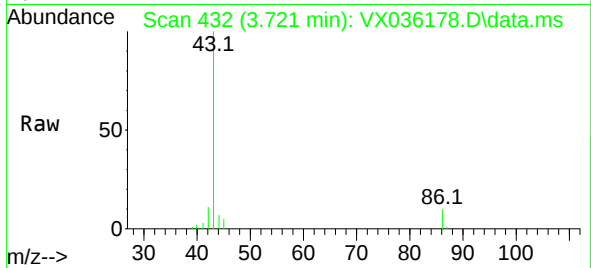




#23
 Vinyl Acetate
 Concen: 4.282 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036178.D
 Acq: 16 Jun 2023 12:03

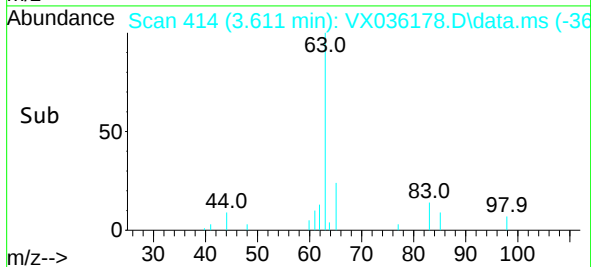
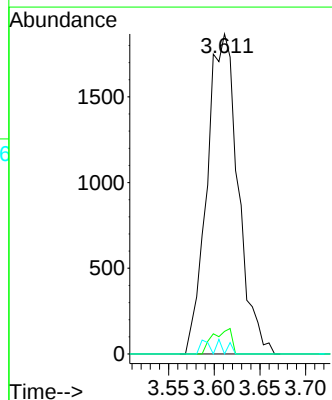
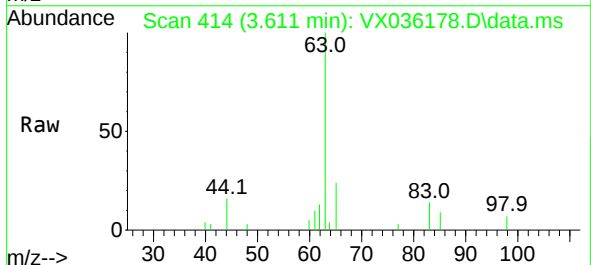
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

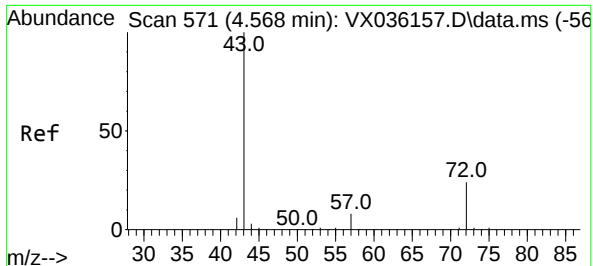
Tgt Ion: 43 Resp: 24278
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.998 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036178.D
 Acq: 16 Jun 2023 12:03

Tgt Ion: 63 Resp: 4411
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 0.0 2.1 6.5#

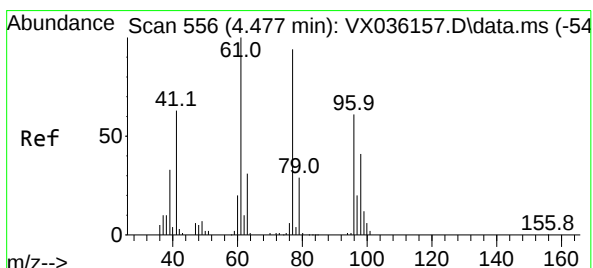
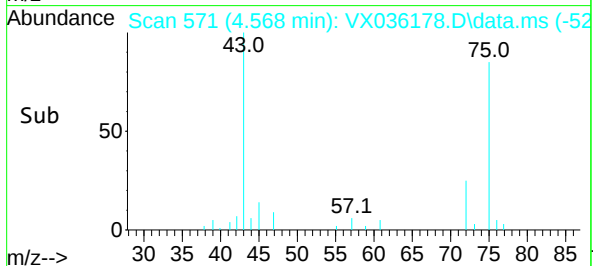
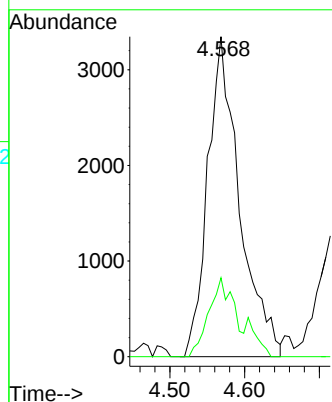
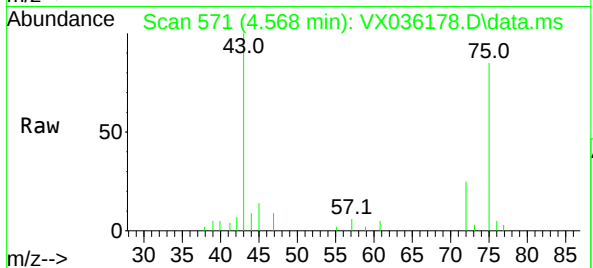




#25
2-Butanone
Concen: 5.070 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

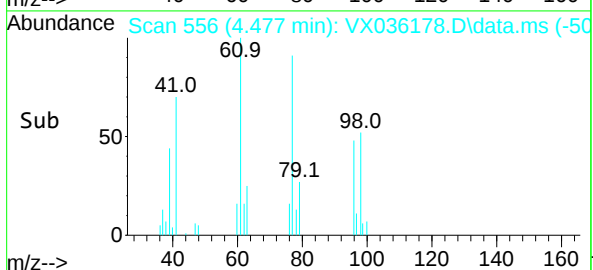
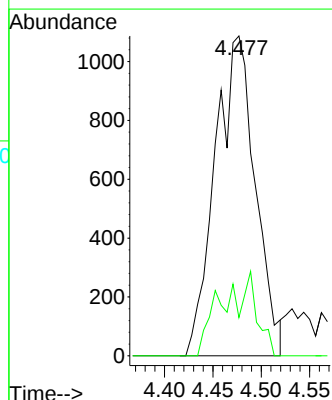
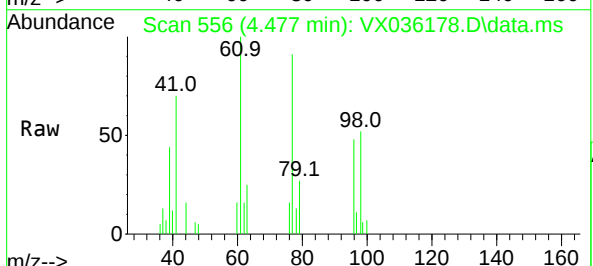
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

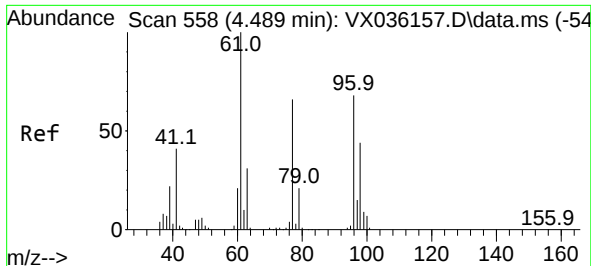
Tgt Ion: 43 Resp: 9916
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.912 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 77 Resp: 3136
Ion Ratio Lower Upper
77 100
97 9.2 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.877 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

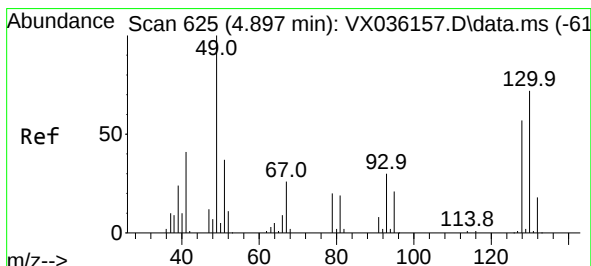
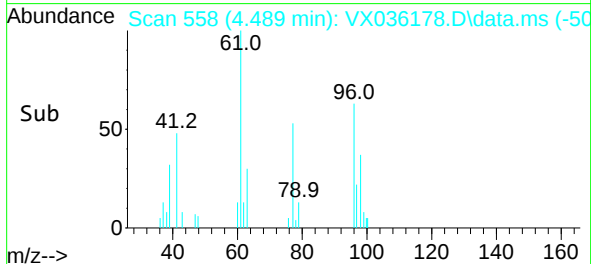
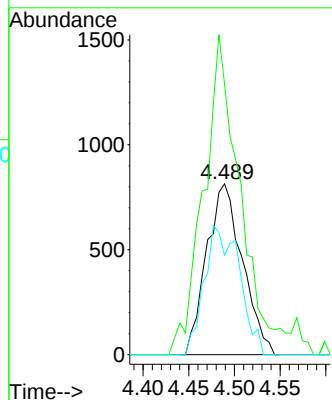
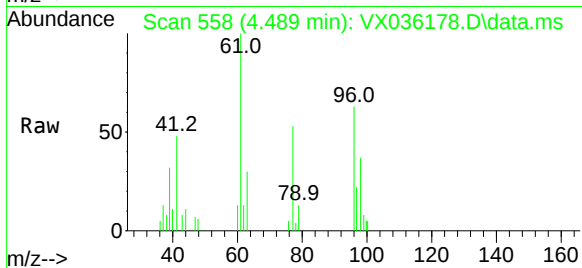
Tgt Ion: 96 Resp: 2215

Ion Ratio Lower Upper

96 100

61 189.6 0.0 312.2

98 74.3 0.0 129.0



#28

Bromochloromethane

Concen: 1.000 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

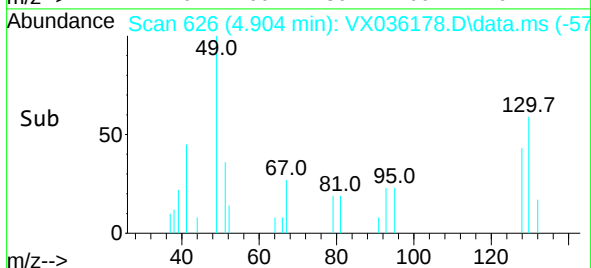
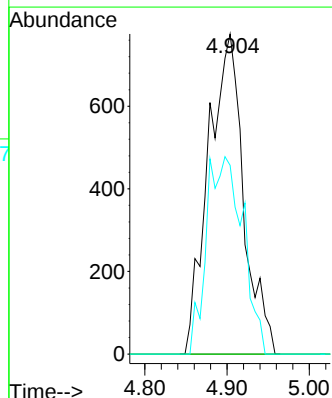
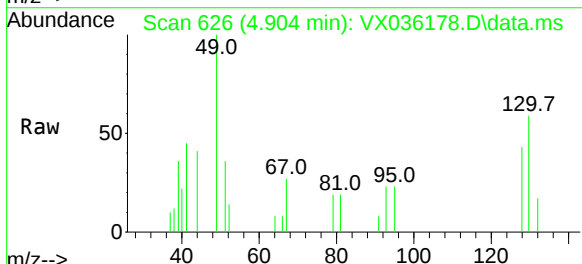
Tgt Ion: 49 Resp: 2303

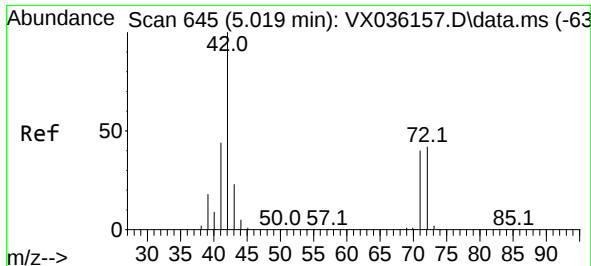
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 64.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 4.549 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

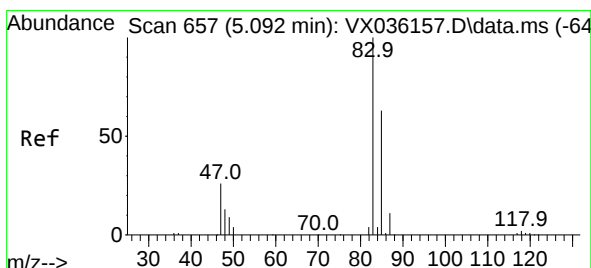
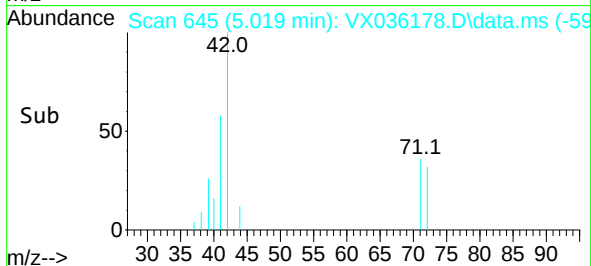
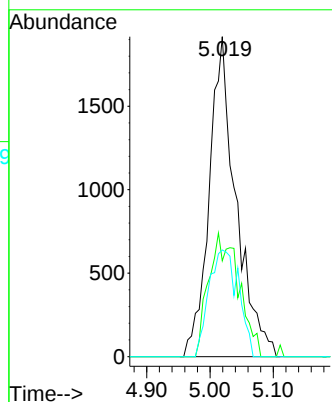
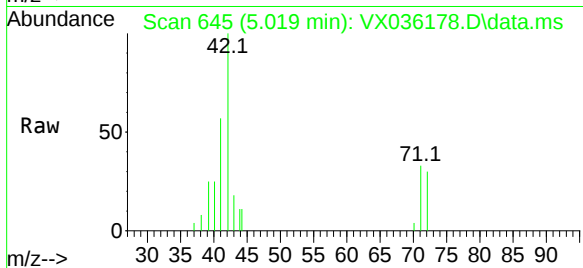
Tgt Ion: 42 Resp: 5650

Ion Ratio Lower Upper

42 100

72 21.1 34.2 51.4#

71 36.7 32.2 48.2



#30

Chloroform

Concen: 0.985 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX036178.D

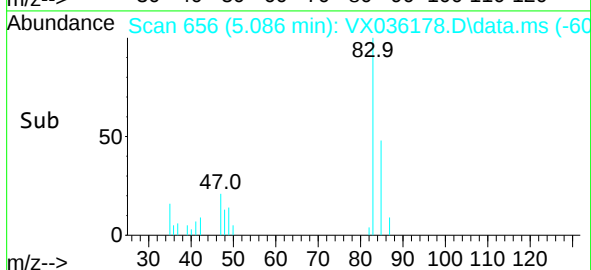
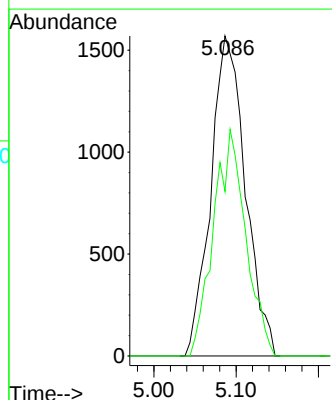
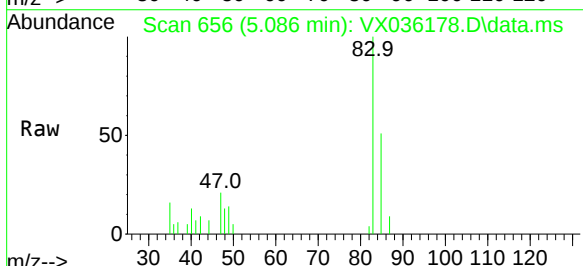
Acq: 16 Jun 2023 12:03

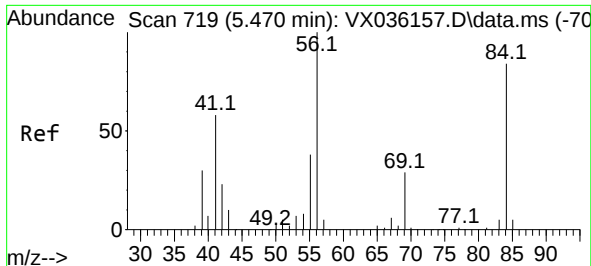
Tgt Ion: 83 Resp: 4585

Ion Ratio Lower Upper

83 100

85 51.4 50.3 75.5





#31

Cyclohexane

Concen: 0.916 ug/l

RT: 5.458 min Scan# 719

Delta R.T. -0.012 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

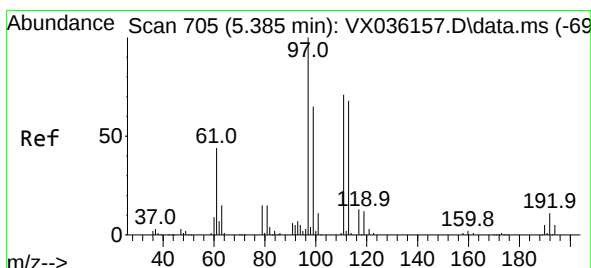
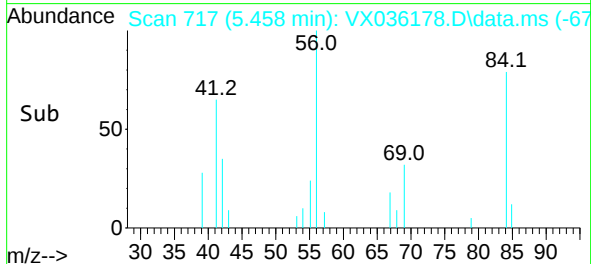
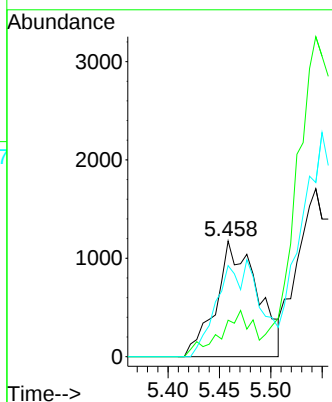
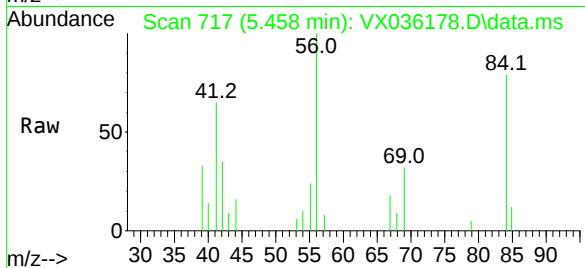
Tgt Ion: 56 Resp: 3306

Ion Ratio Lower Upper

56 100

69 31.5 23.4 35.2

84 78.7 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 0.934 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

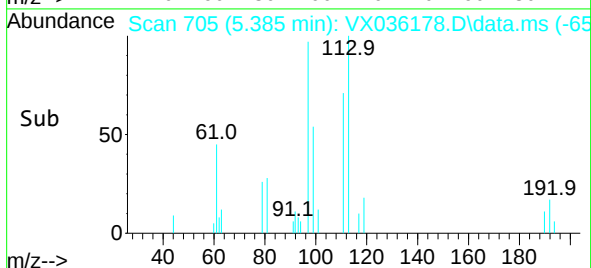
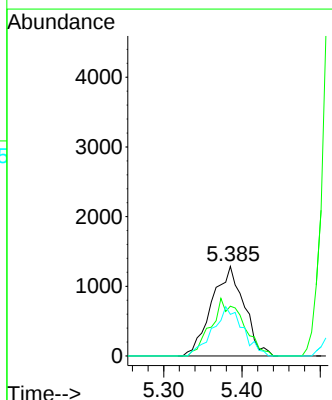
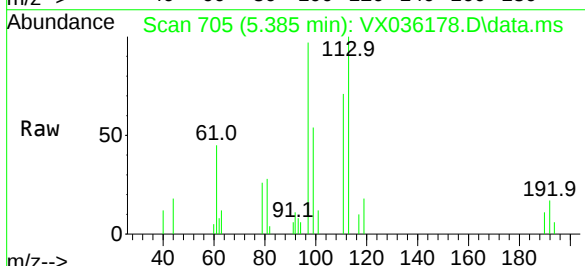
Tgt Ion: 97 Resp: 3686

