

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110223\
 Data File : VV032825.D
 Acq On : 01 Nov 2023 15:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 02:23:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	127812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	81596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47711	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.532	69	44782	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.056	65	21418	4.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.809	46	116890	51.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	4.249	84	106559	6.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.200%
26) 1,2-Dichloroethane-d4	4.944	65	50657	5.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	4.960	84	192787	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
36) 1,2-Dichloropropane-d6	5.989	67	55362	5.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.243	98	202340	5.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
43) trans-1,3-Dichloroprop...	7.554	79	24293	5.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.027	63	101206	58.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	53270	6.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	74888	5.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	73138	5.575	ug/L	99
3) Chloromethane	1.214	50	77321	4.996	ug/L	98
5) Vinyl chloride	1.281	62	79174	5.155	ug/L	97
6) Bromomethane	1.487	94	46236	5.158	ug/L	95
8) Chloroethane	1.548	64	52260	5.202	ug/L	100
9) Trichlorofluoromethane	1.712	101	119876	5.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66527	5.456	ug/L	99
12) 1,1-Dichloroethene	2.069	96	62162	5.442	ug/L	87
13) Acetone	2.140	43	101819	45.500	ug/L	90
14) Carbon disulfide	2.240	76	194198	5.366	ug/L	100
15) Methyl Acetate	2.384	43	22461	5.012	ug/L	99
16) Methylene chloride	2.445	84	70943	5.046	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	128599	5.214	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	61690	5.461	ug/L	97
19) 1,1-Dichloroethane	3.111	63	105399	5.263	ug/L	96
21) 2-Butanone	3.892	43	139713	47.225	ug/L	89
22) cis-1,2-Dichloroethene	3.815	96	61494	5.369	ug/L	94
23) Bromochloromethane	4.149	128	30459	5.717	ug/L	93
25) Chloroform	4.275	83	123584	5.676	ug/L	99

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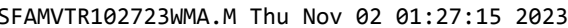
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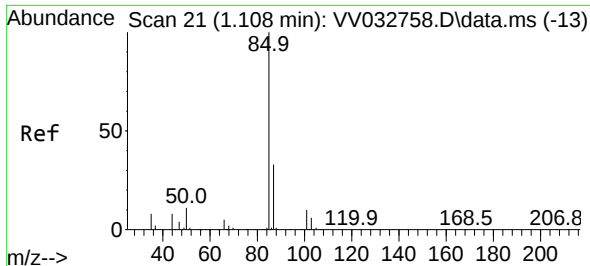
Quant Time: Nov 02 01:27:06 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	70867	5.237	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	104677	5.610	ug/L	98
30) Cyclohexane	4.580	56	79153	5.033	ug/L	96
31) Carbon tetrachloride	4.735	117	90446	5.572	ug/L	100
33) Benzene	5.008	78	253368	5.557	ug/L	100
34) Trichloroethene	5.834	95	63548	5.217	ug/L	96
35) Methylcyclohexane	6.050	83	98055	5.387	ug/L	99
37) 1,2-Dichloropropane	6.095	63	56355	5.122	ug/L	99
38) Bromodichloromethane	6.432	83	83901	5.162	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	92175	5.503	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	384933	54.221	ug/L	98
42) Toluene	7.313	91	304675	5.751	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	79913	5.544	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	52021	5.598	ug/L	98
47) Tetrachloroethene	7.905	164	62440	5.800	ug/L	98
48) 2-Hexanone	8.079	43	287397	55.349	ug/L	99
49) Dibromochloromethane	8.178	129	61849	5.611	ug/L	99
50) 1,2-Dibromoethane	8.284	107	47677	5.498	ug/L	100
51) Chlorobenzene	8.815	112	195257	5.579	ug/L	98
52) Ethylbenzene	8.947	91	313310	5.626	ug/L	98
53) m,p-Xylene	9.075	106	119769	5.679	ug/L	97
54) o-Xylene	9.480	106	116662	5.703	ug/L	97
55) Styrene	9.496	104	205858	6.074	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	60292	5.563	ug/L	96
59) Bromoform	9.667	173	33385	5.215	ug/L	98
60) Isopropylbenzene	9.869	105	291527	5.264	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	40564	4.701	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	231820	5.121	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	237936	5.319	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	165053	5.555	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	161611	5.479	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	149501	5.471	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	9047	4.387	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	115323	5.437	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	92264	5.127	ug/L	99
71) Naphthalene	13.442	128	124061	4.350	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	83955	5.305	ug/L	99

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

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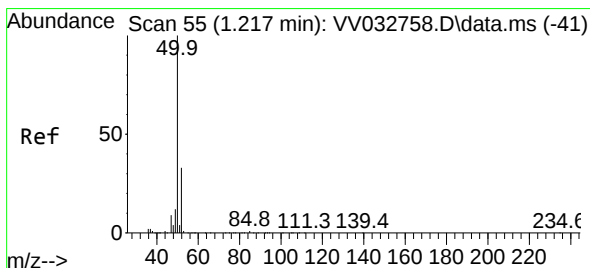
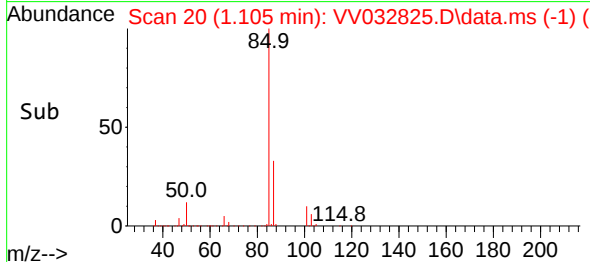
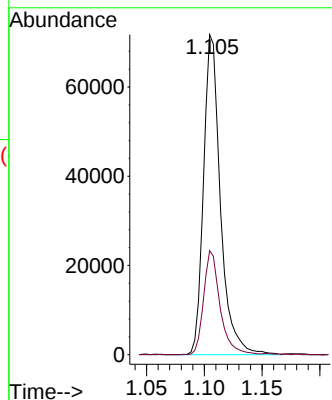
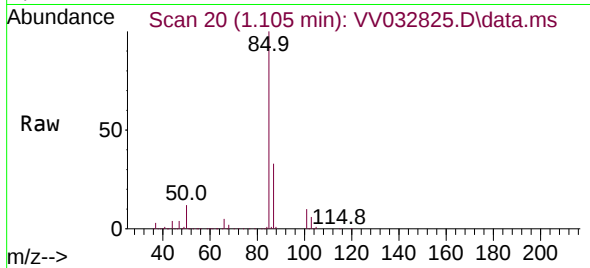




#2
 Dichlorodifluoromethane
 Concen: 5.575 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

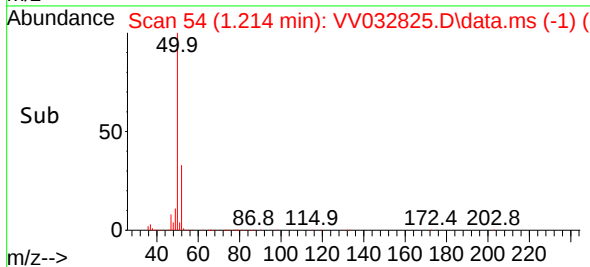
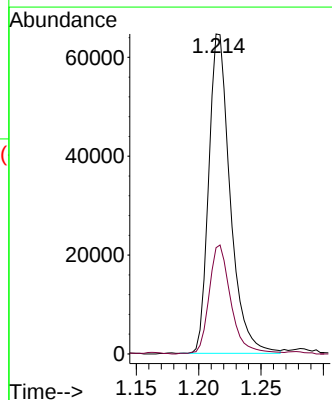
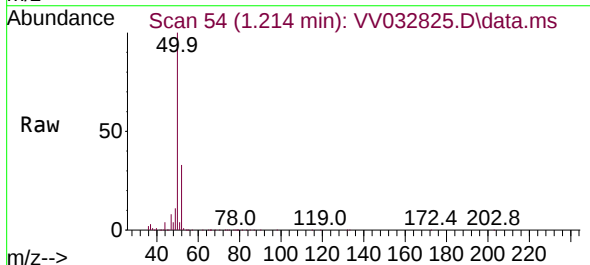
Instrument :
 MSVOA_V
 ClientSampleId :

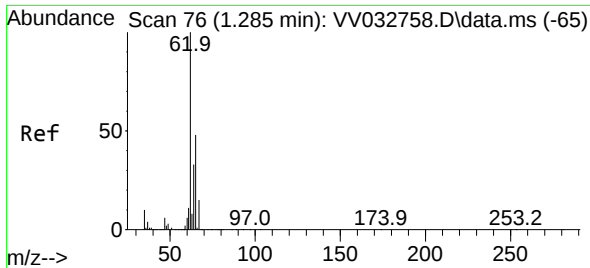
Tgt Ion: 85 Resp: 73138
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 4.996 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

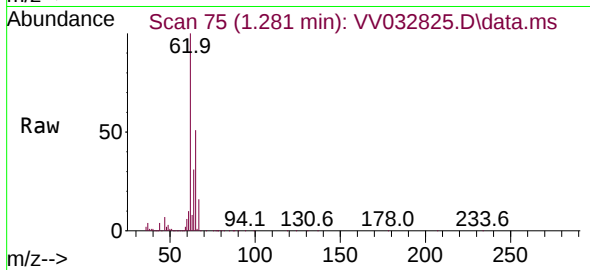
Tgt Ion: 50 Resp: 77321
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.3 41.5



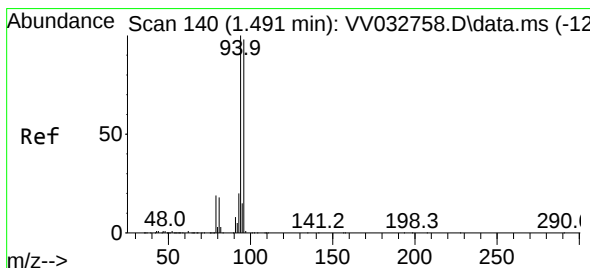
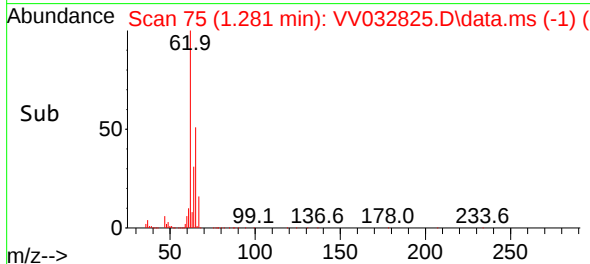
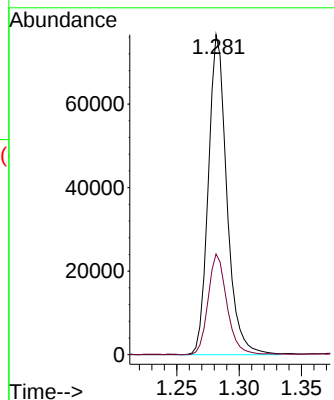


#5
 Vinyl chloride
 Concen: 5.155 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

Instrument :
 MSVOA_V
 ClientSampleId :

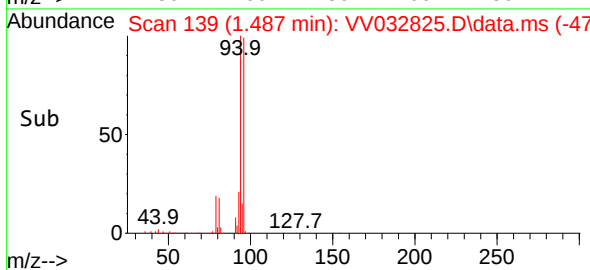
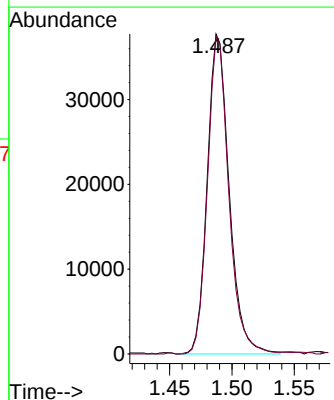
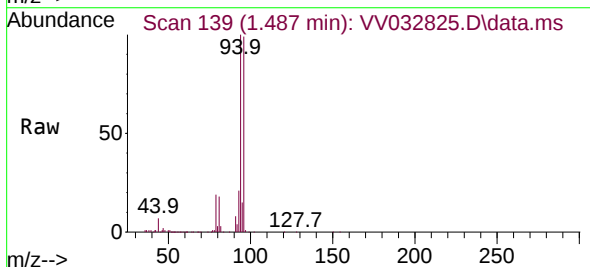


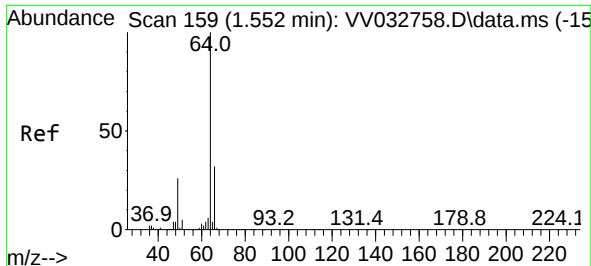
Tgt Ion: 62 Resp: 79174
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.2 43.0



#6
 Bromomethane
 Concen: 5.158 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

Tgt Ion: 94 Resp: 46236
 Ion Ratio Lower Upper
 94 100
 96 99.2 66.4 123.2

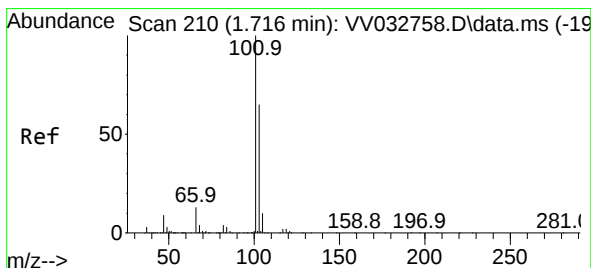
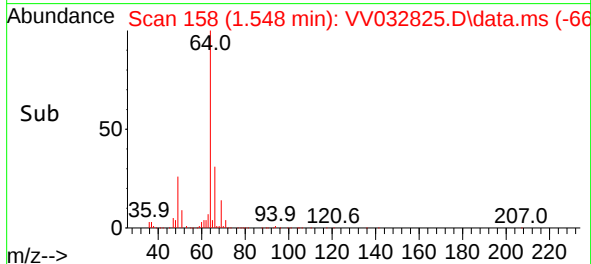
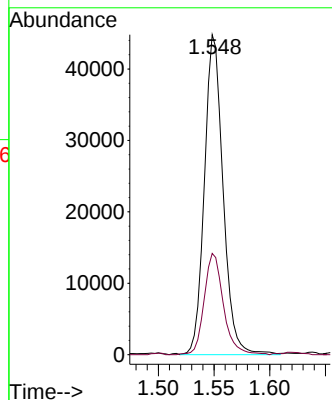
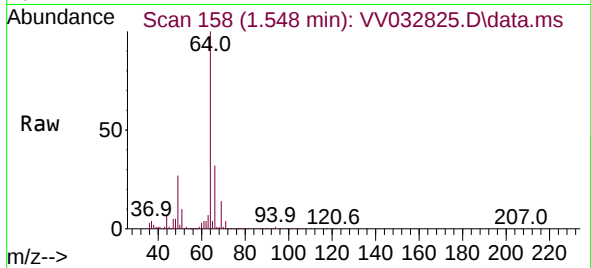




#8
Chloroethane
Concen: 5.202 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

