

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031236.D
 Acq On : 25 May 2023 16:18
 Operator : SY/MD
 Sample : VSTD00145
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 06:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140800	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	15113	0.969	ug/L	0.00
7) Chloroethane-d5	1.535	69	11814	0.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	6073	0.942	ug/L	0.00
20) 2-Butanone-d5	3.838	46	19226	5.702	ug/L	0.03
24) Chloroform-d	4.262	84	29933	0.967	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	15354	1.004	ug/L	0.00
32) Benzene-d6	4.973	84	49087	0.983	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	17770	1.064	ug/L	0.00
41) Toluene-d8	7.252	98	37510	0.860	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	5203	0.969	ug/L	0.00
46) 2-Hexanone-d5	8.040	63	15960	7.429	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	11459	0.972	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	15566	0.959	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	15179	1.002	ug/L	98
3) Chloromethane	1.217	50	19457	1.148	ug/L	95
5) Vinyl chloride	1.285	62	16065	0.980	ug/L	95
6) Bromomethane	1.494	94	8960	1.107	ug/L	87
8) Chloroethane	1.555	64	9363	1.084	ug/L	93
9) Trichlorofluoromethane	1.719	101	23148	1.027	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	11398	0.955	ug/L	97
12) 1,1-Dichloroethene	2.076	96	8905	0.934	ug/L	67
13) Acetone	2.143	43	21854	8.207	ug/L	65
14) Carbon disulfide	2.246	76	27977	0.991	ug/L	97
15) Methyl Acetate	2.391	43	4847	0.922	ug/L #	78
16) Methylene chloride	2.455	84	22177	1.348	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	25530	0.971	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	10572	0.995	ug/L	94
19) 1,1-Dichloroethane	3.121	63	27734	1.058	ug/L	95
21) 2-Butanone	3.915	43	25308	7.583	ug/L	89
22) cis-1,2-Dichloroethene	3.834	96	11885	0.973	ug/L	95
23) Bromochloromethane	4.169	128	5161	0.949	ug/L	93
25) Chloroform	4.291	83	27228	1.016	ug/L	94
27) 1,2-Dichloroethane	5.059	62	15488	1.018	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	25080	1.126	ug/L	97
30) Cyclohexane	4.590	56	16414	0.962	ug/L	96
31) Carbon tetrachloride	4.747	117	21958	1.143	ug/L	95
33) Benzene	5.021	78	48438	1.087	ug/L	100
34) Trichloroethene	5.844	95	13090	1.094	ug/L	96
35) Methylcyclohexane	6.056	83	17199	1.039	ug/L	97
37) 1,2-Dichloropropane	6.101	63	13760	1.054	ug/L	100
38) Bromodichloromethane	6.442	83	17495	1.069	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	14831	0.959	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	56290	8.804	ug/L	98
42) Toluene	7.323	91	39452	0.901	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	12825	0.956	ug/L	99

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 Sample : VSTD00145
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 ALS Vial : 9 Sample Multiplier: 1

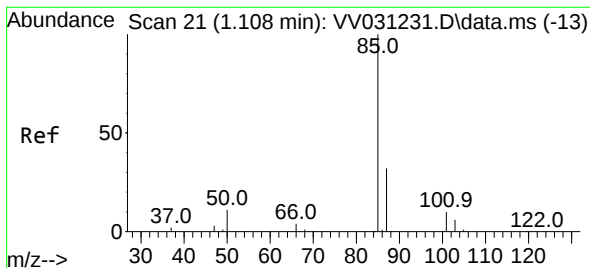
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 06:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.776	97	7732	0.980	ug/L	88
47) Tetrachloroethene	7.915	164	9148	1.054	ug/L	97
48) 2-Hexanone	8.091	43	39759	8.435	ug/L	97
49) Dibromochloromethane	8.185	129	10136	1.069	ug/L	98
50) 1,2-Dibromoethane	8.294	107	7287	1.000	ug/L #	97
51) Chlorobenzene	8.821	112	30350	1.054	ug/L	94
52) Ethylbenzene	8.953	91	46706	0.968	ug/L	100
53) m,p-Xylene	9.082	106	16832	0.944	ug/L	85
54) o-Xylene	9.487	106	15873	0.935	ug/L	98
55) Styrene	9.506	104	27353	0.914	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	10467	1.050	ug/L	98
59) Bromoform	9.677	173	6008	1.073	ug/L	96
60) Isopropylbenzene	9.873	105	47045	0.933	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	8145	1.077	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	37238	0.911	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	36841	0.880	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	25527	1.069	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	23792	0.974	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	24583	1.074	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	1907	1.197	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.590	180	20767	1.071	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	14965	0.966	ug/L	99
71) Naphthalene	13.448	128	20440	0.891	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	12684	0.951	ug/L	99

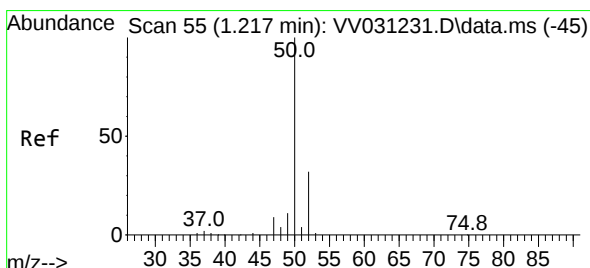
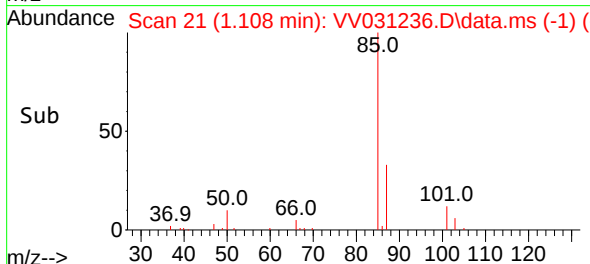
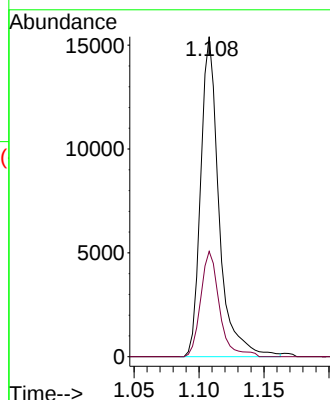
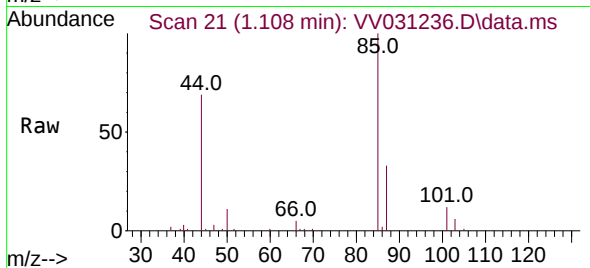
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.002 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031236.D
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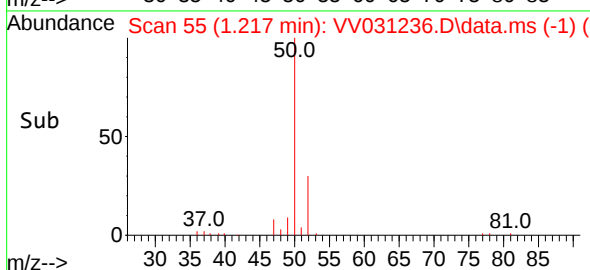
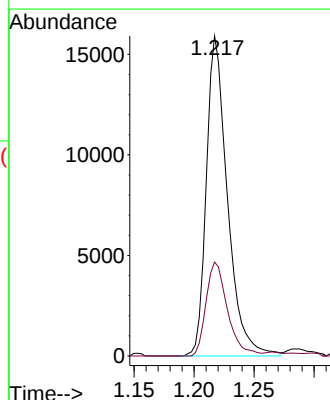
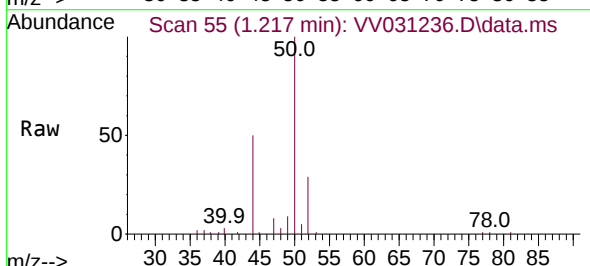
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 MSVOA_V
 ClientSampleId :

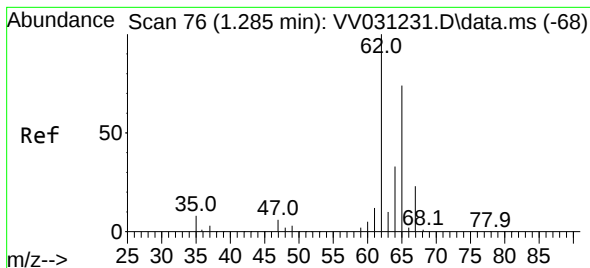
Tgt Ion: 85 Resp: 15179
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.1 39.1



#3
 Chloromethane
 Concen: 1.148 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18

Tgt Ion: 50 Resp: 19457
 Ion Ratio Lower Upper
 50 100
 52 29.3 22.7 42.1





#5

Vinyl chloride

Concen: 0.980 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

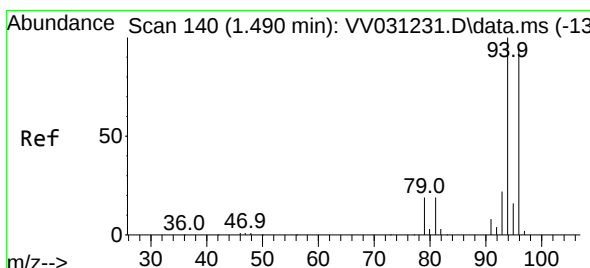
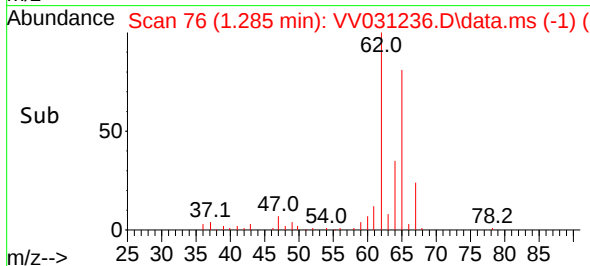
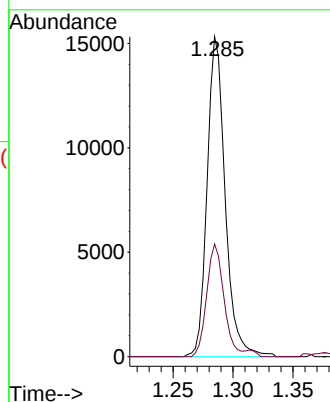
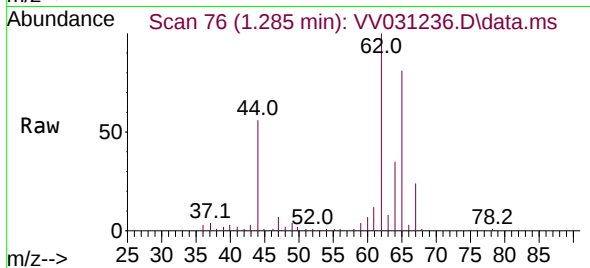
ClientSampleId :

Tgt Ion: 62 Resp: 16065

Ion Ratio Lower Upper

62 100

64 35.2 22.7 42.3



#6

Bromomethane

Concen: 1.107 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV031236.D

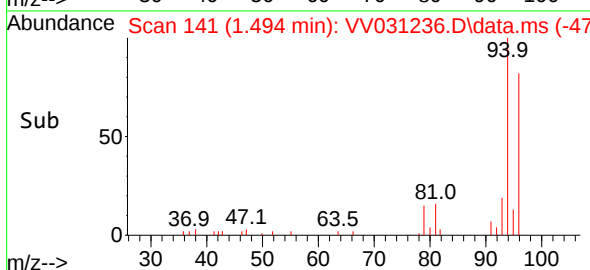
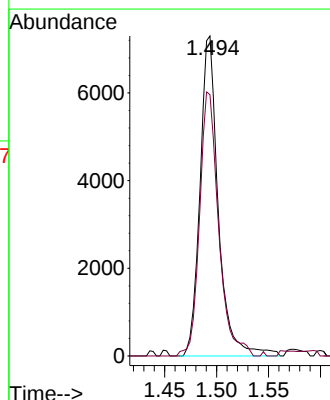
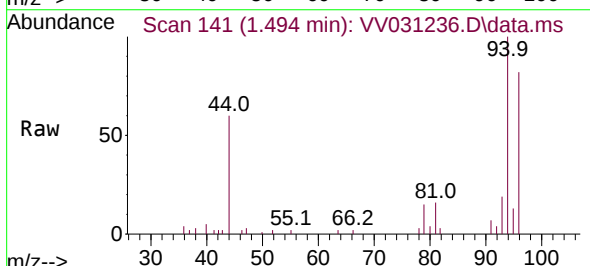
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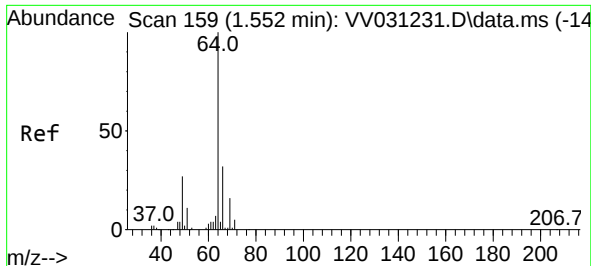
Tgt Ion: 94 Resp: 8960

Ion Ratio Lower Upper

94 100

96 81.6 65.8 122.2

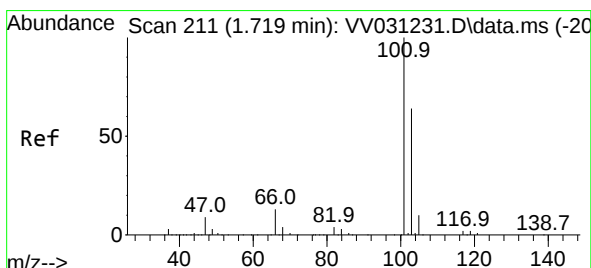
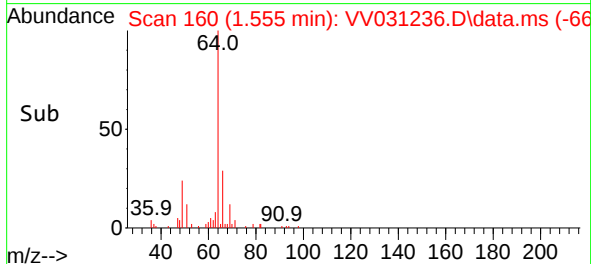
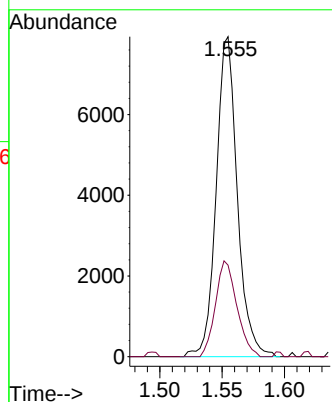
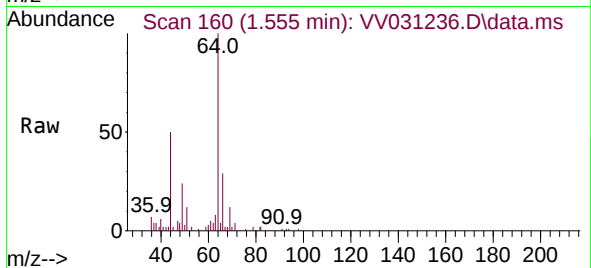




#8
Chloroethane
Concen: 1.084 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