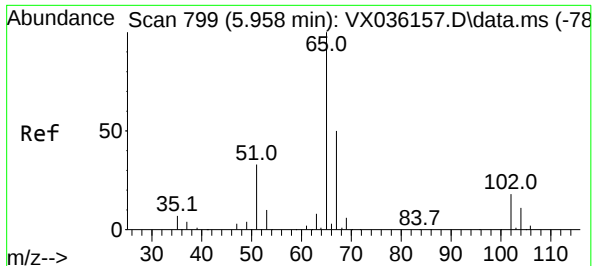
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 51.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 1.595 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

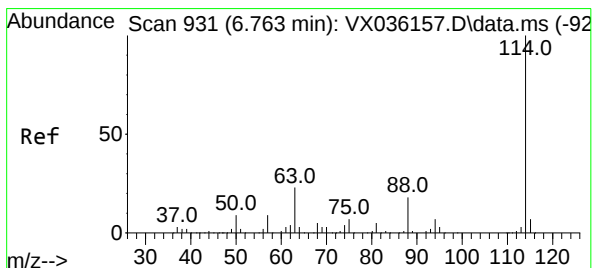
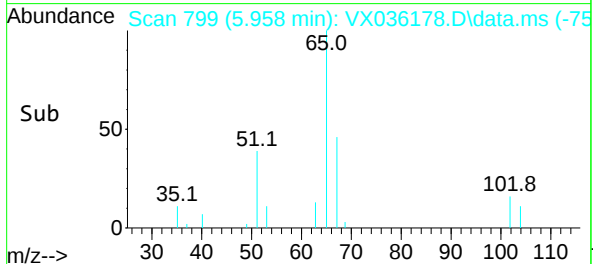
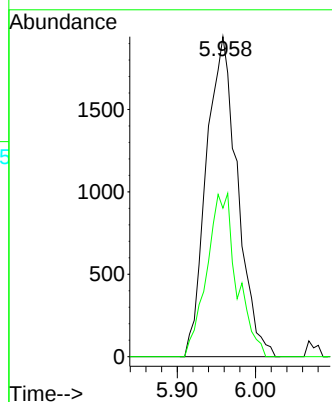
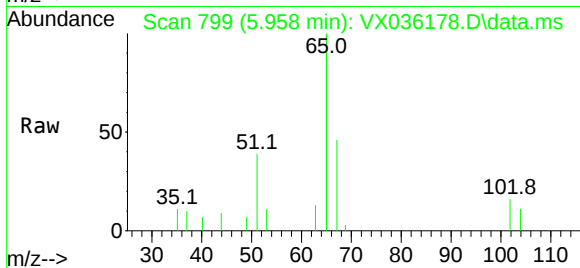
VSTDIC001

Tgt Ion: 65 Resp: 5363

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

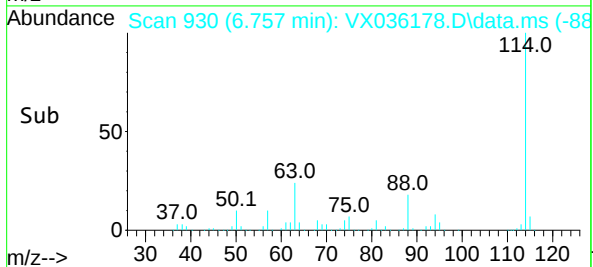
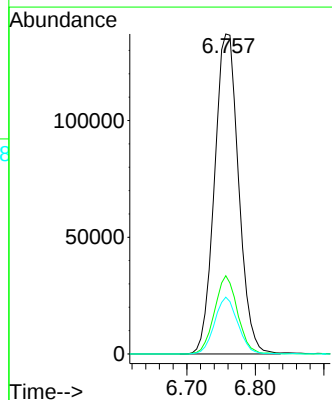
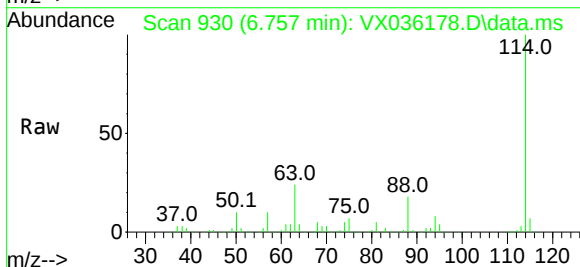
Tgt Ion: 114 Resp: 334327

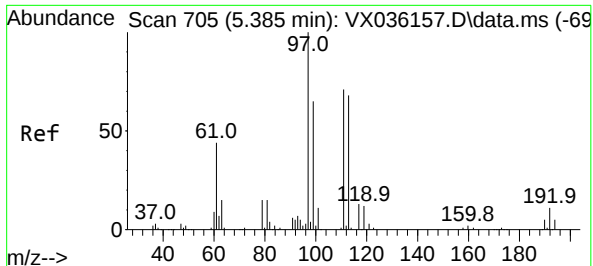
Ion Ratio Lower Upper

114 100

63 24.5 0.0 45.0

88 17.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 1.556 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

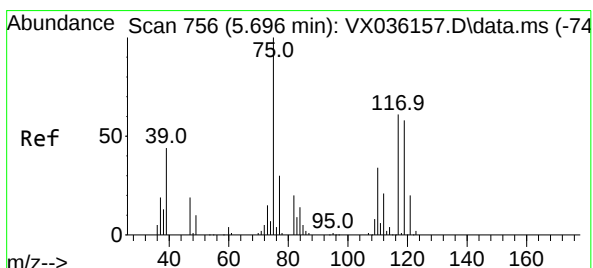
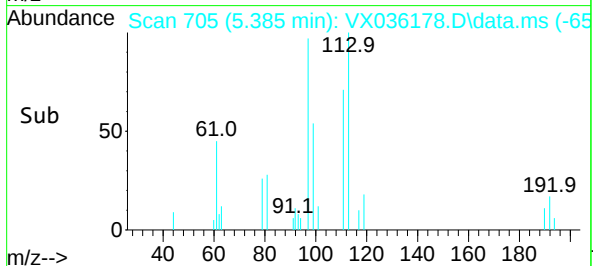
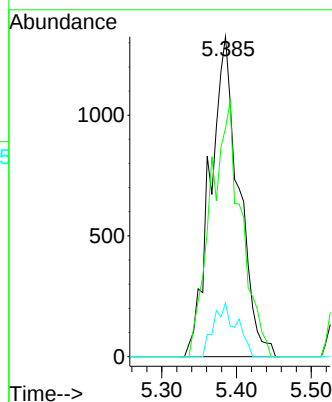
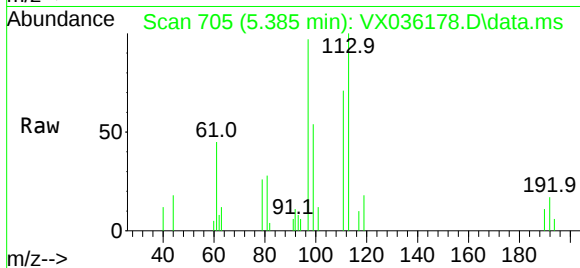
Tgt Ion:113 Resp: 3528

Ion Ratio Lower Upper

113 100

111 85.8 82.9 124.3

192 13.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 1.045 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

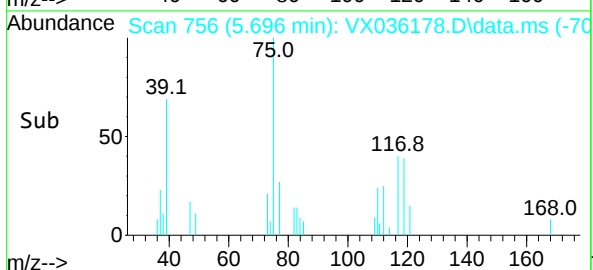
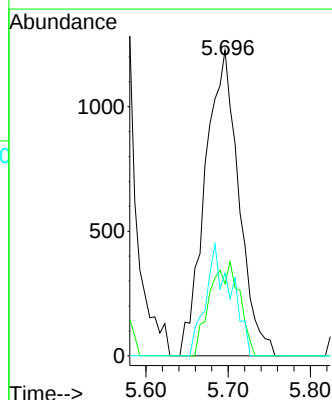
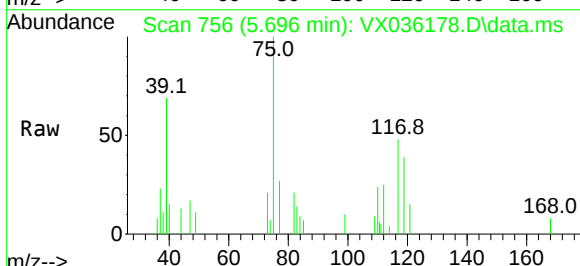
Tgt Ion: 75 Resp: 3491

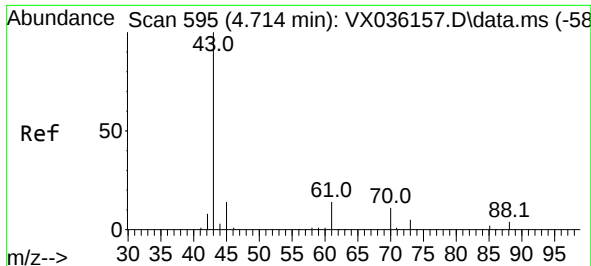
Ion Ratio Lower Upper

75 100

110 27.0 17.0 50.9

77 27.8 24.7 37.1





#37

Ethyl Acetate

Concen: 1.075 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.007 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

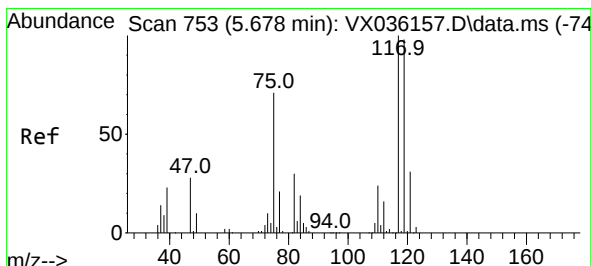
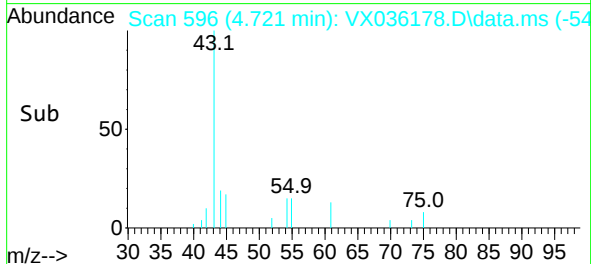
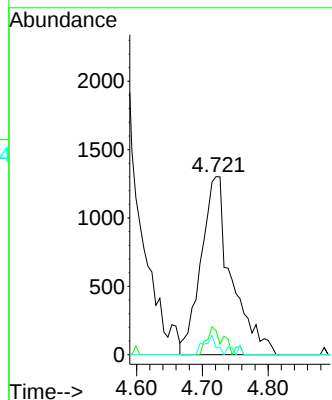
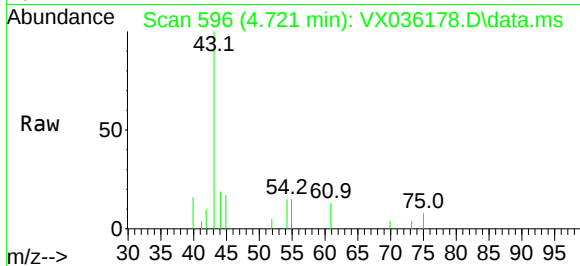
Tgt Ion: 43 Resp: 4181

Ion Ratio Lower Upper

43 100

61 9.0 10.6 16.0#

70 4.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.931 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

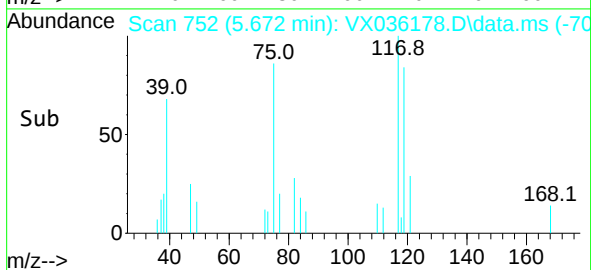
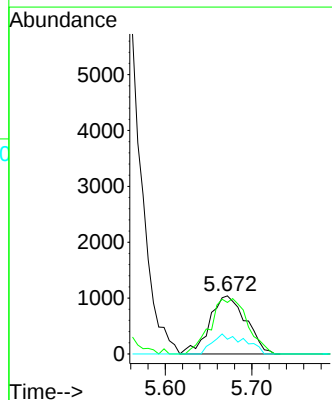
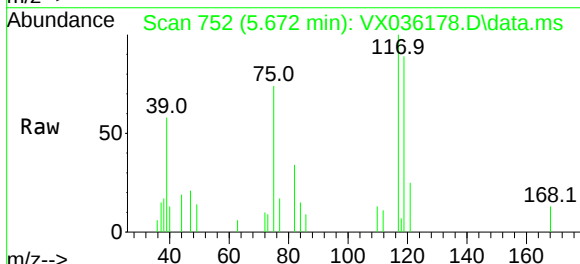
Tgt Ion: 117 Resp: 3021

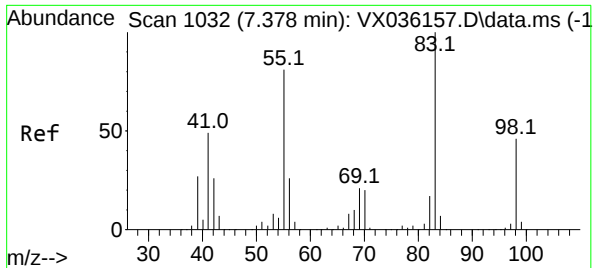
Ion Ratio Lower Upper

117 100

119 88.8 78.2 117.2

121 25.3 24.4 36.6





#39

Methylcyclohexane

Concen: 0.957 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

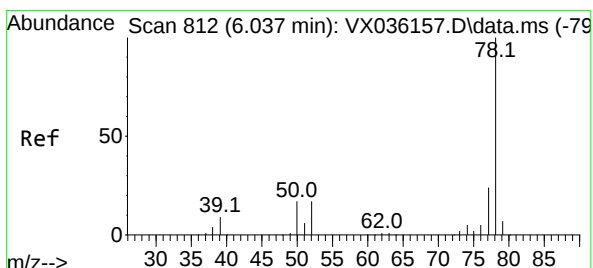
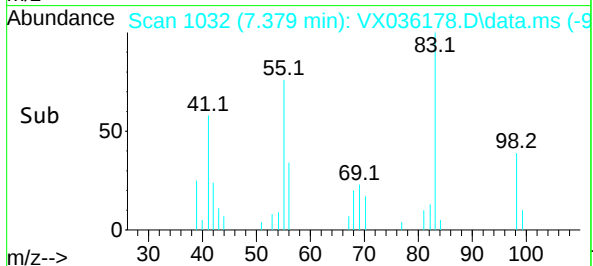
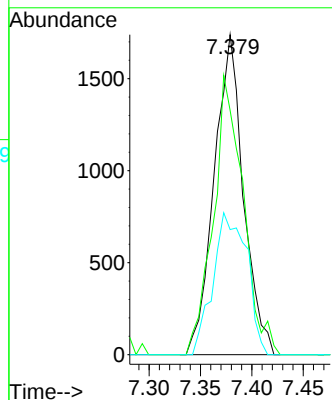
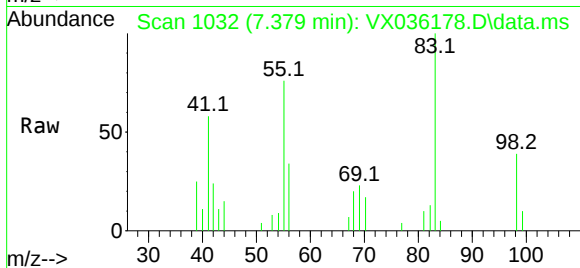
Tgt Ion: 83 Resp: 3443

Ion Ratio Lower Upper

83 100

55 76.4 64.6 97.0

98 39.1 36.7 55.1



#40

Benzene

Concen: 0.965 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036178.D

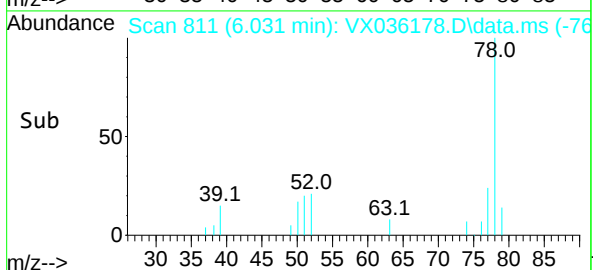
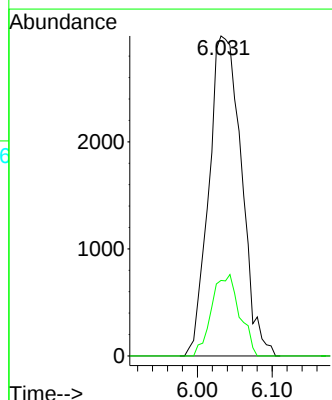
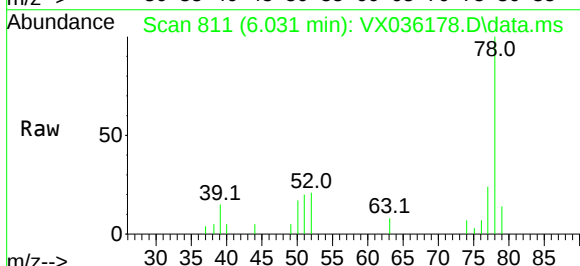
Acq: 16 Jun 2023 12:03

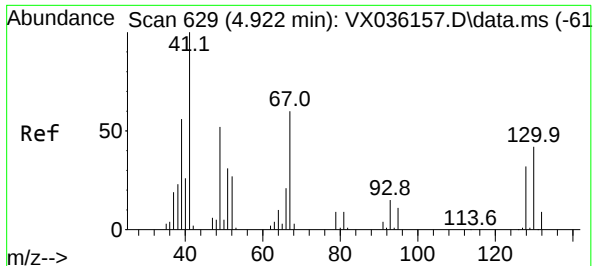
Tgt Ion: 78 Resp: 9058

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



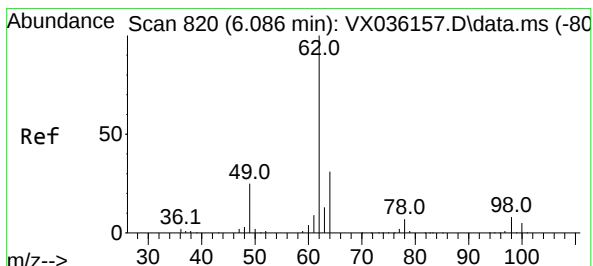
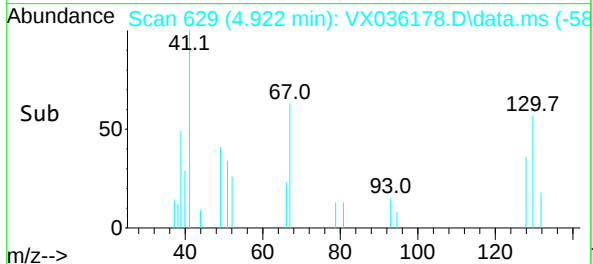
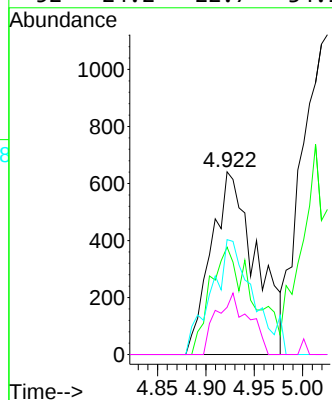
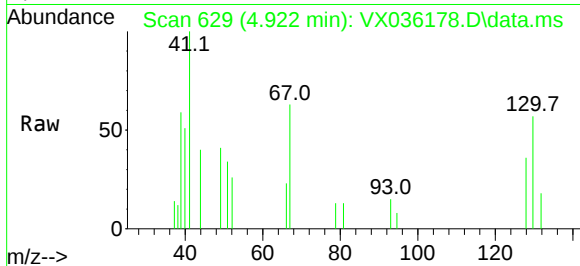