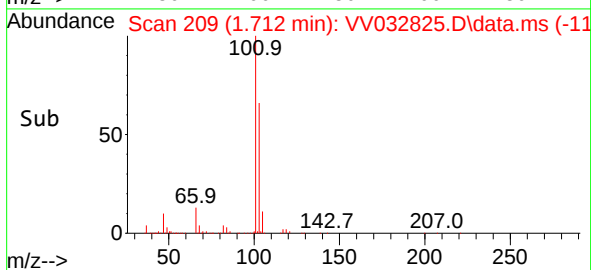
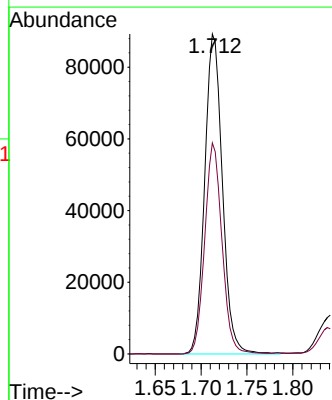
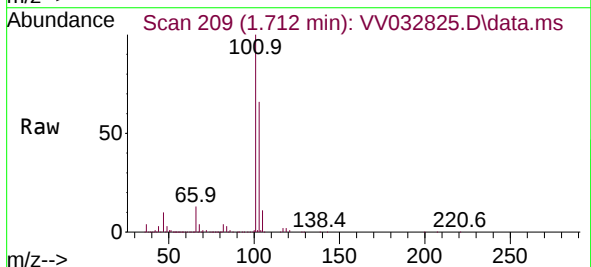
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ClientSampleId :

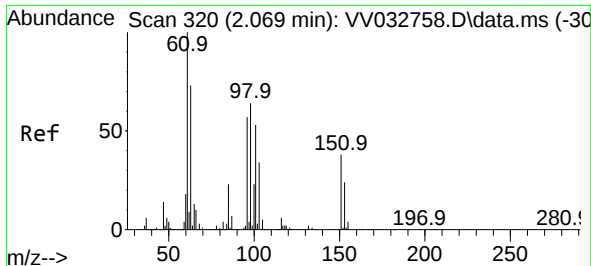
Tgt Ion: 64 Resp: 52260
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.797 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 101 Resp: 119876
Ion Ratio Lower Upper
101 100
103 64.2 52.1 78.1

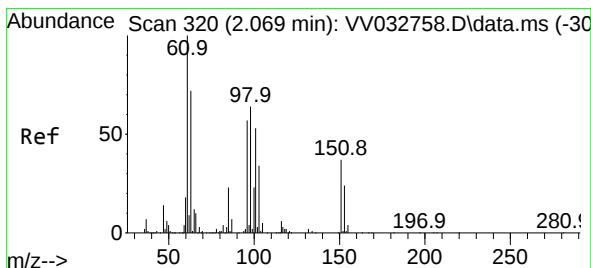
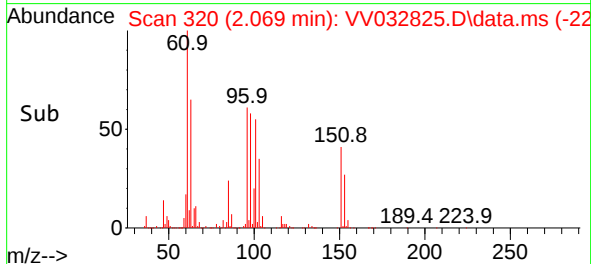
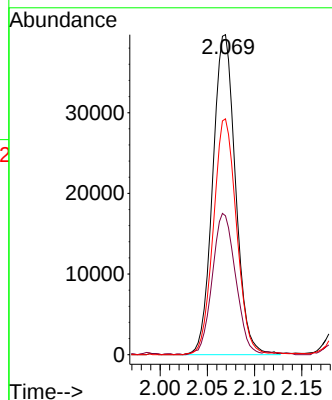
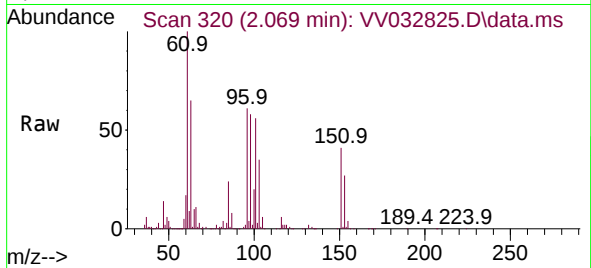




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.456 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

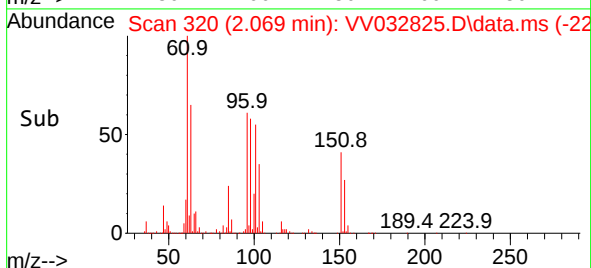
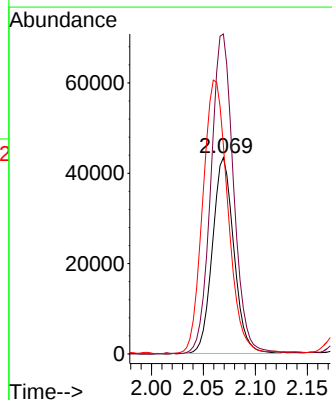
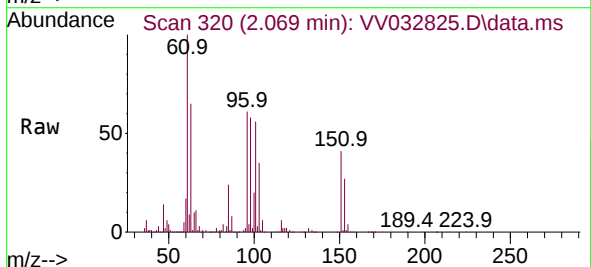
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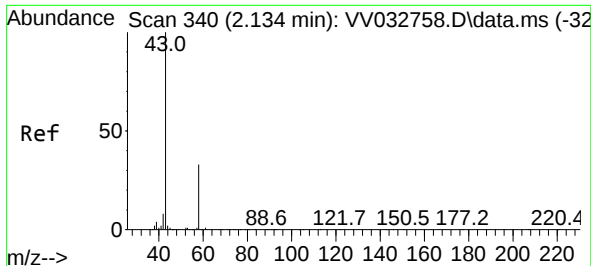
Tgt Ion:101 Resp: 66527
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.2 54.4
 151 74.8 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 5.442 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

Tgt Ion: 96 Resp: 62162
 Ion Ratio Lower Upper
 96 100
 61 162.9 122.3 227.1
 63 106.3 89.4 166.0





#13

Acetone

Concen: 45.500 ug/L

RT: 2.140 min Scan# 34

Delta R.T. 0.006 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

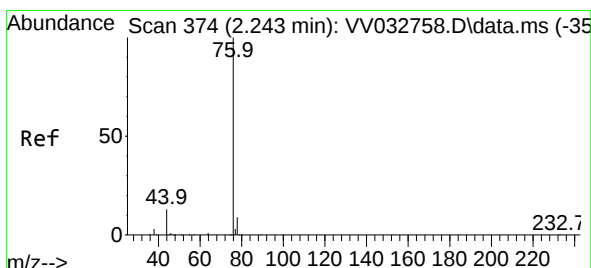
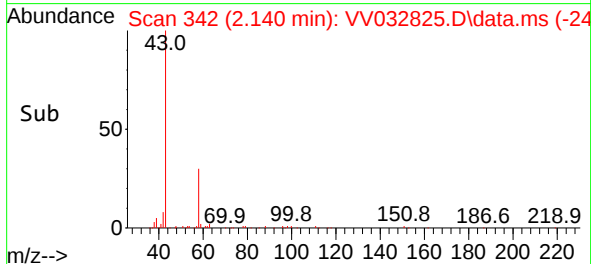
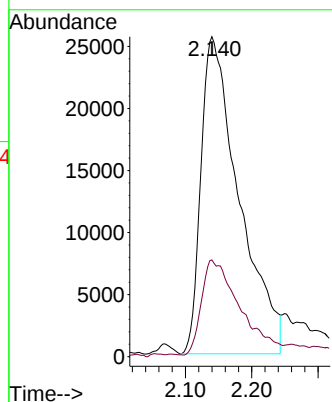
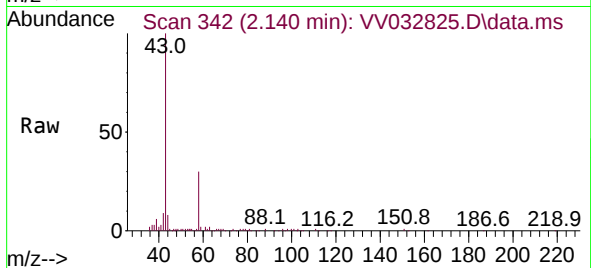
ClientSampleId :

Tgt Ion: 43 Resp: 101819

Ion Ratio Lower Upper

43 100

58 30.5 0.0 50.6



#14

Carbon disulfide

Concen: 5.366 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV032825.D

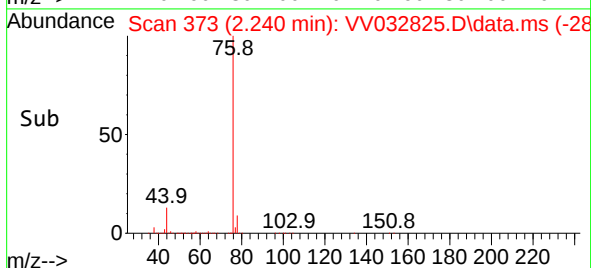
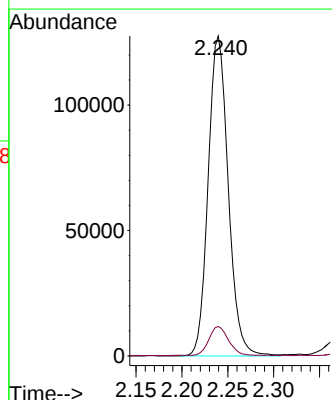
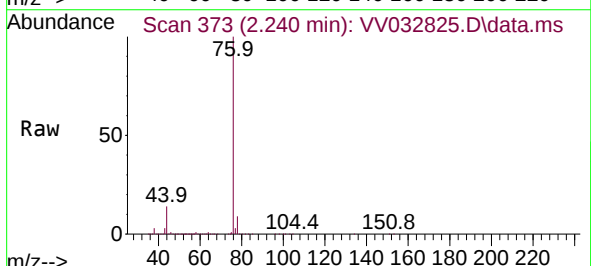
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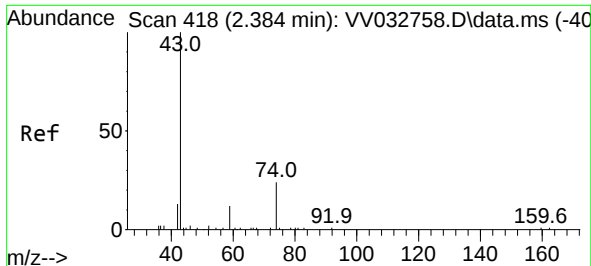
Tgt Ion: 76 Resp: 194198

Ion Ratio Lower Upper

76 100

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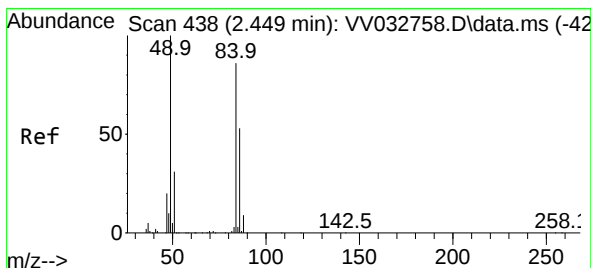
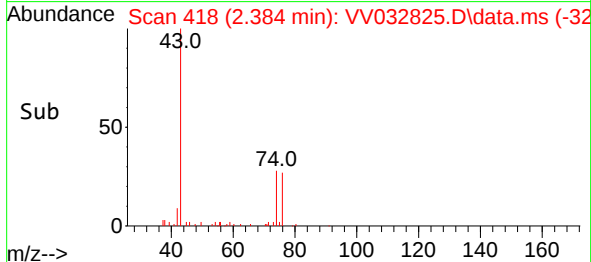
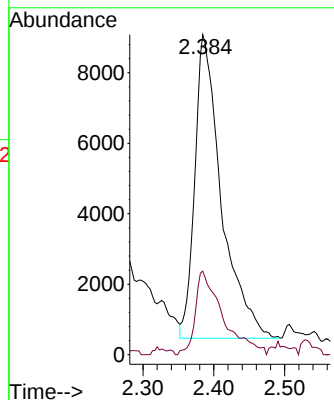
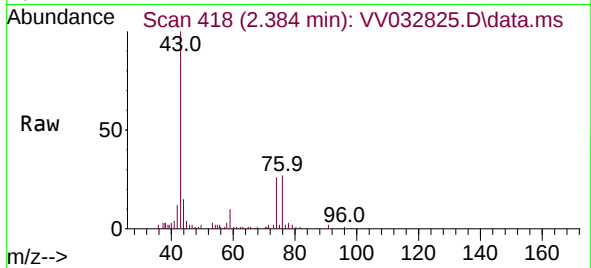




#15
Methyl Acetate
Concen: 5.012 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

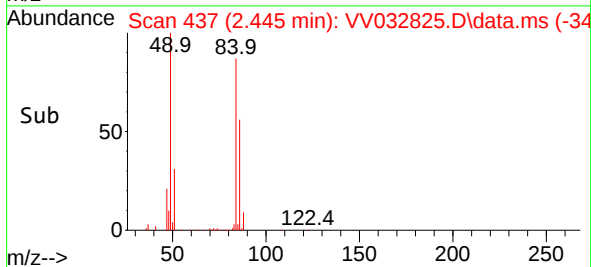
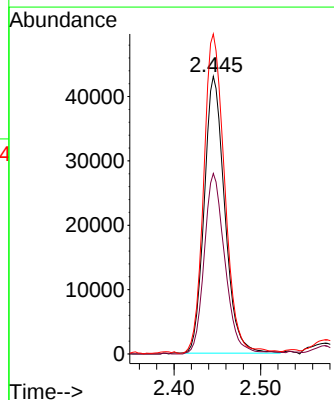
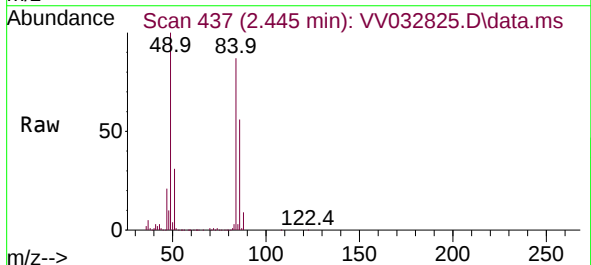
Instrument :
MSVOA_V
ClientSampleId :

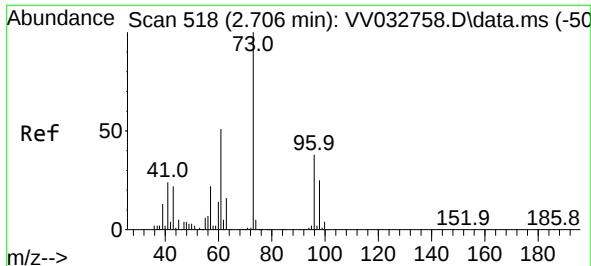
Tgt Ion: 43 Resp: 22461
Ion Ratio Lower Upper
43 100
74 28.4 23.1 34.7



#16
Methylene chloride
Concen: 5.046 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 84 Resp: 70943
Ion Ratio Lower Upper
84 100
86 65.0 44.8 83.2
49 115.3 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 5.214 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

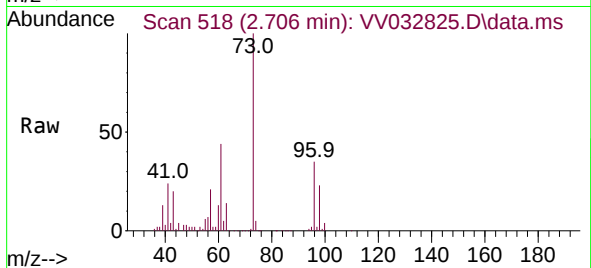
Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :



