

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034303.D
 Acq On : 21 Feb 2024 05:08
 Operator : SY/MD
 Sample : P1511-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 05:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	72731	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	67365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21559	3.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.535	69	19972	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.060	65	10952	4.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.796	46	44640	47.187	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.249	84	47968	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.947	65	22986	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.963	84	86812	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	24601	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.243	98	80124	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.558	79	7683	3.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.027	63	33554	44.060	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15482	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	27874	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27453	4.119	ug/L	98
3) Chloromethane	1.217	50	30570	4.205	ug/L	98
5) Vinyl chloride	1.285	62	31139	4.482	ug/L #	1
6) Bromomethane	1.490	94	13482	3.685	ug/L	99
8) Chloroethane	1.552	64	21691	4.577	ug/L	93
9) Trichlorofluoromethane	1.716	101	53831	5.377	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27982	5.347	ug/L	99
12) 1,1-Dichloroethene	2.072	96	26183	5.153	ug/L	91
13) Acetone	2.127	43	36170	50.397	ug/L #	38
14) Carbon disulfide	2.243	76	77108	4.690	ug/L	99
15) Methyl Acetate	2.384	43	6630	3.903	ug/L	92
16) Methylene chloride	2.449	84	25665	5.264	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	53536	5.128	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26259	5.074	ug/L	99
19) 1,1-Dichloroethane	3.114	63	47568	5.002	ug/L	95
21) 2-Butanone	3.879	43	43073	45.415	ug/L #	50
22) cis-1,2-Dichloroethene	3.815	96	27343	4.657	ug/L	96
23) Bromochloromethane	4.149	128	10978	5.378	ug/L	88
25) Chloroform	4.275	83	49544	5.154	ug/L	98

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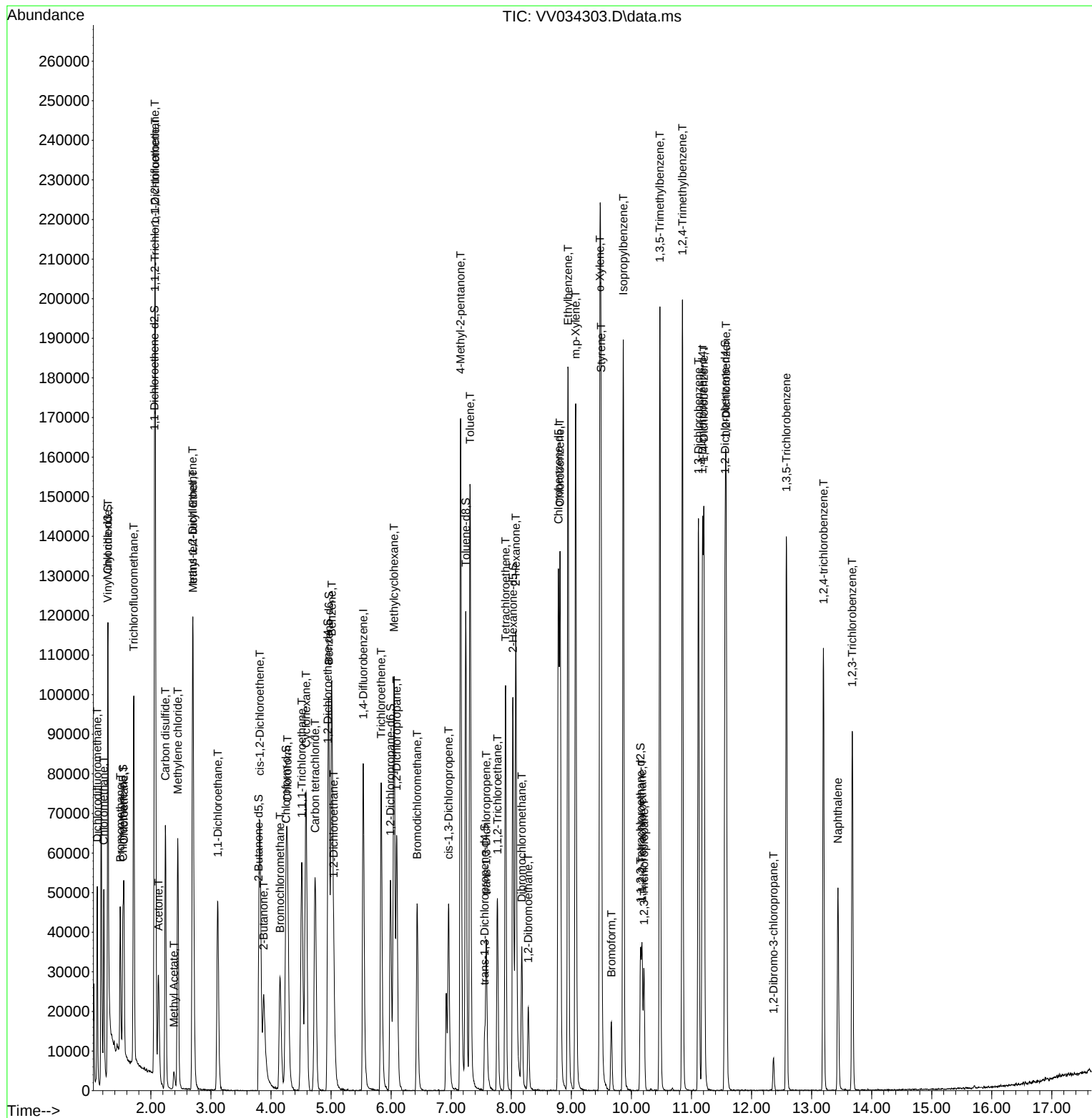
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	29285	5.321	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	47795	5.285	ug/L	99
30) Cyclohexane	4.584	56	41479	4.716	ug/L	96
31) Carbon tetrachloride	4.735	117	41352	5.225	ug/L	97
33) Benzene	5.011	78	103174	5.106	ug/L	100
34) Trichloroethene	5.834	95	26883	4.597	ug/L	97
35) Methylcyclohexane	6.050	83	43488	4.738	ug/L	97
37) 1,2-Dichloropropane	6.092	63	23514	4.804	ug/L	100
38) Bromodichloromethane	6.432	83	32220	5.015	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	28848	3.874	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	113625	48.481	ug/L	99
42) Toluene	7.317	91	113097	5.237	ug/L	94
44) trans-1,3-Dichloropropene	7.583	75	22016	3.850	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	14650	4.848	ug/L	96
47) Tetrachloroethene	7.905	164	22422	4.719	ug/L	93
48) 2-Hexanone	8.075	43	78450	47.487	ug/L	98
49) Dibromochloromethane	8.175	129	17773	4.949	ug/L	99
50) 1,2-Dibromoethane	8.284	107	13720	5.058	ug/L	98
51) Chlorobenzene	8.812	112	68941	5.049	ug/L	99
52) Ethylbenzene	8.947	91	126130	5.074	ug/L	98
53) m,p-Xylene	9.072	106	47501	5.057	ug/L	99
54) o-Xylene	9.477	106	47297	5.222	ug/L	100
55) Styrene	9.497	104	70147	4.837	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	15955	5.002	ug/L	94
59) Bromoform	9.667	173	7695	4.221	ug/L	99
60) Isopropylbenzene	9.866	105	120372	4.916	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11698	5.141	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	103919	5.020	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	102214	5.081	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	55271	5.176	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	51898	4.909	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	49049	5.349	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2191	4.595	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	41074	4.971	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	32181	4.989	ug/L	98
71) Naphthalene	13.438	128	41350	4.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	26959	5.216	ug/L	99

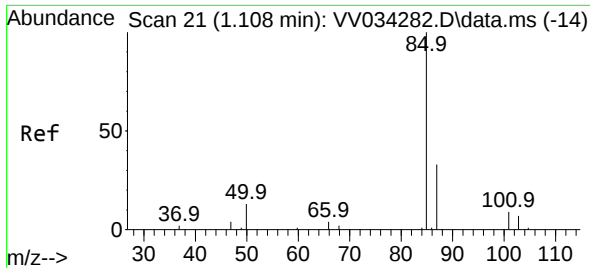
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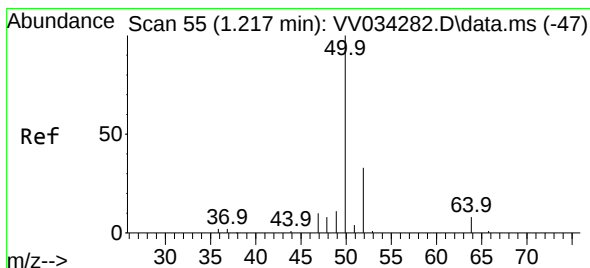
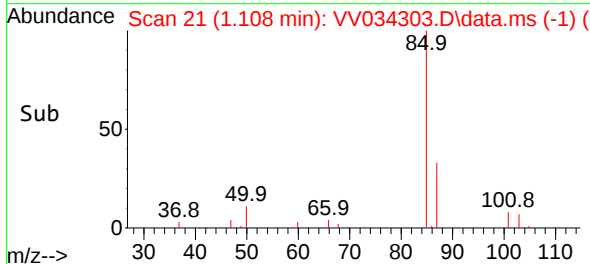
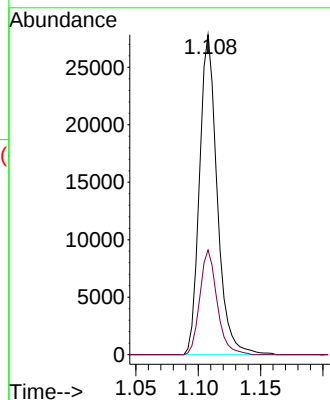
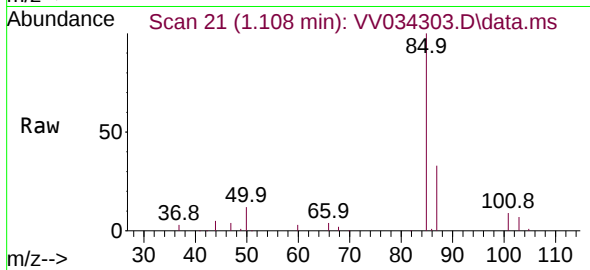




#2
Dichlorodifluoromethane
Concen: 4.119 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

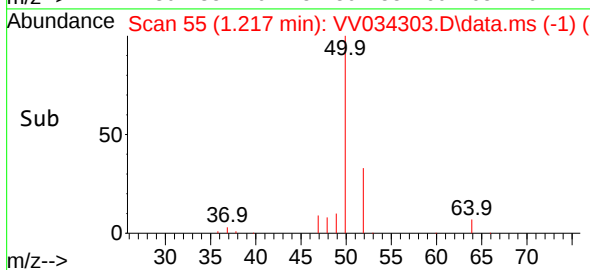
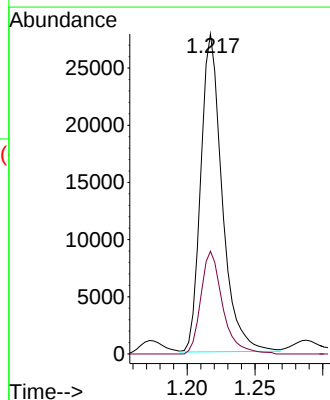
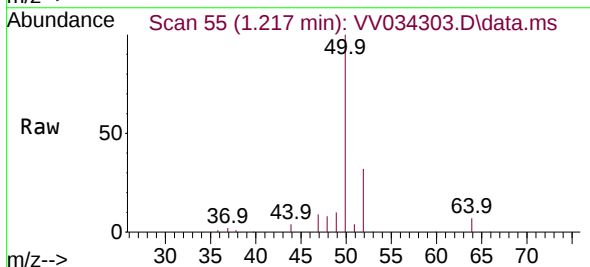
Instrument :
MSVOA_V
ClientSampleId :

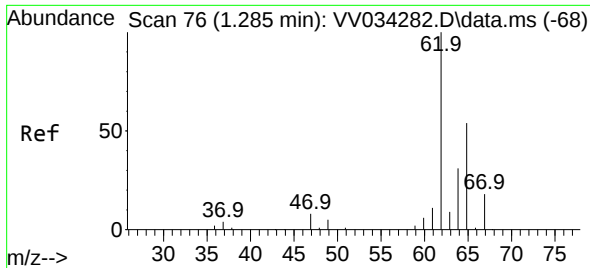
Tgt Ion: 85 Resp: 27453
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4



#3
Chloromethane
Concen: 4.205 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

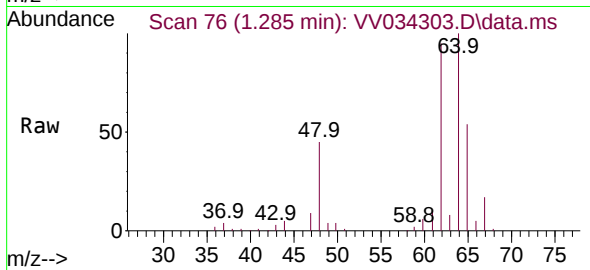
Tgt Ion: 50 Resp: 30570
Ion Ratio Lower Upper
50 100
52 32.1 23.4 43.4



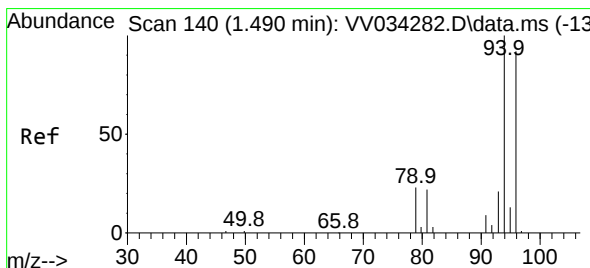
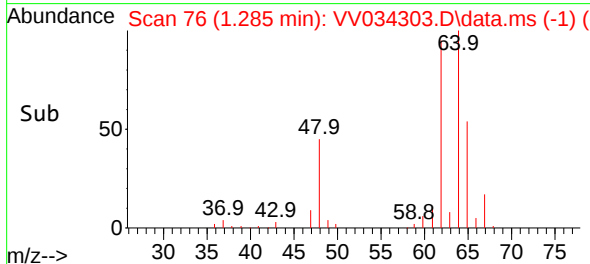
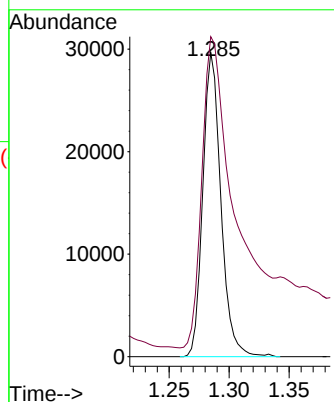


#5
 Vinyl chloride
 Concen: 4.482 ug/L
 RT: 1.285 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV034303.D
 Acq: 21 Feb 2024 05:08

Instrument :
 MSVOA_V
 ClientSampleId :

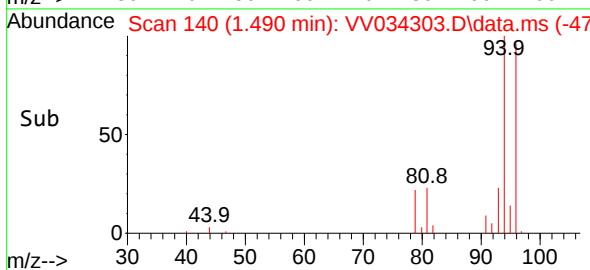
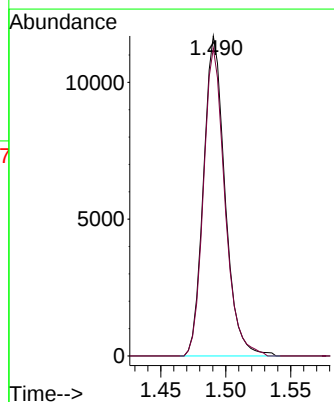
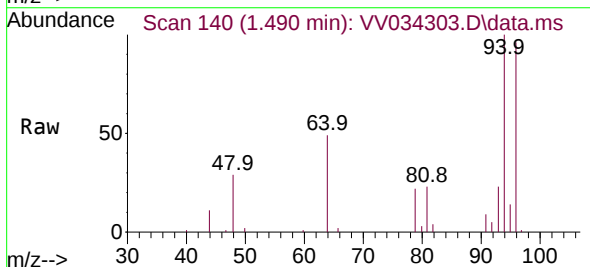


