

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032605.D
 Acq On : 24 Oct 2023 21:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:58:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:52:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	100796	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	113480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	59548	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41845	5.105	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.000%	
7) Chloroethane-d5	1.532	69	36847	5.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.800%	
11) 1,1-Dichloroethene-d2	2.060	65	17400	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.600%	
20) 2-Butanone-d5	3.818	46	97962	47.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 94.480%	
24) Chloroform-d	4.371	84	12623	0.873	ug/L	0.12
Spiked Amount	5.000	Range	70 - 125	Recovery	= 17.400%#	
26) 1,2-Dichloroethane-d4	4.947	65	37171	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.600%	
32) Benzene-d6	4.963	84	140564	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 84.200%	
36) 1,2-Dichloropropane-d6	5.992	67	41470	3.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 75.000%	
41) Toluene-d8	7.246	98	145658	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.400%	
43) trans-1,3-Dichloroprop...	7.558	79	18566	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 94.800%	
46) 2-Hexanone-d5	8.030	63	90517	49.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 98.140%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	38001	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 98.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	51672	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 93.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	54161	4.822	ug/L	99
3) Chloromethane	1.214	50	53421	4.718	ug/L	99
5) Vinyl chloride	1.282	62	54911	5.084	ug/L	97
6) Bromomethane	1.487	94	30376	4.656	ug/L	96
8) Chloroethane	1.548	64	36163	5.562	ug/L	100
9) Trichlorofluoromethane	1.712	101	76506	5.907	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	41778	5.324	ug/L	99
12) 1,1-Dichloroethene	2.069	96	39191	5.302	ug/L	94
13) Acetone	2.143	43	77187	48.293	ug/L	99
14) Carbon disulfide	2.240	76	108786	4.210	ug/L	99
15) Methyl Acetate	2.388	43	15863	4.409	ug/L	97
16) Methylene chloride	2.446	84	43994	4.565	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	101015	5.019	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	39338	4.646	ug/L	98
19) 1,1-Dichloroethane	3.114	63	76776	4.820	ug/L	100
21) 2-Butanone	3.899	43	115691	46.287	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	43994	4.825	ug/L	97
23) Bromochloromethane	4.153	128	20165	5.257	ug/L	94
25) Chloroform	4.281	83	82721	5.293	ug/L	100

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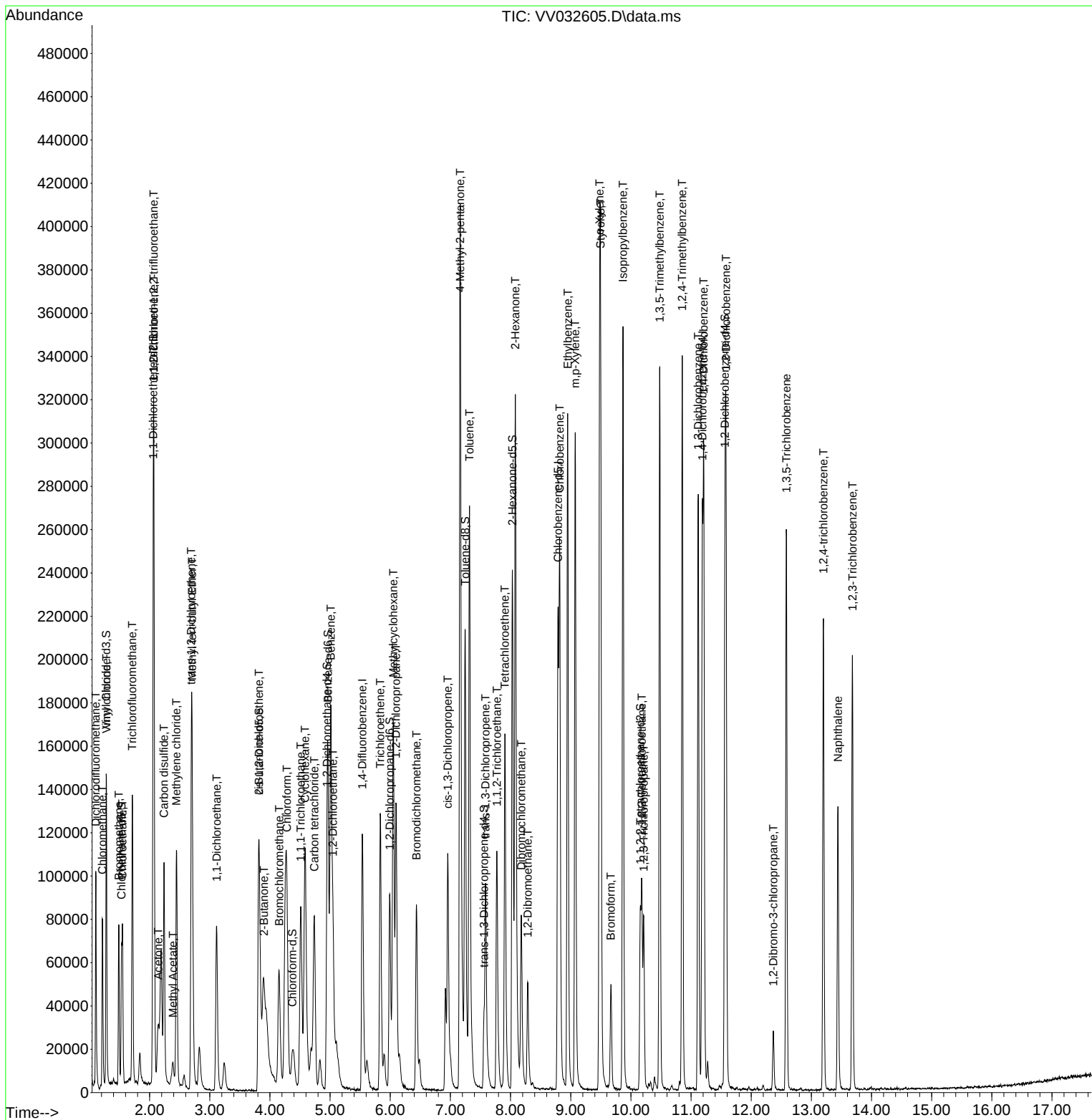
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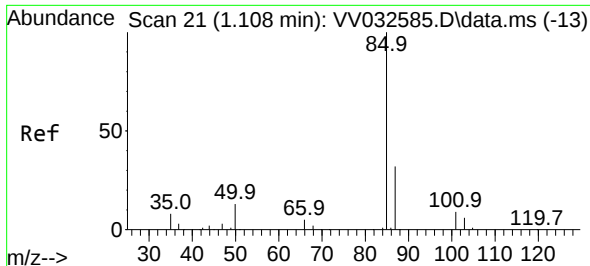
Quant Time: Oct 25 05:58:42 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	52040	5.636	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	68768	4.457	ug/L	97
30) Cyclohexane	4.584	56	57932	3.417	ug/L	98
31) Carbon tetrachloride	4.738	117	58992	4.519	ug/L	98
33) Benzene	5.011	78	172674	4.322	ug/L	100
34) Trichloroethene	5.834	95	43918	4.027	ug/L	96
35) Methylcyclohexane	6.050	83	65165	3.861	ug/L	96
37) 1,2-Dichloropropane	6.095	63	45436	4.252	ug/L	99
38) Bromodichloromethane	6.436	83	57914	4.562	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	69054	4.541	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	311339	46.044	ug/L	97
42) Toluene	7.317	91	206850	4.857	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	57294	4.585	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	37021	4.912	ug/L	98
47) Tetrachloroethene	7.905	164	38548	4.660	ug/L	99
48) 2-Hexanone	8.079	43	224601	47.079	ug/L	99
49) Dibromochloromethane	8.178	129	41239	5.255	ug/L	91
50) 1,2-Dibromoethane	8.284	107	34310	4.813	ug/L	96
51) Chlorobenzene	8.815	112	130129	4.745	ug/L	98
52) Ethylbenzene	8.950	91	219568	4.630	ug/L	100
53) m,p-Xylene	9.075	106	84578	4.808	ug/L	99
54) o-Xylene	9.481	106	79044	4.664	ug/L	96
55) Styrene	9.497	104	140780	4.918	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.182	83	45043	5.431	ug/L	98
59) Bromoform	9.667	173	21212	4.899	ug/L	97
60) Isopropylbenzene	9.870	105	219450	4.742	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30909	4.877	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	173862	4.609	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	177437	4.725	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	104945	4.747	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	104998	4.734	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	95948	4.758	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	6895	5.324	ug/L	91
69) 1,3,5-Trichlorobenzene	12.587	180	72733	4.492	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	59957	4.175	ug/L	99
71) Naphthalene	13.442	128	100209	4.108	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	55997	4.525	ug/L	99

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

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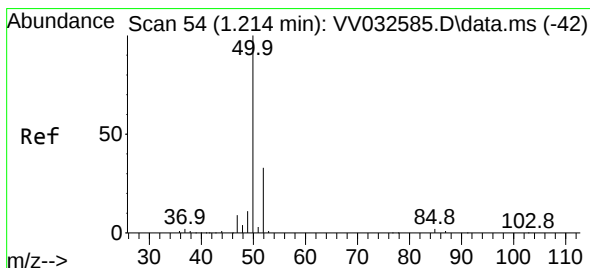
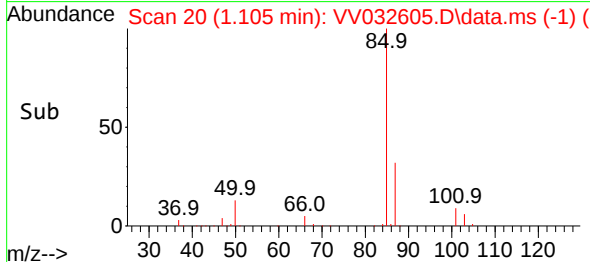
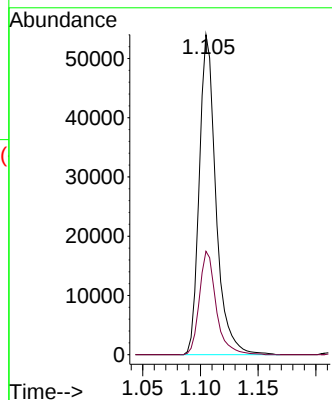
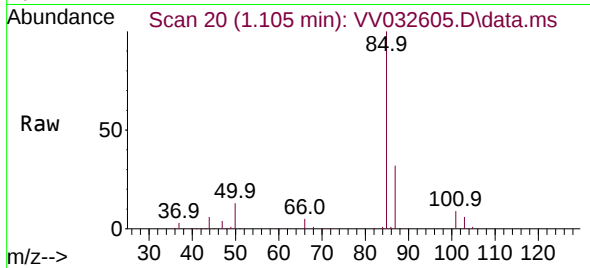




#2
 Dichlorodifluoromethane
 Concen: 4.822 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

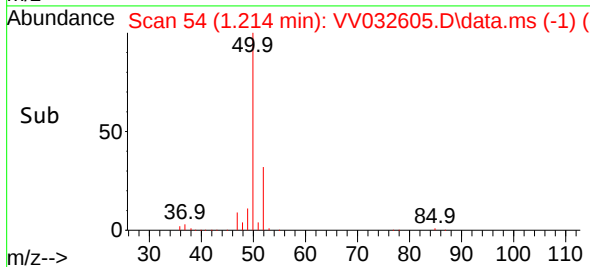
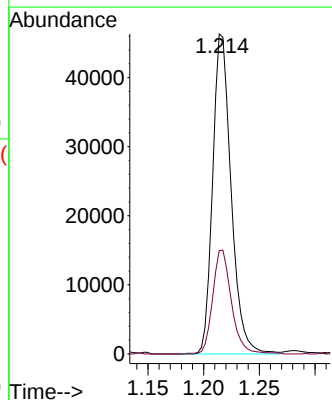
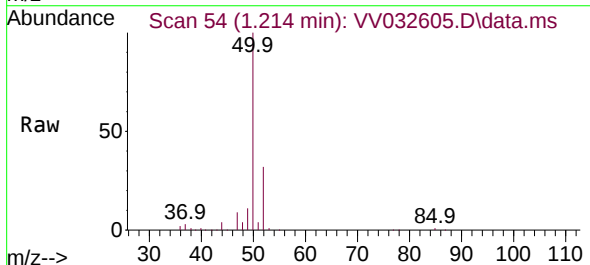
Instrument :
 MSVOA_V
 ClientSampleId :

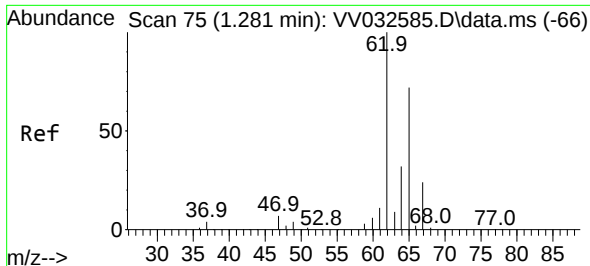
Tgt Ion: 85 Resp: 54161
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.5 38.3



#3
 Chloromethane
 Concen: 4.718 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

Tgt Ion: 50 Resp: 53421
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.6



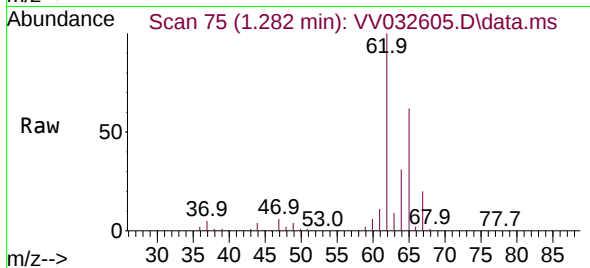


#5
 Vinyl chloride
 Concen: 5.084 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

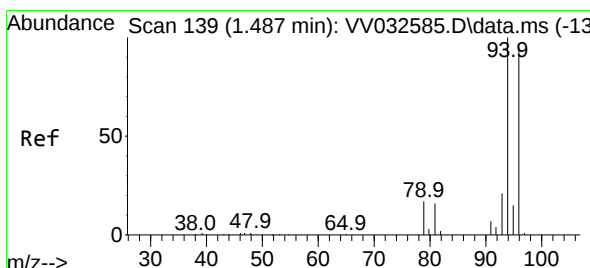
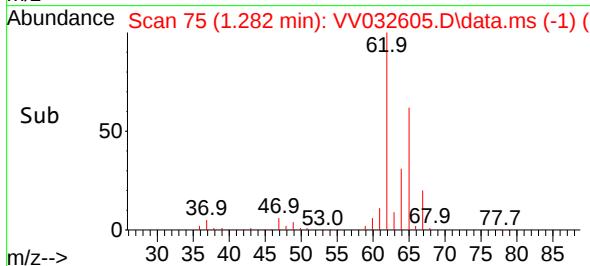
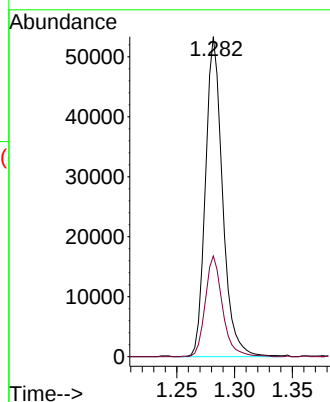
Instrument :

MSVOA_V

ClientSampleId :

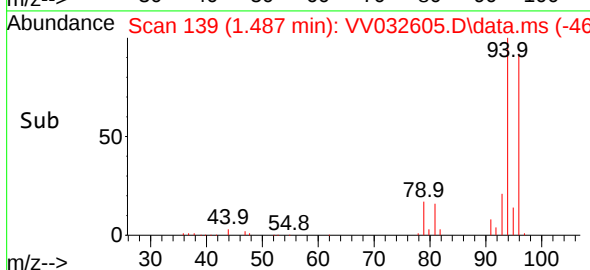
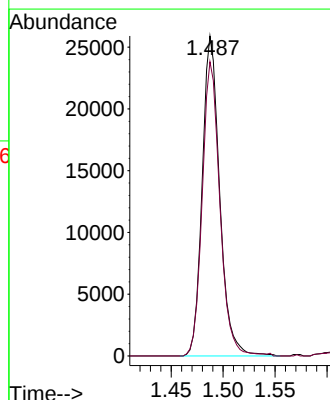
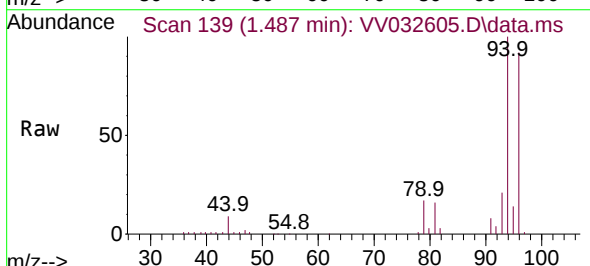