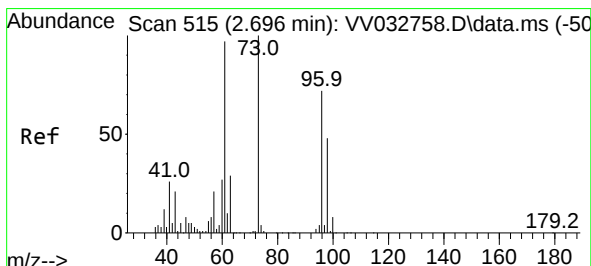
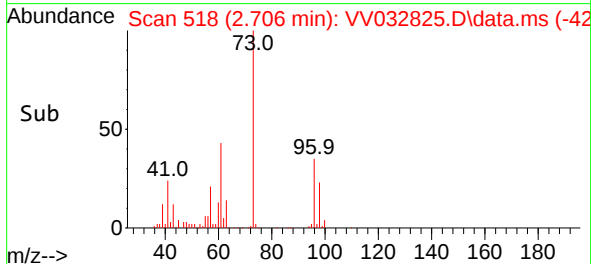
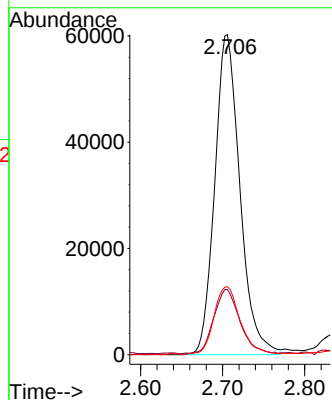
Tgt Ion: 73 Resp: 128599

Ion Ratio Lower Upper

73 100

43 20.6 16.6 24.8

57 22.2 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.461 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

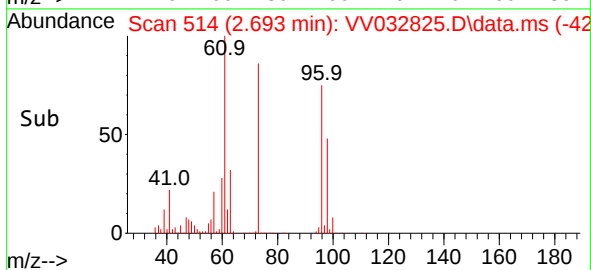
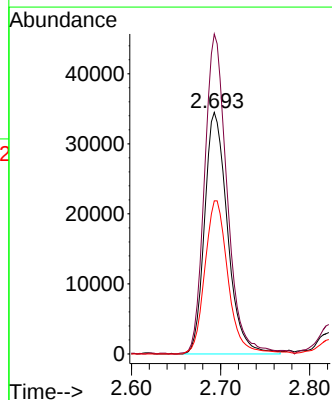
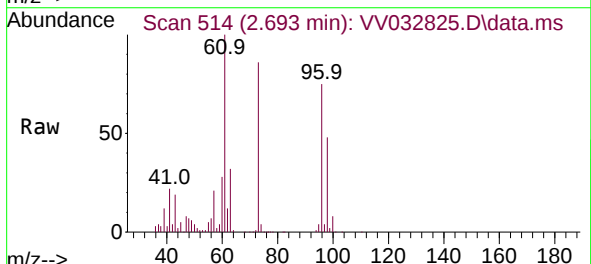
Tgt Ion: 96 Resp: 61690

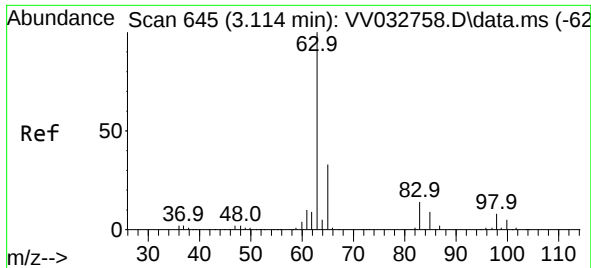
Ion Ratio Lower Upper

96 100

61 132.5 88.7 164.7

98 63.4 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.263 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

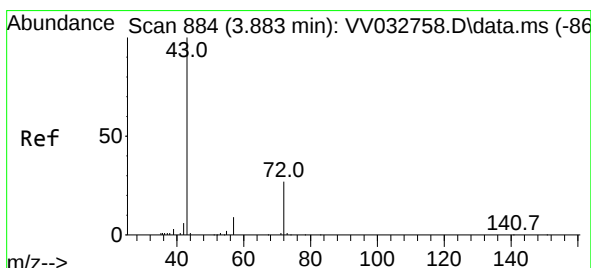
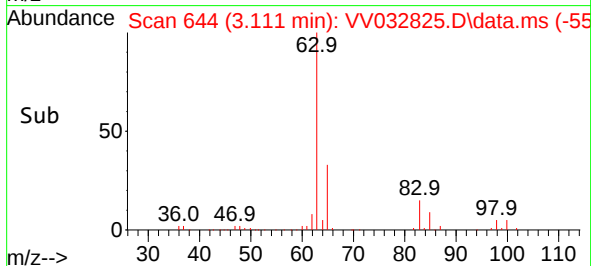
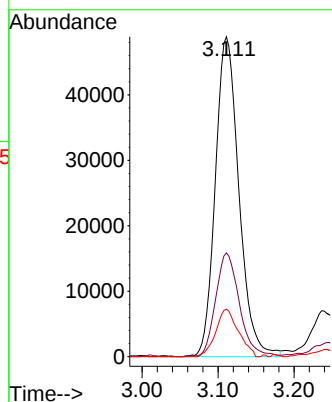
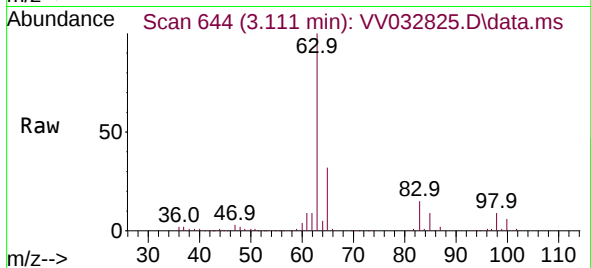
Tgt Ion: 63 Resp: 105399

Ion Ratio Lower Upper

63 100

65 32.4 21.5 39.9

83 14.9 9.2 17.0



#21

2-Butanone

Concen: 47.225 ug/L

RT: 3.892 min Scan# 887

Delta R.T. 0.009 min

Lab File: VV032825.D

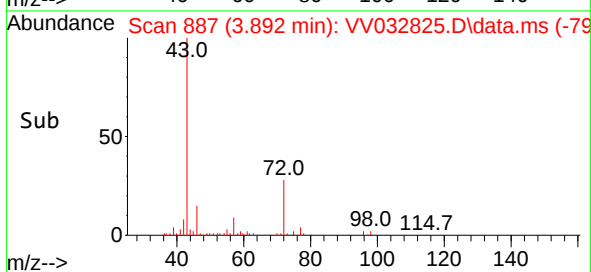
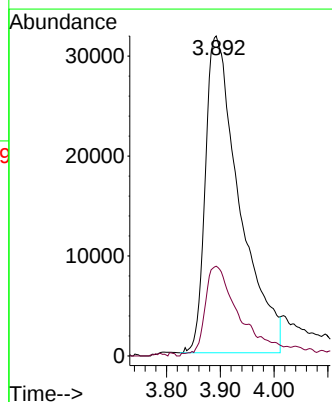
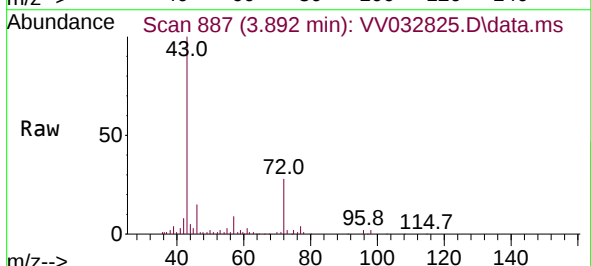
Acq: 01 Nov 2023 15:00

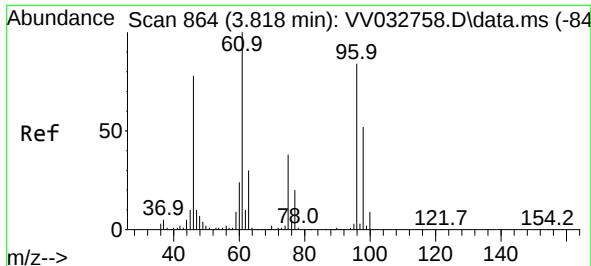
Tgt Ion: 43 Resp: 139713

Ion Ratio Lower Upper

43 100

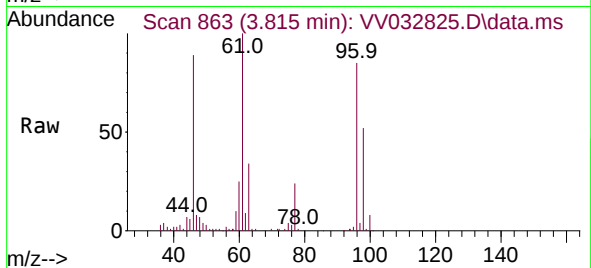
72 25.7 10.4 31.2





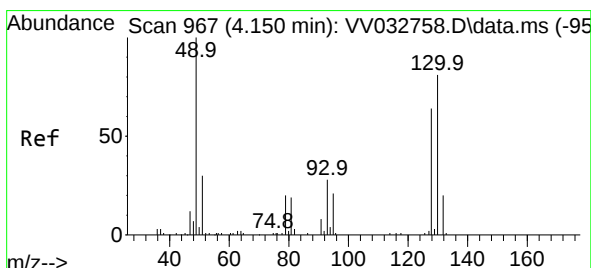
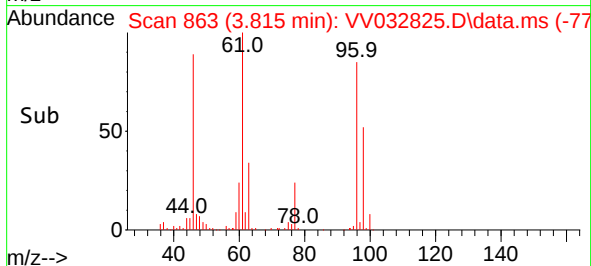
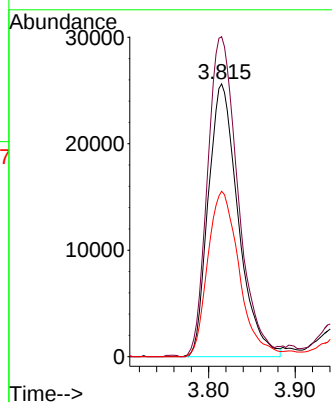
#22
 cis-1,2-Dichloroethene
 Concen: 5.369 ug/L
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 61494

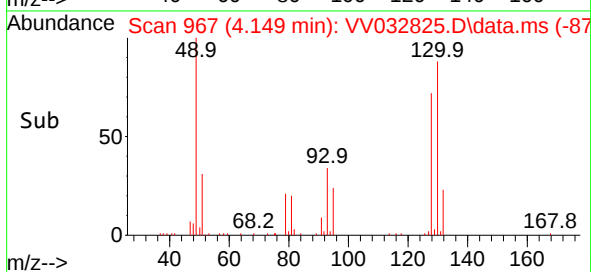
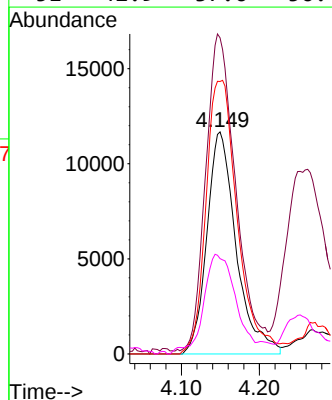
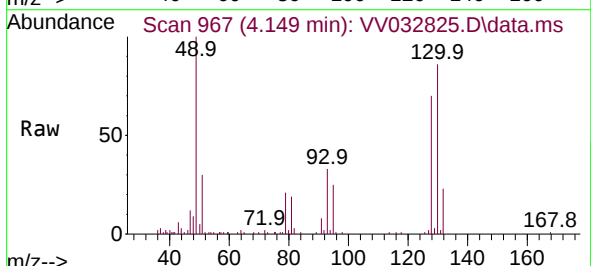
Ion	Ratio	Lower	Upper
96	100		
61	117.3	87.7	162.9
98	60.7	45.0	83.6

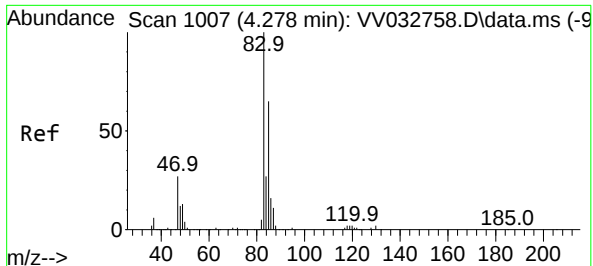


#23
 Bromochloromethane
 Concen: 5.717 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

Tgt Ion: 128 Resp: 30459

Ion	Ratio	Lower	Upper
128	100		
49	142.4	110.4	205.0
130	122.7	86.8	161.2
51	42.9	37.6	56.4

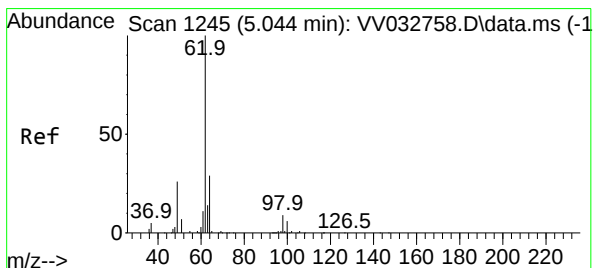
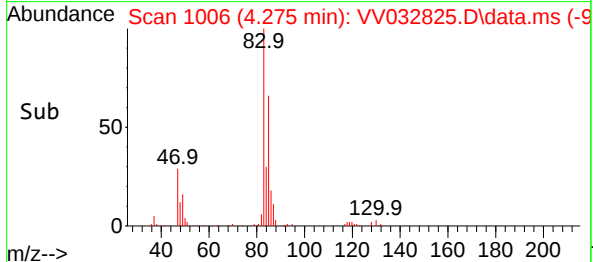
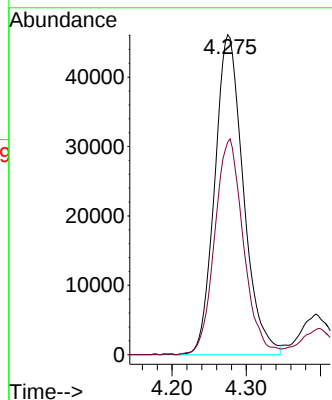
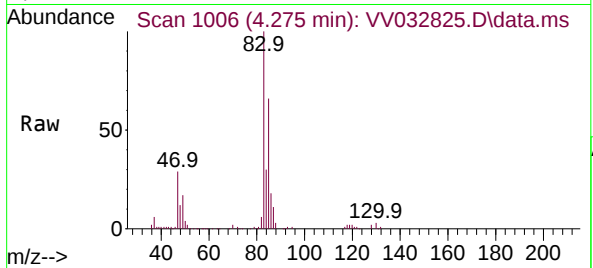




#25
Chloroform
Concen: 5.676 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

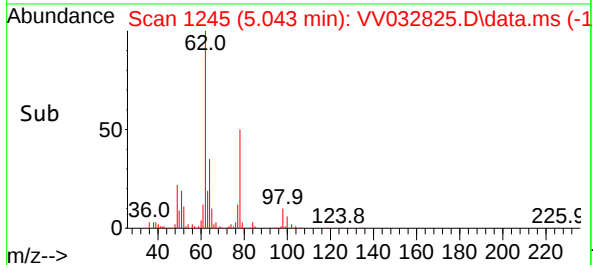
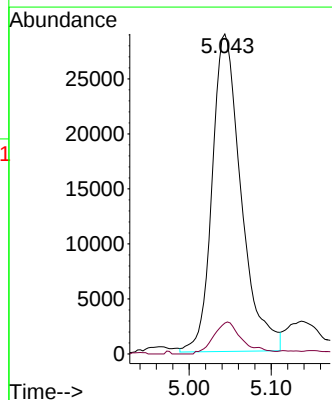
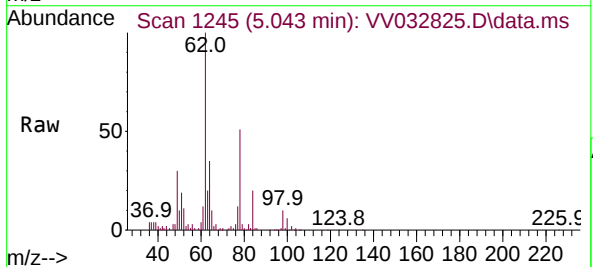
Instrument :
MSVOA_V
ClientSampleId :