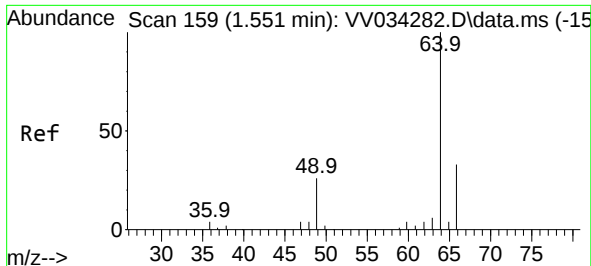
Tgt Ion: 62 Resp: 31139
 Ion Ratio Lower Upper
 62 100
 64 105.2 27.2 50.4#



#6
 Bromomethane
 Concen: 3.685 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034303.D
 Acq: 21 Feb 2024 05:08

Tgt Ion: 94 Resp: 13482
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.6 123.8

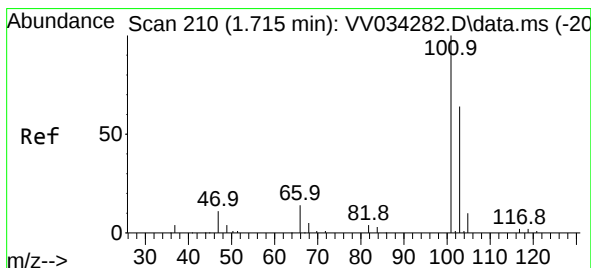
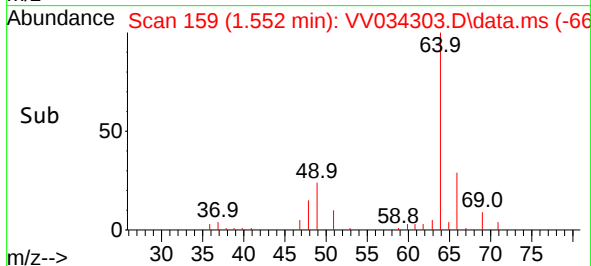
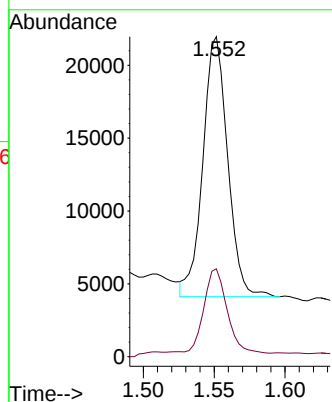
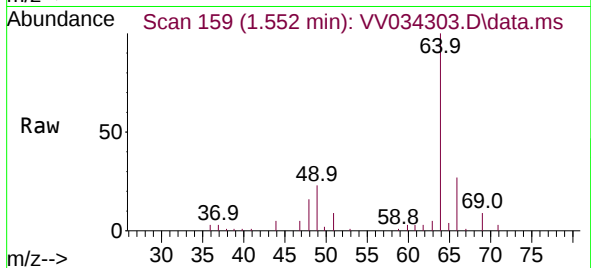




#8
Chloroethane
Concen: 4.577 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

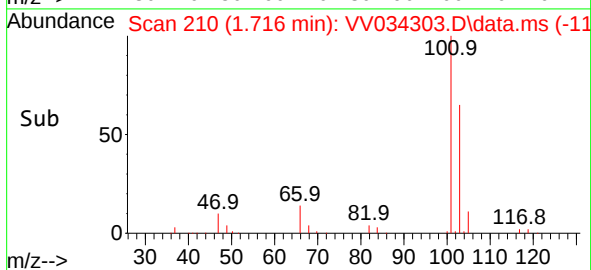
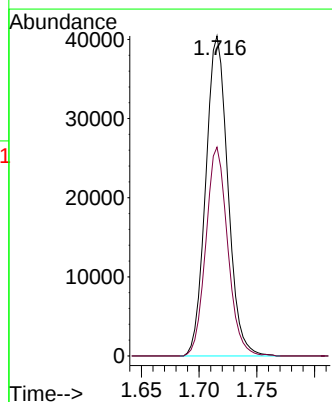
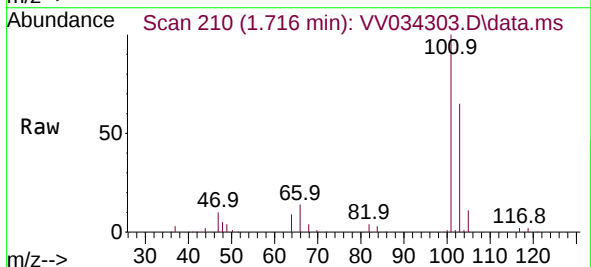
Instrument :
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ClientSampleId :

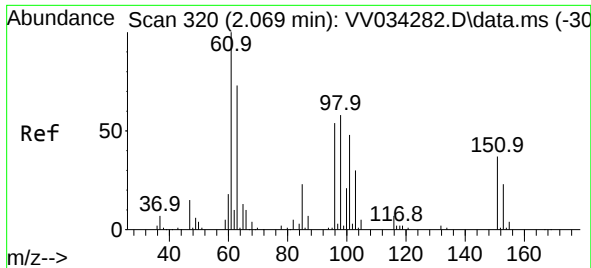
Tgt Ion: 64 Resp: 21691
Ion Ratio Lower Upper
64 100
66 27.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.377 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion:101 Resp: 53831
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

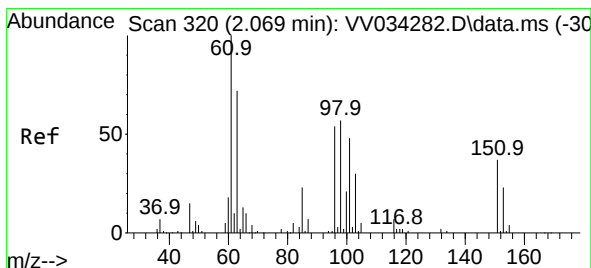
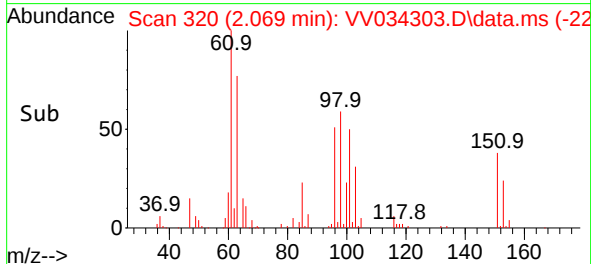
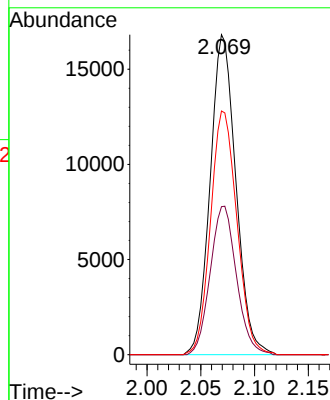
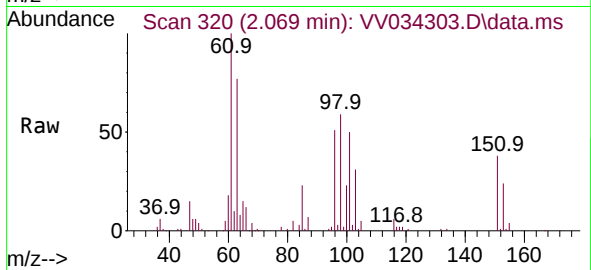




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.347 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034303.D
 Acq: 21 Feb 2024 05:08

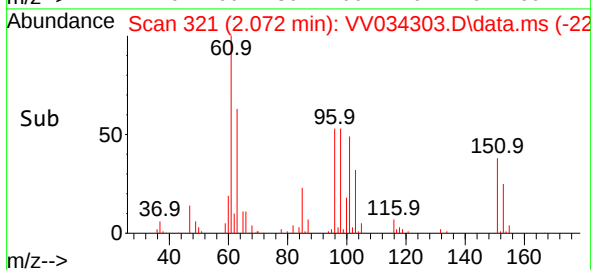
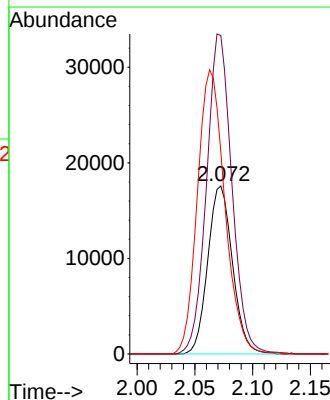
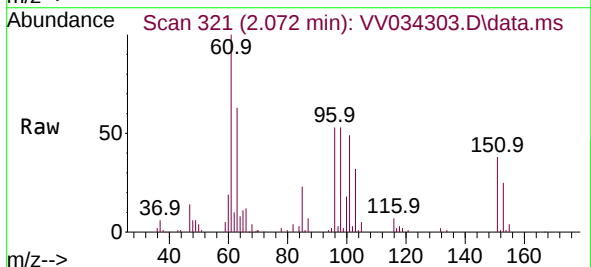
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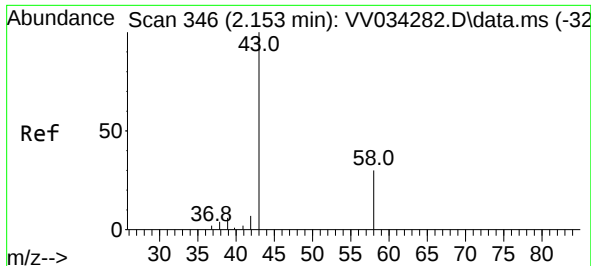
Tgt Ion:101 Resp: 27982
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.1 55.7
 151 77.9 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.153 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV034303.D
 Acq: 21 Feb 2024 05:08

Tgt Ion: 96 Resp: 26183
 Ion Ratio Lower Upper
 96 100
 61 189.6 128.8 239.2
 63 120.3 97.9 181.9





#13

Acetone

Concen: 50.397 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

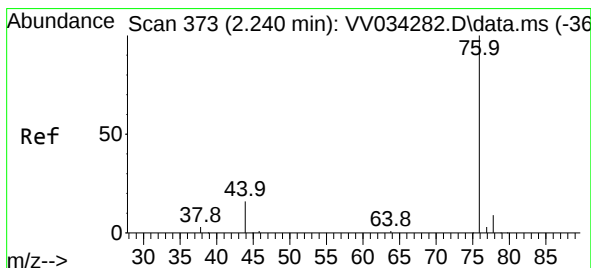
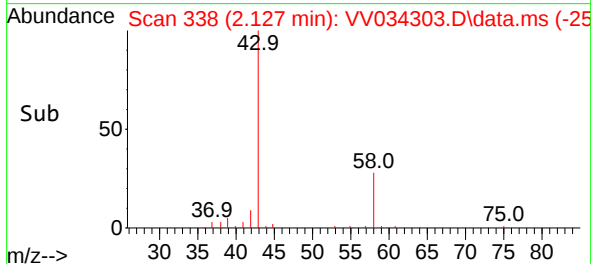
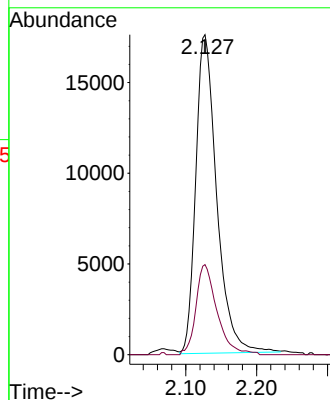
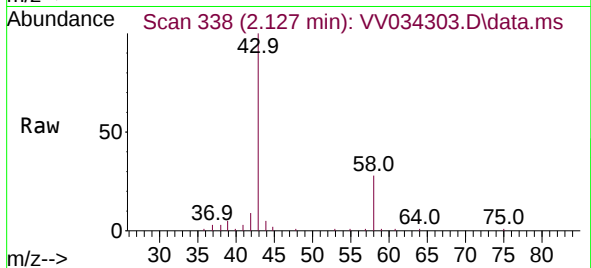
ClientSampleId :

Tgt Ion: 43 Resp: 36170

Ion Ratio Lower Upper

43 100

58 28.3 0.0 13.8#



#14

Carbon disulfide

Concen: 4.690 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034303.D

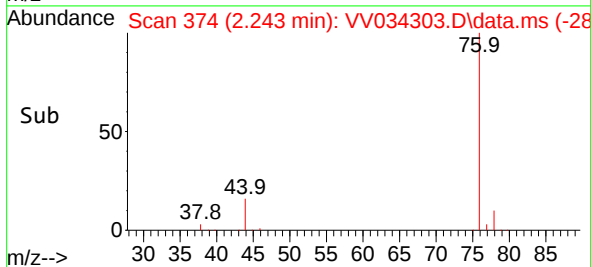
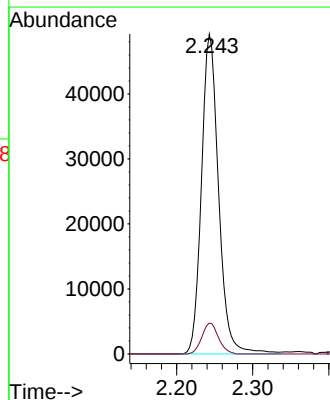
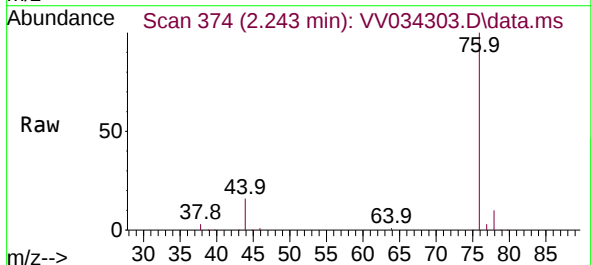
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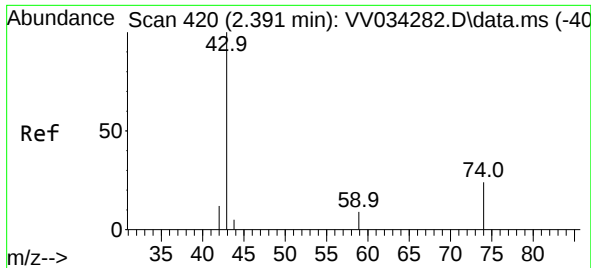
Tgt Ion: 76 Resp: 77108

Ion Ratio Lower Upper

76 100

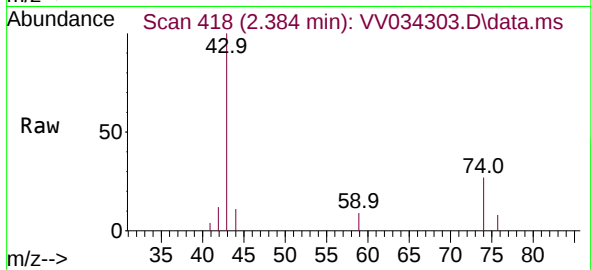
78 9.6 7.5 11.3



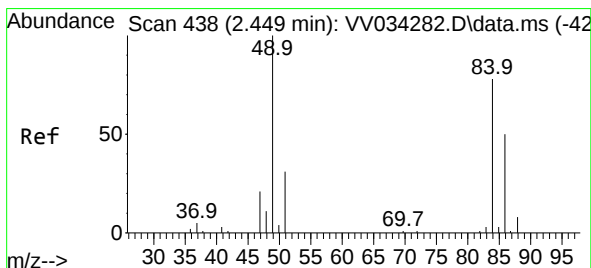
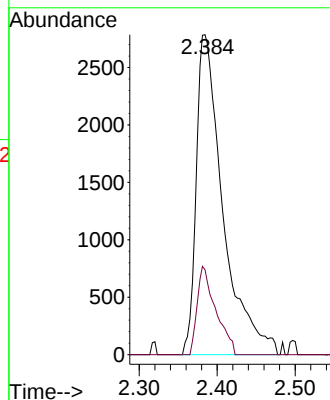
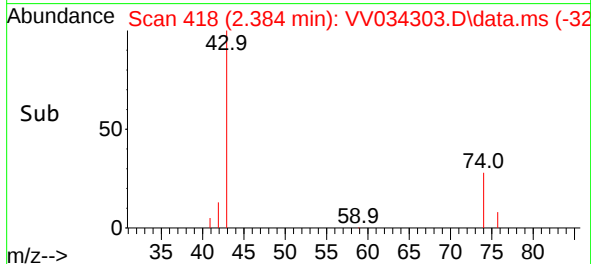


#15
Methyl Acetate
Concen: 3.903 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Instrument :
MSVOA_V
ClientSampleId :