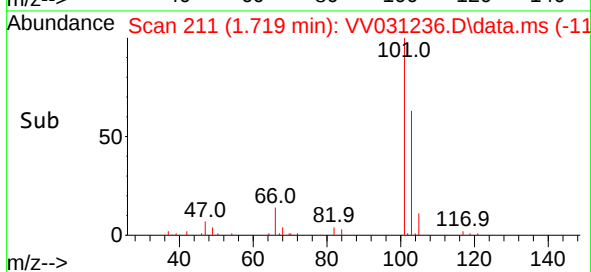
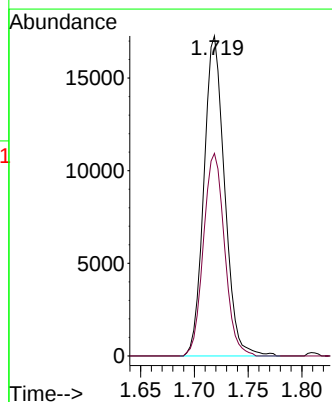
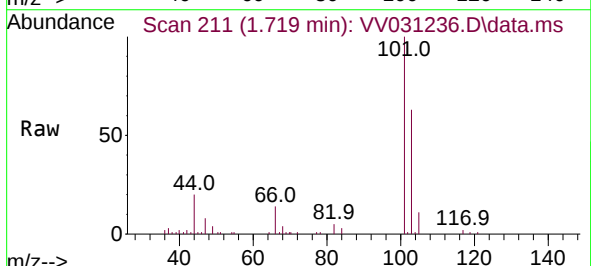
Instrument :
MSVOA_V
ClientSampleId :

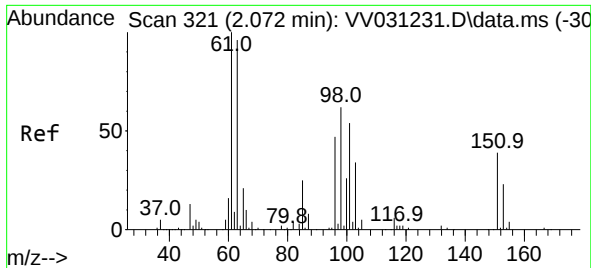
Tgt Ion: 64 Resp: 9363
Ion Ratio Lower Upper
64 100
66 28.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 1.027 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion:101 Resp: 23148
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

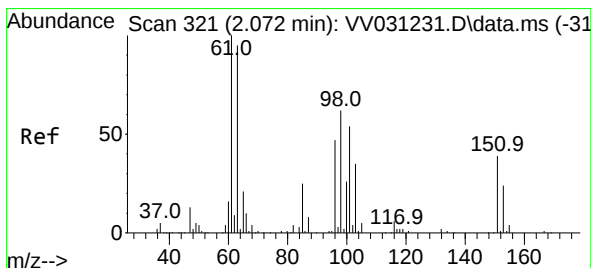
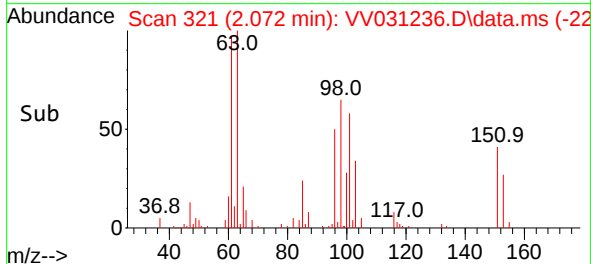
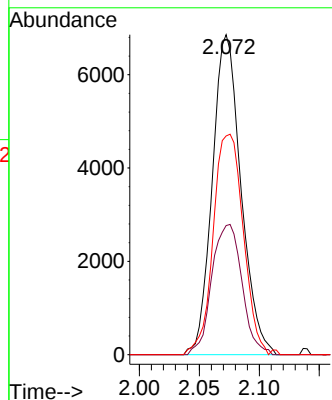
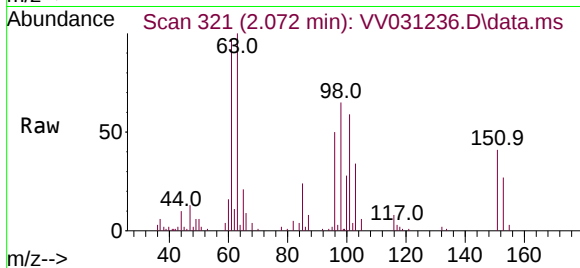




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.955 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18

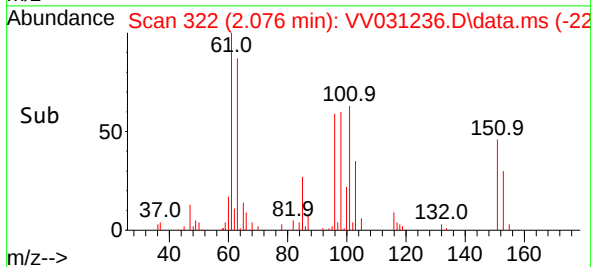
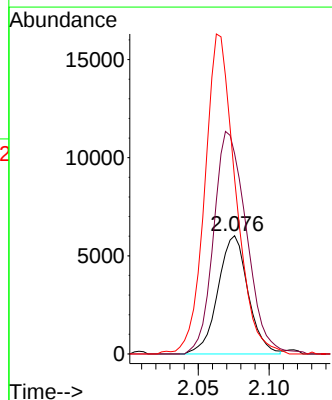
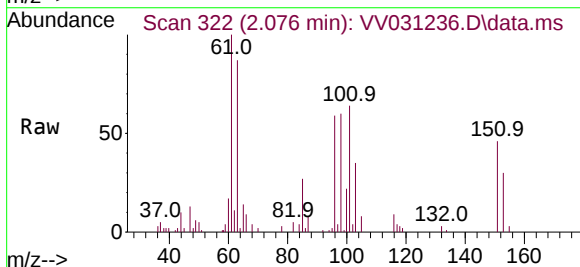
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 MSVOA_V
 ClientSampleId :

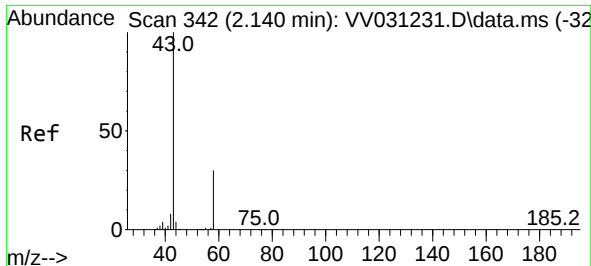
Tgt Ion:101 Resp: 11398
 Ion Ratio Lower Upper
 101 100
 85 42.7 37.6 56.4
 151 72.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 0.934 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18

Tgt Ion: 96 Resp: 8905
 Ion Ratio Lower Upper
 96 100
 61 169.3 150.0 278.6
 63 148.0 143.5 266.5





#13

Acetone

Concen: 8.207 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

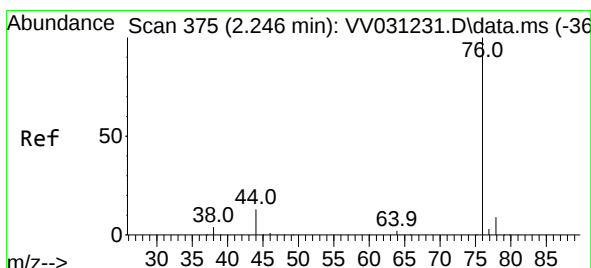
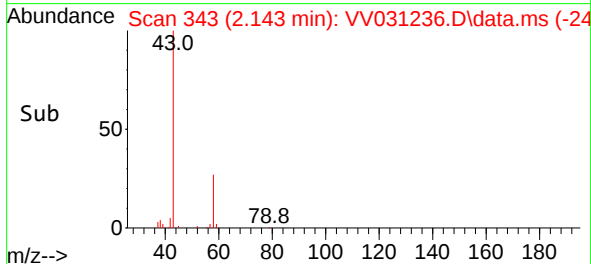
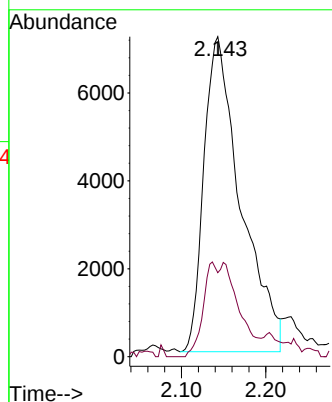
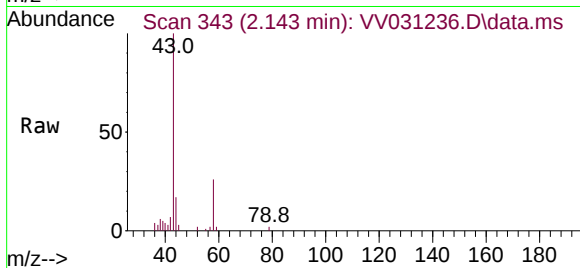
ClientSampleId :

Tgt Ion: 43 Resp: 21854

Ion Ratio Lower Upper

43 100

58 12.0 0.0 62.2



#14

Carbon disulfide

Concen: 0.991 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031236.D

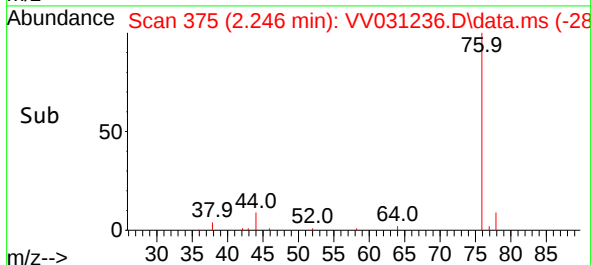
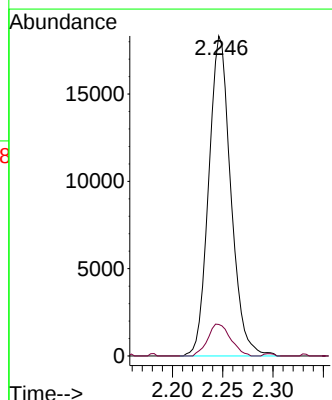
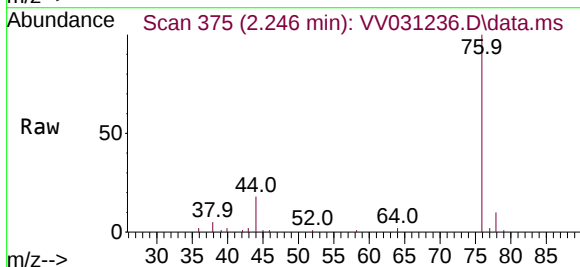
Acq: 25 May 2023 16:18

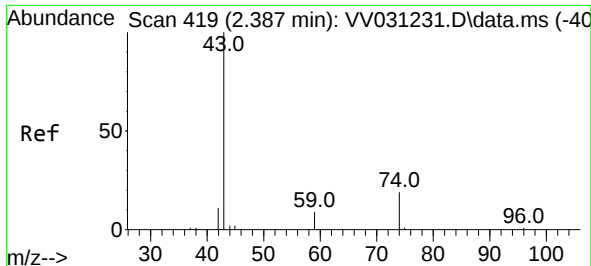
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Ion Ratio Lower Upper

76 100

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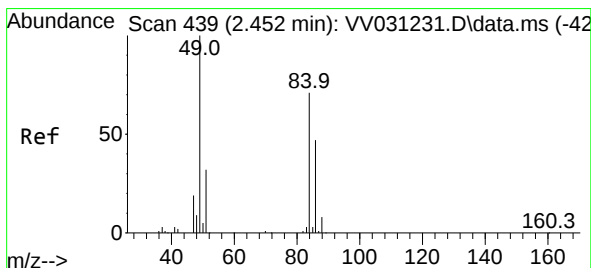
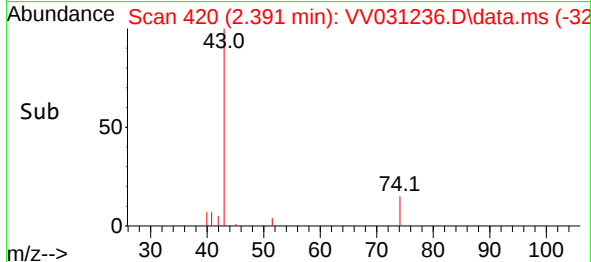
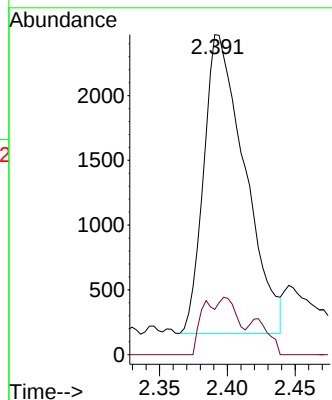
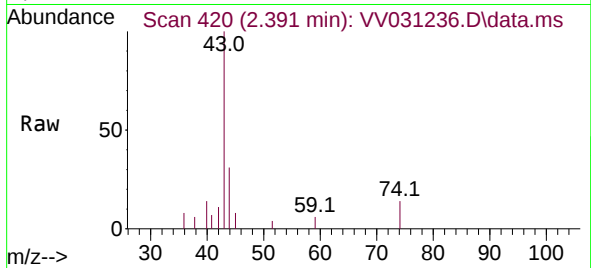




#15
Methyl Acetate
Concen: 0.922 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

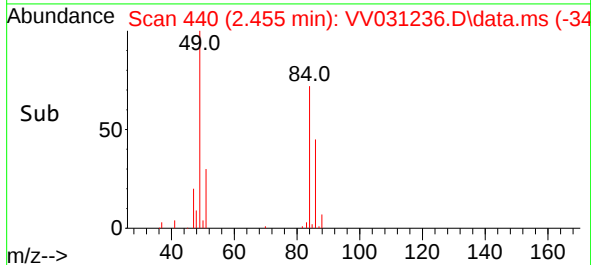
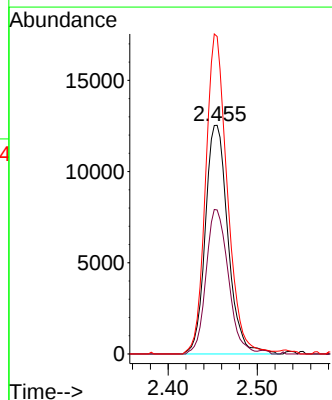
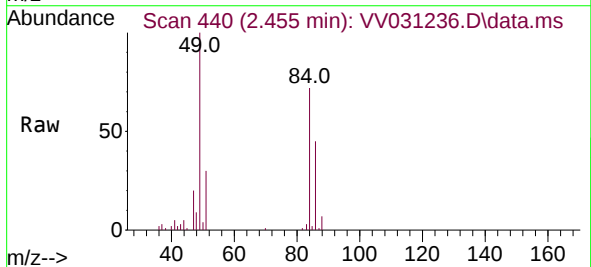
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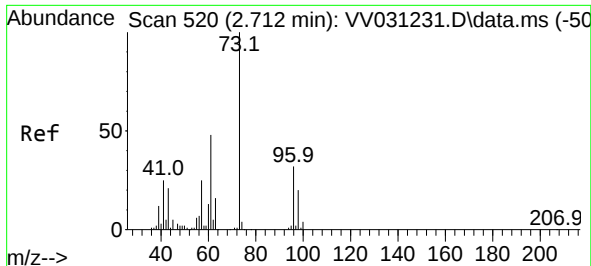
Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
74 9.5 15.5 23.3#



#16
Methylene chloride
Concen: 1.348 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion: 84 Resp: 22177
Ion Ratio Lower Upper
84 100
86 63.0 46.8 86.8
49 138.8 98.8 183.4