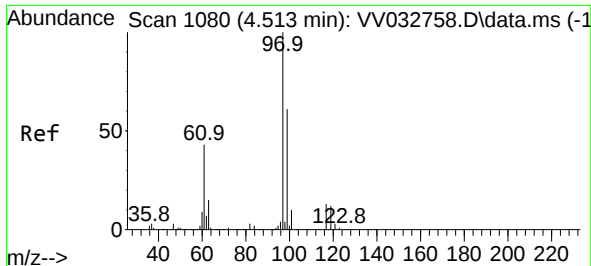
Tgt Ion: 83 Resp: 123584
Ion Ratio Lower Upper
83 100
85 66.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.237 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 62 Resp: 70867
Ion Ratio Lower Upper
62 100
98 9.7 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.610 ug/L

RT: 4.510 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

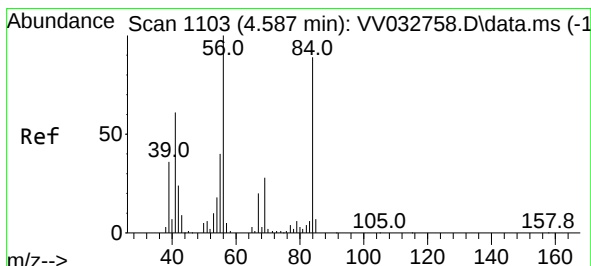
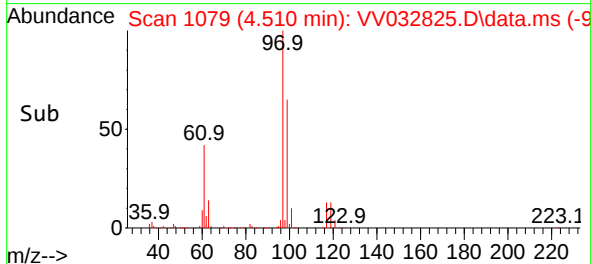
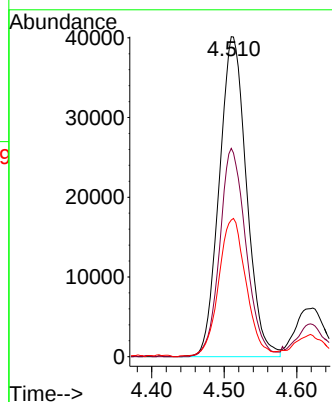
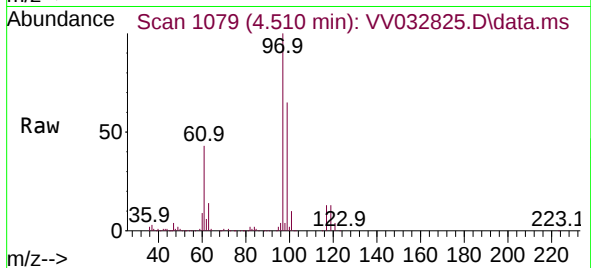
Tgt Ion: 97 Resp: 104677

Ion Ratio Lower Upper

97 100

99 62.8 51.4 77.0

61 43.6 36.1 54.1



#30

Cyclohexane

Concen: 5.033 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.007 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

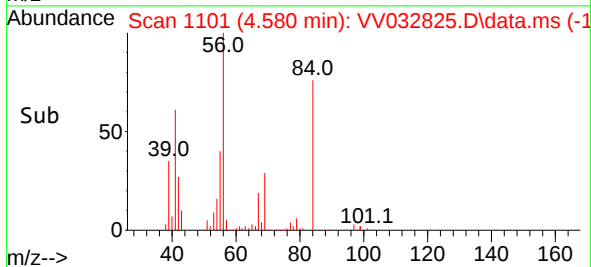
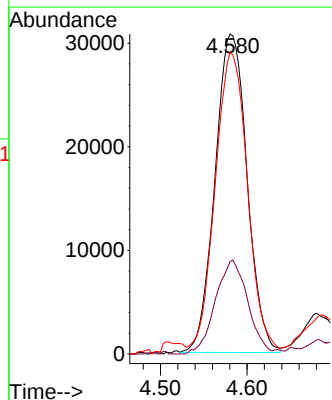
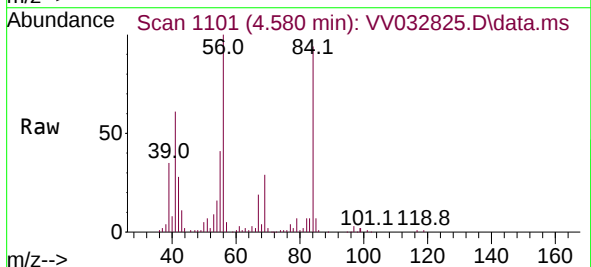
Tgt Ion: 56 Resp: 79153

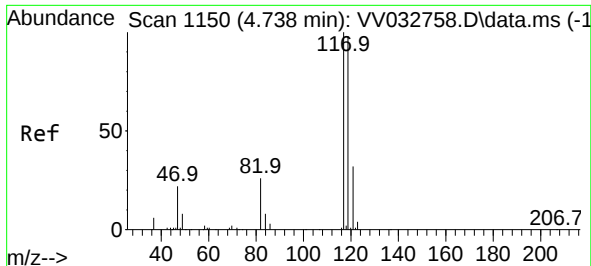
Ion Ratio Lower Upper

56 100

69 29.6 25.0 37.6

84 95.8 72.9 109.3

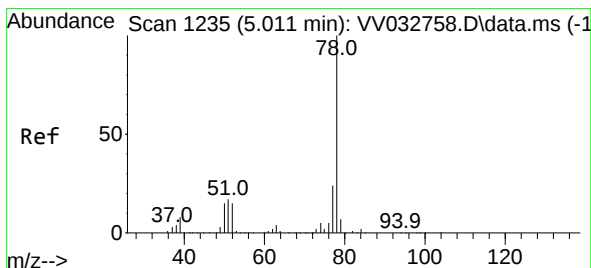
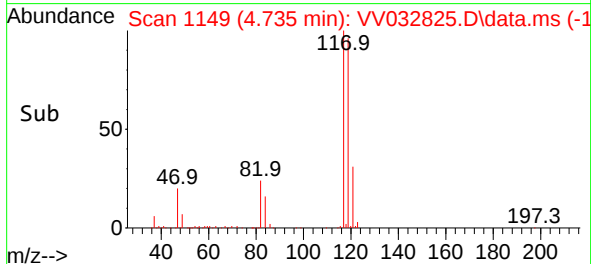
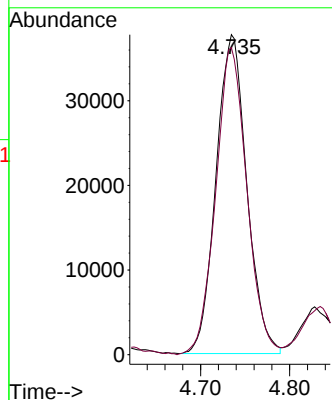
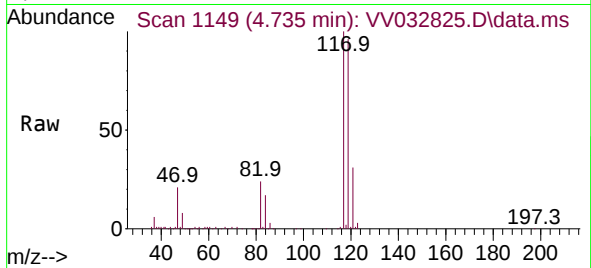




#31
Carbon tetrachloride
Concen: 5.572 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

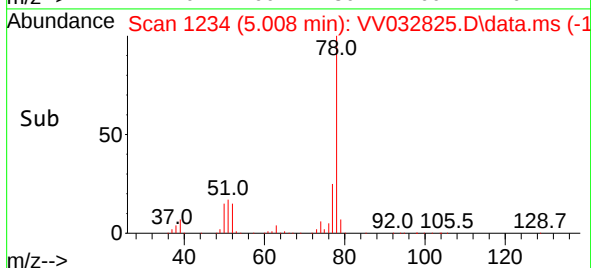
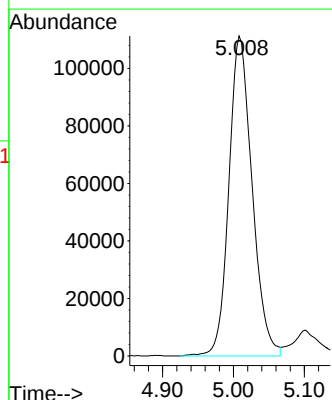
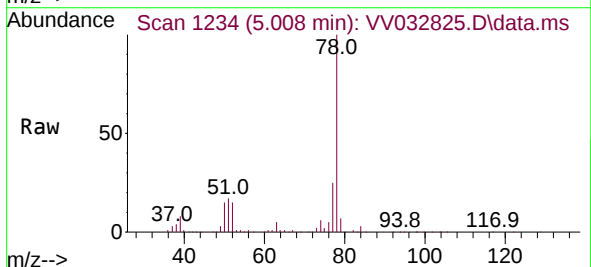
Instrument :
MSVOA_V
ClientSampleId :

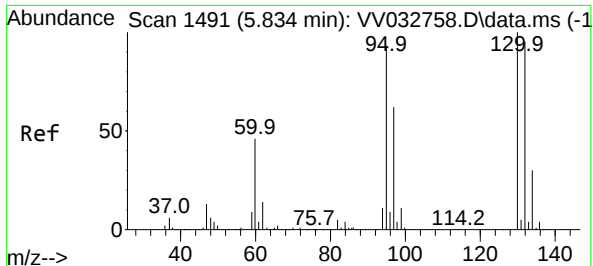
Tgt Ion:117 Resp: 90446
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.6



#33
Benzene
Concen: 5.557 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 78 Resp: 253368



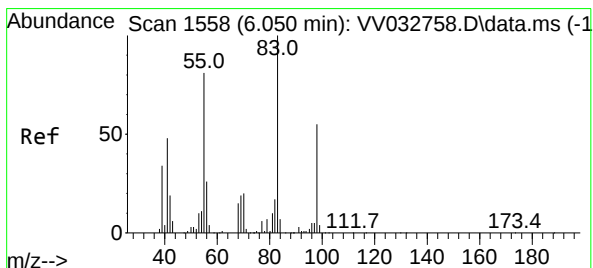
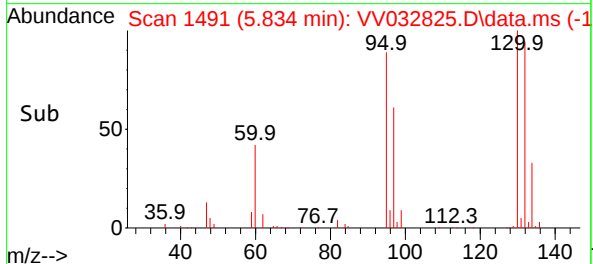
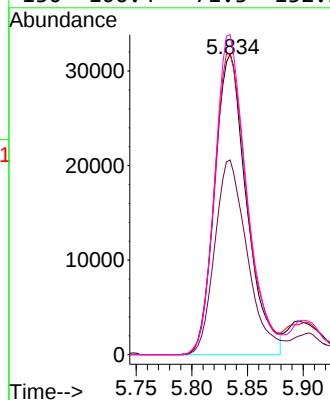
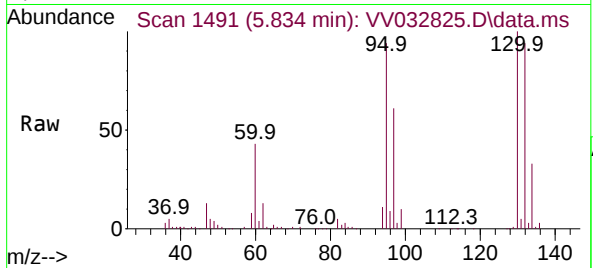


#34
Trichloroethene
Concen: 5.217 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 63548

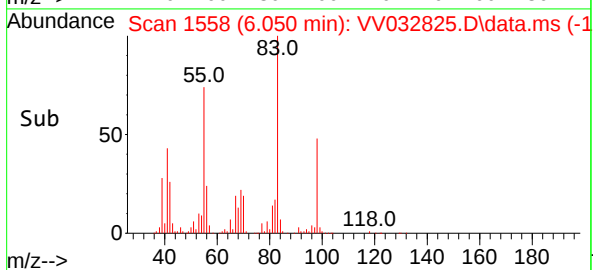
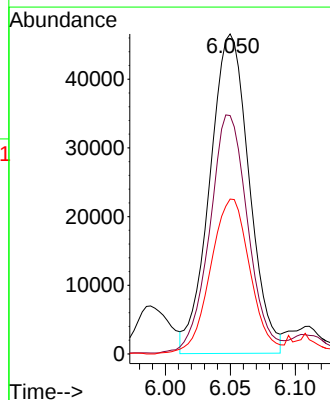
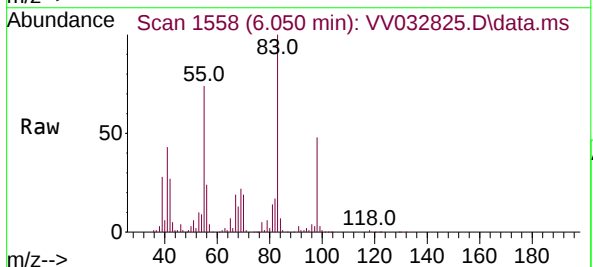
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.0	81.8
132	100.1	66.9	124.3
130	106.4	71.3	132.3

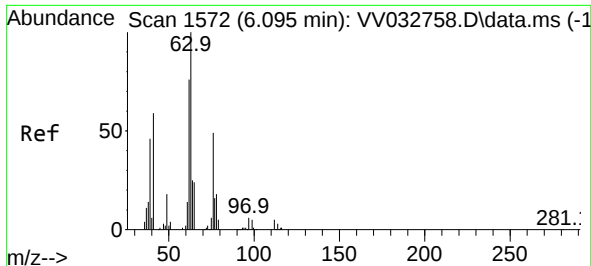


#35
Methylcyclohexane
Concen: 5.387 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 83 Resp: 98055

Ion	Ratio	Lower	Upper
83	100		
55	72.6	59.6	89.4
98	48.9	39.1	58.7

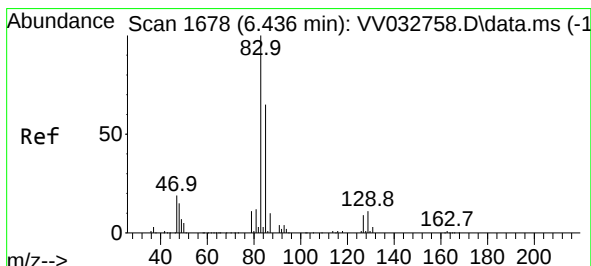
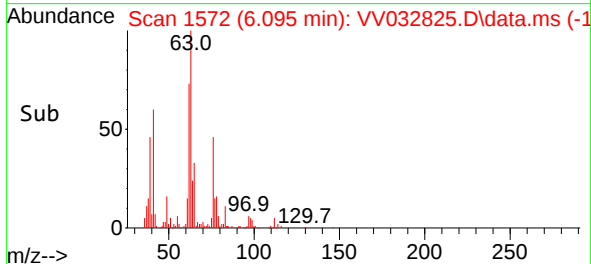
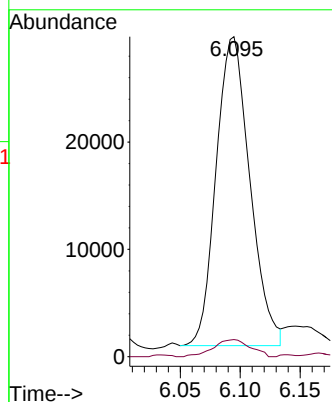
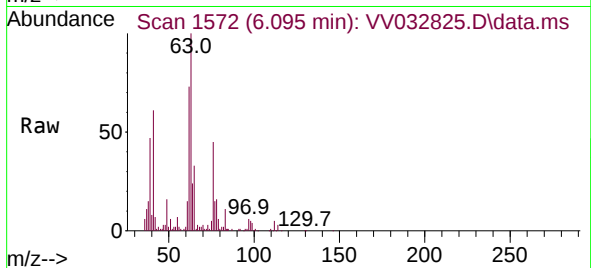




