

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034823.D
 Acq On : 26 Mar 2024 12:15
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	396972	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	375443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	180117	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20892	5.971	ug/L	0.00
7) Chloroethane-d5	1.532	69	18814	6.613	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	9148	5.813	ug/L	0.00
21) 2-Butanone-d5	3.825	46	8529	3.714	ug/L	0.04
24) Chloroform-d	4.252	84	34034	5.522	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	22478	5.650	ug/L	0.01
32) Benzene-d6	4.963	84	67142	5.804	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	23562	6.577	ug/L	0.00
41) Toluene-d8	7.246	98	58867	5.622	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	8945	5.023	ug/L	0.01
47) 2-Hexanone-d5	8.040	63	11852	7.064	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	28136	5.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	22416	5.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14303	3.678	ug/L	100
3) Chloromethane	1.217	50	19014	4.734	ug/L	97
5) Vinyl chloride	1.285	62	19641	4.976	ug/L	94
6) Bromomethane	1.490	94	13894	5.405	ug/L	95
8) Chloroethane	1.548	64	13655	5.652	ug/L	94
9) Trichlorofluoromethane	1.716	101	25032	4.343	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15002	4.714	ug/L	98
12) 1,1-Dichloroethene	2.072	96	14659	4.932	ug/L	92
13) Acetone	2.124	43	22847	8.723	ug/L	100
14) Carbon disulfide	2.243	76	42806	5.203	ug/L	98
15) Methyl Acetate	2.384	43	17018	4.891	ug/L	98
16) Methylene chloride	2.449	84	16714	5.285	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	14195	4.933	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	47641	4.618	ug/L	99
19) 1,1-Dichloroethane	3.114	63	28819	5.079	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	15592	4.964	ug/L	96
22) 2-Butanone	3.908	43	9845	3.701	ug/L	91
23) Bromochloromethane	4.156	128	8090	5.011	ug/L	96
25) Chloroform	4.281	83	27915	4.774	ug/L	99
27) 1,2-Dichloroethane	5.050	62	21833	4.622	ug/L	98
29) Cyclohexane	4.580	56	21385	4.389	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	23514	4.463	ug/L	98
31) Carbon tetrachloride	4.735	117	19833	4.280	ug/L	99
33) Benzene	5.018	78	59236	5.036	ug/L	100
34) Trichloroethene	5.841	95	16278	4.918	ug/L	96
35) Methylcyclohexane	6.050	83	22143	4.416	ug/L	99
37) 1,2-Dichloropropane	6.098	63	15589	4.990	ug/L	# 96
38) Bromodichloromethane	6.436	83	20923	4.866	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	23059	4.603	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	38064	8.515	ug/L	98
42) Toluene	7.320	91	59933	4.818	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	19442	4.049	ug/L	97

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

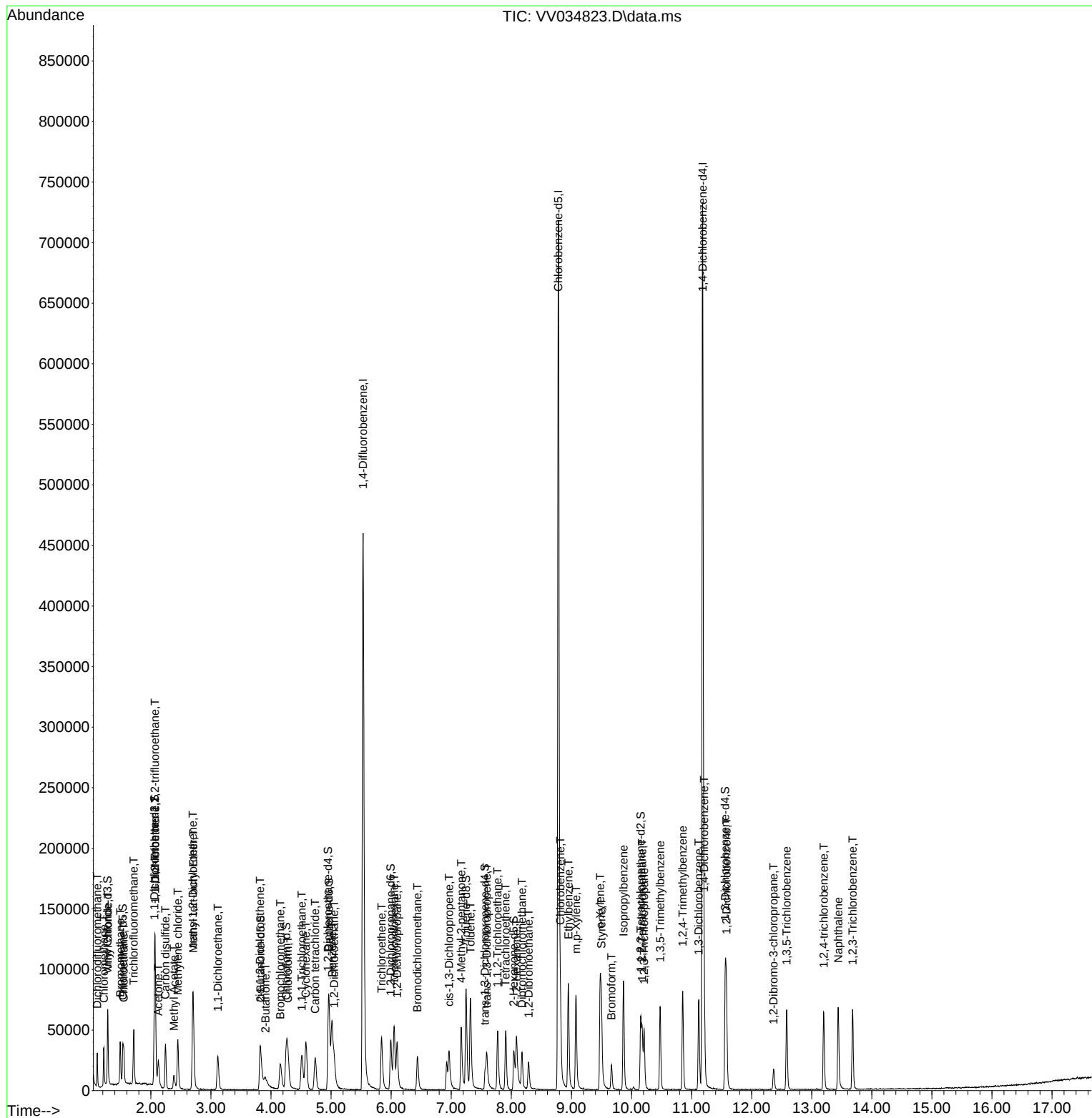
45) 1,1,2-Trichloroethane	7.770	97	15142	5.059	ug/L	97
46) Tetrachloroethene	7.905	164	10956	4.516	ug/L	97
48) 2-Hexanone	8.085	43	31765	8.922	ug/L	97
49) Dibromochloromethane	8.178	129	14533	4.658	ug/L	100
50) 1,2-Dibromoethane	8.288	107	16238	5.106	ug/L	98
51) Chlorobenzene	8.815	112	39756	4.934	ug/L	98
52) Ethylbenzene	8.950	91	63660	4.585	ug/L	96
53) m,p-Xylene	9.079	106	22922	4.352	ug/L	93
54) o-Xylene	9.481	106	21962	4.251	ug/L	92
55) Styrene	9.500	104	35520	4.067	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.178	83	23822	5.188	ug/L	98
59) Bromoform	9.667	173	8982	4.479	ug/L #	97
60) Isopropylbenzene	9.866	105	58271	4.556	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	20115	5.682	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	36055	3.506	ug/L	94
63) 1,2,4-Trimethylbenzene	10.853	105	44545	4.188	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	30190	5.102	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	31010	5.139	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	29954	5.047	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	5083	4.905	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	20299	4.608	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	18895	4.760	ug/L	96
71) Naphthalene	13.442	128	55794	5.318	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	18900	4.888	ug/L	98

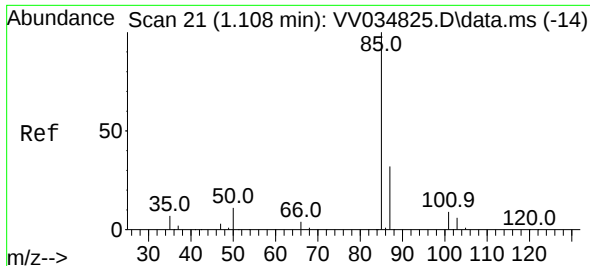
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 ClientSampleId :

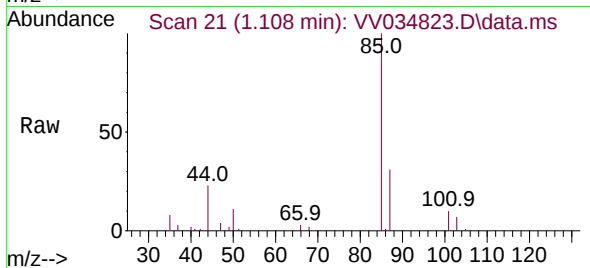
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
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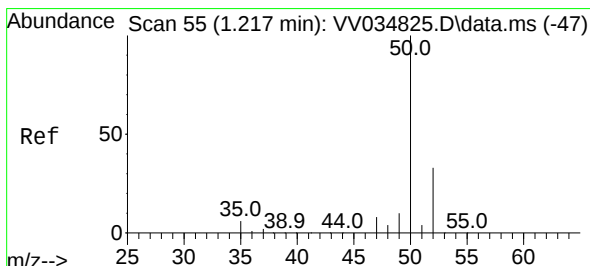
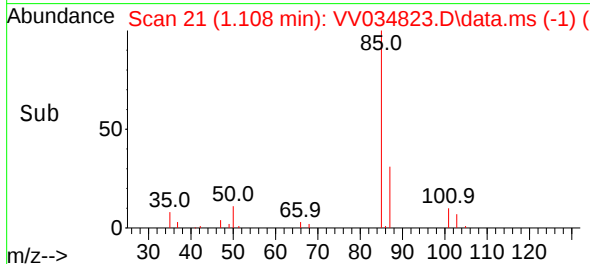
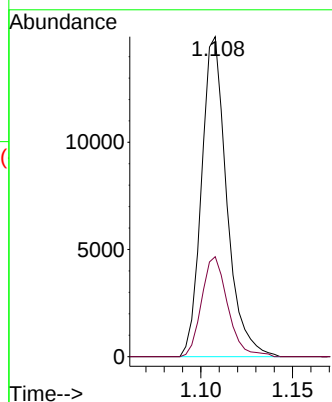


#2
 Dichlorodifluoromethane
 Concen: 3.678 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034823.D
 Acq: 26 Mar 2024 12:15

Instrument :
 MSVOA_V
 ClientSampleId :

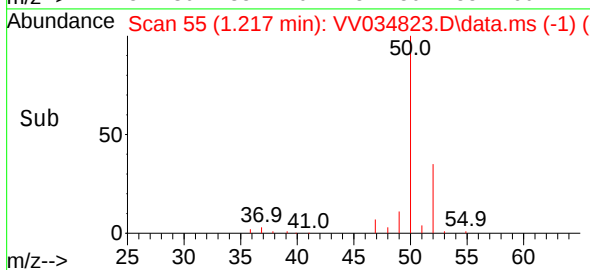
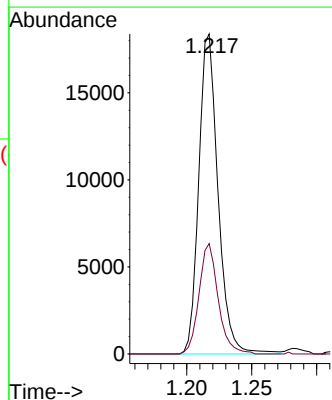
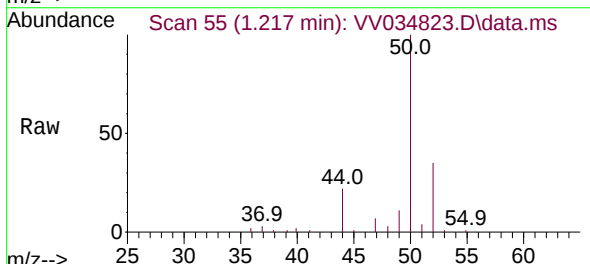


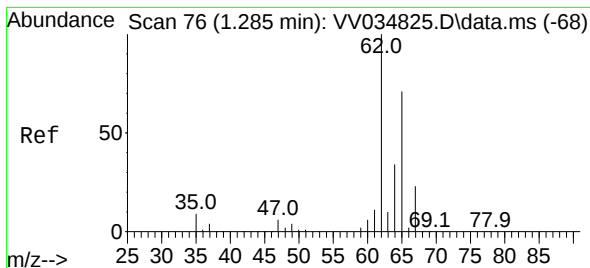
Tgt Ion: 85 Resp: 14303
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.734 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034823.D
 Acq: 26 Mar 2024 12:15

Tgt Ion: 50 Resp: 19014
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.0 42.8





#5

Vinyl chloride

Concen: 4.976 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

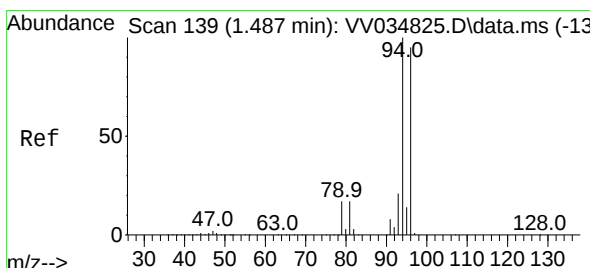
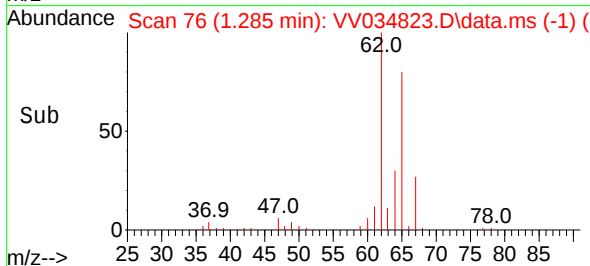
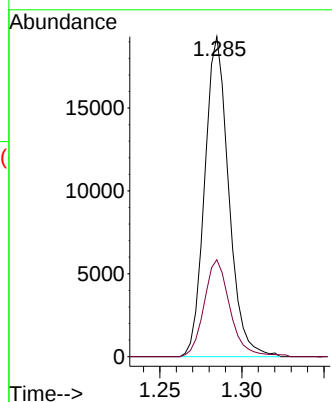
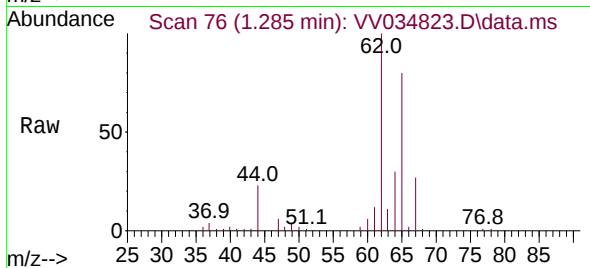
ClientSampleId :

Tgt Ion: 62 Resp: 19641

Ion Ratio Lower Upper

62 100

64 30.3 23.6 43.8



#6

Bromomethane

Concen: 5.405 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV034823.D

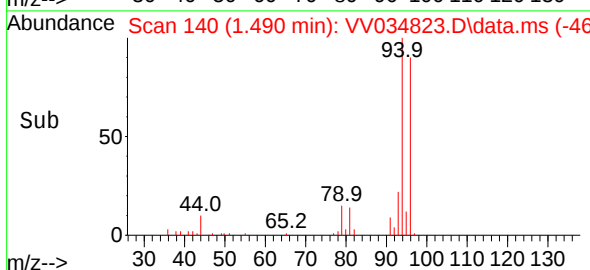
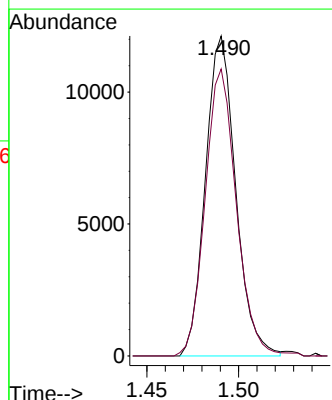
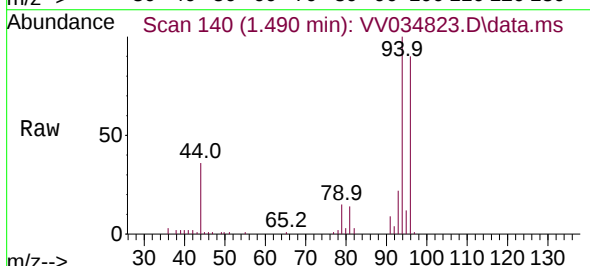
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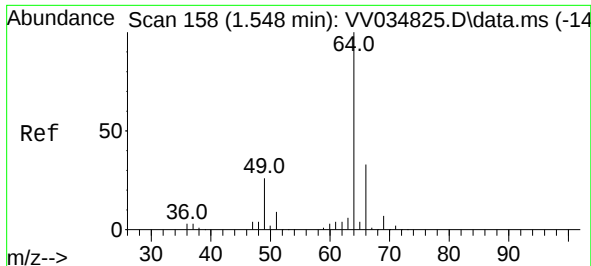
Tgt Ion: 94 Resp: 13894