#17

Methyl tert-butyl Ether

Concen: 0.971 ug/L

RT: 2.712 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV031236.D

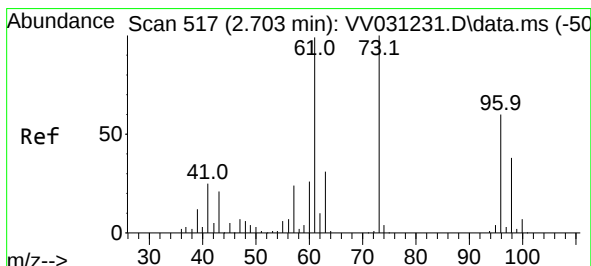
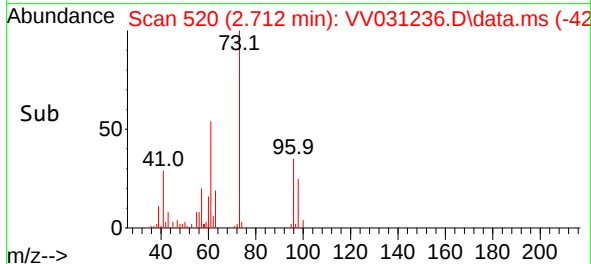
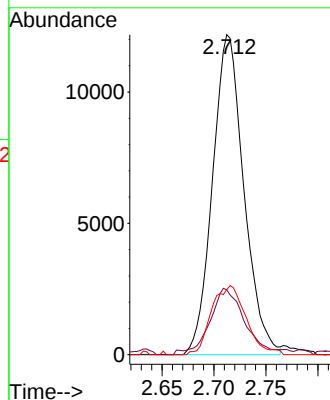
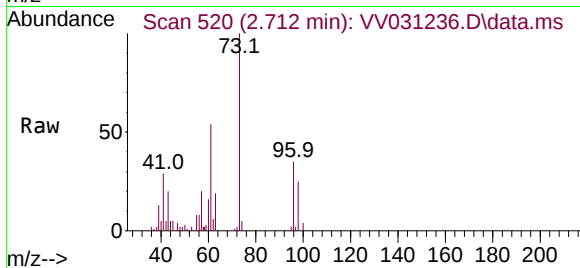
Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	73	Resp:	25530
Ion	Ratio	Lower	Upper
73	100		
43	23.0	17.0	25.6
57	23.8	19.5	29.3



#18

trans-1,2-Dichloroethene

Concen: 0.995 ug/L

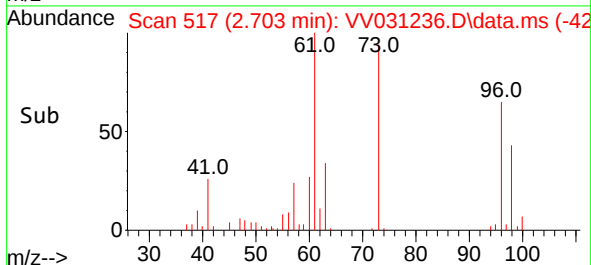
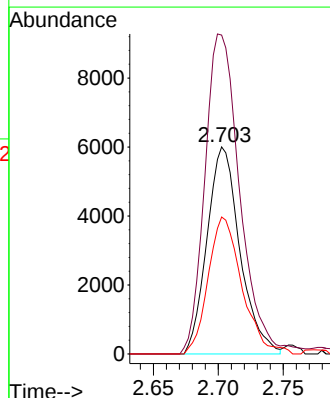
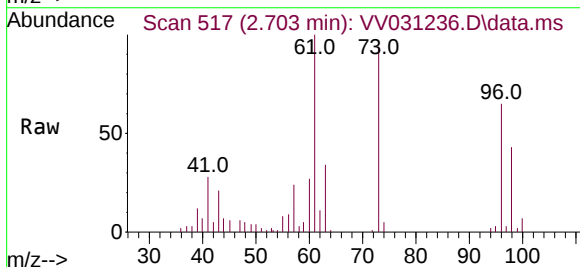
RT: 2.703 min Scan# 517

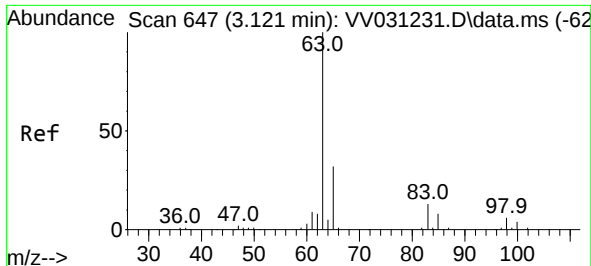
Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

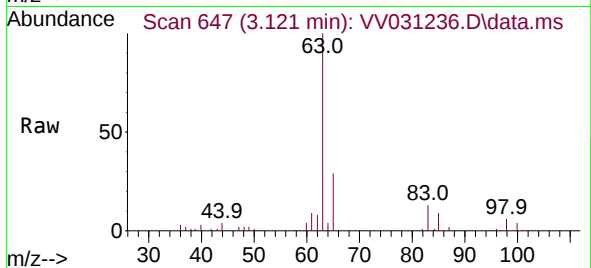
Tgt Ion:	96	Resp:	10572
Ion	Ratio	Lower	Upper
96	100		
61	154.1	115.0	213.6
98	66.2	44.4	82.5



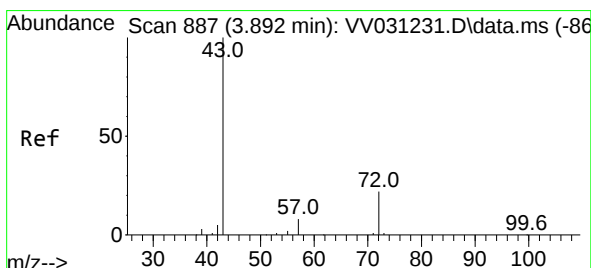
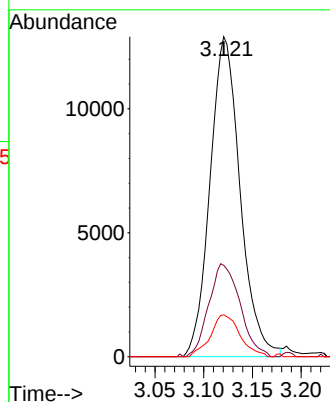
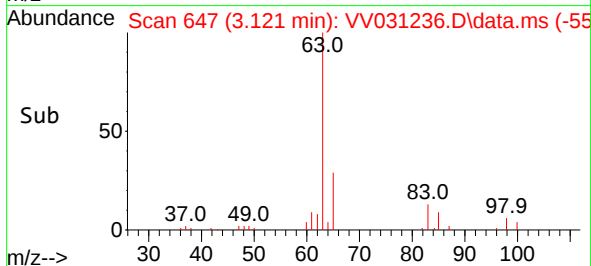


#19
1,1-Dichloroethane
Concen: 1.058 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Instrument :
MSVOA_V
ClientSampleId :

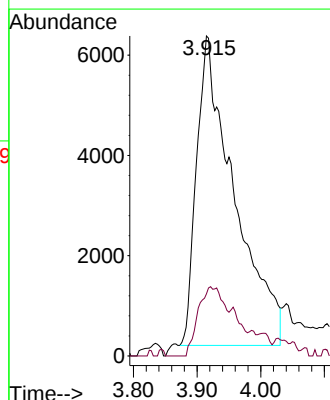
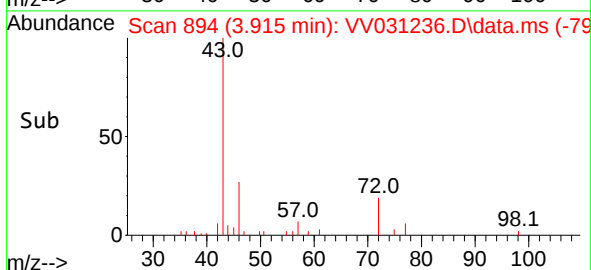
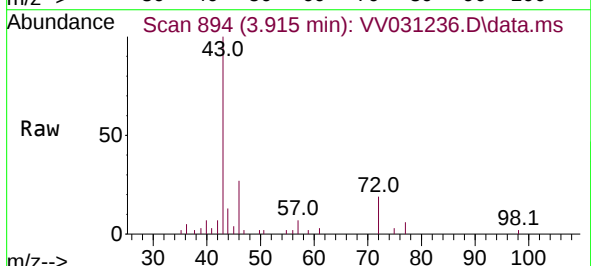


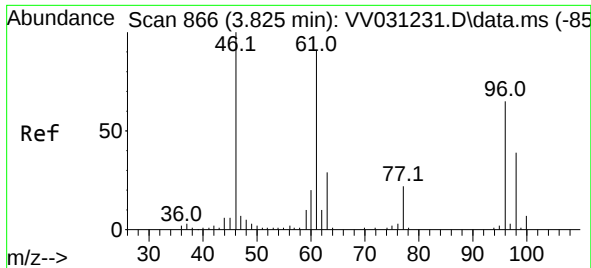
Tgt Ion:	63	Resp:	27734
Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.4	41.6
83	13.1	9.0	16.6



#21
2-Butanone
Concen: 7.583 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.022 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

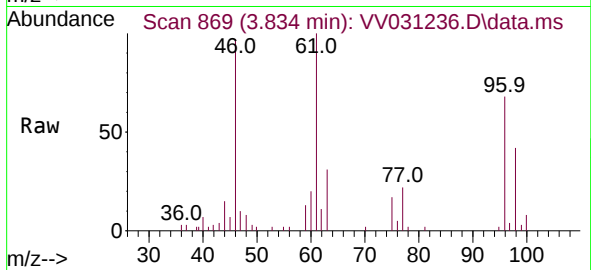
Tgt Ion:	43	Resp:	25308
Ion	Ratio	Lower	Upper
43	100		
72	15.7	10.3	30.9





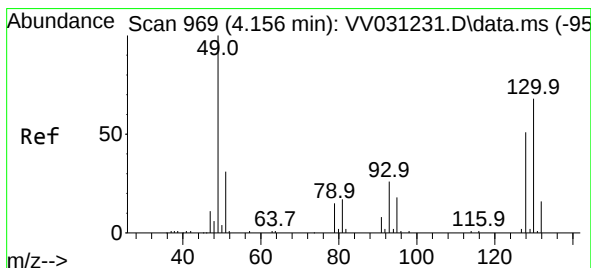
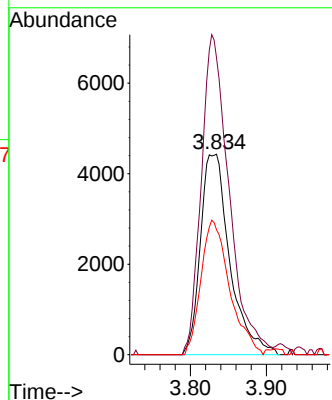
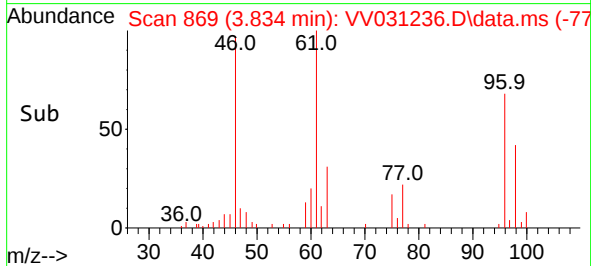
#22
 cis-1,2-Dichloroethene
 Concen: 0.973 ug/L
 RT: 3.834 min Scan# 869
 Delta R.T. 0.010 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18

Instrument :
 MSVOA_V
 ClientSampleId :

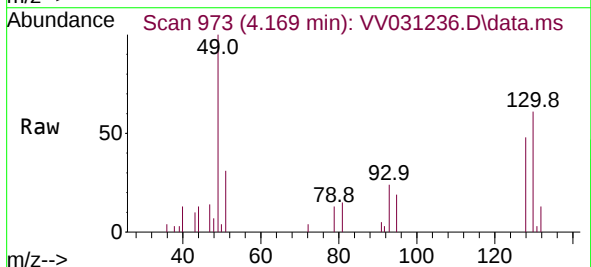


Tgt Ion: 96 Resp: 11885

Ion	Ratio	Lower	Upper
96	100		
61	148.1	98.2	182.4
98	62.3	42.8	79.6

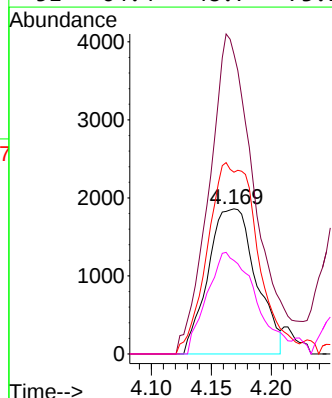
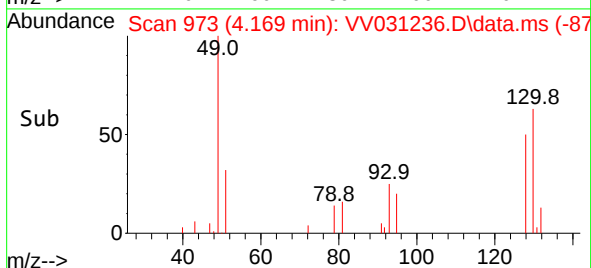


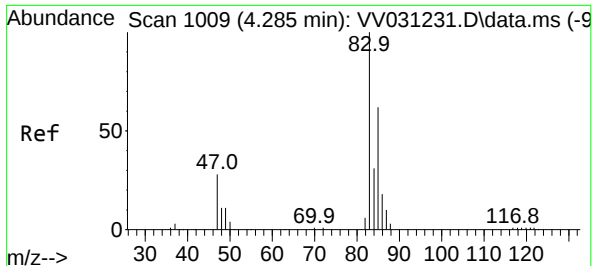
#23
 Bromochloromethane
 Concen: 0.949 ug/L
 RT: 4.169 min Scan# 973
 Delta R.T. 0.013 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18



Tgt Ion: 128 Resp: 5161

Ion	Ratio	Lower	Upper
128	100		
49	206.7	136.2	253.0
130	125.3	92.0	170.9
51	64.4	48.7	73.1





#25

Chloroform

Concen: 1.016 ug/L

RT: 4.291 min Scan# 1009

Delta R.T. 0.006 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

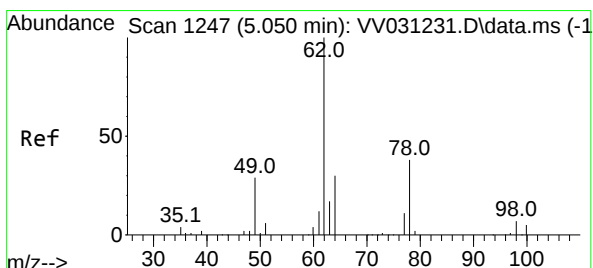
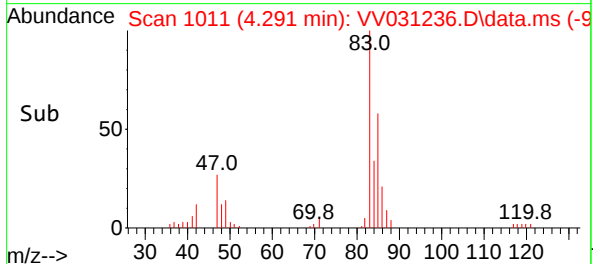
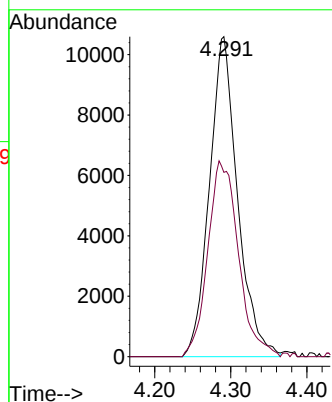
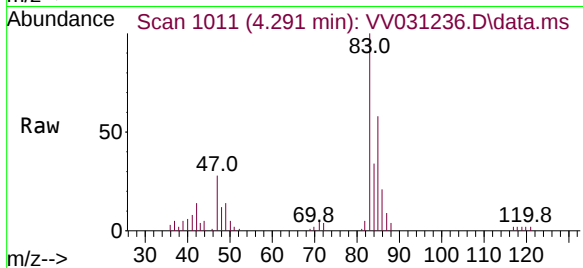
ClientSampleId :

Tgt Ion: 83 Resp: 27228

Ion Ratio Lower Upper

83 100

85 57.6 43.4 80.6



#27

1,2-Dichloroethane

Concen: 1.018 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VV031236.D

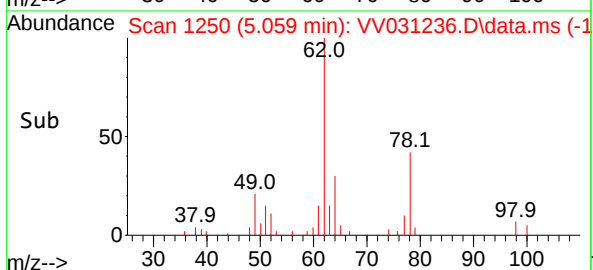
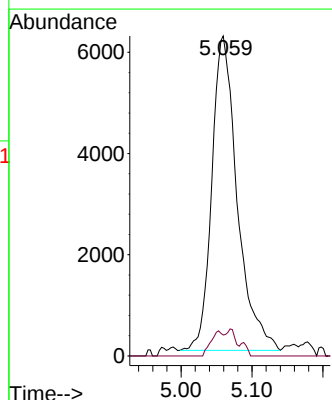
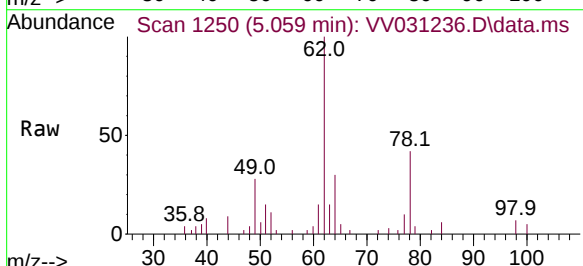
Acq: 25 May 2023 16:18