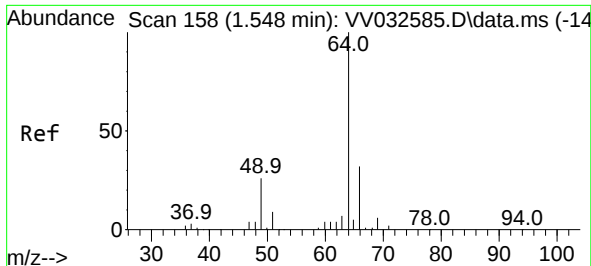
Tgt Ion: 62 Resp: 54911
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.656 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

Tgt Ion: 94 Resp: 30376
 Ion Ratio Lower Upper
 94 100
 96 92.0 66.8 124.2

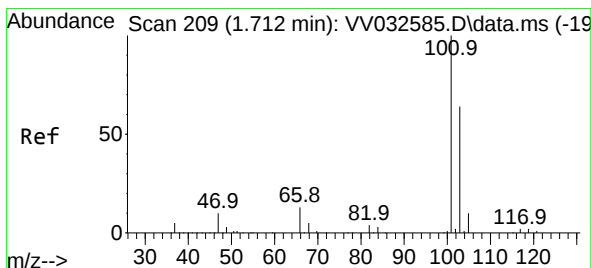
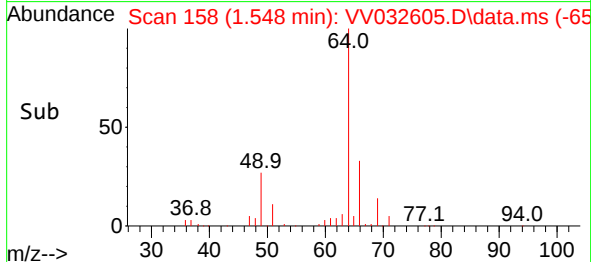
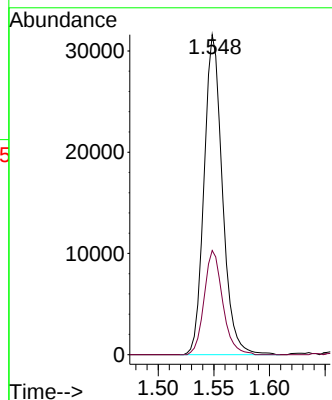
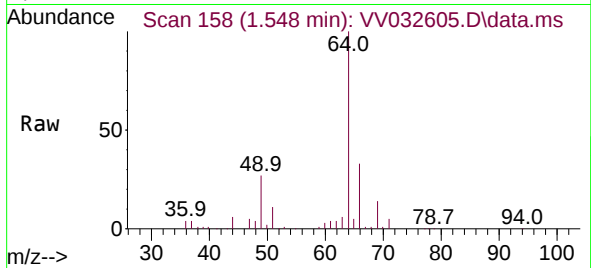




#8
Chloroethane
Concen: 5.562 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

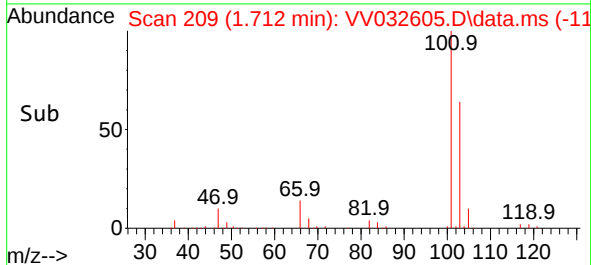
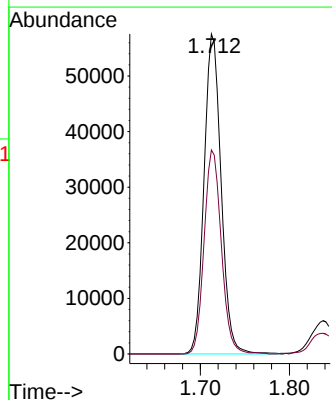
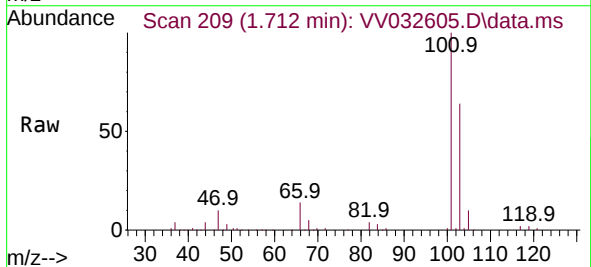
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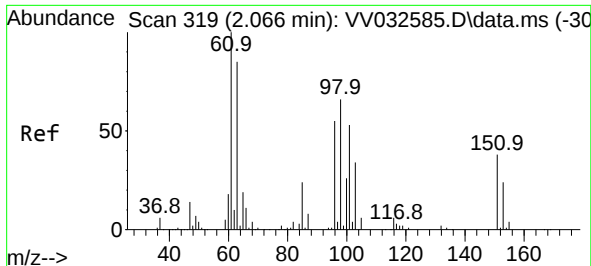
Tgt Ion: 64 Resp: 36163
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.907 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion:101 Resp: 76506
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

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

Concen: 5.324 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

ClientSampleId :

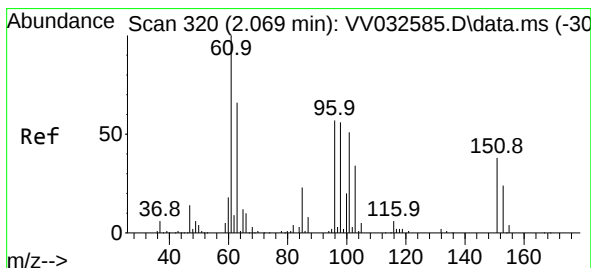
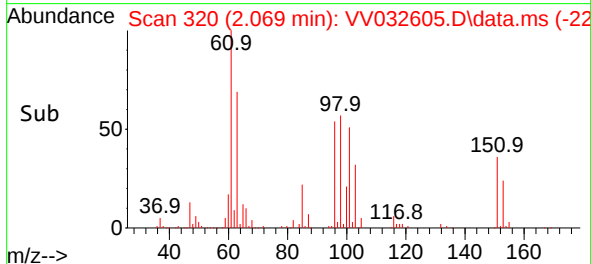
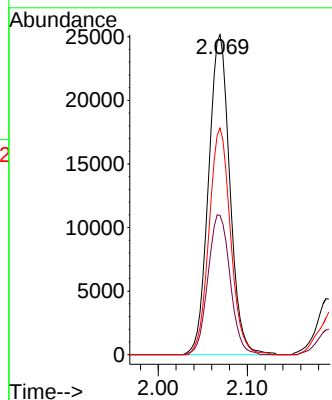
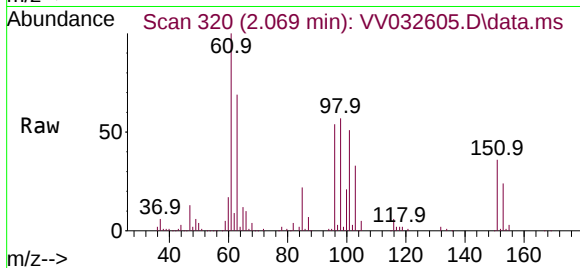
Tgt Ion:101 Resp: 41778

Ion Ratio Lower Upper

101 100

85 45.4 35.0 52.6

151 71.3 56.6 84.8



#12

1,1-Dichloroethene

Concen: 5.302 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

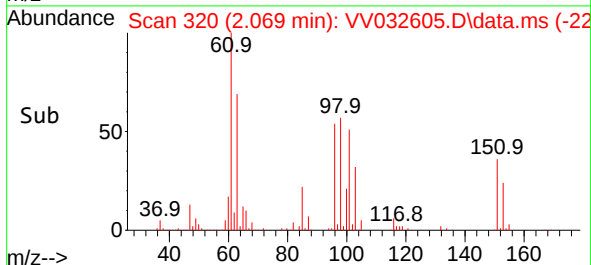
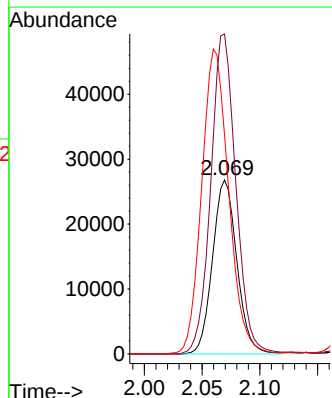
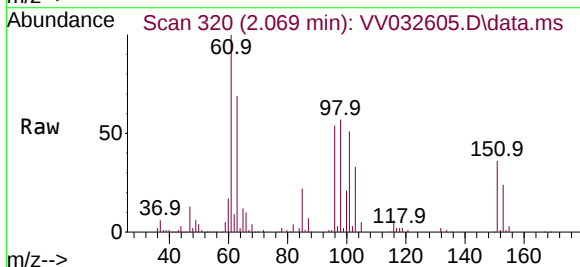
Tgt Ion: 96 Resp: 39191

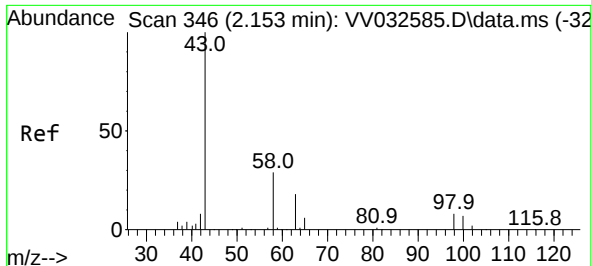
Ion Ratio Lower Upper

96 100

61 183.9 127.3 236.3

63 126.0 98.3 182.7





#13

Acetone

Concen: 48.293 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.009 min

Lab File: VV032605.D

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Instrument :

MSVOA_V

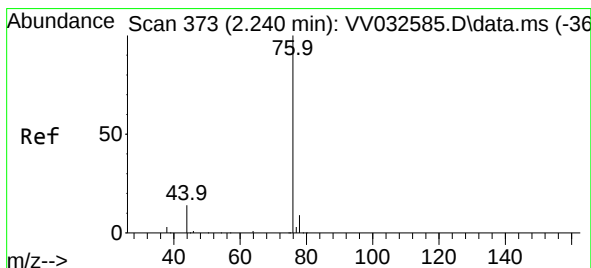
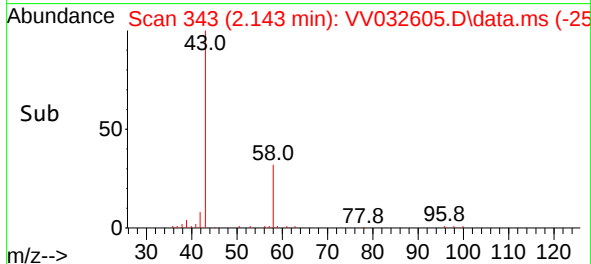
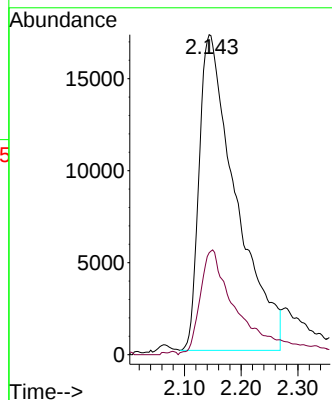
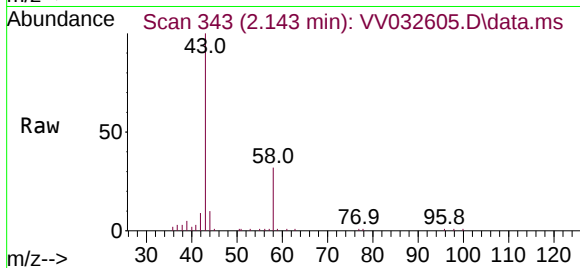
ClientSampleId :

Tgt Ion: 43 Resp: 77187

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.0



#14

Carbon disulfide

Concen: 4.210 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032605.D

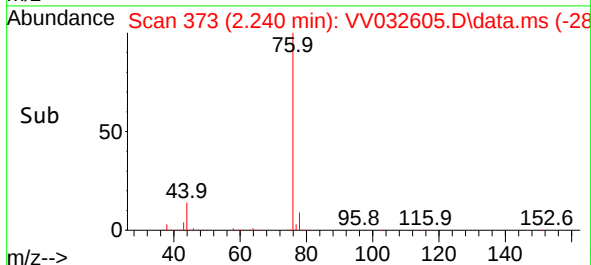
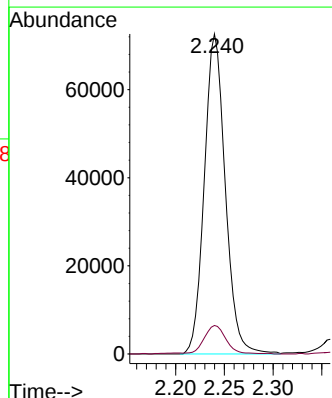
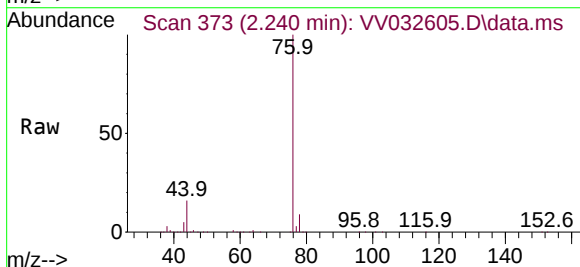
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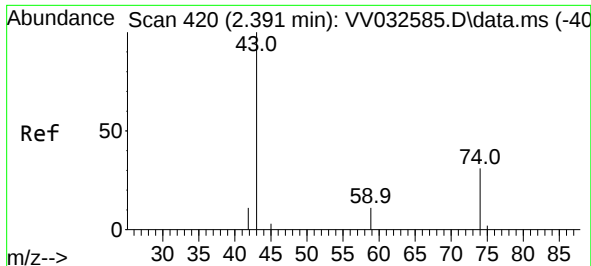
Tgt Ion: 76 Resp: 108786

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

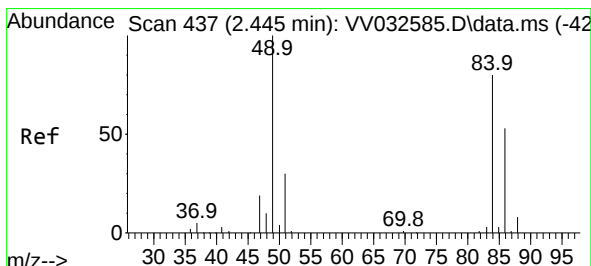
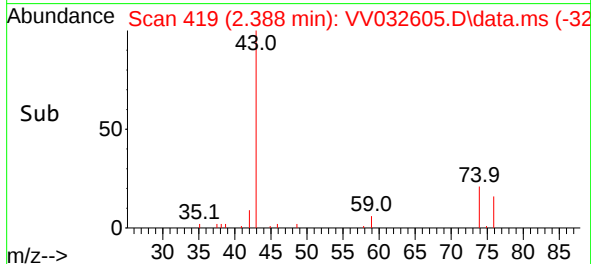
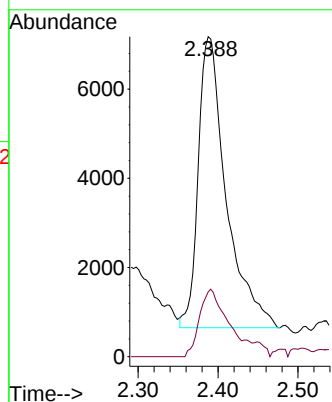
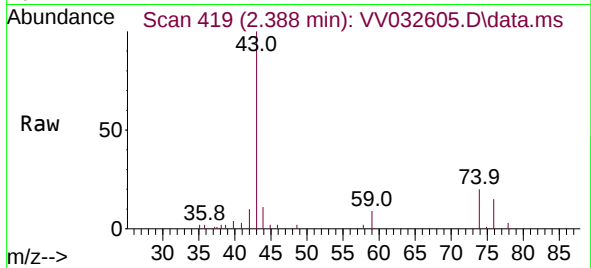




#15
Methyl Acetate
Concen: 4.409 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