Ion Ratio Lower Upper

94 100

96 89.7 66.3 123.1

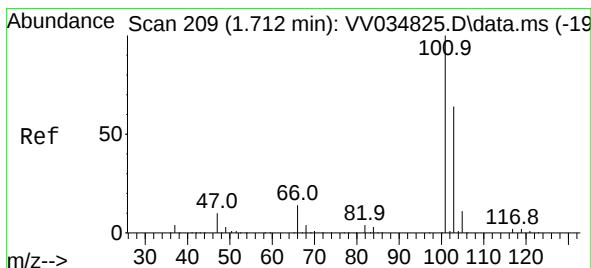
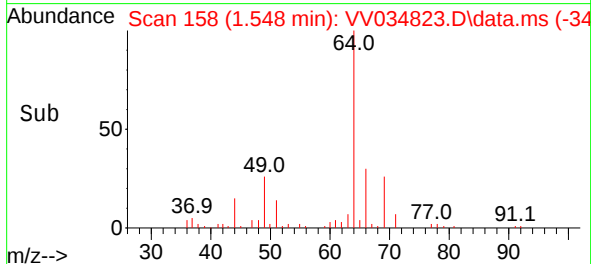
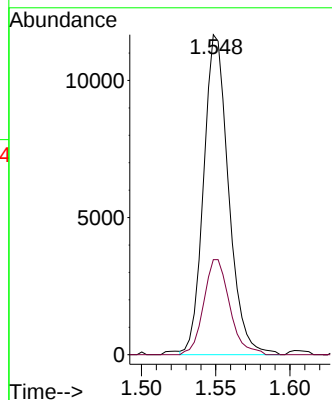
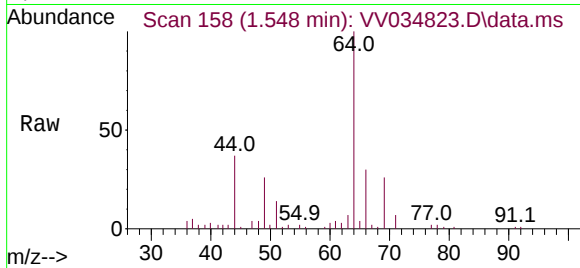




#8
Chloroethane
Concen: 5.652 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

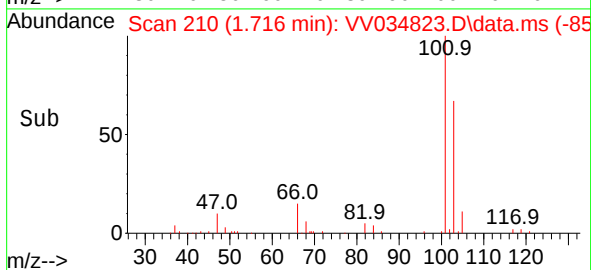
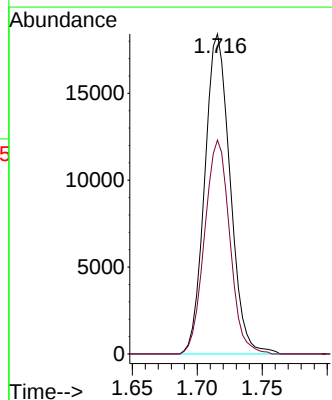
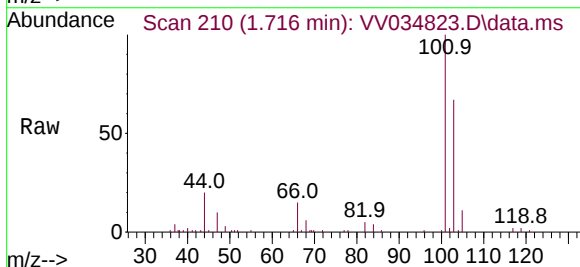
Instrument :
MSVOA_V
ClientSampleId :

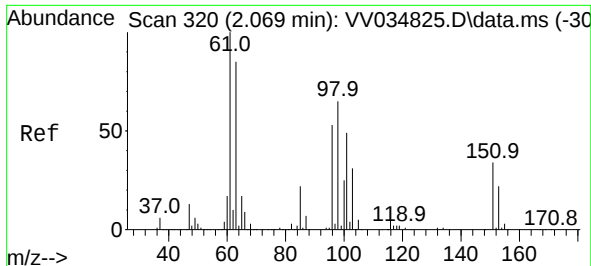
Tgt Ion: 64 Resp: 13655
Ion Ratio Lower Upper
64 100
66 29.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.343 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion:101 Resp: 25032
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.714 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

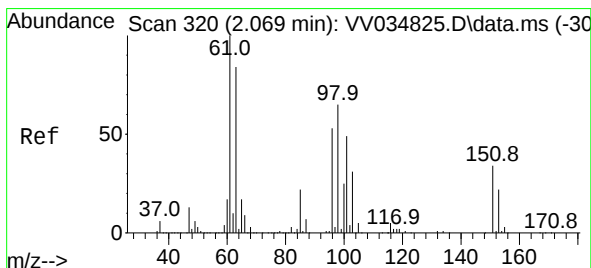
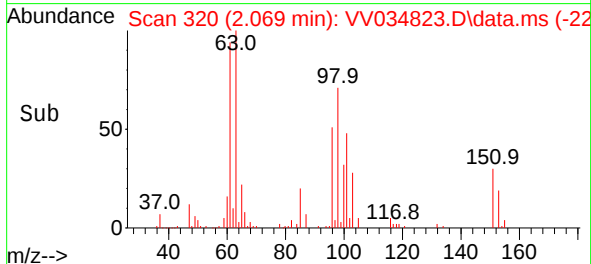
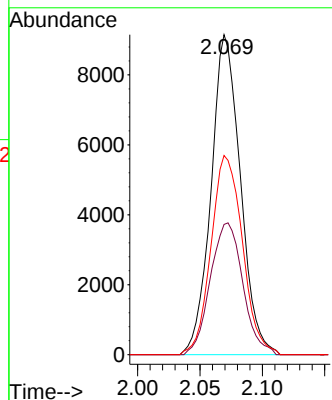
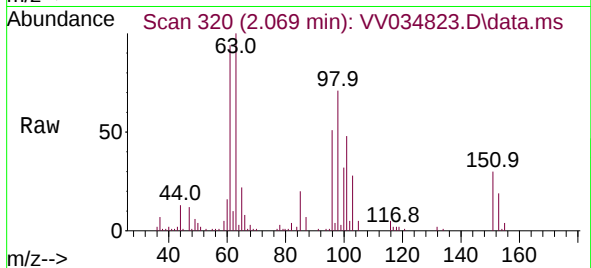
Tgt Ion:101 Resp: 15002

Ion Ratio Lower Upper

101 100

85 45.6 35.3 52.9

151 66.7 55.0 82.4



#12

1,1-Dichloroethene

Concen: 4.932 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

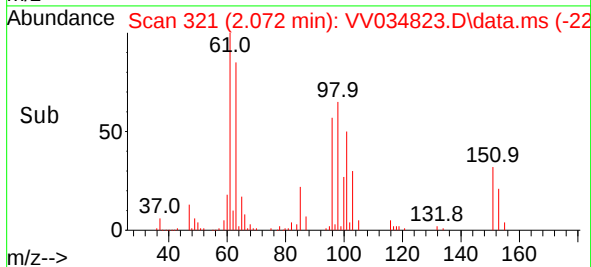
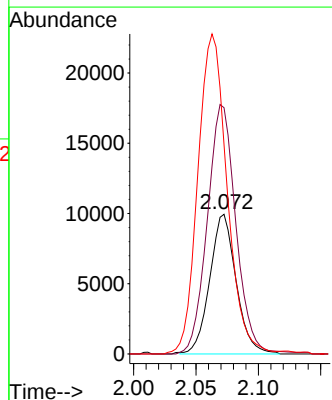
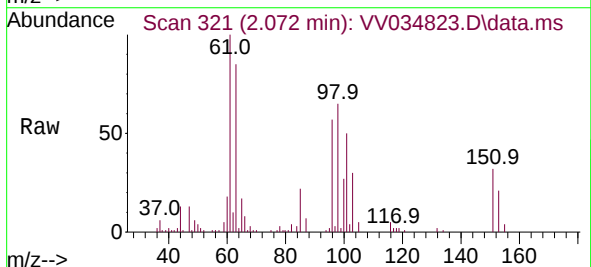
Tgt Ion: 96 Resp: 14659

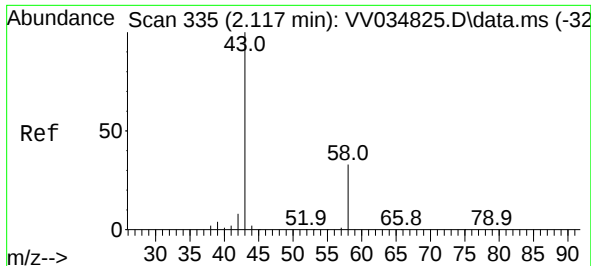
Ion Ratio Lower Upper

96 100

61 176.4 131.5 244.3

63 149.8 111.4 206.8





#13

Acetone

Concen: 8.723 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.006 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

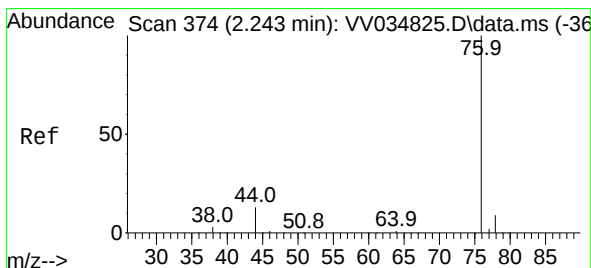
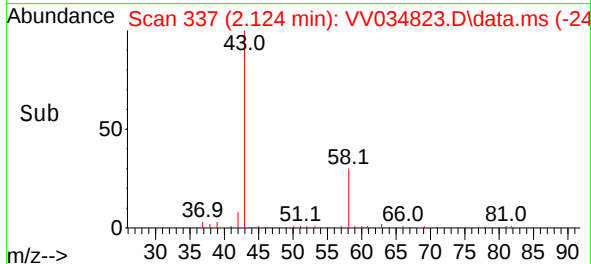
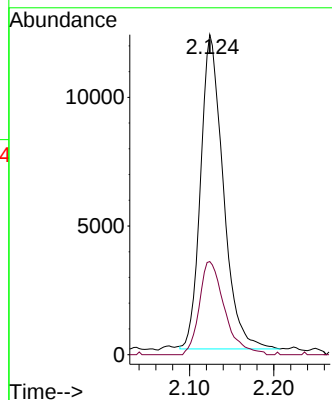
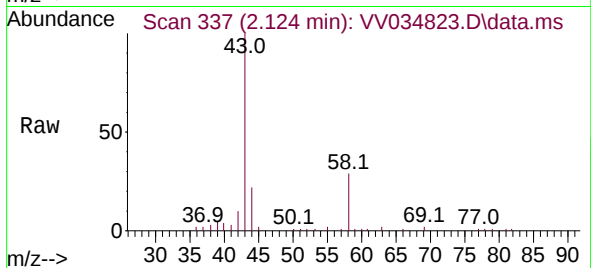
ClientSampleId :

Tgt Ion: 43 Resp: 22847

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.0



#14

Carbon disulfide

Concen: 5.203 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV034823.D

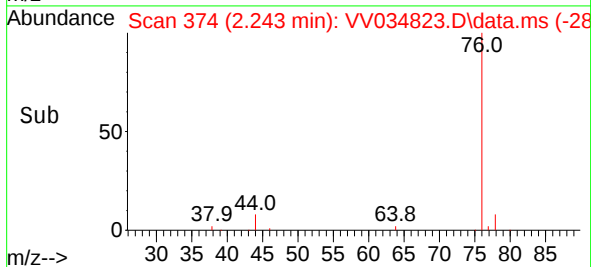
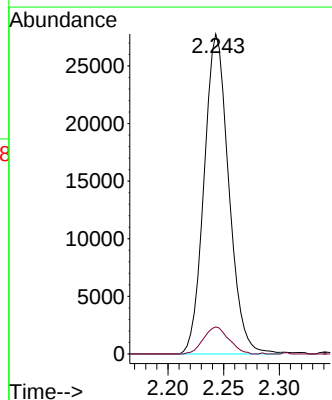
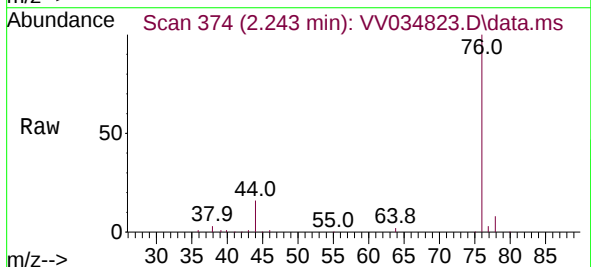
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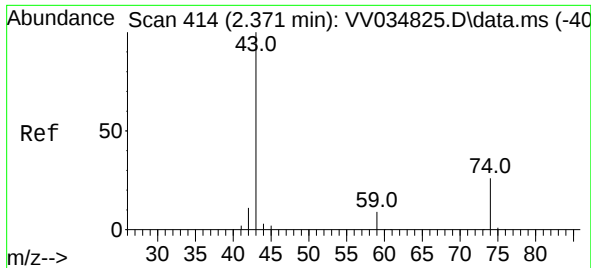
Tgt Ion: 76 Resp: 42806

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0

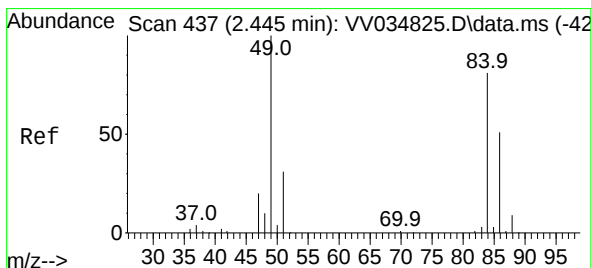
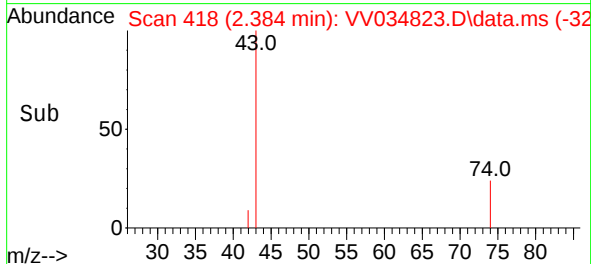
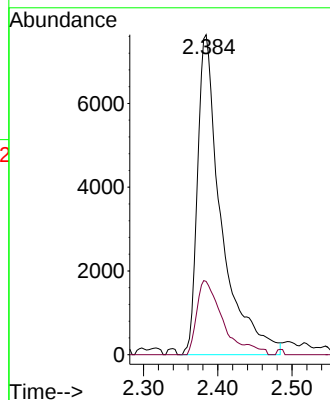
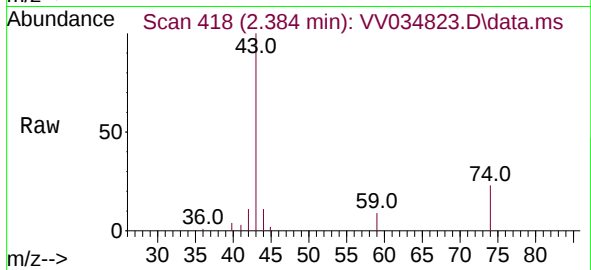




#15
Methyl Acetate
Concen: 4.891 ug/L
RT: 2.384 min Scan# 414
Delta R.T. 0.013 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

