

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034122.D
 Acq On : 09 Feb 2024 19:16
 Operator : SY/MD
 Sample : P1384-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC6MSD

Quant Time: Feb 09 23:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	73872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	68524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25387	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.532	69	21300	4.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.059	65	12189	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.789	46	45291	47.136	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	4.252	84	48397	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.947	65	24367	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.963	84	88190	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.989	67	23959	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.246	98	83168	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	9969	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.024	63	37434	48.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16653	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30351	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31002	4.580	ug/L	99
3) Chloromethane	1.217	50	32689	4.427	ug/L	99
5) Vinyl chloride	1.285	62	33639	4.767	ug/L	88
6) Bromomethane	1.487	94	18614	5.009	ug/L	97
8) Chloroethane	1.548	64	20482	4.255	ug/L	97
9) Trichlorofluoromethane	1.715	101	55317	5.440	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27820	5.234	ug/L	100
12) 1,1-Dichloroethene	2.069	96	26085	5.055	ug/L	98
13) Acetone	2.111	43	35450	48.631	ug/L #	35
14) Carbon disulfide	2.240	76	72019	4.313	ug/L	99
15) Methyl Acetate	2.378	43	7507	4.351	ug/L	93
16) Methylene chloride	2.449	84	24049	4.857	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	58198	5.489	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	24643	4.688	ug/L	100
19) 1,1-Dichloroethane	3.114	63	46871	4.853	ug/L	96
21) 2-Butanone	3.873	43	46440	48.209	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	28533	4.785	ug/L	97
23) Bromochloromethane	4.153	128	11634	5.612	ug/L	91
25) Chloroform	4.278	83	49832	5.104	ug/L	94

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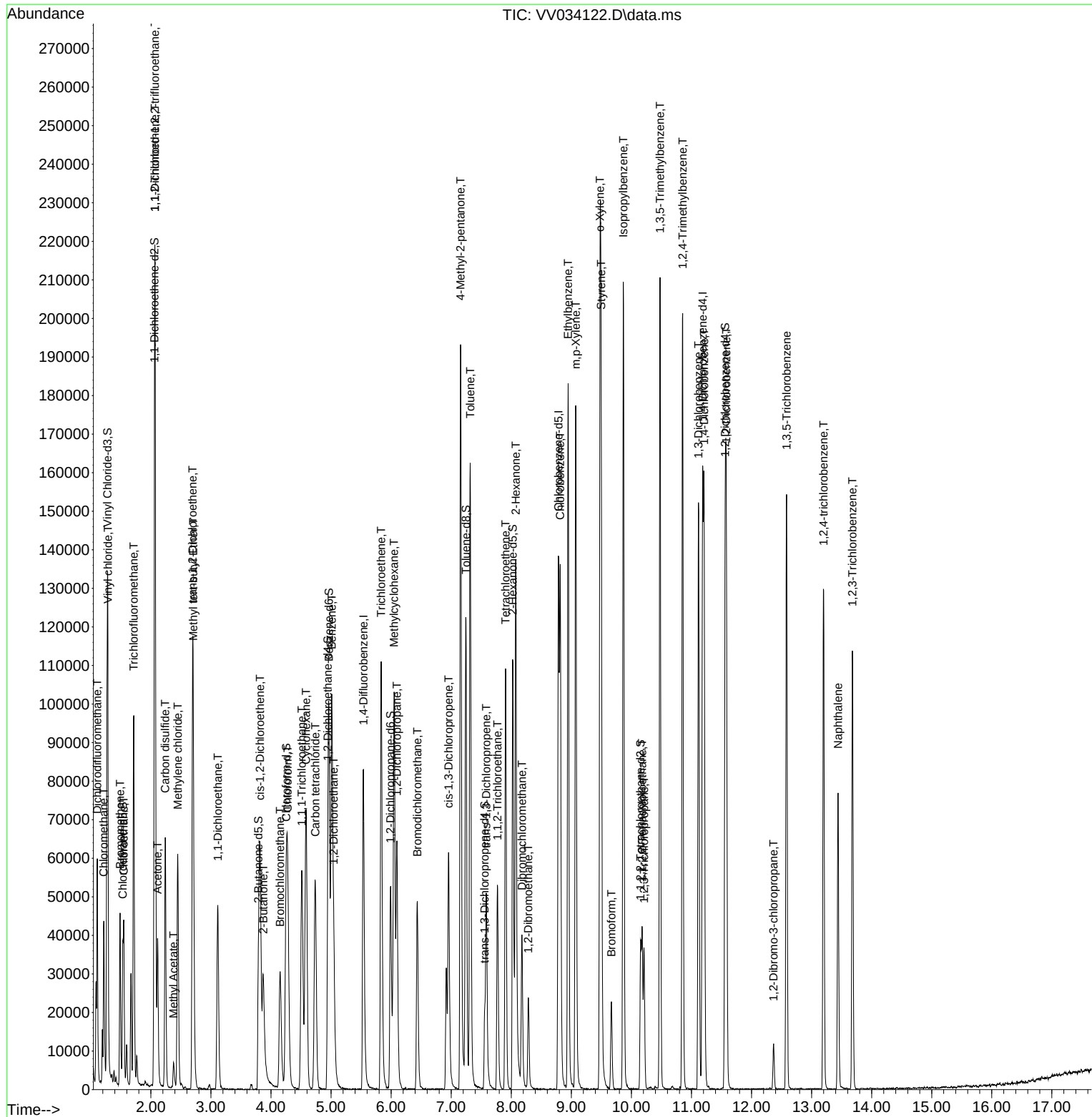
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31315	5.601	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	47674	5.182	ug/L	99
30) Cyclohexane	4.583	56	40101	4.482	ug/L	95
31) Carbon tetrachloride	4.738	117	41540	5.160	ug/L	99
33) Benzene	5.011	78	102001	4.963	ug/L	100
34) Trichloroethene	5.834	95	37196	6.253	ug/L	94
35) Methylcyclohexane	6.050	83	43259	4.633	ug/L	98
37) 1,2-Dichloropropane	6.095	63	23637	4.748	ug/L #	96
38) Bromodichloromethane	6.436	83	33231	5.085	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	38101	5.030	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	127077	53.304	ug/L	99
42) Toluene	7.316	91	116435	5.301	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	29630	5.094	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16056	5.223	ug/L	96
47) Tetrachloroethene	7.905	164	23340	4.829	ug/L	98
48) 2-Hexanone	8.075	43	88059	52.402	ug/L	99
49) Dibromochloromethane	8.178	129	19147	5.241	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15410	5.585	ug/L	100
51) Chlorobenzene	8.815	112	69544	5.007	ug/L	97
52) Ethylbenzene	8.947	91	125111	4.948	ug/L	99
53) m,p-Xylene	9.075	106	48387	5.064	ug/L	98
54) o-Xylene	9.477	106	46484	5.045	ug/L	95
55) Styrene	9.496	104	75700	5.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	17821	5.493	ug/L	96
59) Bromoform	9.667	173	10310	5.253	ug/L	97
60) Isopropylbenzene	9.866	105	128822	4.886	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	13420	5.479	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	106886	4.796	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	107596	4.968	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	58897	5.124	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	58837	5.169	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	52376	5.305	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2818	5.489	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	43724	4.915	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	38288	5.513	ug/L	97
71) Naphthalene	13.442	128	58116	6.387	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31800	5.715	ug/L	98