#37
1,2-Dichloropropane
Concen: 5.122 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

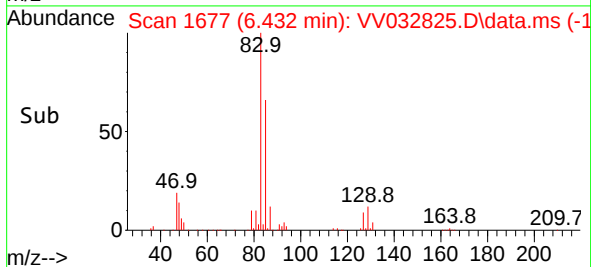
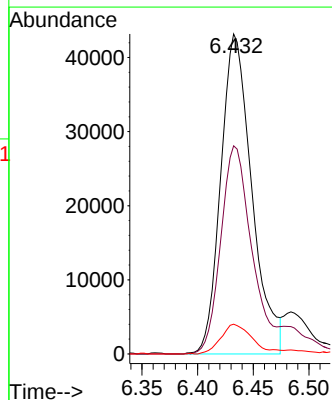
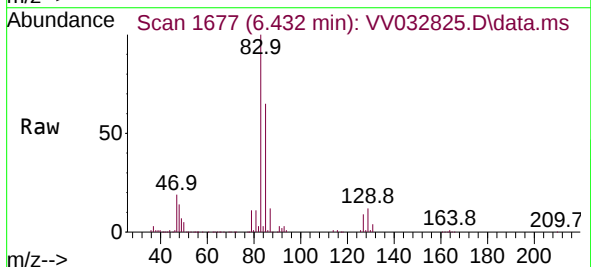
Instrument :
MSVOA_V
ClientSampleId :

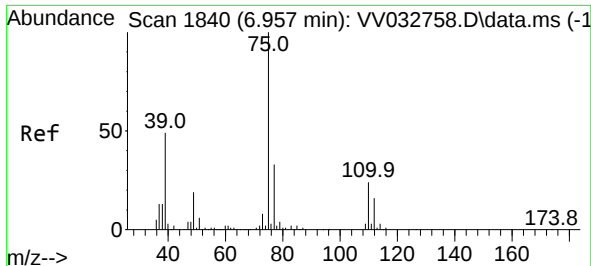
Tgt Ion: 63 Resp: 56355
Ion Ratio Lower Upper
63 100
112 6.0 4.6 7.0



#38
Bromodichloromethane
Concen: 5.162 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 83 Resp: 83901
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.5
127 9.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.503 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

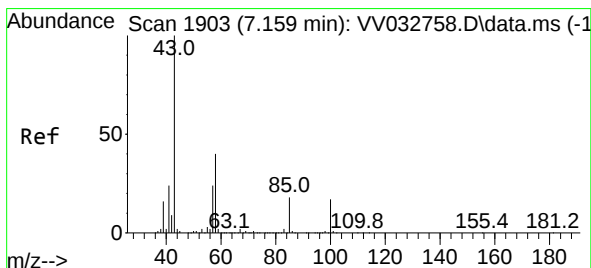
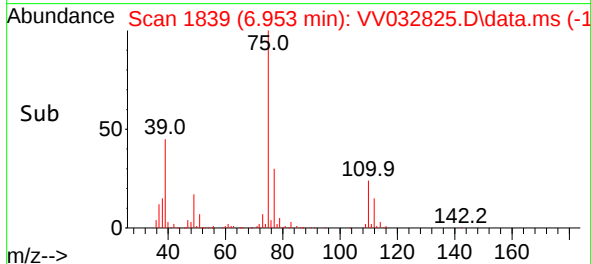
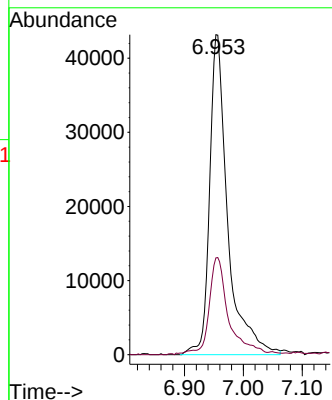
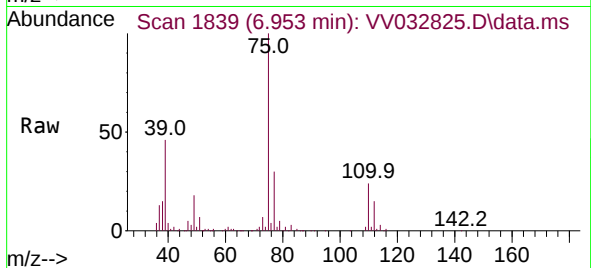
ClientSampleId :

Tgt Ion: 75 Resp: 92175

Ion Ratio Lower Upper

75 100

77 30.2 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 54.221 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

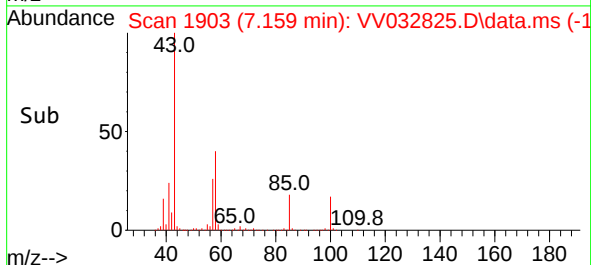
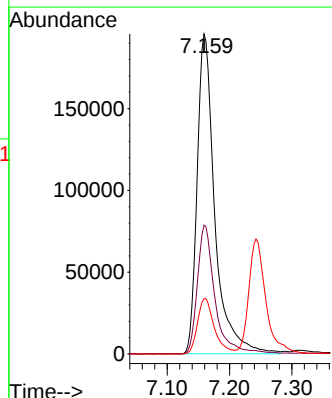
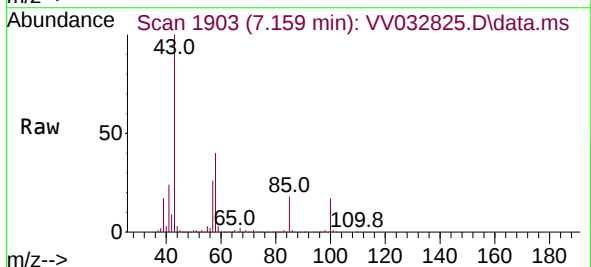
Tgt Ion: 43 Resp: 384933

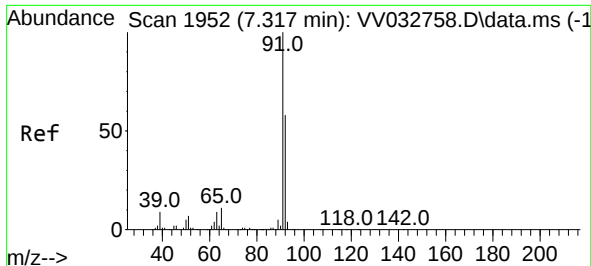
Ion Ratio Lower Upper

43 100

58 40.3 31.3 46.9

100 16.5 12.2 18.4





#42

Toluene

Concen: 5.751 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

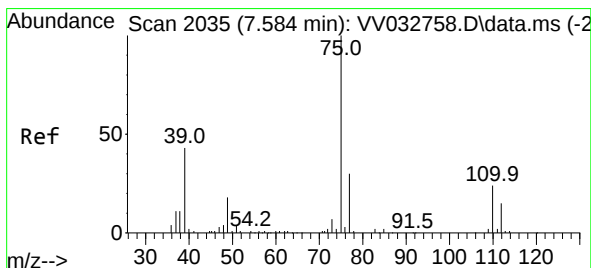
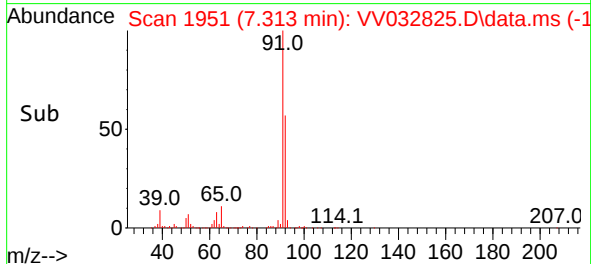
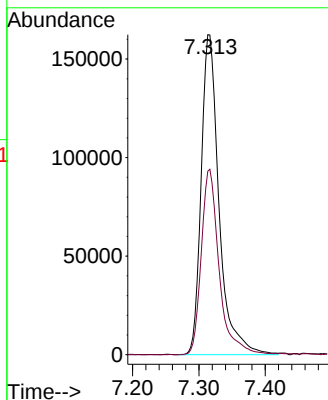
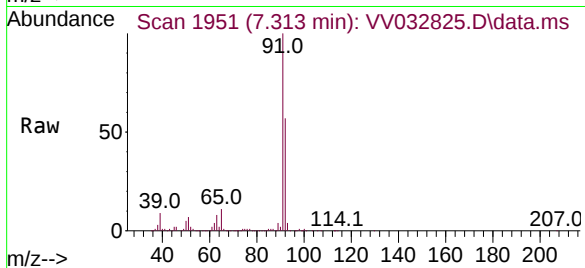
ClientSampleId :

Tgt Ion: 91 Resp: 304675

Ion Ratio Lower Upper

91 100

92 57.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.544 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032825.D

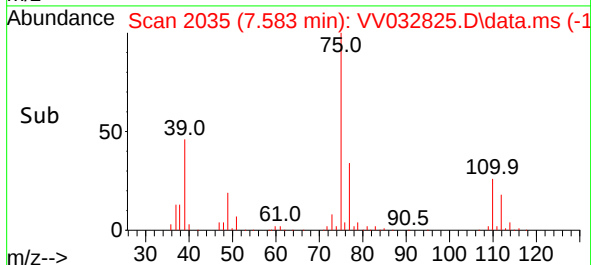
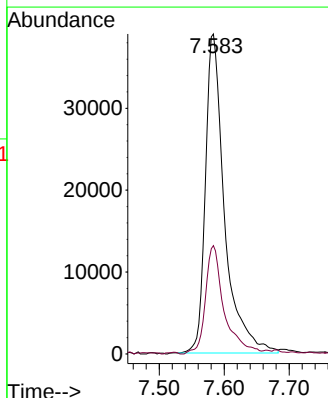
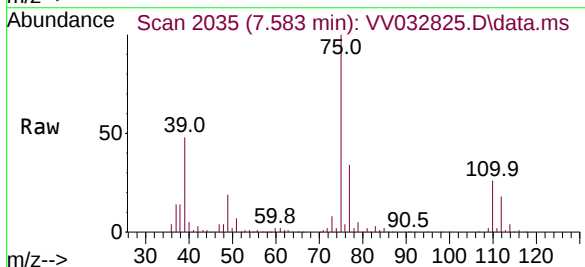
Acq: 01 Nov 2023 15:00

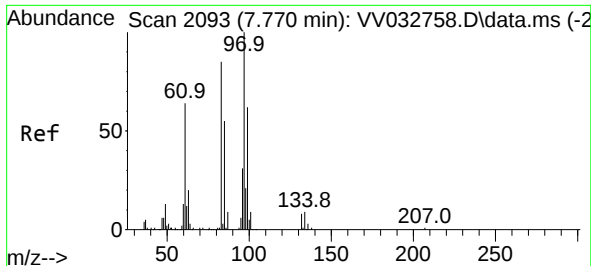
Tgt Ion: 75 Resp: 79913

Ion Ratio Lower Upper

75 100

77 33.9 23.4 43.4

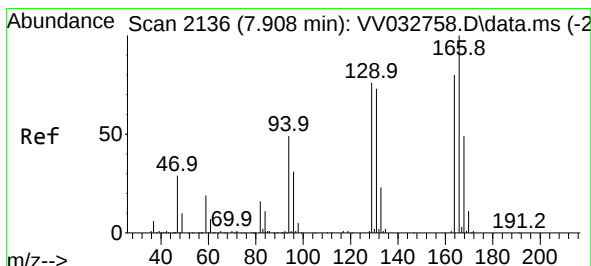
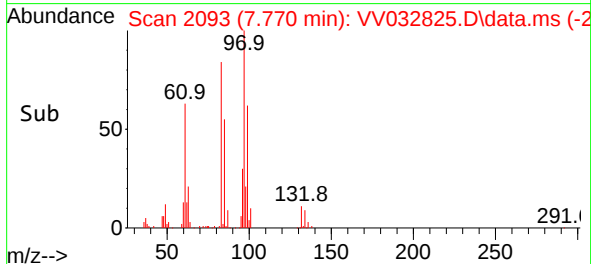
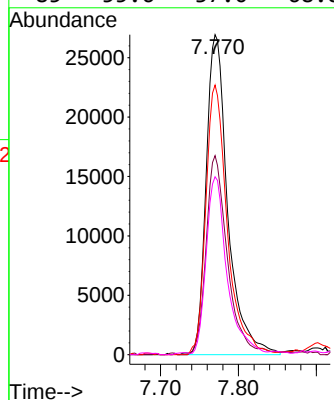
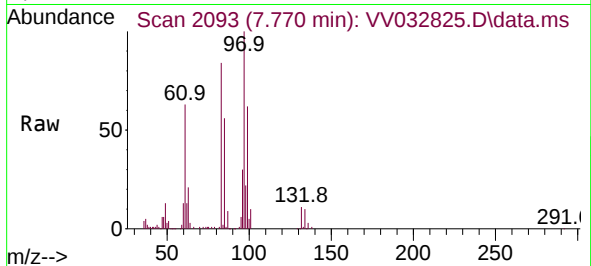




#45
1,1,2-Trichloroethane
Concen: 5.598 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

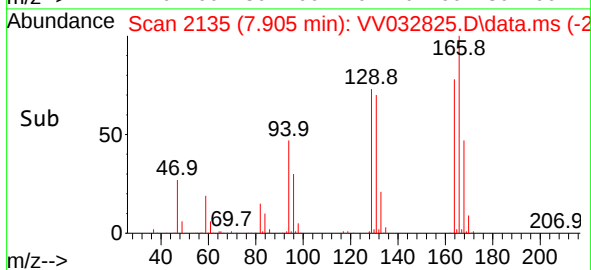
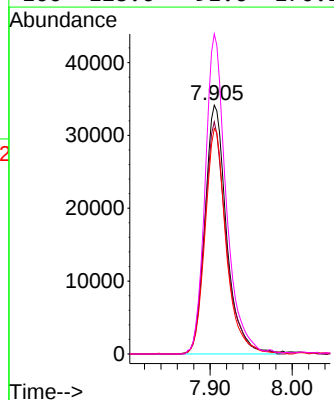
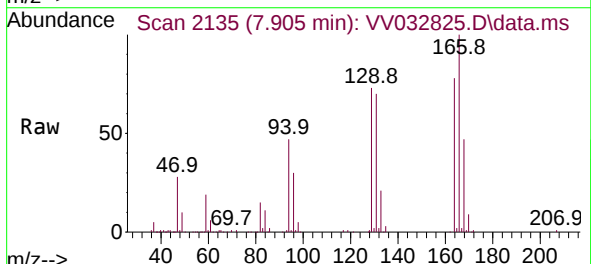
Instrument :
MSVOA_V
ClientSampleId :

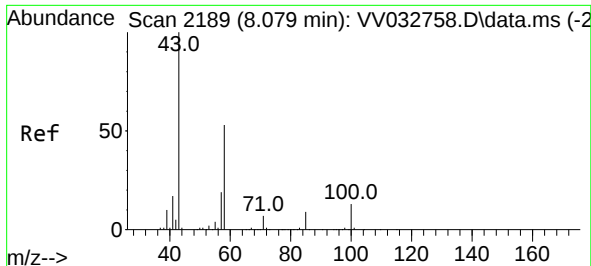
Tgt Ion:	97	Resp:	52021
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.0	81.8
83	84.3	59.9	111.3
85	55.6	37.0	68.8