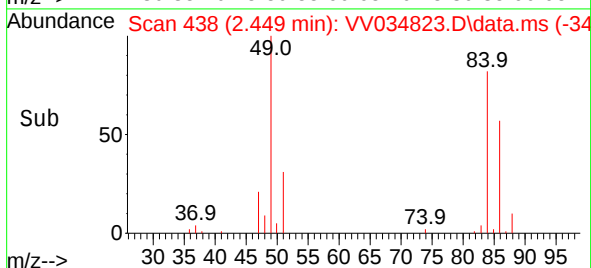
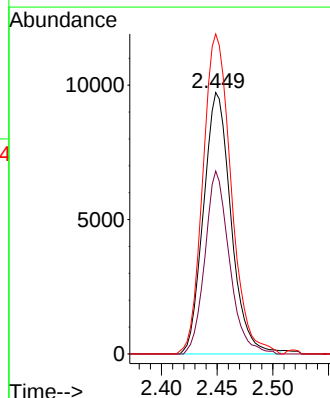
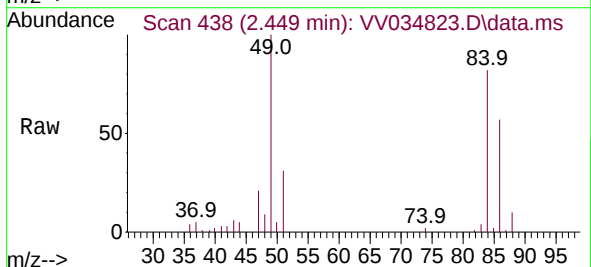
Instrument :
MSVOA_V
ClientSampleId :

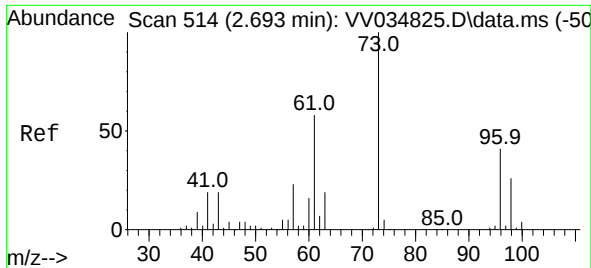
Tgt Ion: 43 Resp: 17018
Ion Ratio Lower Upper
43 100
74 23.6 19.8 29.8



#16
Methylene chloride
Concen: 5.285 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 84 Resp: 16714
Ion Ratio Lower Upper
84 100
86 70.0 44.6 82.8
49 122.4 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 4.933 ug/L

RT: 2.699 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

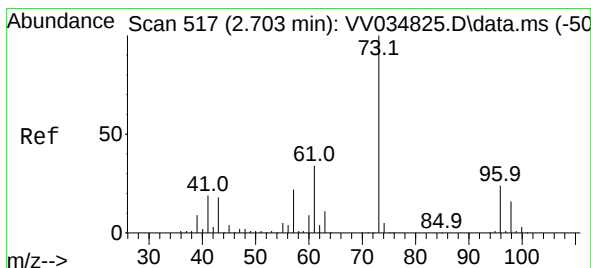
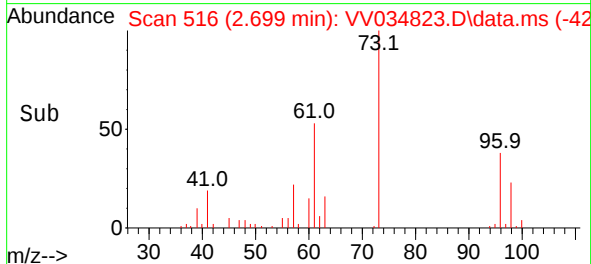
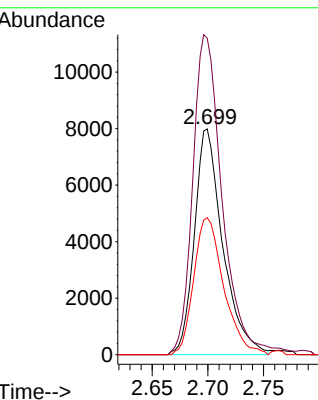
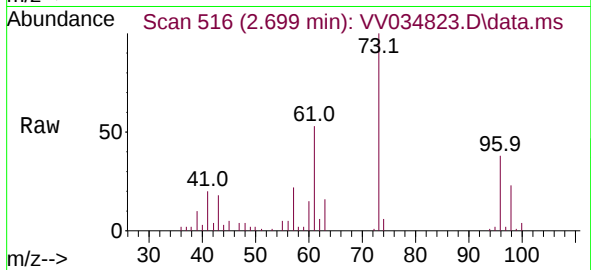
Tgt Ion: 96 Resp: 14195

Ion Ratio Lower Upper

96 100

61 140.2 99.0 183.8

98 60.7 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 4.618 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

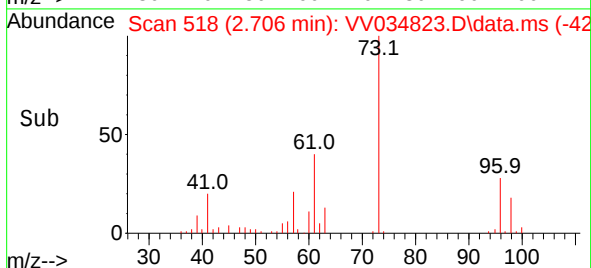
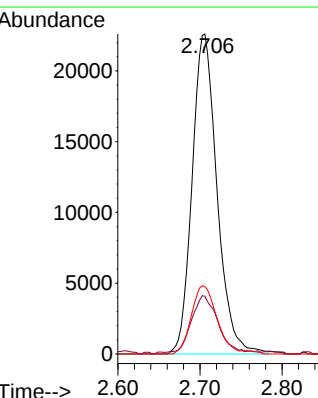
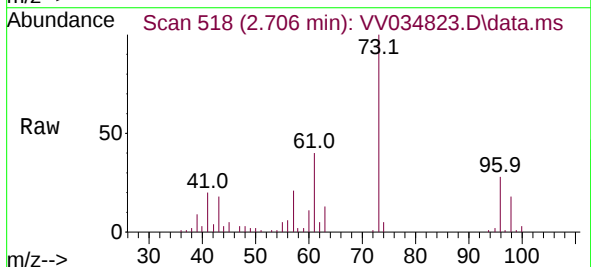
Tgt Ion: 73 Resp: 47641

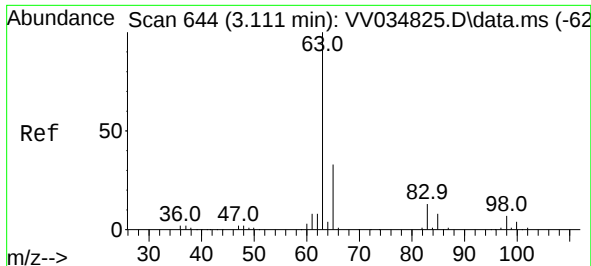
Ion Ratio Lower Upper

73 100

43 18.9 14.6 21.8

57 21.8 17.6 26.4

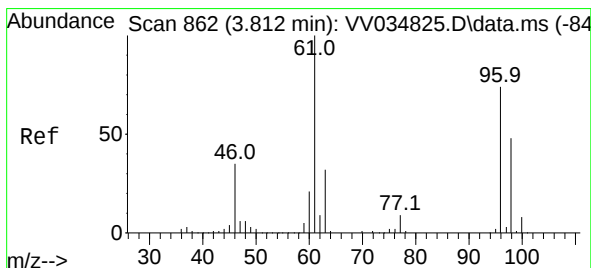
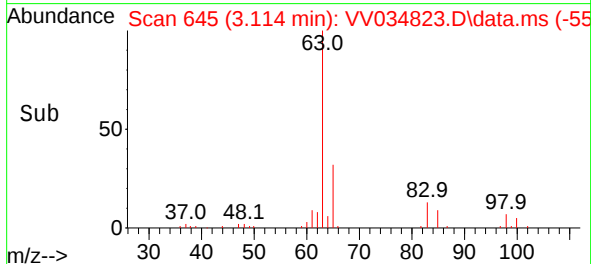
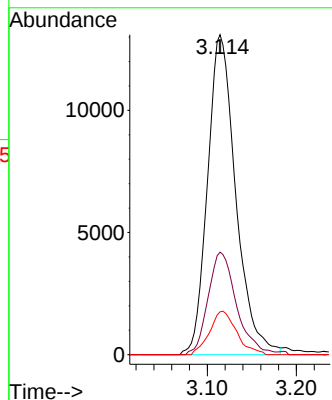
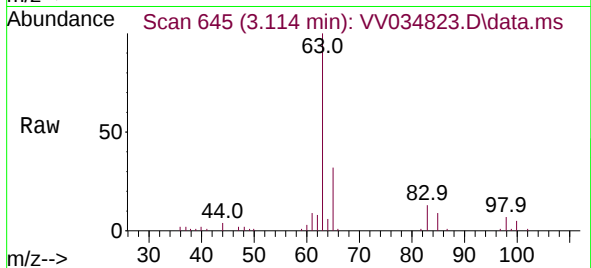




#19
1,1-Dichloroethane
Concen: 5.079 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

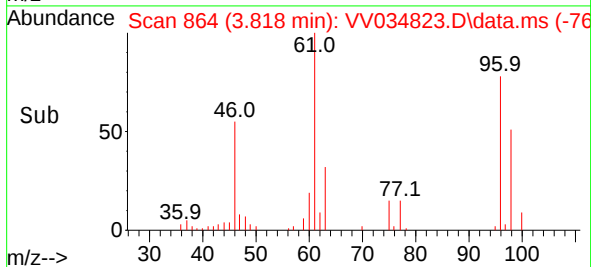
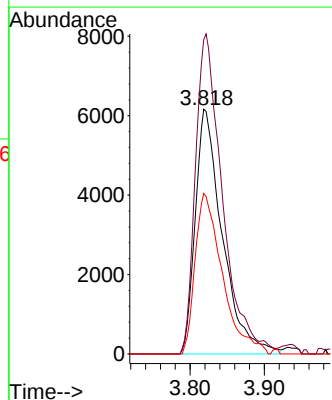
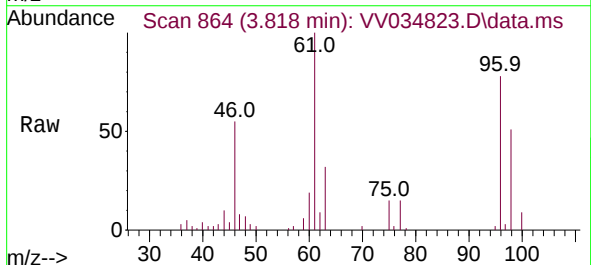
Instrument :
MSVOA_V
ClientSampleId :

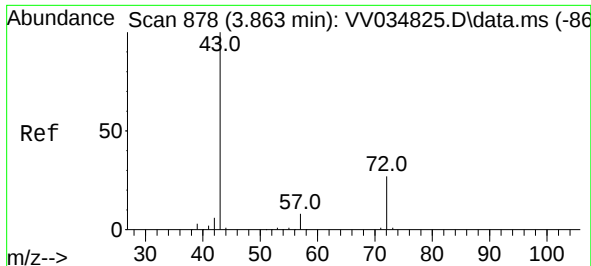
Tgt Ion: 63 Resp: 28819
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 13.4 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 4.964 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 96 Resp: 15592
Ion Ratio Lower Upper
96 100
61 128.4 94.9 176.3
98 65.6 45.6 84.8

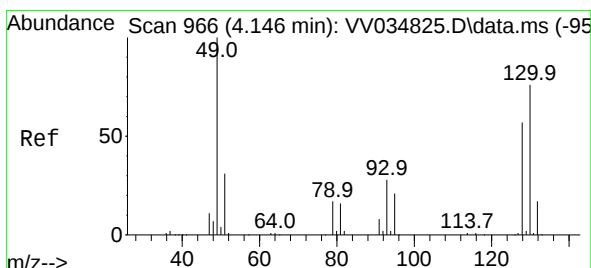
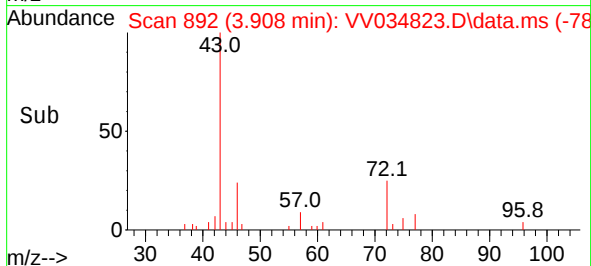
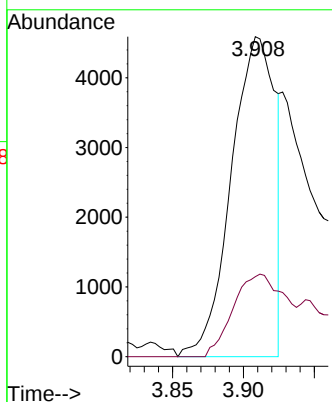
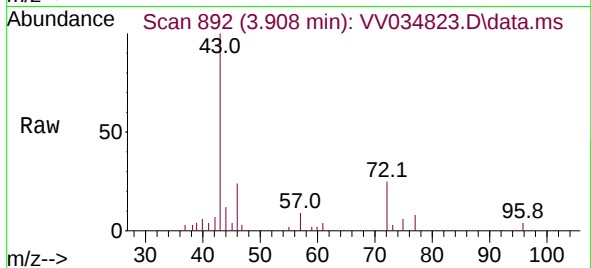




#22
2-Butanone
Concen: 3.701 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.045 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

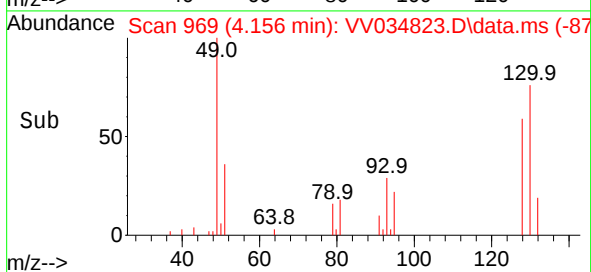
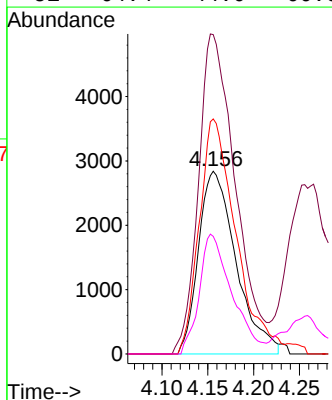
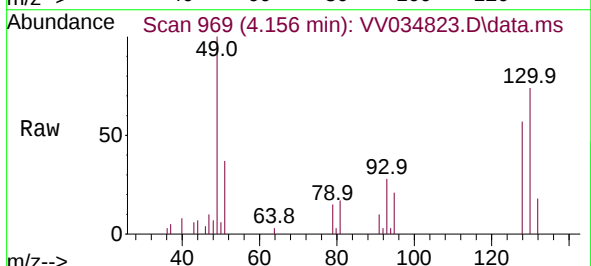
Instrument :
MSVOA_V
ClientSampleId :

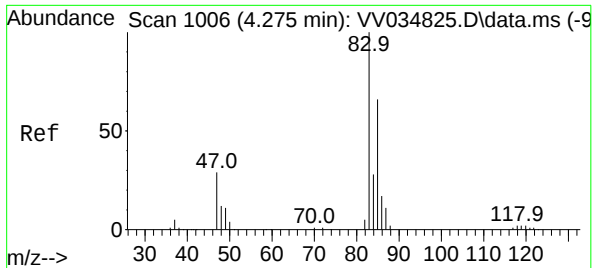
Tgt Ion: 43 Resp: 9845
Ion Ratio Lower Upper
43 100
72 31.0 13.2 39.6



#23
Bromochloromethane
Concen: 5.011 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.010 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 128 Resp: 8090
Ion Ratio Lower Upper
128 100
49 174.8 123.8 229.8
130 128.7 93.2 173.0
51 64.4 44.0 66.0