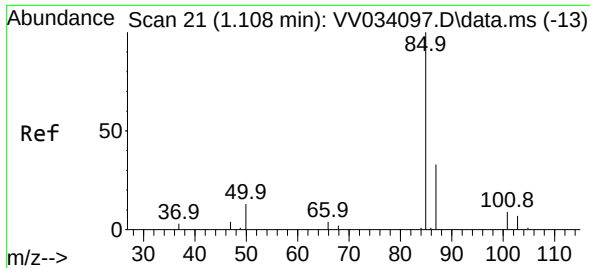
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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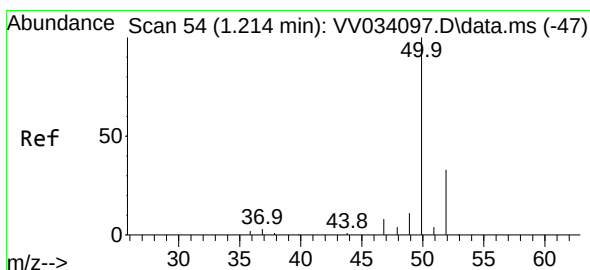
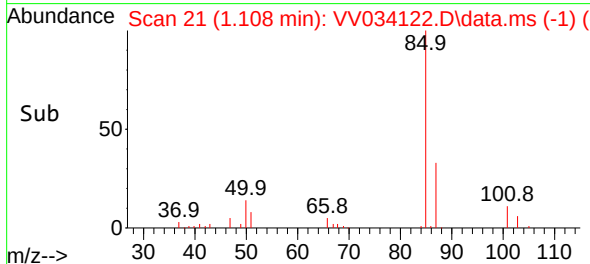
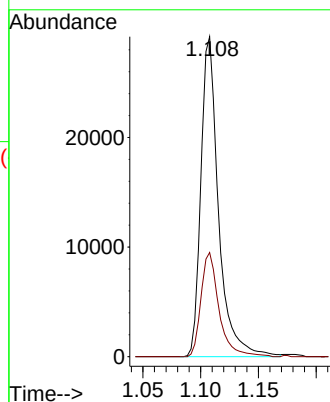
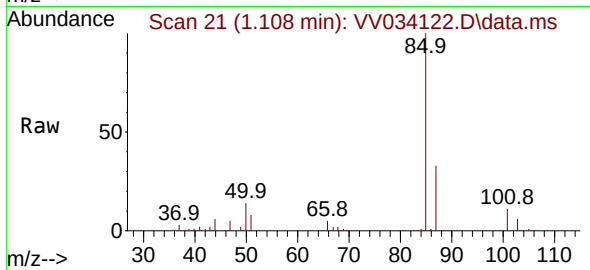




#2
 Dichlorodifluoromethane
 Concen: 4.580 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034122.D
 Acq: 09 Feb 2024 19:16

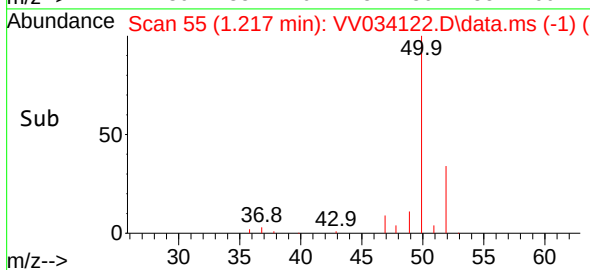
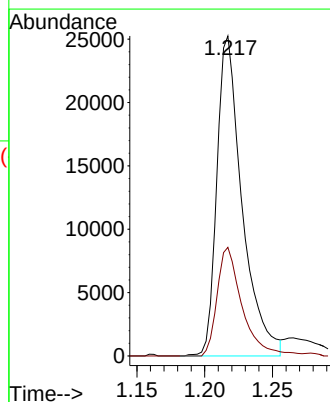
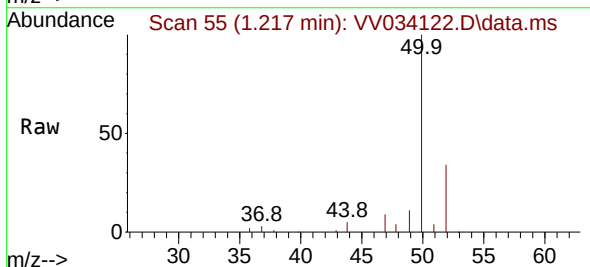
Instrument :
 MSVOA_V
 ClientSampleId :
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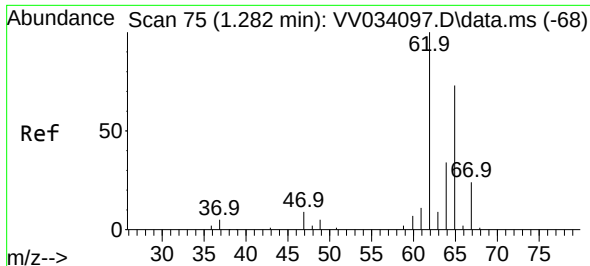
Tgt Ion: 85 Resp: 31002
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.2 39.4



#3
 Chloromethane
 Concen: 4.427 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV034122.D
 Acq: 09 Feb 2024 19:16

Tgt Ion: 50 Resp: 32689
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.4 43.4

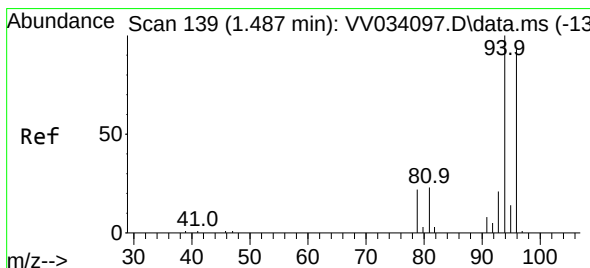
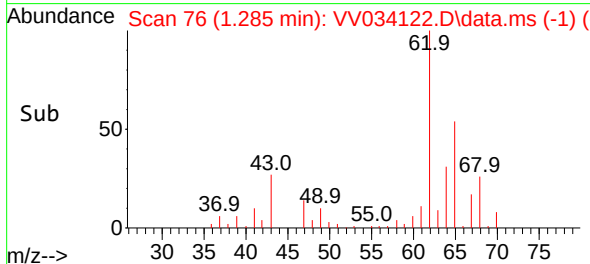
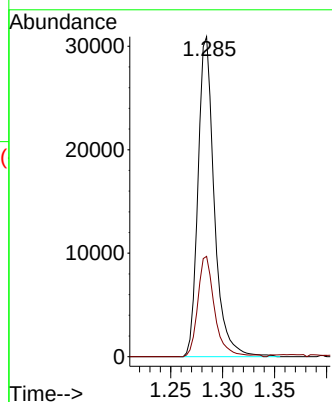
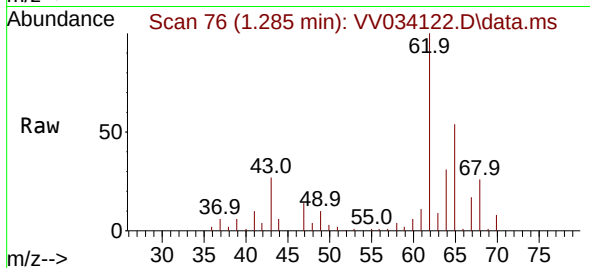




#5
Vinyl chloride
Concen: 4.767 ug/L
RT: 1.285 min Scan# 75
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

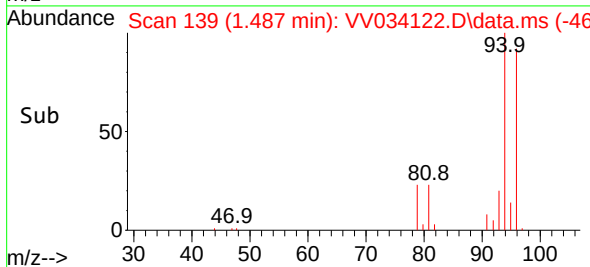
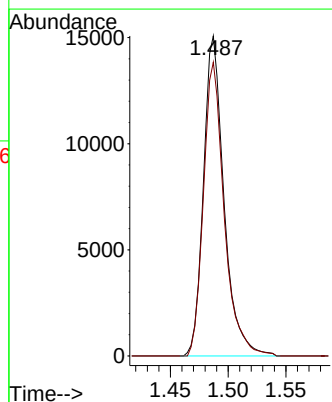
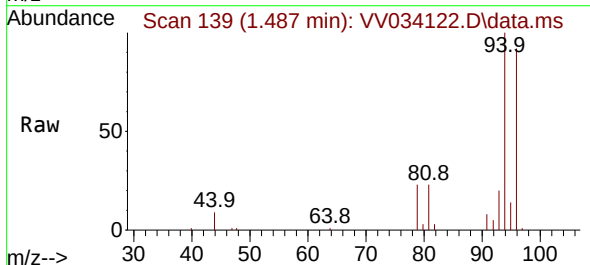
Instrument :
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ClientSampleId :
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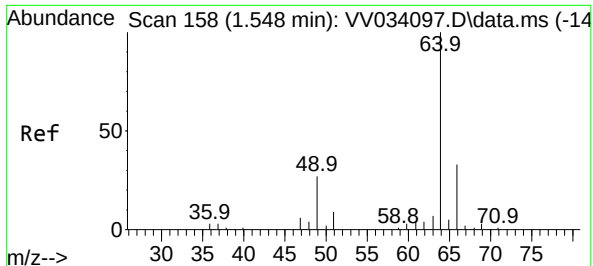
Tgt Ion: 62 Resp: 33639
Ion Ratio Lower Upper
62 100
64 31.3 27.2 50.4