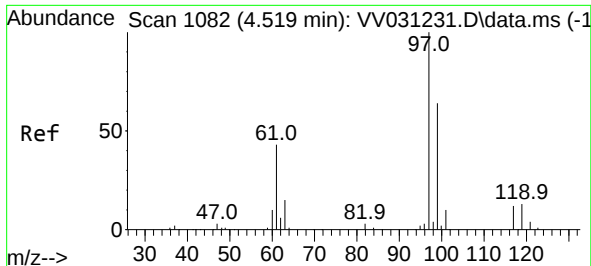
Tgt Ion: 62 Resp: 15488

Ion Ratio Lower Upper

62 100

98 6.6 5.4 8.2





#29

1,1,1-Trichloroethane

Concen: 1.126 ug/L

RT: 4.522 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

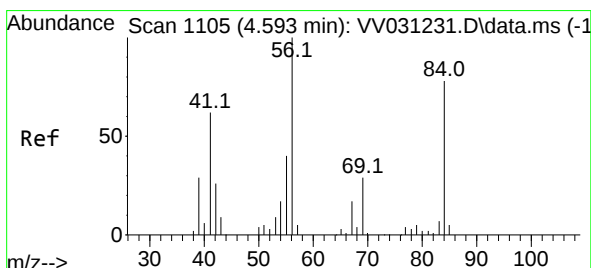
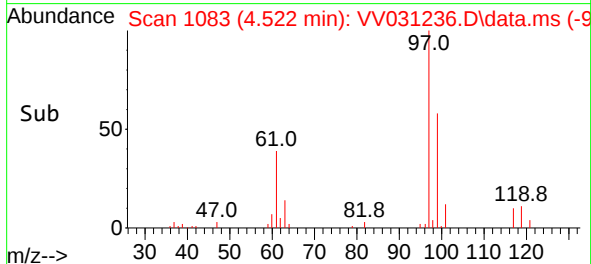
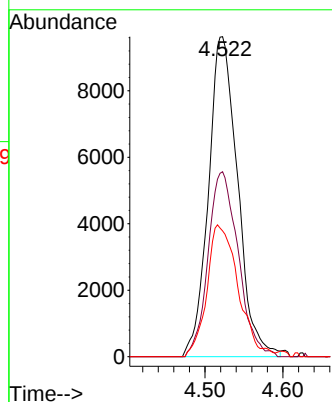
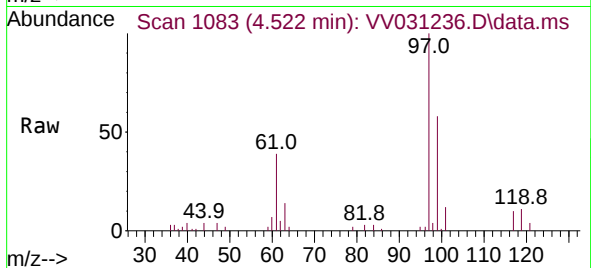
Tgt Ion: 97 Resp: 25080

Ion Ratio Lower Upper

97 100

99 59.6 50.6 75.8

61 44.0 35.5 53.3



#30

Cyclohexane

Concen: 0.962 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

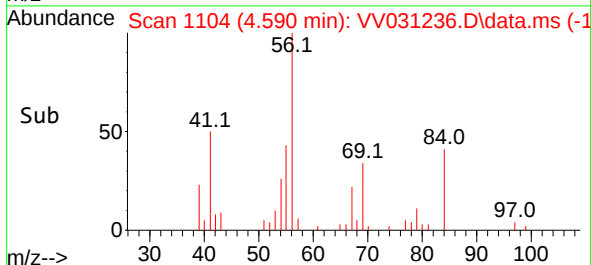
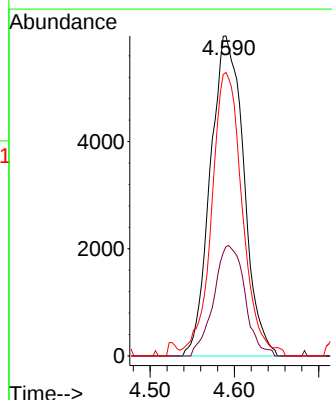
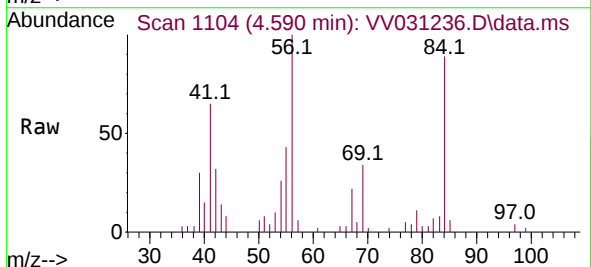
Tgt Ion: 56 Resp: 16414

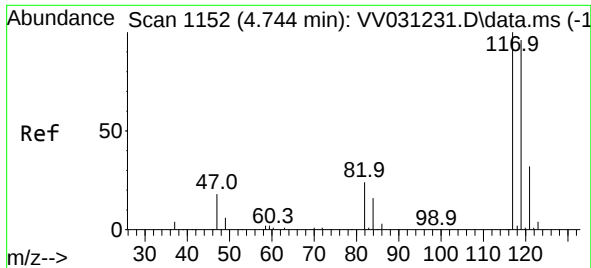
Ion Ratio Lower Upper

56 100

69 32.2 24.0 36.0

84 81.4 62.5 93.7

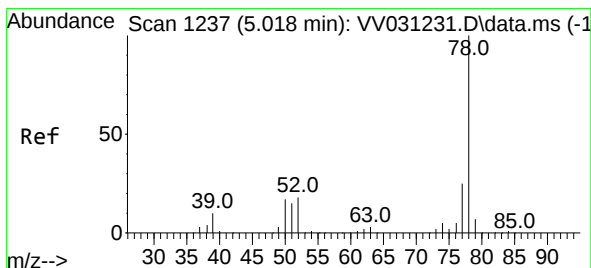
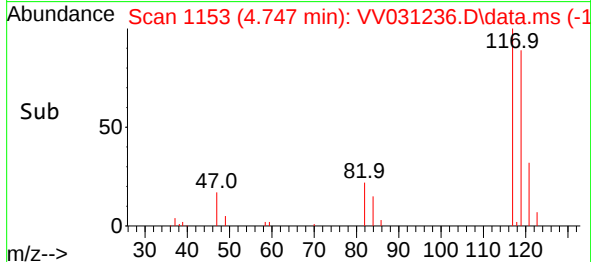
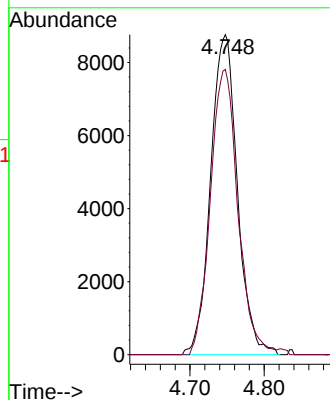
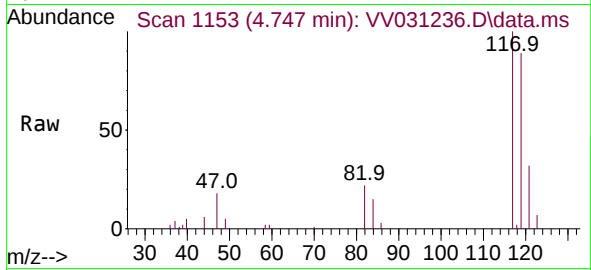




#31
Carbon tetrachloride
Concen: 1.143 ug/L
RT: 4.747 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

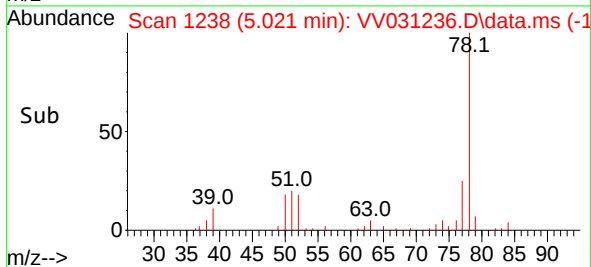
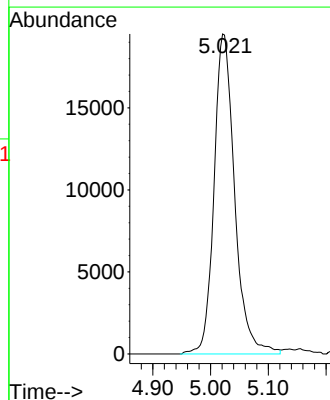
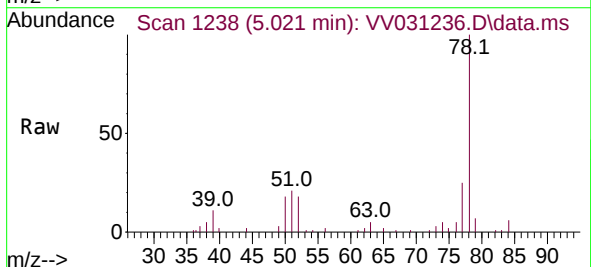
Instrument :
MSVOA_V
ClientSampleId :

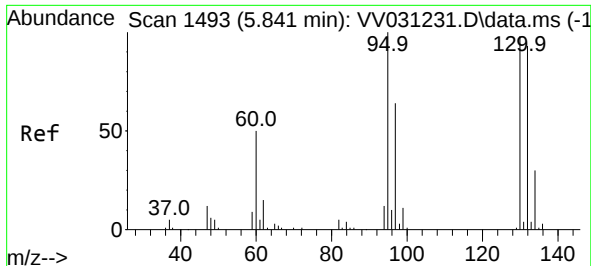
Tgt Ion:117 Resp: 21958
Ion Ratio Lower Upper
117 100
119 91.5 77.5 116.3



#33
Benzene
Concen: 1.087 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion: 78 Resp: 48438



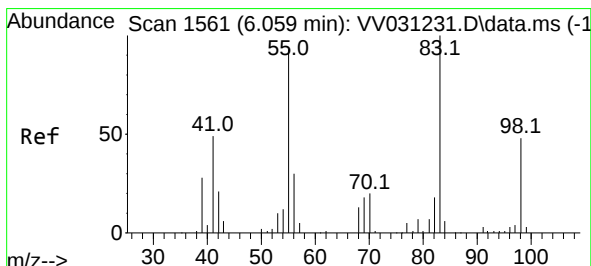
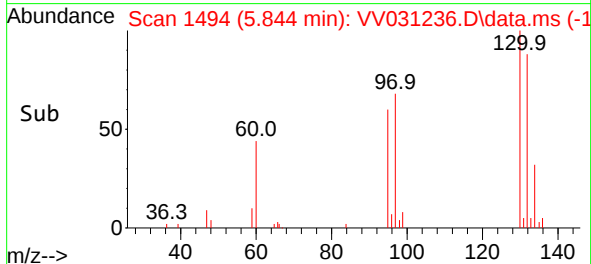
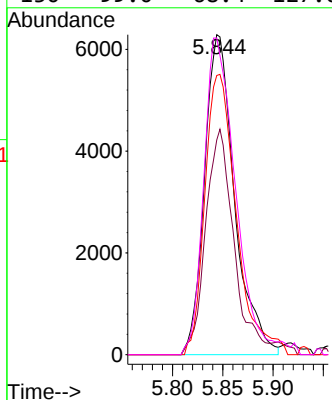
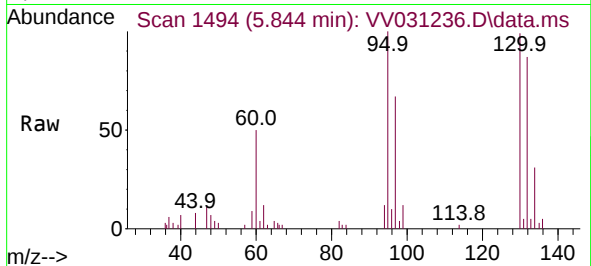


#34
Trichloroethene
Concen: 1.094 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 13090

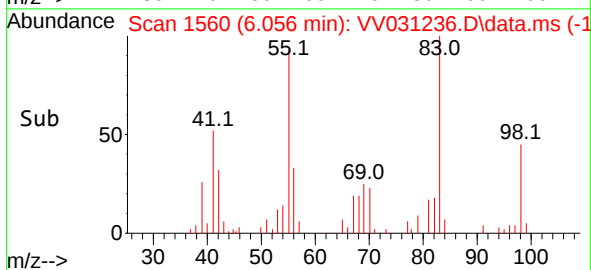
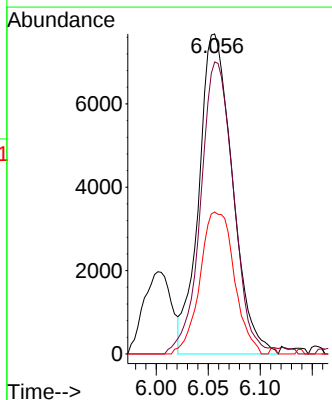
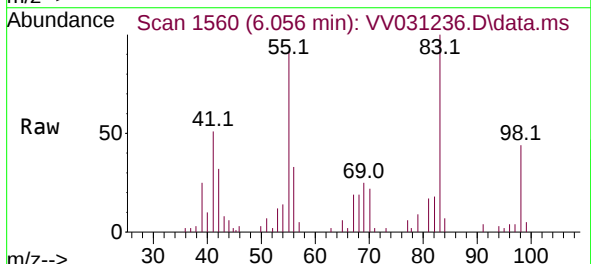
Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.8	83.2
132	87.2	64.8	120.4
130	99.0	68.4	127.0

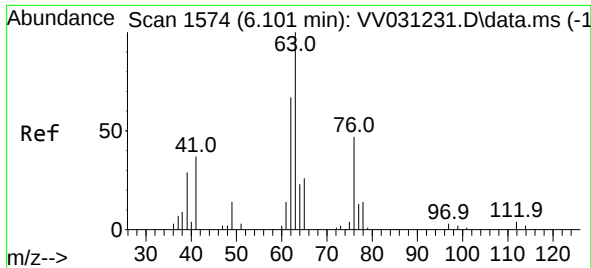


#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion: 83 Resp: 17199

Ion	Ratio	Lower	Upper
83	100		
55	89.7	74.4	111.6
98	45.4	38.2	57.2





#37

1,2-Dichloropropane

Concen: 1.054 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

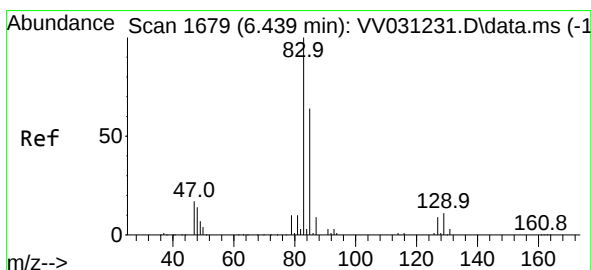
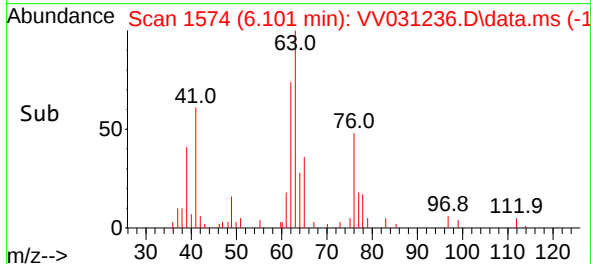
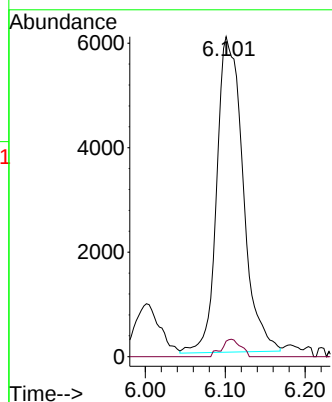
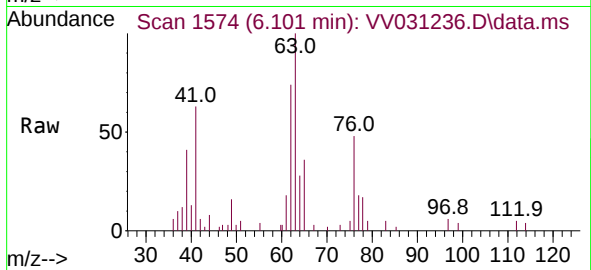
ClientSampleId :