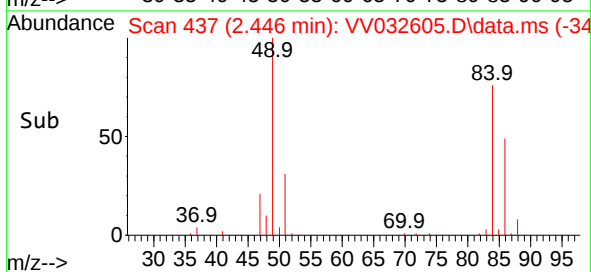
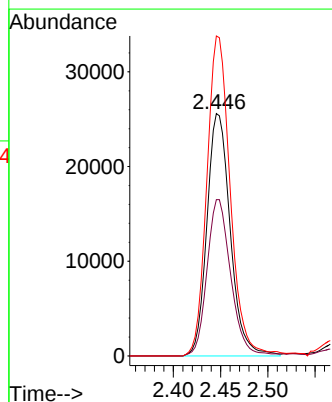
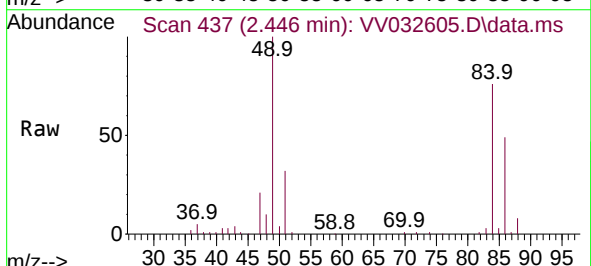
Instrument :
MSVOA_V
ClientSampleId :

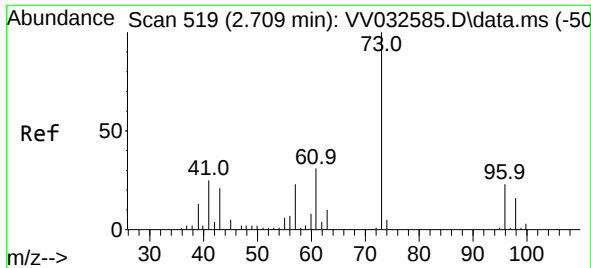
Tgt Ion: 43 Resp: 15863
Ion Ratio Lower Upper
43 100
74 23.9 18.0 27.0



#16
Methylene chloride
Concen: 4.565 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 84 Resp: 43994
Ion Ratio Lower Upper
84 100
86 64.5 43.2 80.2
49 132.0 86.3 160.3

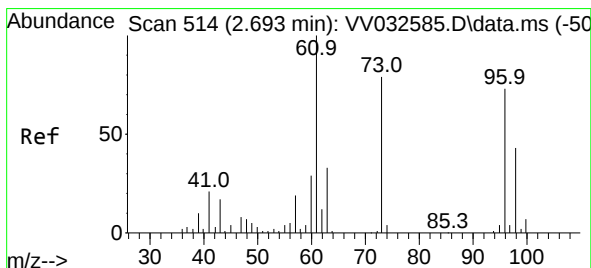
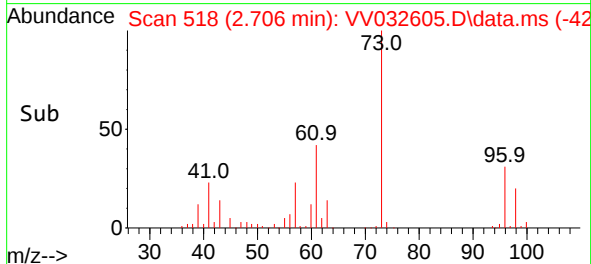
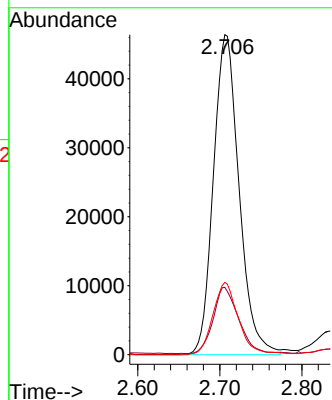
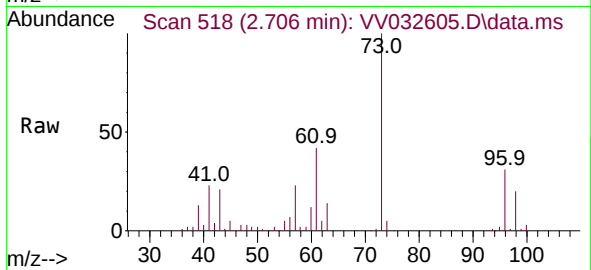




#17
Methyl tert-butyl Ether
Concen: 5.019 ug/L
RT: 2.706 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

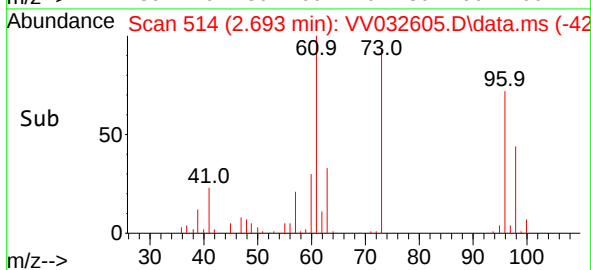
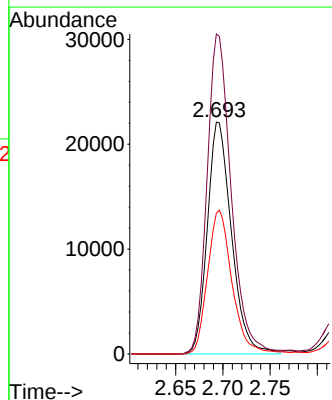
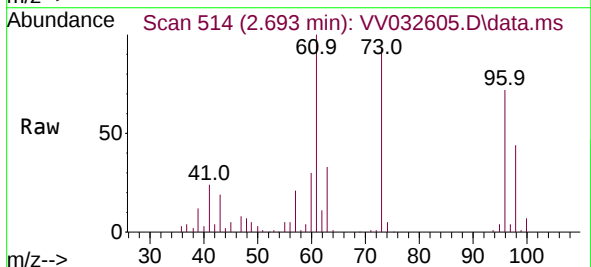
Instrument :
MSVOA_V
ClientSampleId :

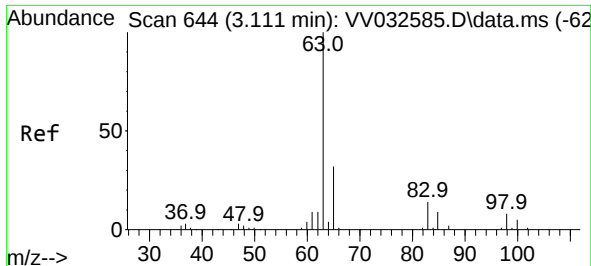
Tgt Ion: 73 Resp: 101015
Ion Ratio Lower Upper
73 100
43 20.5 15.1 22.7
57 22.5 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.646 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 96 Resp: 39338
Ion Ratio Lower Upper
96 100
61 138.0 96.9 180.1
98 60.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.820 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

ClientSampleId :

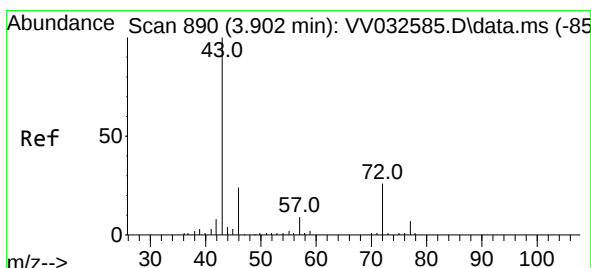
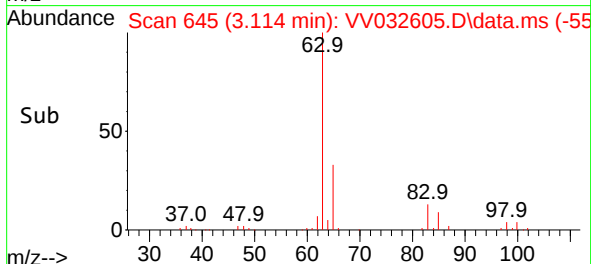
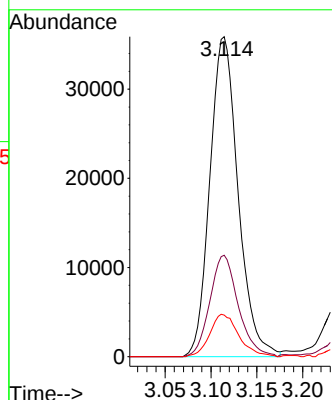
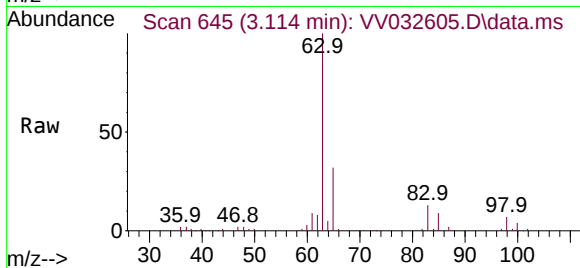
Tgt Ion: 63 Resp: 76776

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 13.0 9.0 16.6



#21

2-Butanone

Concen: 46.287 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.003 min

Lab File: VV032605.D

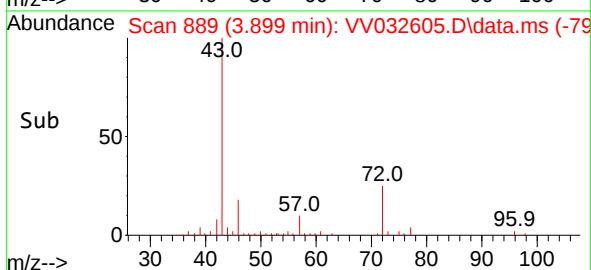
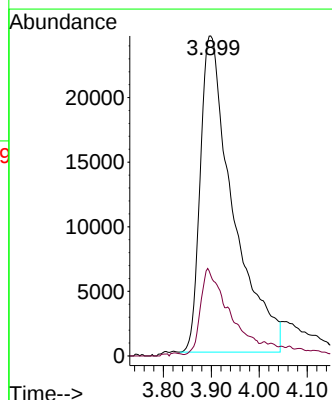
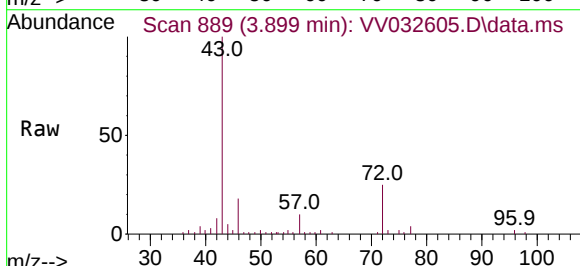
Acq: 24 Oct 2023 21:20

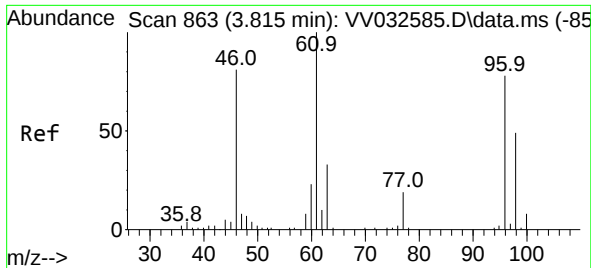
Tgt Ion: 43 Resp: 115691

Ion Ratio Lower Upper

43 100

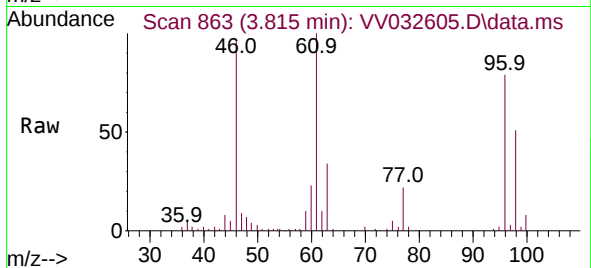
72 23.6 11.6 34.8





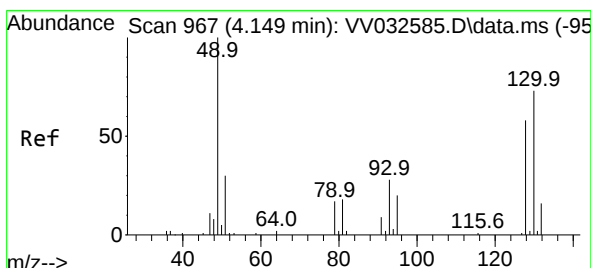
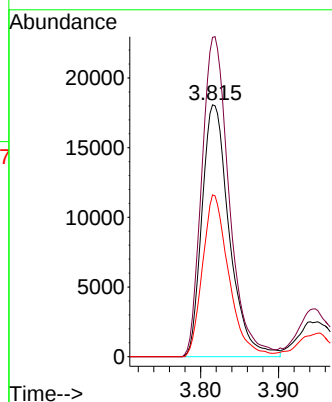
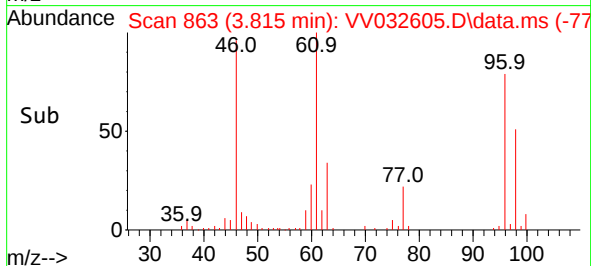
#22
 cis-1,2-Dichloroethene
 Concen: 4.825 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

Instrument :
 MSVOA_V
 ClientSampleId :

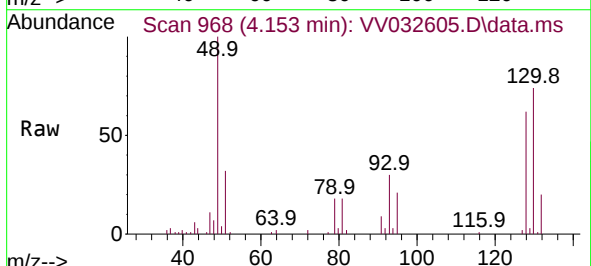


Tgt Ion: 96 Resp: 43994

Ion	Ratio	Lower	Upper
96	100		
61	126.9	85.8	159.4
98	64.3	44.0	81.6

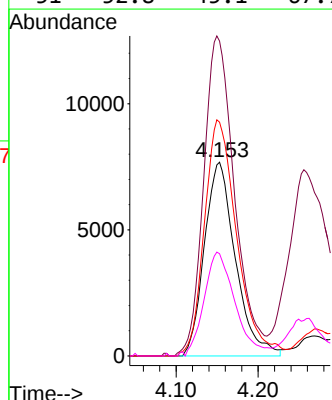
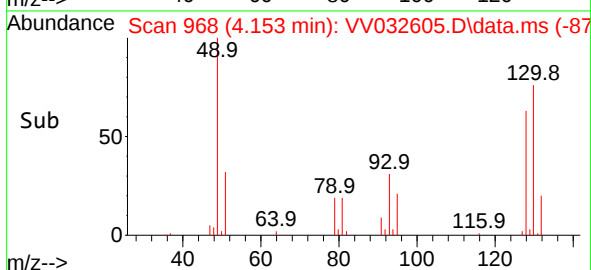


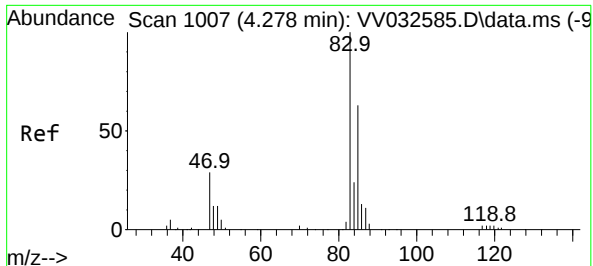
#23
 Bromochloromethane
 Concen: 5.257 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20



Tgt Ion: 128 Resp: 20165

Ion	Ratio	Lower	Upper
128	100		
49	162.5	121.2	225.0
130	120.6	88.2	163.8
51	52.8	45.1	67.7