#6
Bromomethane
Concen: 5.009 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 94 Resp: 18614
Ion Ratio Lower Upper
94 100
96 91.8 66.6 123.8

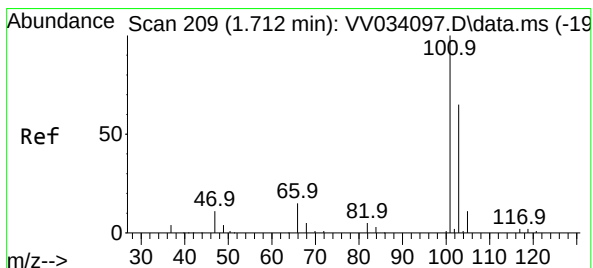
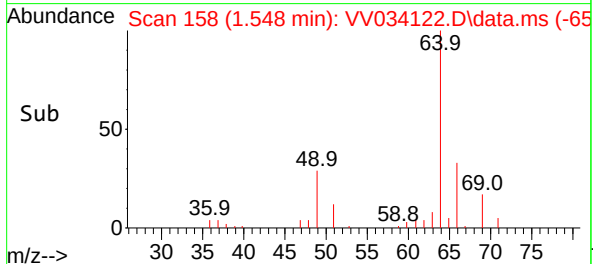
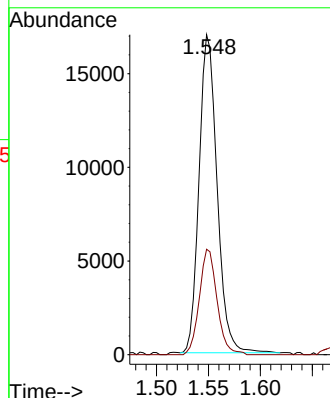
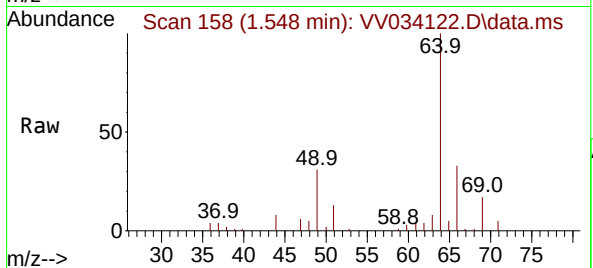




#8
Chloroethane
Concen: 4.255 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

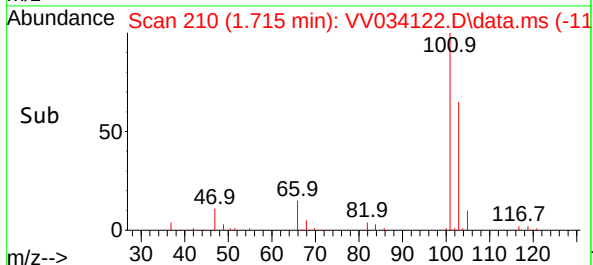
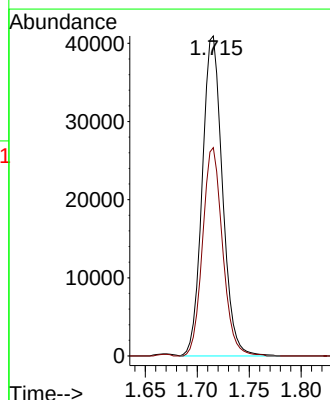
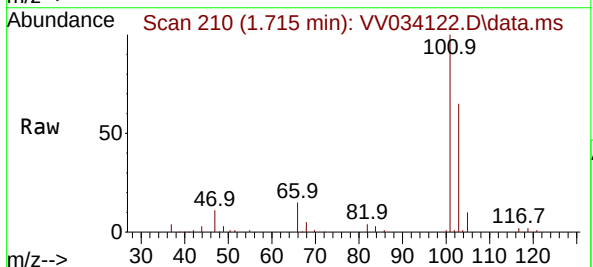
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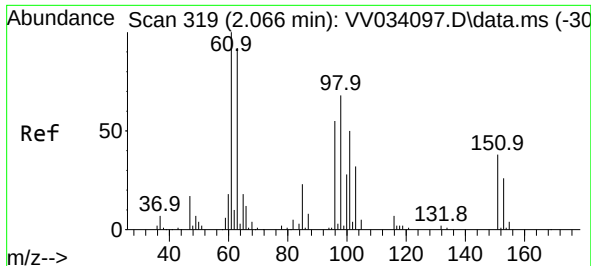
Tgt Ion: 64 Resp: 20482
Ion Ratio Lower Upper
64 100
66 33.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.440 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:101 Resp: 55317
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

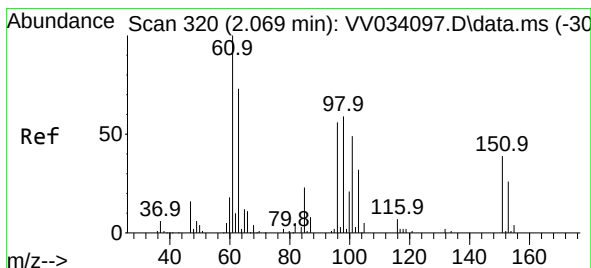
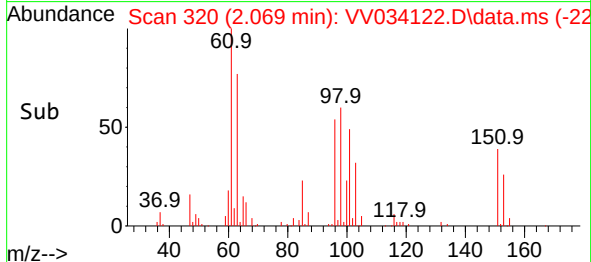
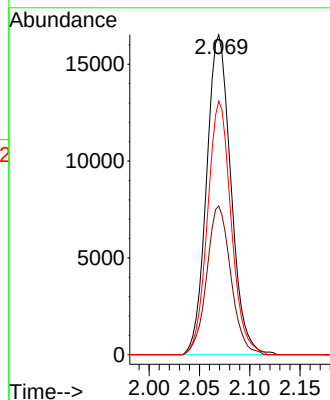
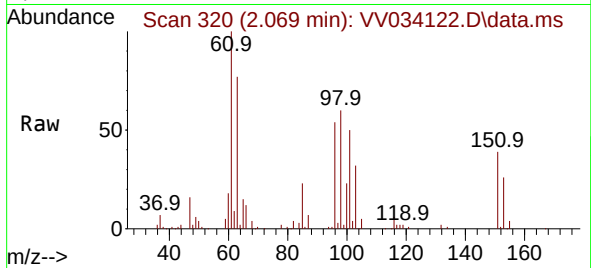




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.234 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