#41
Methacrylonitrile
Concen: 0.966 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 2073

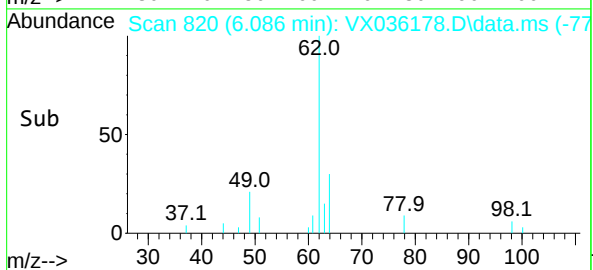
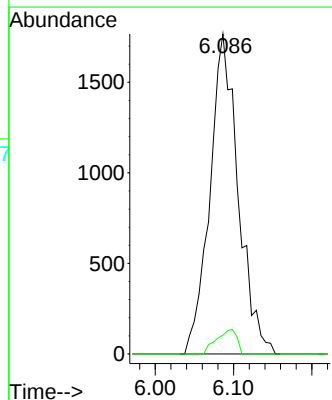
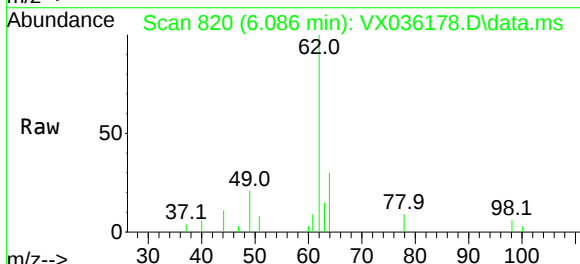
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.2	67.8
67	58.4	52.6	78.8
52	24.2	22.7	34.1

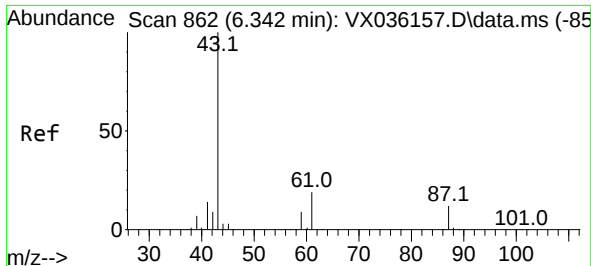


#42
1,2-Dichloroethane
Concen: 1.051 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 62 Resp: 4445

Ion	Ratio	Lower	Upper
62	100		
98	5.5	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.869 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

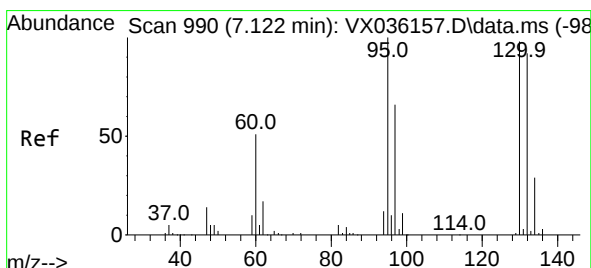
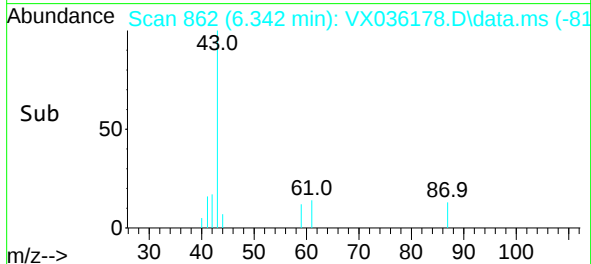
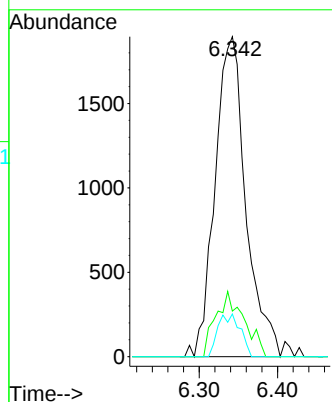
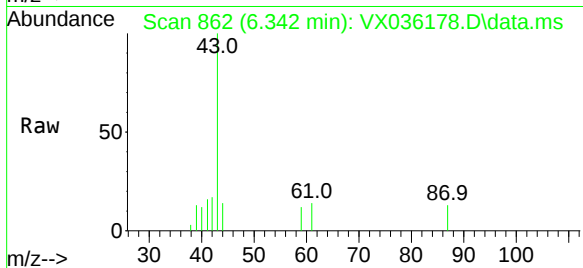
Tgt Ion: 43 Resp: 5174

Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

87 9.7 9.8 14.6#



#44

Trichloroethene

Concen: 0.971 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036178.D

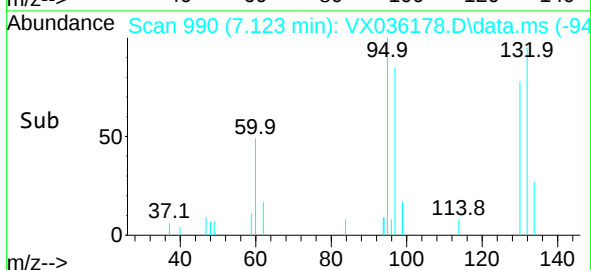
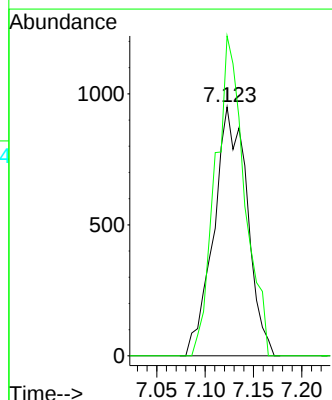
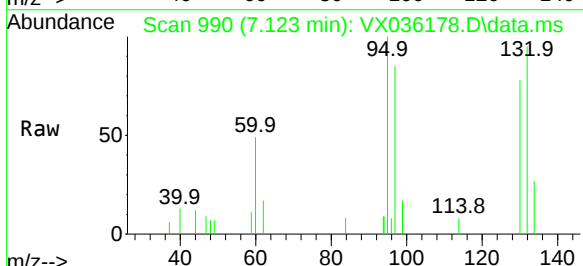
Acq: 16 Jun 2023 12:03

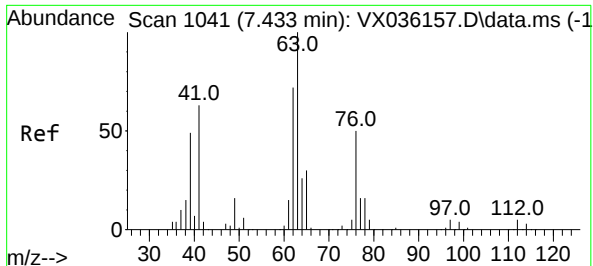
Tgt Ion: 130 Resp: 2278

Ion Ratio Lower Upper

130 100

95 128.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.973 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

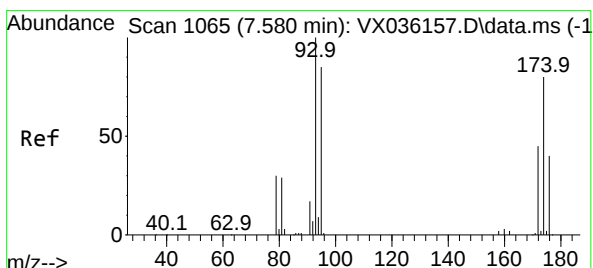
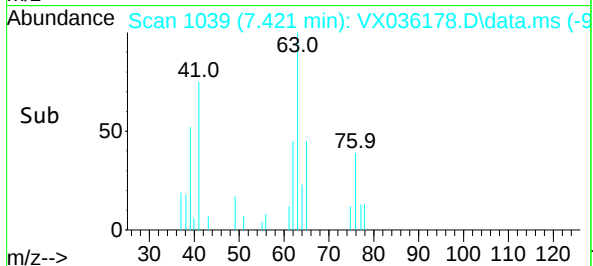
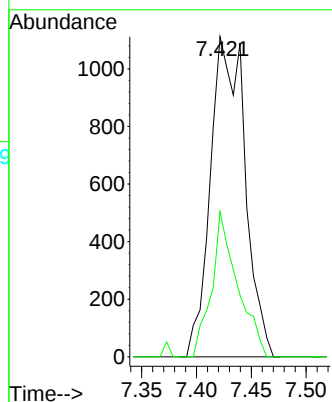
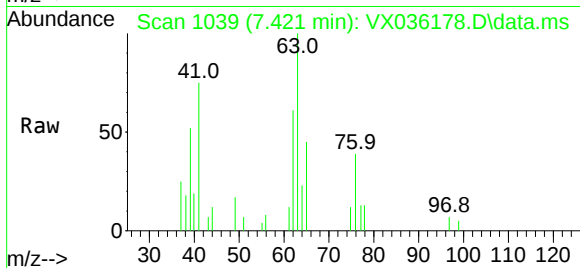
VSTDIC001

Tgt Ion: 63 Resp: 2430

Ion Ratio Lower Upper

63 100

65 45.3 24.3 36.5#



#46

Dibromomethane

Concen: 0.956 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

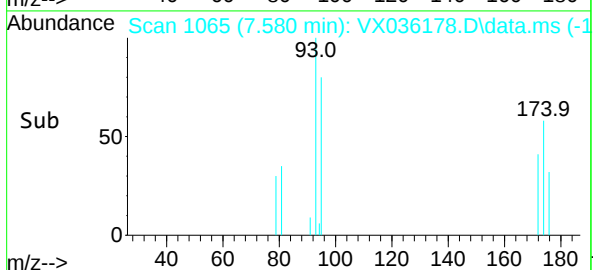
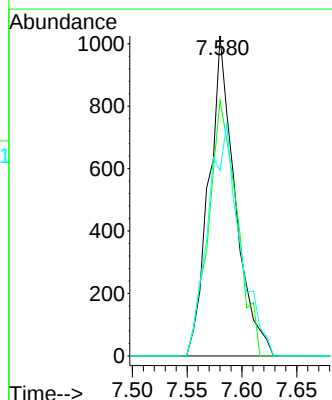
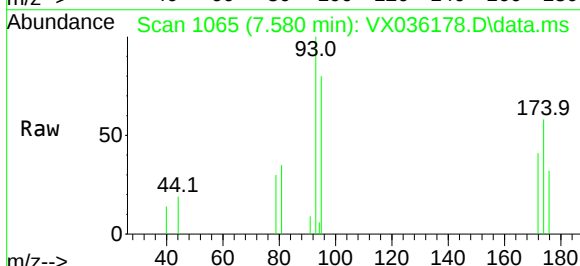
Tgt Ion: 93 Resp: 1700

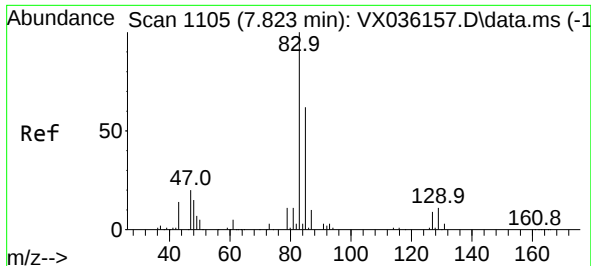
Ion Ratio Lower Upper

93 100

95 86.7 66.6 100.0

174 88.0 69.4 104.0

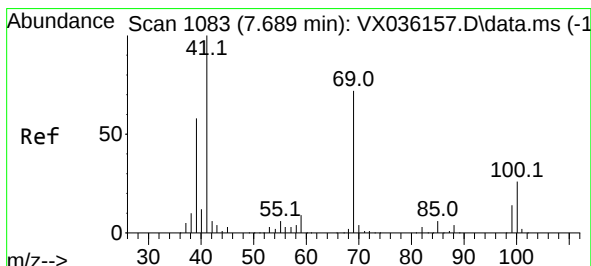
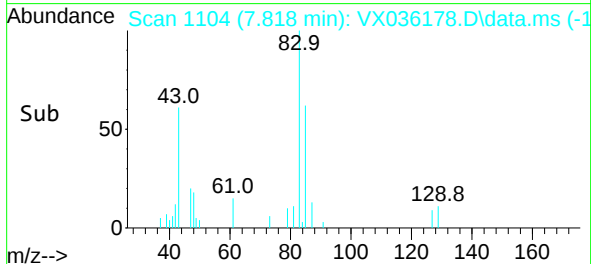
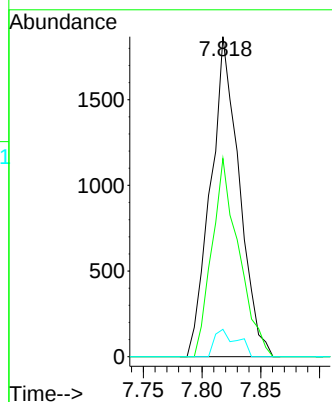
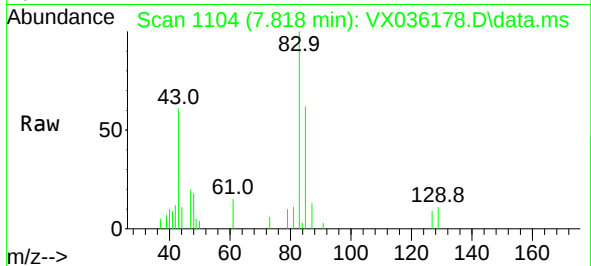




#47
Bromodichloromethane
Concen: 0.927 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

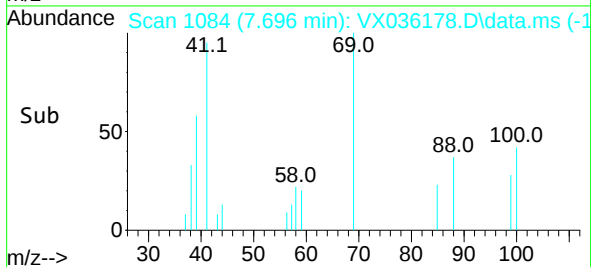
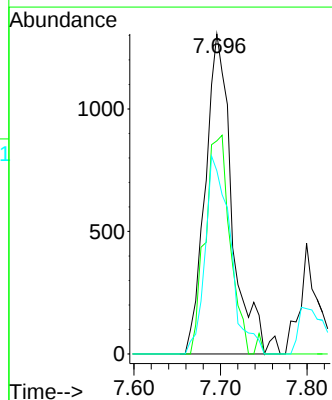
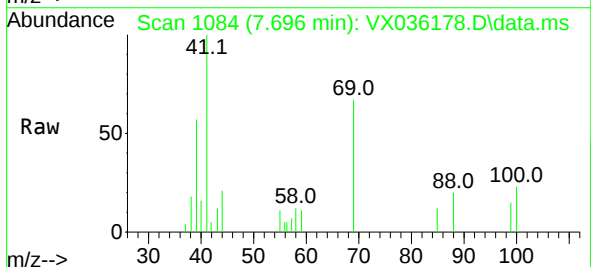
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

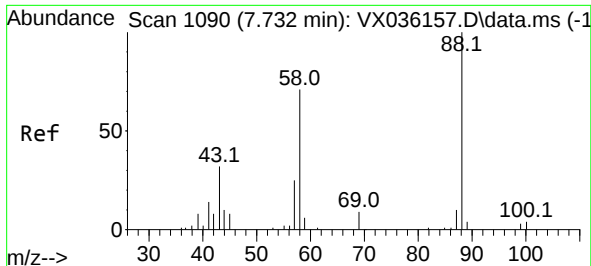
Tgt Ion: 83 Resp: 3166
Ion Ratio Lower Upper
83 100
85 61.9 49.8 74.6
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 0.920 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 41 Resp: 2811
Ion Ratio Lower Upper
41 100
69 63.5 59.2 88.8
39 58.2 47.7 71.5





#49

1,4-Dioxane

Concen: 17.595 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

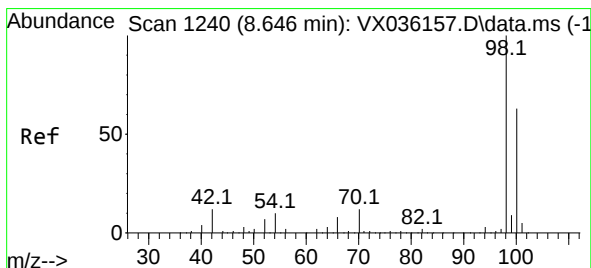
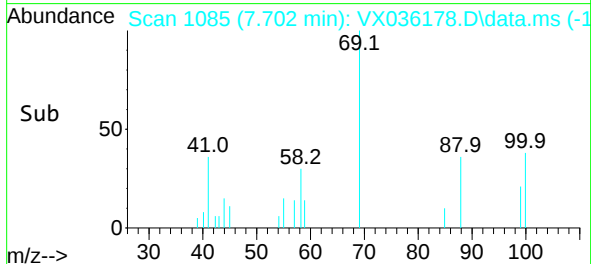
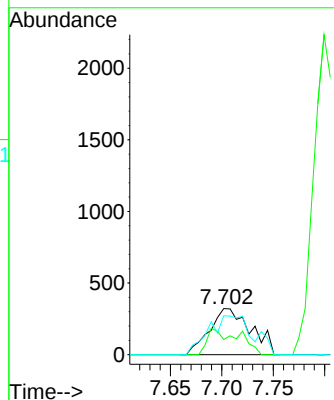
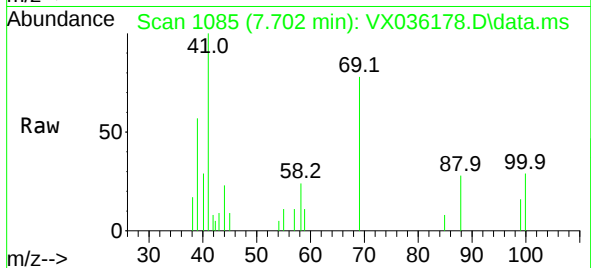
Tgt Ion: 88 Resp: 900

Ion Ratio Lower Upper

88 100

43 21.2 0.0 0.0#

58 90.9 60.1 90.1#



#50

Toluene-d8

Concen: 1.441 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036178.D

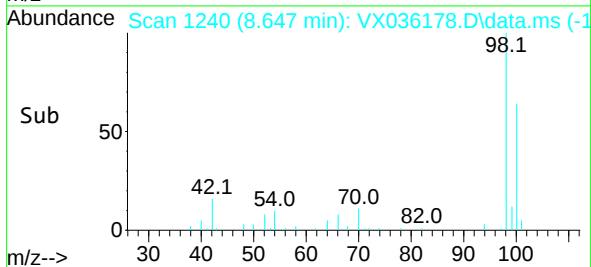
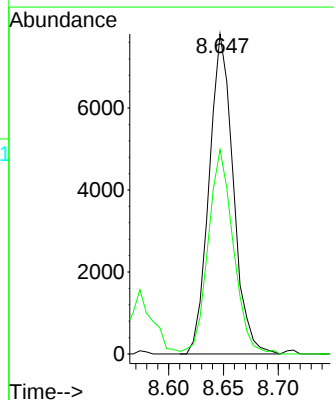
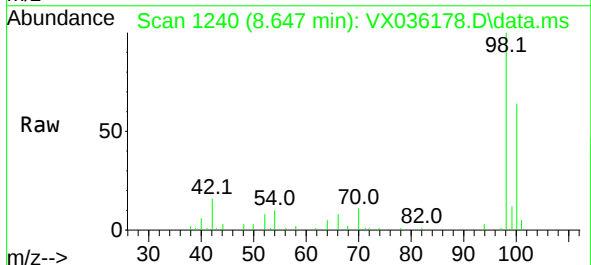
Acq: 16 Jun 2023 12:03