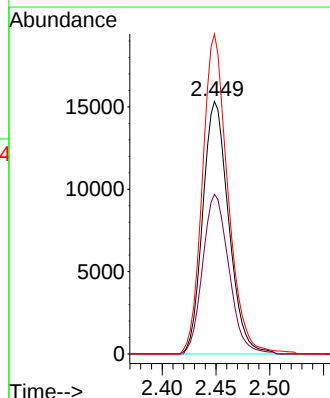
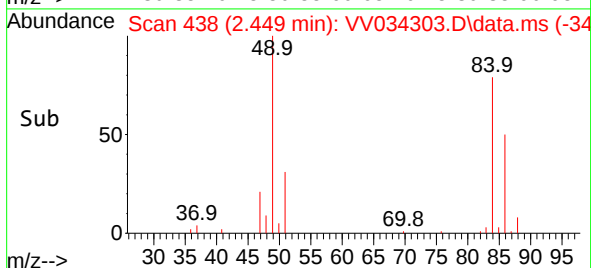
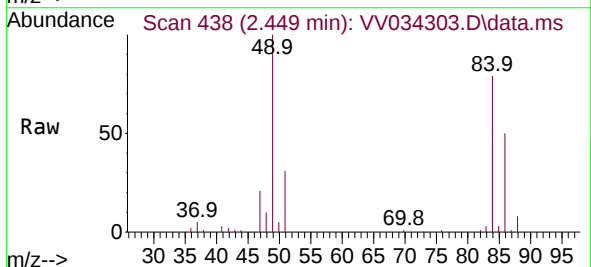


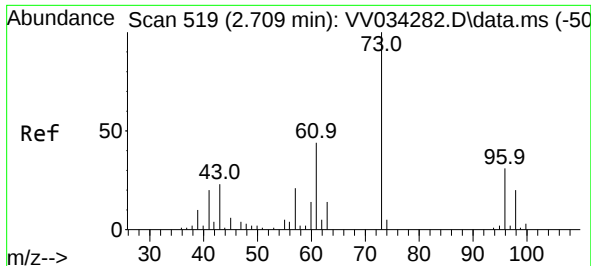
Tgt Ion: 43 Resp: 6630
Ion Ratio Lower Upper
43 100
74 19.2 18.2 27.4



#16
Methylene chloride
Concen: 5.264 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion: 84 Resp: 25665
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 126.6 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.128 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.006 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

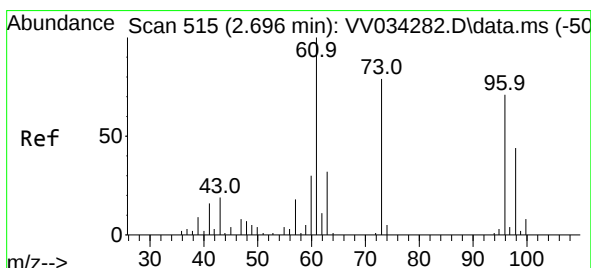
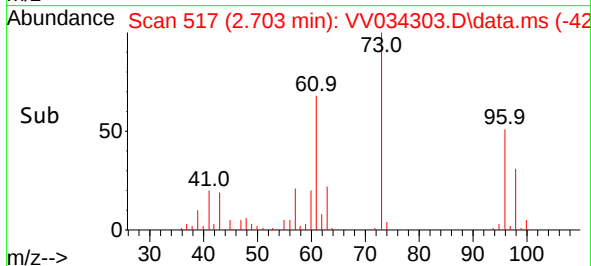
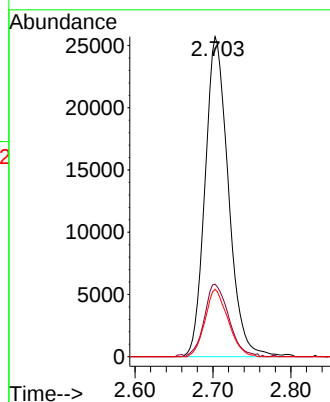
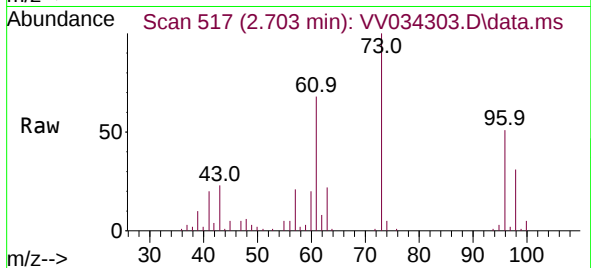
Tgt Ion: 73 Resp: 53536

Ion Ratio Lower Upper

73 100

43 23.7 17.7 26.5

57 20.8 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.074 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

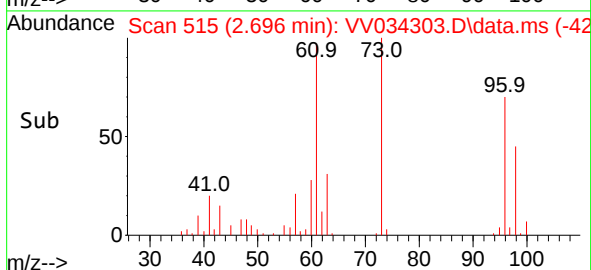
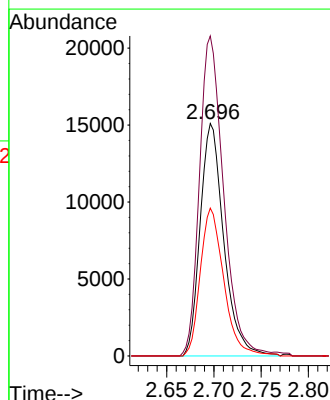
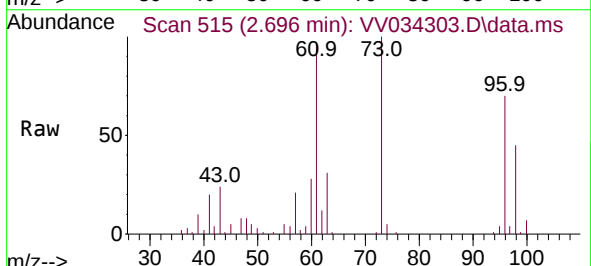
Tgt Ion: 96 Resp: 26259

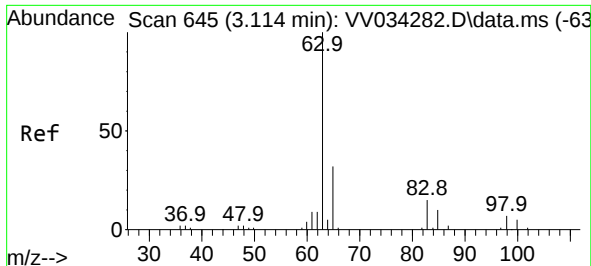
Ion Ratio Lower Upper

96 100

61 137.6 97.6 181.4

98 63.6 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.002 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

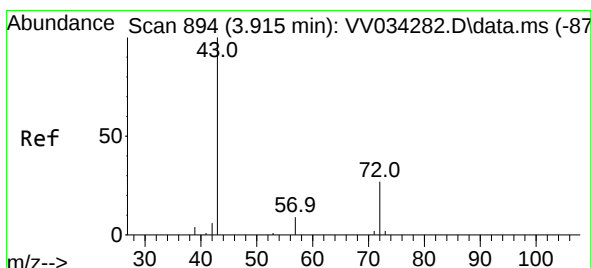
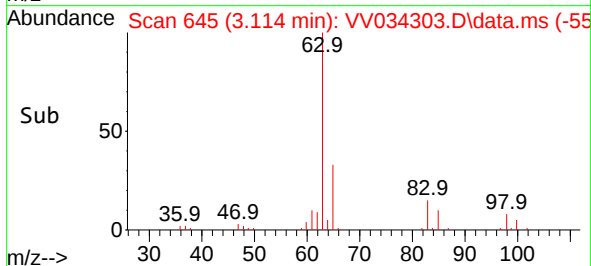
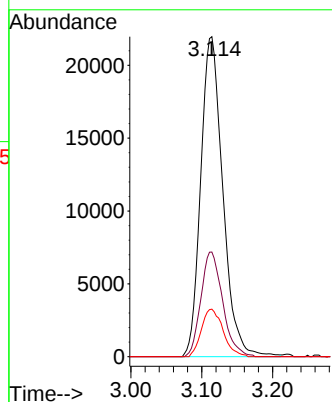
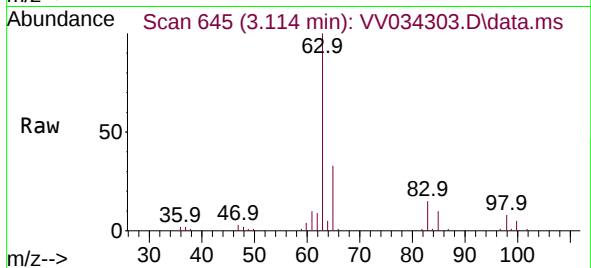
Tgt Ion: 63 Resp: 47568

Ion Ratio Lower Upper

63 100

65 32.7 20.8 38.6

83 14.9 9.4 17.4



#21

2-Butanone

Concen: 45.415 ug/L

RT: 3.879 min Scan# 883

Delta R.T. -0.035 min

Lab File: VV034303.D

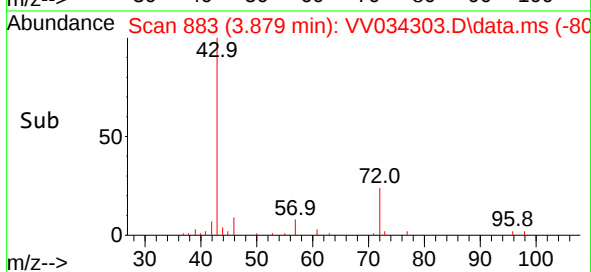
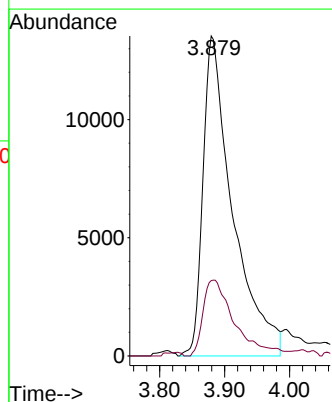
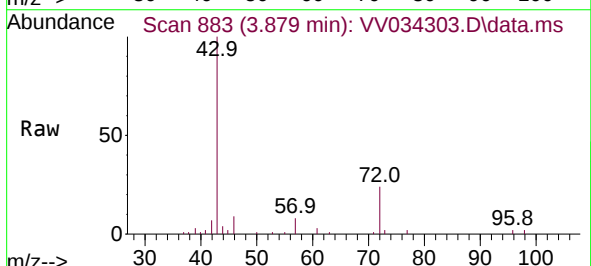
Acq: 21 Feb 2024 05:08

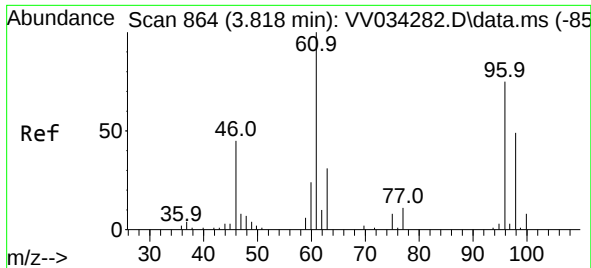
Tgt Ion: 43 Resp: 43073

Ion Ratio Lower Upper

43 100

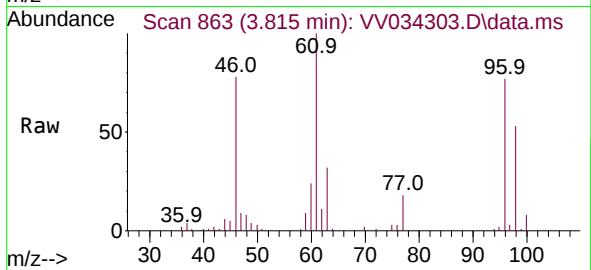
72 25.4 4.0 11.9#



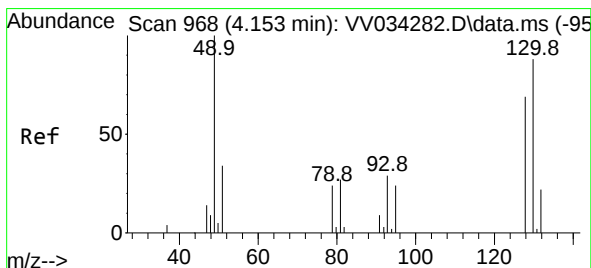
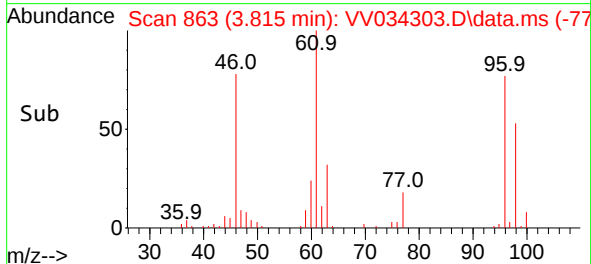
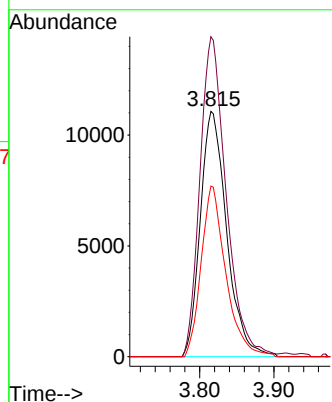


#22
 cis-1,2-Dichloroethene
 Concen: 4.657 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV034303.D
 Acq: 21 Feb 2024 05:08

Instrument :
 MSVOA_V
 ClientSampleId :

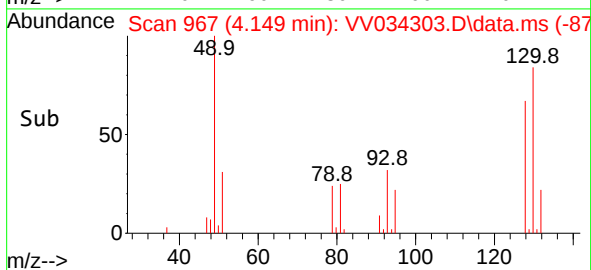
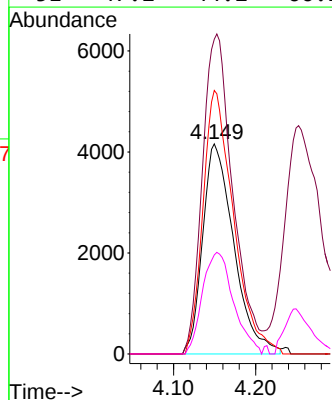
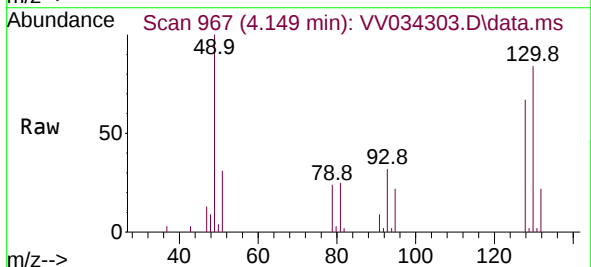


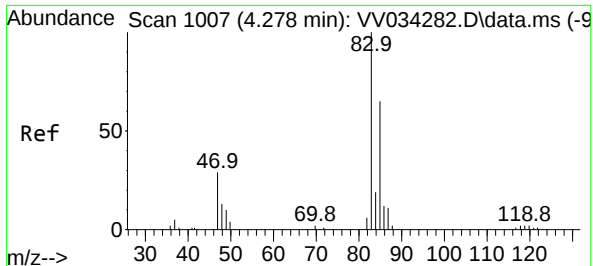
Tgt Ion: 96 Resp: 27343
 Ion Ratio Lower Upper
 96 100
 61 130.5 90.3 167.7
 98 69.5 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.378 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV034303.D
 Acq: 21 Feb 2024 05:08

Tgt Ion: 128 Resp: 10978
 Ion Ratio Lower Upper
 128 100
 49 149.8 120.5 223.7
 130 125.5 93.4 173.4
 51 47.2 44.2 66.2