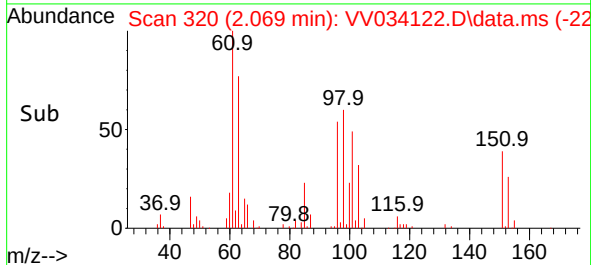
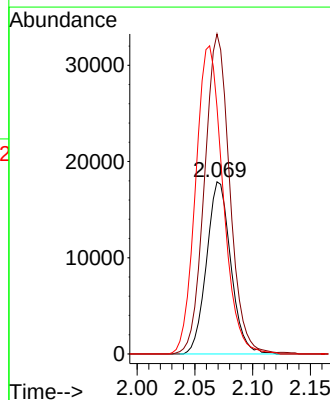
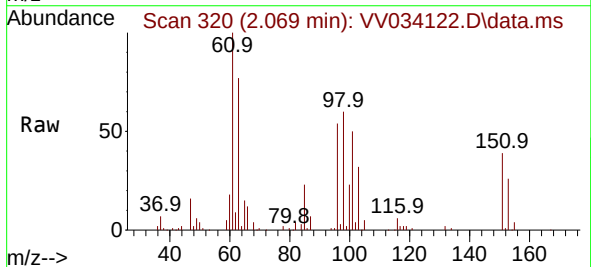
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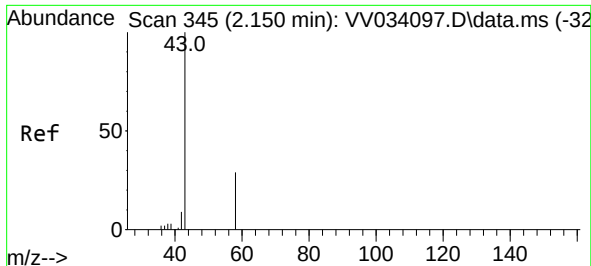
Tgt Ion:101 Resp: 27820
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 77.2 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.055 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 96 Resp: 26085
Ion Ratio Lower Upper
96 100
61 185.8 128.8 239.2
63 143.4 97.9 181.9





#13

Acetone

Concen: 48.631 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.039 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

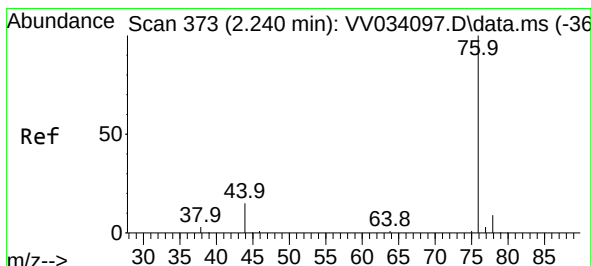
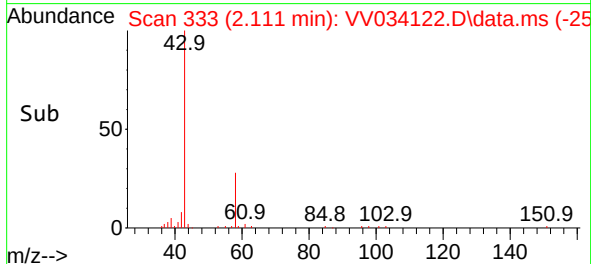
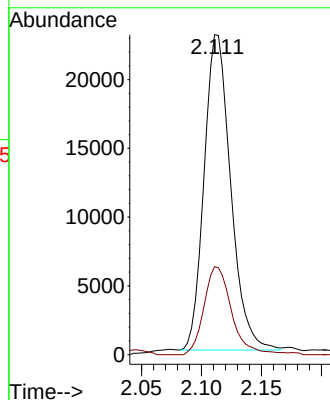
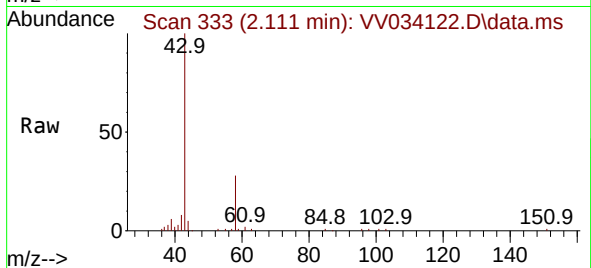
E0YC6MSD

Tgt Ion: 43 Resp: 35450

Ion Ratio Lower Upper

43 100

58 29.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.313 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034122.D

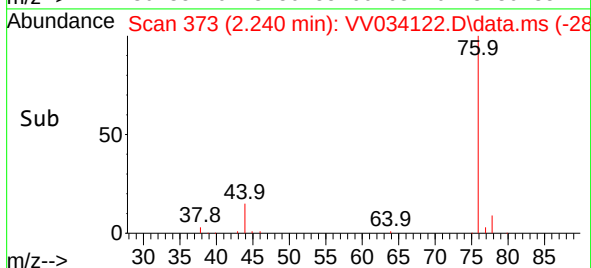
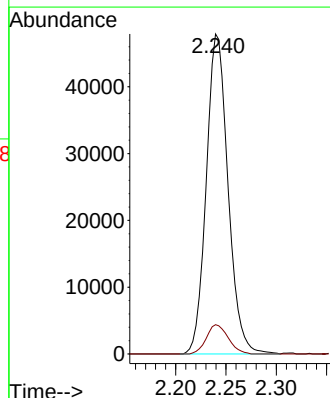
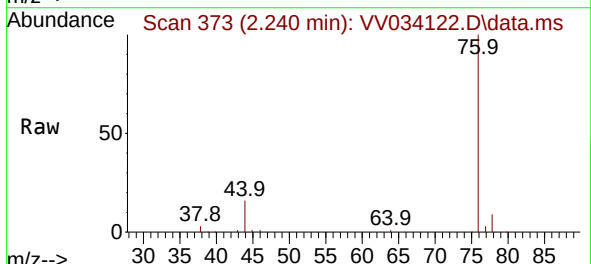
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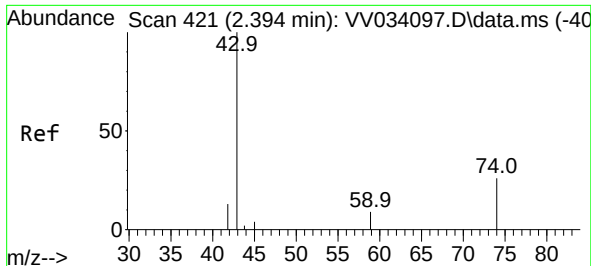
Tgt Ion: 76 Resp: 72019

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

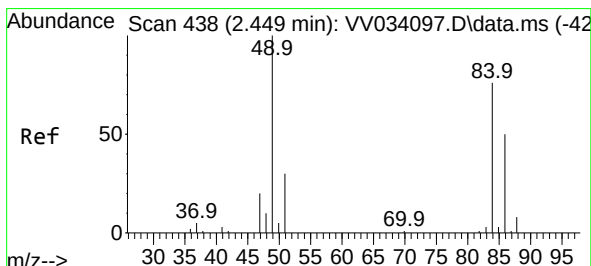
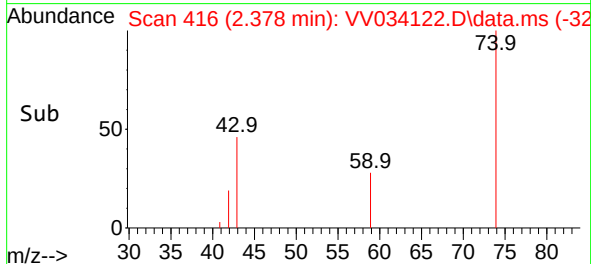
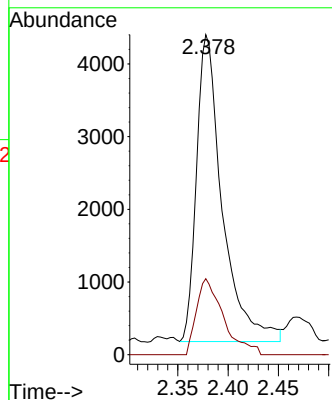
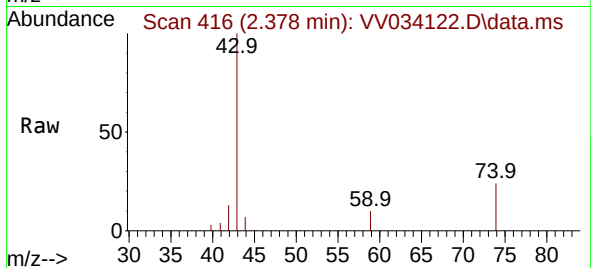




#15
Methyl Acetate
Concen: 4.351 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.016 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