Tgt Ion: 63 Resp: 13760

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 1.069 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

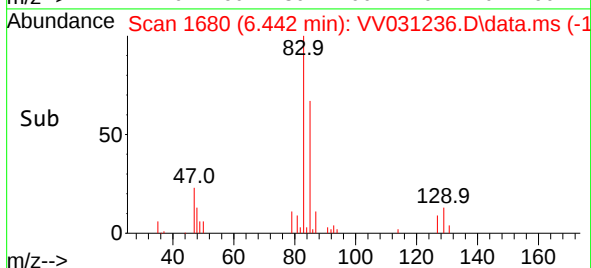
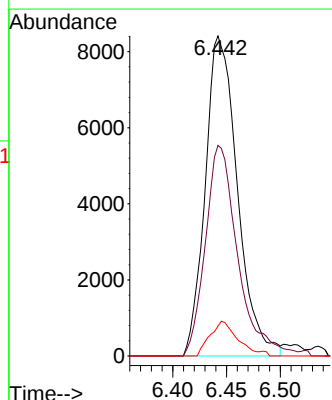
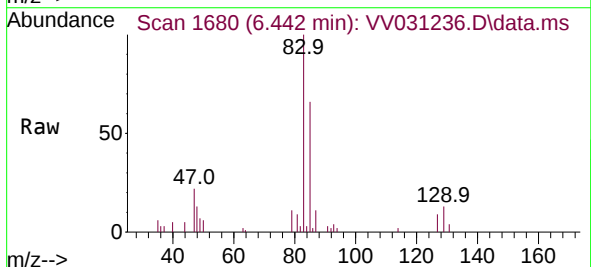
Tgt Ion: 83 Resp: 17495

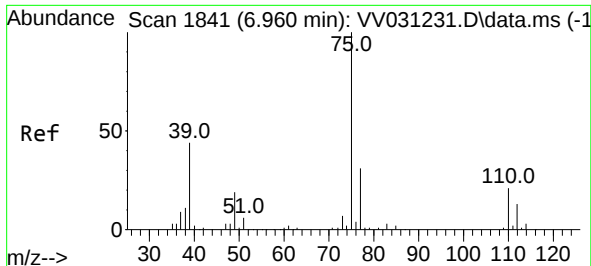
Ion Ratio Lower Upper

83 100

85 65.8 44.7 82.9

127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

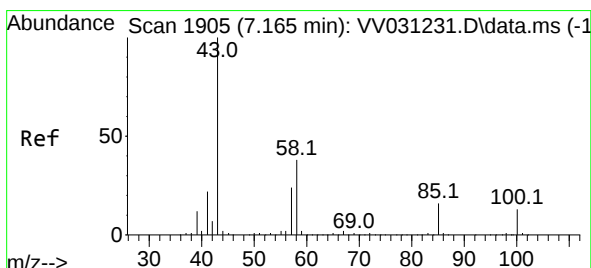
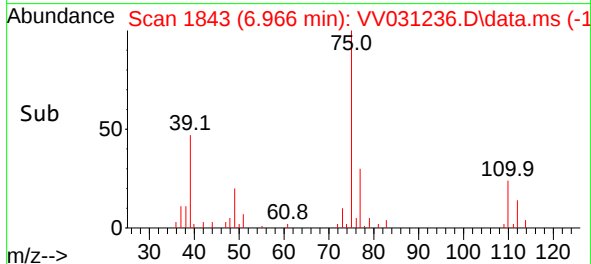
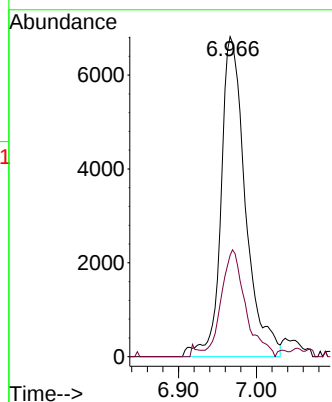
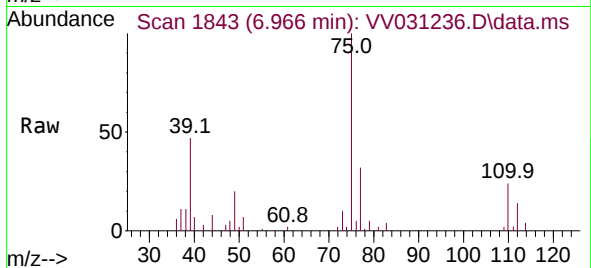
ClientSampleId :

Tgt Ion: 75 Resp: 14831

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 8.804 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

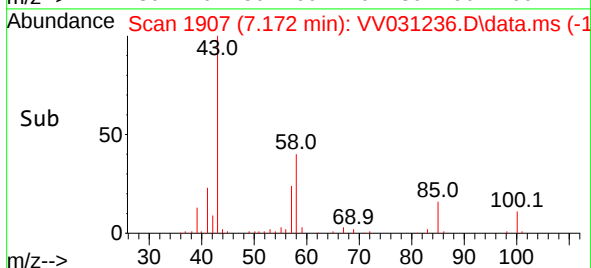
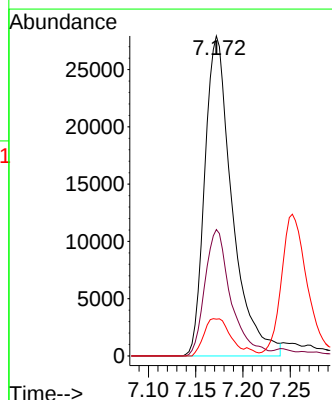
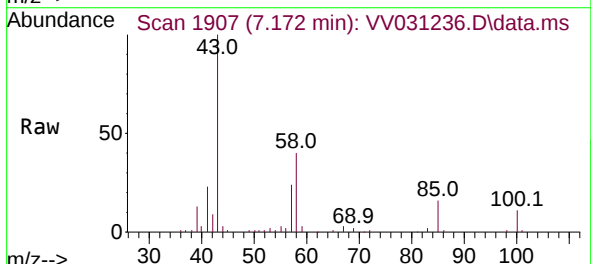
Tgt Ion: 43 Resp: 56290

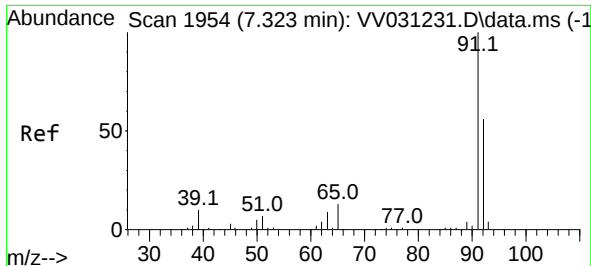
Ion Ratio Lower Upper

43 100

58 37.6 29.1 43.7

100 11.1 9.9 14.9





#42

Toluene

Concen: 0.901 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

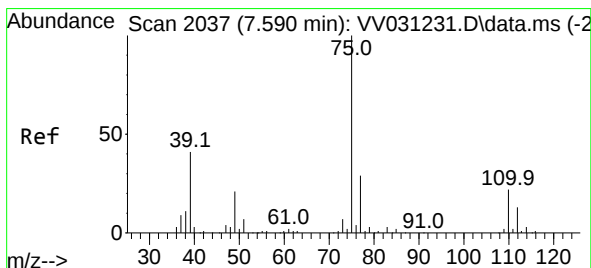
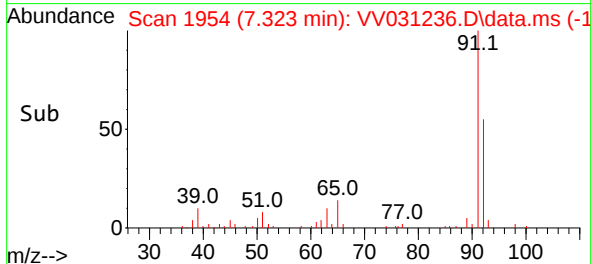
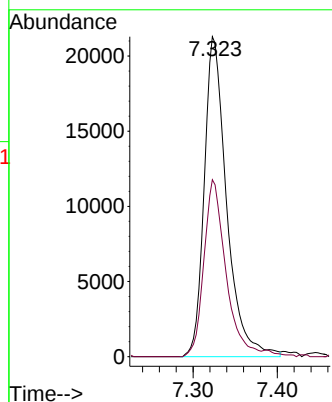
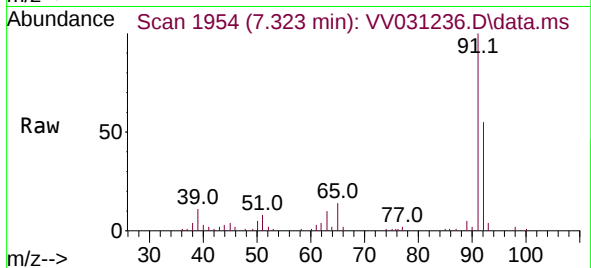
ClientSampleId :

Tgt Ion: 91 Resp: 39452

Ion Ratio Lower Upper

91 100

92 55.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VV031236.D

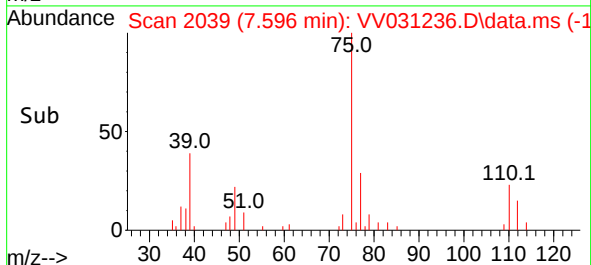
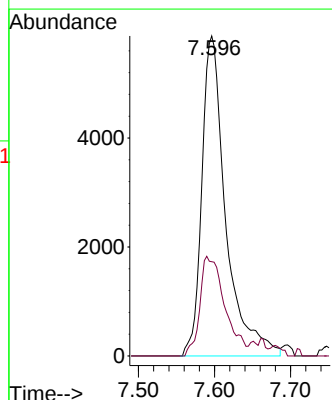
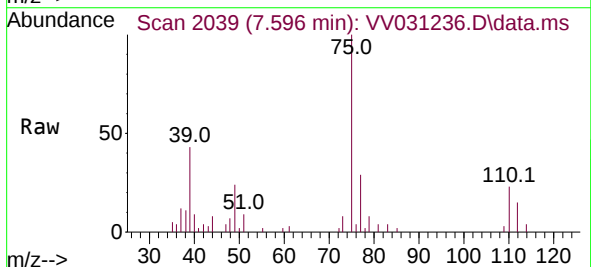
Acq: 25 May 2023 16:18

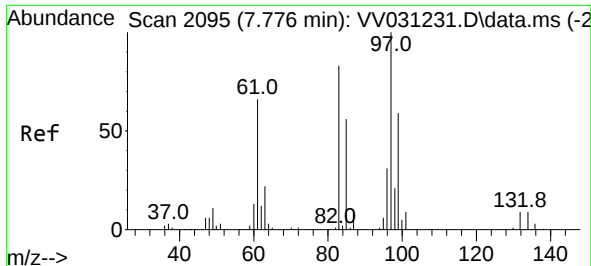
Tgt Ion: 75 Resp: 12825

Ion Ratio Lower Upper

75 100

77 29.5 20.4 38.0

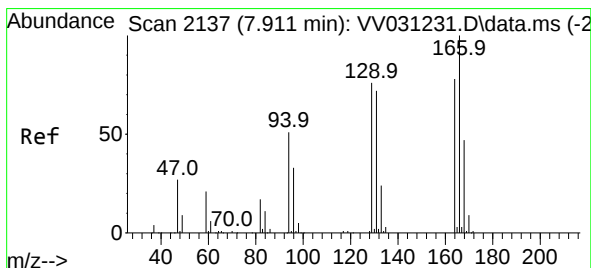
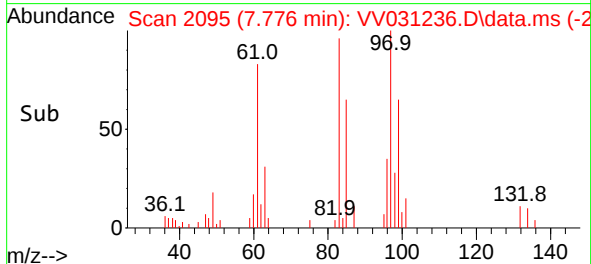
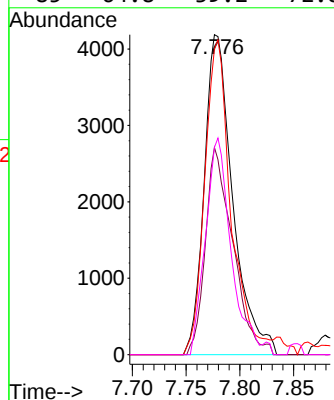
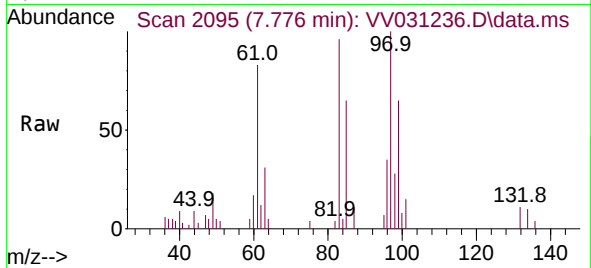




#45
1,1,2-Trichloroethane
Concen: 0.980 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

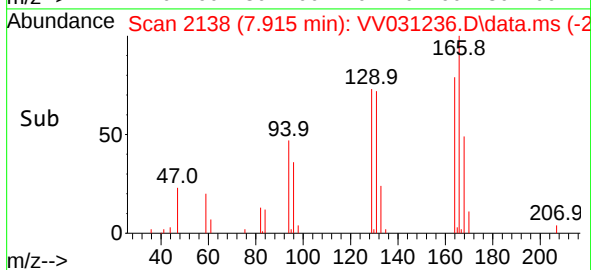
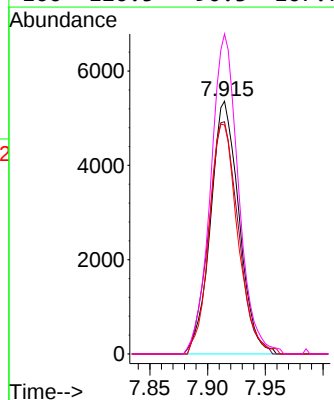
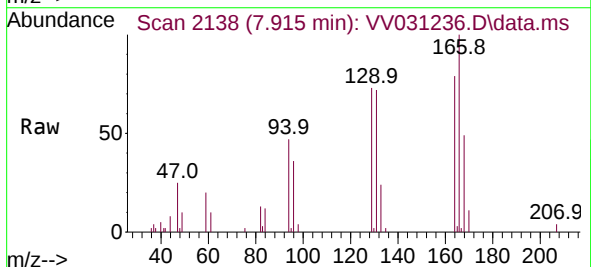
Instrument :
MSVOA_V
ClientSampleId :