#25

Chloroform

Concen: 4.774 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

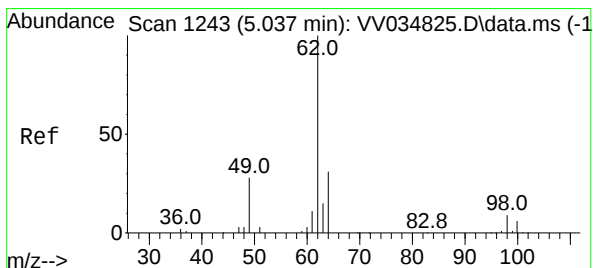
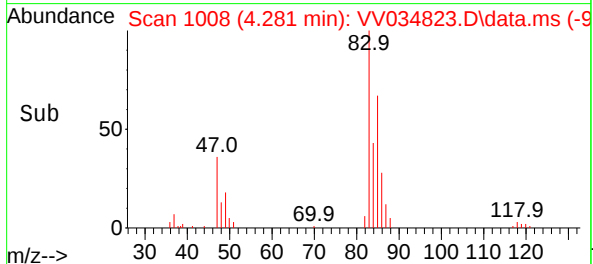
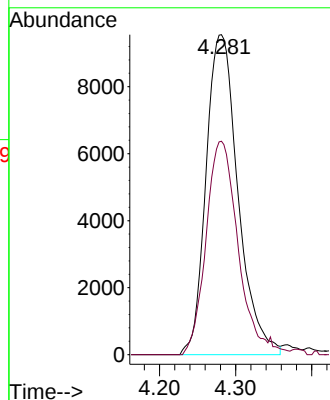
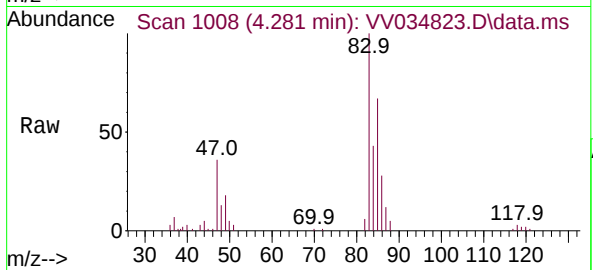
ClientSampleId :

Tgt Ion: 83 Resp: 27915

Ion Ratio Lower Upper

83 100

85 66.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 4.622 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV034823.D

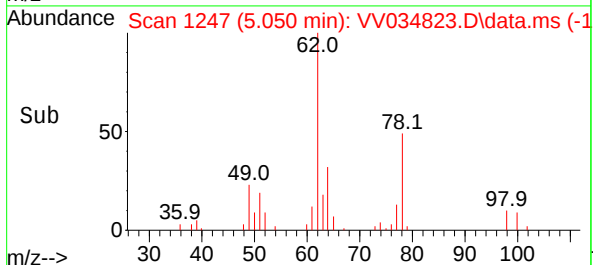
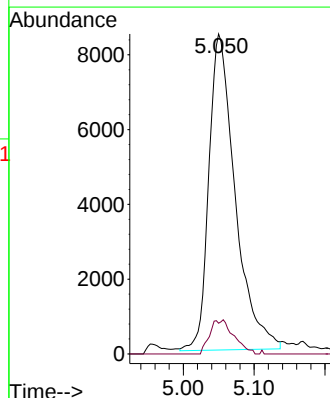
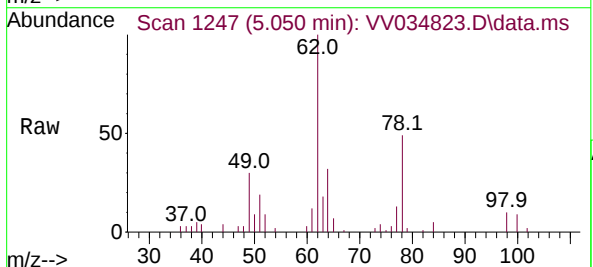
Acq: 26 Mar 2024 12:15

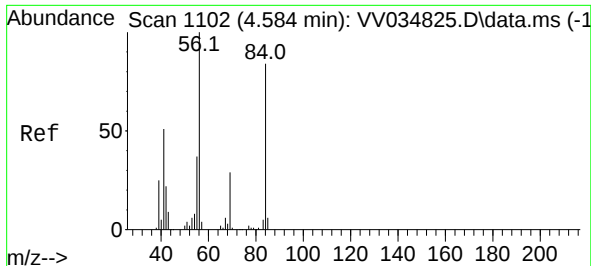
Tgt Ion: 62 Resp: 21833

Ion Ratio Lower Upper

62 100

98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 4.389 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

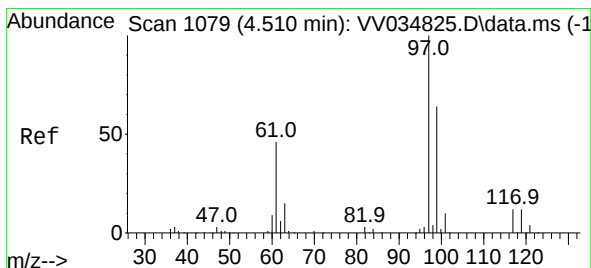
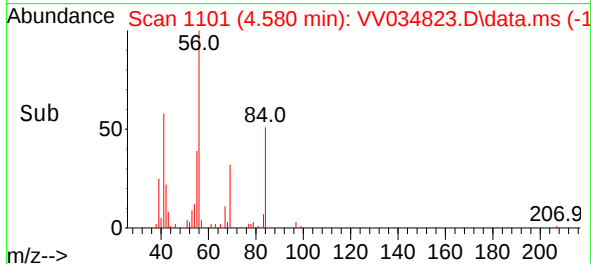
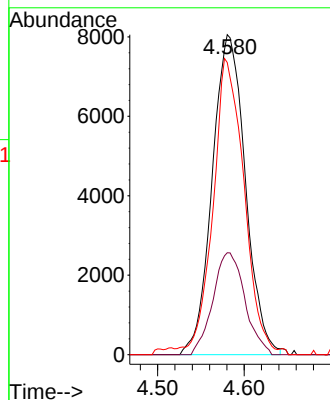
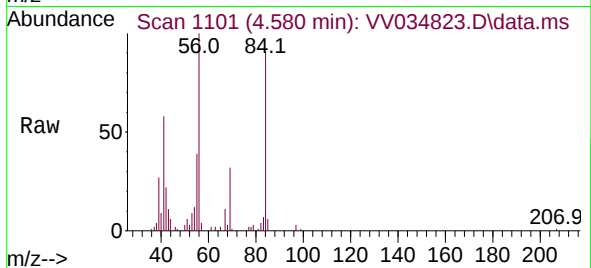
Tgt Ion: 56 Resp: 21385

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 86.2 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 4.463 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

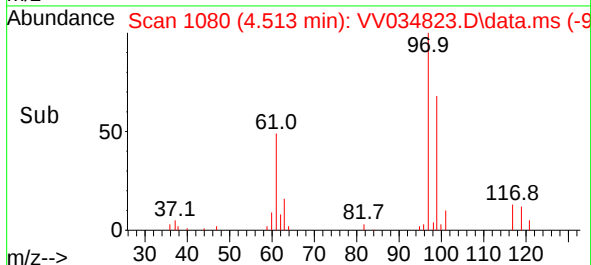
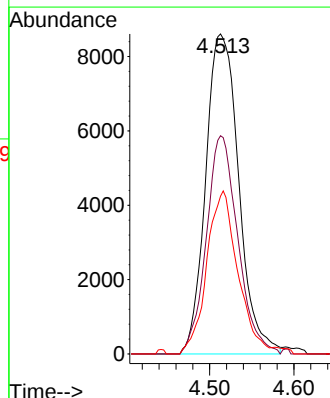
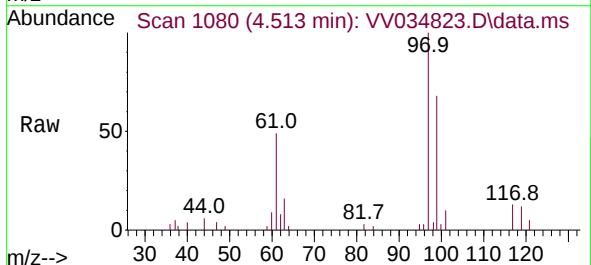
Tgt Ion: 97 Resp: 23514

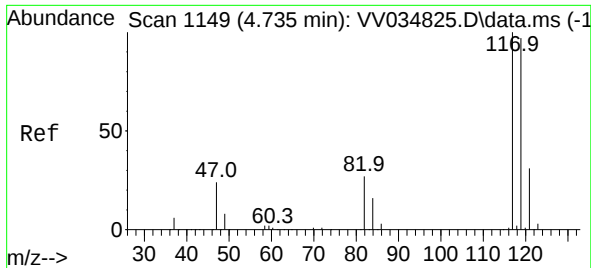
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 47.7 36.8 55.2

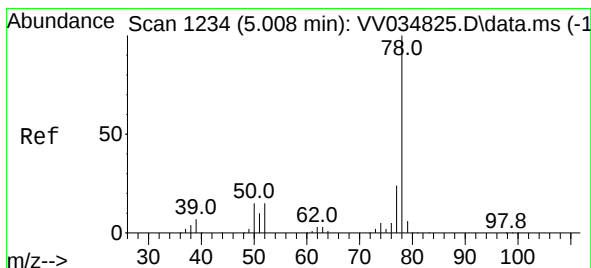
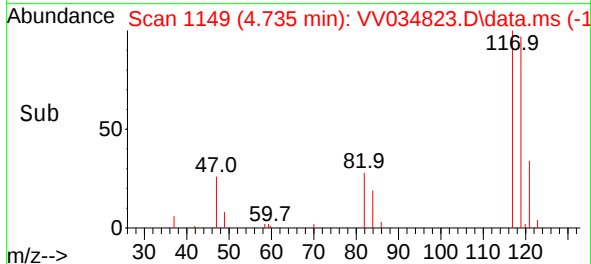
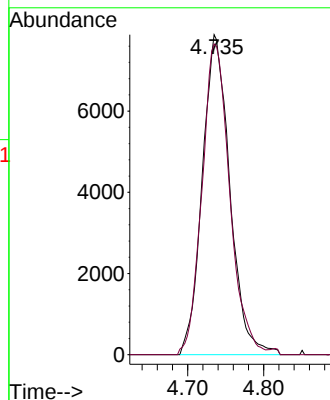
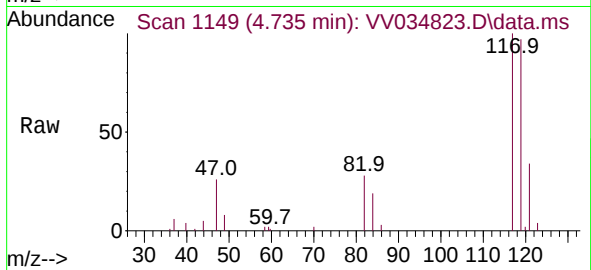




#31
Carbon tetrachloride
Concen: 4.280 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

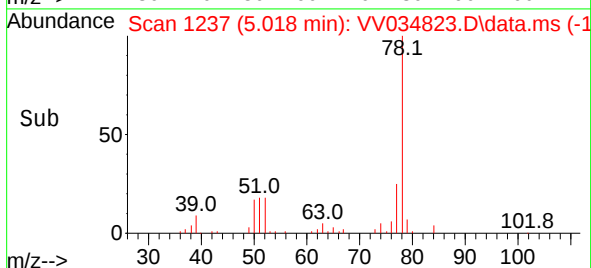
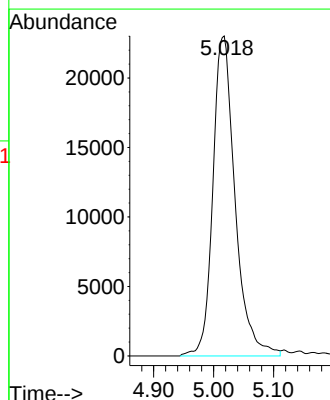
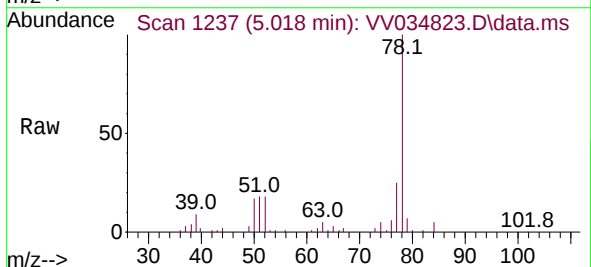
Instrument :
MSVOA_V
ClientSampleId :

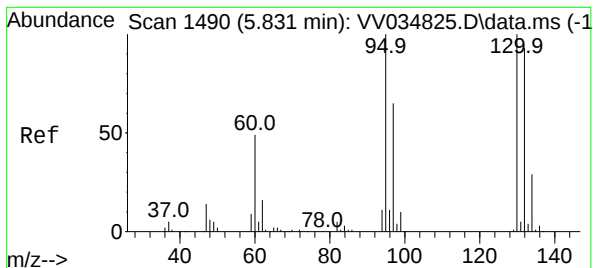
Tgt Ion:117 Resp: 19833
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7



#33
Benzene
Concen: 5.036 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 78 Resp: 59236





#34

Trichloroethene

Concen: 4.918 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 16278

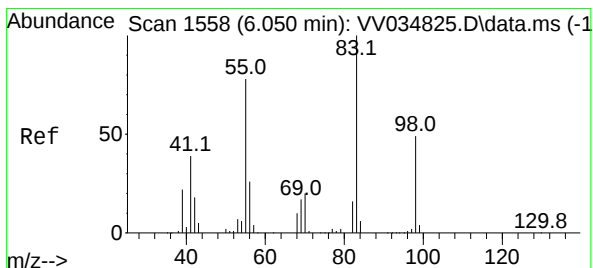
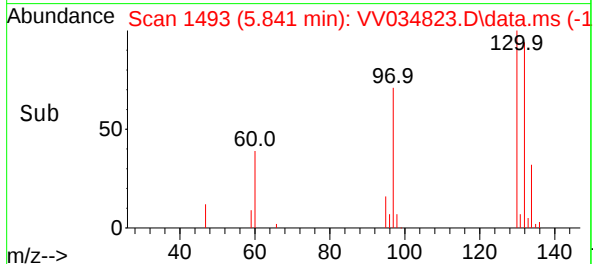
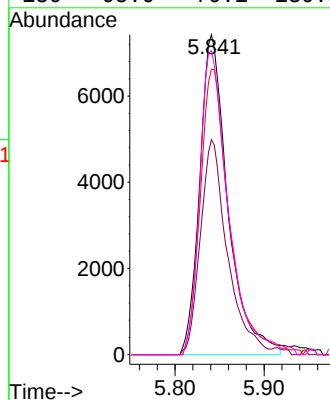
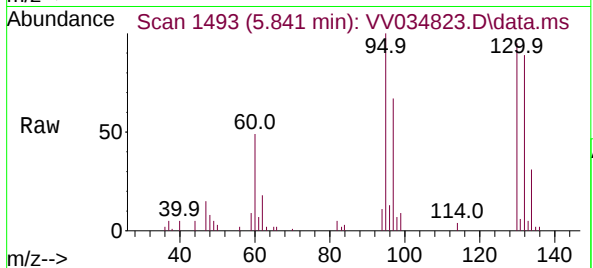
Ion Ratio Lower Upper

95 100

97 67.2 45.3 84.1

132 89.2 65.3 121.3

130 95.0 70.1 130.3



#35

Methylcyclohexane

Concen: 4.416 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

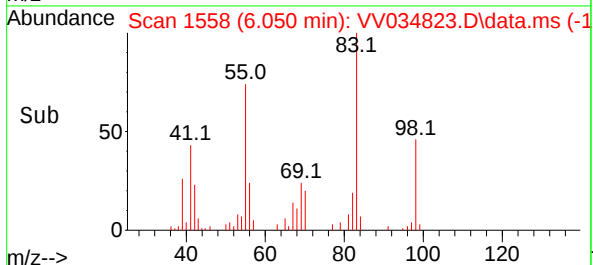
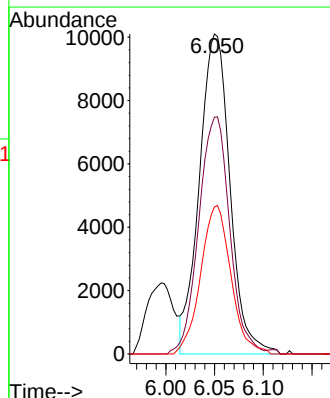
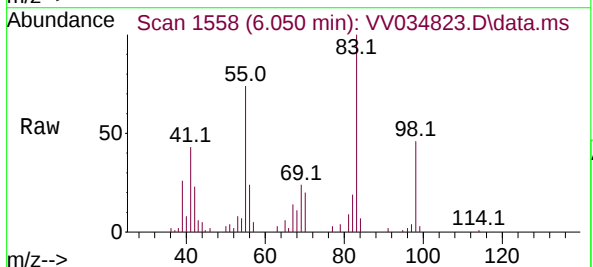
Tgt Ion: 83 Resp: 22143