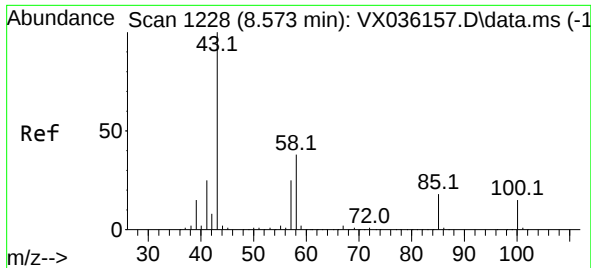
Tgt Ion: 98 Resp: 11953

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

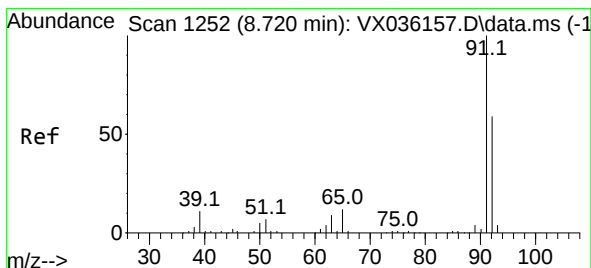
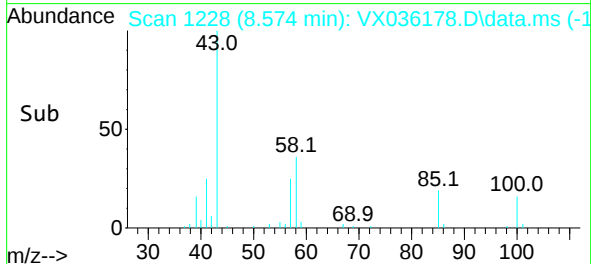
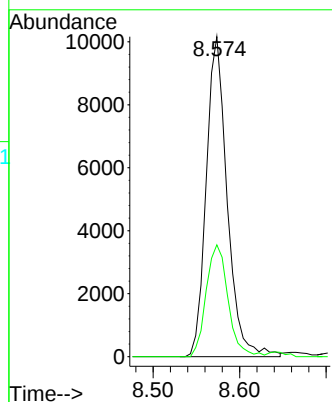
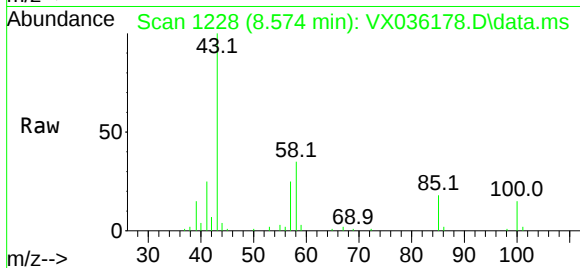




#51
4-Methyl-2-Pentanone
Concen: 4.536 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

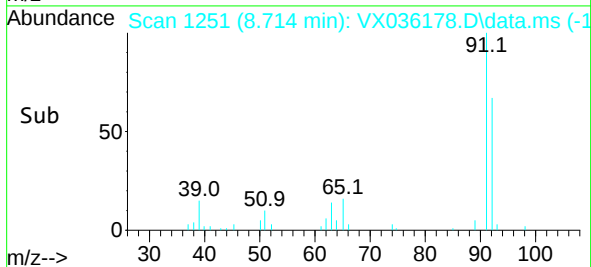
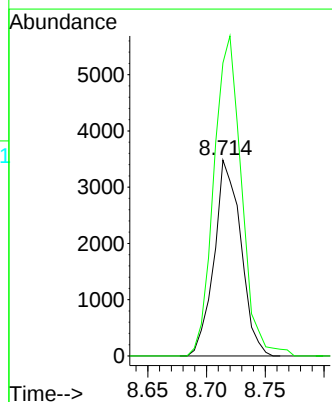
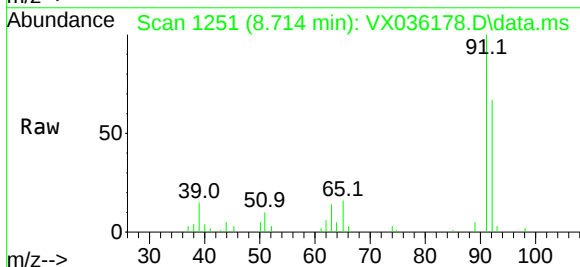
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

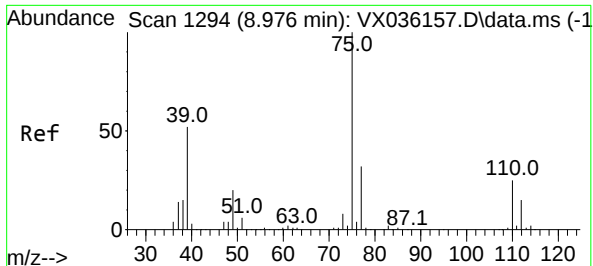
Tgt Ion: 43 Resp: 17053
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6



#52
Toluene
Concen: 0.936 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 92 Resp: 5506
Ion Ratio Lower Upper
92 100
91 168.8 134.2 201.2

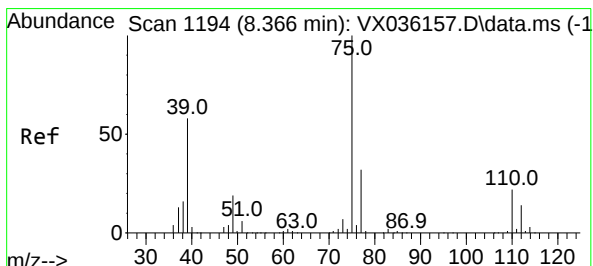
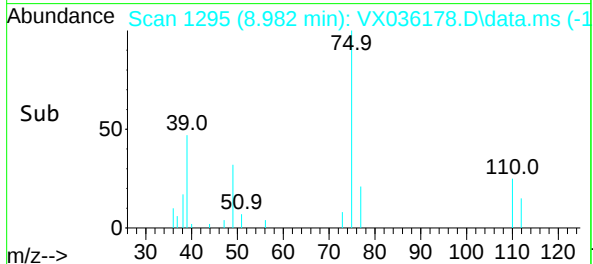
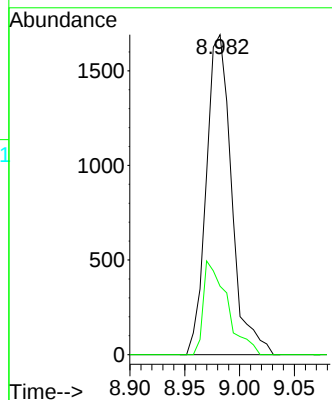
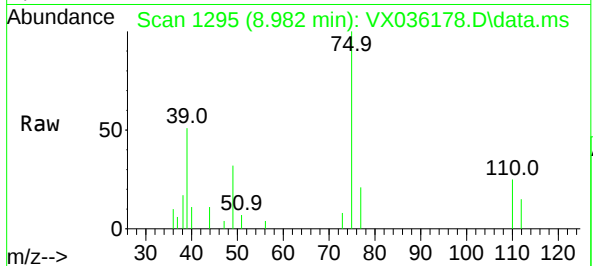




#53
 t-1,3-Dichloropropene
 Concen: 3.016 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.006 min
 Lab File: VX036178.D
 Acq: 16 Jun 2023 12:03

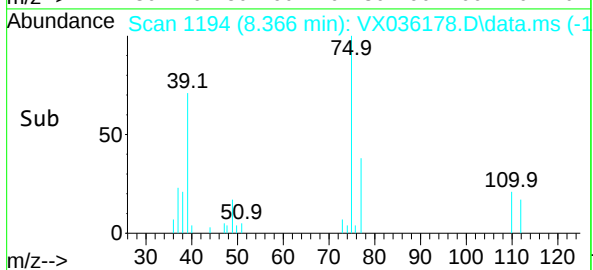
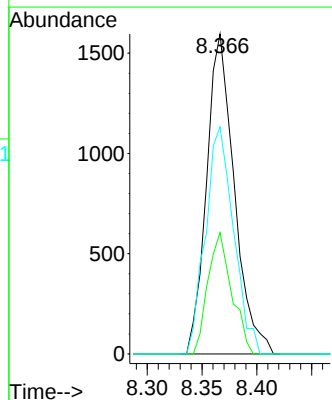
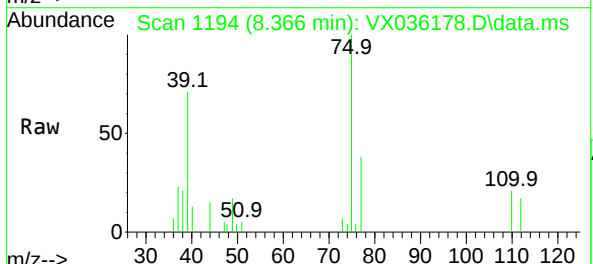
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

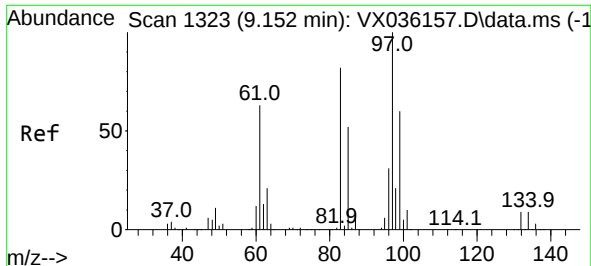
Tgt Ion: 75 Resp: 2713
 Ion Ratio Lower Upper
 75 100
 77 21.4 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 2.216 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036178.D
 Acq: 16 Jun 2023 12:03

Tgt Ion: 75 Resp: 2807
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.3 37.9#
 39 70.9 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 0.935 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.005 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2269

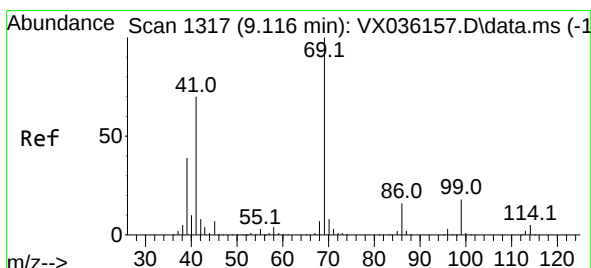
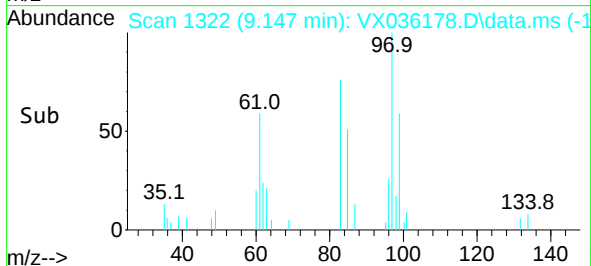
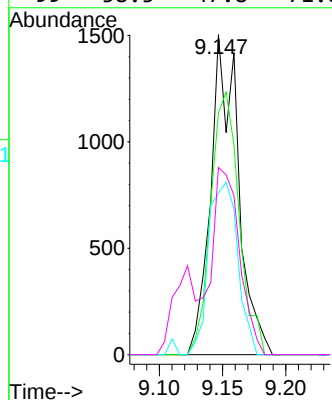
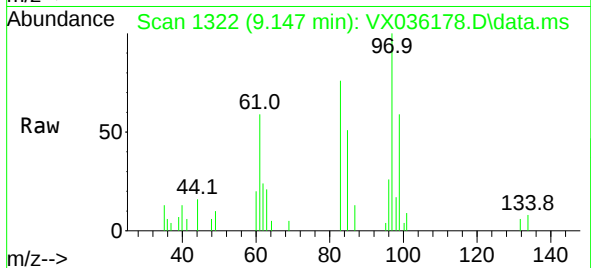
Ion Ratio Lower Upper

97 100

83 75.6 65.8 98.8

85 50.5 41.6 62.4

99 58.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 2.555 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

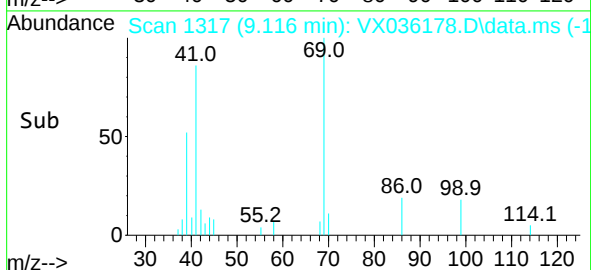
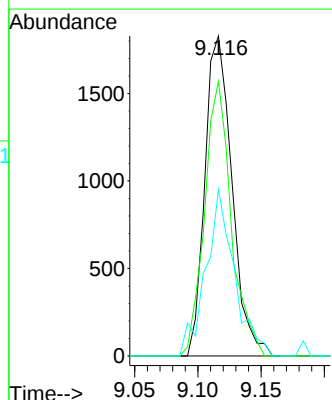
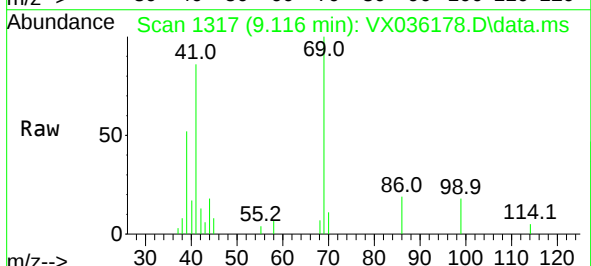
Tgt Ion: 69 Resp: 2724

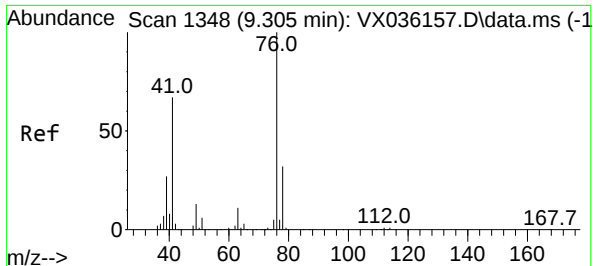
Ion Ratio Lower Upper

69 100

41 84.6 56.8 85.2

39 54.7 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.983 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

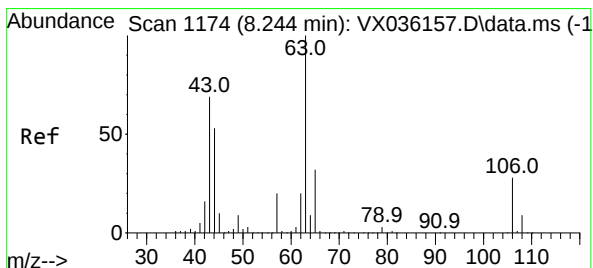
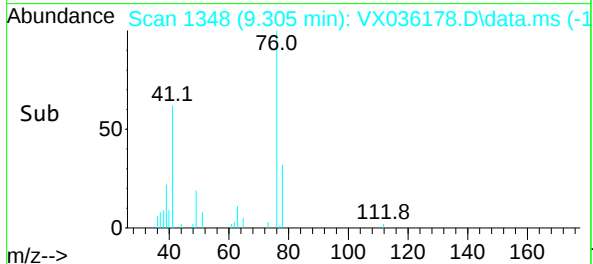
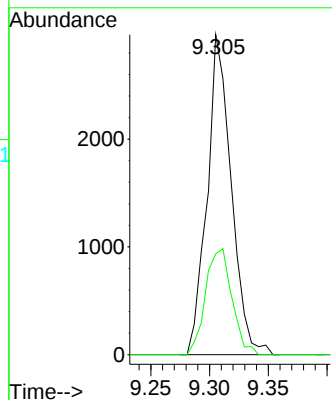
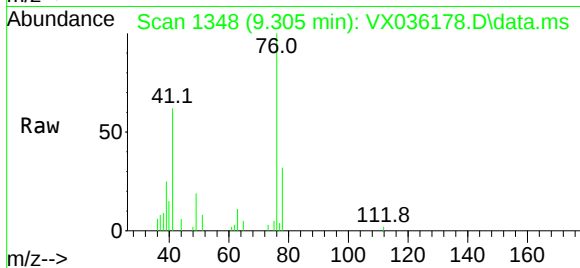
VSTDIC001

Tgt Ion: 76 Resp: 4245

Ion Ratio Lower Upper

76 100

78 36.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 4.305 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036178.D

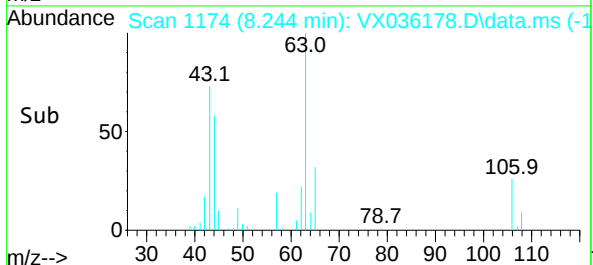
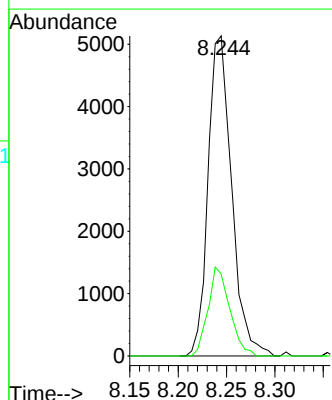
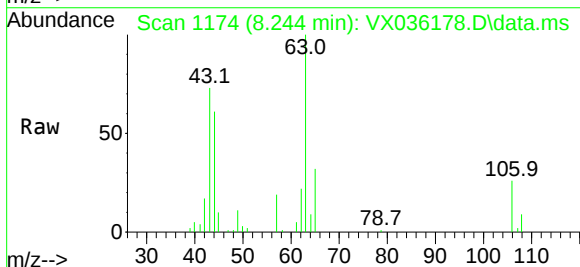
Acq: 16 Jun 2023 12:03

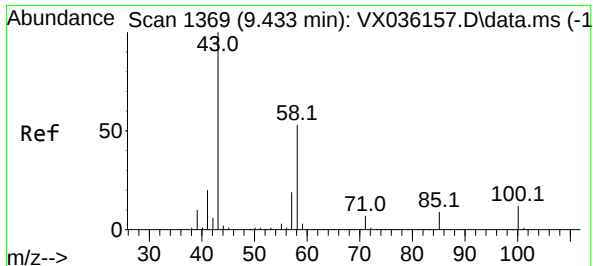
Tgt Ion: 63 Resp: 8700

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7





#59

2-Hexanone

Concen: 4.365 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

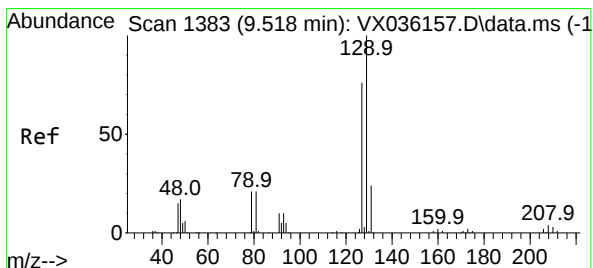
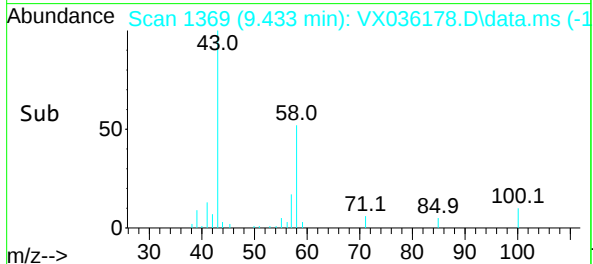
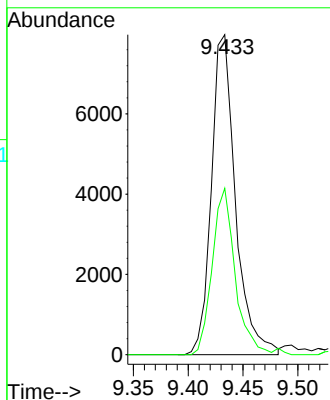
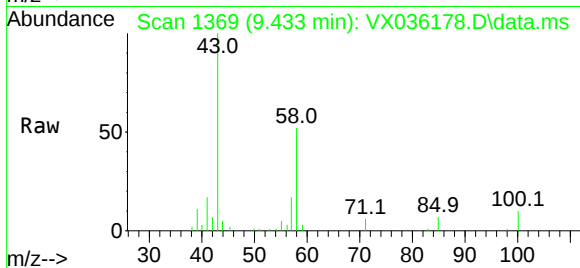
VSTDIC001