#25

Chloroform

Concen: 5.293 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

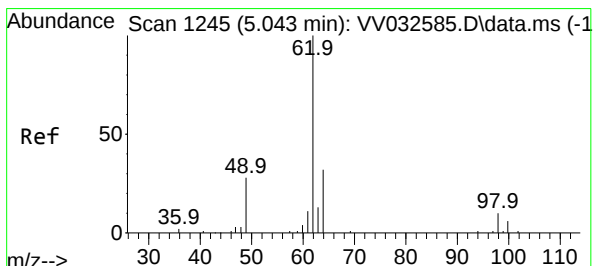
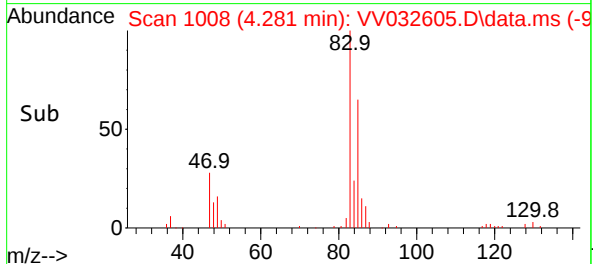
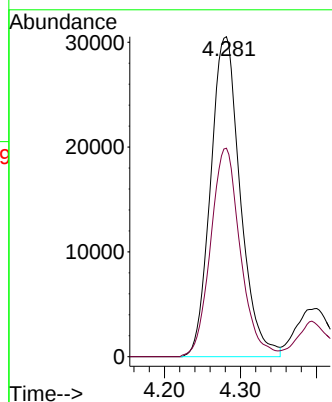
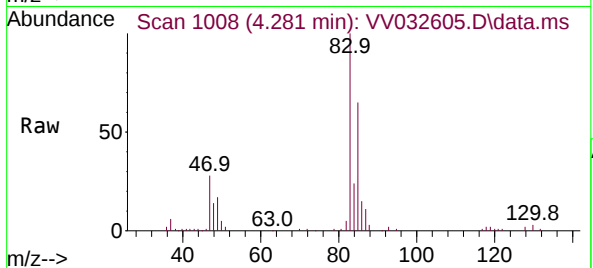
ClientSampleId :

Tgt Ion: 83 Resp: 82721

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.636 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032605.D

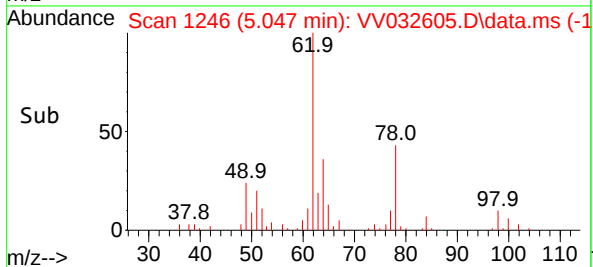
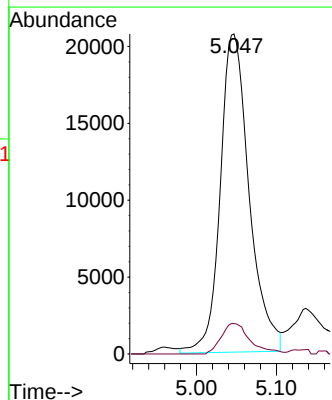
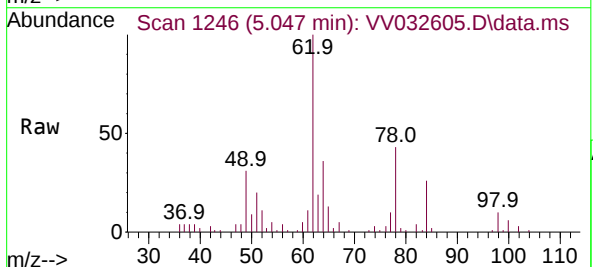
Acq: 24 Oct 2023 21:20

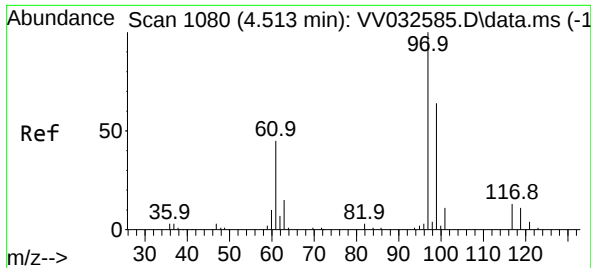
Tgt Ion: 62 Resp: 52040

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.457 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

ClientSampleId :

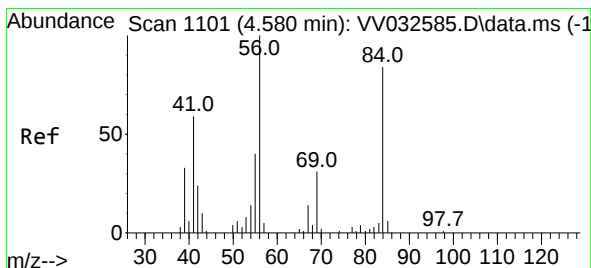
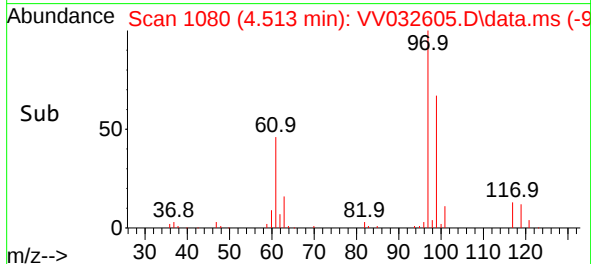
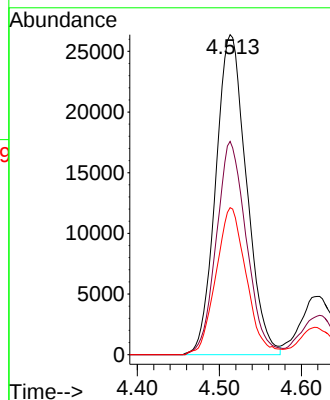
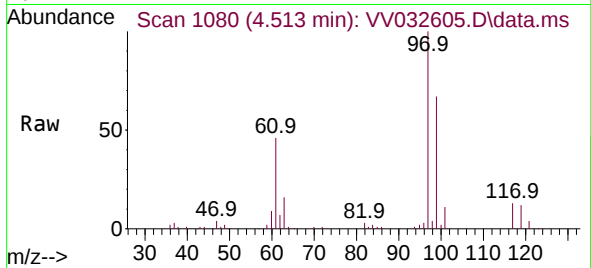
Tgt Ion: 97 Resp: 68768

Ion Ratio Lower Upper

97 100

99 65.2 50.1 75.1

61 45.3 35.1 52.7



#30

Cyclohexane

Concen: 3.417 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

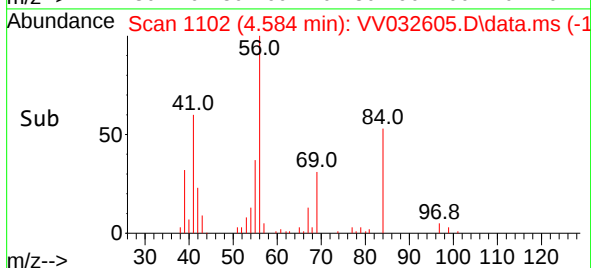
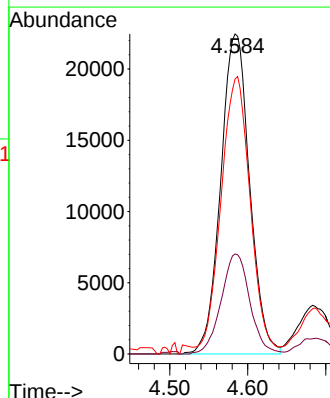
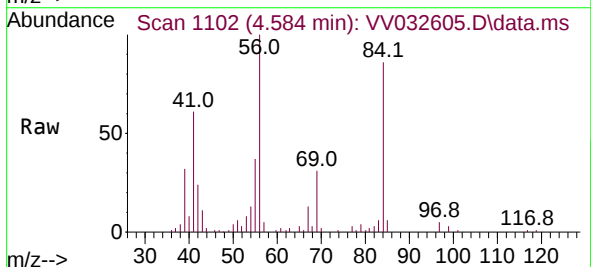
Tgt Ion: 56 Resp: 57932

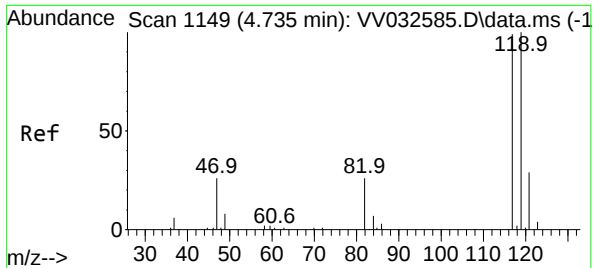
Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 83.6 68.1 102.1

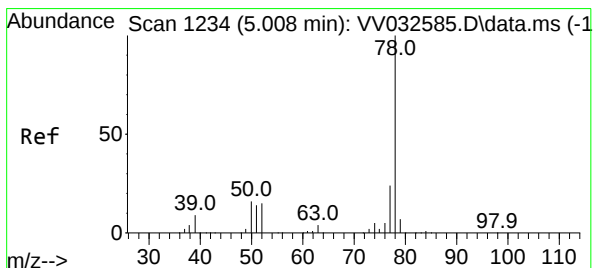
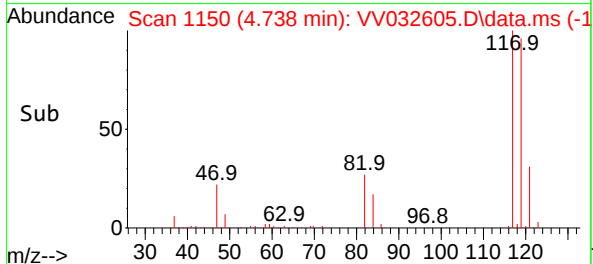
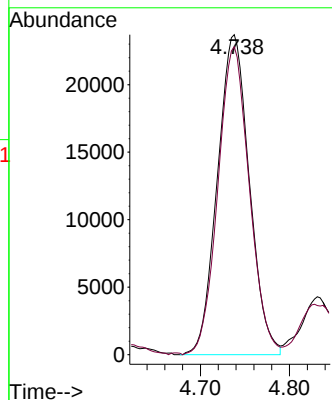
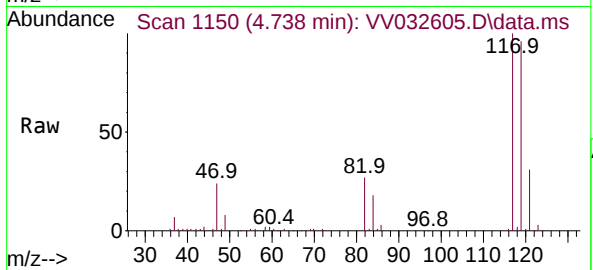




#31
Carbon tetrachloride
Concen: 4.519 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

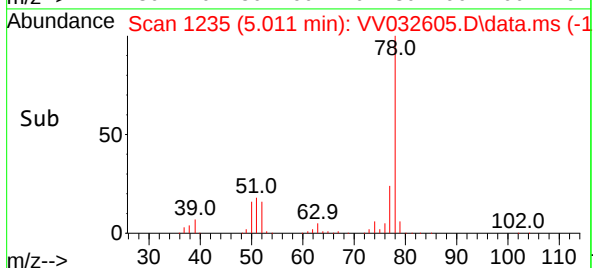
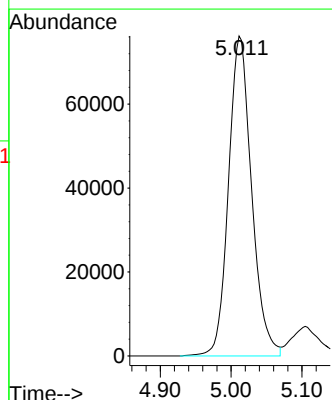
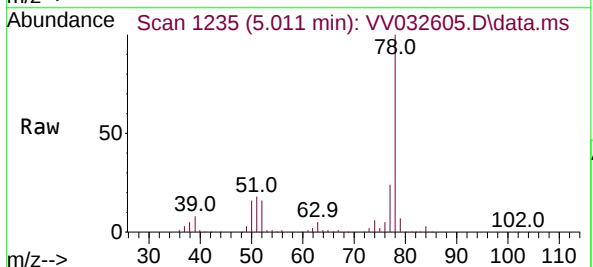
Instrument :
MSVOA_V
ClientSampleId :

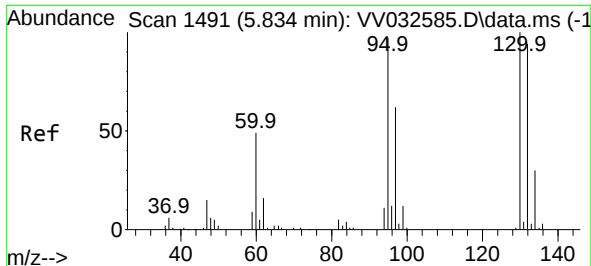
Tgt Ion:117 Resp: 58992
Ion Ratio Lower Upper
117 100
119 94.7 77.6 116.4



#33
Benzene
Concen: 4.322 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 78 Resp: 172674

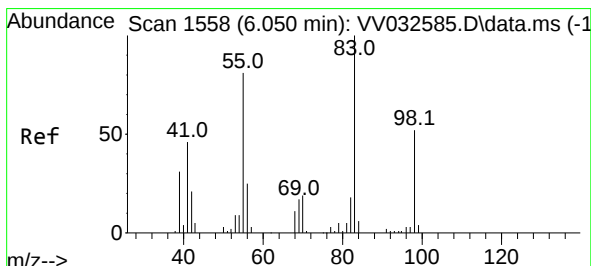
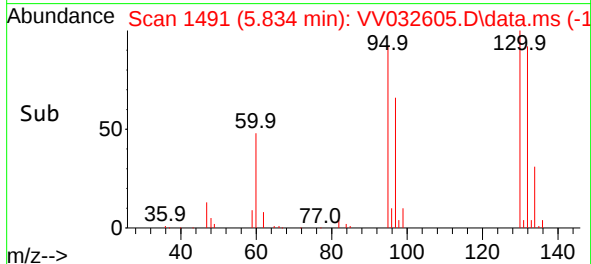
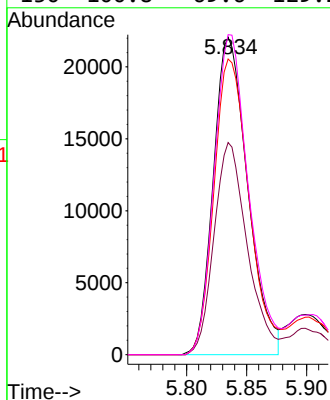
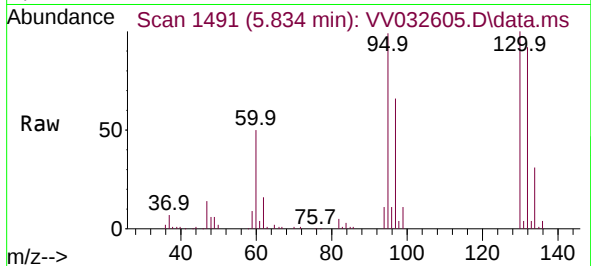




#34
Trichloroethene
Concen: 4.027 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

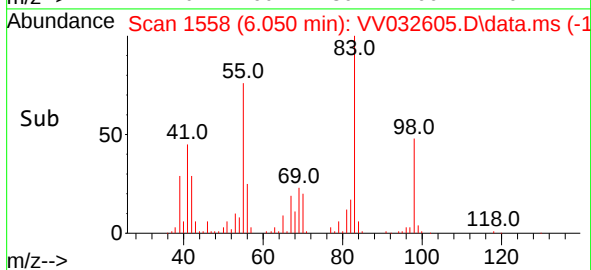
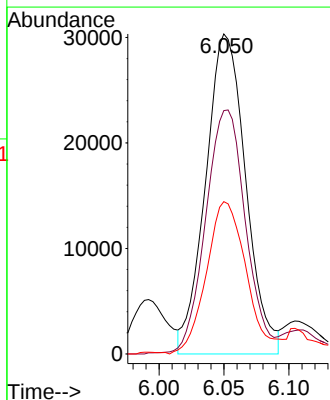
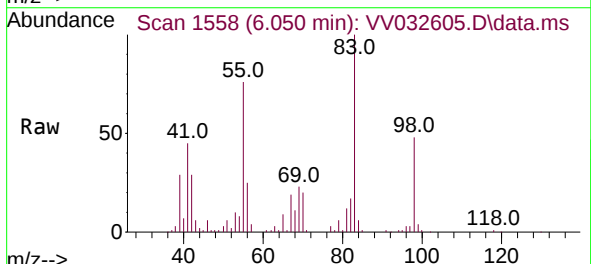
Instrument :
MSVOA_V
ClientSampleId :