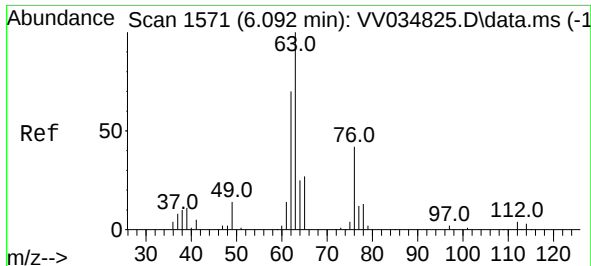
Ion Ratio Lower Upper

83 100

55 74.5 60.0 90.0

98 45.7 37.6 56.4

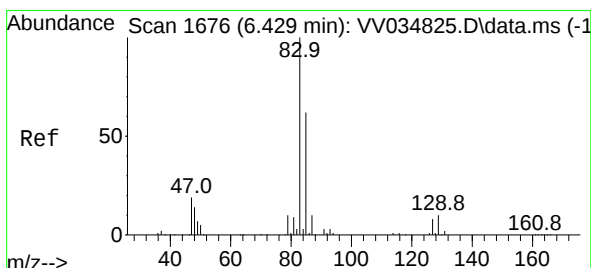
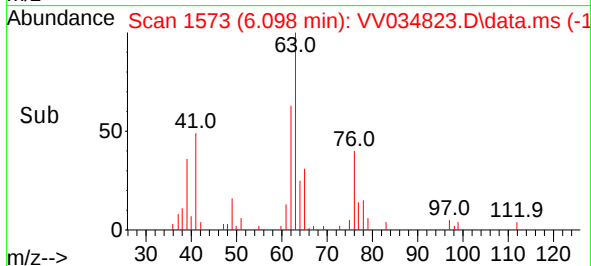
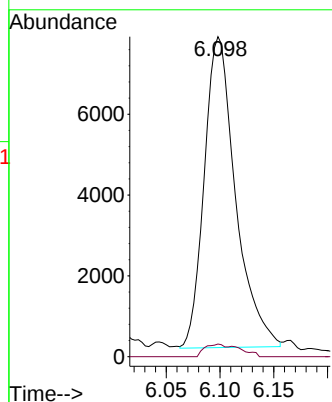
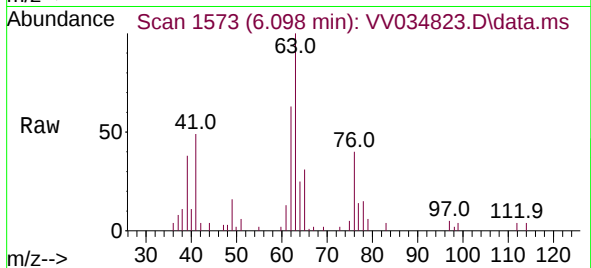




#37
1,2-Dichloropropane
Concen: 4.990 ug/L
RT: 6.098 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

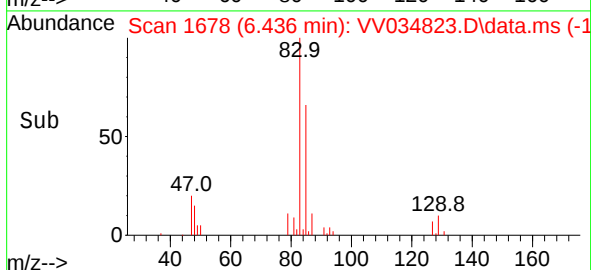
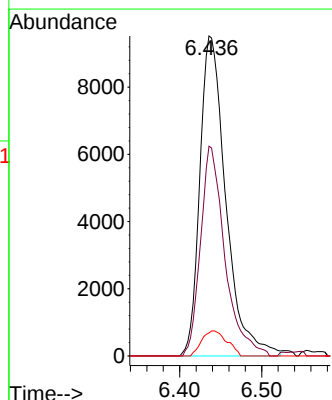
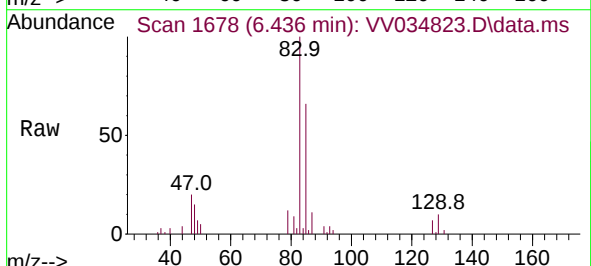
Instrument :
MSVOA_V
ClientSampleId :

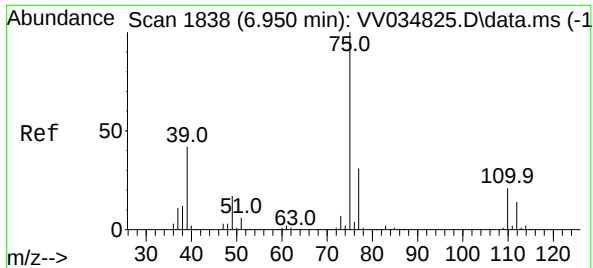
Tgt Ion: 63 Resp: 15589
Ion Ratio Lower Upper
63 100
112 2.8 3.3 4.9#



#38
Bromodichloromethane
Concen: 4.866 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 83 Resp: 20923
Ion Ratio Lower Upper
83 100
85 65.6 43.7 81.1
127 7.2 6.4 9.6

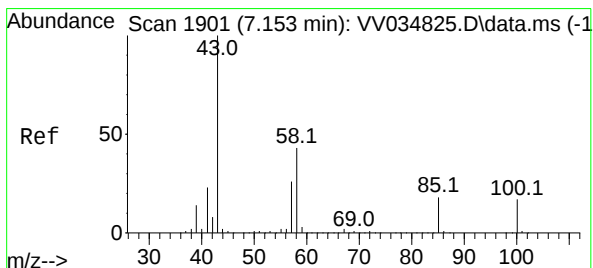
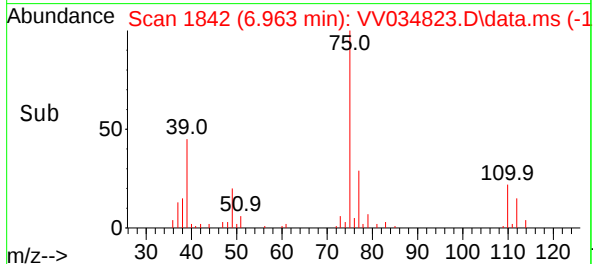
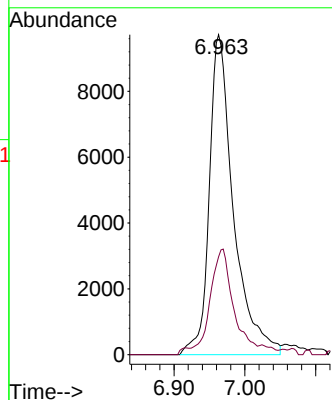
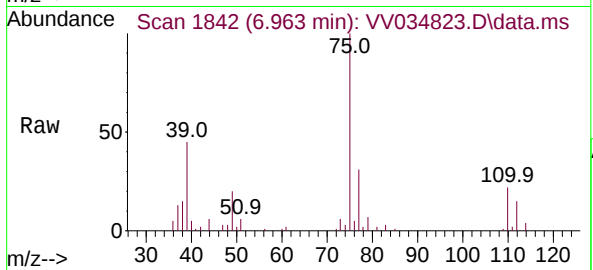




#39
 cis-1,3-Dichloropropene
 Concen: 4.603 ug/L
 RT: 6.963 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV034823.D
 Acq: 26 Mar 2024 12:15

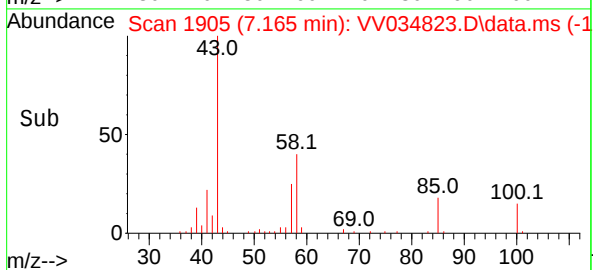
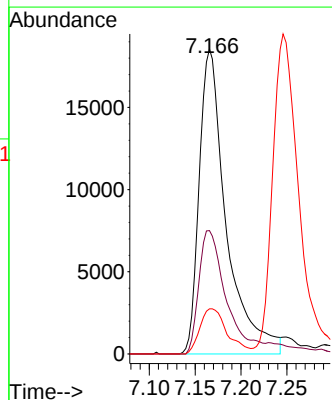
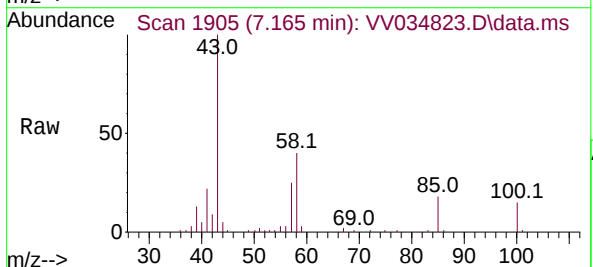
Instrument :
 MSVOA_V
 ClientSampleId :

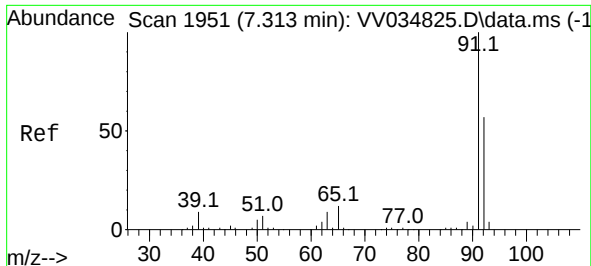
Tgt Ion: 75 Resp: 23059
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 8.515 ug/L
 RT: 7.165 min Scan# 1905
 Delta R.T. 0.013 min
 Lab File: VV034823.D
 Acq: 26 Mar 2024 12:15

Tgt Ion: 43 Resp: 38064
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.8 50.8
 100 15.1 13.0 19.4





#42

Toluene

Concen: 4.818 ug/L

RT: 7.320 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

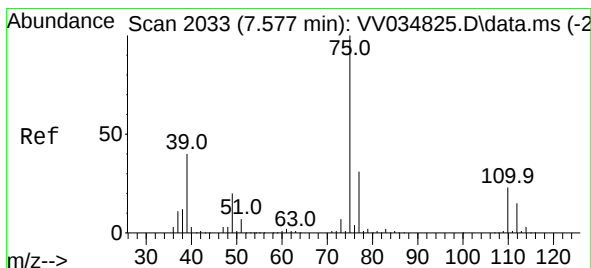
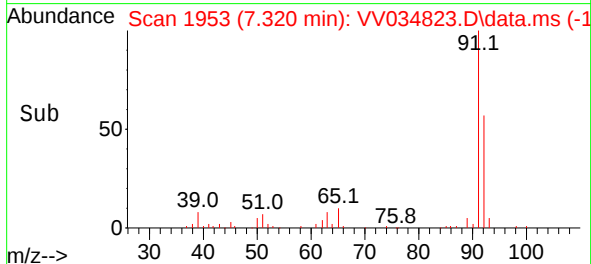
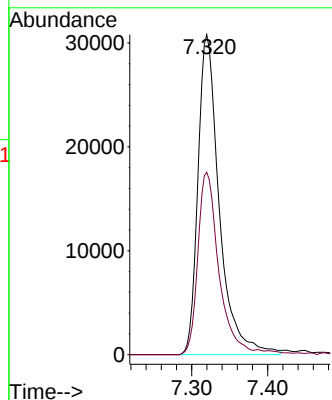
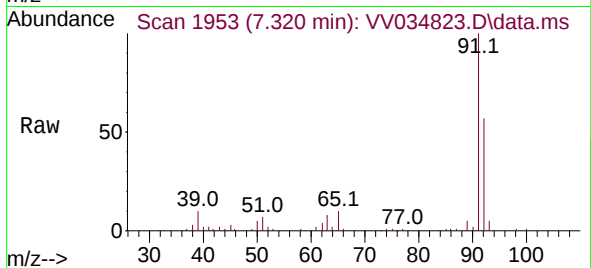
ClientSampleId :

Tgt Ion: 91 Resp: 59933

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.049 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV034823.D

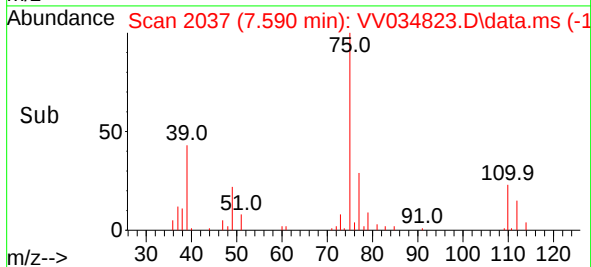
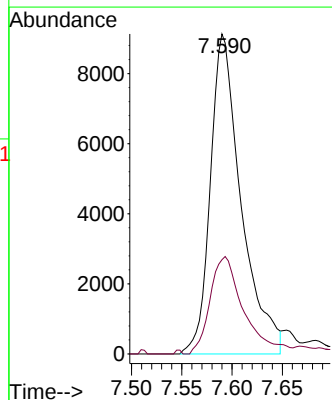
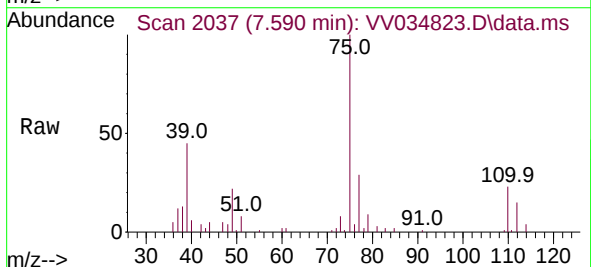
Acq: 26 Mar 2024 12:15

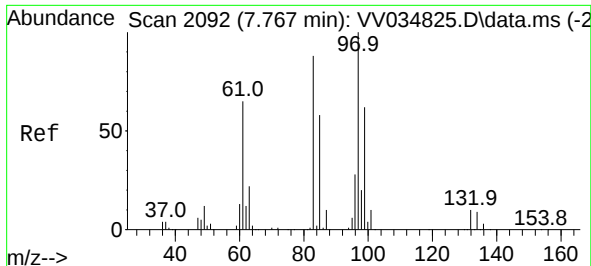
Tgt Ion: 75 Resp: 19442

Ion Ratio Lower Upper

75 100

77 29.5 21.7 40.3

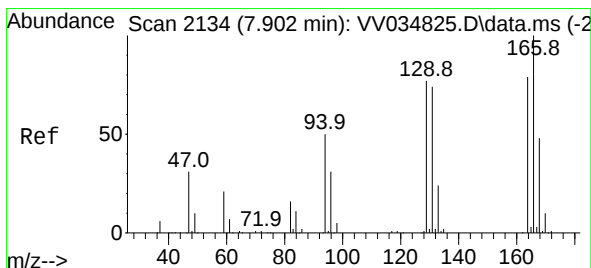
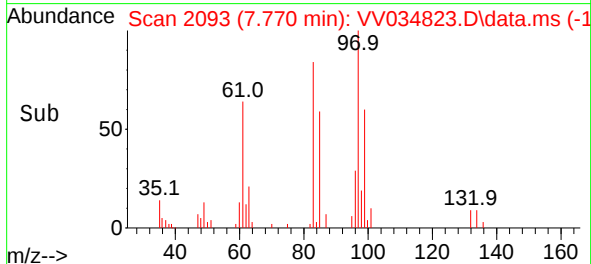
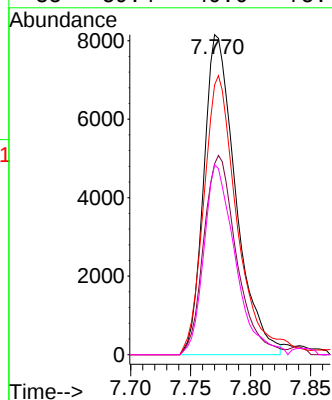
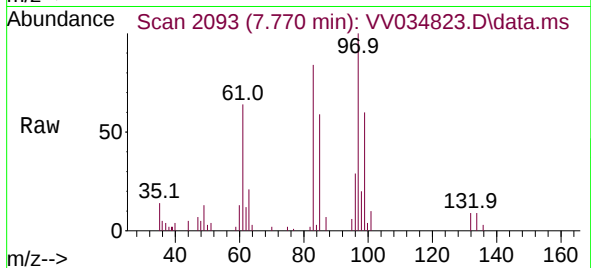