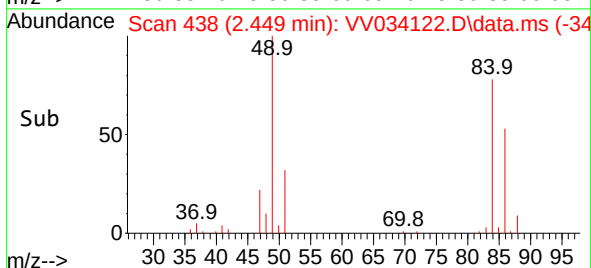
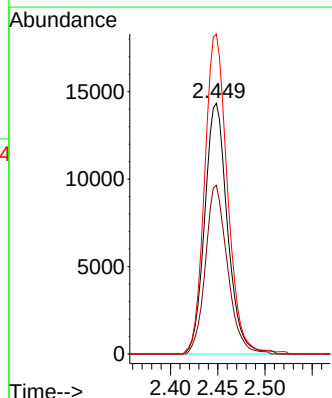
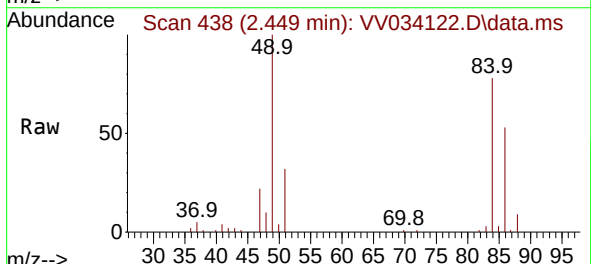
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

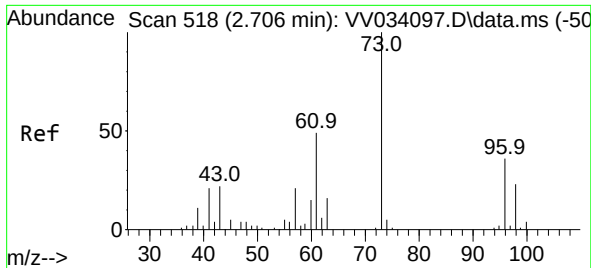
Tgt Ion: 43 Resp: 7507
Ion Ratio Lower Upper
43 100
74 26.0 18.2 27.4



#16
Methylene chloride
Concen: 4.857 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 84 Resp: 24049
Ion Ratio Lower Upper
84 100
86 67.3 44.7 83.1
49 127.6 93.7 173.9

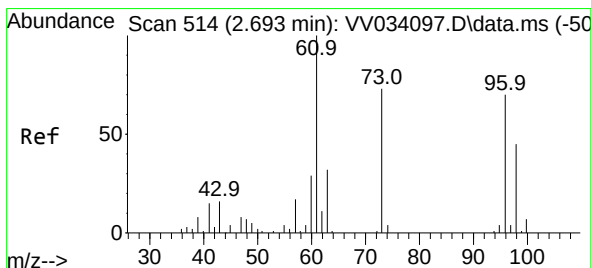
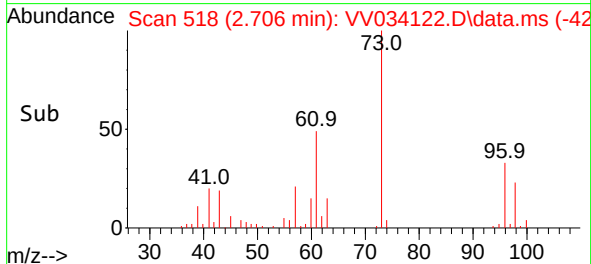
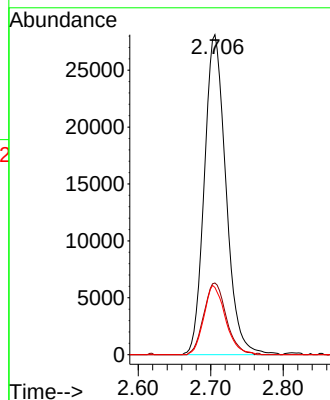
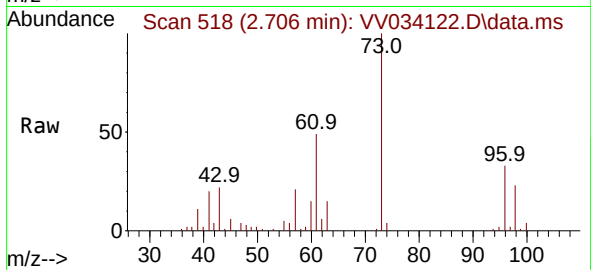




#17
Methyl tert-butyl Ether
Concen: 5.489 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

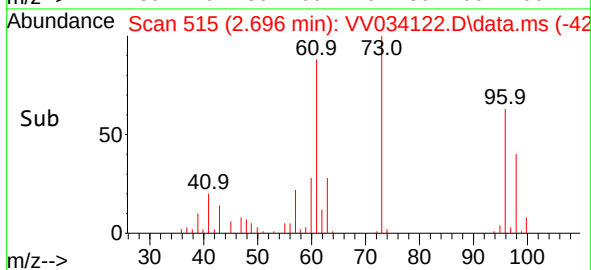
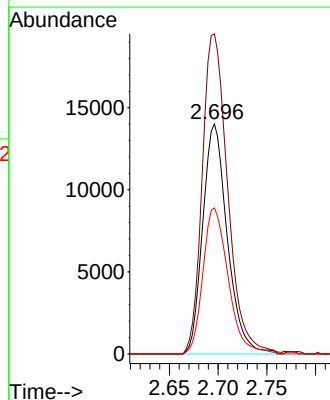
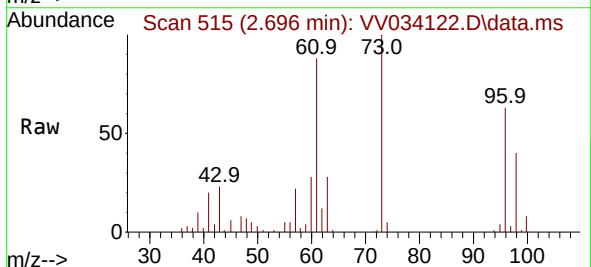
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

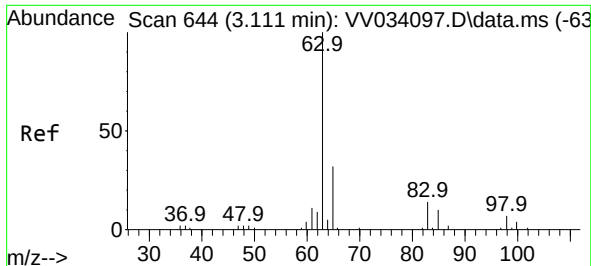
Tgt Ion:	73	Resp:	58198
Ion	Ratio	Lower	Upper
73	100		
43	23.3	17.7	26.5
57	21.6	17.9	26.9



#18
trans-1,2-Dichloroethene
Concen: 4.688 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:	96	Resp:	24643
Ion	Ratio	Lower	Upper
96	100		
61	139.1	97.6	181.4
98	63.5	44.4	82.5





#19

1,1-Dichloroethane

Concen: 4.853 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

E0YC6MSD

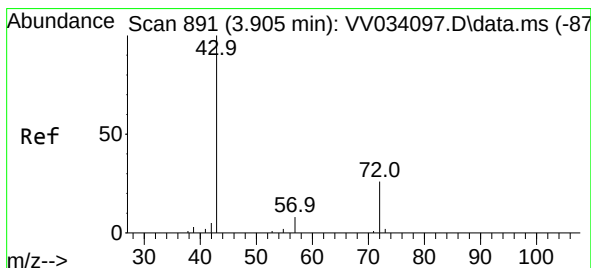
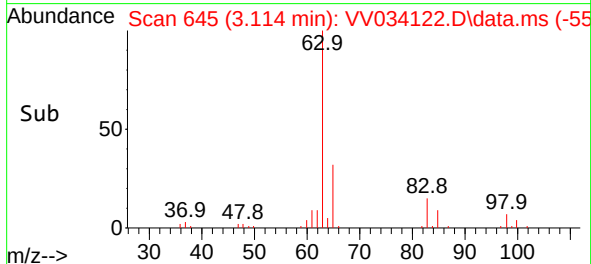
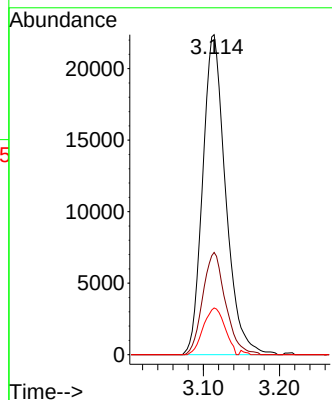
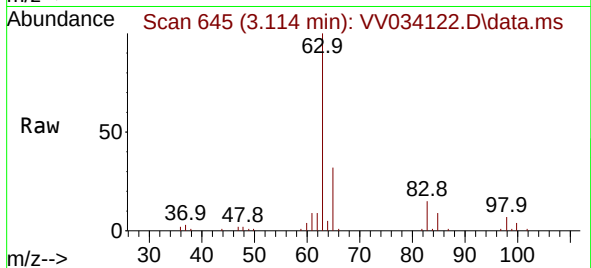
Tgt Ion: 63 Resp: 46871