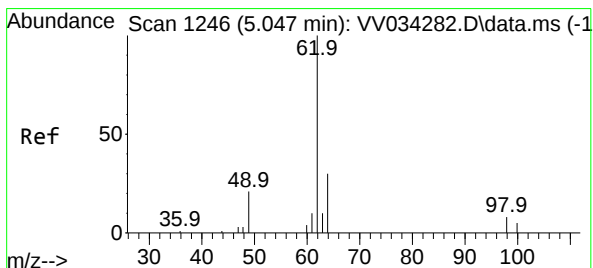
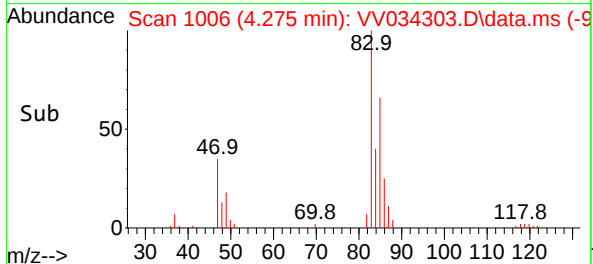
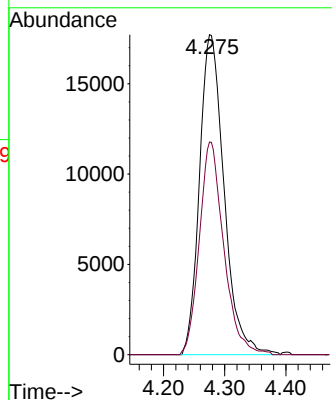
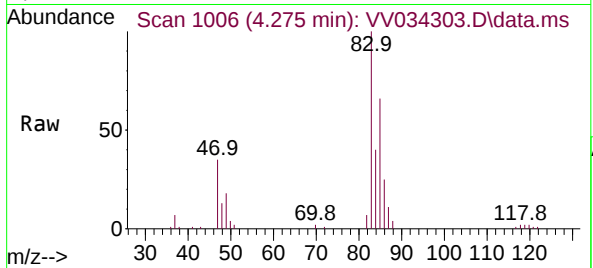




#25
Chloroform
Concen: 5.154 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

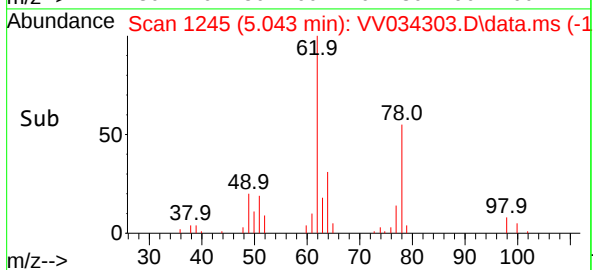
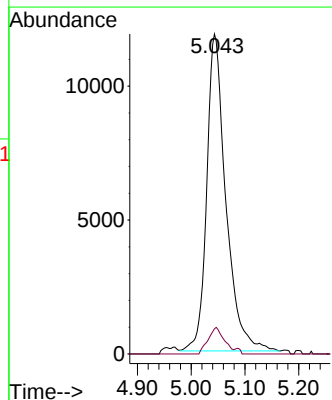
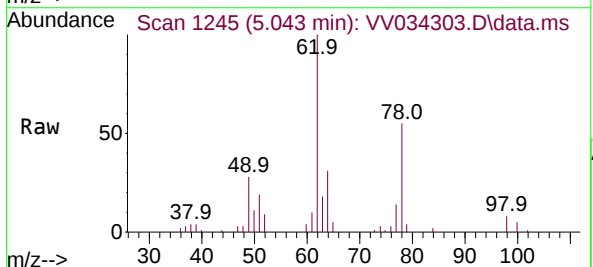
Instrument :
MSVOA_V
ClientSampleId :

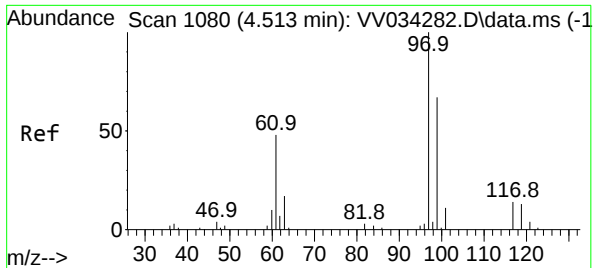
Tgt Ion: 83 Resp: 49544
Ion Ratio Lower Upper
83 100
85 66.5 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.321 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion: 62 Resp: 29285
Ion Ratio Lower Upper
62 100
98 7.9 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.285 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

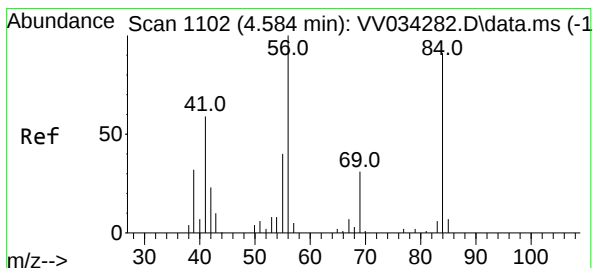
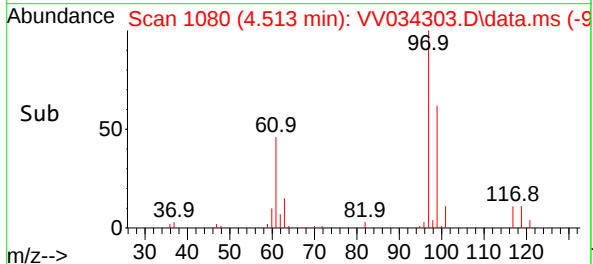
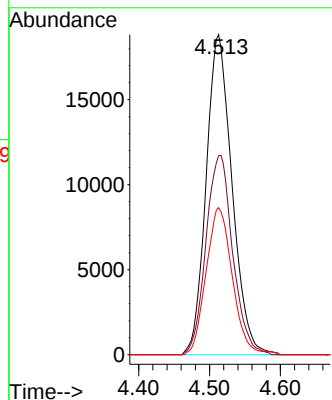
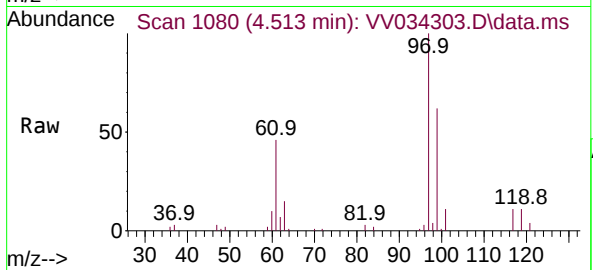
Tgt Ion: 97 Resp: 47795

Ion Ratio Lower Upper

97 100

99 64.4 50.6 75.8

61 46.3 36.8 55.2



#30

Cyclohexane

Concen: 4.716 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

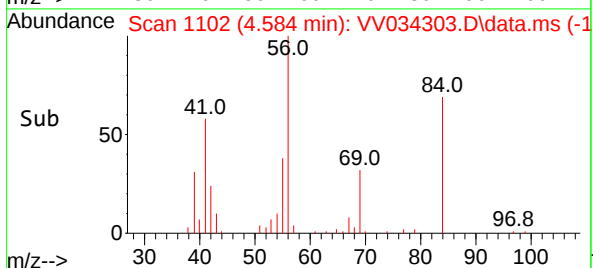
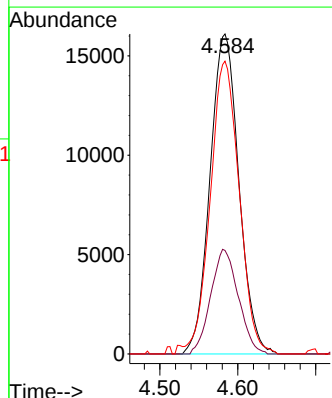
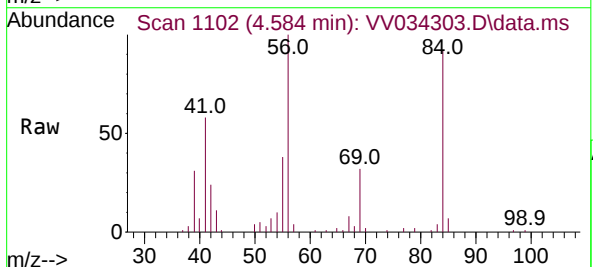
Tgt Ion: 56 Resp: 41479

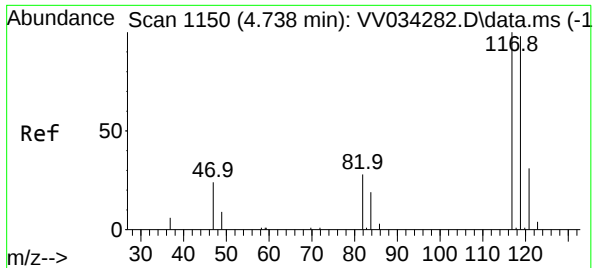
Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

84 91.7 70.0 105.0

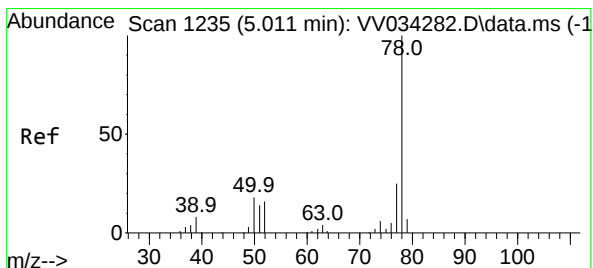
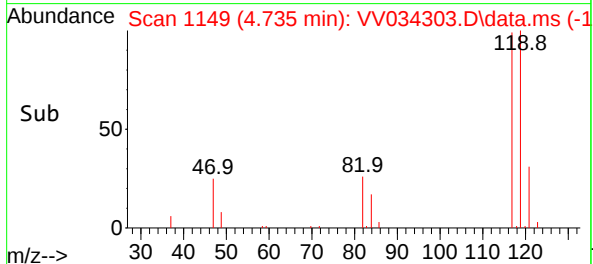
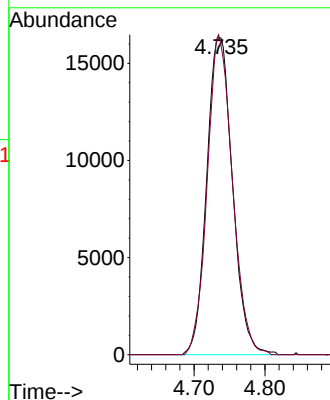
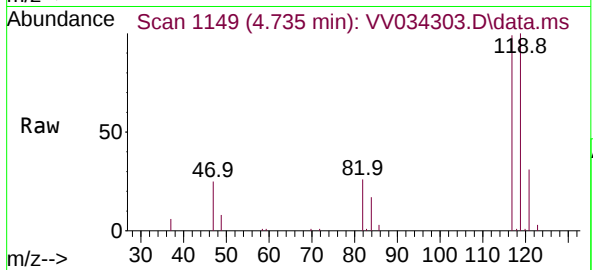




#31
Carbon tetrachloride
Concen: 5.225 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

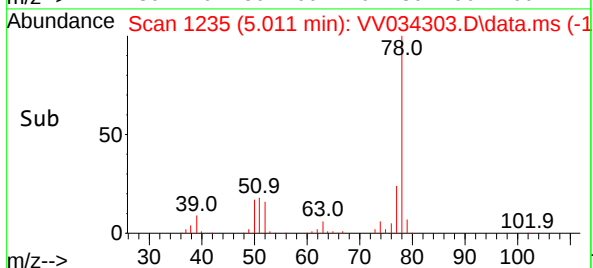
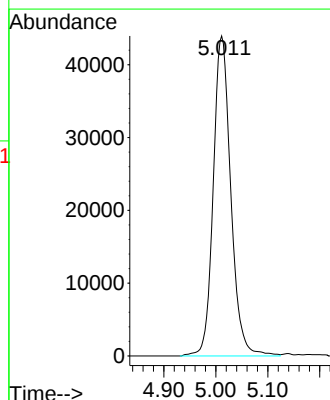
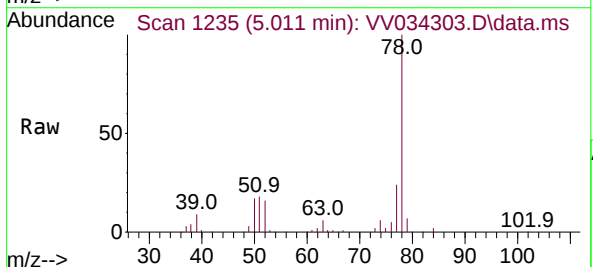
Instrument :
MSVOA_V
ClientSampleId :

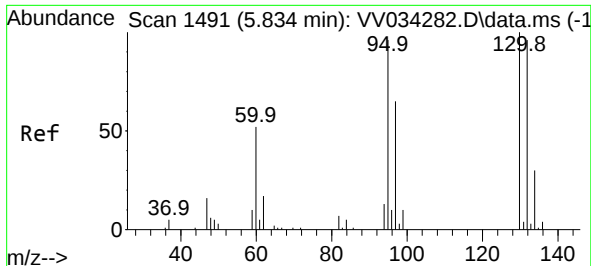
Tgt Ion:117 Resp: 41352
Ion Ratio Lower Upper
117 100
119 98.3 76.1 114.1



#33
Benzene
Concen: 5.106 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

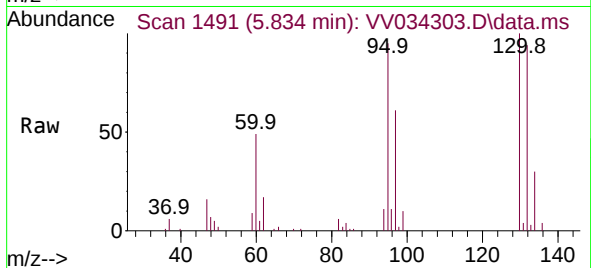
Tgt Ion: 78 Resp: 103174





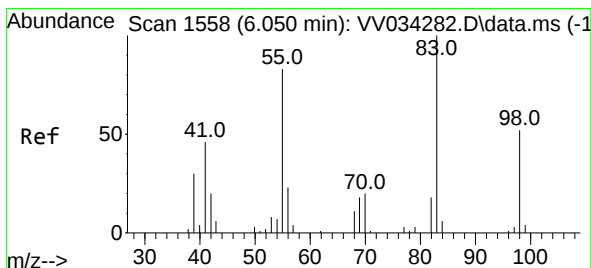
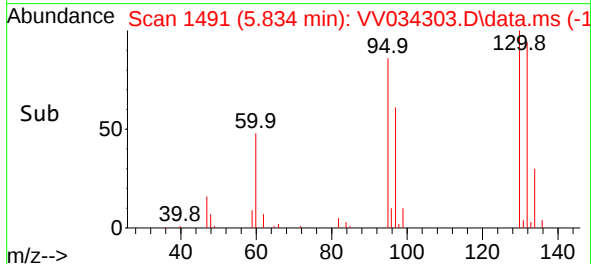
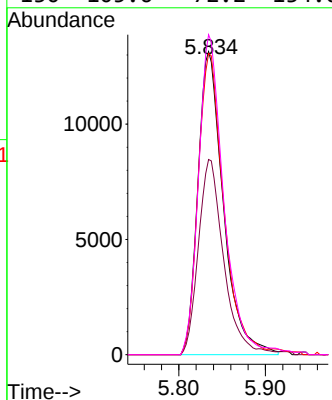
#34
Trichloroethene
Concen: 4.597 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 26883

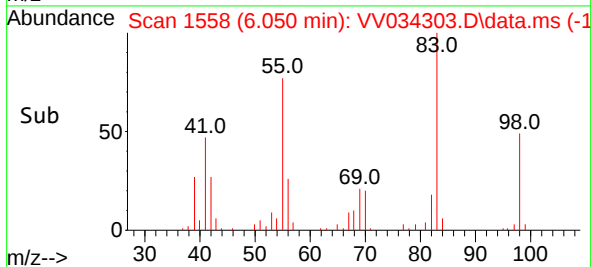
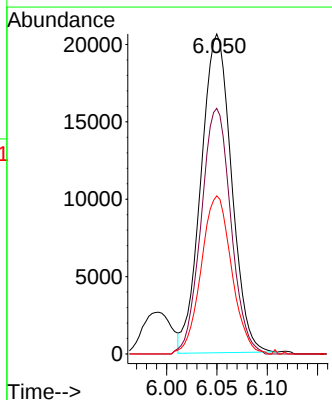
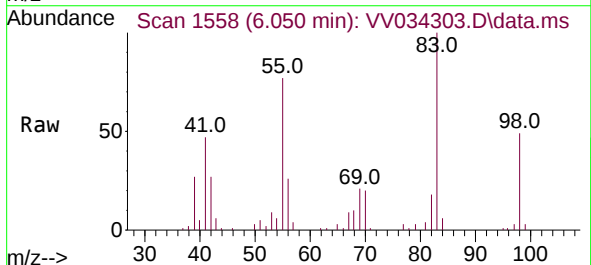
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.7
132	99.4	66.0	122.6
130	105.6	72.2	134.0