#45
1,1,2-Trichloroethane
Concen: 5.059 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

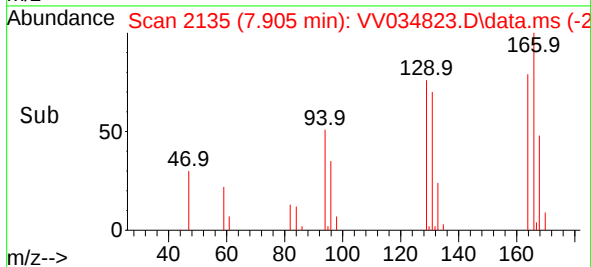
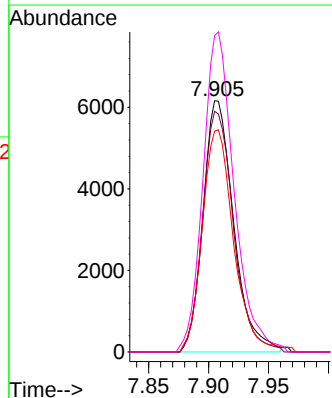
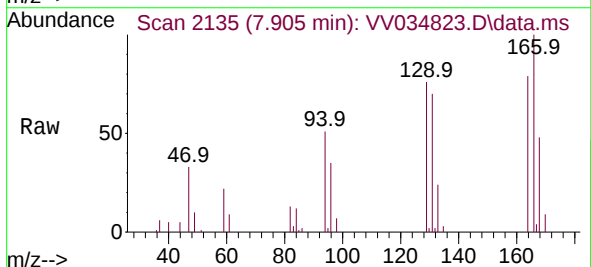
Instrument :
MSVOA_V
ClientSampleId :

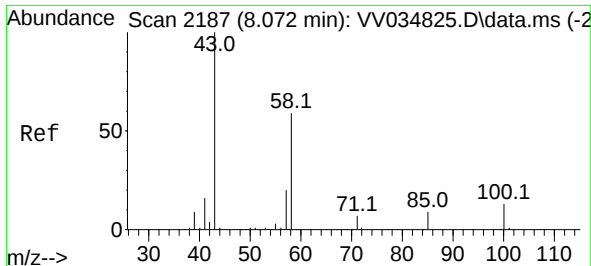
Tgt Ion: 97	Resp: 15142
Ion Ratio	Lower Upper
97 100	
99 59.6	43.3 80.3
83 84.3	61.6 114.4
85 59.4	40.6 75.4



#46
Tetrachloroethene
Concen: 4.516 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt	Ion:164	Resp:	10956
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.6	127.4
131	88.0	65.7	122.1
166	125.9	89.0	165.2



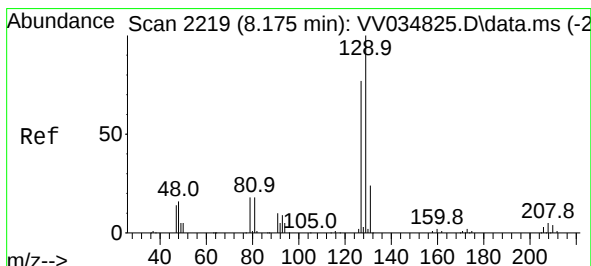
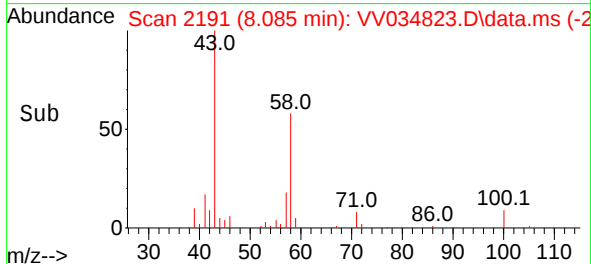
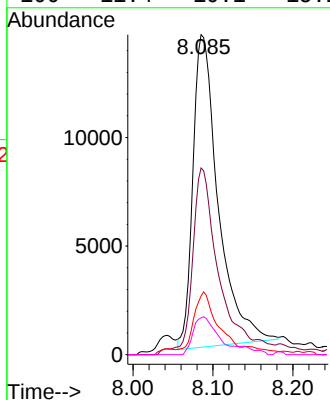
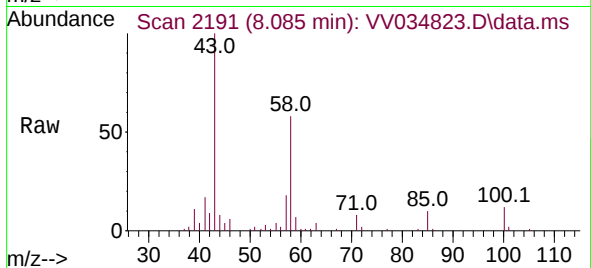


#48
2-Hexanone
Concen: 8.922 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 31765

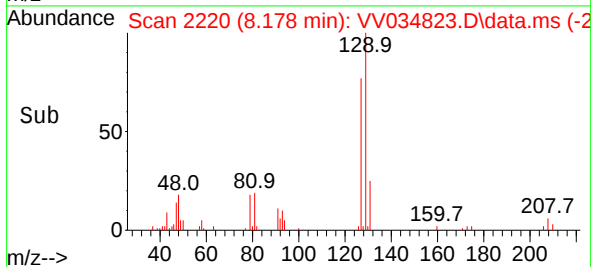
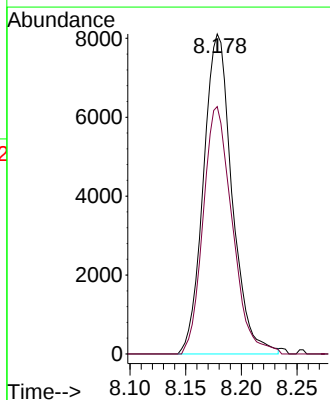
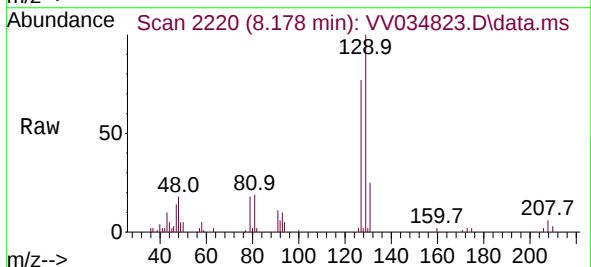
Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.4	68.2
57	16.4	16.2	24.4
100	11.4	10.1	15.1

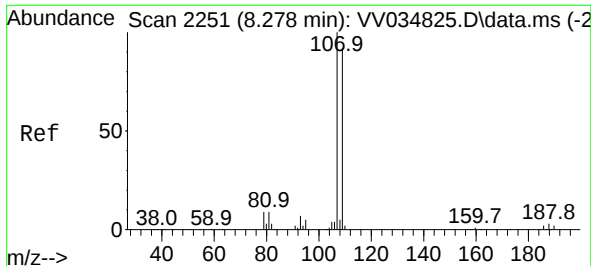


#49
Dibromochloromethane
Concen: 4.658 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 129 Resp: 14533

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5

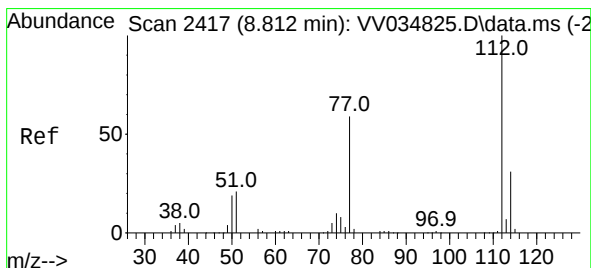
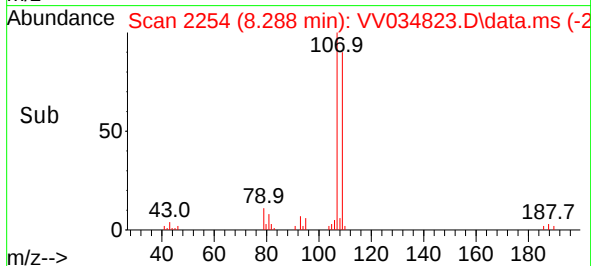
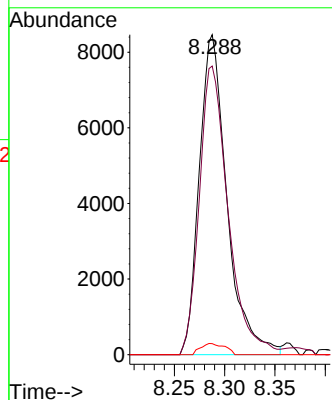
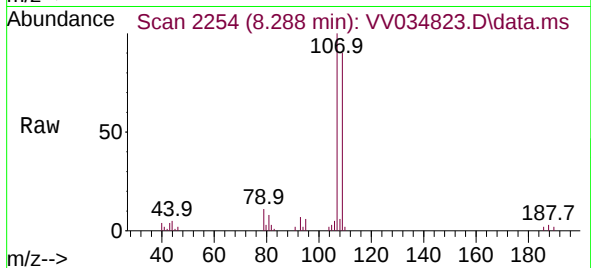




#50
1,2-Dibromoethane
Concen: 5.106 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

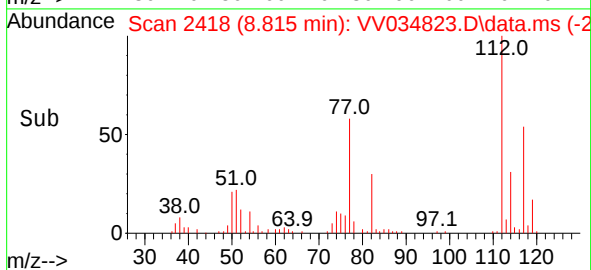
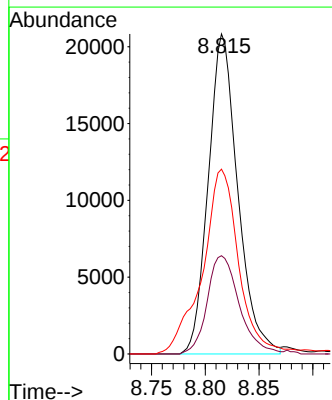
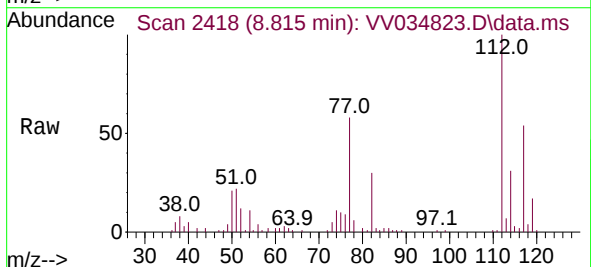
Instrument :
MSVOA_V
ClientSampleId :

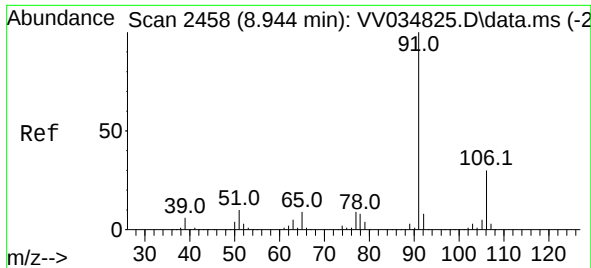
Tgt Ion:107 Resp: 16238
Ion Ratio Lower Upper
107 100
109 90.2 64.5 119.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 4.934 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion:112 Resp: 39756
Ion Ratio Lower Upper
112 100
114 30.7 22.0 41.0
77 57.7 47.4 71.2

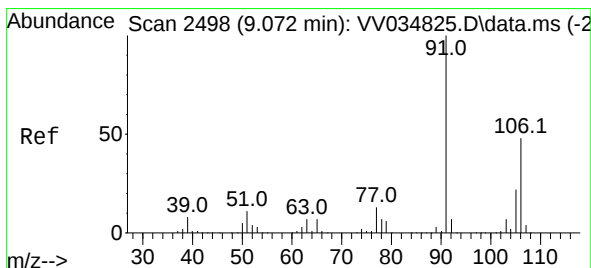
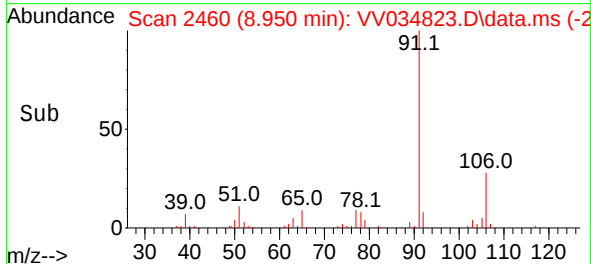
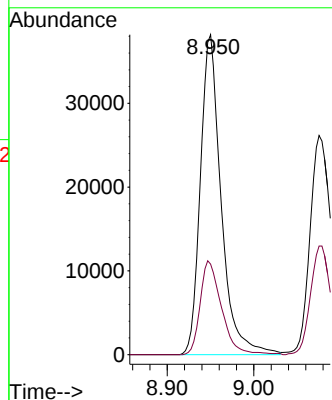
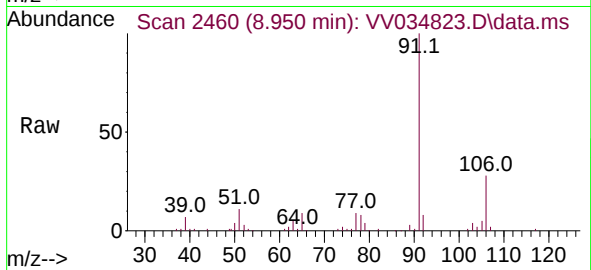




#52
Ethylbenzene
Concen: 4.585 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

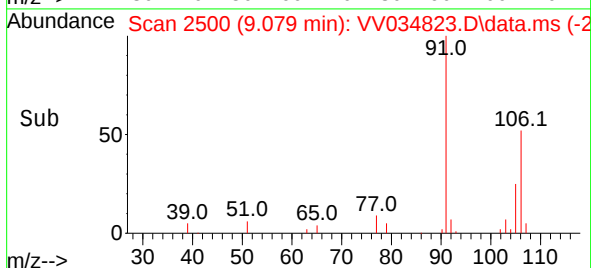
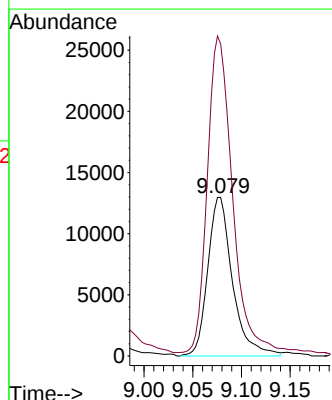
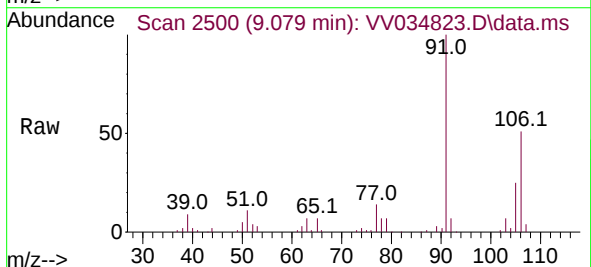
Instrument :
MSVOA_V
ClientSampleId :

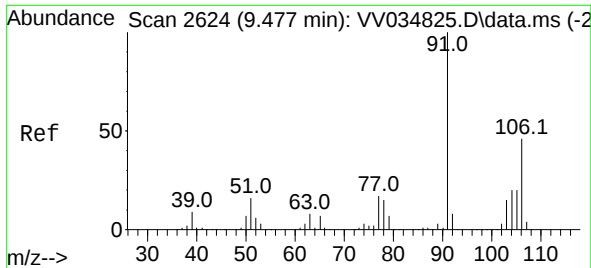
Tgt Ion: 91 Resp: 63660
Ion Ratio Lower Upper
91 100
106 28.3 21.3 39.5



#53
m,p-Xylene
Concen: 4.352 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion: 106 Resp: 22922
Ion Ratio Lower Upper
106 100
91 196.7 144.8 269.0