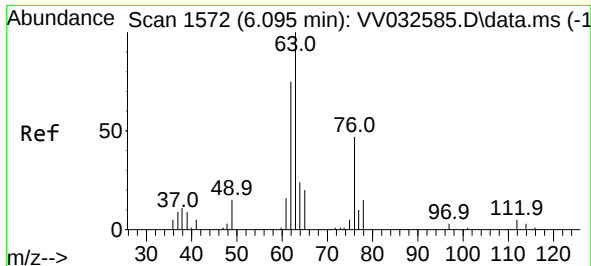
Tgt Ion: 95 Resp: 43918
Ion Ratio Lower Upper
95 100
97 66.8 45.7 84.9
132 93.1 70.3 130.5
130 100.8 69.6 129.2



#35
Methylcyclohexane
Concen: 3.861 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 83 Resp: 65165
Ion Ratio Lower Upper
83 100
55 75.9 64.2 96.2
98 47.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.252 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

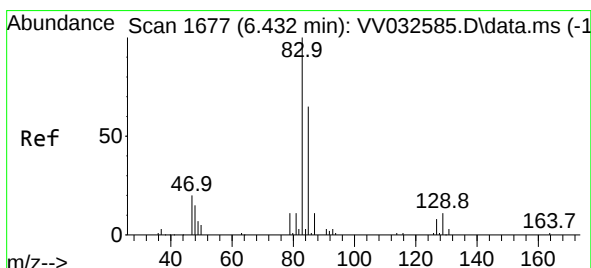
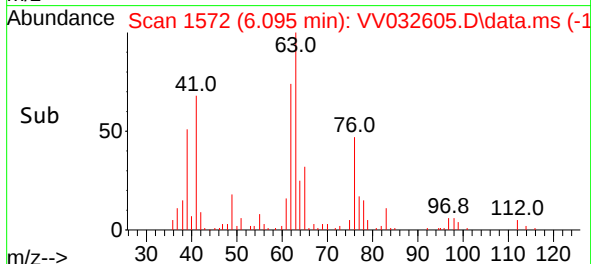
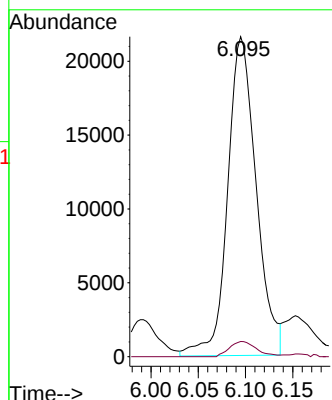
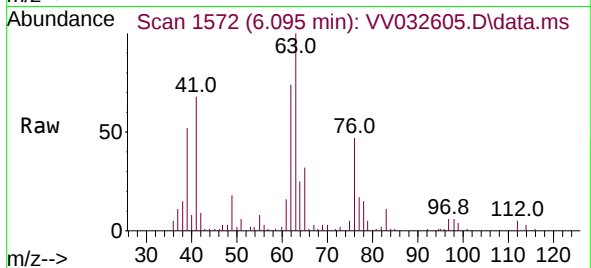
ClientSampleId :

Tgt Ion: 63 Resp: 45436

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 4.562 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

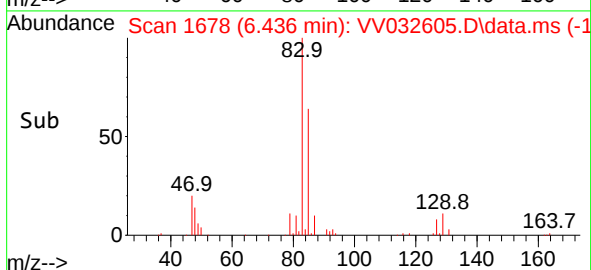
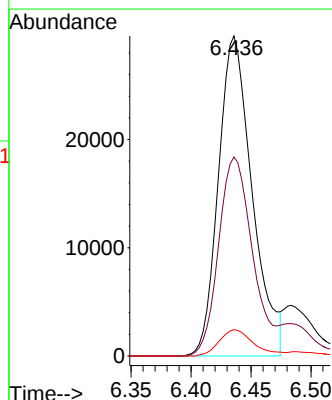
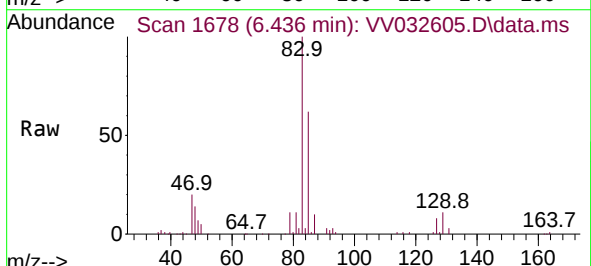
Tgt Ion: 83 Resp: 57914

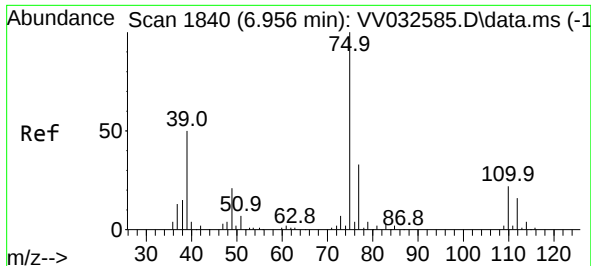
Ion Ratio Lower Upper

83 100

85 62.2 44.9 83.3

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.541 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

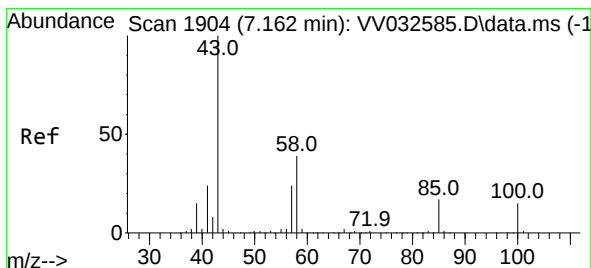
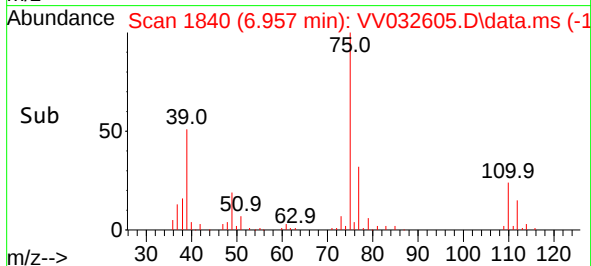
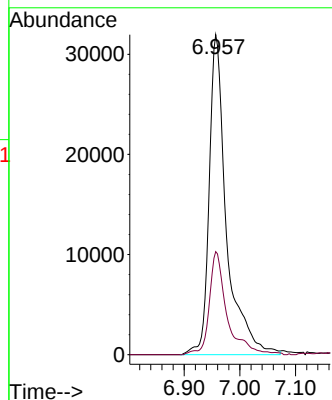
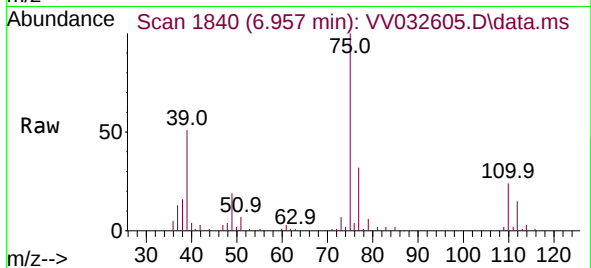
ClientSampleId :

Tgt Ion: 75 Resp: 69054

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 46.044 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

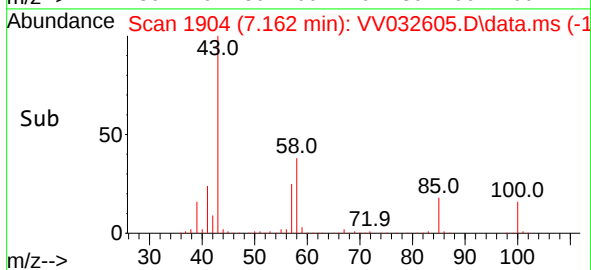
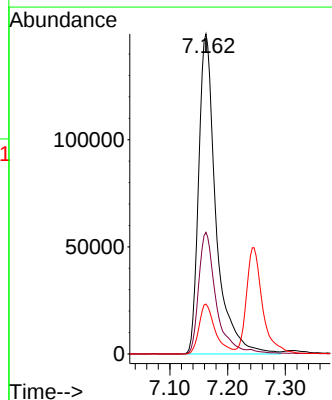
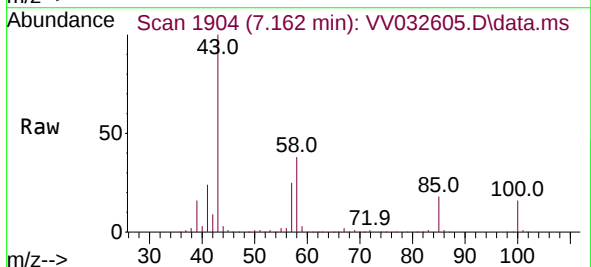
Tgt Ion: 43 Resp: 311339

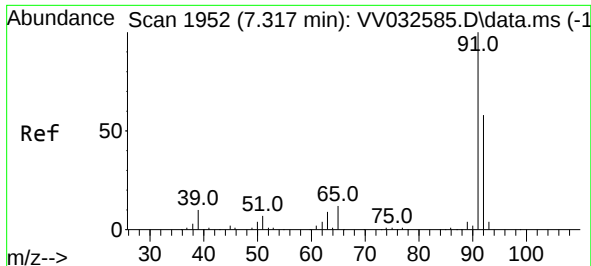
Ion Ratio Lower Upper

43 100

58 37.6 31.9 47.9

100 14.6 11.3 16.9





#42

Toluene

Concen: 4.857 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

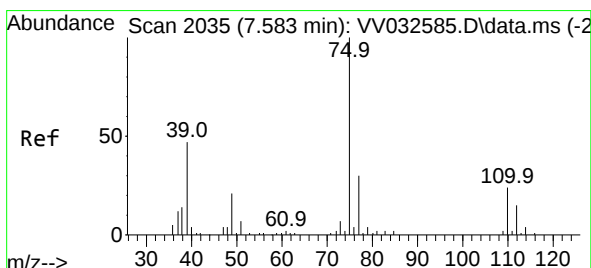
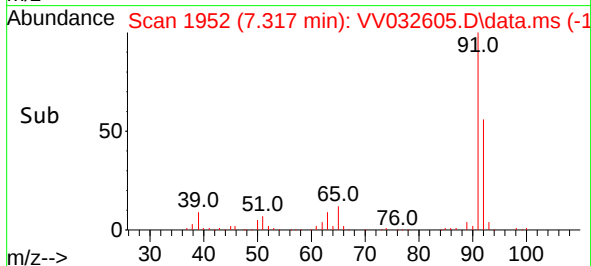
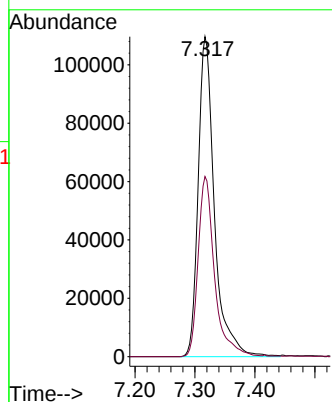
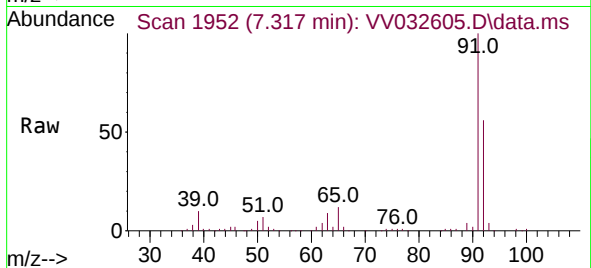
ClientSampleId :

Tgt Ion: 91 Resp: 206850

Ion Ratio Lower Upper

91 100

92 56.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.585 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032605.D

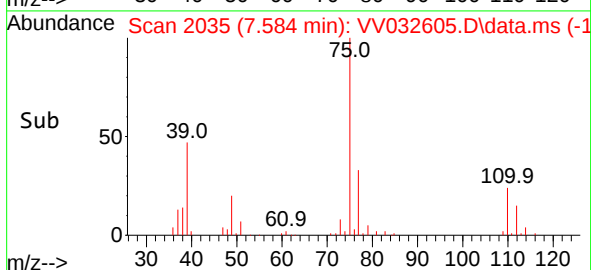
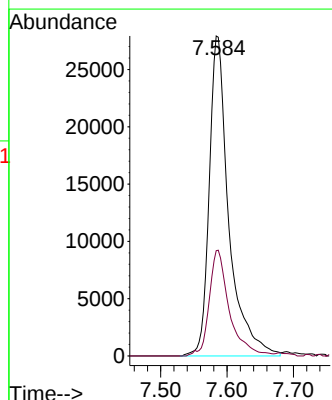
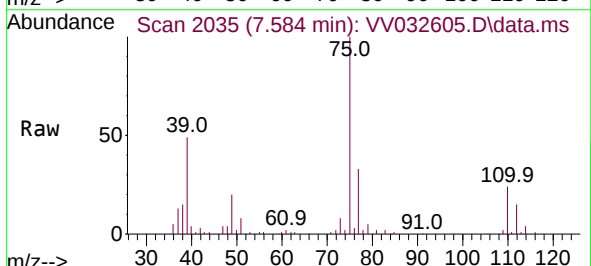
Acq: 24 Oct 2023 21:20

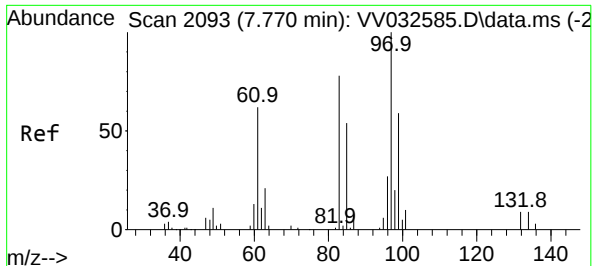
Tgt Ion: 75 Resp: 57294

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7

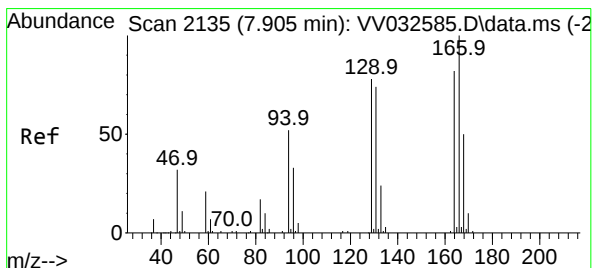
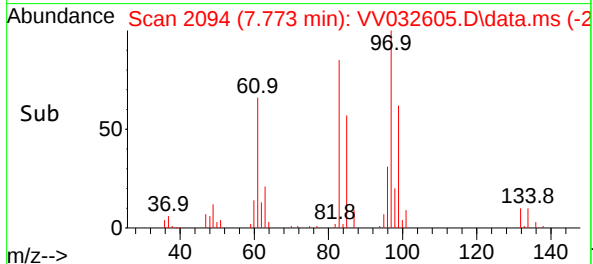
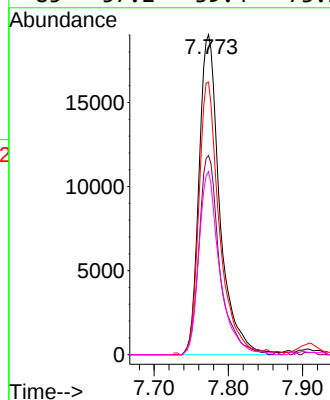
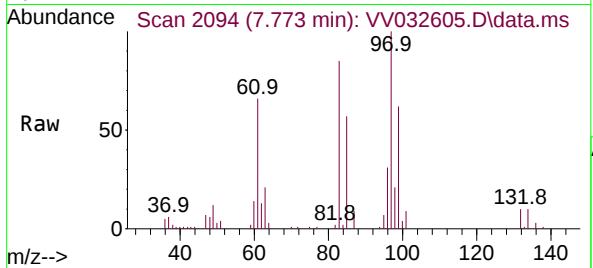




#45
1,1,2-Trichloroethane
Concen: 4.912 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