Tgt Ion: 43 Resp: 12202

Ion Ratio Lower Upper

43 100

58 50.0 26.2 78.5



#60

Dibromochloromethane

Concen: 0.852 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036178.D

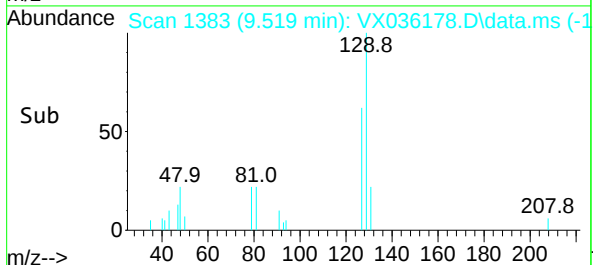
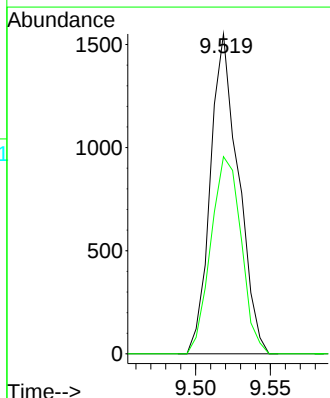
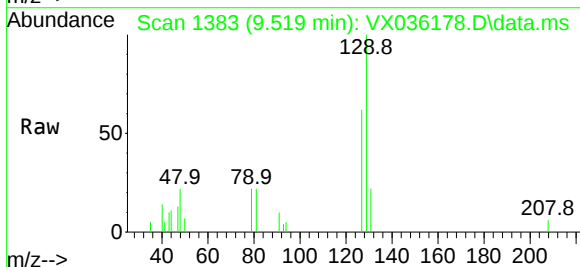
Acq: 16 Jun 2023 12:03

Tgt Ion: 129 Resp: 2019

Ion Ratio Lower Upper

129 100

127 66.7 38.8 116.4

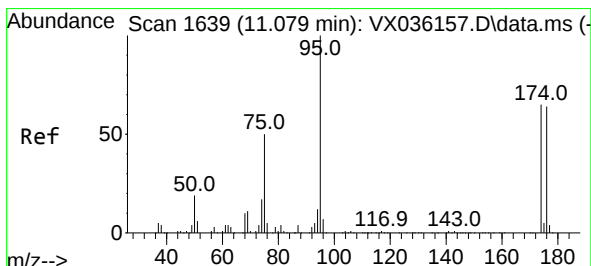
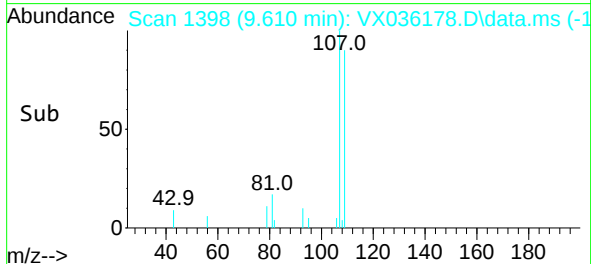
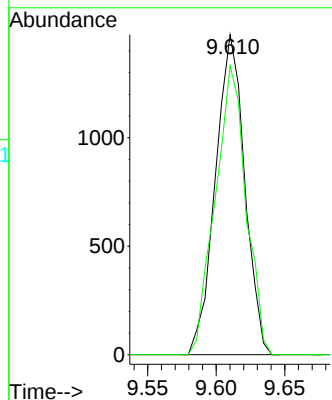
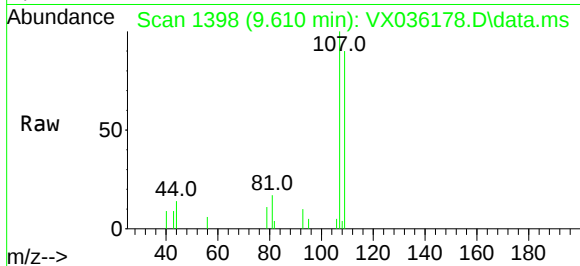




#61
1,2-Dibromoethane
Concen: 0.866 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

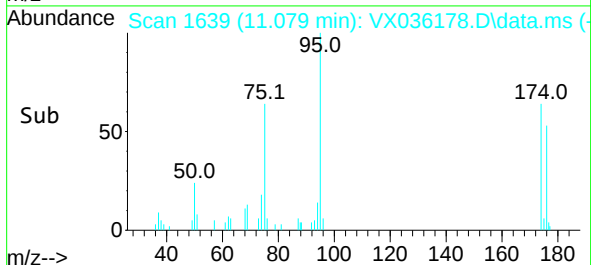
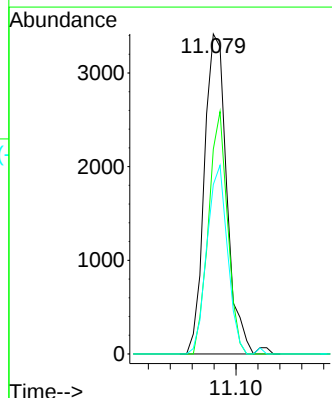
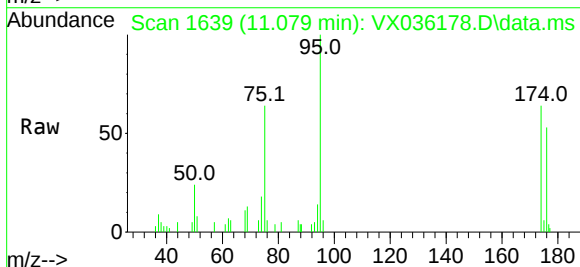
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

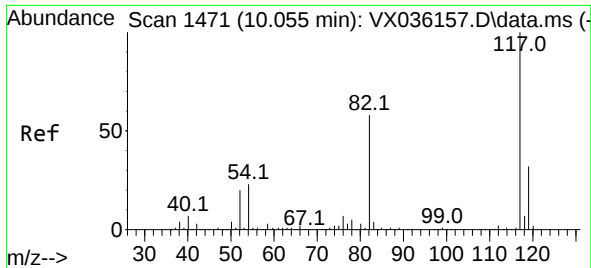
Tgt Ion:107 Resp: 2192
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 1.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 95 Resp: 4858
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.6
176 53.9 0.0 131.0

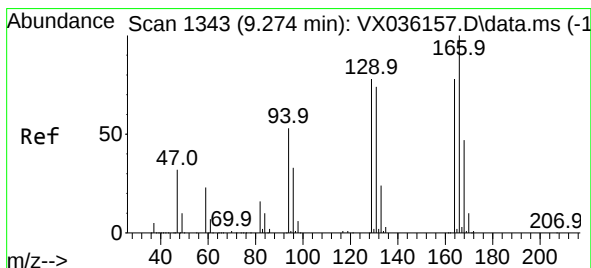
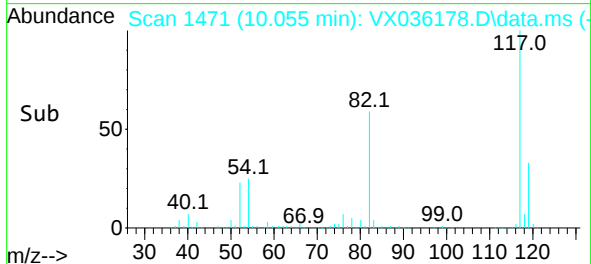
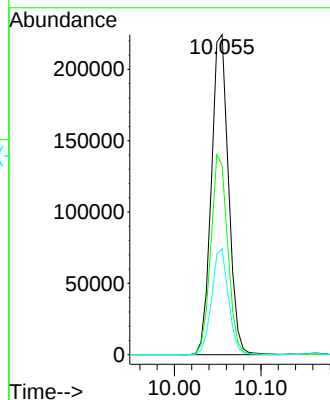
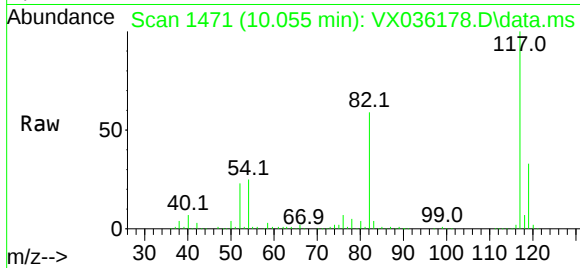




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

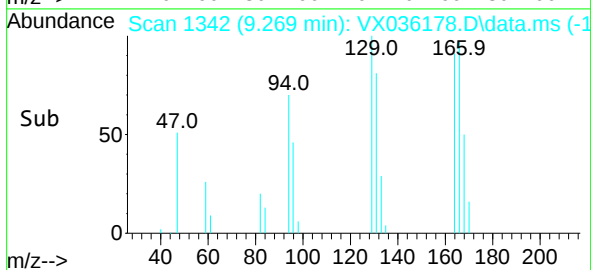
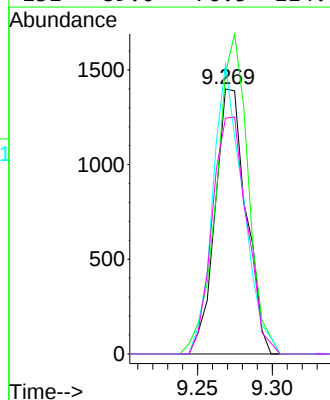
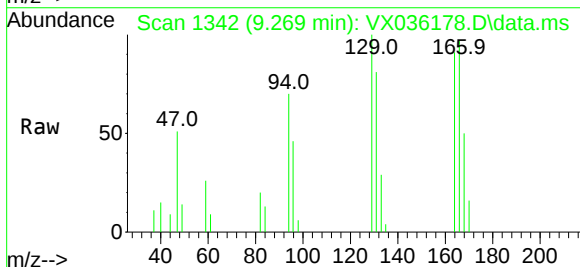
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

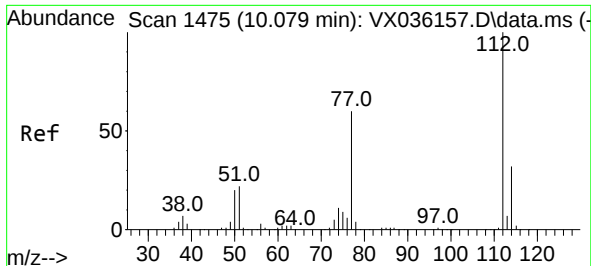
Tgt Ion:117 Resp: 308647
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 33.2 25.5 38.3



#64
Tetrachloroethene
Concen: 1.053 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion:164 Resp: 2023
Ion Ratio Lower Upper
164 100
166 106.1 102.7 154.1
129 109.4 80.4 120.6
131 89.0 76.5 114.7

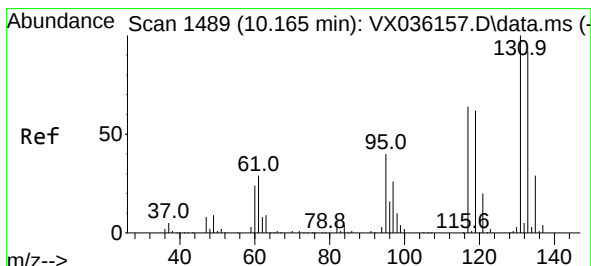
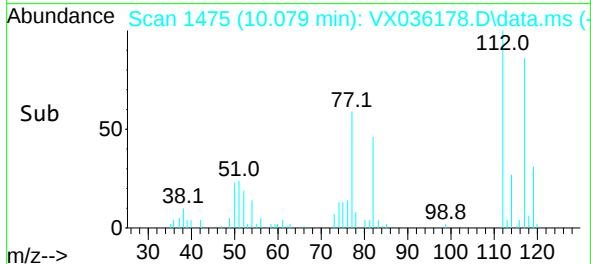
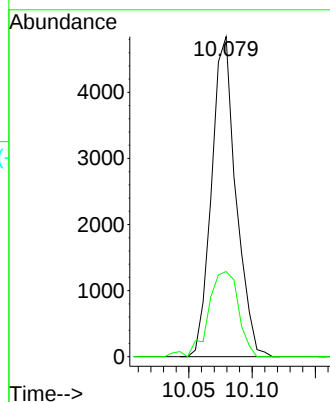
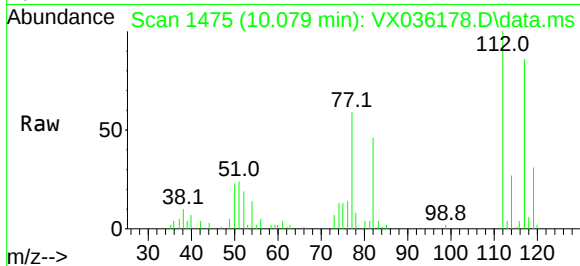




#65
Chlorobenzene
Concen: 1.014 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

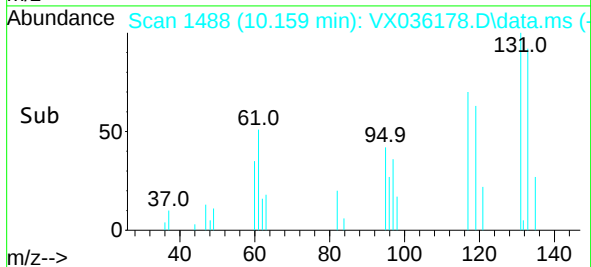
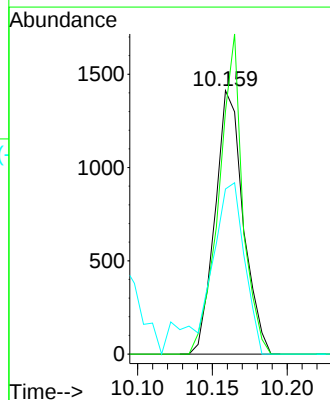
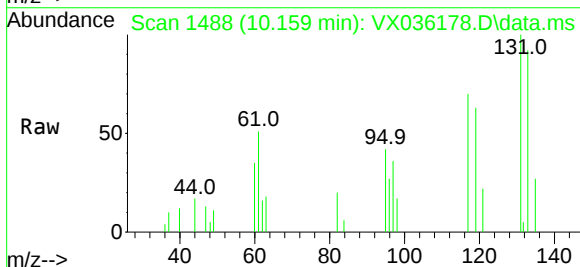
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

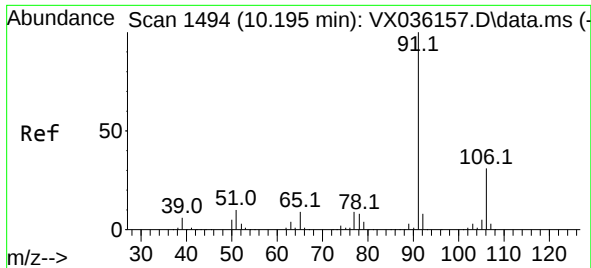
Tgt Ion:112 Resp: 6488
Ion Ratio Lower Upper
112 100
114 26.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.837 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion:131 Resp: 1848
Ion Ratio Lower Upper
131 100
133 102.4 47.1 141.4
119 0.0 32.2 96.6#

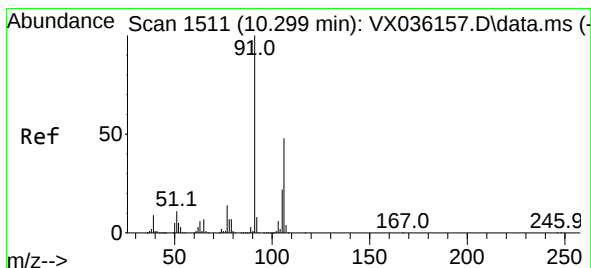
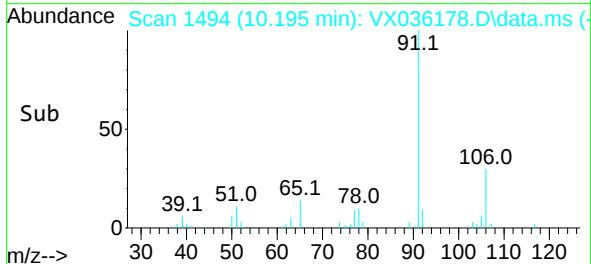
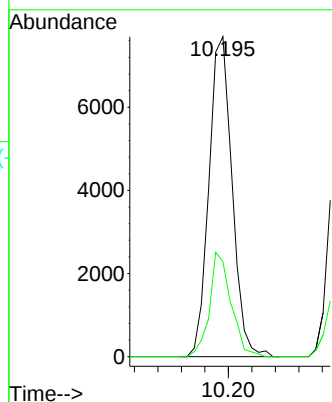
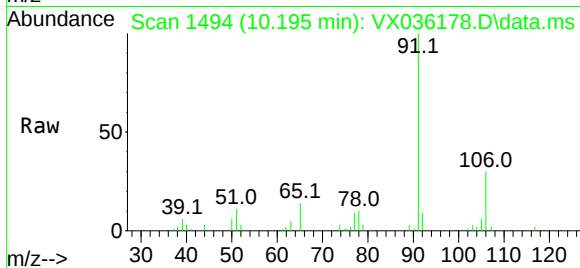




#67
Ethyl Benzene
Concen: 0.921 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

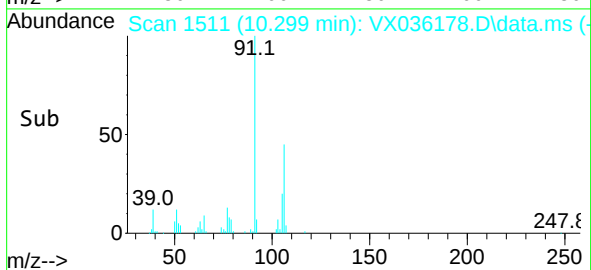
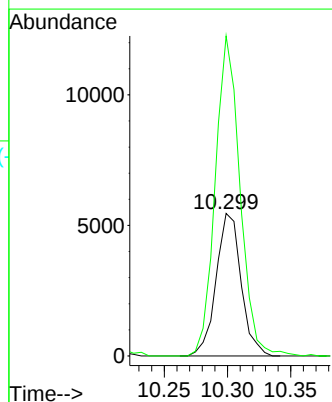
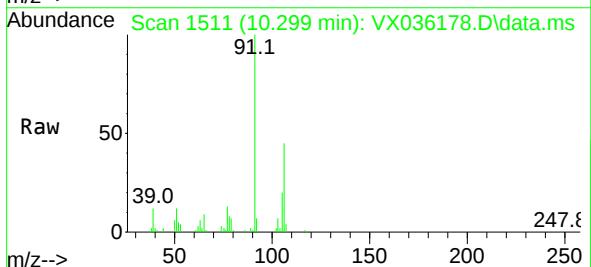
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

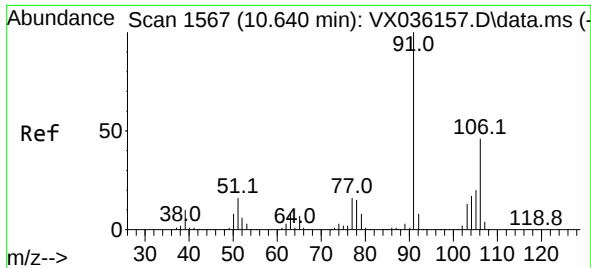
Tgt Ion: 91 Resp: 10520
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3