#47
Tetrachloroethene
Concen: 5.800 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

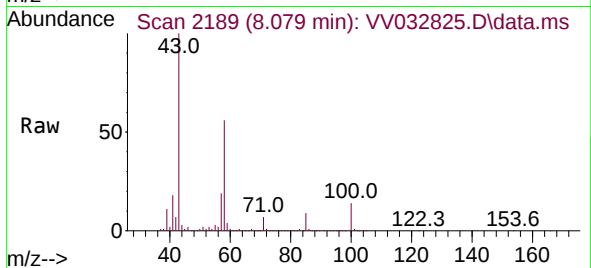
Tgt Ion:	164	Resp:	62440
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.3	121.3
131	90.6	66.6	123.8
166	128.6	91.6	170.2



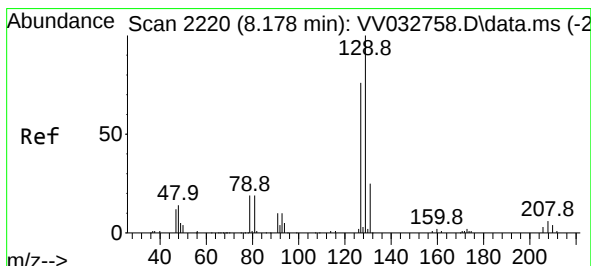
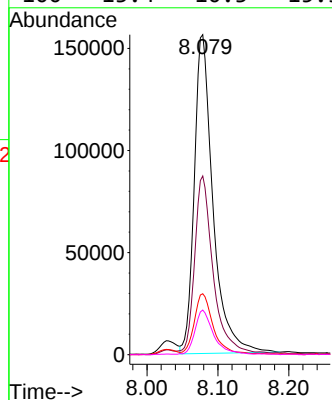
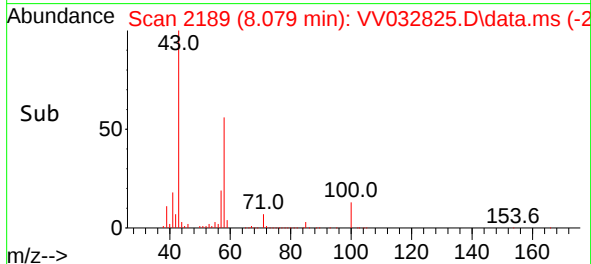


#48
2-Hexanone
Concen: 55.349 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

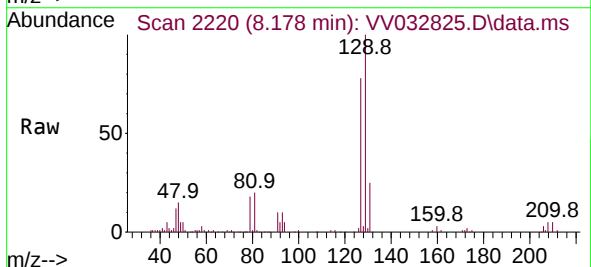
Instrument :
MSVOA_V
ClientSampleId :



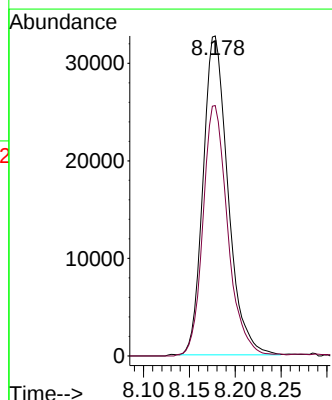
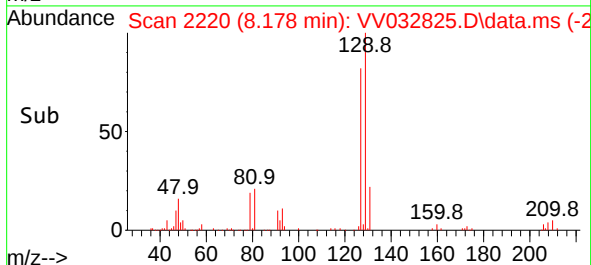
Tgt Ion:	43	Resp:	287397
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.8	65.6
57	18.7	15.1	22.7
100	13.4	10.3	15.5

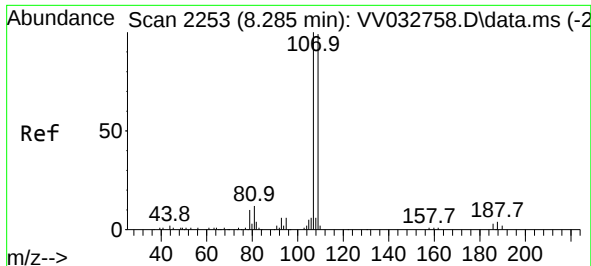


#49
Dibromochloromethane
Concen: 5.611 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00



Tgt Ion:	129	Resp:	61849
Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.0	100.4





#50

1,2-Dibromoethane

Concen: 5.498 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

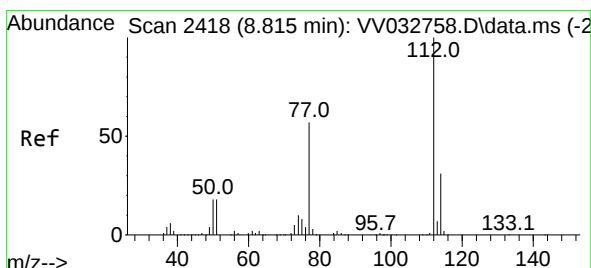
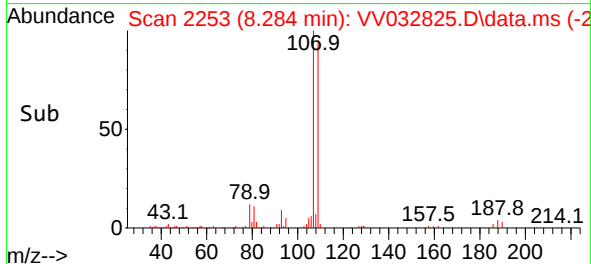
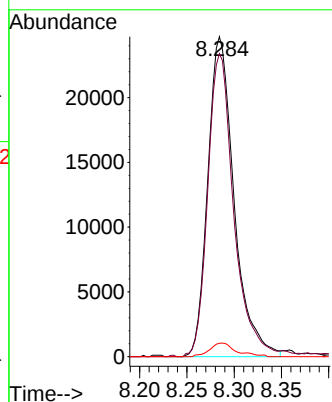
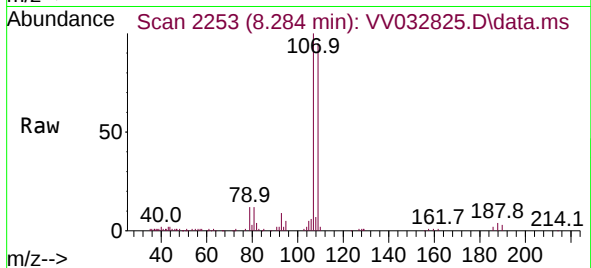
Tgt Ion:107 Resp: 47677

Ion Ratio Lower Upper

107 100

109 94.7 66.4 123.4

188 4.2 2.9 4.3



#51

Chlorobenzene

Concen: 5.579 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

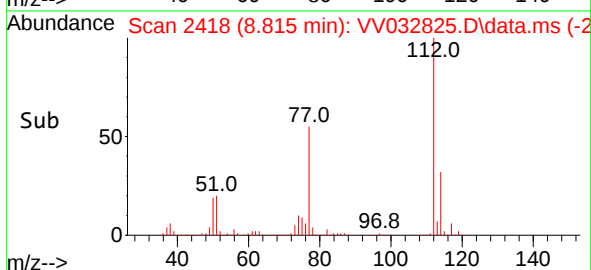
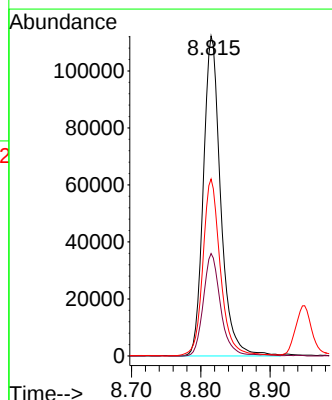
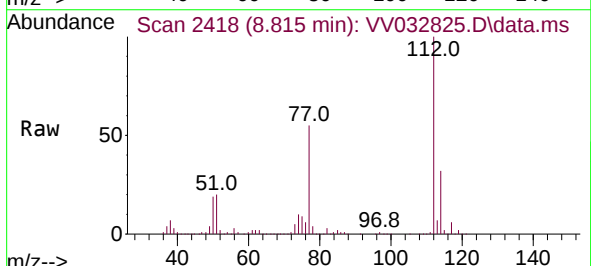
Tgt Ion:112 Resp: 195257

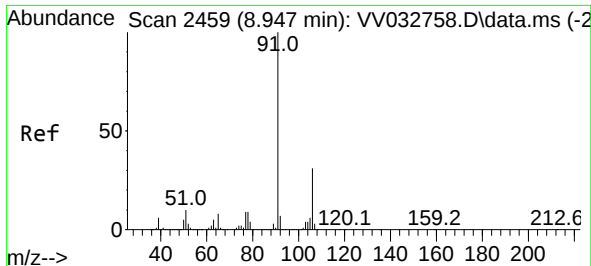
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 55.3 45.7 68.5

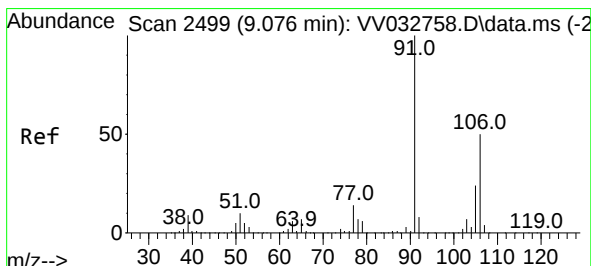
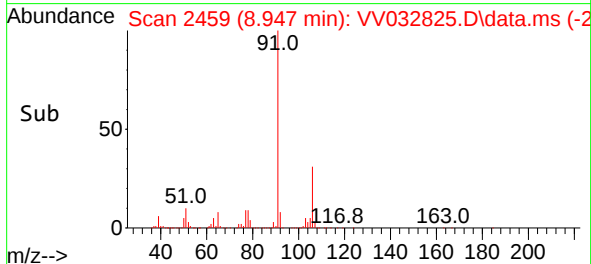
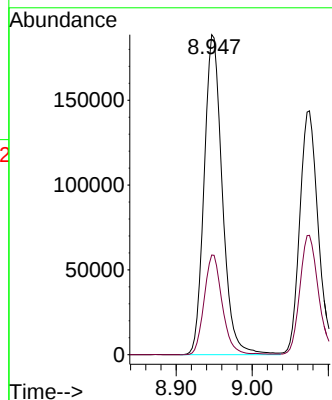
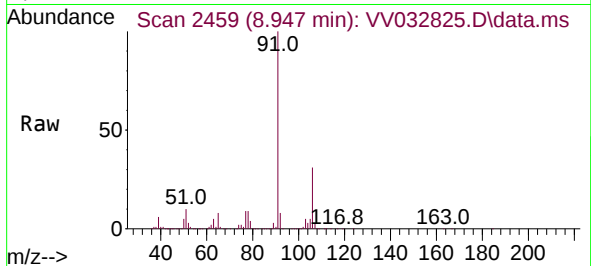




#52
Ethylbenzene
Concen: 5.626 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

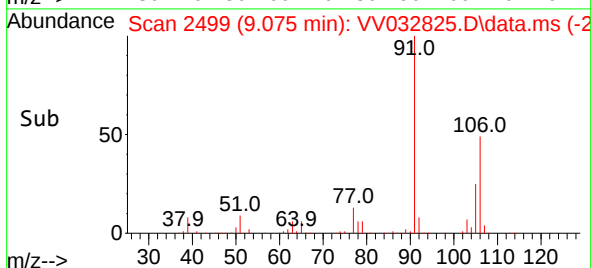
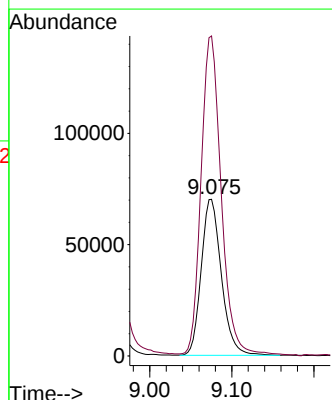
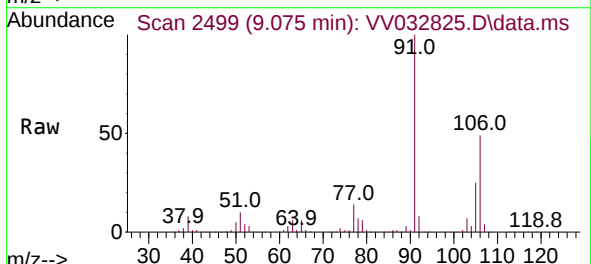
Instrument :
MSVOA_V
ClientSampleId :

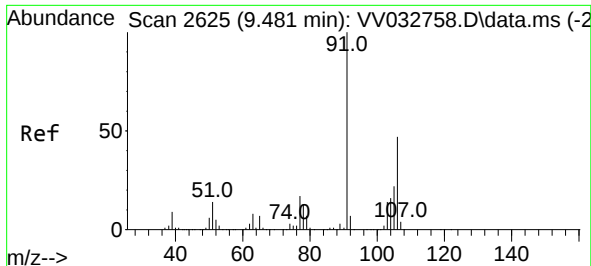
Tgt Ion: 91 Resp: 313310
Ion Ratio Lower Upper
91 100
106 31.1 20.9 38.9



#53
m,p-Xylene
Concen: 5.679 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 106 Resp: 119769
Ion Ratio Lower Upper
106 100
91 204.3 139.3 258.7





#54

o-Xylene

Concen: 5.703 ug/L

RT: 9.480 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

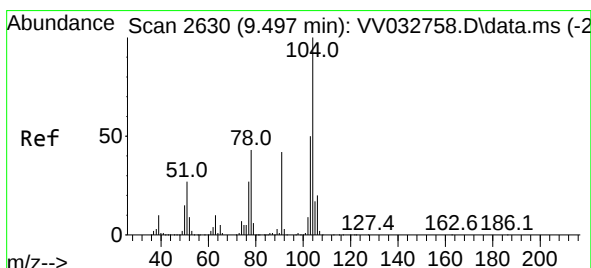
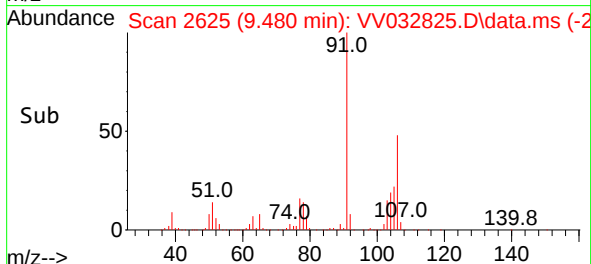
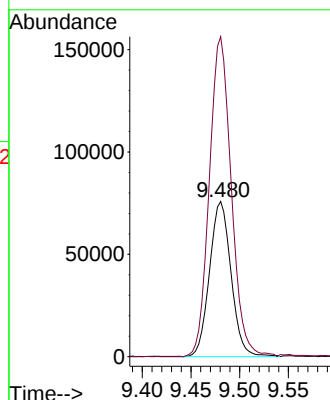
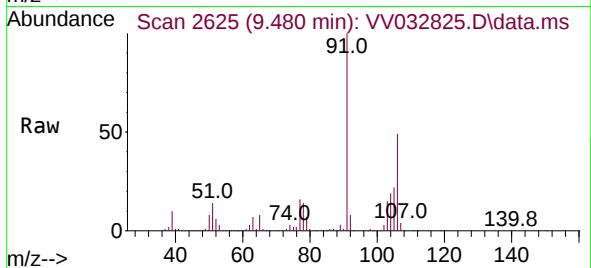
ClientSampleId :