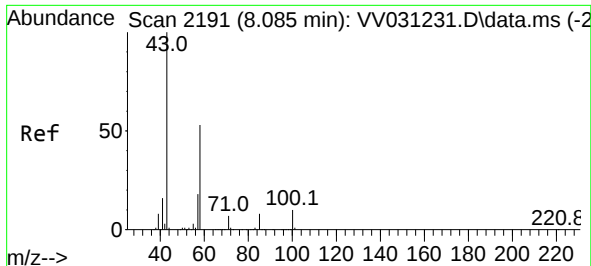
Tgt Ion: 97	Resp: 7732
Ion Ratio	Lower Upper
97 100	
99 64.7	41.2 76.4
83 95.6	58.2 108.0
85 64.8	39.2 72.8



#47
Tetrachloroethene
Concen: 1.054 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion:164	Resp: 9148
Ion Ratio	Lower Upper
164 100	
129 91.8	68.7 127.5
131 90.6	64.7 120.1
166 126.5	90.3 167.7

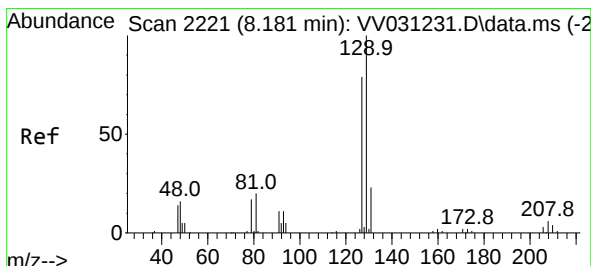
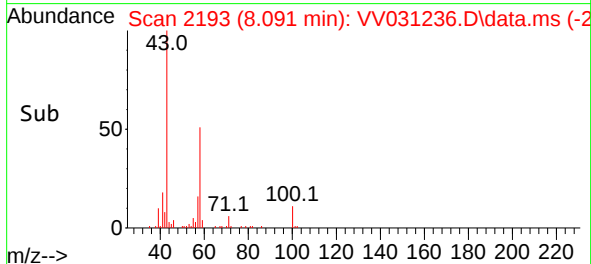
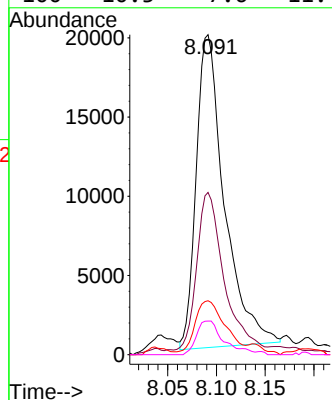
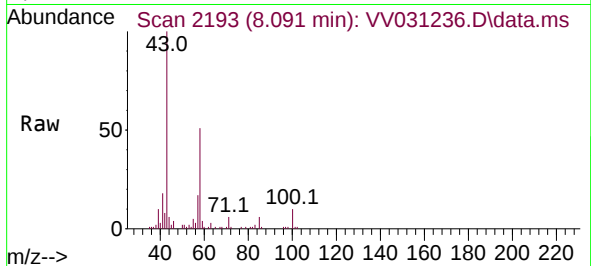




#48
2-Hexanone
Concen: 8.435 ug/L
RT: 8.091 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

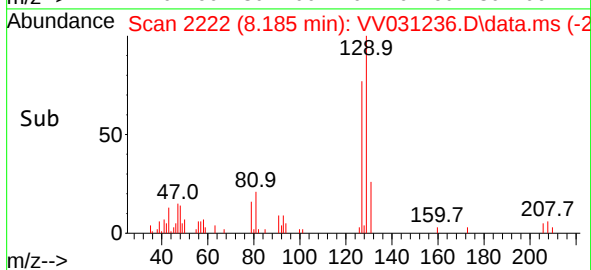
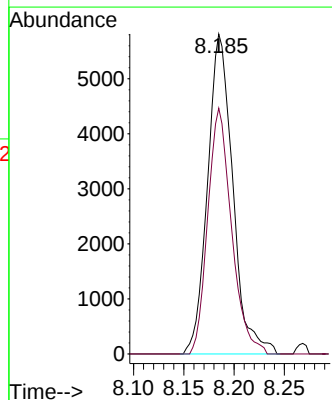
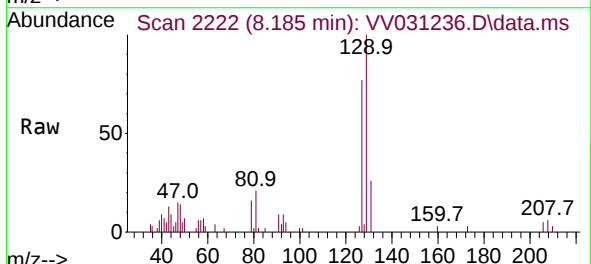
Instrument :
MSVOA_V
ClientSampleId :

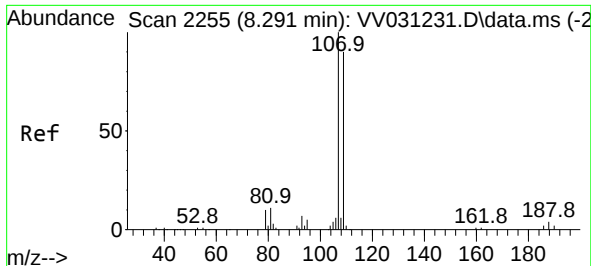
Tgt Ion: 43	Resp: 39759
Ion Ratio	Lower Upper
43 100	
58 49.9	41.4 62.0
57 18.8	14.1 21.1
100 10.3	7.6 11.4



#49
Dibromochloromethane
Concen: 1.069 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion:129	Resp:	10136	
Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.0	102.2





#50

1,2-Dibromoethane

Concen: 1.000 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

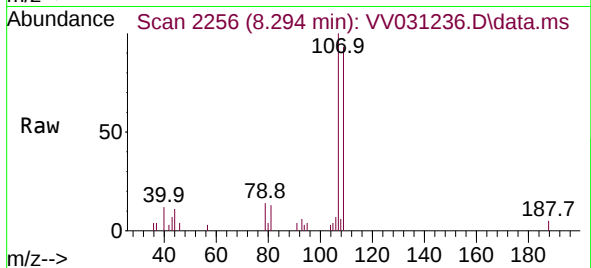
Lab File: VV031236.D

Acq: 25 May 2023 16:18

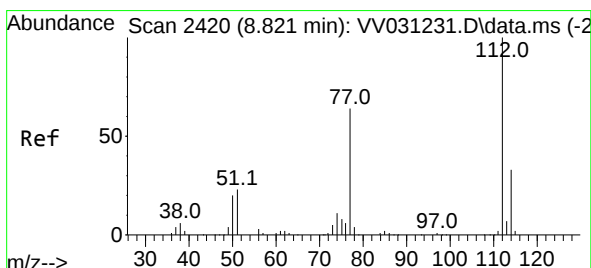
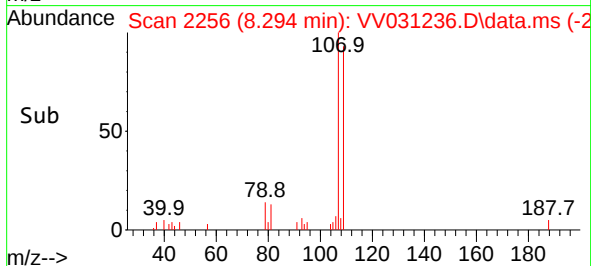
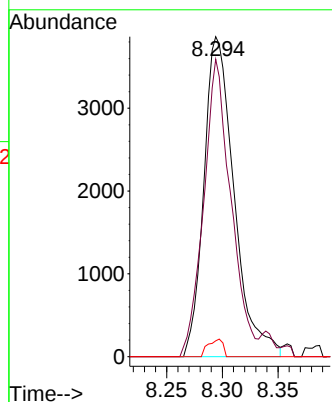
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	7287
Ion	Ratio	Lower	Upper
107	100		
109	92.9	62.8	116.6
188	5.0	3.2	4.8#



#51

Chlorobenzene

Concen: 1.054 ug/L

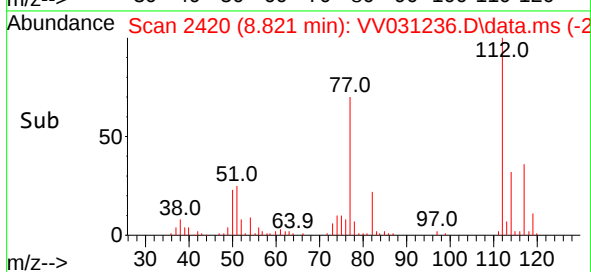
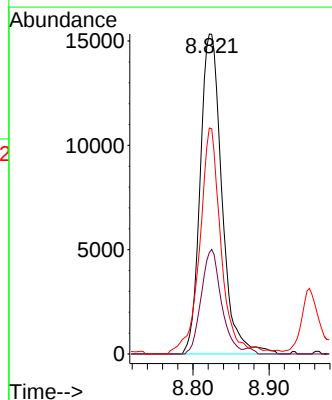
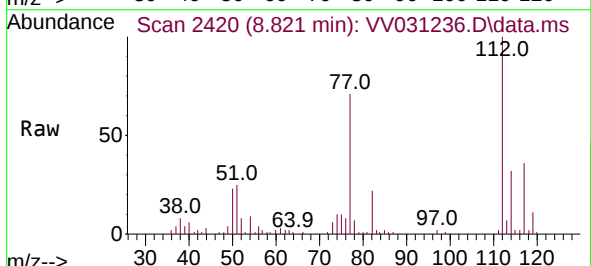
RT: 8.821 min Scan# 2420

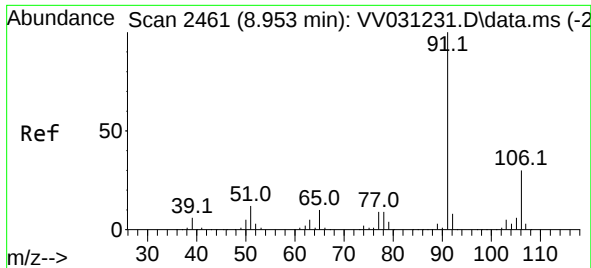
Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Tgt Ion:	112	Resp:	30350
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.8	42.4
77	70.6	51.7	77.5





#52

Ethylbenzene

Concen: 0.968 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

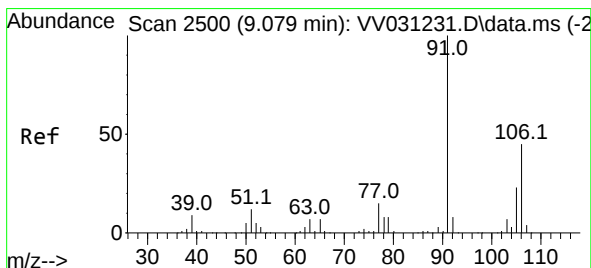
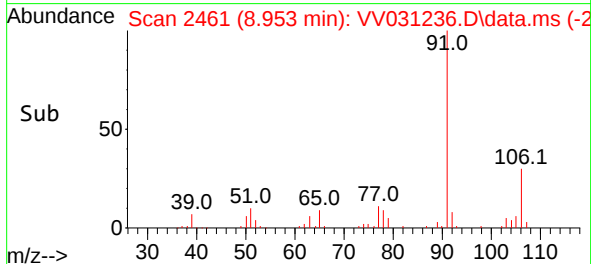
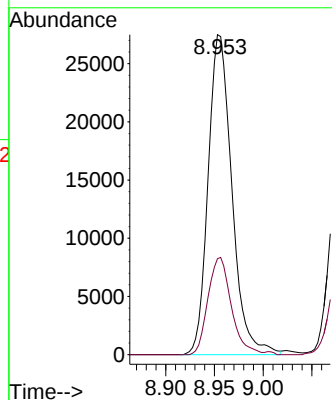
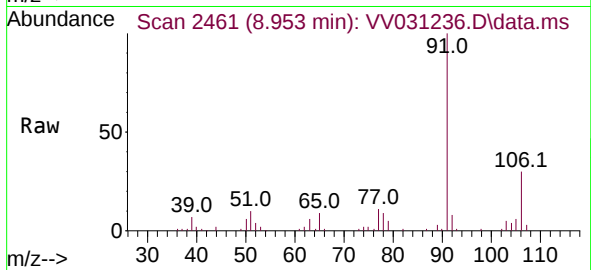
ClientSampleId :

Tgt Ion: 91 Resp: 46706

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



#53

m,p-Xylene

Concen: 0.944 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV031236.D

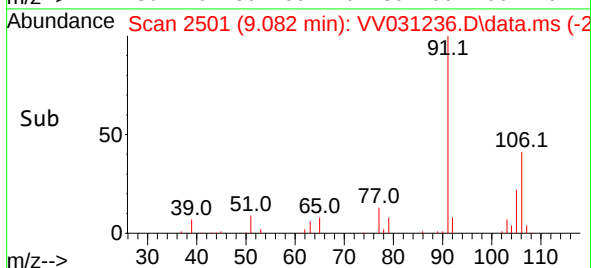
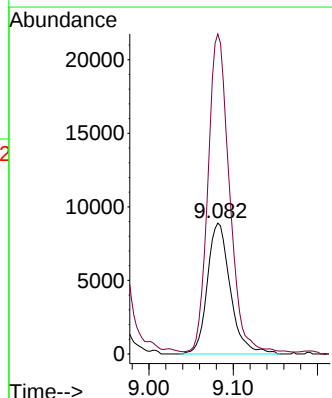
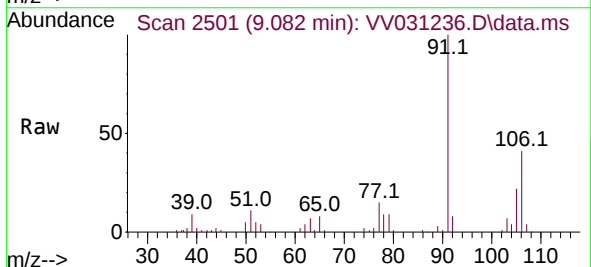
Acq: 25 May 2023 16:18

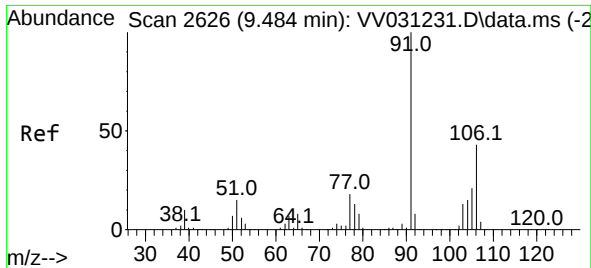
Tgt Ion:106 Resp: 16832

Ion Ratio Lower Upper

106 100

91 244.4 154.7 287.3

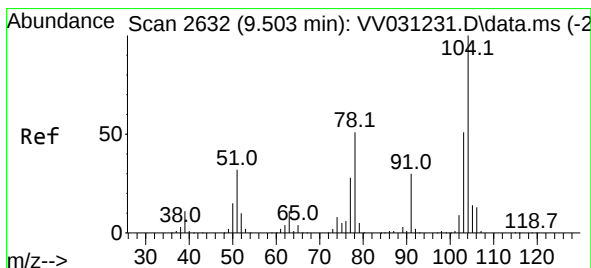
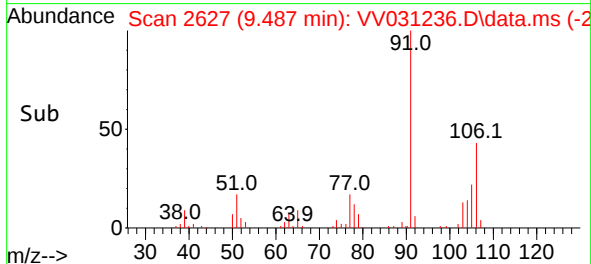
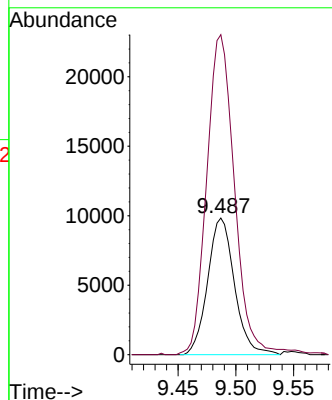
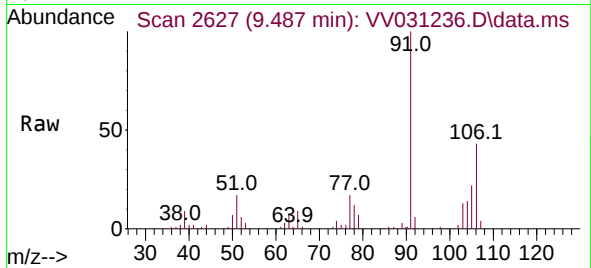