Ion Ratio Lower Upper

63 100

65 32.0 20.8 38.6

83 14.6 9.4 17.4



#21

2-Butanone

Concen: 48.209 ug/L

RT: 3.873 min Scan# 881

Delta R.T. -0.032 min

Lab File: VV034122.D

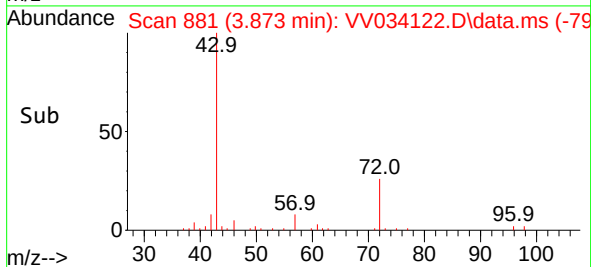
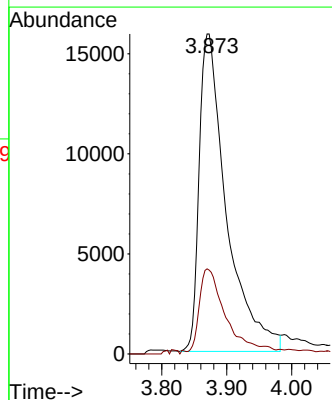
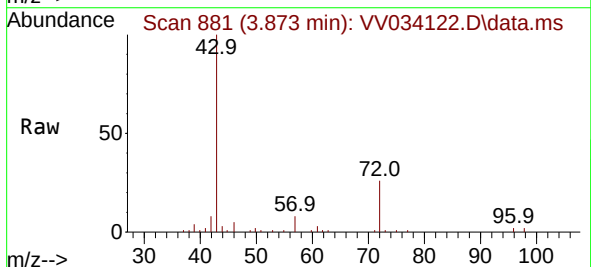
Acq: 09 Feb 2024 19:16

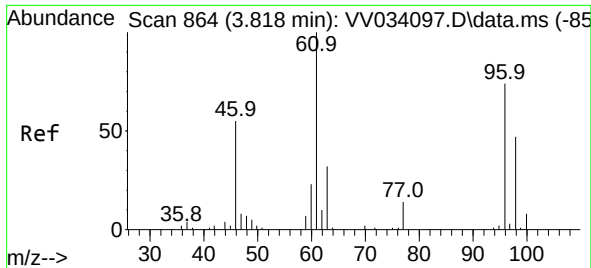
Tgt Ion: 43 Resp: 46440

Ion Ratio Lower Upper

43 100

72 24.1 4.0 11.9#

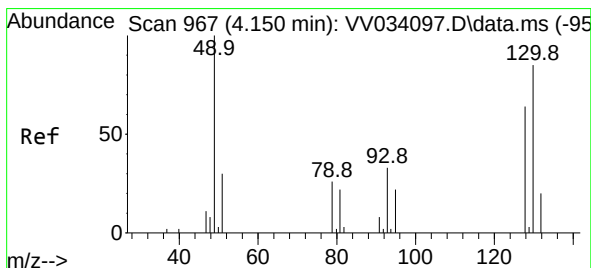
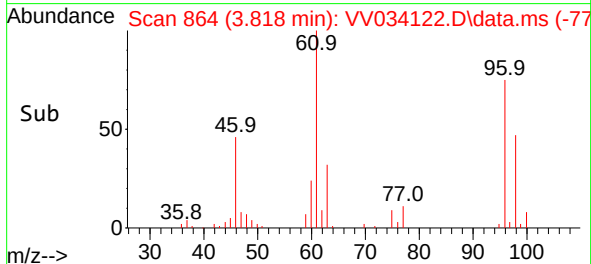
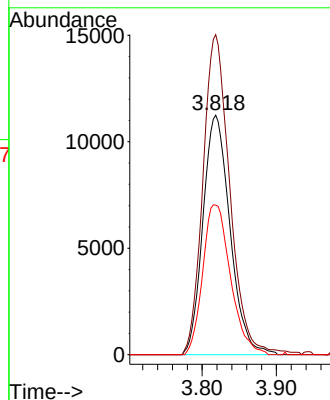
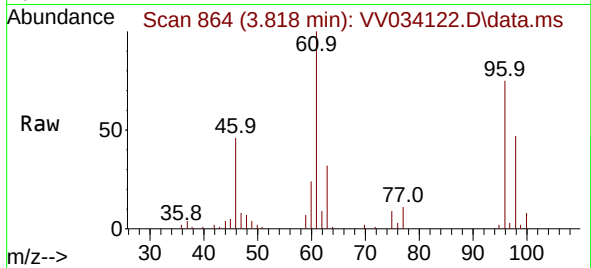




#22
 cis-1,2-Dichloroethene
 Concen: 4.785 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV034122.D
 Acq: 09 Feb 2024 19:16

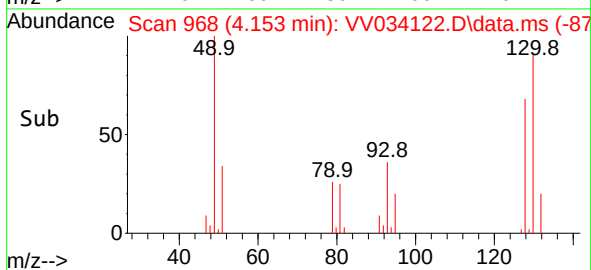
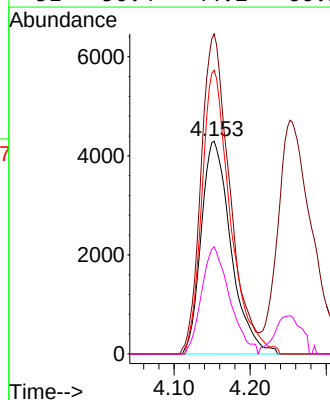
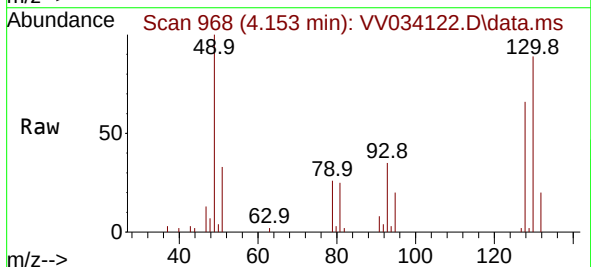
Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC6MSD

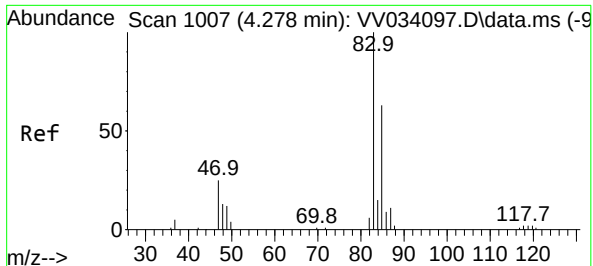
Tgt Ion: 96 Resp: 28533
 Ion Ratio Lower Upper
 96 100
 61 133.6 90.3 167.7
 98 62.5 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.612 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV034122.D
 Acq: 09 Feb 2024 19:16