#68
m/p-Xylenes
Concen: 1.735 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 106 Resp: 7478
Ion Ratio Lower Upper
106 100
91 222.6 165.5 248.3

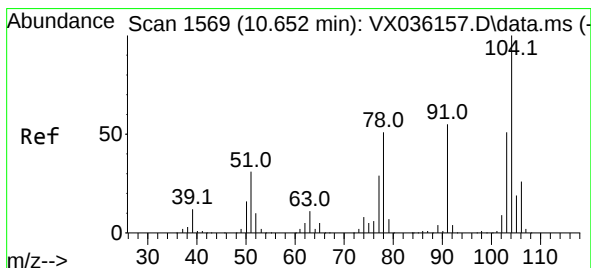
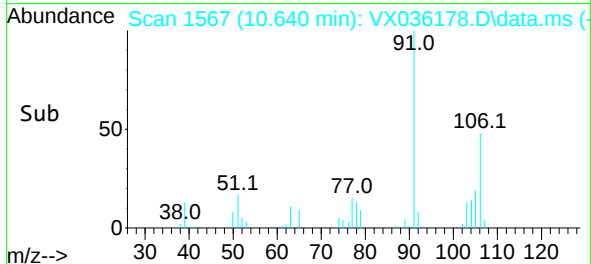
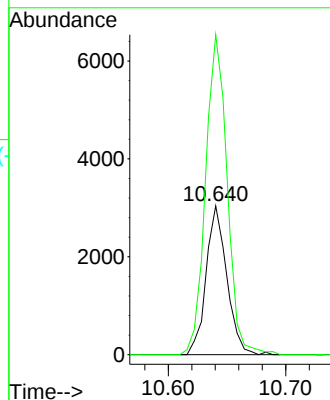
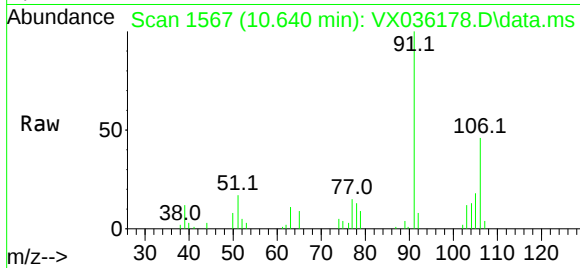




#69
o-Xylene
Concen: 0.875 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

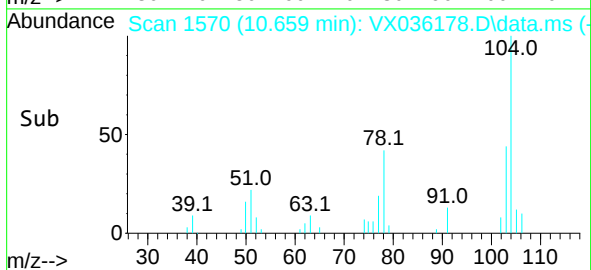
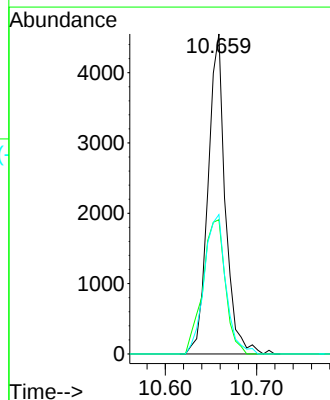
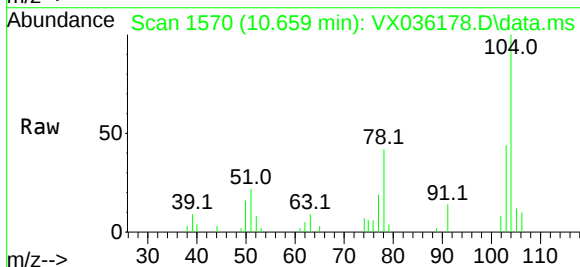
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

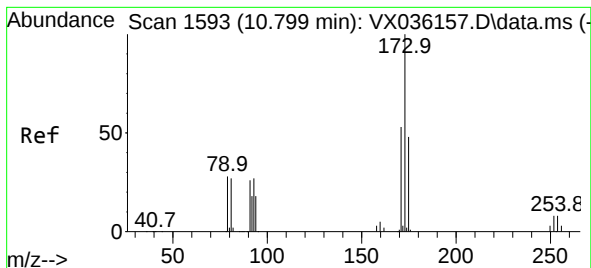
Tgt Ion:106 Resp: 3719
Ion Ratio Lower Upper
106 100
91 224.5 108.9 326.8



#70
Styrene
Concen: 0.841 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion:104 Resp: 5957
Ion Ratio Lower Upper
104 100
78 54.7 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 3.394 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

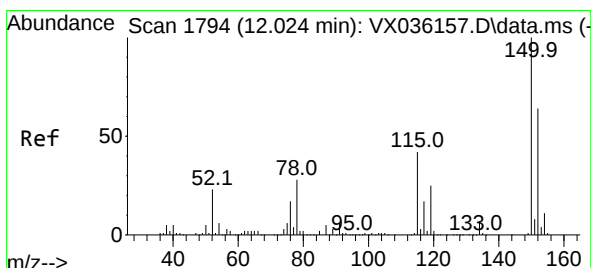
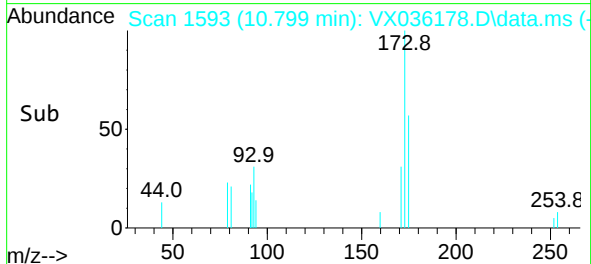
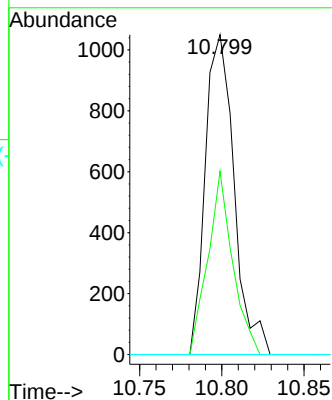
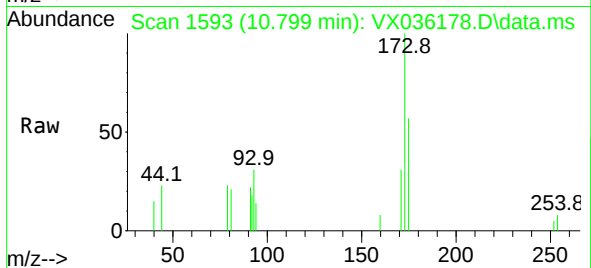
Tgt Ion:173 Resp: 1274

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

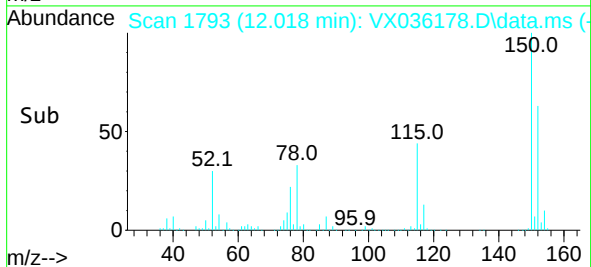
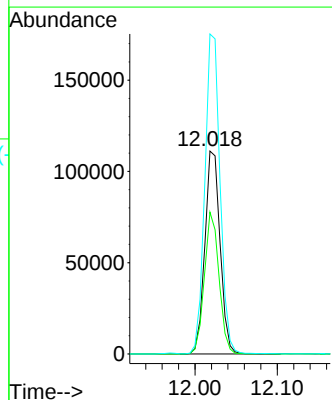
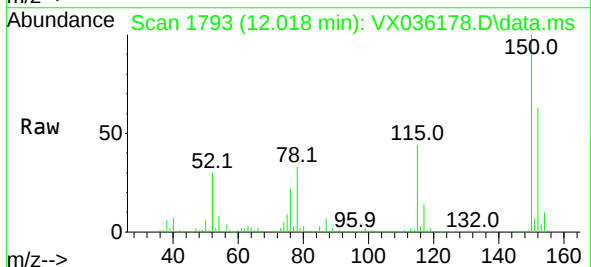
Tgt Ion:152 Resp: 143034

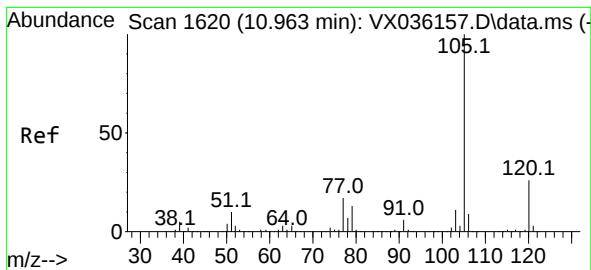
Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 157.3 0.0 345.0





#73

Isopropylbenzene

Concen: 0.932 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

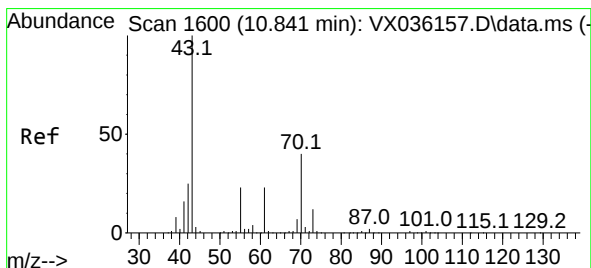
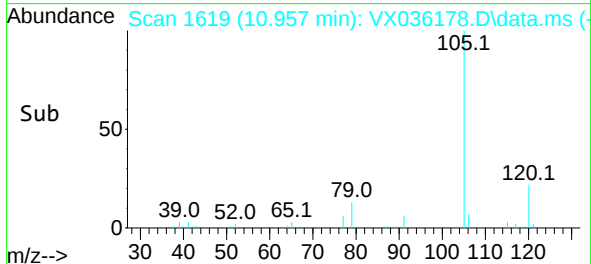
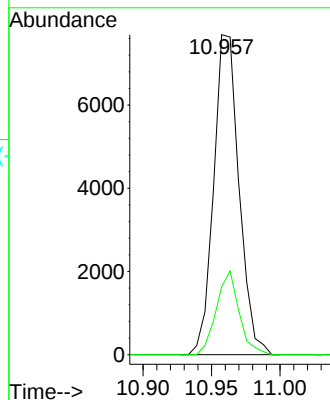
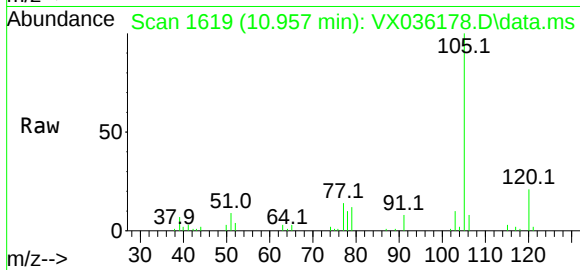
VSTDIC001

Tgt Ion:105 Resp: 9897

Ion Ratio Lower Upper

105 100

120 23.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.840 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Tgt Ion: 43 Resp: 4030

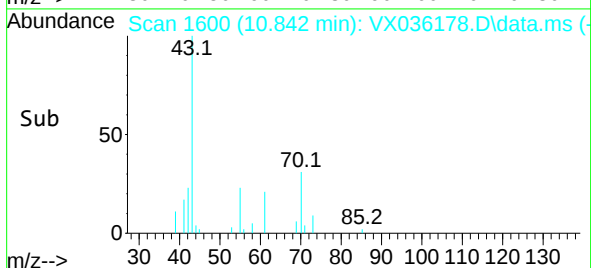
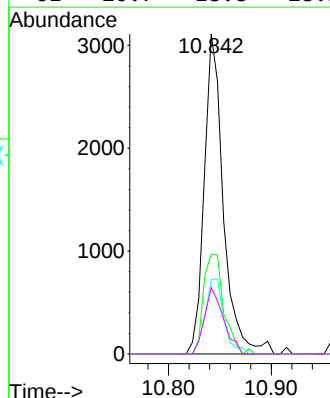
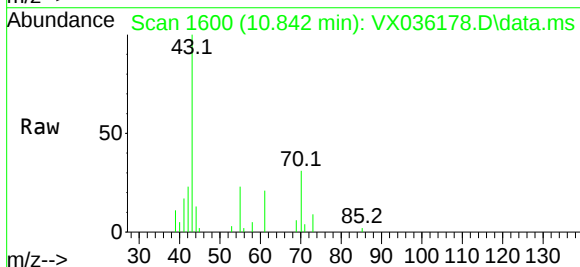
Ion Ratio Lower Upper

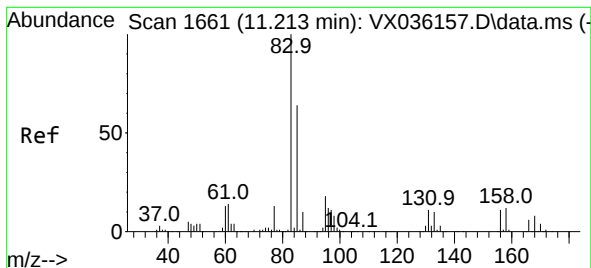
43 100

70 33.1 32.9 49.3

55 22.9 19.3 28.9

61 20.7 18.8 28.2

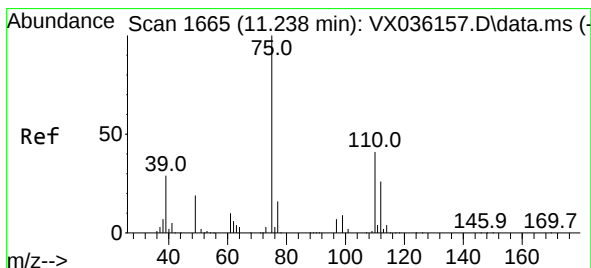
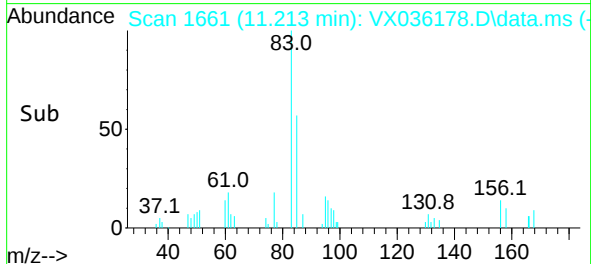
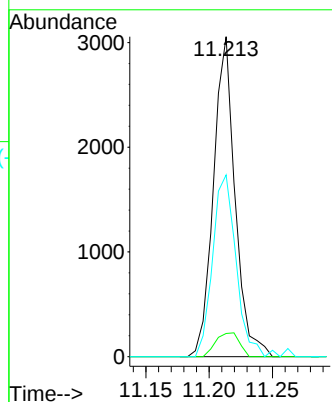
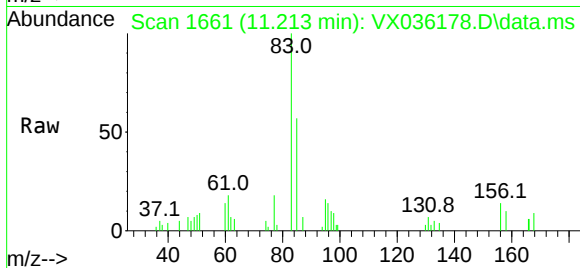




#75
1,1,2,2-Tetrachloroethane
Concen: 0.999 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

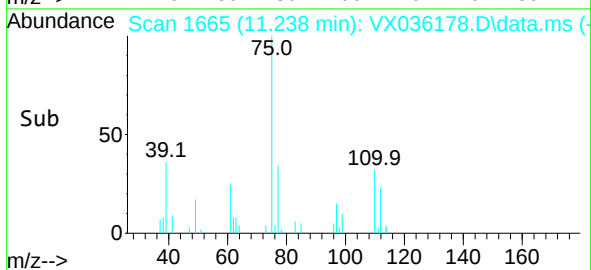
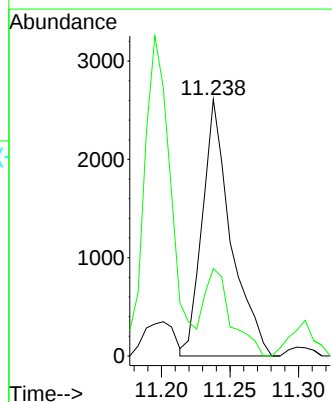
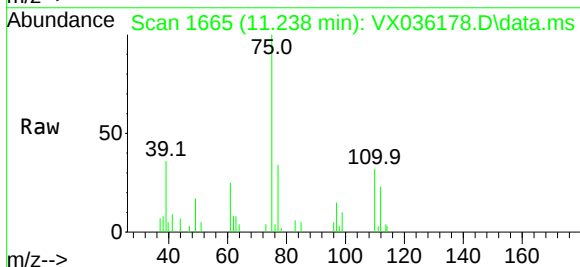
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

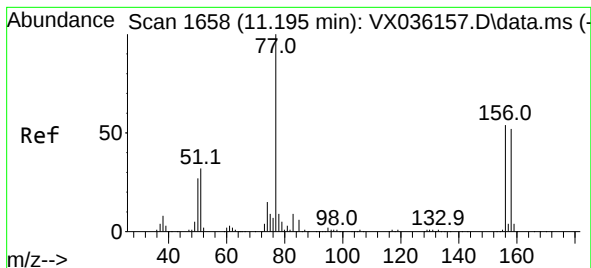
Tgt Ion: 83 Resp: 3630
Ion Ratio Lower Upper
83 100
131 8.2 5.3 15.8
85 61.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 1.062 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 75 Resp: 3773
Ion Ratio Lower Upper
75 100
77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 1.026 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

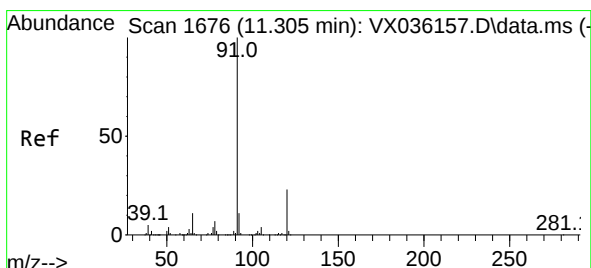
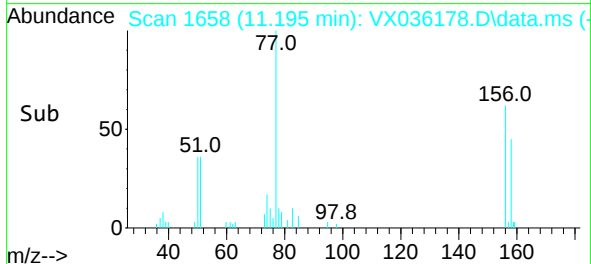
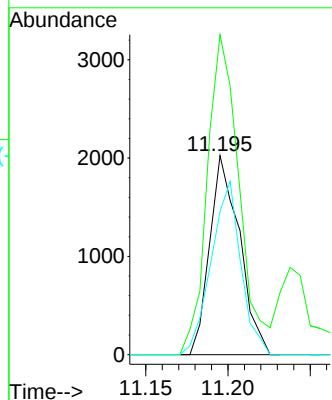
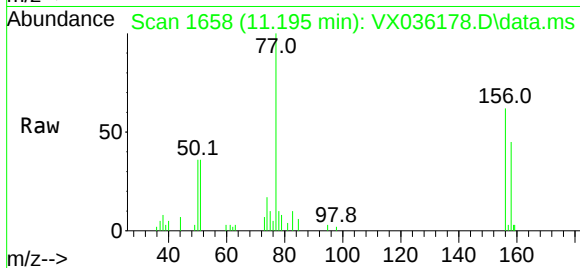
Tgt Ion:156 Resp: 2552