#54
o-Xylene
Concen: 0.935 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

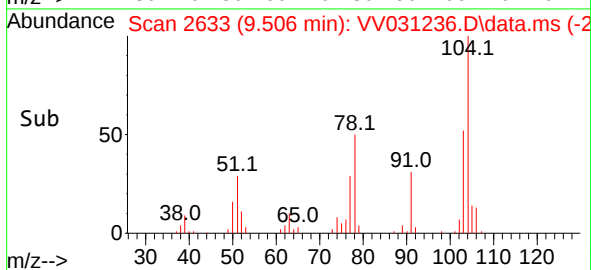
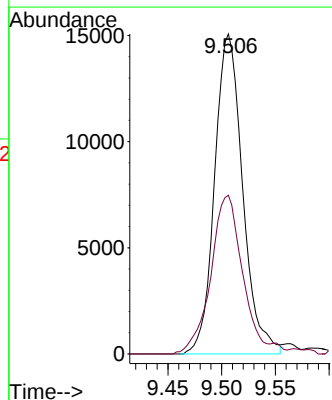
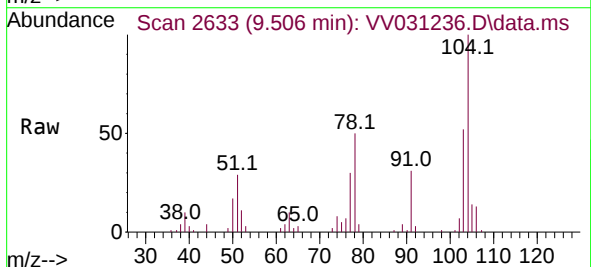
Instrument :
MSVOA_V
ClientSampleId :

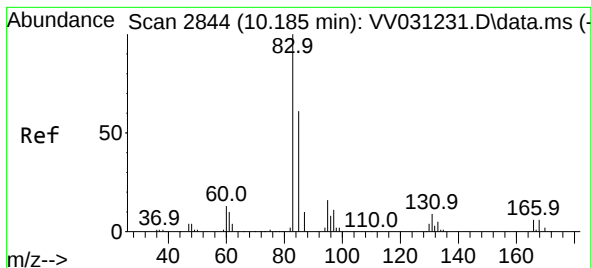
Tgt Ion:106 Resp: 15873
Ion Ratio Lower Upper
106 100
91 234.1 161.3 299.7



#55
Styrene
Concen: 0.914 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion:104 Resp: 27353
Ion Ratio Lower Upper
104 100
78 49.6 35.6 66.0





#57

1,1,2,2-Tetrachloroethane

Concen: 1.050 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

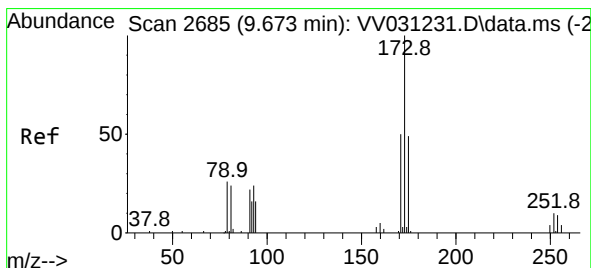
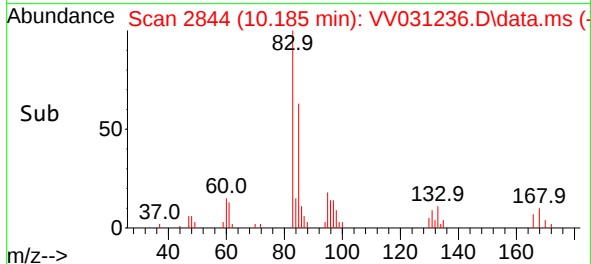
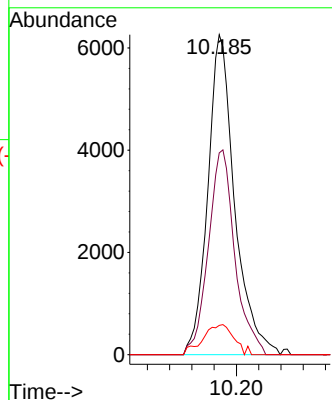
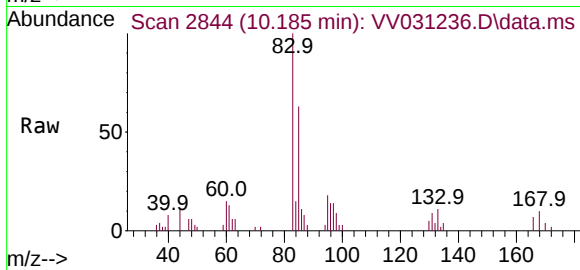
Tgt Ion: 83 Resp: 10467

Ion Ratio Lower Upper

83 100

85 63.0 43.0 80.0

131 9.2 7.6 11.4



#59

Bromoform

Concen: 1.073 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

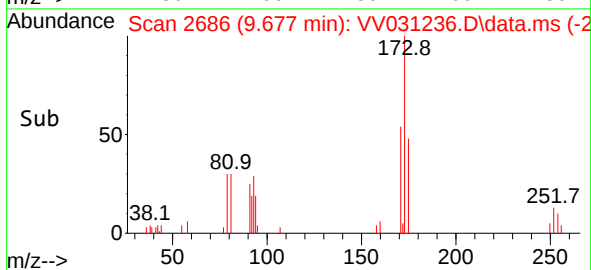
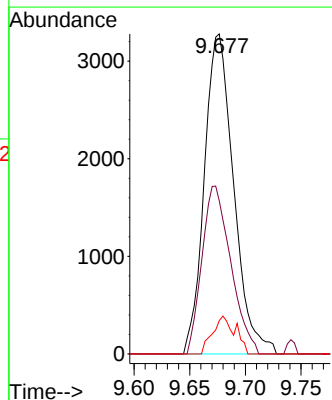
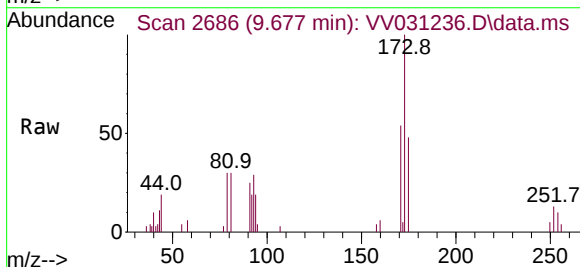
Tgt Ion: 173 Resp: 6008

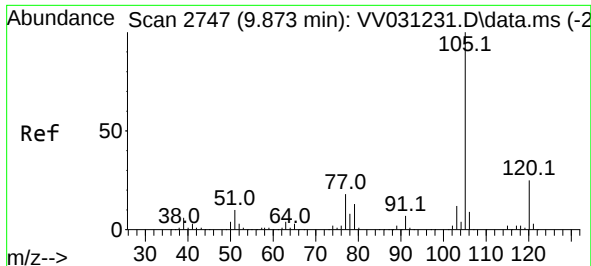
Ion Ratio Lower Upper

173 100

175 51.4 39.0 58.4

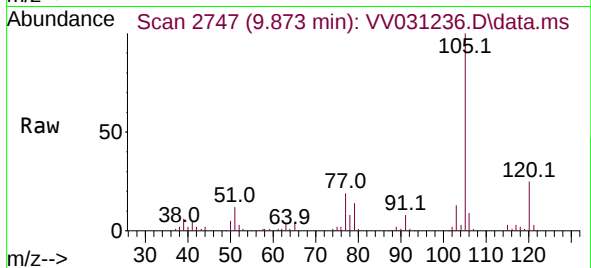
254 9.1 7.9 11.9



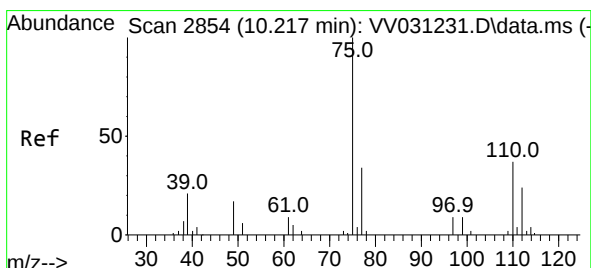
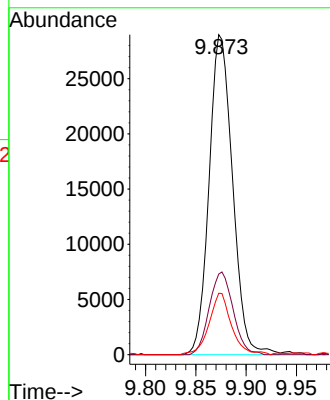
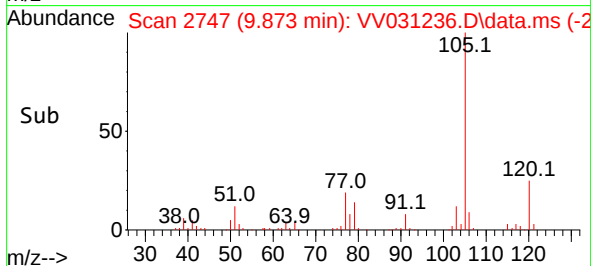


#60
Isopropylbenzene
Concen: 0.933 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

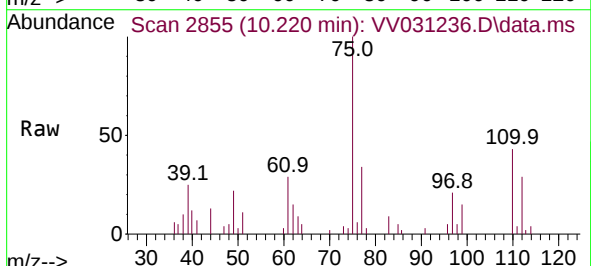
Instrument :
MSVOA_V
ClientSampleId :



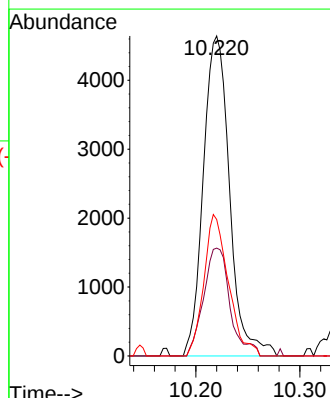
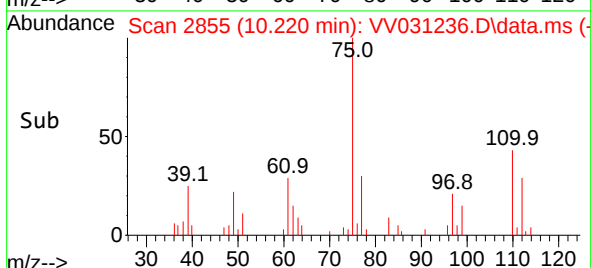
Tgt Ion:105 Resp: 47045
Ion Ratio Lower Upper
105 100
120 26.2 19.9 29.9
77 17.9 13.9 20.9

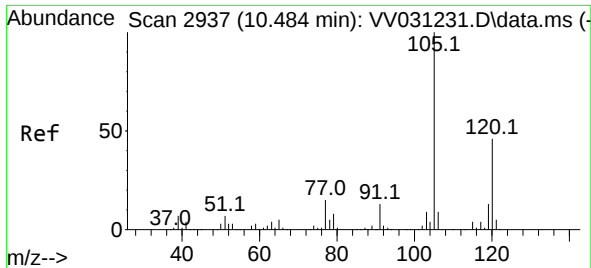


#61
1,2,3-Trichloropropane
Concen: 1.077 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18



Tgt Ion: 75 Resp: 8145
Ion Ratio Lower Upper
75 100
77 33.9 26.6 40.0
110 41.3 29.8 44.8

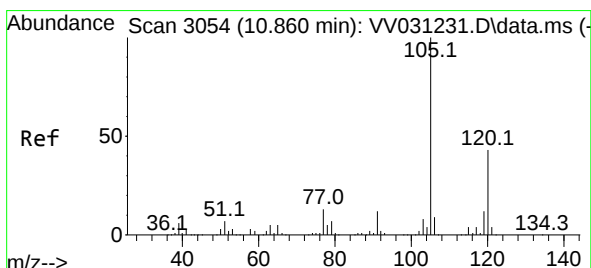
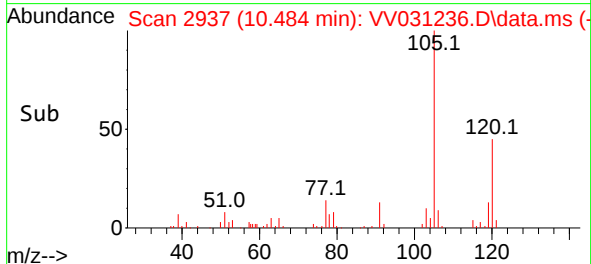
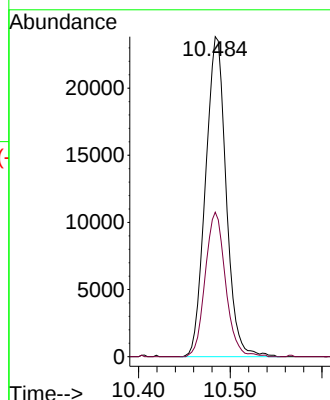
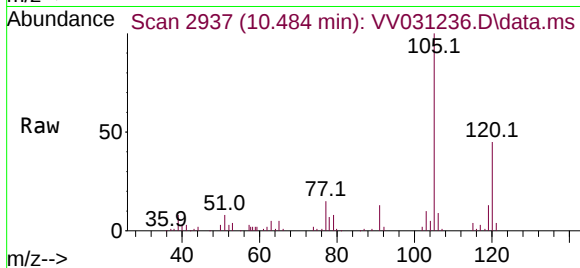




#62
 1,3,5-Trimethylbenzene
 Concen: 0.911 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18

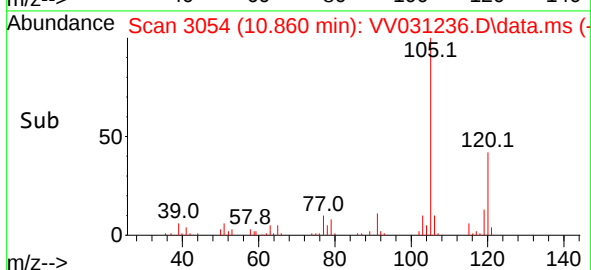
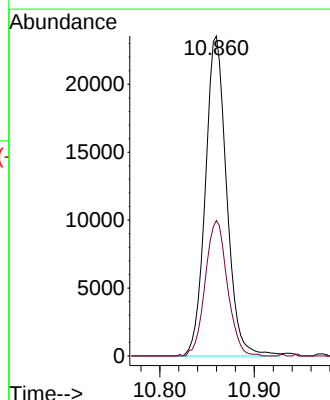
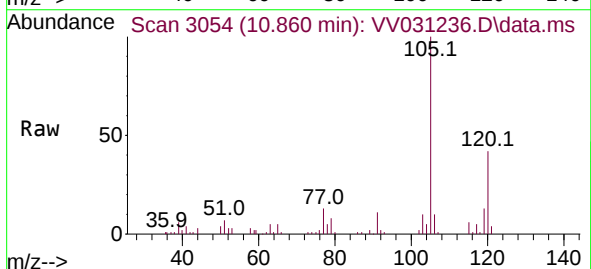
Instrument :
 MSVOA_V
 ClientSampleId :

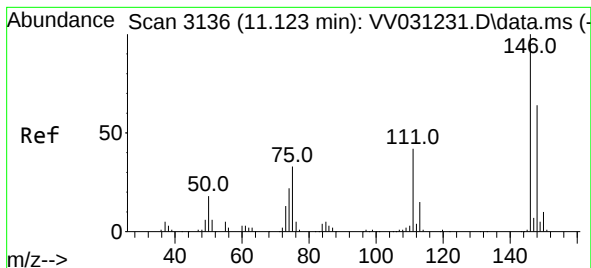
Tgt Ion:105 Resp: 37238
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.6 55.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.880 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VV031236.D
 Acq: 25 May 2023 16:18