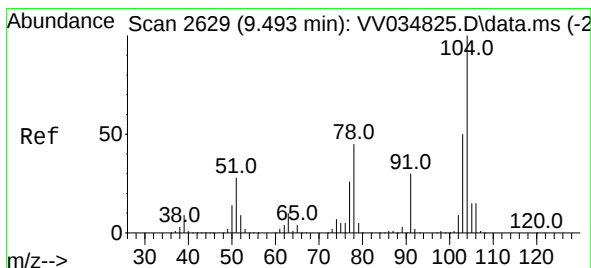
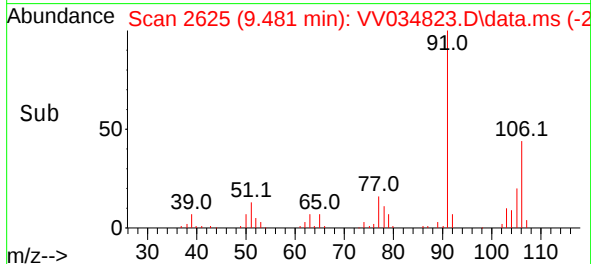
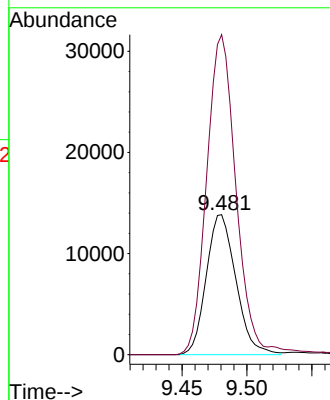
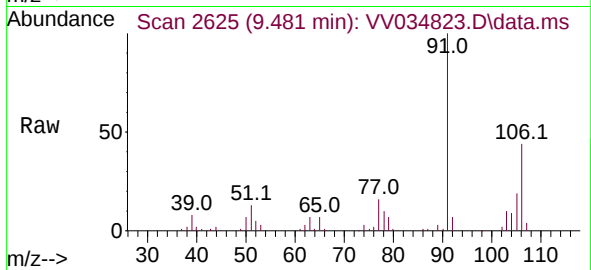




#54
o-Xylene
Concen: 4.251 ug/L
RT: 9.481 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

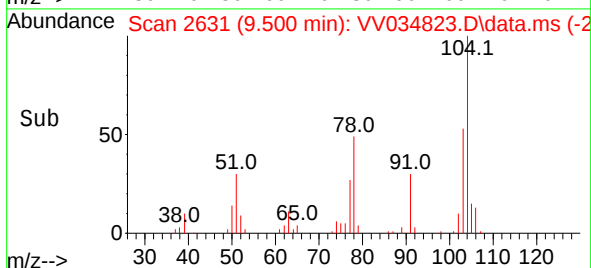
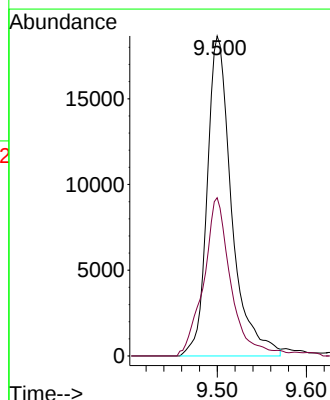
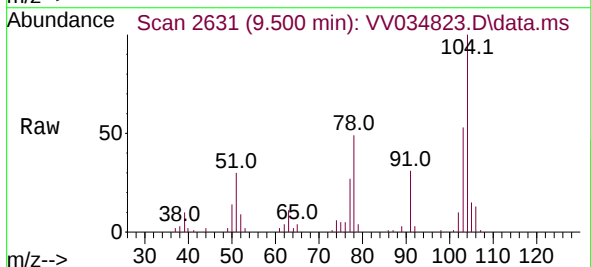
Instrument :
MSVOA_V
ClientSampleId :

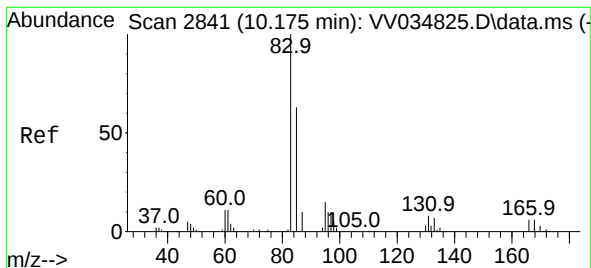
Tgt Ion:106 Resp: 21962
Ion Ratio Lower Upper
106 100
91 228.6 151.3 280.9



#55
Styrene
Concen: 4.067 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion:104 Resp: 35520
Ion Ratio Lower Upper
104 100
78 49.4 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.188 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

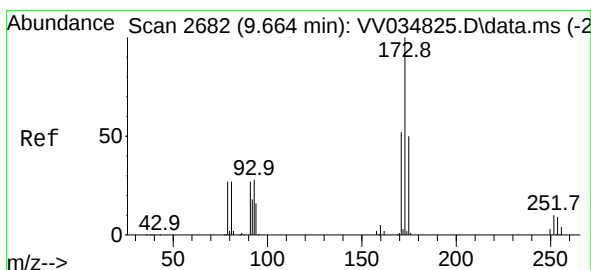
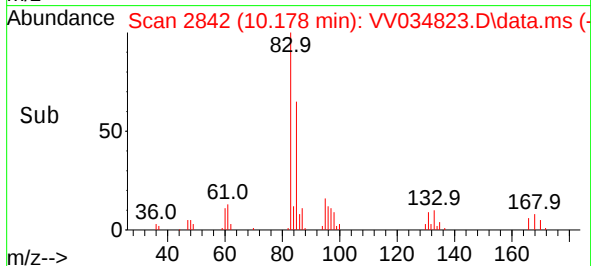
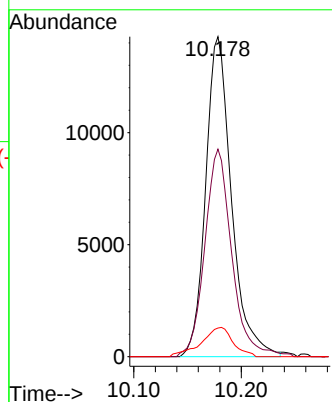
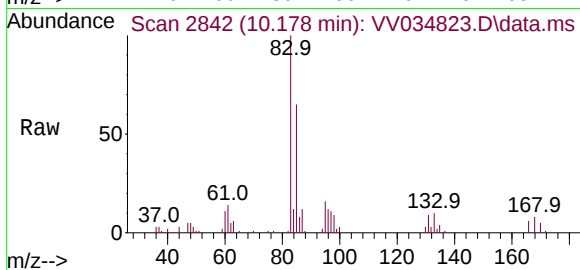
Tgt Ion: 83 Resp: 23822

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 4.479 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

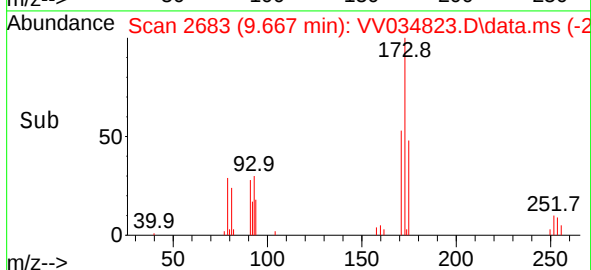
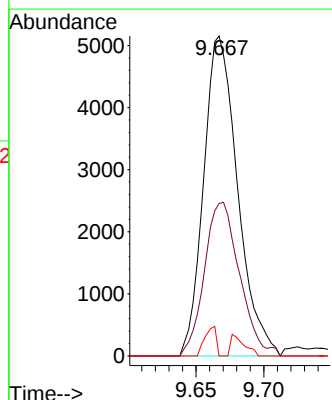
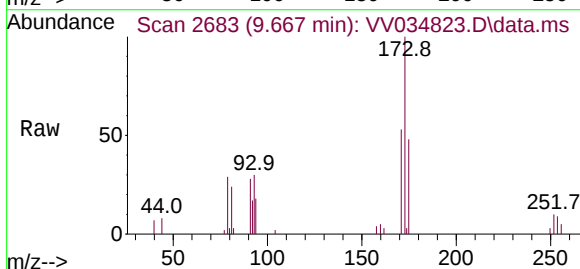
Tgt Ion: 173 Resp: 8982

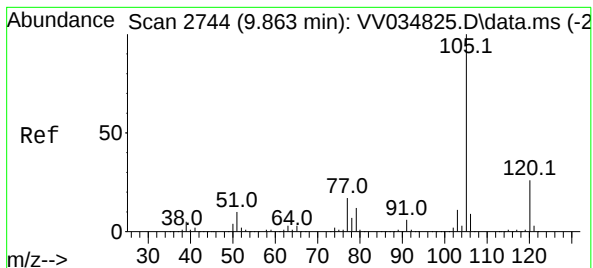
Ion Ratio Lower Upper

173 100

175 49.0 39.3 58.9

254 3.1 7.5 11.3#





#60

Isopropylbenzene

Concen: 4.556 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

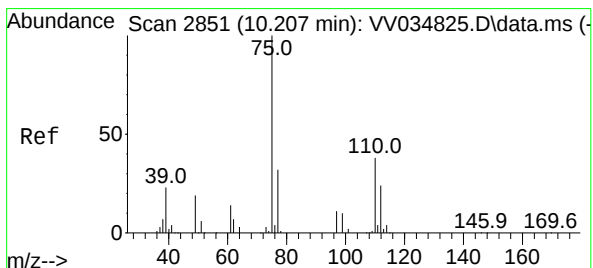
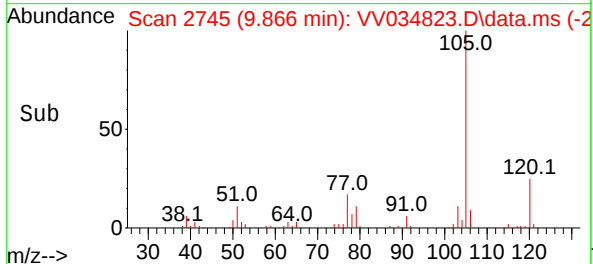
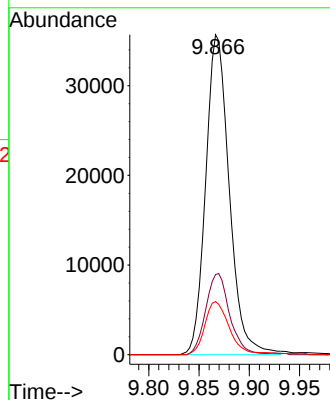
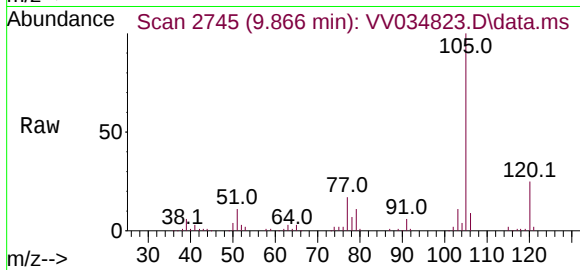
Tgt Ion:105 Resp: 58271

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

77 17.3 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 5.682 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

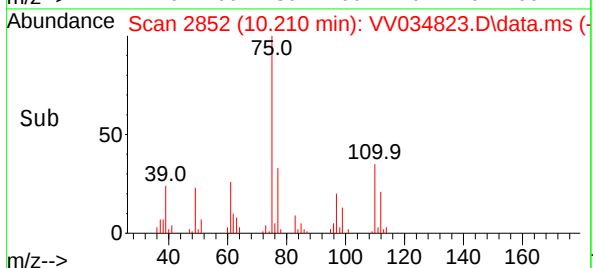
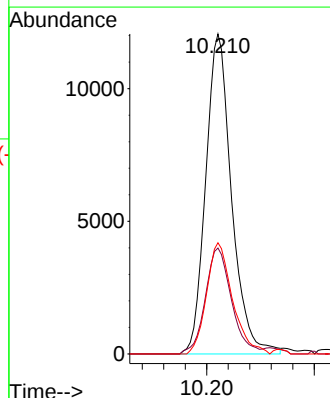
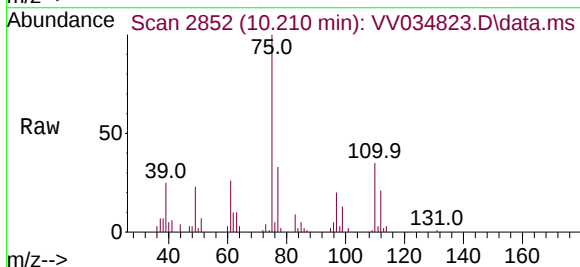
Tgt Ion: 75 Resp: 20115

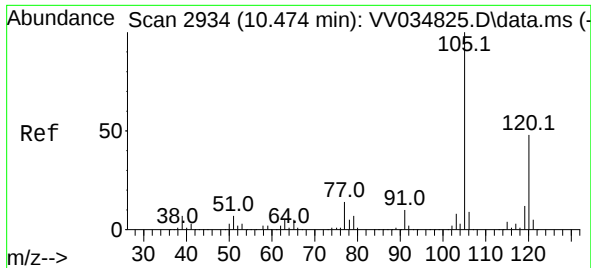
Ion Ratio Lower Upper

75 100

77 33.3 26.0 39.0

110 34.8 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 3.506 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

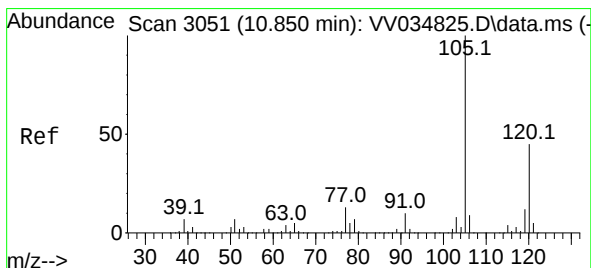
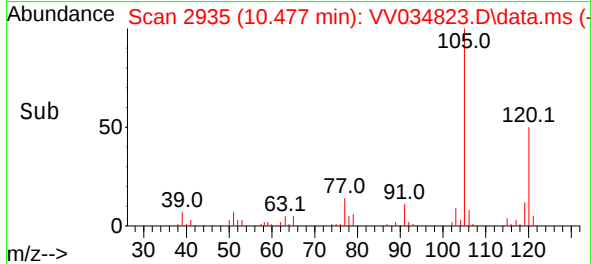
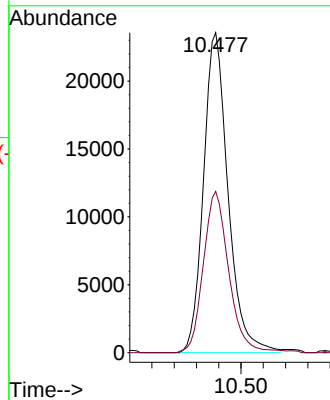
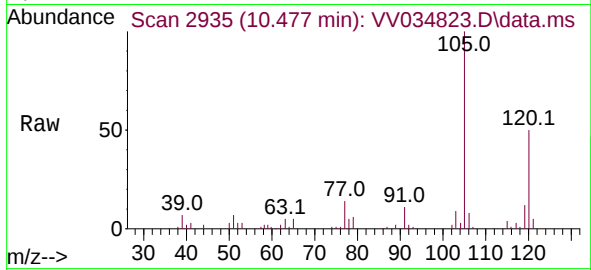
ClientSampleId :

Tgt Ion:105 Resp: 36055

Ion Ratio Lower Upper

105 100

120 52.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.188 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034823.D

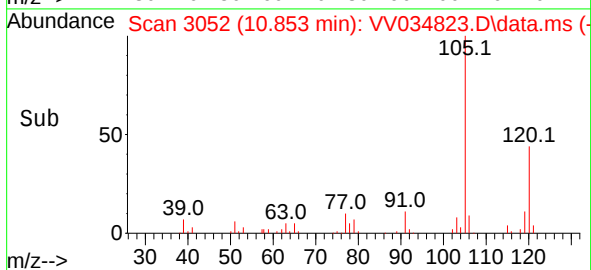
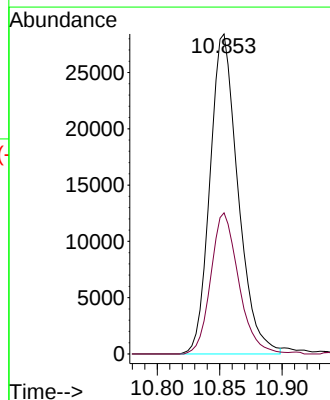
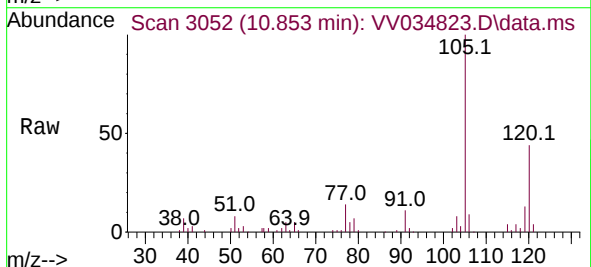
Acq: 26 Mar 2024 12:15