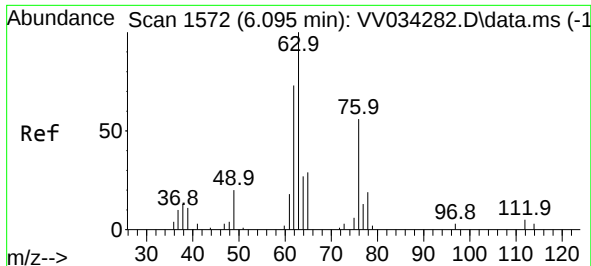


#35
Methylcyclohexane
Concen: 4.738 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion: 83 Resp: 43488

Ion	Ratio	Lower	Upper
83	100		
55	75.1	63.5	95.3
98	49.2	39.0	58.4





#37

1,2-Dichloropropane

Concen: 4.804 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

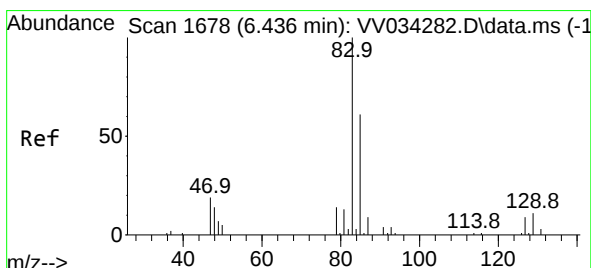
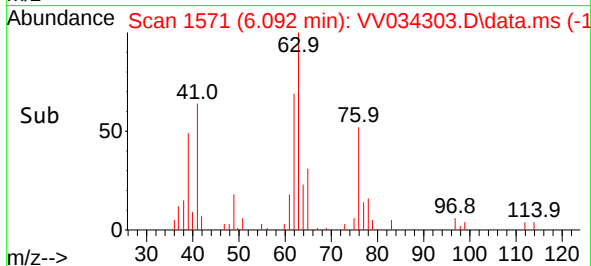
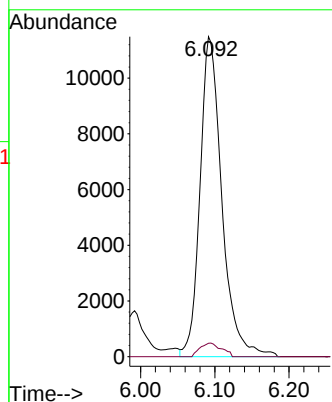
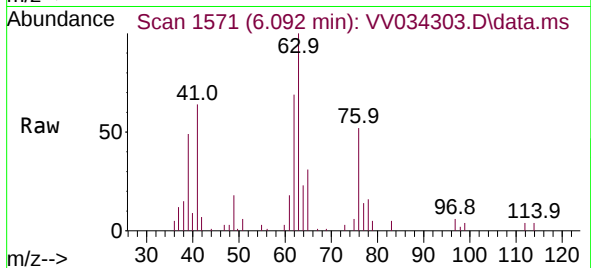
ClientSampleId :

Tgt Ion: 63 Resp: 23514

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.015 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

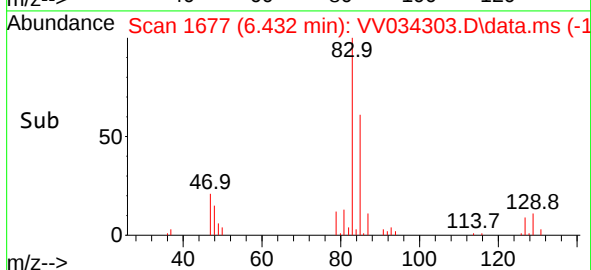
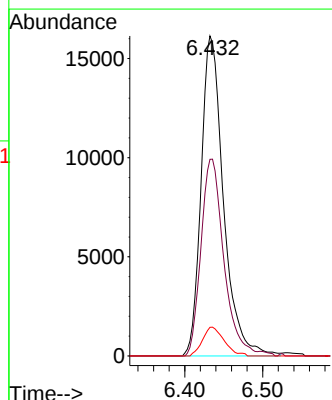
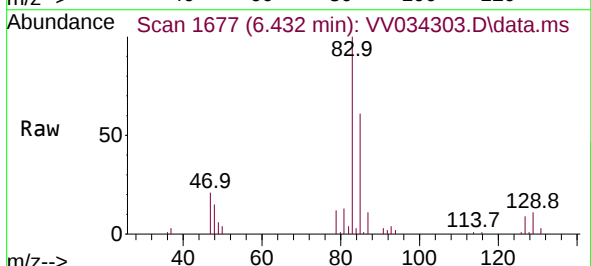
Tgt Ion: 83 Resp: 32220

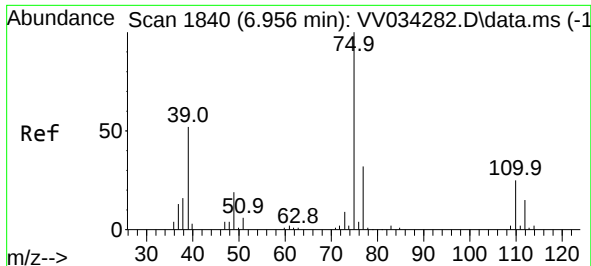
Ion Ratio Lower Upper

83 100

85 61.4 45.4 84.2

127 8.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 3.874 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

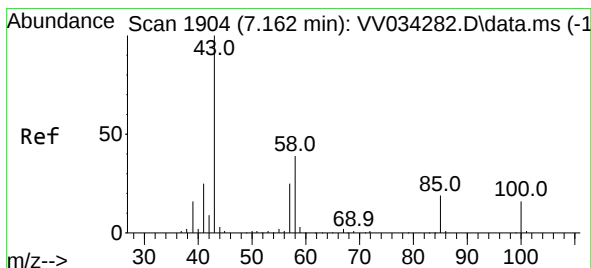
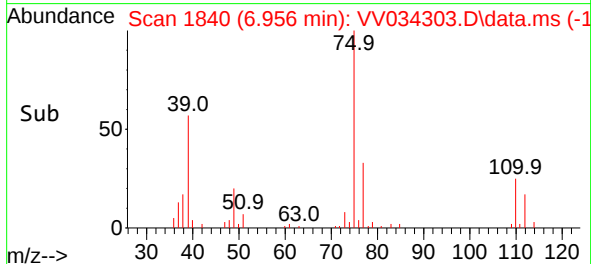
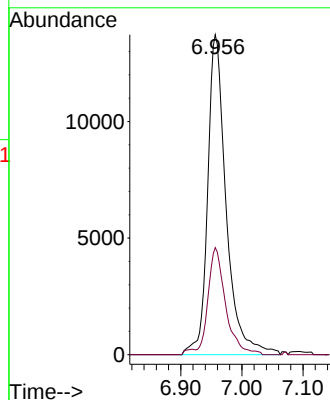
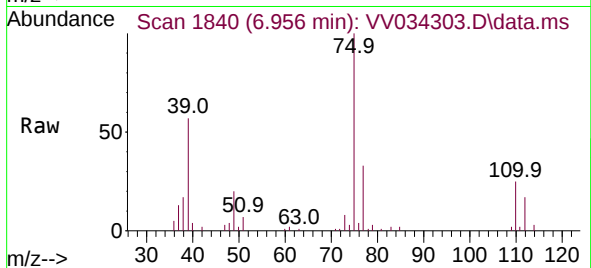
ClientSampleId :

Tgt Ion: 75 Resp: 28848

Ion Ratio Lower Upper

75 100

77 33.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 48.481 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

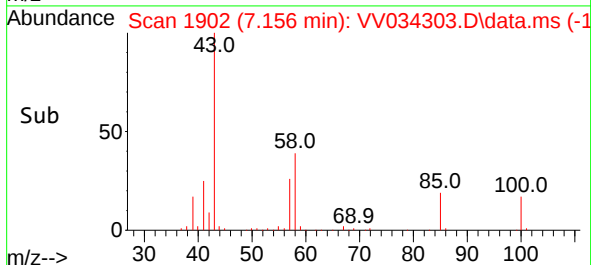
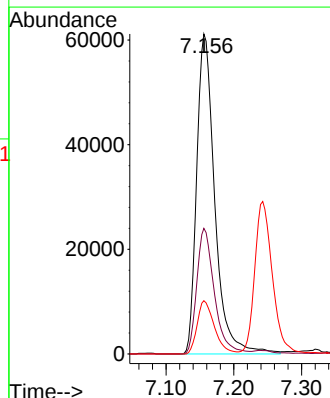
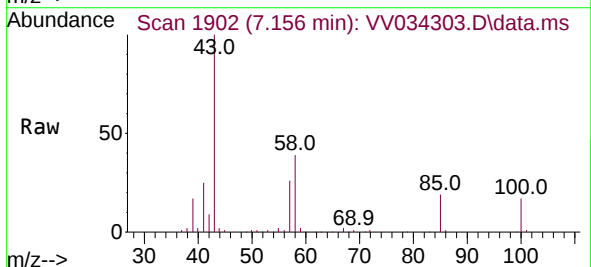
Tgt Ion: 43 Resp: 113625

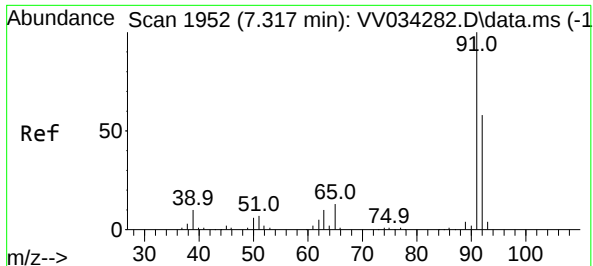
Ion Ratio Lower Upper

43 100

58 38.2 30.2 45.2

100 15.8 12.1 18.1





#42

Toluene

Concen: 5.237 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

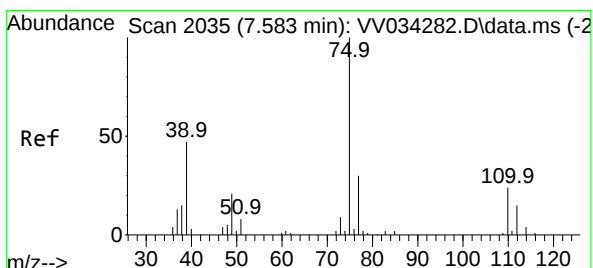
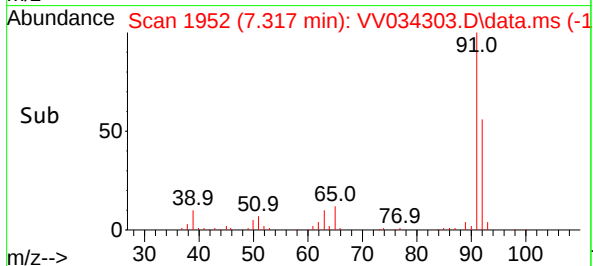
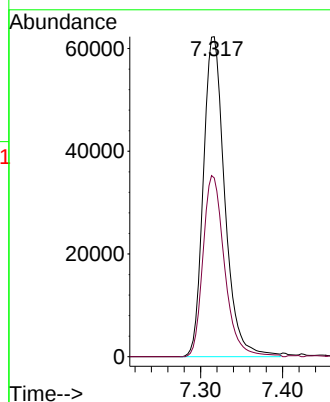
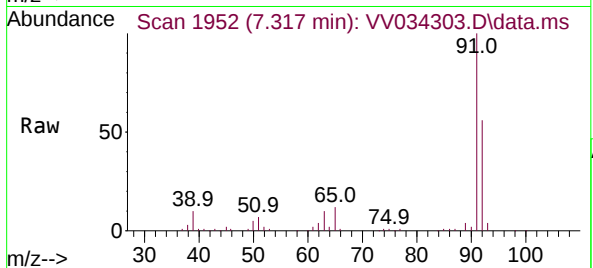
ClientSampleId :

Tgt Ion: 91 Resp: 113097

Ion Ratio Lower Upper

91 100

92 55.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 3.850 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034303.D

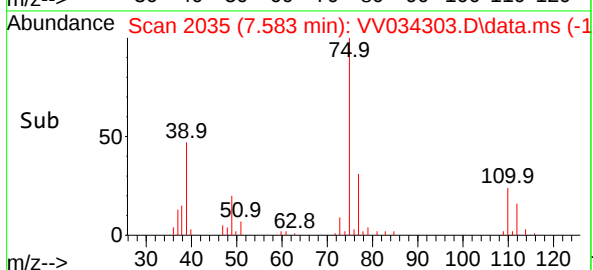
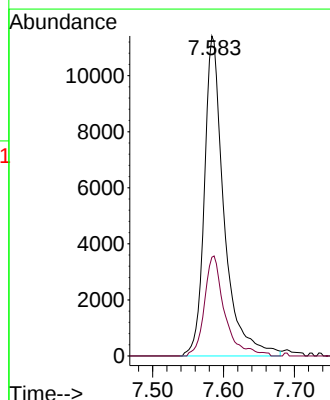
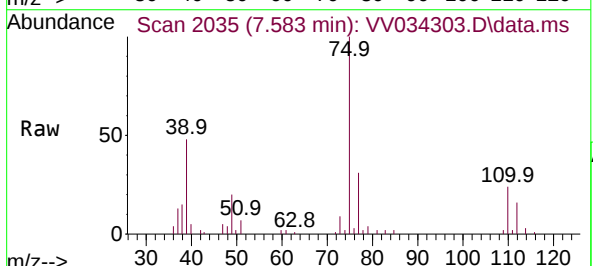
Acq: 21 Feb 2024 05:08

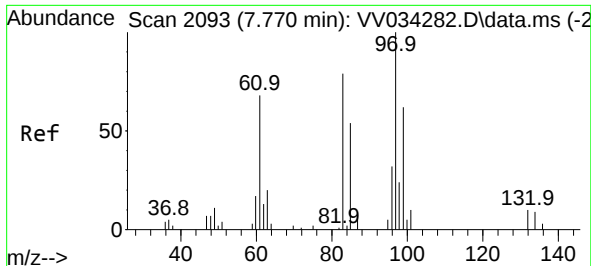
Tgt Ion: 75 Resp: 22016

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2

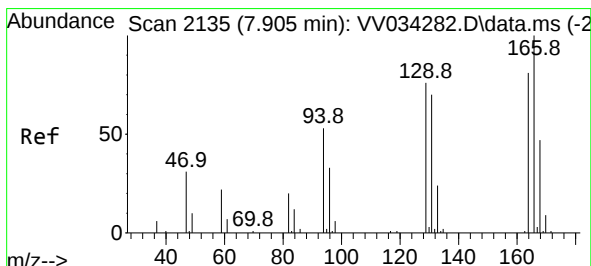
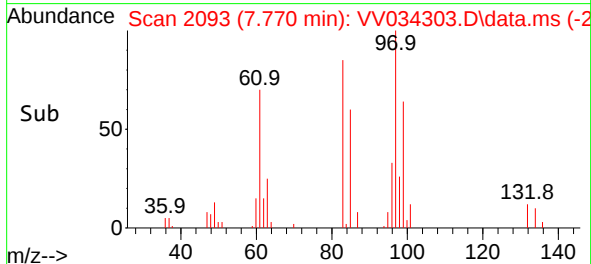
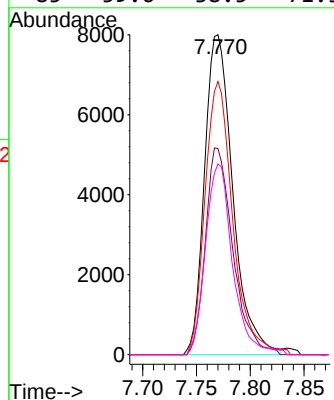
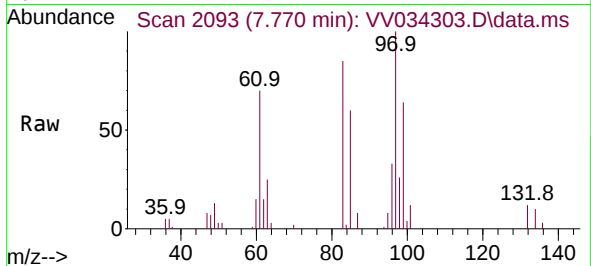




#45
1,1,2-Trichloroethane
Concen: 4.848 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