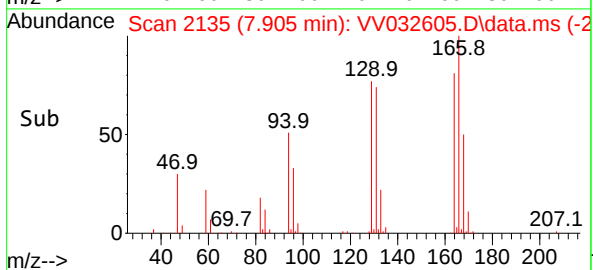
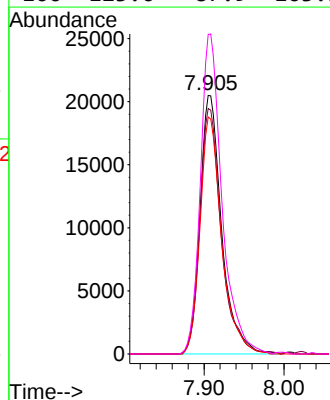
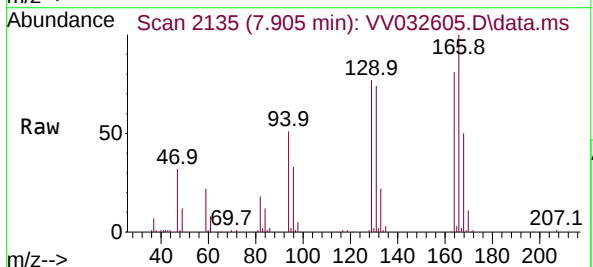
Instrument :
MSVOA_V
ClientSampleId :

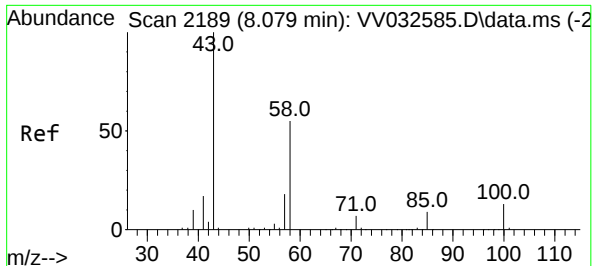
Tgt Ion:	97	Resp:	37021
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.8	79.4
83	85.2	60.9	113.1
85	57.2	39.4	73.2



#47
Tetrachloroethene
Concen: 4.660 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion:	164	Resp:	38548
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.4	123.4
131	91.6	63.7	118.3
166	123.6	87.9	163.3



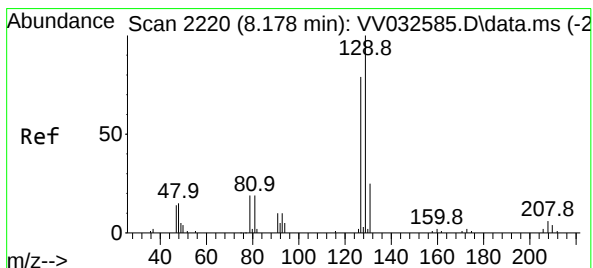
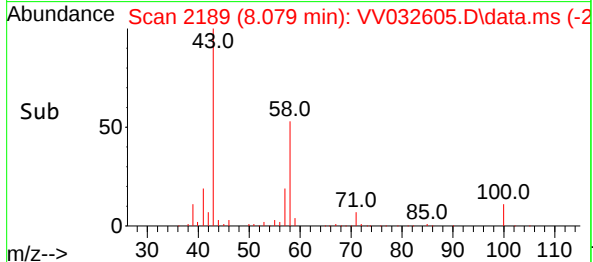
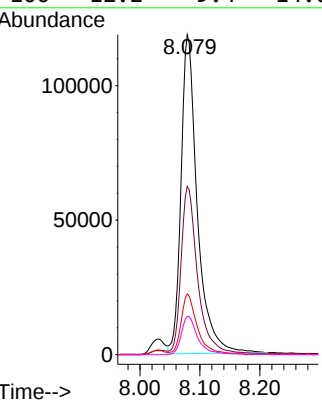
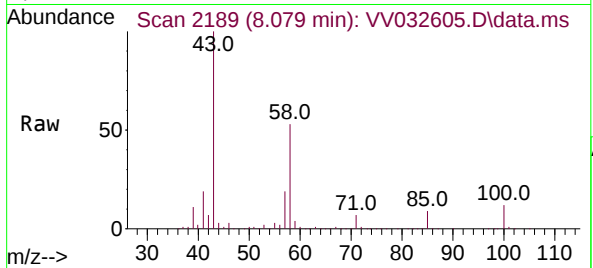


#48
2-Hexanone
Concen: 47.079 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 224601

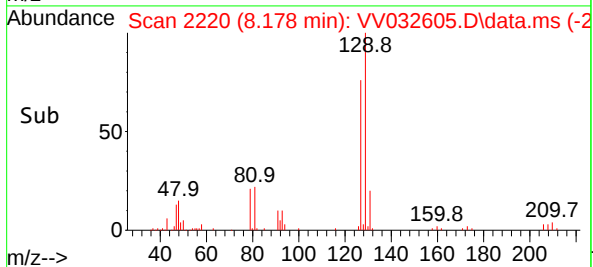
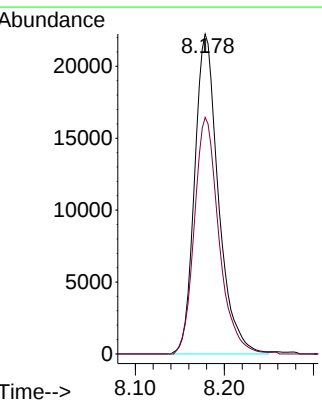
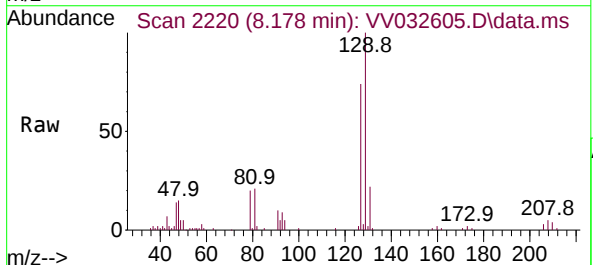
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.6	65.4
57	19.3	14.6	22.0
100	12.2	9.4	14.0

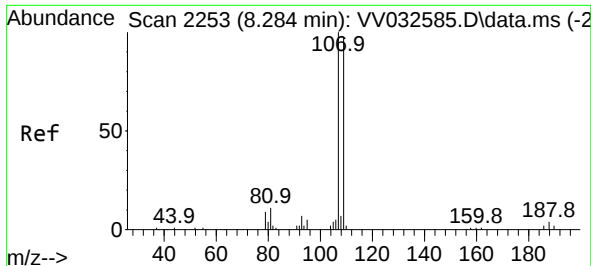


#49
Dibromochloromethane
Concen: 5.255 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 129 Resp: 41239

Ion	Ratio	Lower	Upper
129	100		
127	73.9	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.813 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032605.D

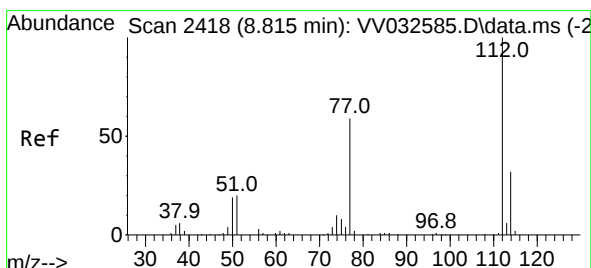
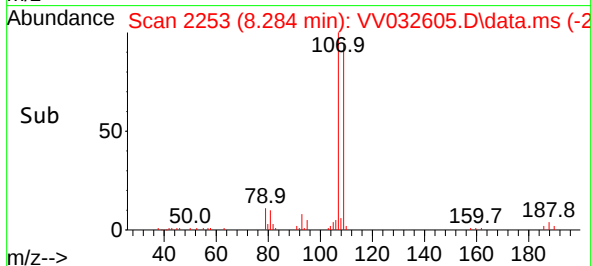
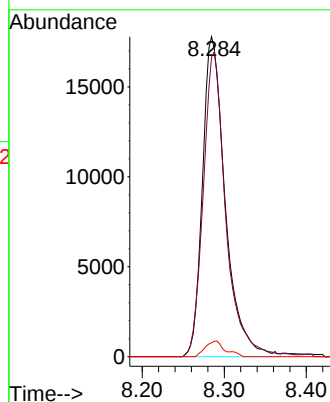
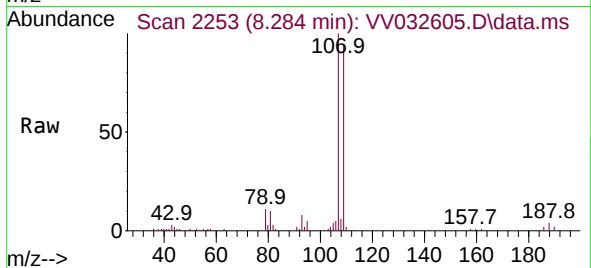
Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	34310
Ion	Ratio	Lower	Upper
107	100		
109	93.7	68.4	127.0
188	4.4	3.2	4.8



#51

Chlorobenzene

Concen: 4.745 ug/L

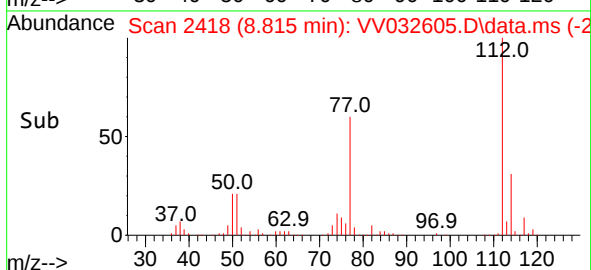
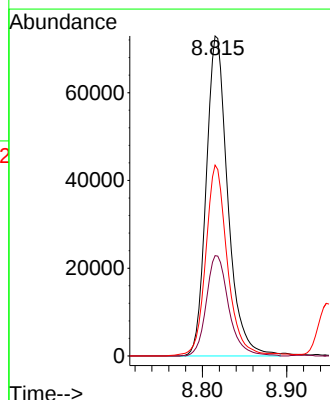
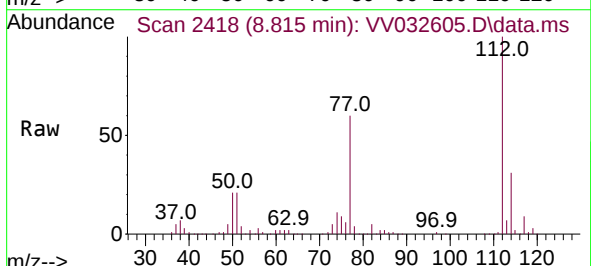
RT: 8.815 min Scan# 2418

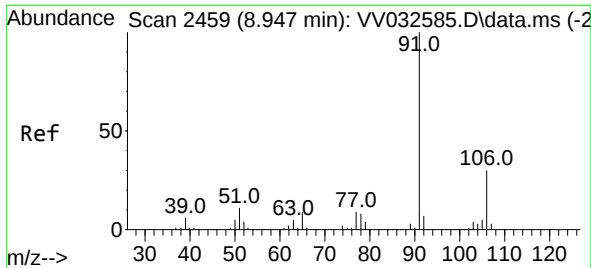
Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Tgt Ion:	112	Resp:	130129
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.1	41.1
77	59.7	46.1	69.1

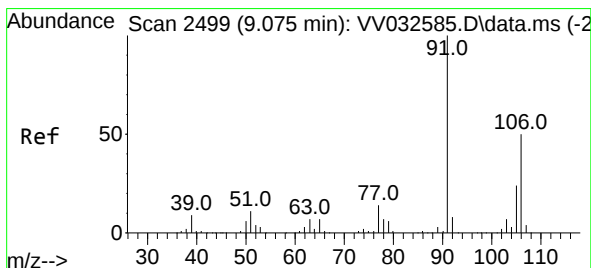
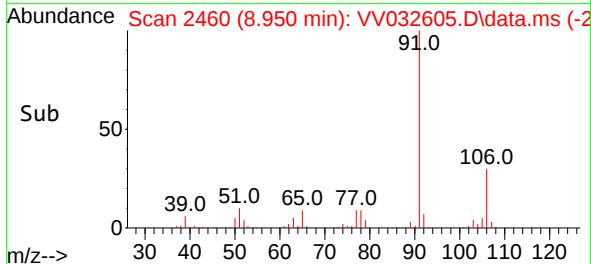
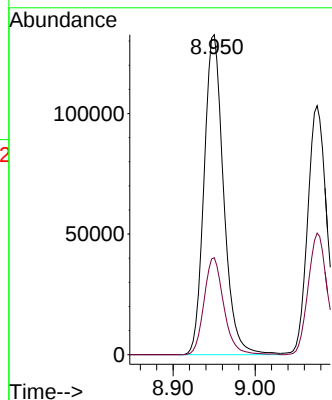
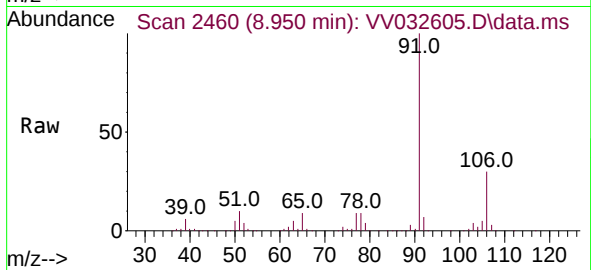




#52
Ethylbenzene
Concen: 4.630 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

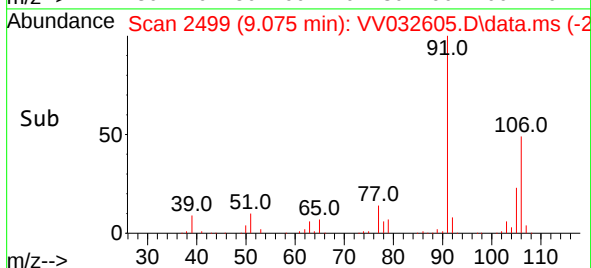
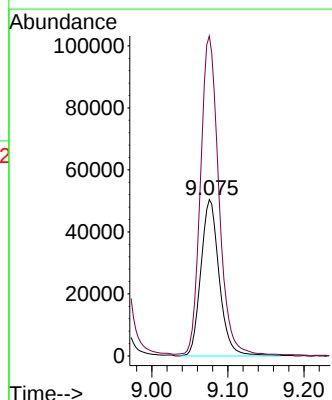
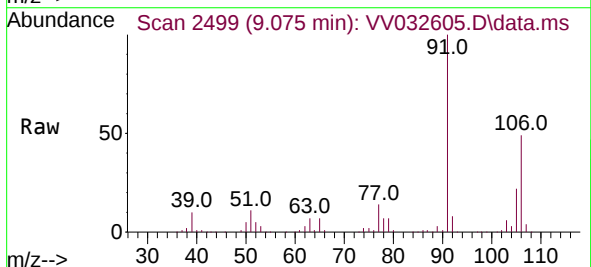
Instrument :
MSVOA_V
ClientSampleId :

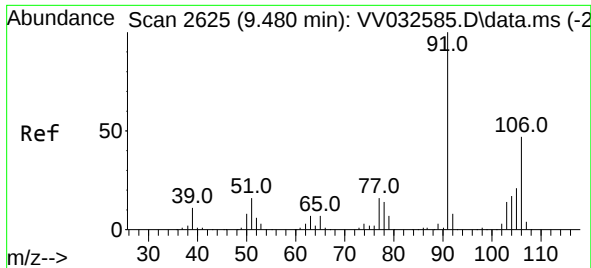
Tgt Ion: 91 Resp: 219568
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 4.808 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 106 Resp: 84578
Ion Ratio Lower Upper
106 100
91 204.7 144.5 268.3

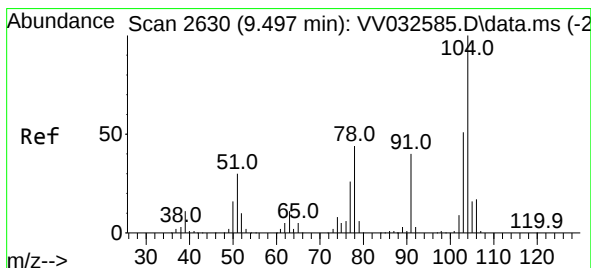
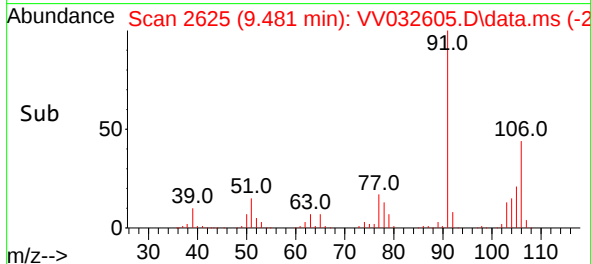
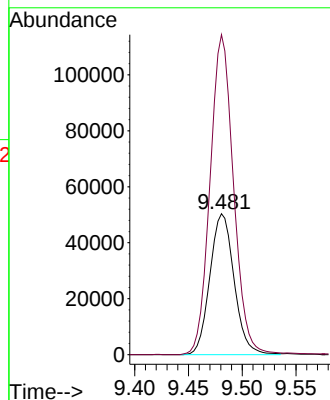
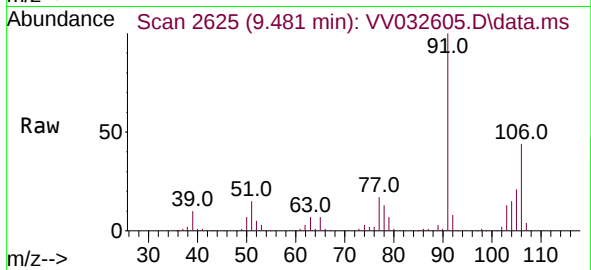