Ion Ratio Lower Upper

156 100

77 172.1 88.4 265.3

158 86.6 48.0 144.0



#78

n-propylbenzene

Concen: 0.901 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036178.D

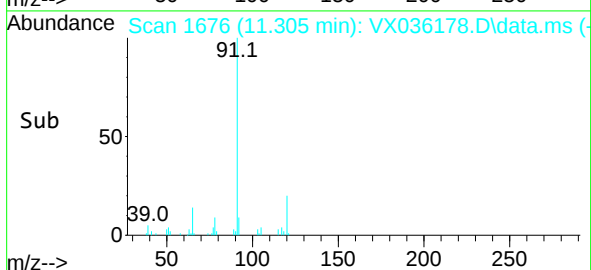
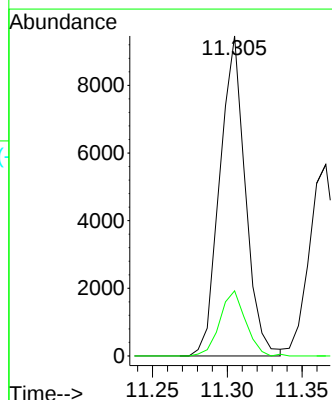
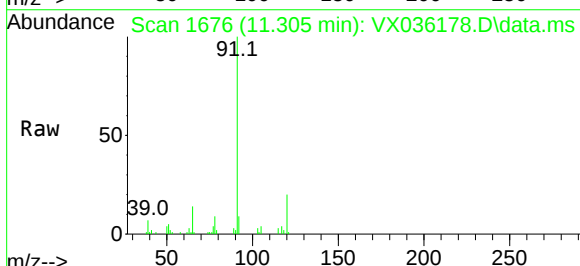
Acq: 16 Jun 2023 12:03

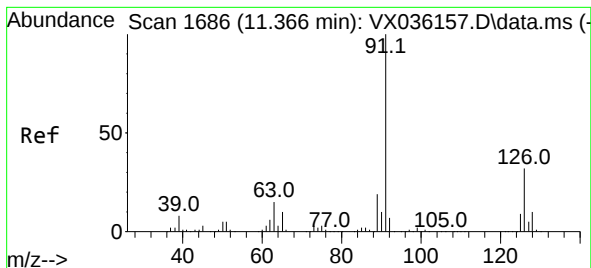
Tgt Ion: 91 Resp: 11252

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4

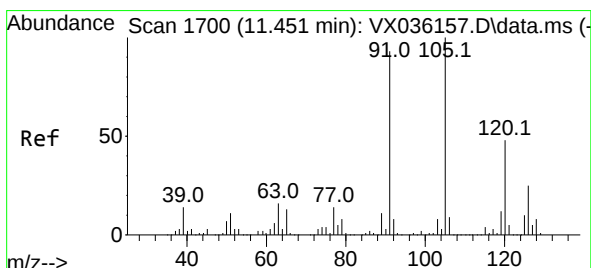
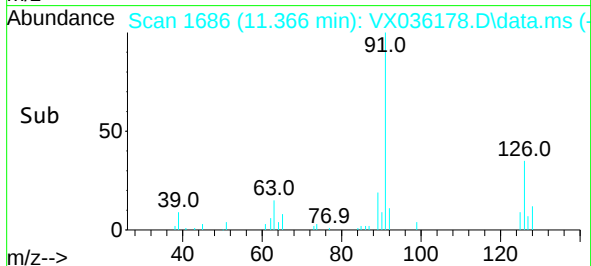
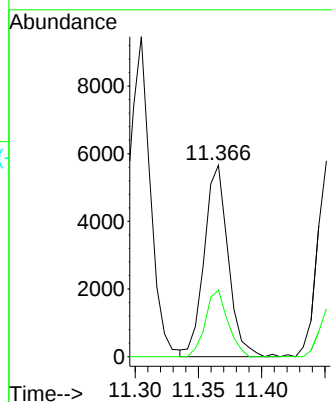
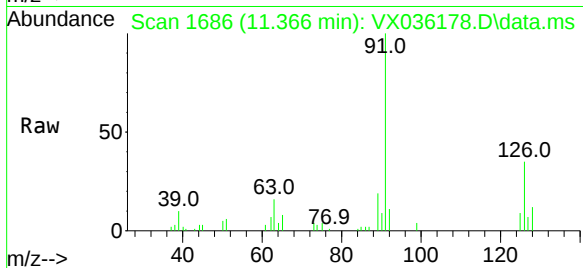




#79
2-Chlorotoluene
Concen: 0.951 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

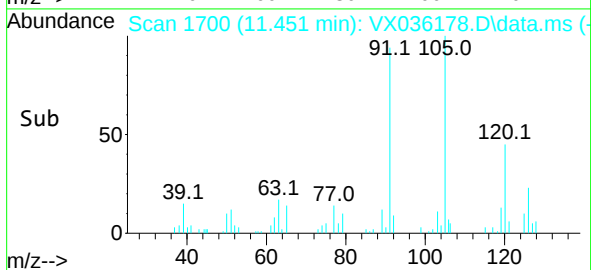
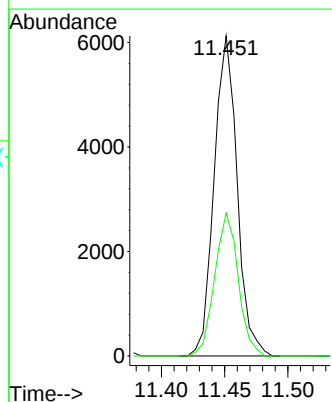
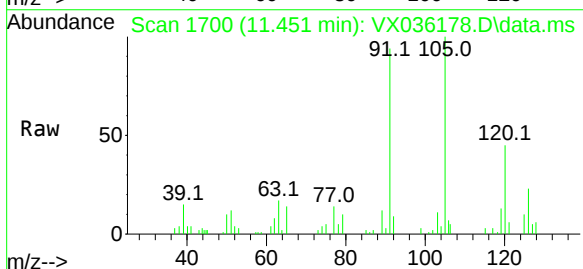
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

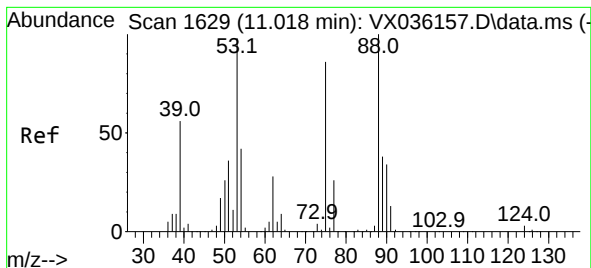
Tgt Ion: 91 Resp: 7471
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.855 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 105 Resp: 7727
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3

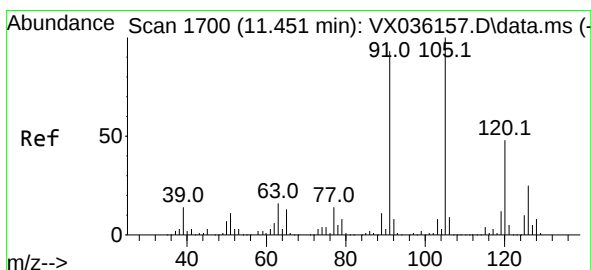
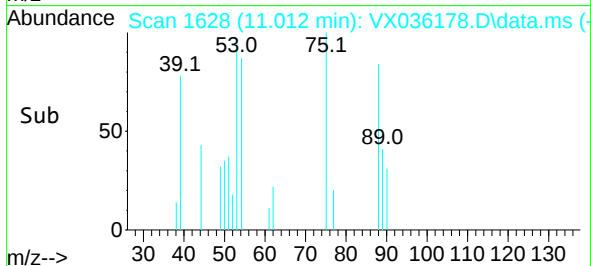
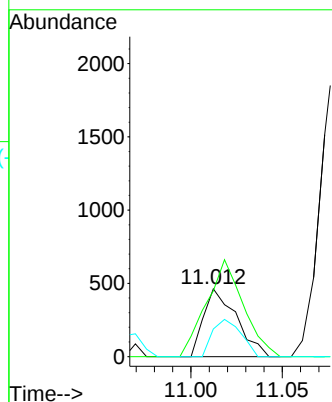
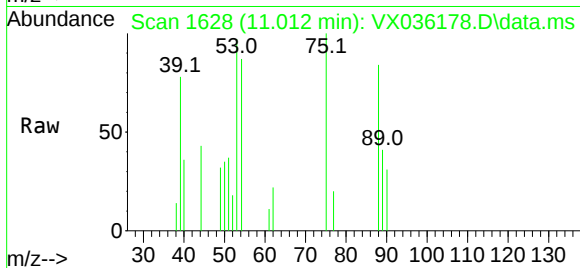




#81
trans-1,4-Dichloro-2-butene
Concen: 5.917 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

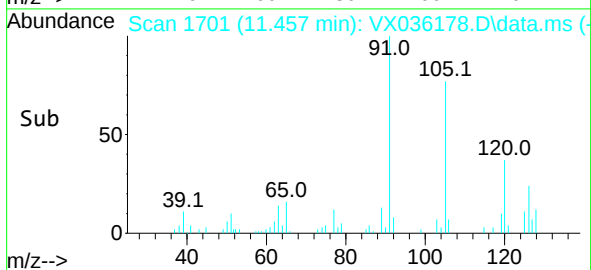
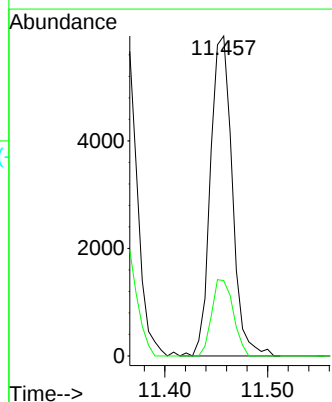
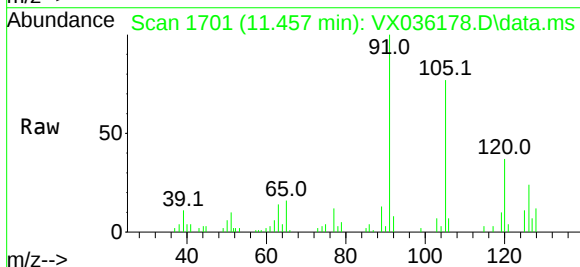
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

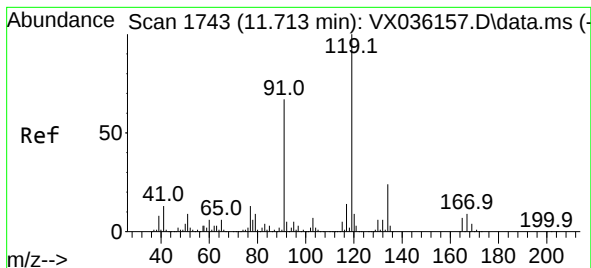
Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
53 161.2 90.5 135.7#
89 47.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 0.956 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 91 Resp: 8743
Ion Ratio Lower Upper
91 100
126 23.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.867 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

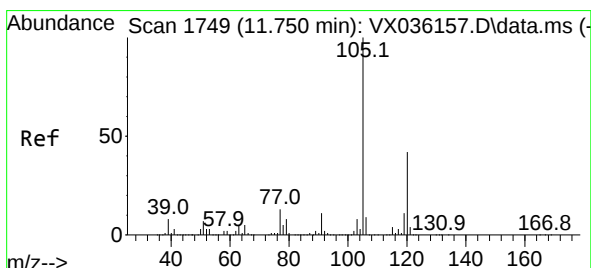
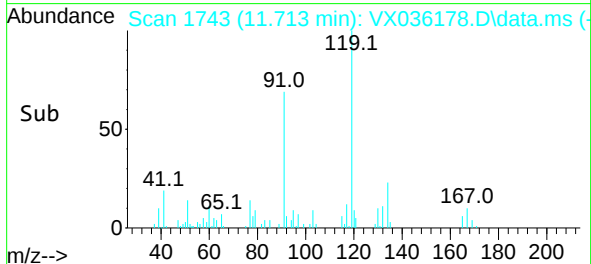
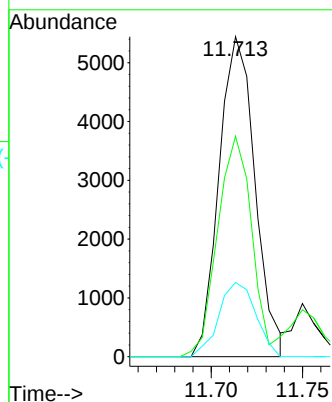
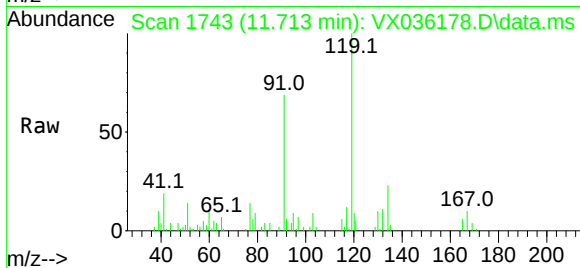
Tgt Ion:119 Resp: 7451

Ion Ratio Lower Upper

119 100

91 66.5 31.2 93.6

134 23.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.814 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036178.D

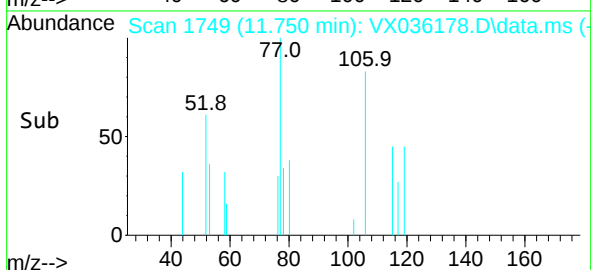
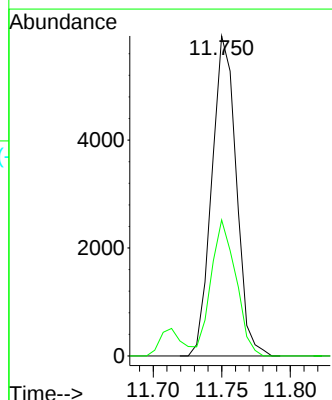
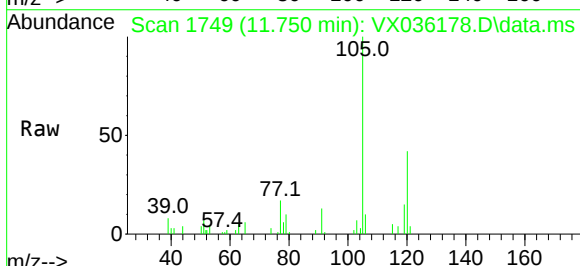
Acq: 16 Jun 2023 12:03

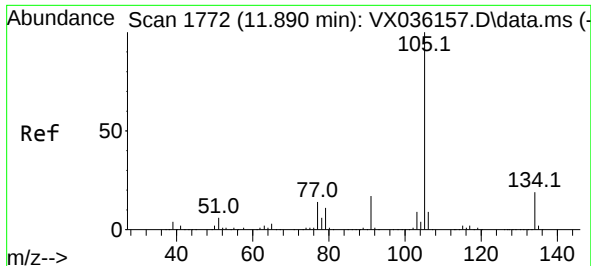
Tgt Ion:105 Resp: 7339

Ion Ratio Lower Upper

105 100

120 43.0 21.2 63.6

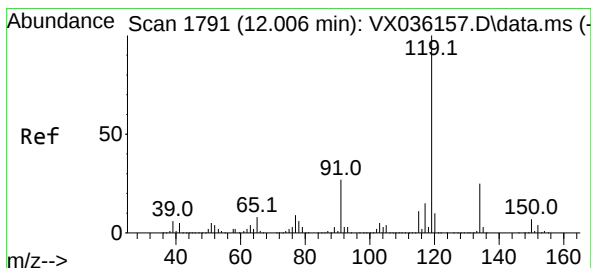
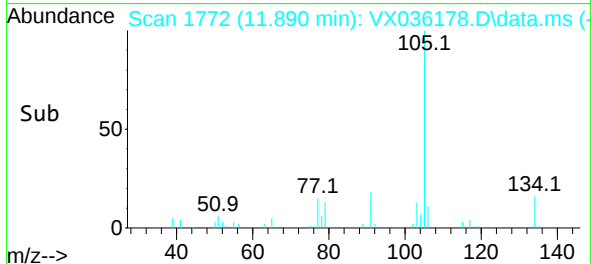
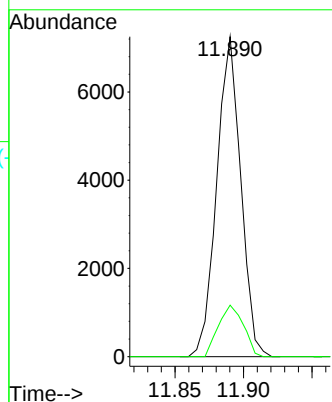
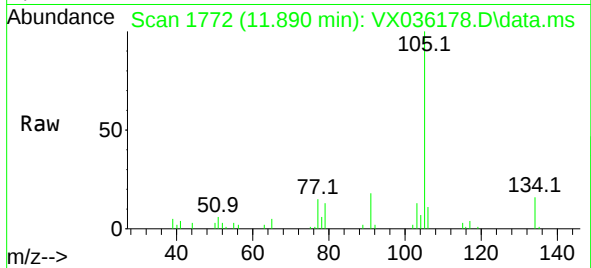




#85
 sec-Butylbenzene
 Concen: 0.825 ug/l
 RT: 11.890 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: VX036178.D
 Acq: 16 Jun 2023 12:03

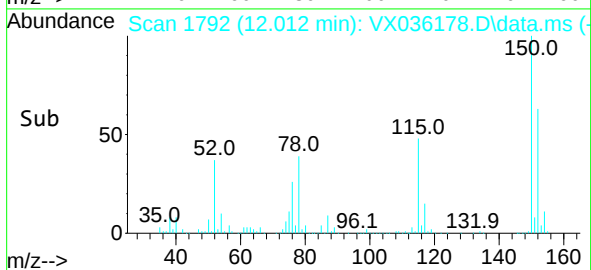
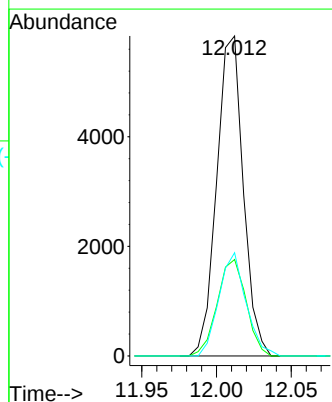
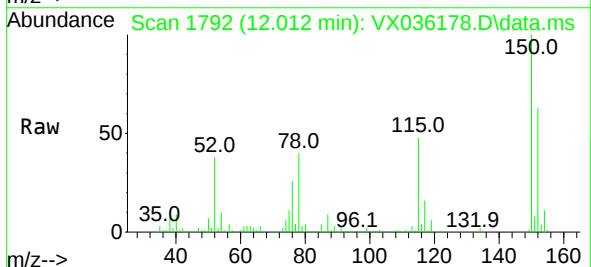
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

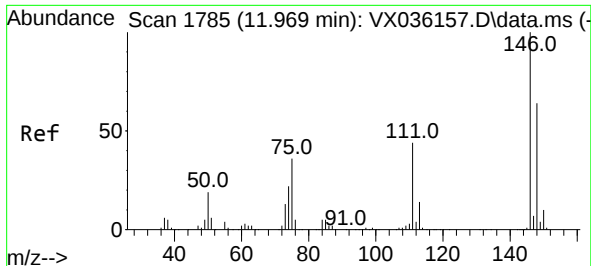
Tgt Ion:105 Resp: 8829
 Ion Ratio Lower Upper
 105 100
 134 16.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.802 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036178.D
 Acq: 16 Jun 2023 12:03

Tgt Ion:119 Resp: 7217
 Ion Ratio Lower Upper
 119 100
 134 32.7 12.8 38.3
 91 33.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.969 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