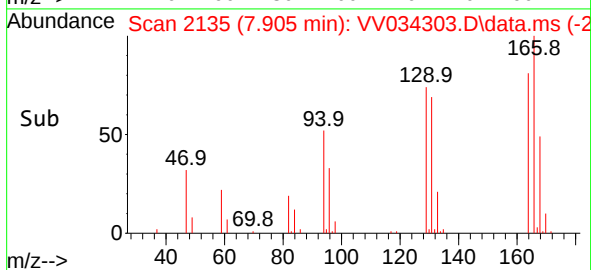
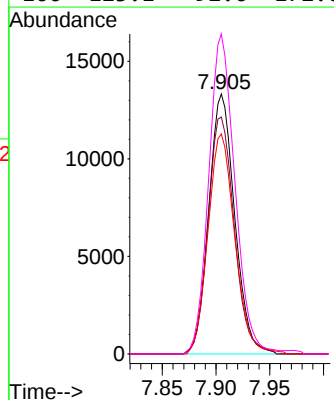
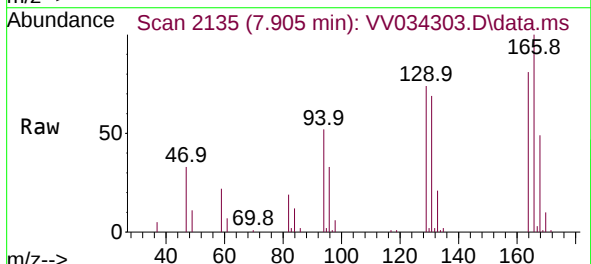
Instrument :
MSVOA_V
ClientSampleId :

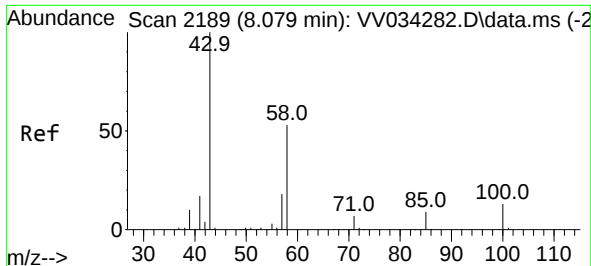
Tgt Ion:	97	Resp:	14650
Ion	Ratio	Lower	Upper
97	100		
99	64.5	45.6	84.6
83	85.4	62.3	115.7
85	59.6	38.5	71.5



#47
Tetrachloroethene
Concen: 4.719 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion:	164	Resp:	22422
Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.8	125.8
131	84.7	63.0	117.0
166	123.1	92.6	172.0

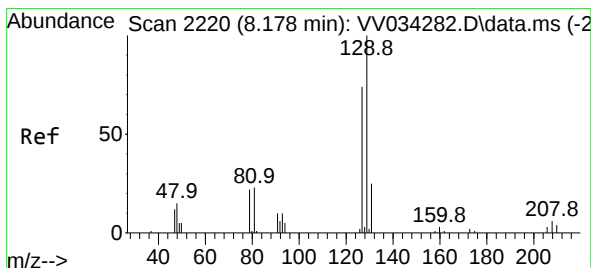
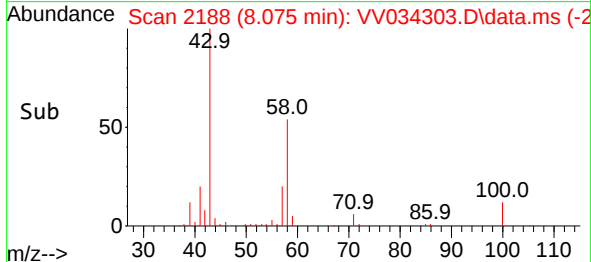
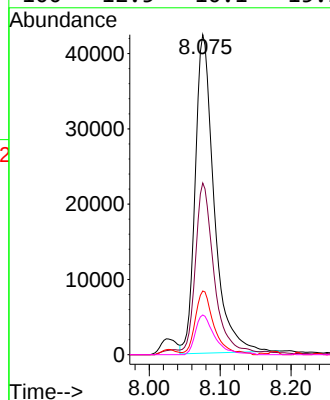
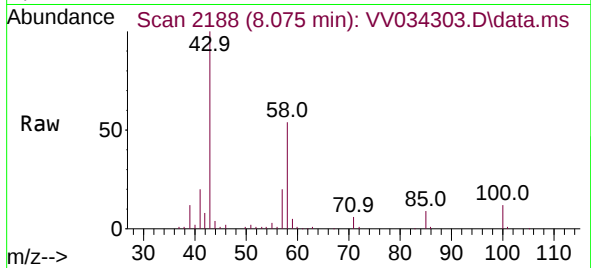




#48
2-Hexanone
Concen: 47.487 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

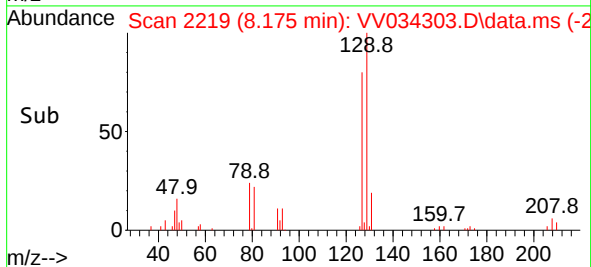
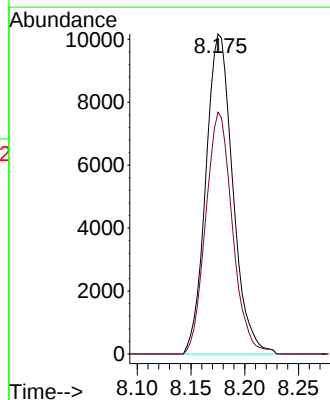
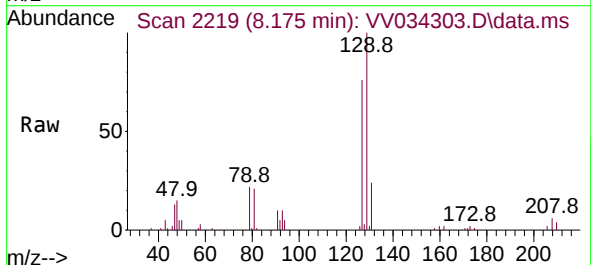
Instrument :
MSVOA_V
ClientSampleId :

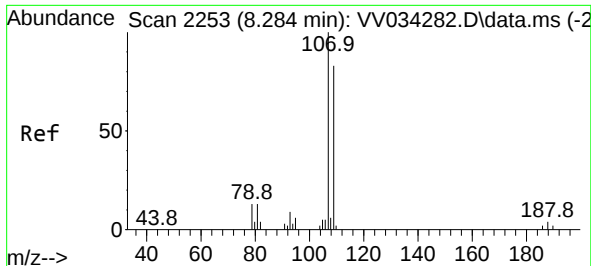
Tgt Ion:	43	Resp:	78450
Ion	Ratio	Lower	Upper
43	100		
58	51.7	42.6	64.0
57	19.8	15.5	23.3
100	12.5	10.1	15.1



#49
Dibromochloromethane
Concen: 4.949 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion:	129	Resp:	17773
Ion	Ratio	Lower	Upper
129	100		
127	75.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.058 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034303.D

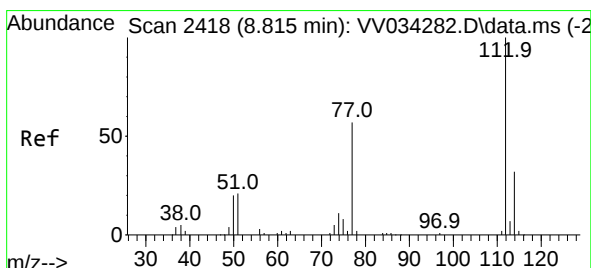
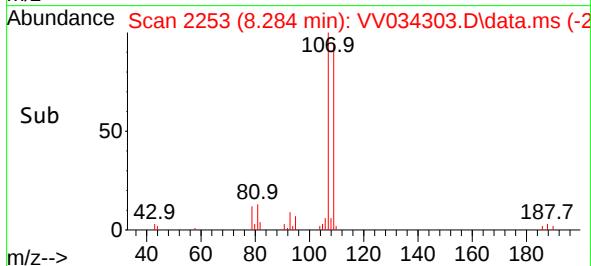
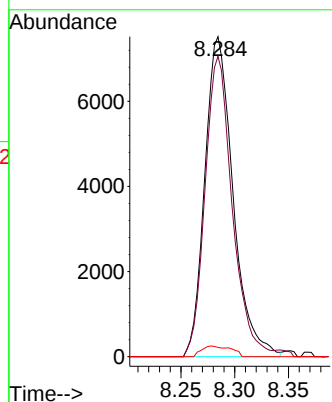
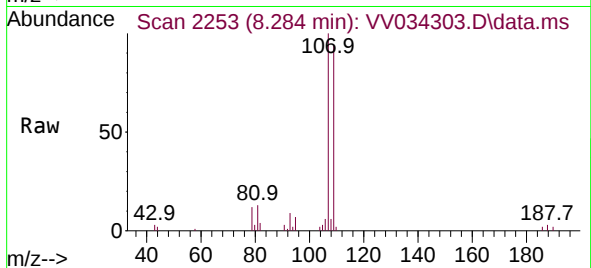
Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	13720
Ion Ratio	Lower	Upper
107	100	
109	93.9	64.5 119.9
188	2.9	2.6 4.0



#51

Chlorobenzene

Concen: 5.049 ug/L

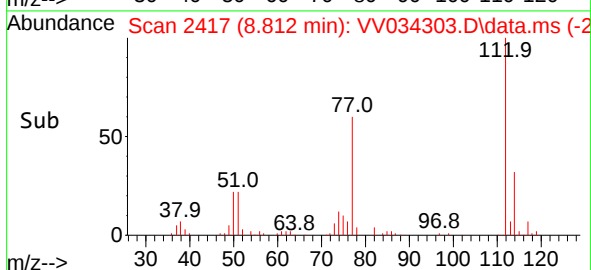
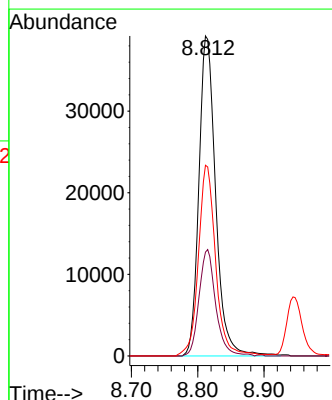
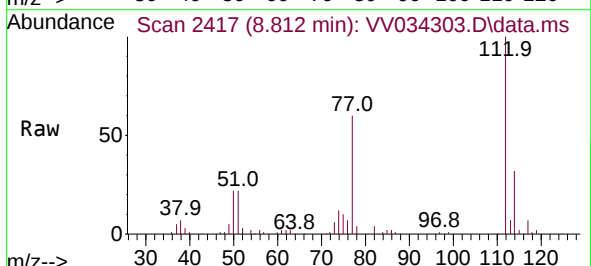
RT: 8.812 min Scan# 2417

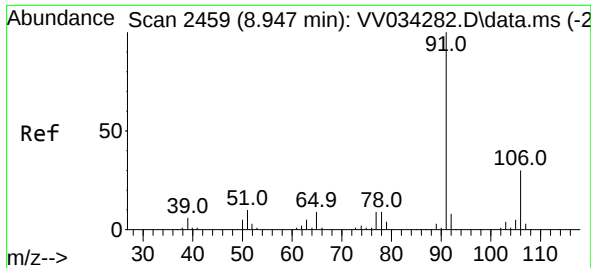
Delta R.T. -0.003 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Tgt Ion:112	Resp:	68941
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.5 41.7
77	59.6	48.1 72.1

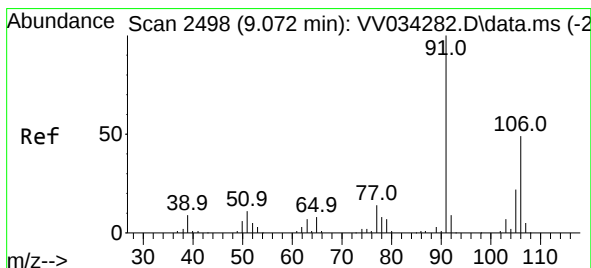
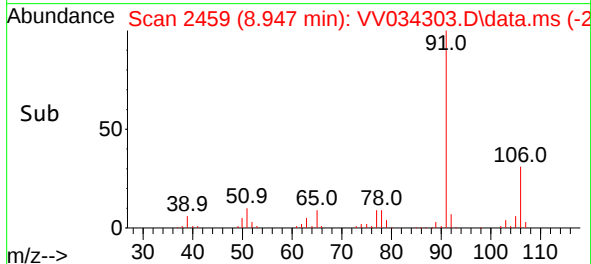
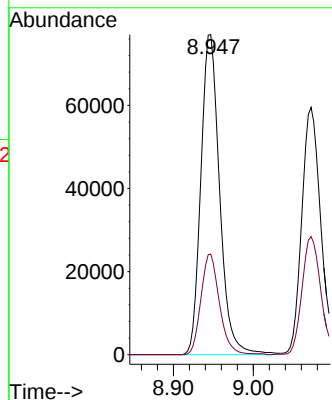
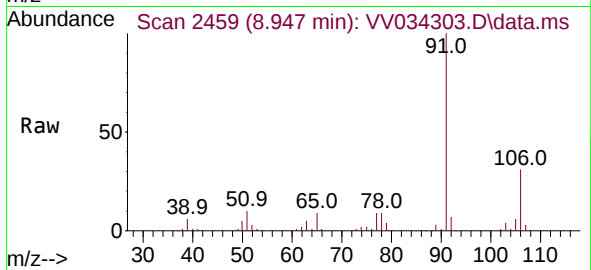




#52
Ethylbenzene
Concen: 5.074 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

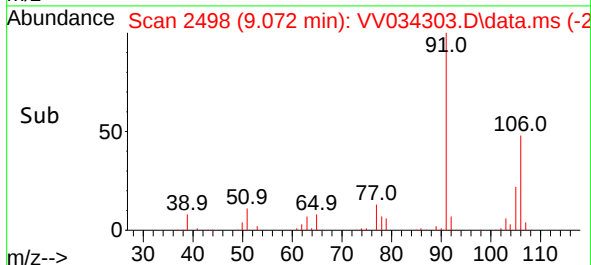
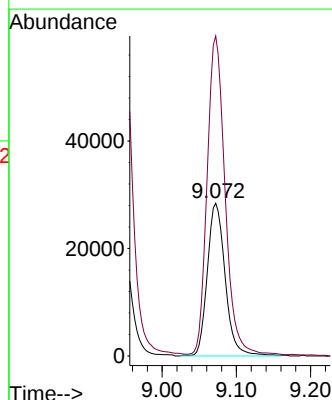
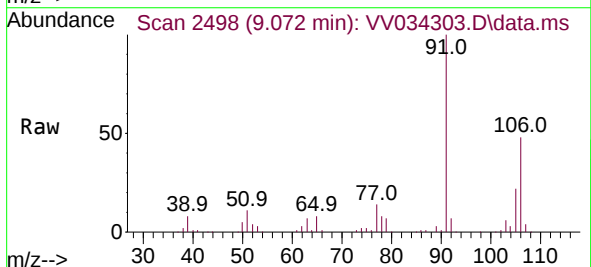
Instrument :
MSVOA_V
ClientSampleId :

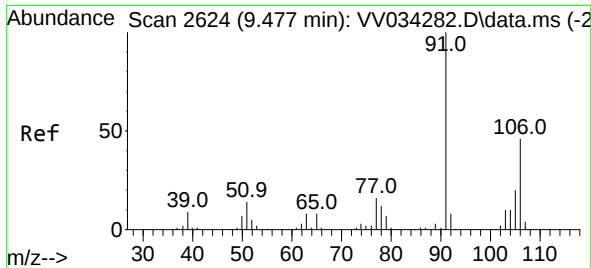
Tgt Ion: 91 Resp: 126130
Ion Ratio Lower Upper
91 100
106 31.4 21.4 39.8



#53
m,p-Xylene
Concen: 5.057 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion: 106 Resp: 47501
Ion Ratio Lower Upper
106 100
91 209.4 147.5 273.9