#54
o-Xylene
Concen: 4.664 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

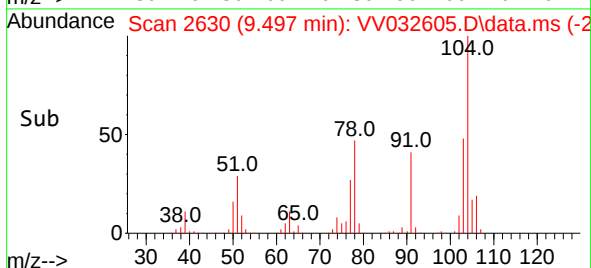
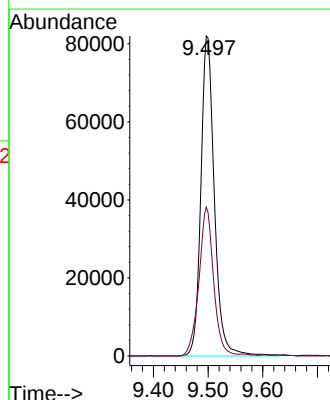
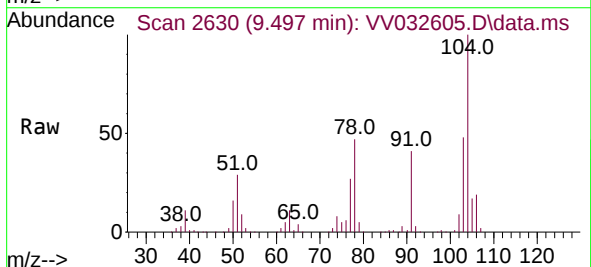
Instrument :
MSVOA_V
ClientSampleId :

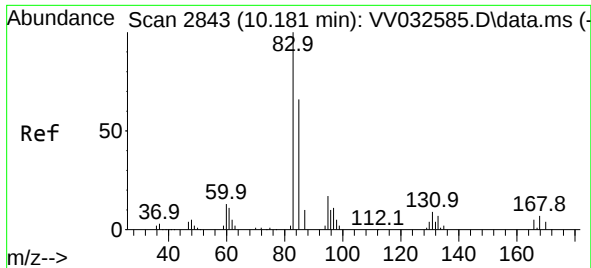
Tgt Ion:106 Resp: 79044
Ion Ratio Lower Upper
106 100
91 226.9 154.8 287.4



#55
Styrene
Concen: 4.918 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion:104 Resp: 140780
Ion Ratio Lower Upper
104 100
78 46.5 29.9 55.5

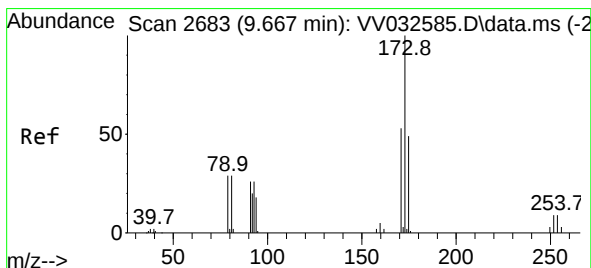
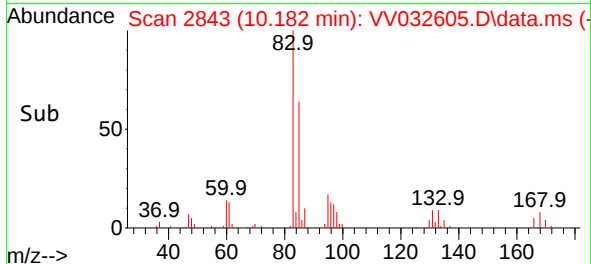
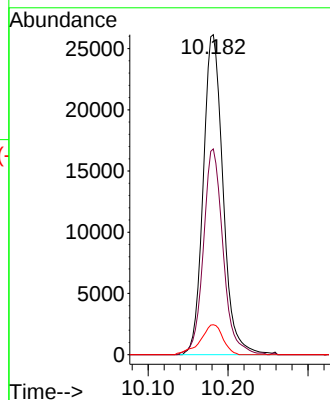
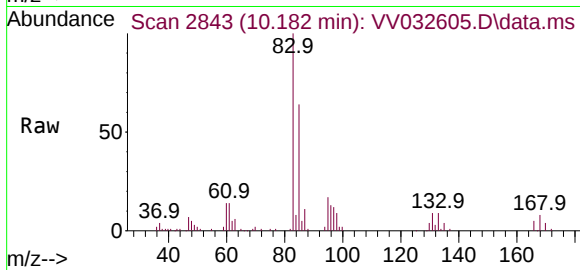




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.431 ug/L
 RT: 10.182 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

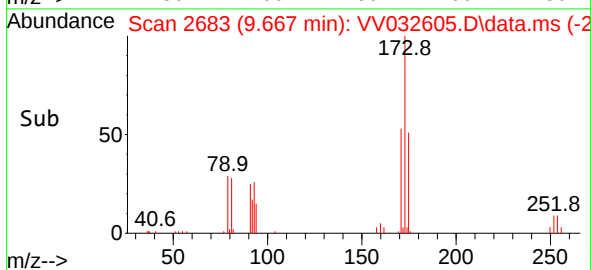
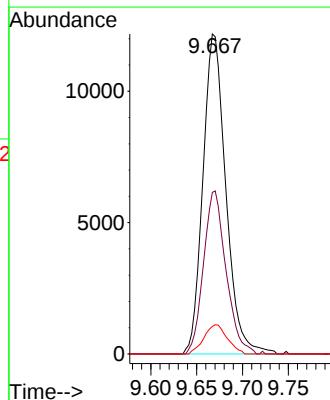
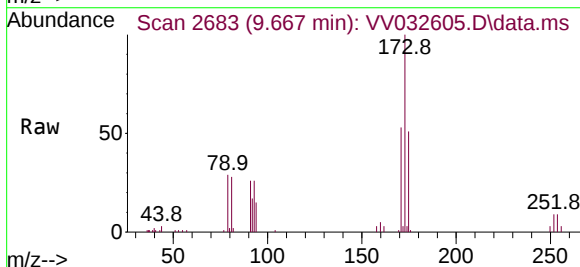
Instrument :
 MSVOA_V
 ClientSampleId :

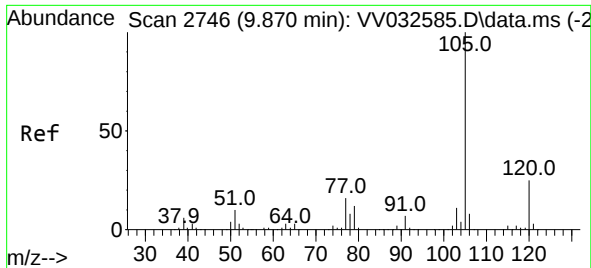
Tgt Ion: 83 Resp: 45043
 Ion Ratio Lower Upper
 83 100
 85 64.3 43.6 81.0
 131 9.3 7.0 10.6



#59
 Bromoform
 Concen: 4.899 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV032605.D
 Acq: 24 Oct 2023 21:20

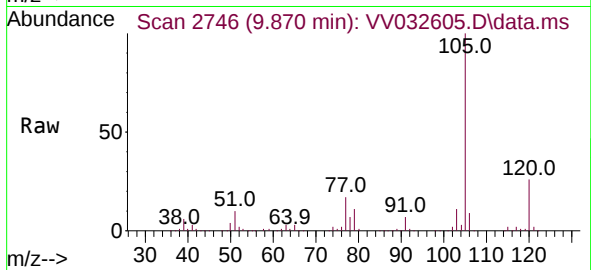
Tgt Ion: 173 Resp: 21212
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.2 57.2
 254 9.3 7.0 10.4



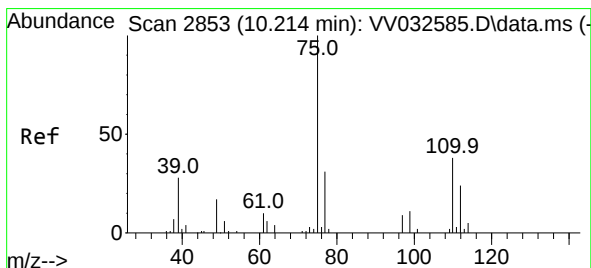
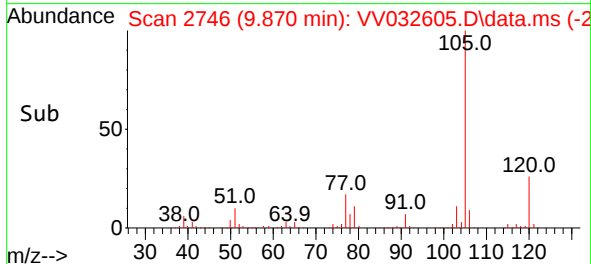
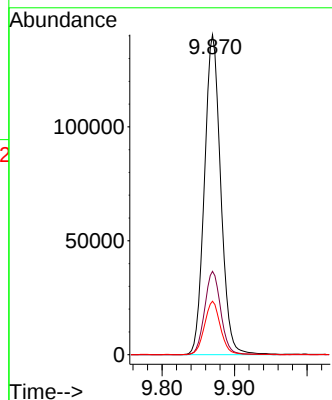


#60
Isopropylbenzene
Concen: 4.742 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Instrument :
MSVOA_V
ClientSampleId :

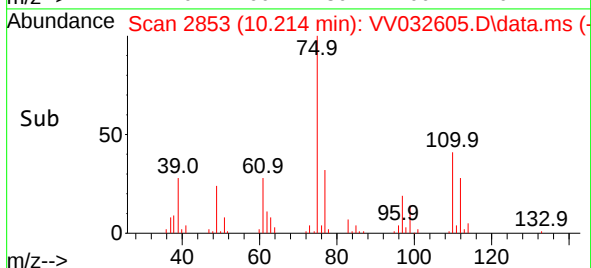
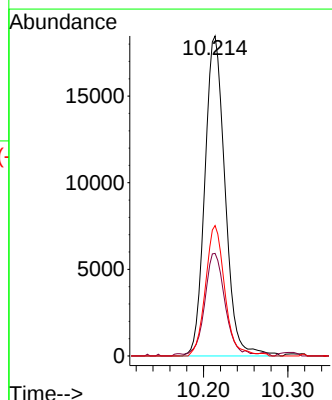
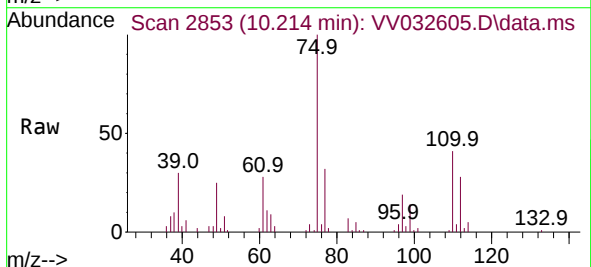


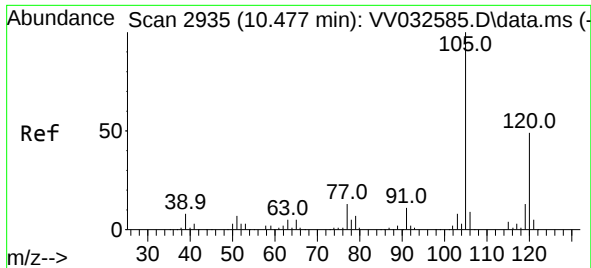
Tgt Ion:105 Resp: 219450
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.877 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

Tgt Ion: 75 Resp: 30909
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.2
110 39.1 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.609 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

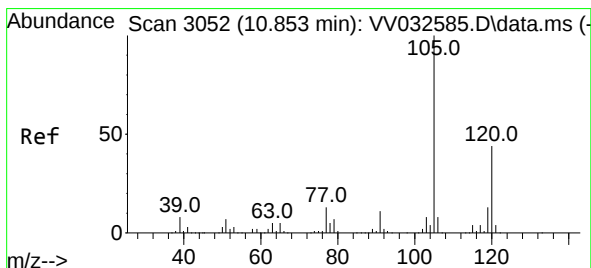
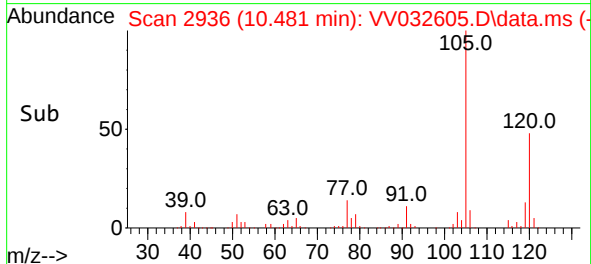
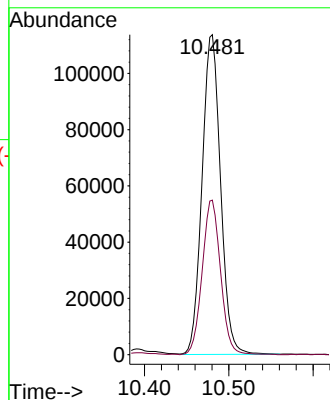
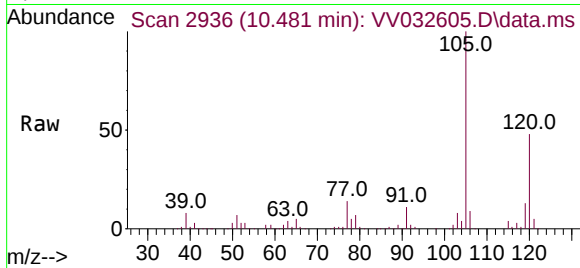
ClientSampleId :

Tgt Ion:105 Resp: 173862

Ion Ratio Lower Upper

105 100

120 48.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.725 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032605.D

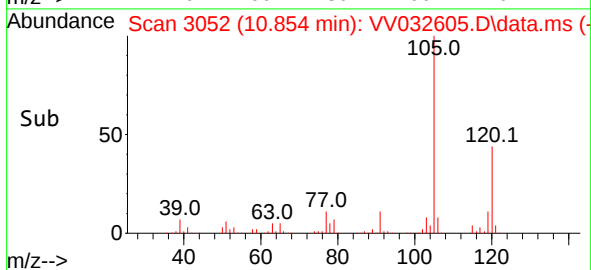
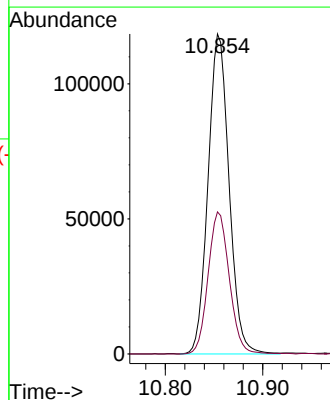
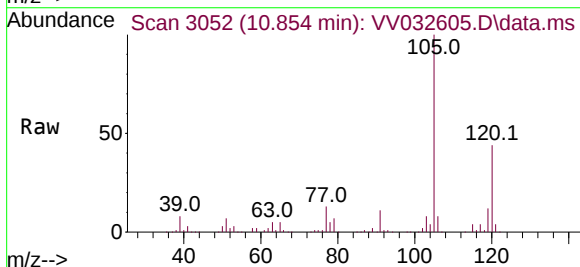
Acq: 24 Oct 2023 21:20