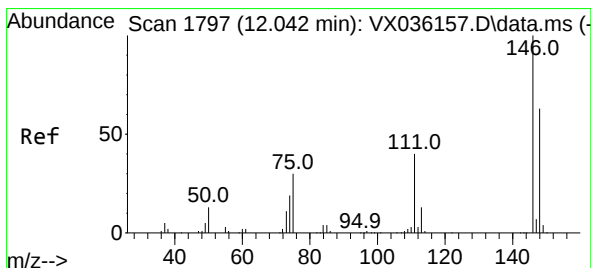
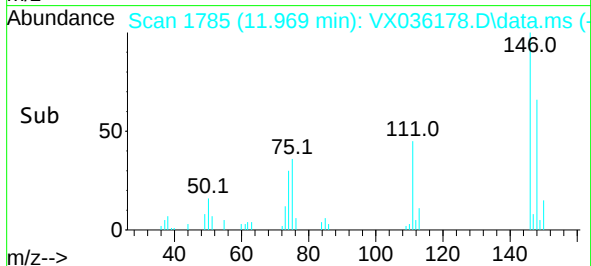
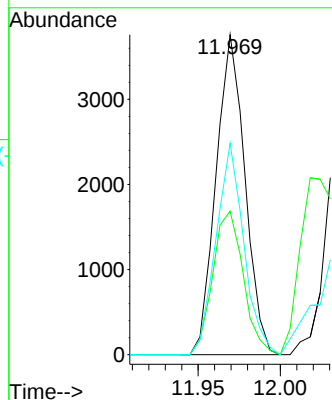
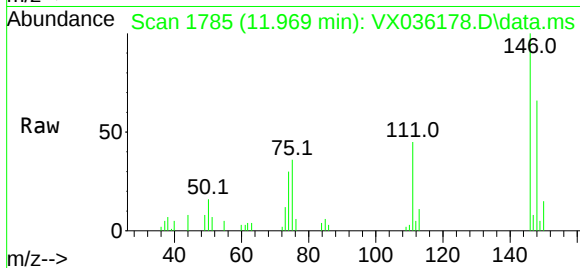
Tgt Ion:146 Resp: 4597

Ion Ratio Lower Upper

146 100

111 47.3 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.961 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

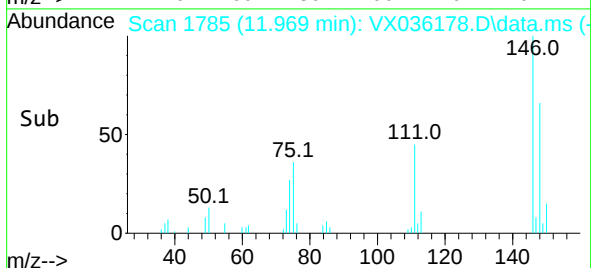
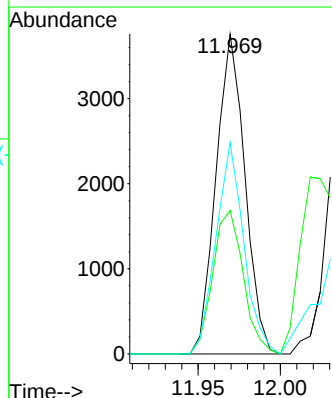
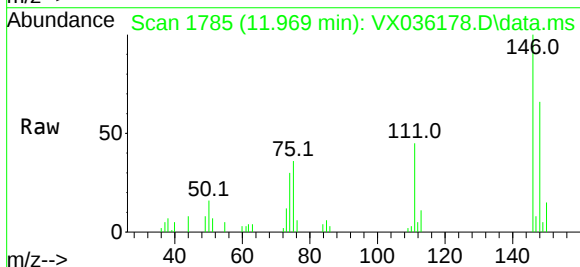
Tgt Ion:146 Resp: 4597

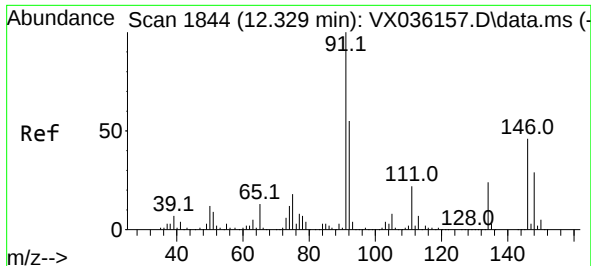
Ion Ratio Lower Upper

146 100

111 47.3 21.3 63.7

148 63.7 31.8 95.4

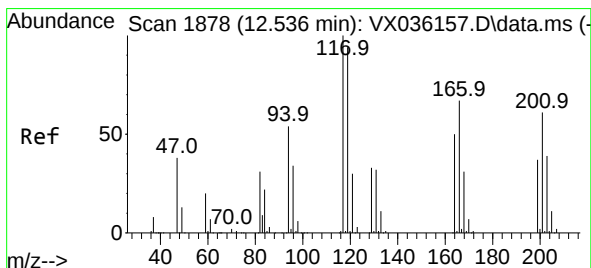
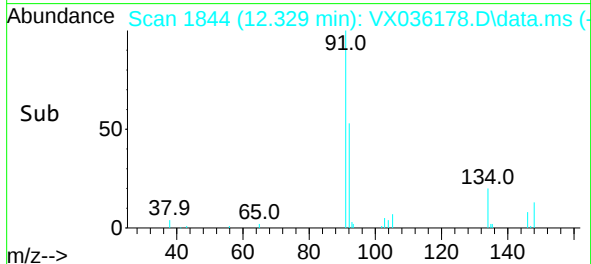
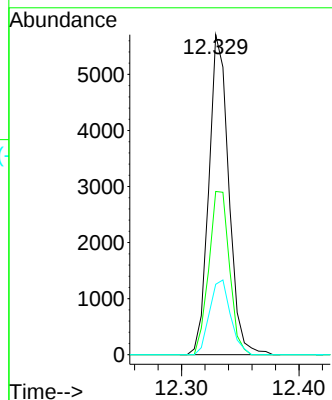
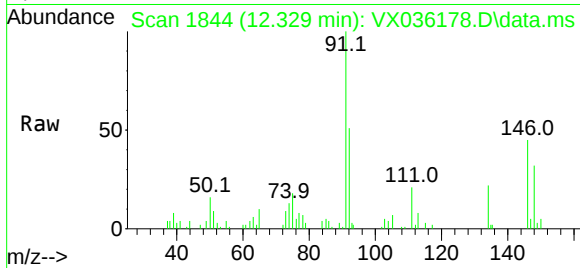




#89
n-Butylbenzene
Concen: 0.836 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

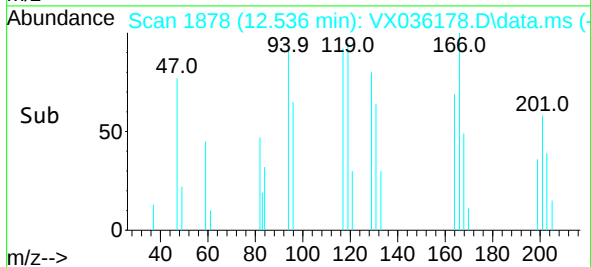
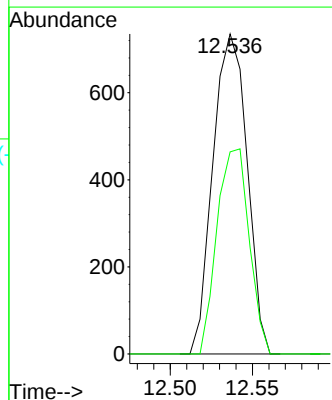
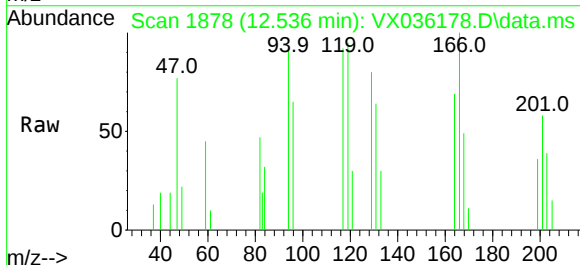
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

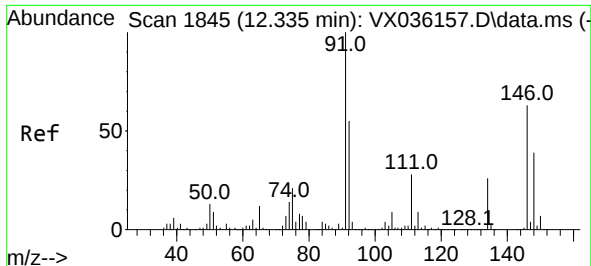
Tgt Ion: 91 Resp: 6714
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 24.6 12.6 37.8



#90
Hexachloroethane
Concen: 2.430 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036178.D
Acq: 16 Jun 2023 12:03

Tgt Ion: 117 Resp: 1062
Ion Ratio Lower Upper
117 100
201 60.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 0.990 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

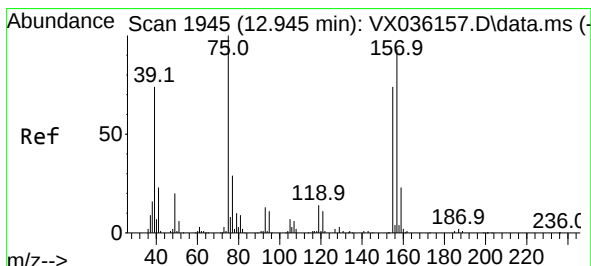
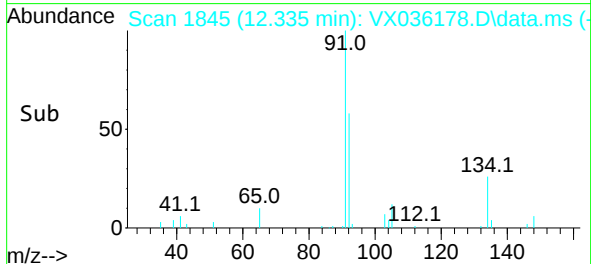
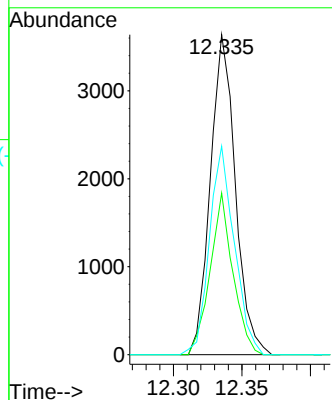
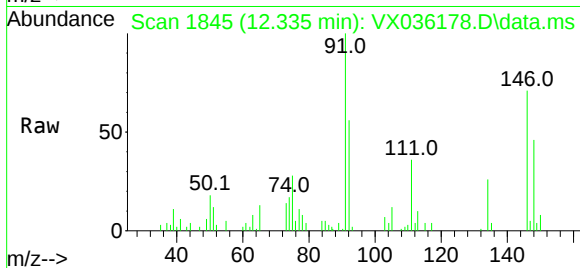
Tgt Ion:146 Resp: 4609

Ion Ratio Lower Upper

146 100

111 46.1 22.4 67.0

148 65.0 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.787 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

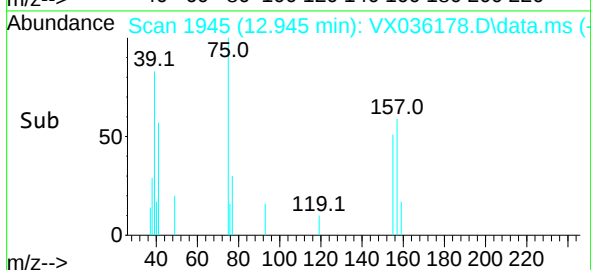
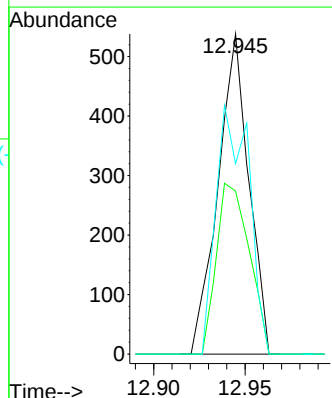
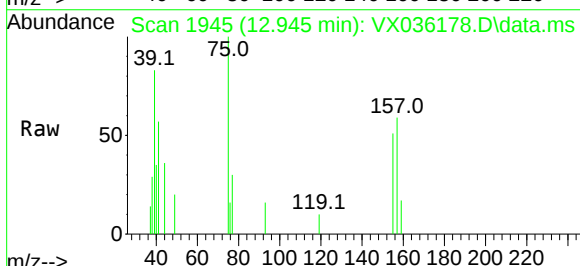
Tgt Ion: 75 Resp: 631

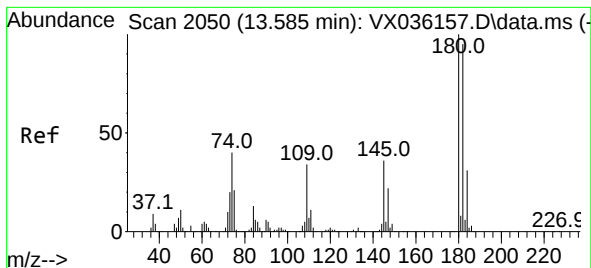
Ion Ratio Lower Upper

75 100

155 56.7 36.1 108.5

157 83.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.861 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

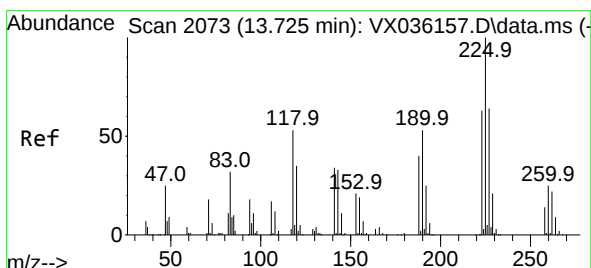
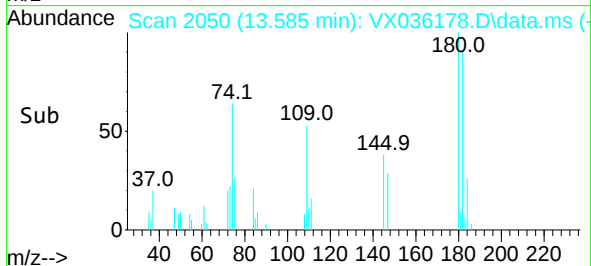
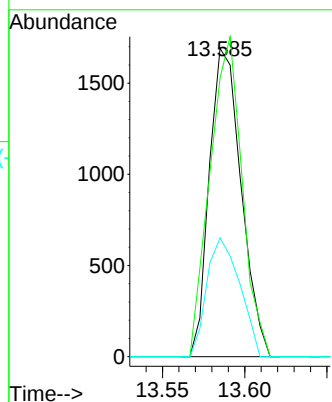
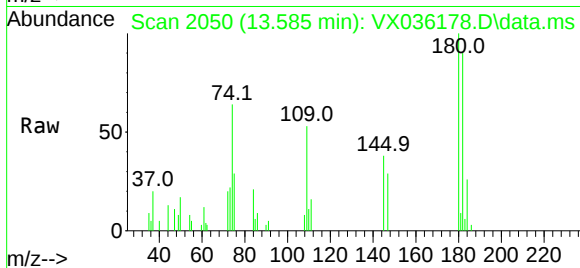
Tgt Ion:180 Resp: 2272

Ion Ratio Lower Upper

180 100

182 104.7 48.3 144.8

145 39.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.058 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

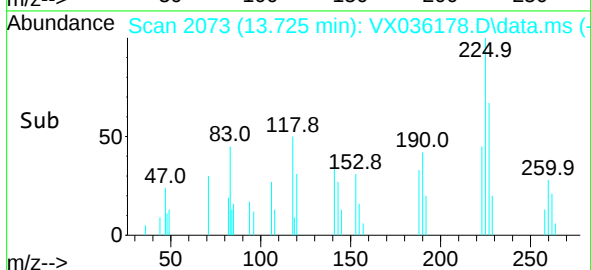
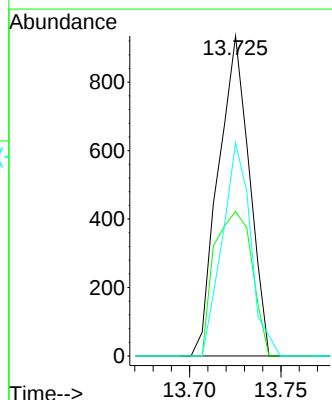
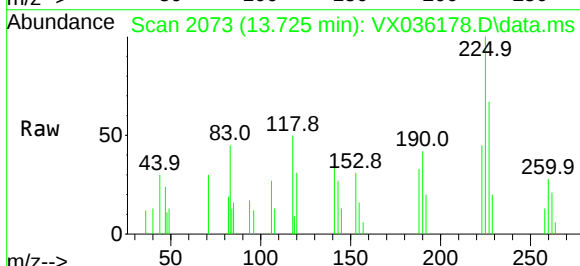
Tgt Ion:225 Resp: 1103

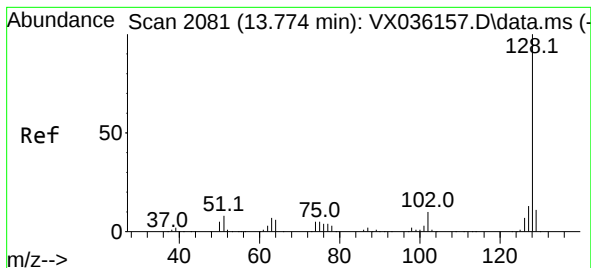
Ion Ratio Lower Upper

225 100

223 54.7 31.1 93.2

227 61.0 32.5 97.5





#95

Naphthalene

Concen: 0.806 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

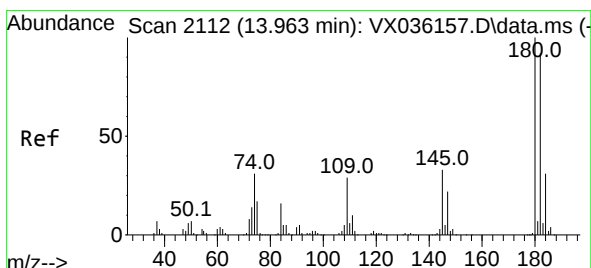
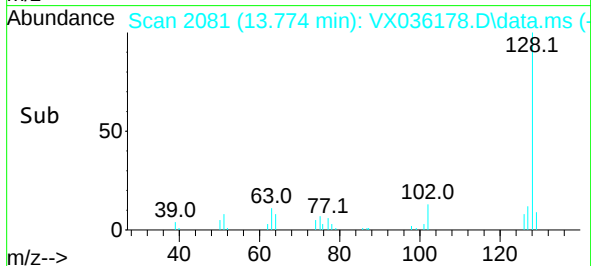
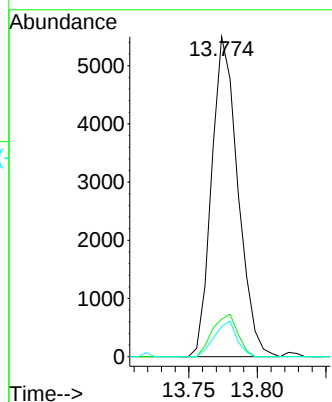
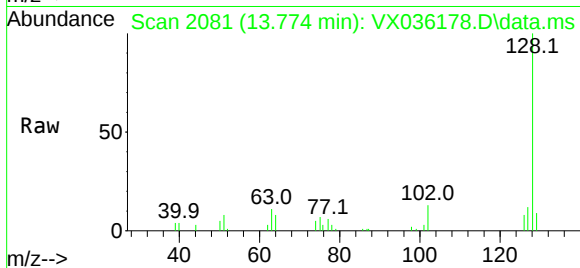
Tgt Ion:128 Resp: 7332

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 9.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.887 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036178.D

Acq: 16 Jun 2023 12:03

Tgt Ion:180 Resp: 2346

Ion Ratio Lower Upper

180 100

182 96.0 46.9 140.6

145 38.2 17.8 53.5