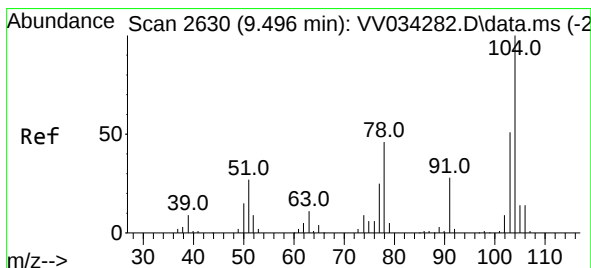
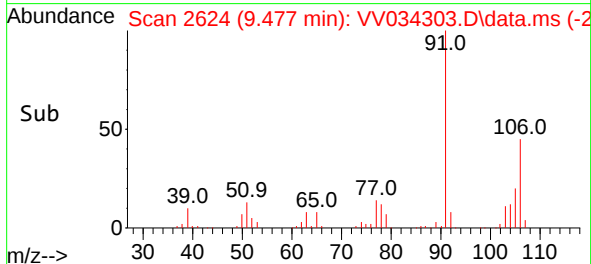
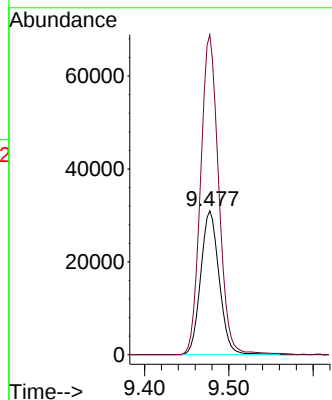
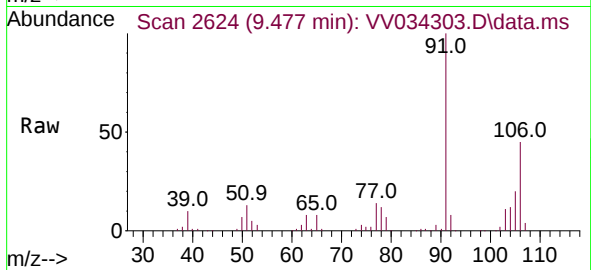




#54
o-Xylene
Concen: 5.222 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

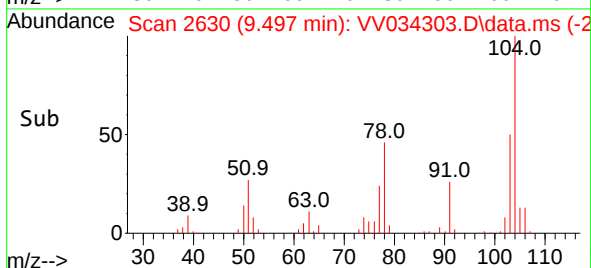
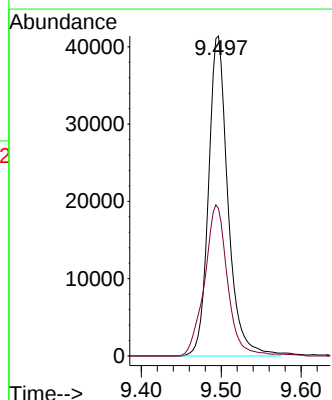
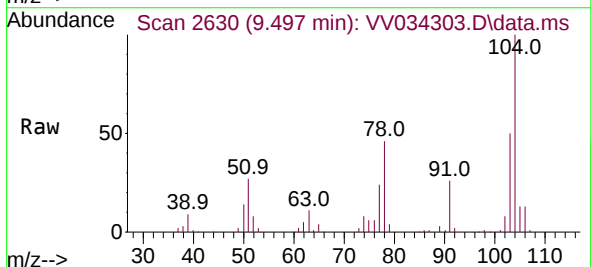
Instrument :
MSVOA_V
ClientSampleId :

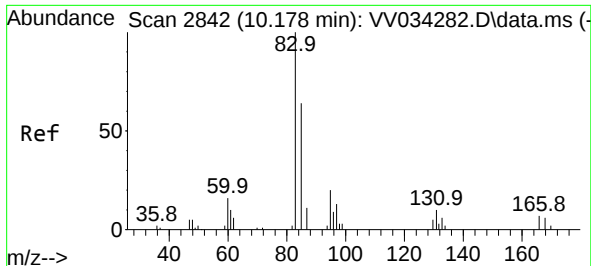
Tgt Ion:106 Resp: 47297
Ion Ratio Lower Upper
106 100
91 222.4 156.2 290.0



#55
Styrene
Concen: 4.837 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion:104 Resp: 70147
Ion Ratio Lower Upper
104 100
78 46.1 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.002 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034303.D

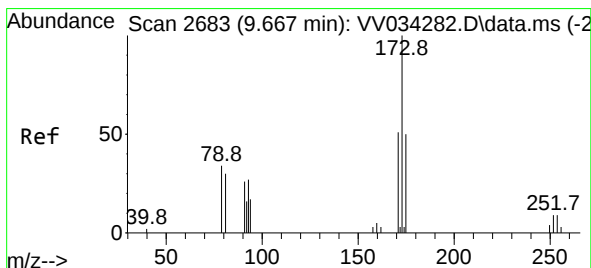
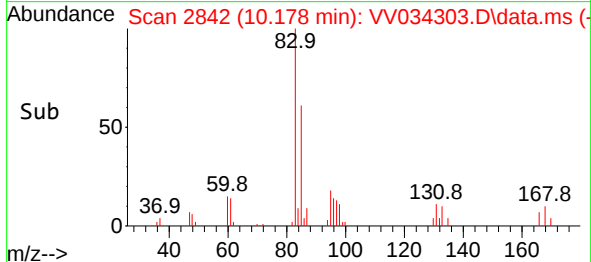
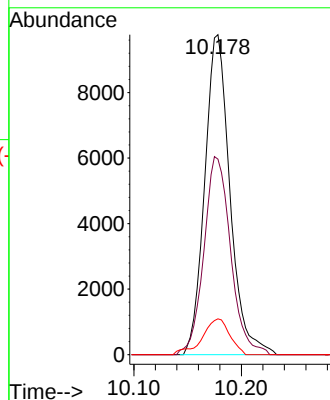
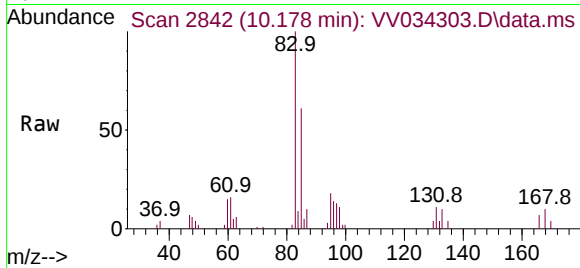
Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	15955
Ion Ratio	Lower	Upper	
83	100		
85	61.1	46.5	86.3
131	11.2	8.4	12.6



#59

Bromoform

Concen: 4.221 ug/L

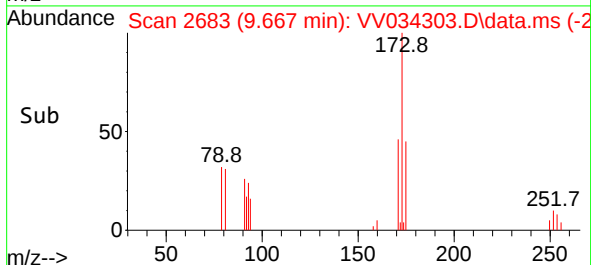
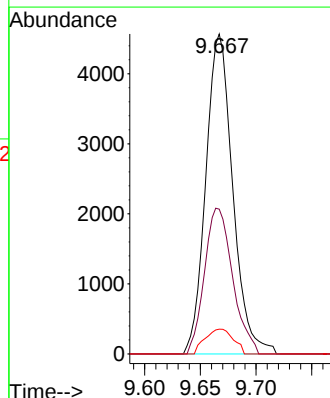
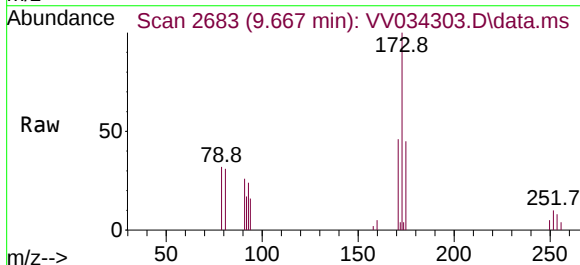
RT: 9.667 min Scan# 2683

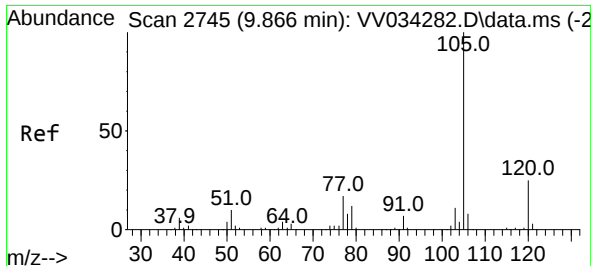
Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Tgt Ion:	173	Resp:	7695
Ion Ratio	Lower	Upper	
173	100		
175	47.5	38.6	57.8
254	8.1	7.2	10.8

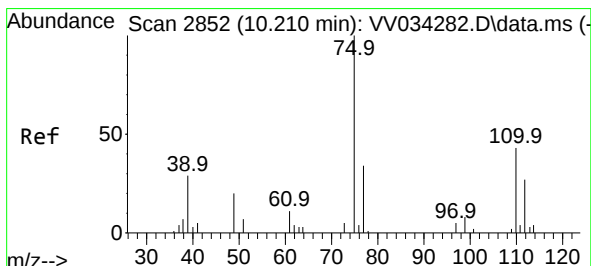
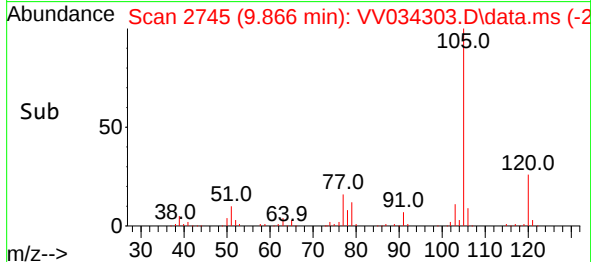
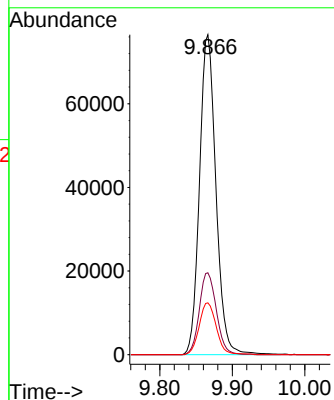
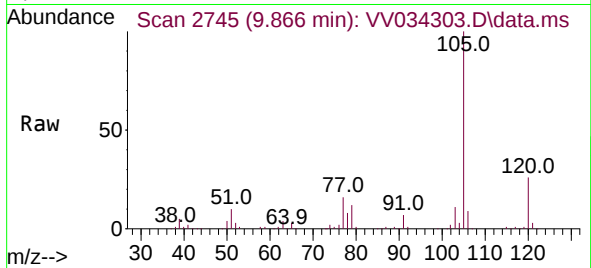




#60
Isopropylbenzene
Concen: 4.916 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

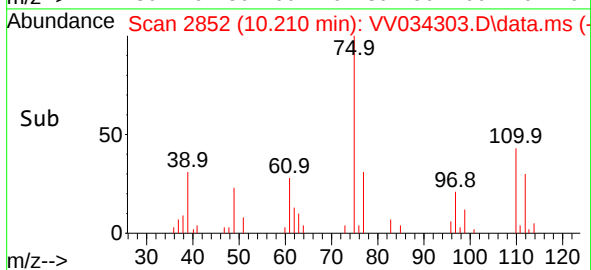
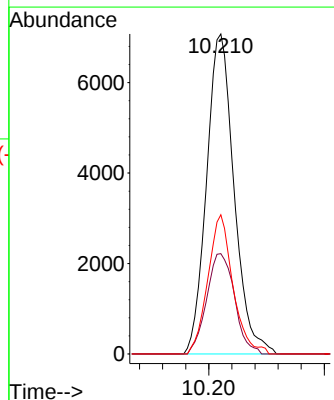
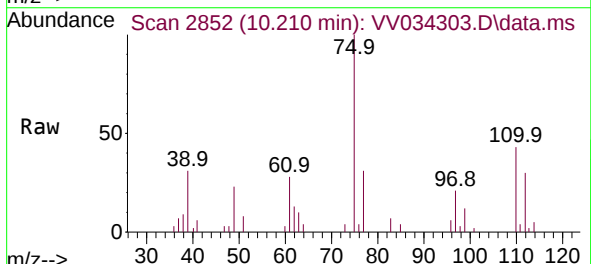
Instrument :
MSVOA_V
ClientSampleId :

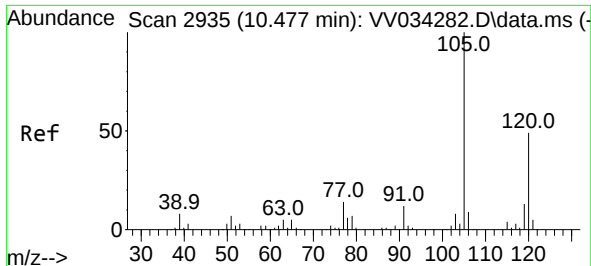
Tgt Ion:105 Resp: 120372
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.141 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion: 75 Resp: 11698
Ion Ratio Lower Upper
75 100
77 31.7 26.9 40.3
110 39.6 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.020 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

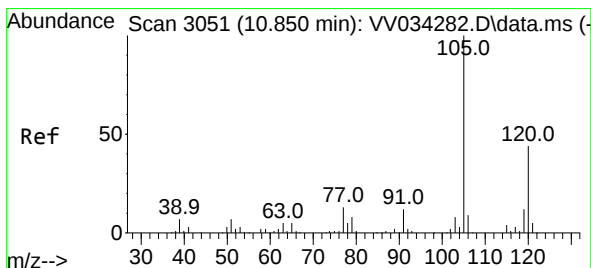
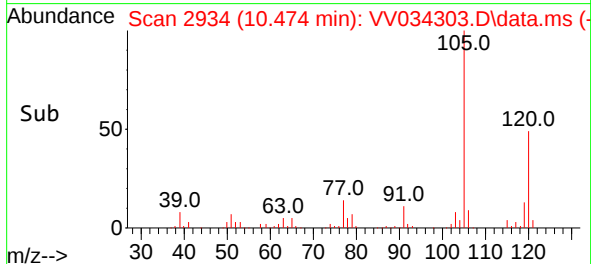
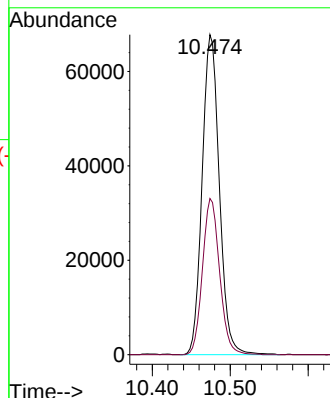
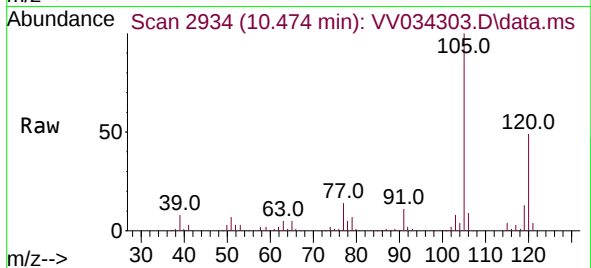
ClientSampleId :

Tgt Ion:105 Resp: 103919

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.081 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034303.D

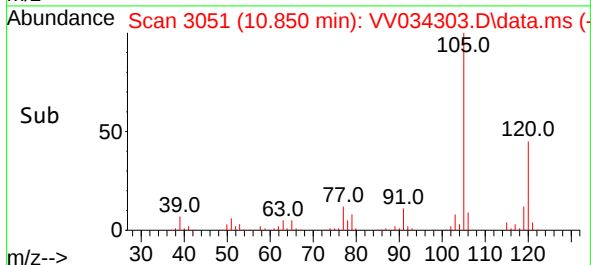
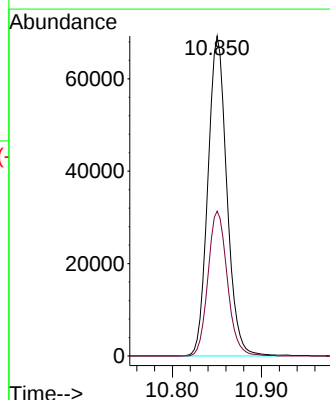
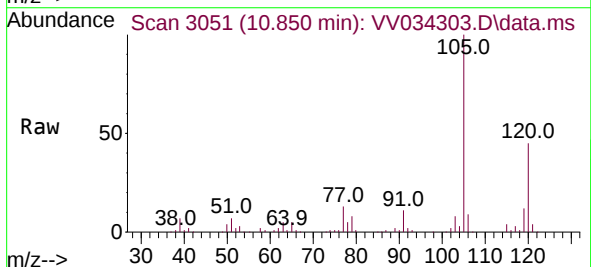
Acq: 21 Feb 2024 05:08