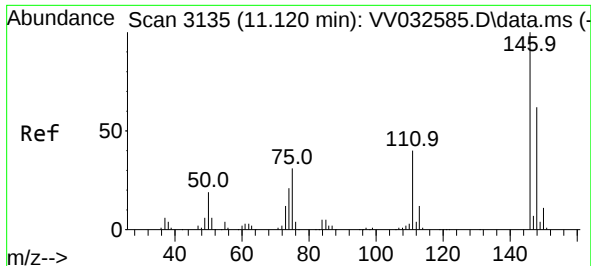
Tgt Ion:105 Resp: 177437

Ion Ratio Lower Upper

105 100

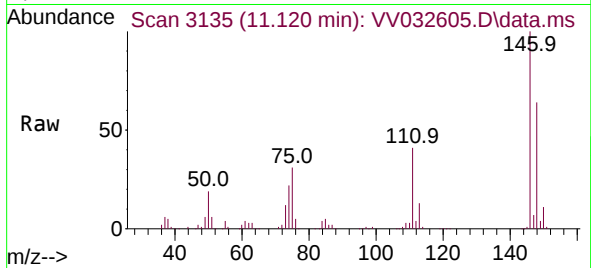
120 44.8 36.2 54.4



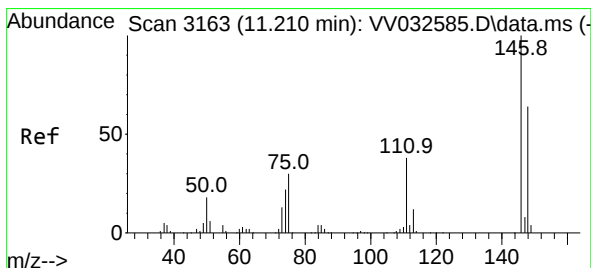
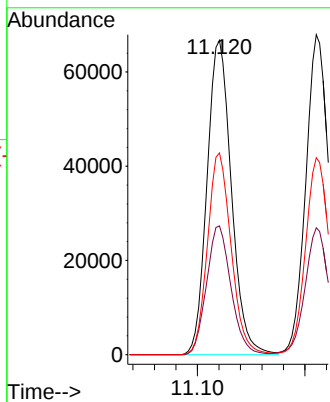
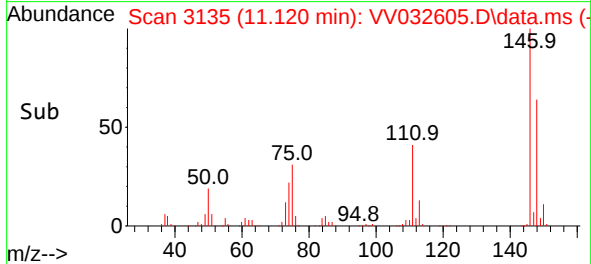


#64
1,3-Dichlorobenzene
Concen: 4.747 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

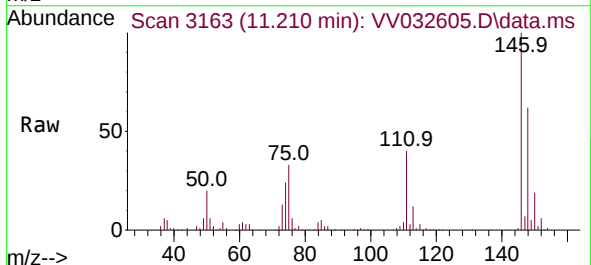
Instrument :
MSVOA_V
ClientSampleId :



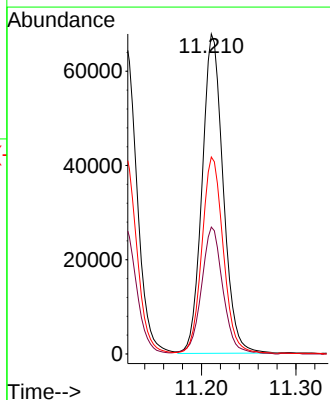
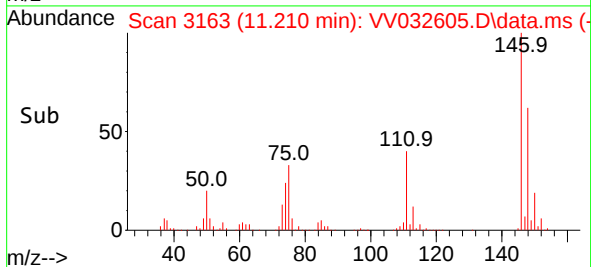
Tgt Ion:146 Resp: 104945
Ion Ratio Lower Upper
146 100
111 41.0 27.8 51.6
148 64.2 43.7 81.1

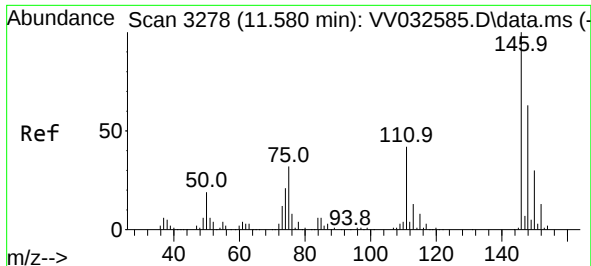


#65
1,4-Dichlorobenzene
Concen: 4.734 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20



Tgt Ion:146 Resp: 104998
Ion Ratio Lower Upper
146 100
111 39.7 26.9 49.9
148 61.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.758 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

ClientSampleId :

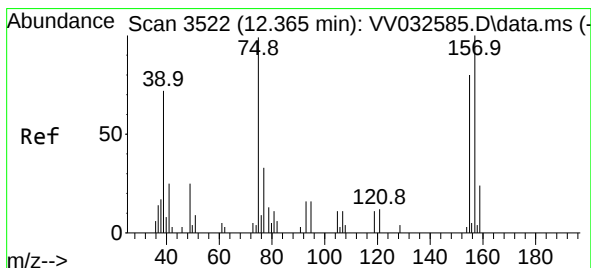
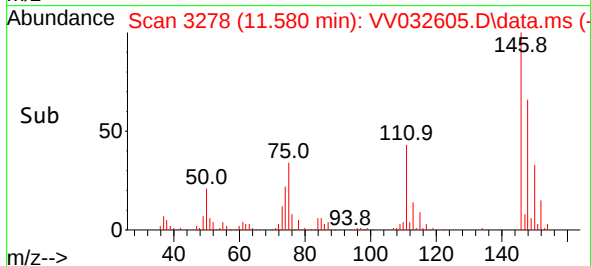
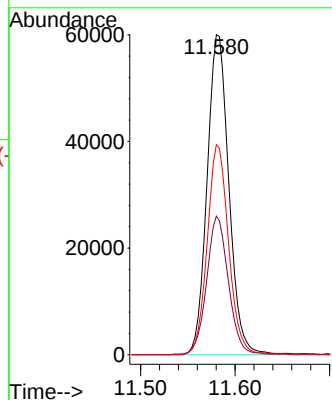
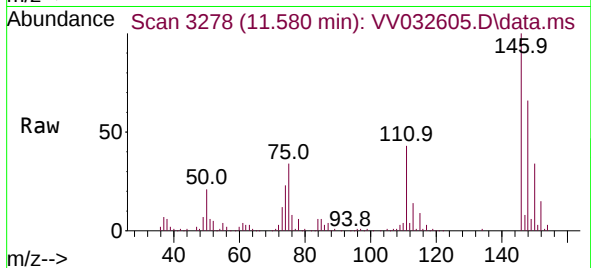
Tgt Ion:146 Resp: 95948

Ion Ratio Lower Upper

146 100

111 43.3 32.8 49.2

148 65.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.324 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

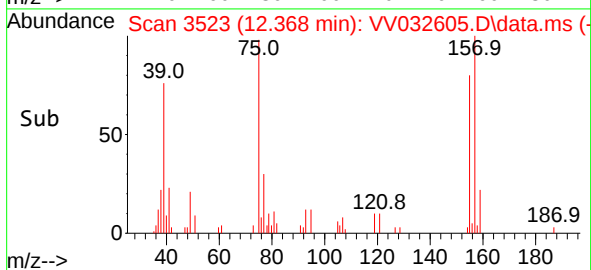
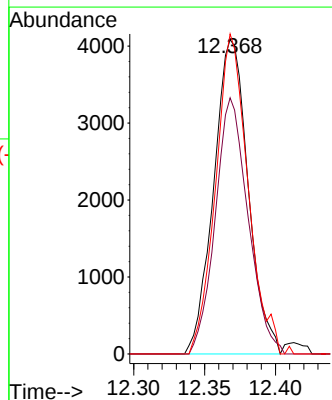
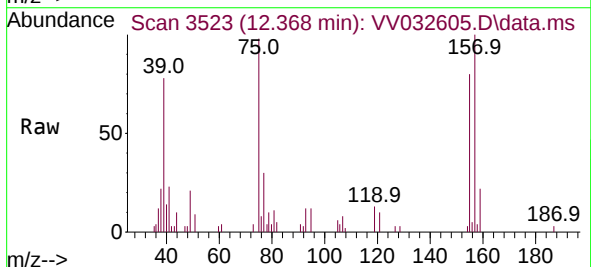
Tgt Ion: 75 Resp: 6895

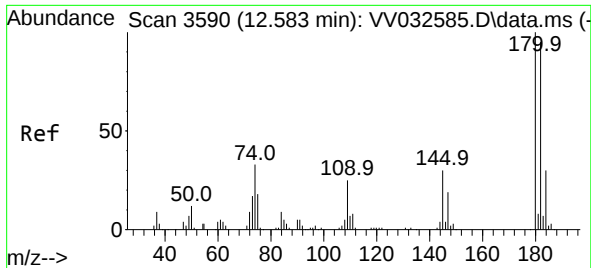
Ion Ratio Lower Upper

75 100

155 81.5 70.2 105.4

157 101.8 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.492 ug/L

RT: 12.587 min Scan# 3590

Delta R.T. 0.003 min

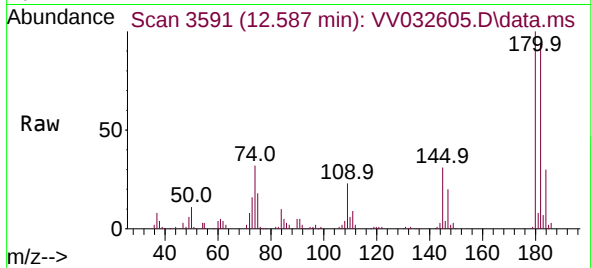
Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 72733

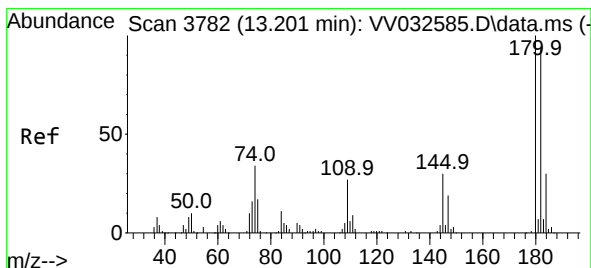
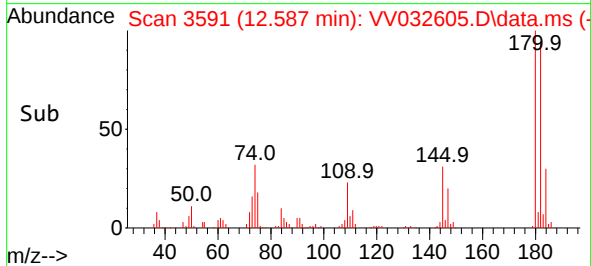
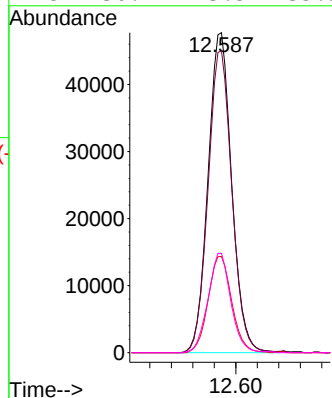
Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

184 30.0 24.1 36.1

145 30.1 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.175 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032605.D

Acq: 24 Oct 2023 21:20

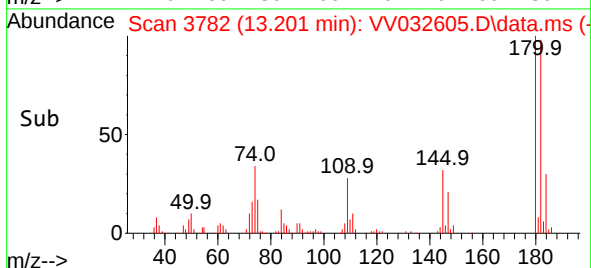
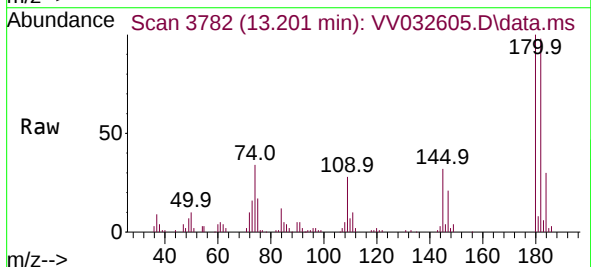
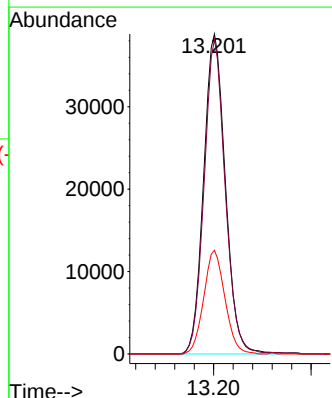
Tgt Ion:180 Resp: 59957

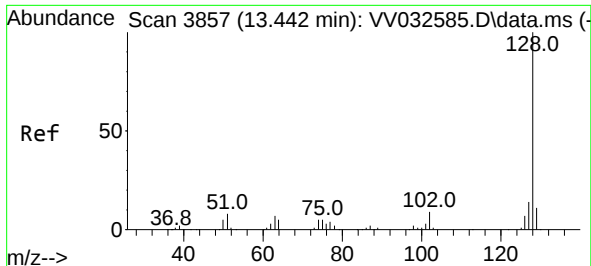
Ion Ratio Lower Upper

180 100

182 95.4 76.5 114.7

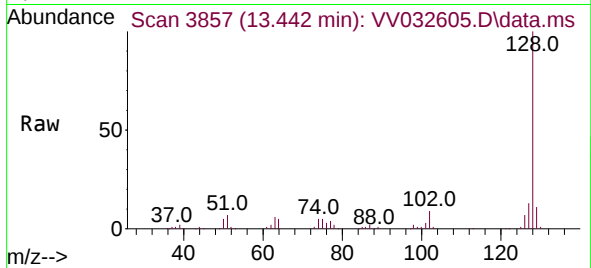
145 31.7 24.3 36.5



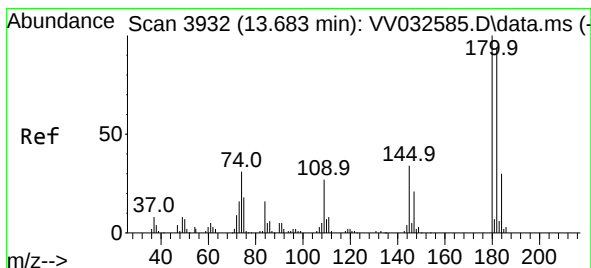
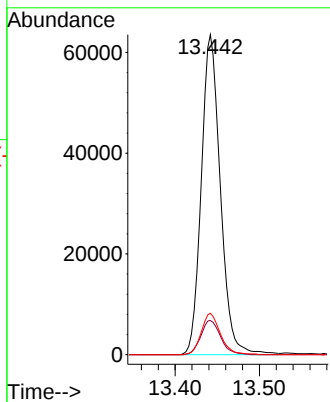
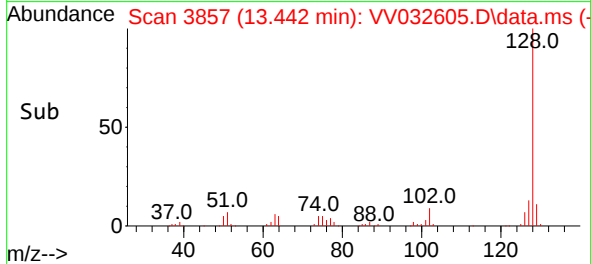


#71
Naphthalene
Concen: 4.108 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20

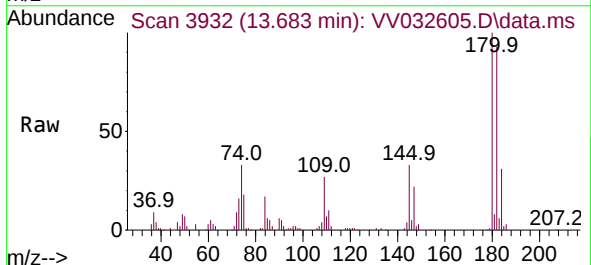
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 100209
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.525 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032605.D
Acq: 24 Oct 2023 21:20



Tgt Ion:180 Resp: 55997
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
145 33.2 25.7 38.5