Tgt Ion:106 Resp: 116662

Ion Ratio Lower Upper

106 100

91 206.2 147.4 273.8



#55

Styrene

Concen: 6.074 ug/L

RT: 9.496 min Scan# 2630

Delta R.T. -0.000 min

Lab File: VV032825.D

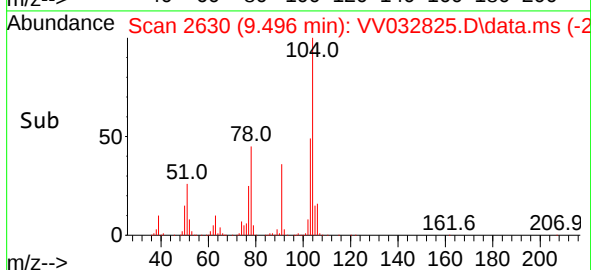
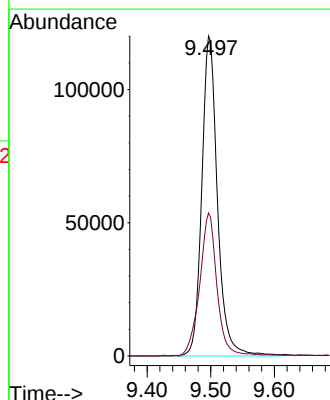
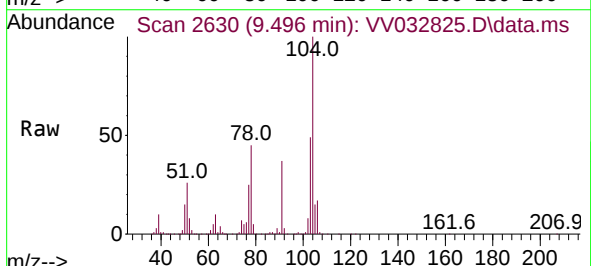
Acq: 01 Nov 2023 15:00

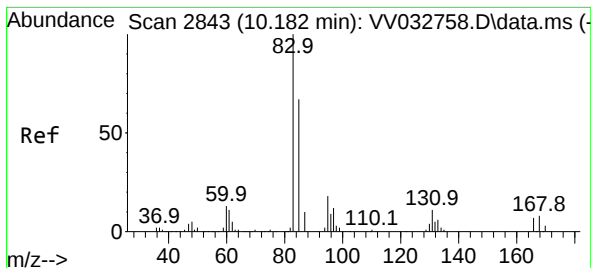
Tgt Ion:104 Resp: 205858

Ion Ratio Lower Upper

104 100

78 44.7 30.5 56.7

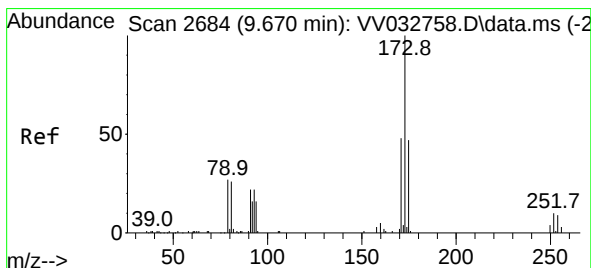
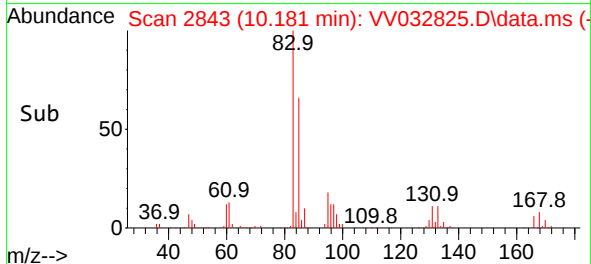
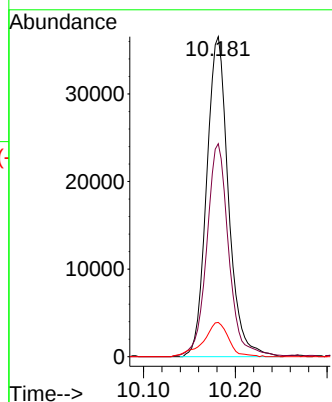
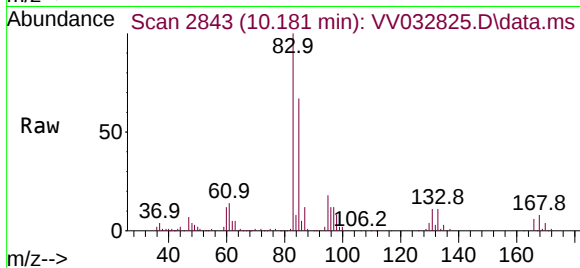




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.563 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

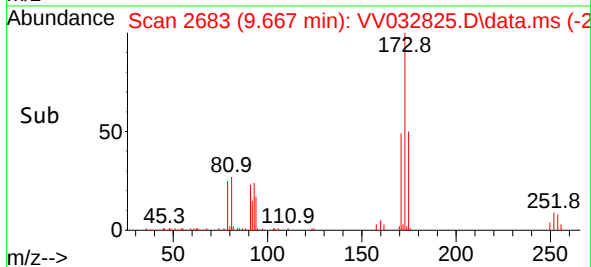
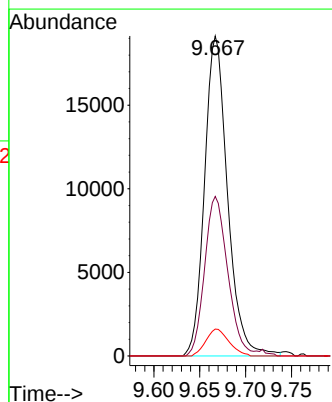
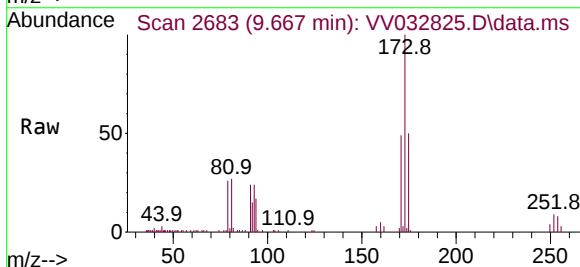
Instrument :
 MSVOA_V
 ClientSampleId :

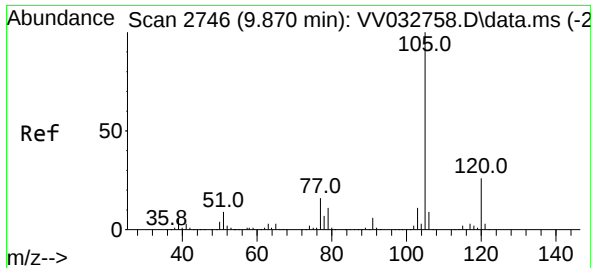
Tgt Ion: 83 Resp: 60292
 Ion Ratio Lower Upper
 83 100
 85 66.6 44.0 81.8
 131 10.7 7.8 11.8



#59
 Bromoform
 Concen: 5.215 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

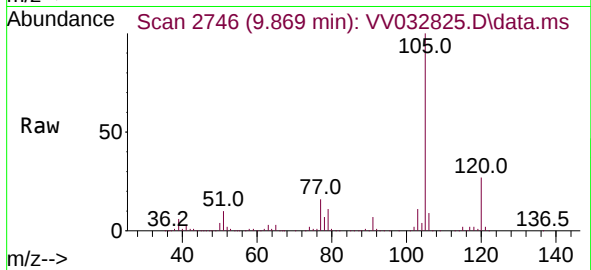
Tgt Ion: 173 Resp: 33385
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.4 57.6
 254 8.4 6.9 10.3



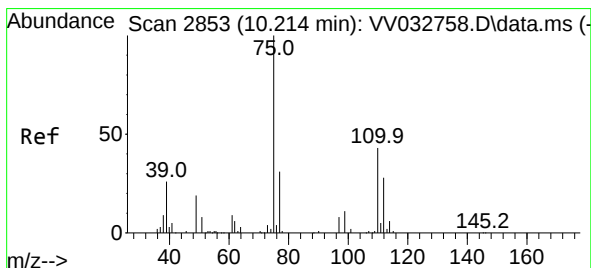
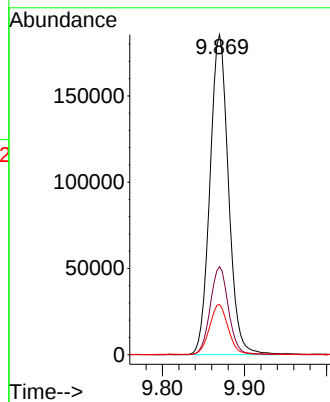
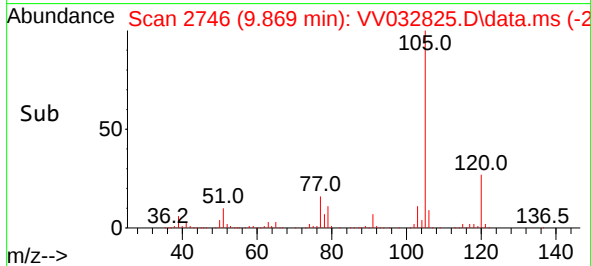


#60
Isopropylbenzene
Concen: 5.264 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

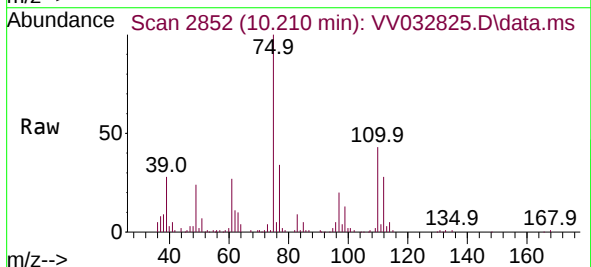
Instrument :
MSVOA_V
ClientSampleId :



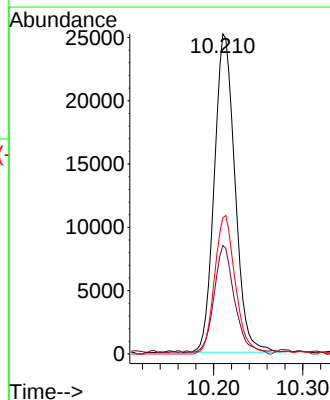
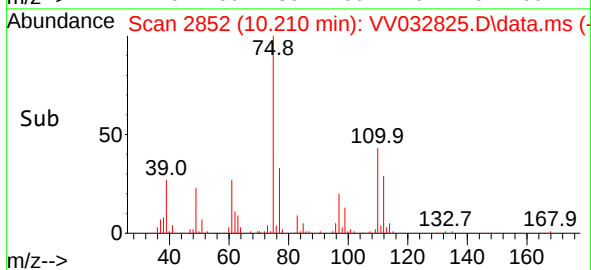
Tgt Ion:105 Resp: 291527
Ion Ratio Lower Upper
105 100
120 27.1 21.0 31.6
77 15.6 12.6 19.0

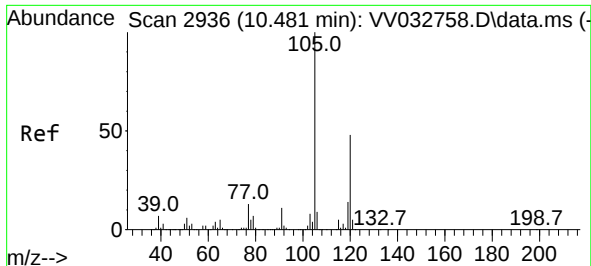


#61
1,2,3-Trichloropropane
Concen: 4.701 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00



Tgt Ion: 75 Resp: 40564
Ion Ratio Lower Upper
75 100
77 32.8 24.5 36.7
110 43.7 32.3 48.5

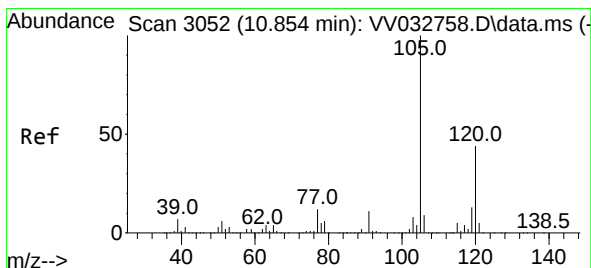
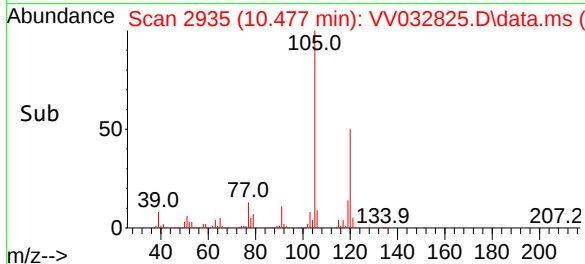
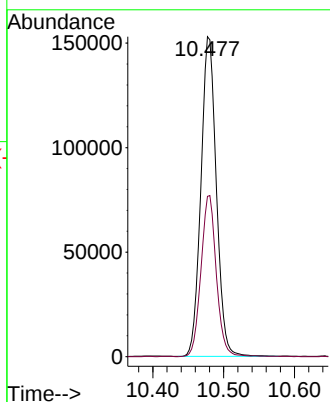
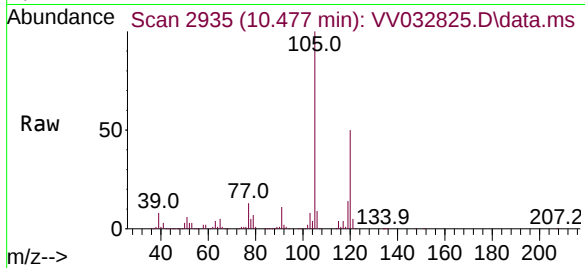




#62
 1,3,5-Trimethylbenzene
 Concen: 5.121 ug/L
 RT: 10.477 min Scan# 2936
 Delta R.T. -0.003 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

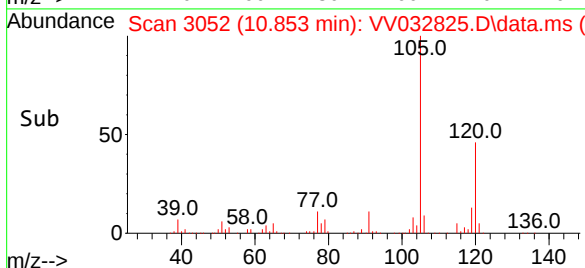
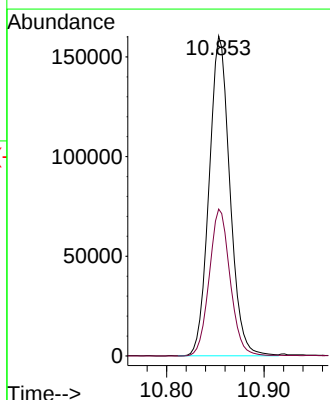
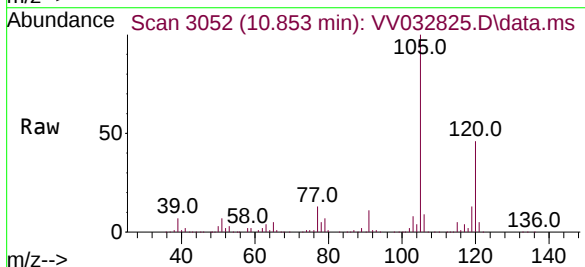
Instrument :
 MSVOA_V
 ClientSampleId :

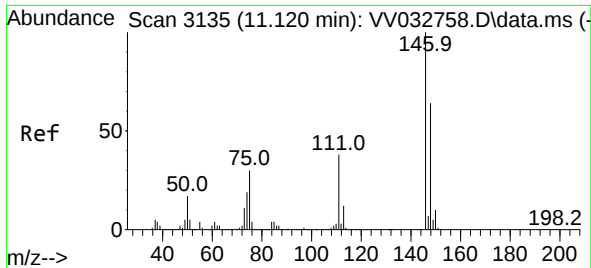
Tgt Ion:105 Resp: 231820
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.319 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

Tgt Ion:105 Resp: 237936
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.9 55.3