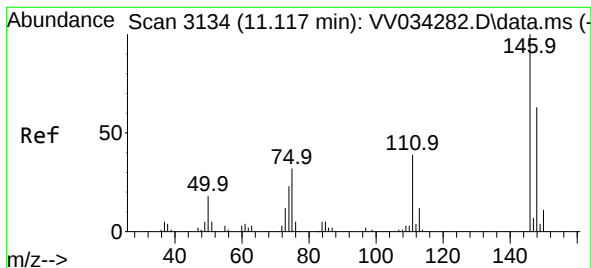
Tgt Ion:105 Resp: 102214

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.176 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

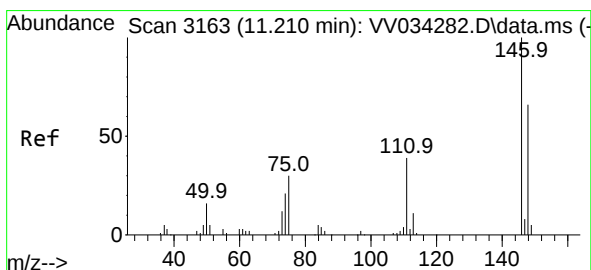
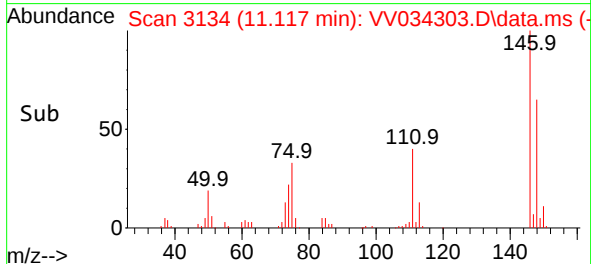
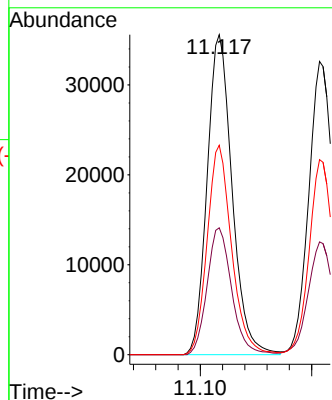
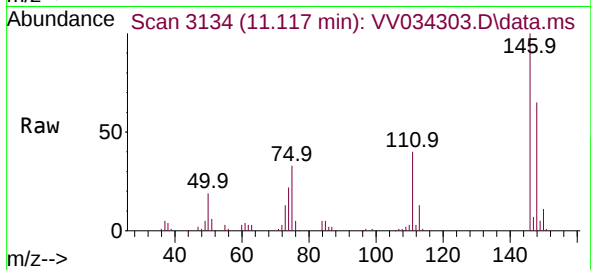
Tgt Ion:146 Resp: 55271

Ion Ratio Lower Upper

146 100

111 39.6 28.5 52.9

148 65.4 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.909 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

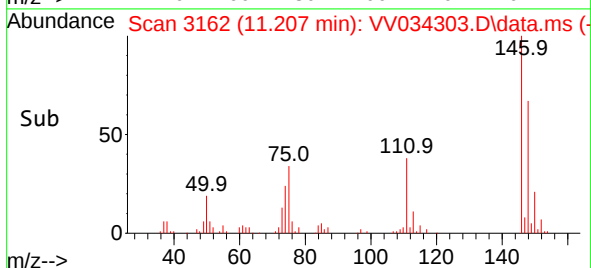
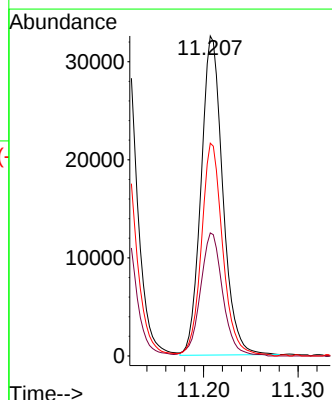
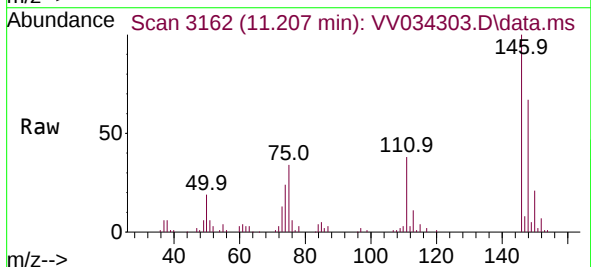
Tgt Ion:146 Resp: 51898

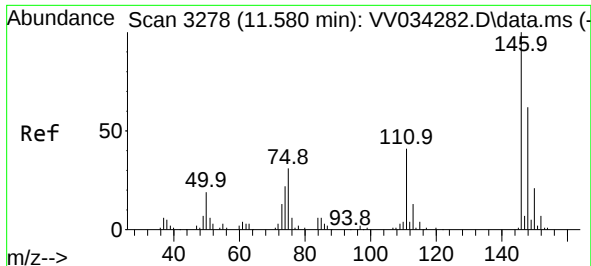
Ion Ratio Lower Upper

146 100

111 38.4 27.6 51.4

148 66.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.349 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :

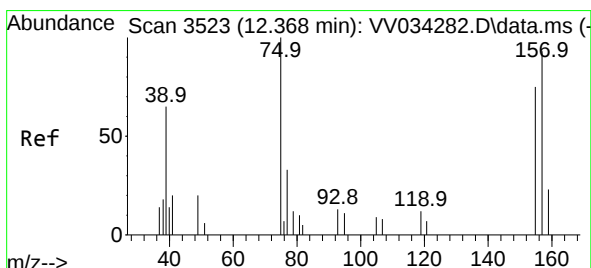
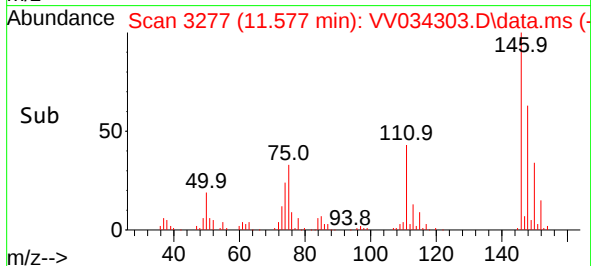
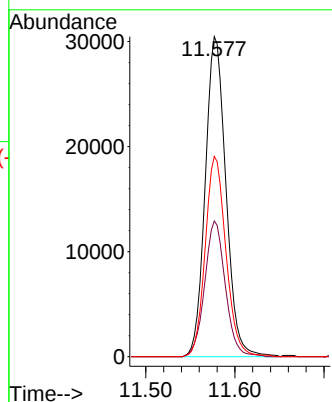
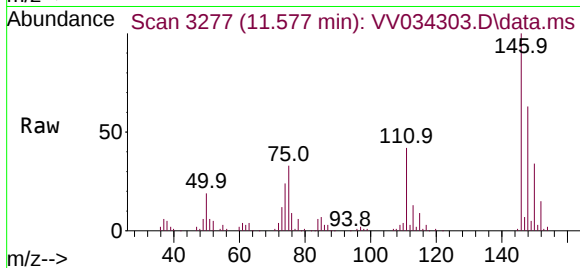
Tgt Ion:146 Resp: 49049

Ion Ratio Lower Upper

146 100

111 42.4 31.2 46.8

148 62.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.595 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

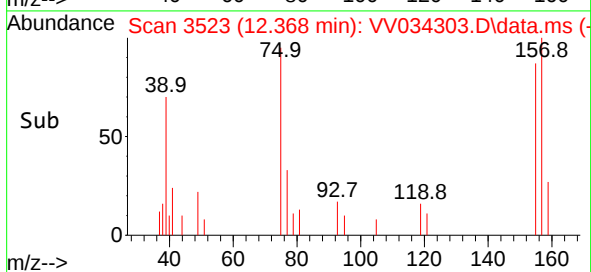
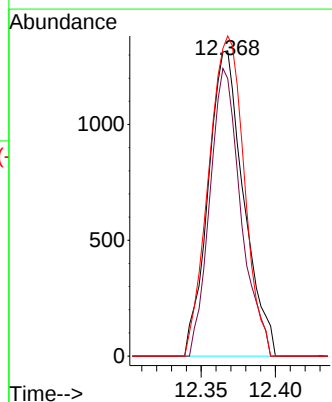
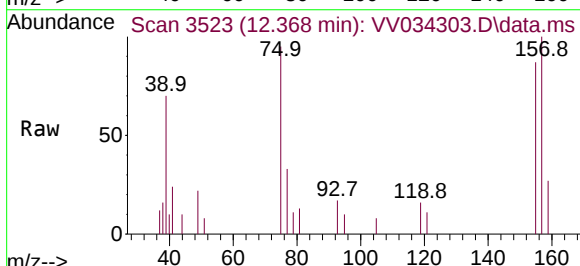
Tgt Ion: 75 Resp: 2191

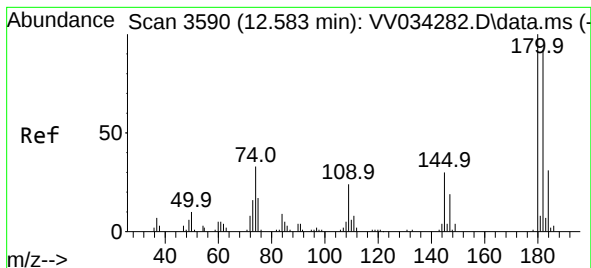
Ion Ratio Lower Upper

75 100

155 90.9 68.9 103.3

157 104.9 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.971 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.003 min

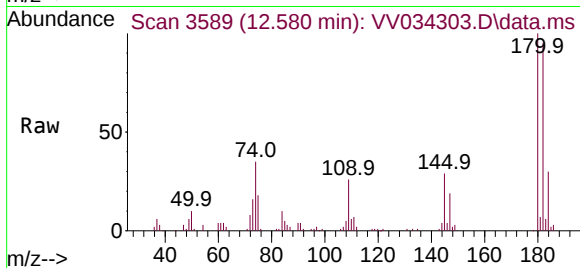
Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 41074

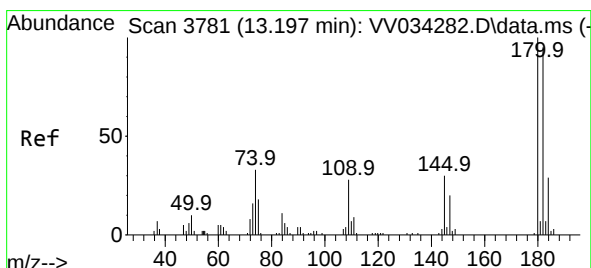
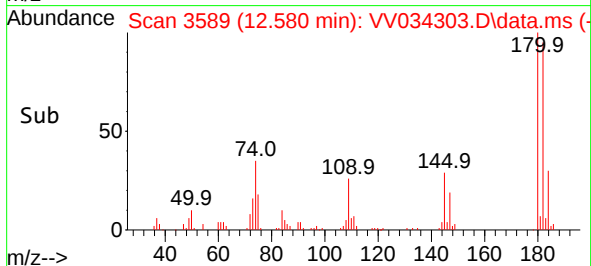
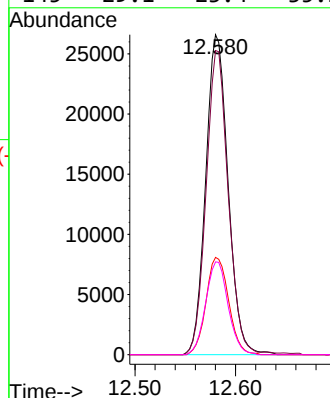
Ion Ratio Lower Upper

180 100

182 93.7 77.0 115.4

184 30.8 23.8 35.6

145 29.1 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.989 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034303.D

Acq: 21 Feb 2024 05:08

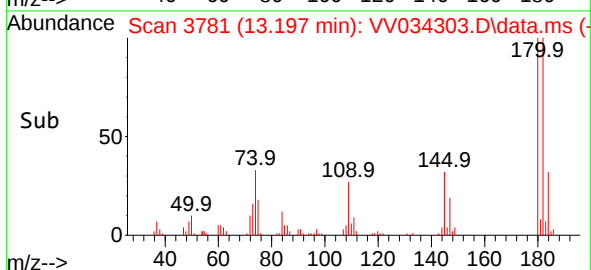
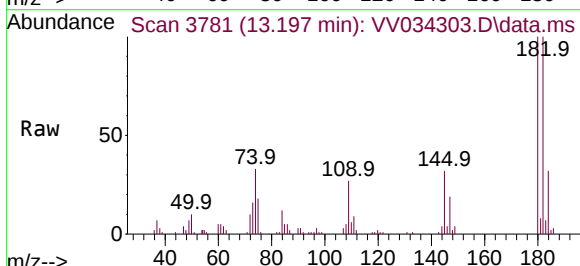
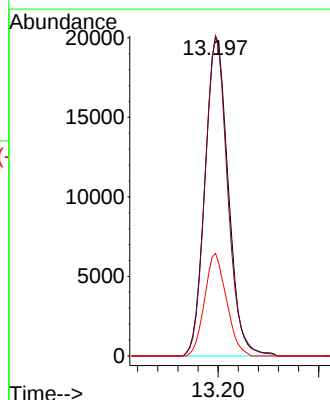
Tgt Ion:180 Resp: 32181

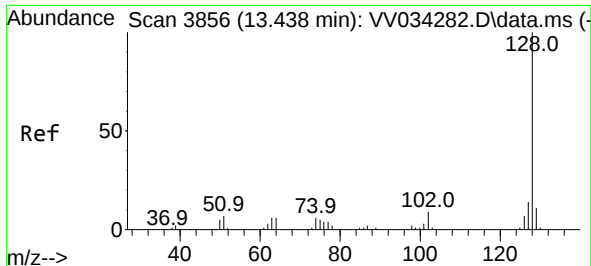
Ion Ratio Lower Upper

180 100

182 97.6 76.8 115.2

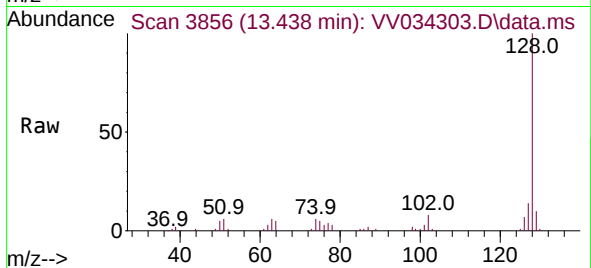
145 30.2 24.8 37.2



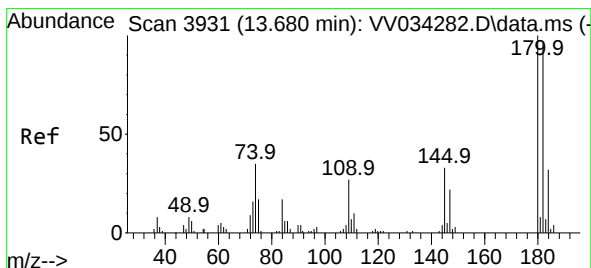
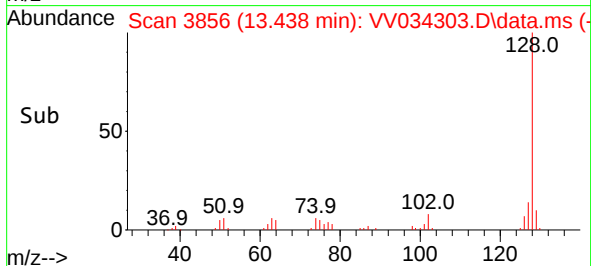
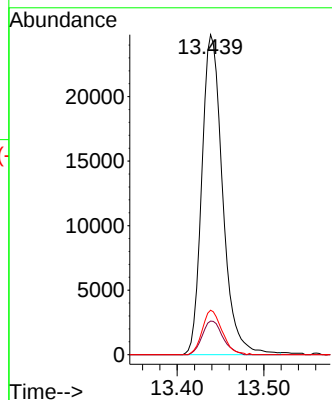


#71
Naphthalene
Concen: 4.892 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 41350
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.216 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV034303.D
Acq: 21 Feb 2024 05:08

Tgt Ion:180 Resp: 26959
Ion Ratio Lower Upper
180 100
182 94.7 75.0 112.6
145 32.5 25.2 37.8