Tgt Ion:105 Resp: 36841
 Ion Ratio Lower Upper
 105 100
 120 44.0 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 1.069 ug/L

RT: 11.127 min Scan# 3136

Delta R.T. 0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

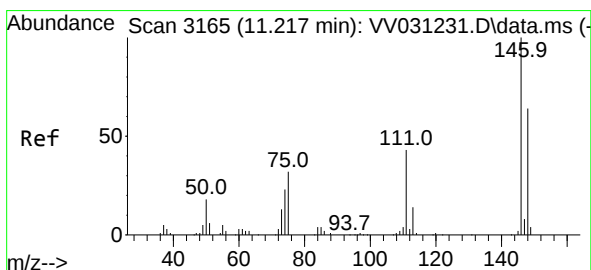
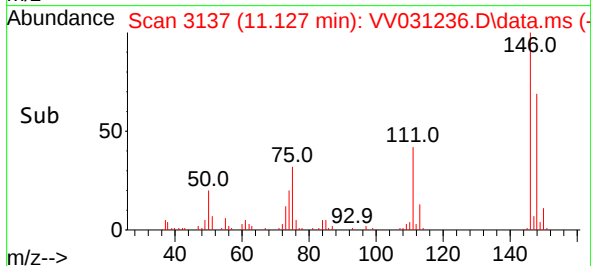
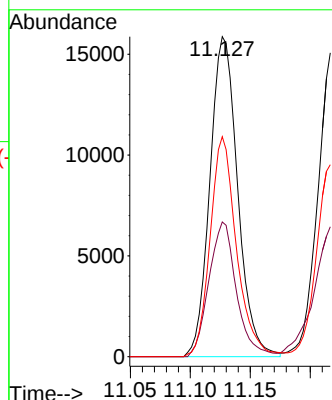
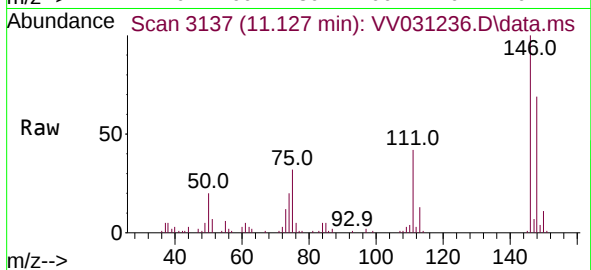
Tgt Ion:146 Resp: 25527

Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.9

148 68.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 0.974 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

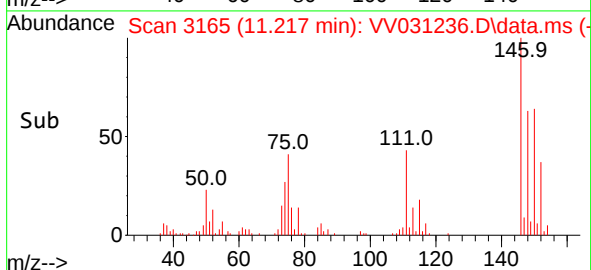
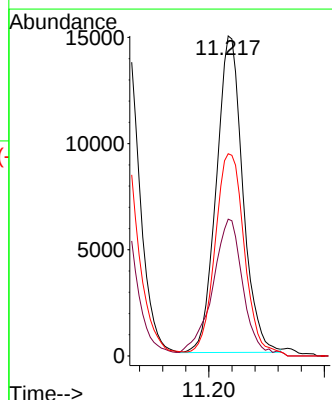
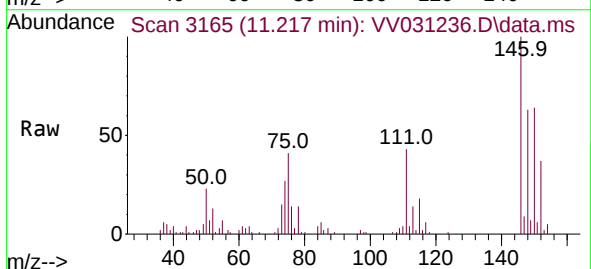
Tgt Ion:146 Resp: 23792

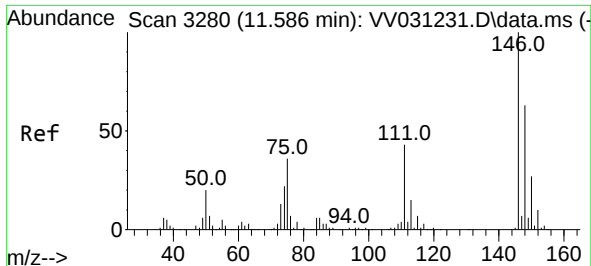
Ion Ratio Lower Upper

146 100

111 42.8 30.4 56.5

148 63.2 44.9 83.3

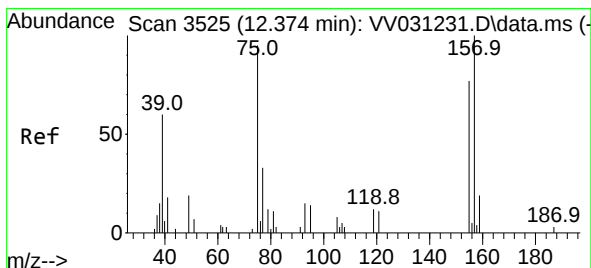
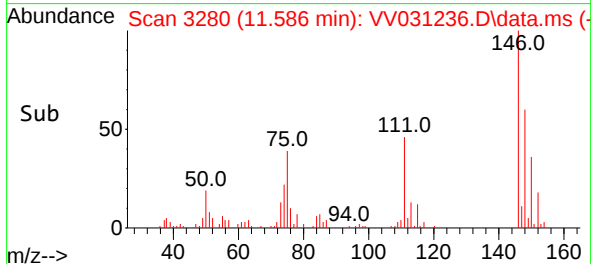
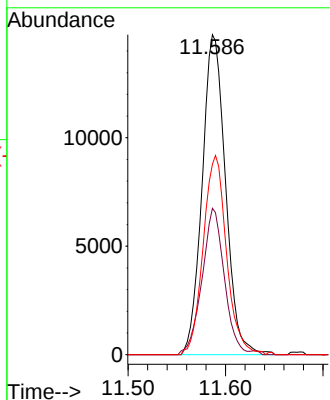
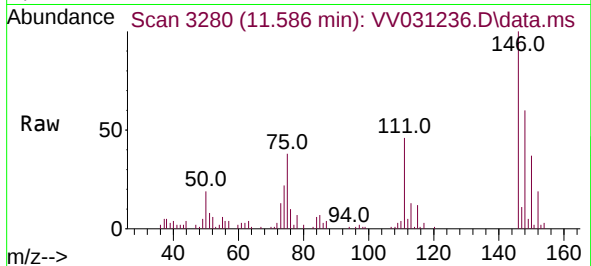




#67
1,2-Dichlorobenzene
Concen: 1.074 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

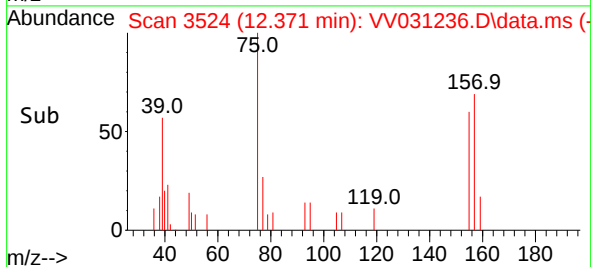
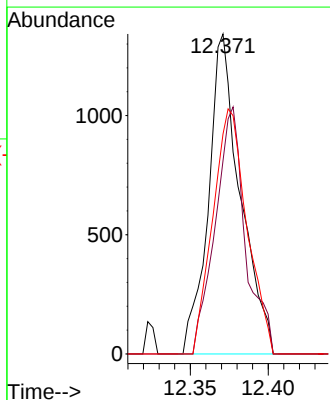
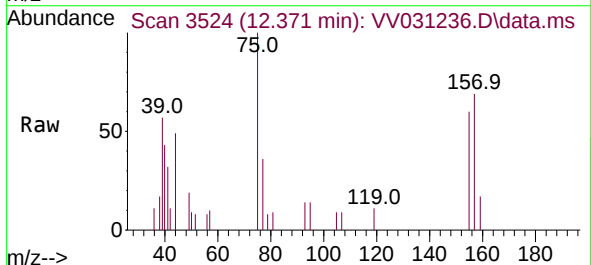
Instrument :
MSVOA_V
ClientSampleId :

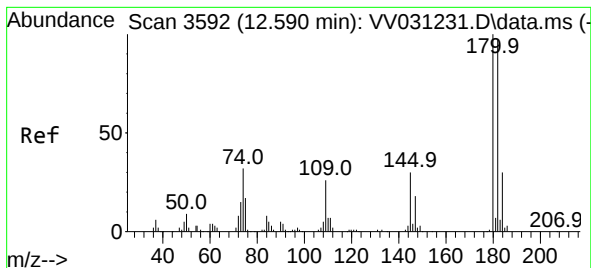
Tgt Ion:146 Resp: 24583
Ion Ratio Lower Upper
146 100
111 45.7 34.3 51.5
148 59.6 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.197 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031236.D
Acq: 25 May 2023 16:18

Tgt Ion: 75 Resp: 1907
Ion Ratio Lower Upper
75 100
155 60.4 64.6 96.8#
157 68.7 84.1 126.1#





#69

1,3,5-Trichlorobenzene

Concen: 1.071 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

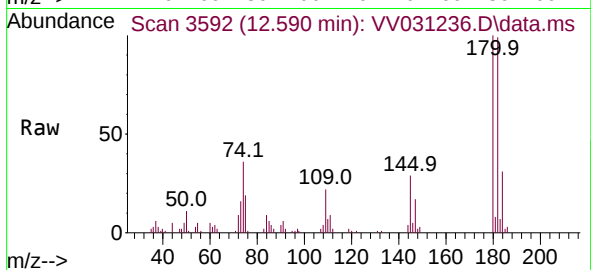
Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 20767

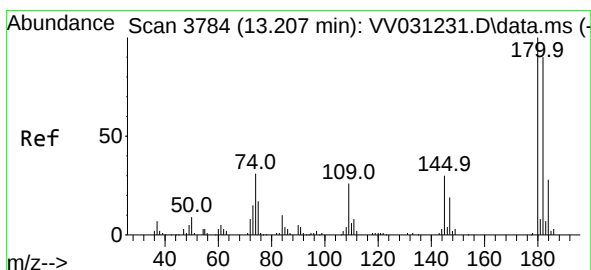
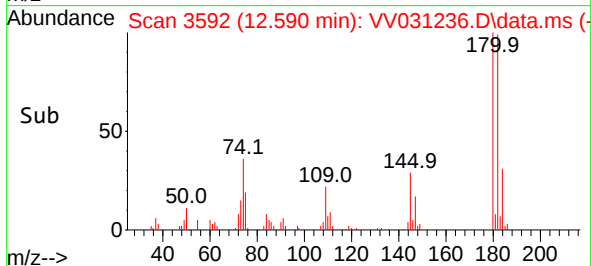
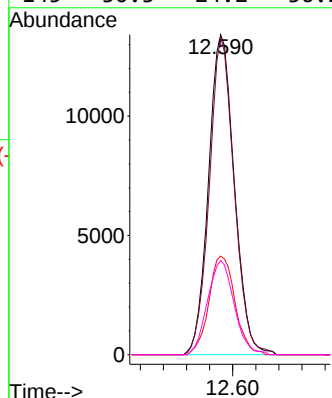
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

184 31.3 24.9 37.3

145 30.3 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 0.966 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

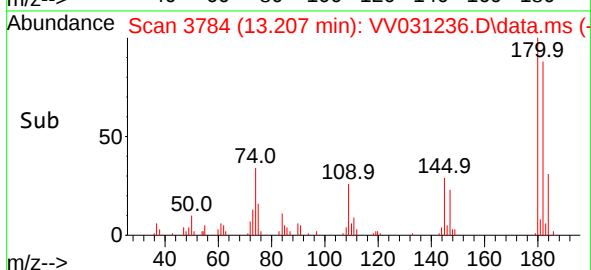
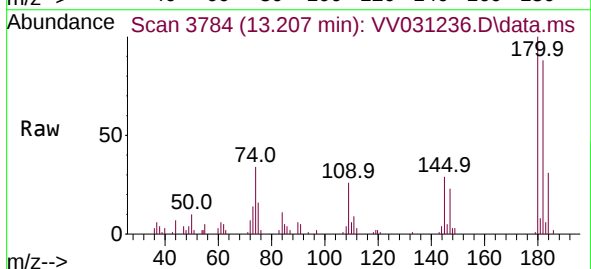
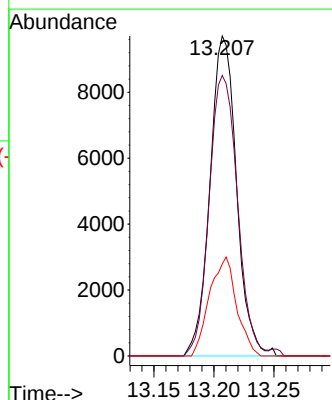
Tgt Ion:180 Resp: 14965

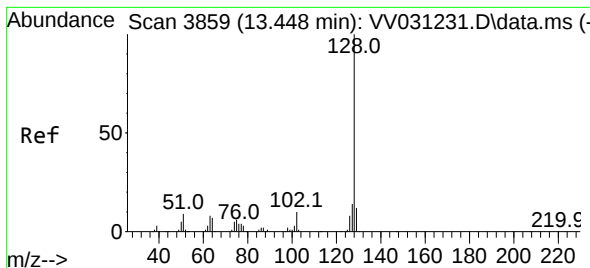
Ion Ratio Lower Upper

180 100

182 93.0 74.8 112.2

145 31.4 24.1 36.1





#71

Naphthalene

Concen: 0.891 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

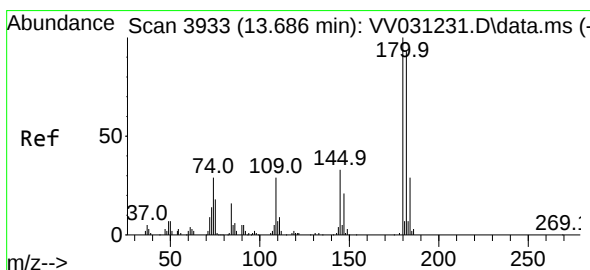
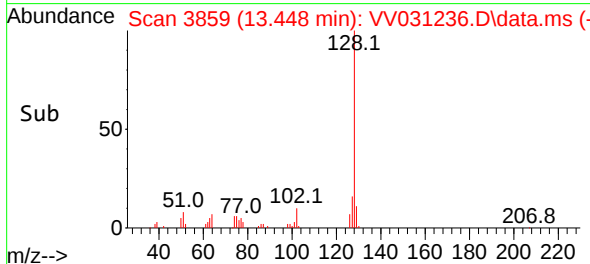
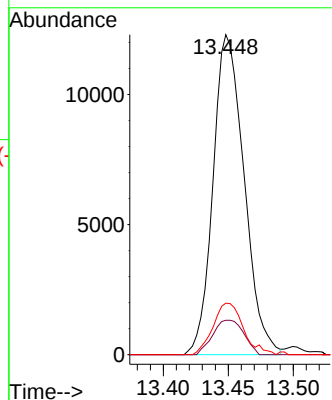
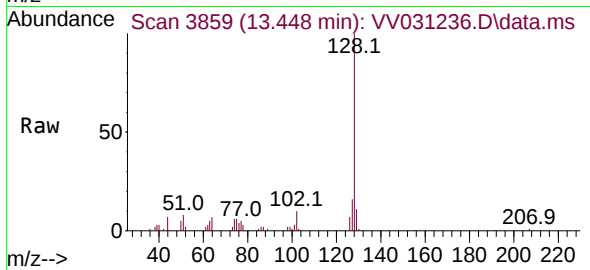
Tgt Ion:128 Resp: 20440

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 15.7 11.5 17.3



#72

1,2,3-Trichlorobenzene

Concen: 0.951 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031236.D

Acq: 25 May 2023 16:18

Tgt Ion:180 Resp: 12684

Ion Ratio Lower Upper

180 100

182 96.3 77.6 116.4

145 33.9 26.9 40.3