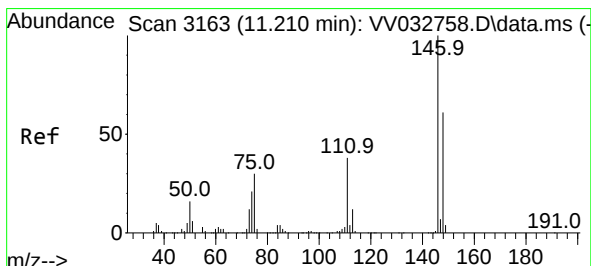
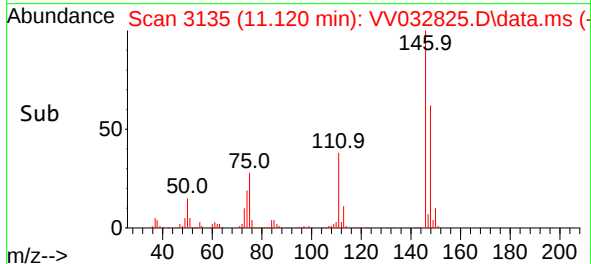
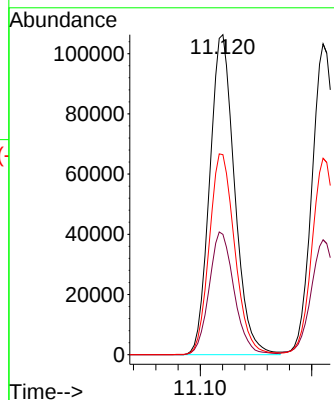
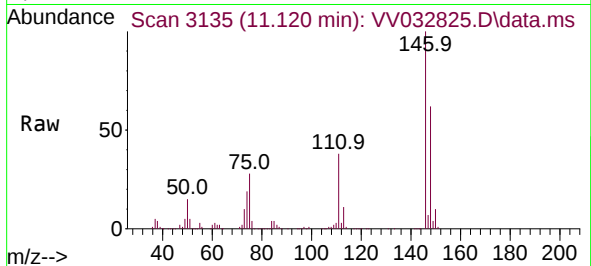




#64
1,3-Dichlorobenzene
Concen: 5.555 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

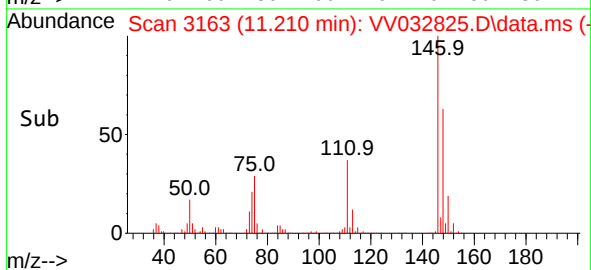
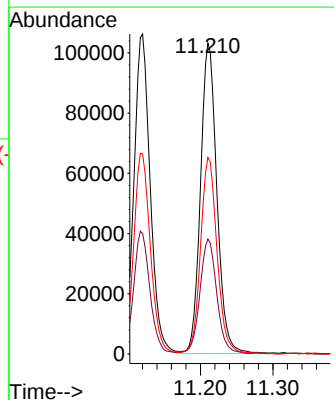
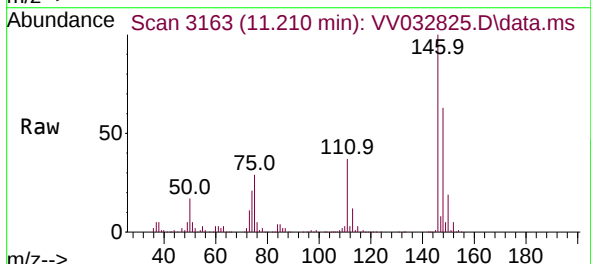
Instrument :
MSVOA_V
ClientSampleId :

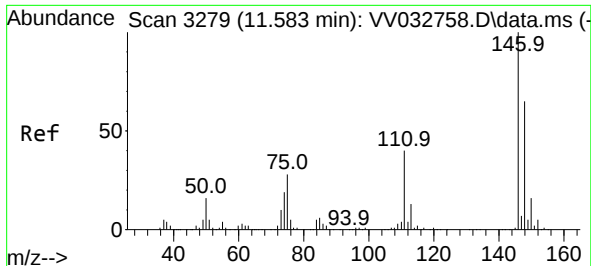
Tgt Ion:146 Resp: 165053
Ion Ratio Lower Upper
146 100
111 37.6 26.8 49.8
148 62.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.479 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

Tgt Ion:146 Resp: 161611
Ion Ratio Lower Upper
146 100
111 37.0 26.2 48.8
148 63.2 44.3 82.3

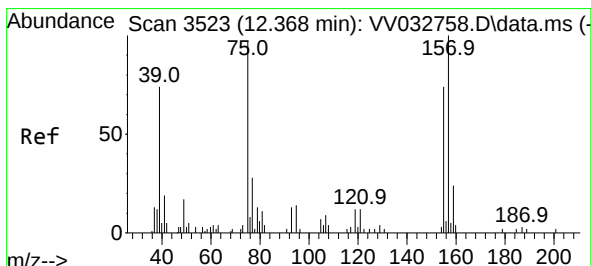
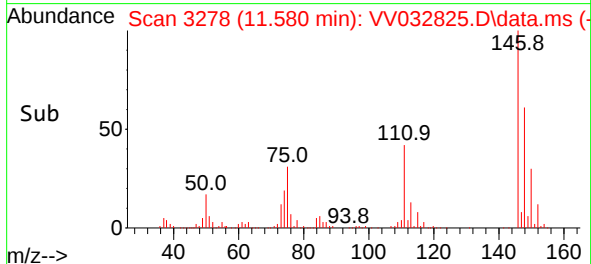
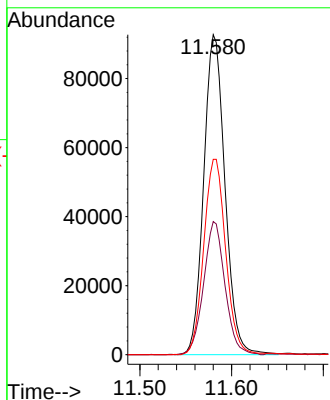
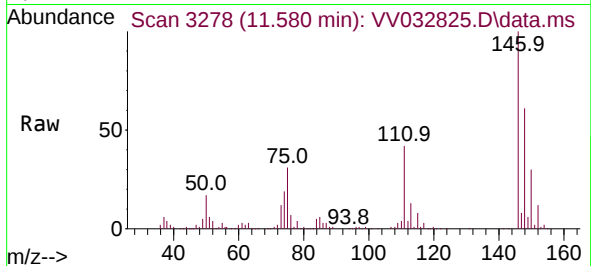




#67
1,2-Dichlorobenzene
Concen: 5.471 ug/L
RT: 11.580 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

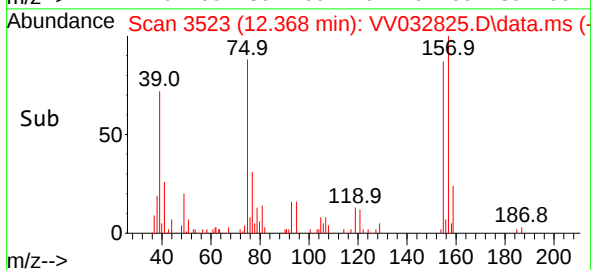
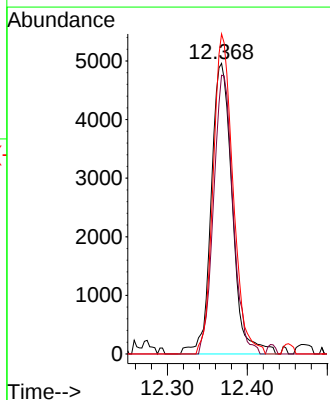
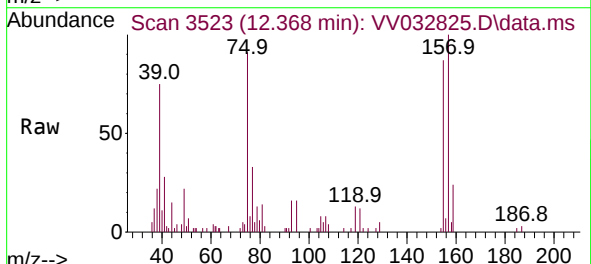
Instrument :
MSVOA_V
ClientSampleId :

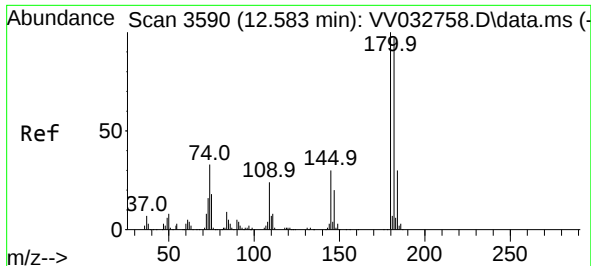
Tgt Ion:146 Resp: 149501
Ion Ratio Lower Upper
146 100
111 41.6 34.2 51.4
148 61.1 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.387 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV032825.D
Acq: 01 Nov 2023 15:00

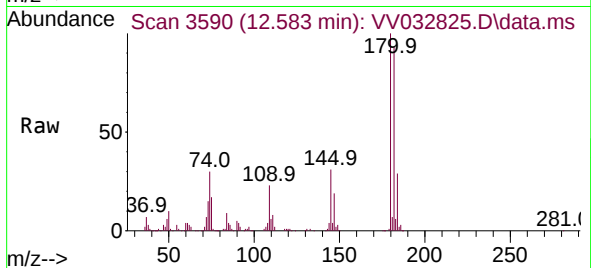
Tgt Ion: 75 Resp: 9047
Ion Ratio Lower Upper
75 100
155 95.9 70.1 105.1
157 110.1 90.2 135.2



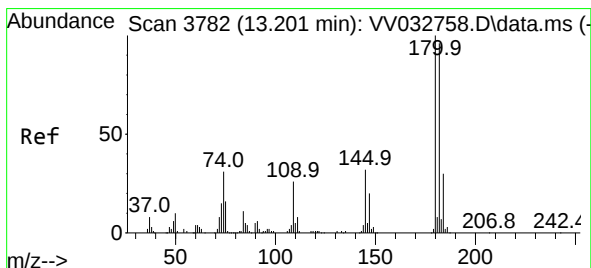
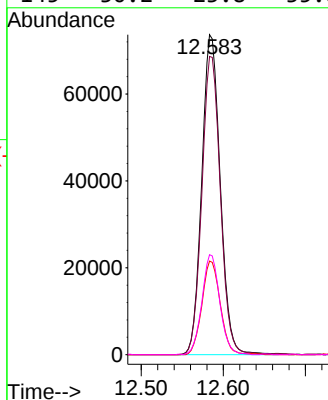
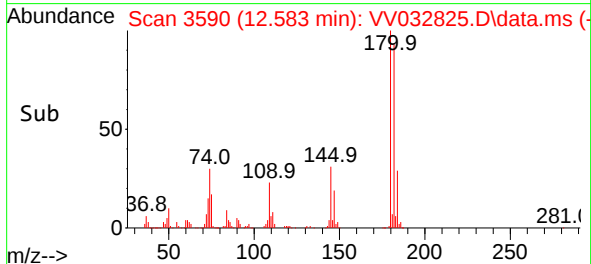


#69
 1,3,5-Trichlorobenzene
 Concen: 5.437 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00

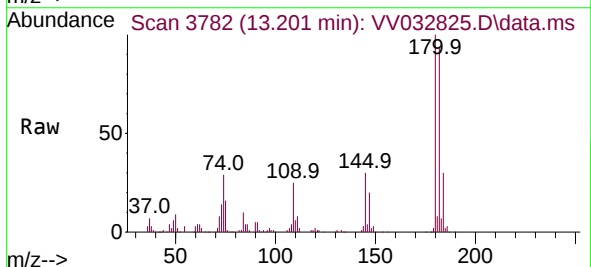
Instrument :
 MSVOA_V
 ClientSampleId :



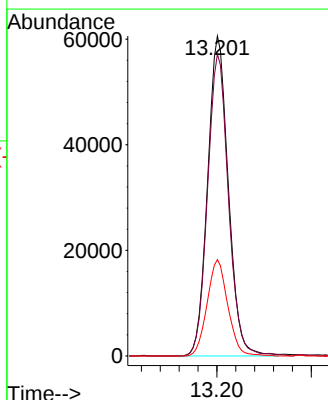
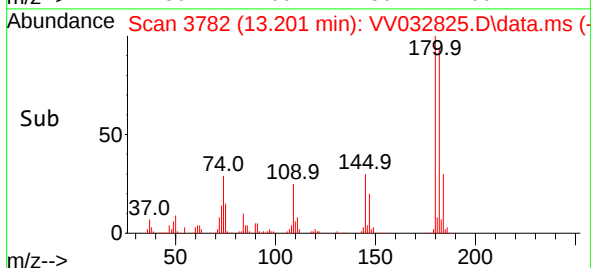
Tgt Ion:180 Resp: 115323
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.6 115.0
 184 28.9 24.3 36.5
 145 30.2 23.8 35.8

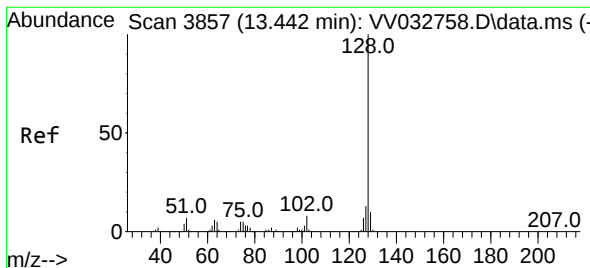


#70
 1,2,4-trichlorobenzene
 Concen: 5.127 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032825.D
 Acq: 01 Nov 2023 15:00



Tgt Ion:180 Resp: 92264
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.7 113.5
 145 30.0 25.0 37.4





#71

Naphthalene

Concen: 4.350 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

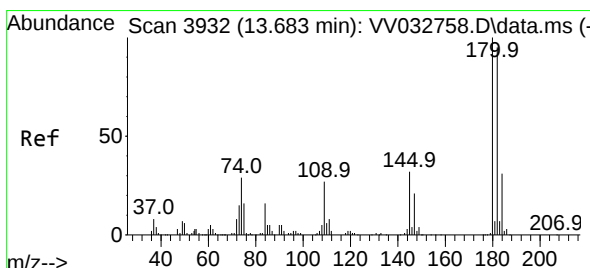
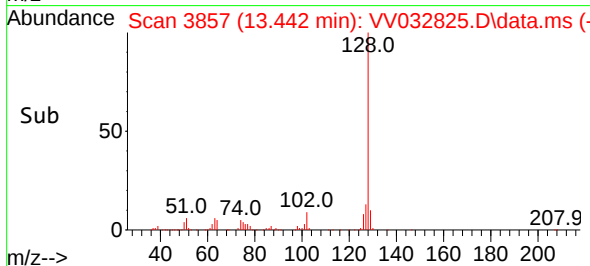
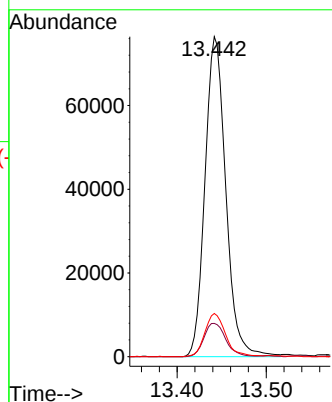
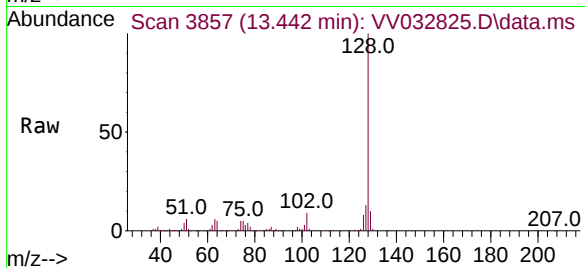
Tgt Ion:128 Resp: 124061

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.6 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.305 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032825.D

Acq: 01 Nov 2023 15:00

Tgt Ion:180 Resp: 83955

Ion Ratio Lower Upper

180 100

182 92.8 75.4 113.2

145 32.8 26.4 39.6