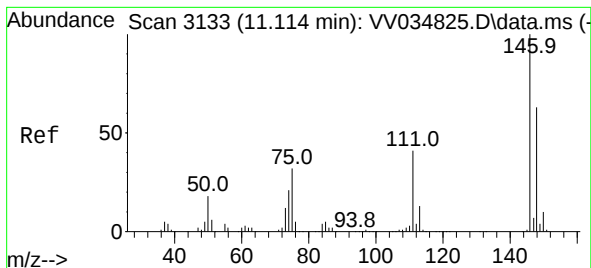
Tgt Ion:105 Resp: 44545

Ion Ratio Lower Upper

105 100

120 43.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 5.102 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

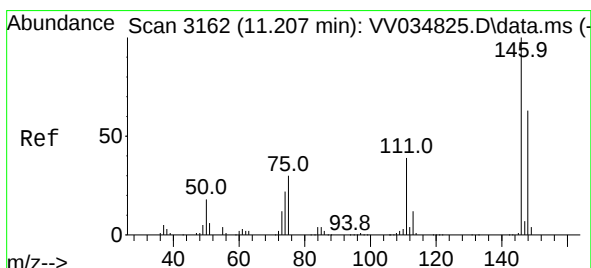
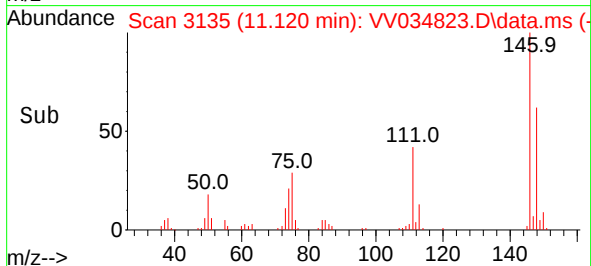
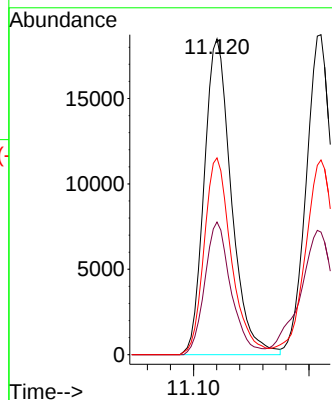
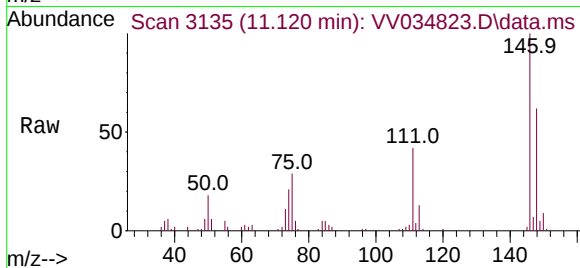
Tgt Ion:146 Resp: 30190

Ion Ratio Lower Upper

146 100

111 42.0 28.7 53.3

148 62.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 5.139 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

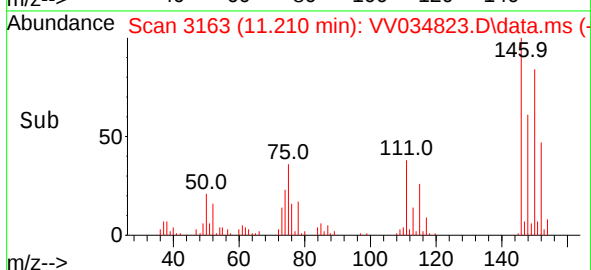
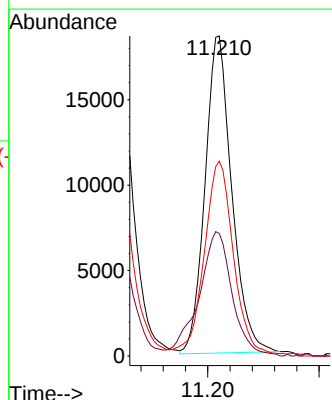
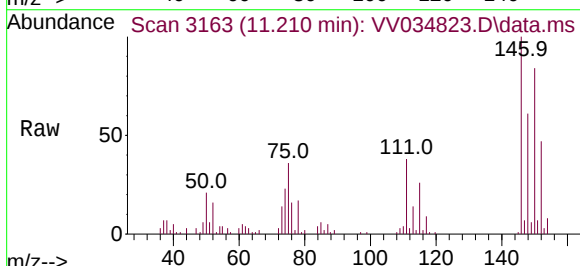
Tgt Ion:146 Resp: 31010

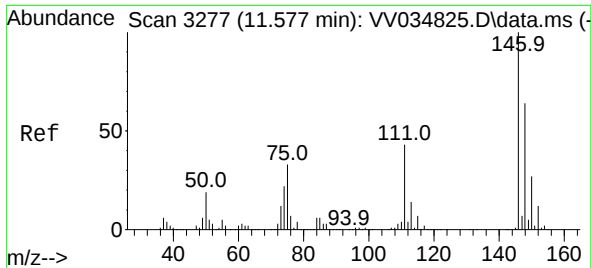
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 60.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 5.047 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

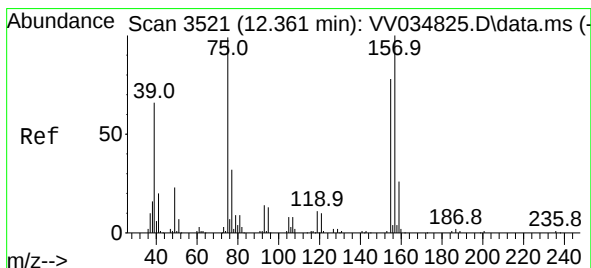
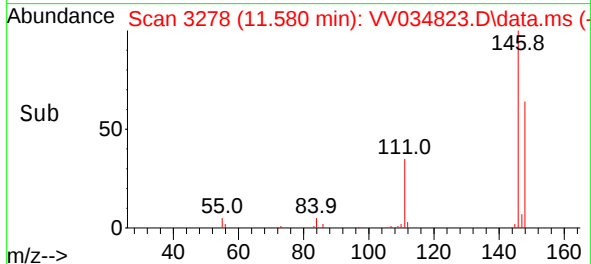
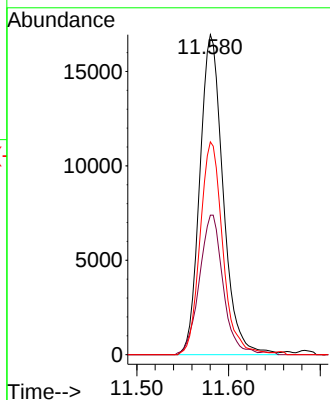
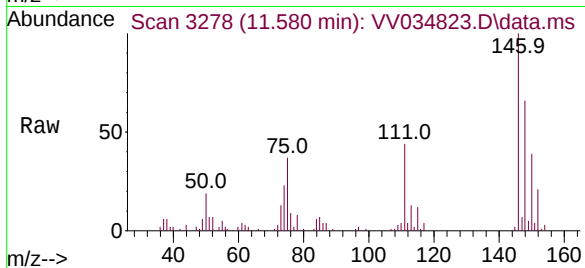
Tgt Ion:146 Resp: 29954

Ion Ratio Lower Upper

146 100

111 43.6 34.6 52.0

148 66.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.905 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

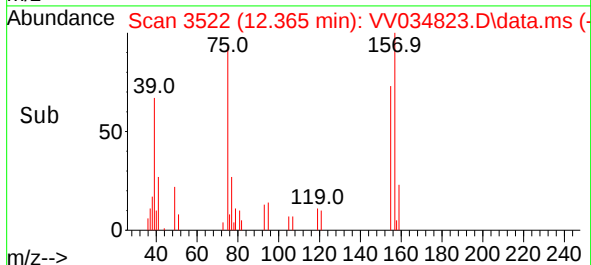
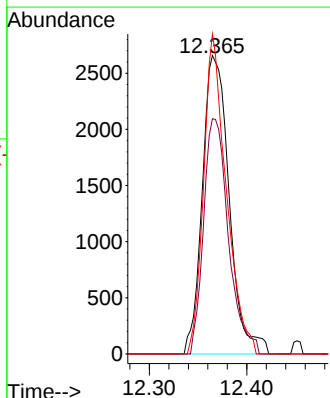
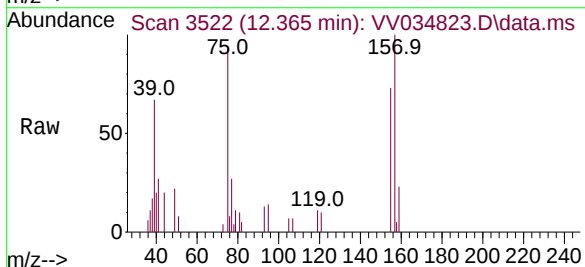
Tgt Ion: 75 Resp: 5083

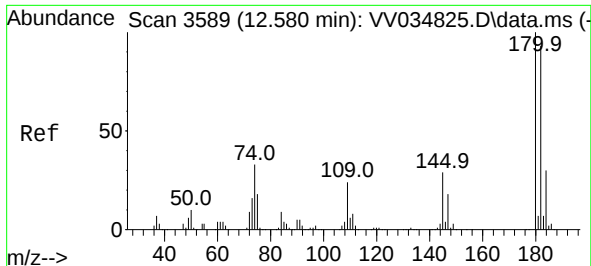
Ion Ratio Lower Upper

75 100

155 78.8 63.0 94.6

157 107.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 4.608 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

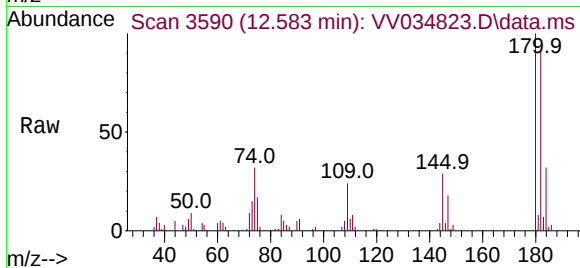
Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 20299

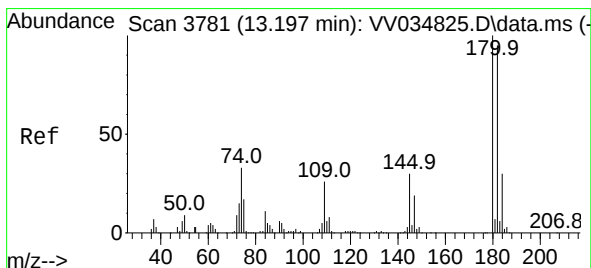
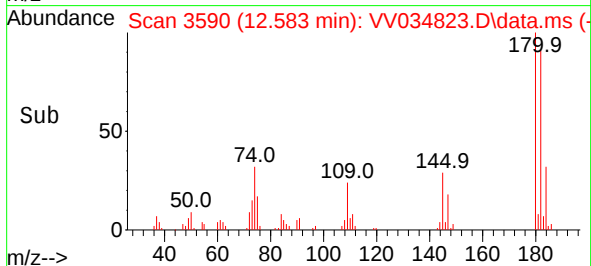
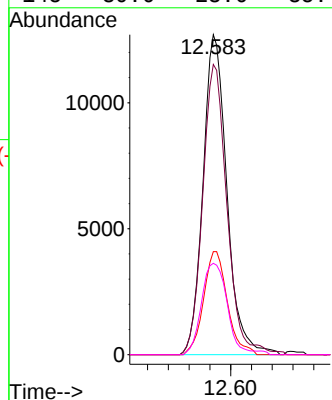
Ion Ratio Lower Upper

180 100

182 90.3 74.7 112.1

184 32.0 24.0 36.0

145 30.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.760 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034823.D

Acq: 26 Mar 2024 12:15

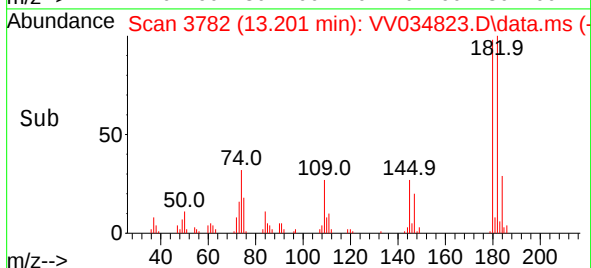
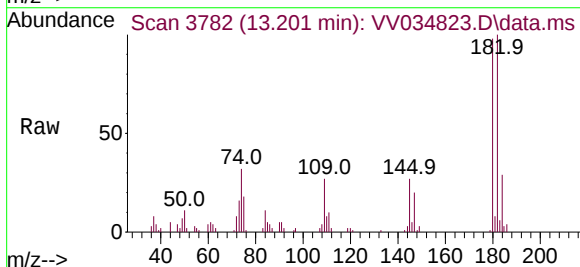
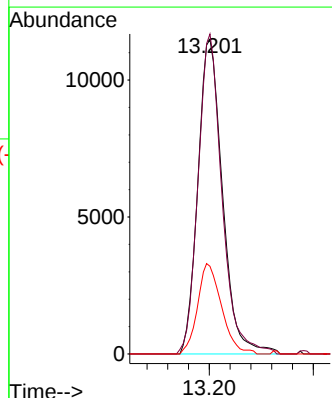
Tgt Ion:180 Resp: 18895

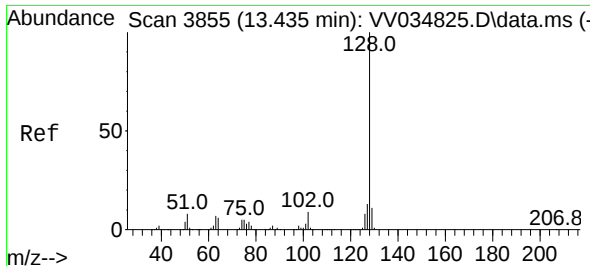
Ion Ratio Lower Upper

180 100

182 98.6 75.6 113.4

145 27.5 24.1 36.1

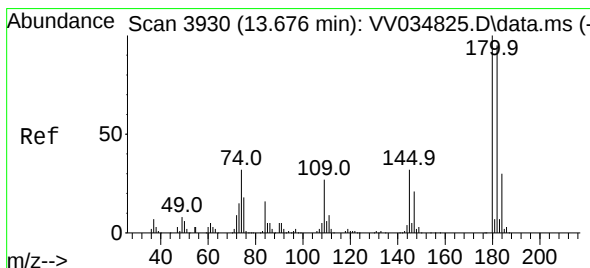
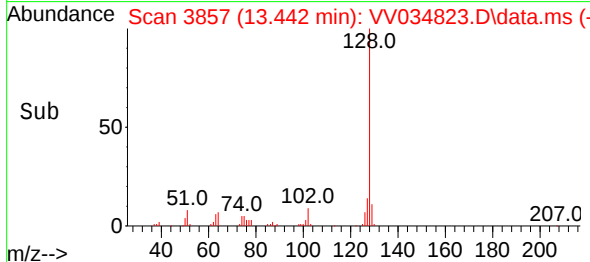
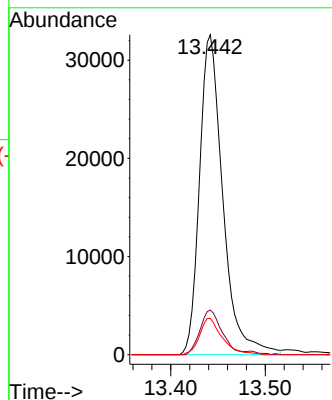
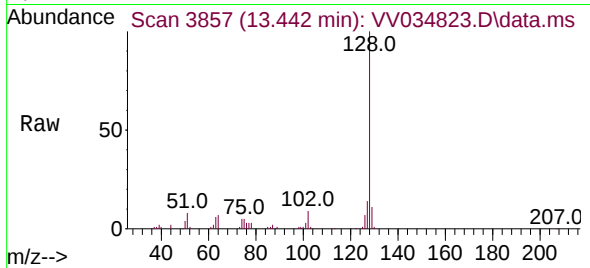




#71
Naphthalene
Concen: 5.318 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.006 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 55794
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.888 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034823.D
Acq: 26 Mar 2024 12:15

Tgt Ion:180 Resp: 18900
Ion Ratio Lower Upper
180 100
182 93.2 76.2 114.2
145 31.3 25.8 38.6