Tgt Ion: 128 Resp: 11634
 Ion Ratio Lower Upper
 128 100
 49 150.4 120.5 223.7
 130 133.4 93.4 173.4
 51 50.4 44.2 66.2





#25

Chloroform

Concen: 5.104 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

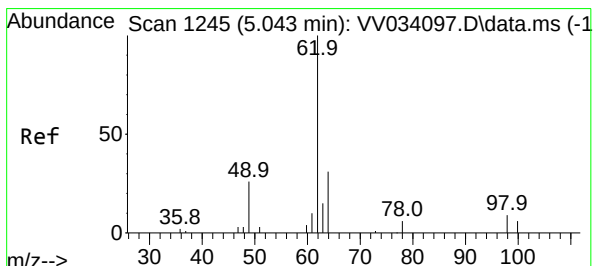
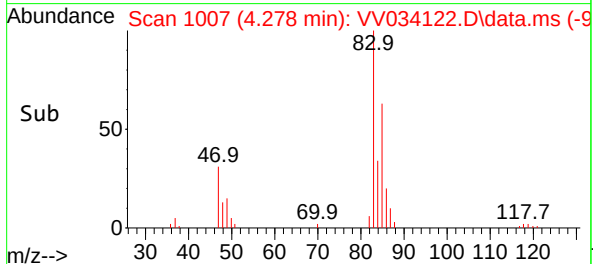
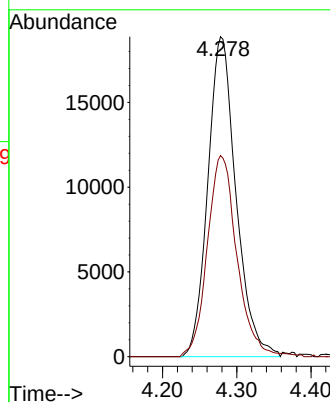
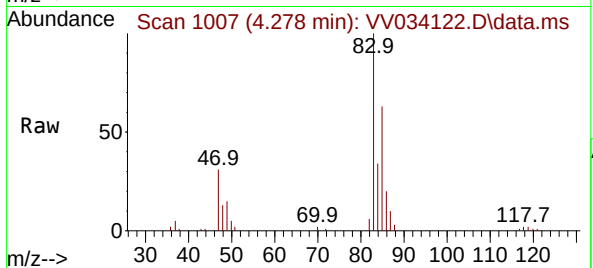
E0YC6MSD

Tgt Ion: 83 Resp: 49832

Ion Ratio Lower Upper

83 100

85 62.8 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.601 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV034122.D

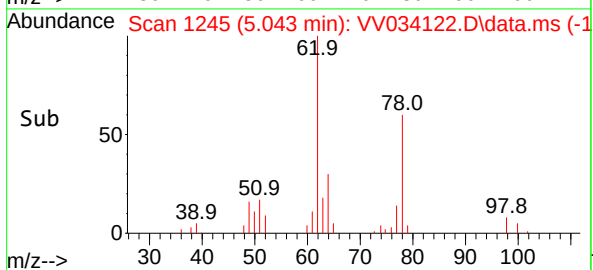
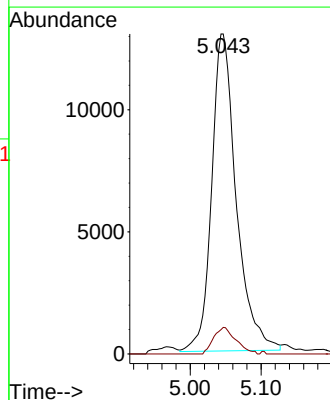
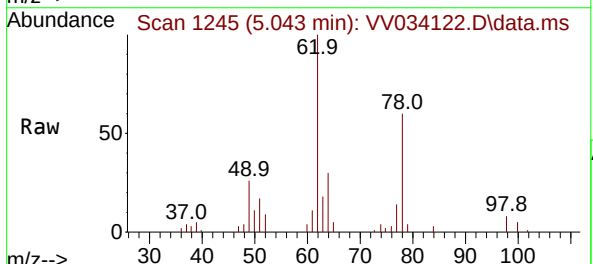
Acq: 09 Feb 2024 19:16

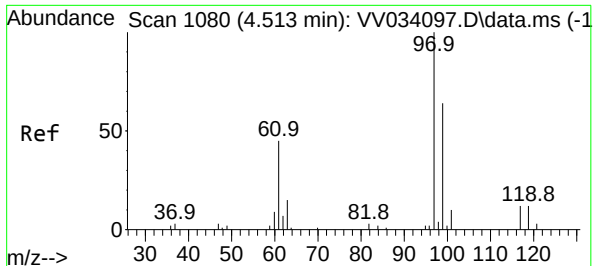
Tgt Ion: 62 Resp: 31315

Ion Ratio Lower Upper

62 100

98 7.6 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.182 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

E0YC6MSD

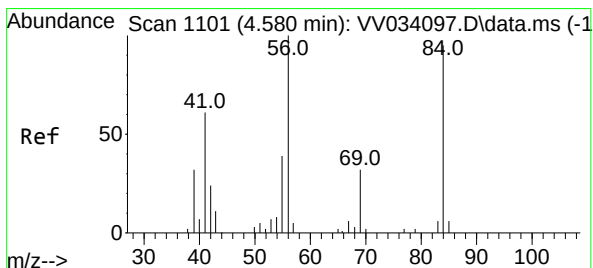
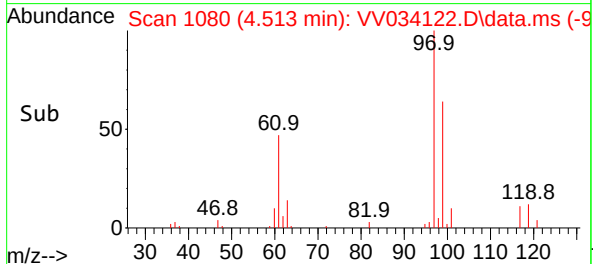
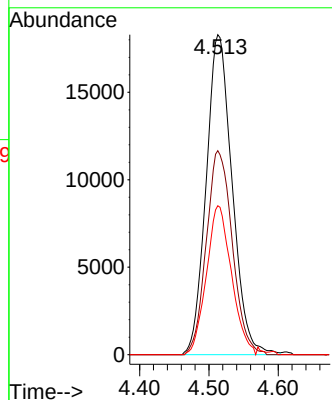
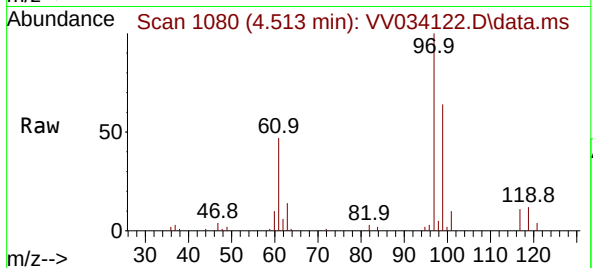
Tgt Ion: 97 Resp: 47674

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 44.9 36.8 55.2



#30

Cyclohexane

Concen: 4.482 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

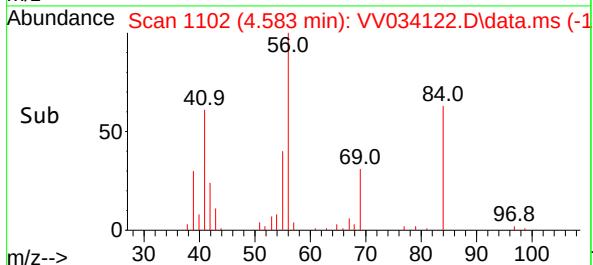
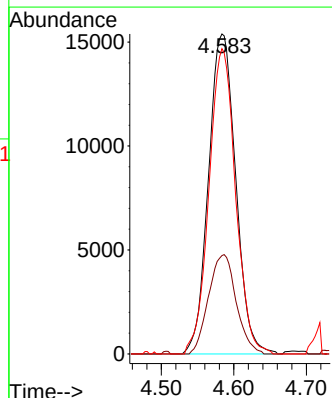
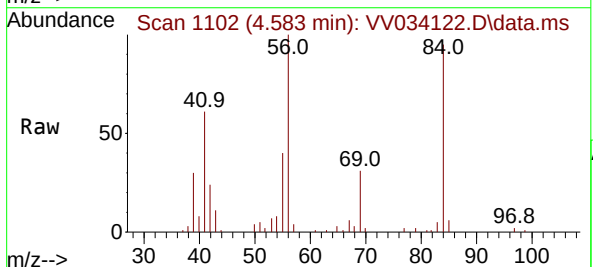
Tgt Ion: 56 Resp: 40101

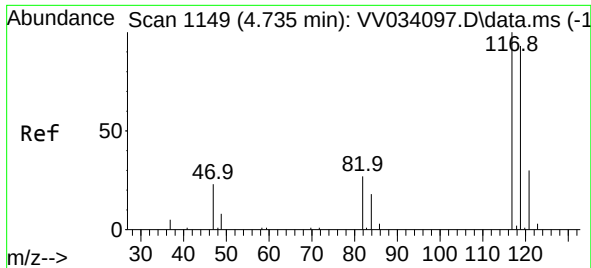
Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.2

84 93.2 70.0 105.0

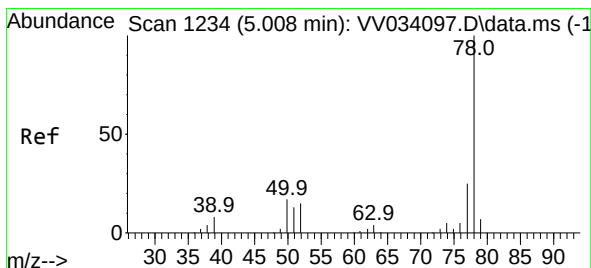
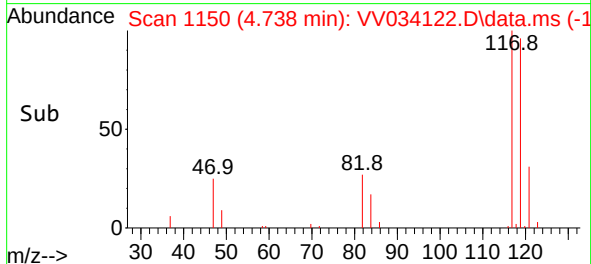
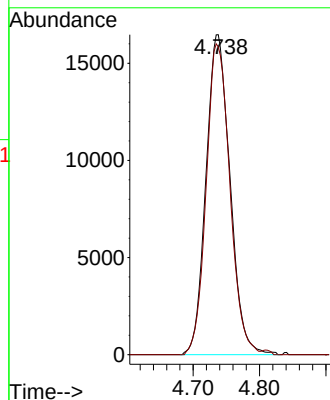
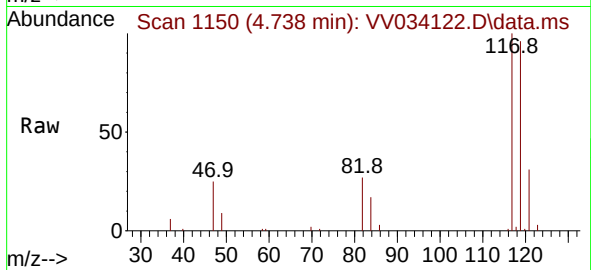




#31
Carbon tetrachloride
Concen: 5.160 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

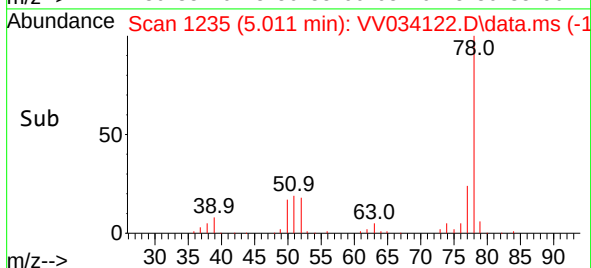
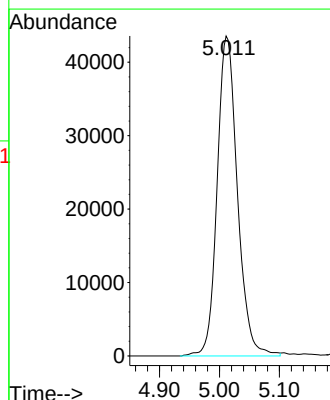
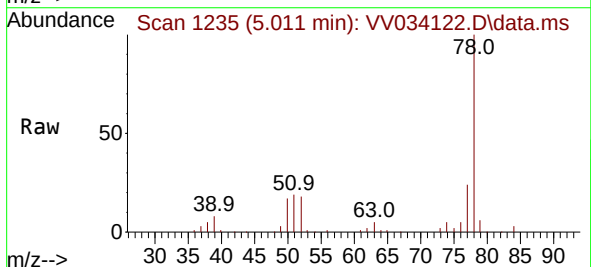
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

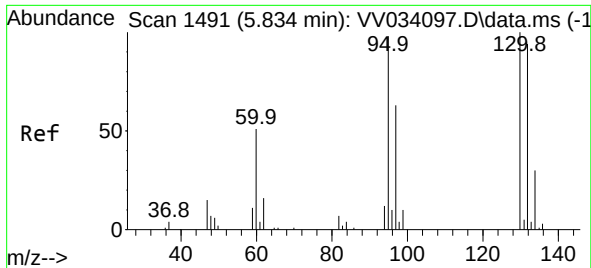
Tgt Ion:117 Resp: 41540
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 4.963 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 78 Resp: 102001

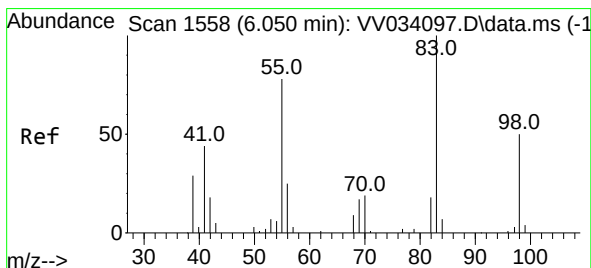
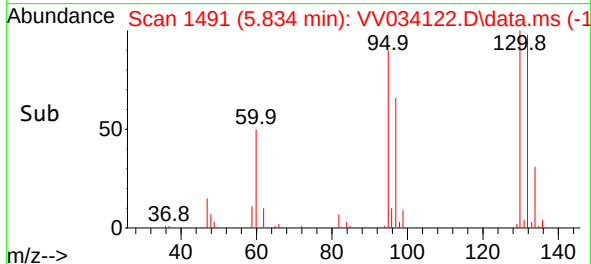
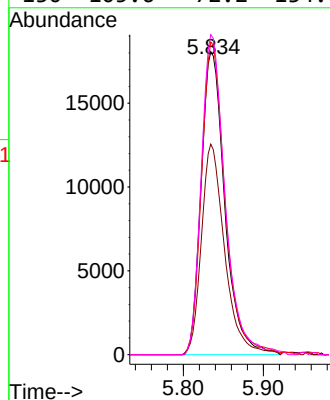
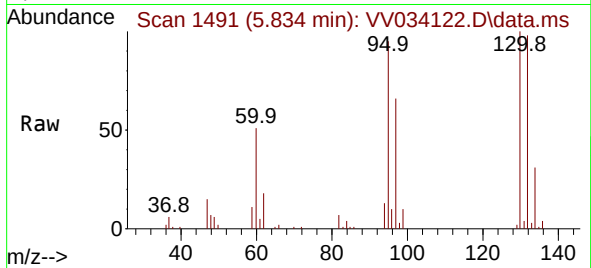




#34
Trichloroethene
Concen: 6.253 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

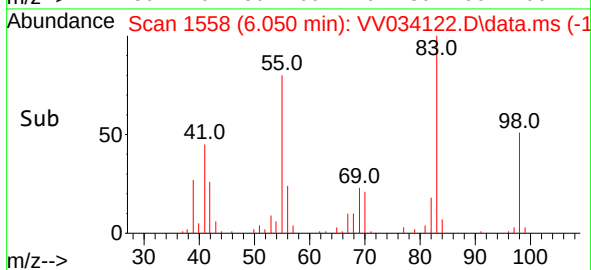
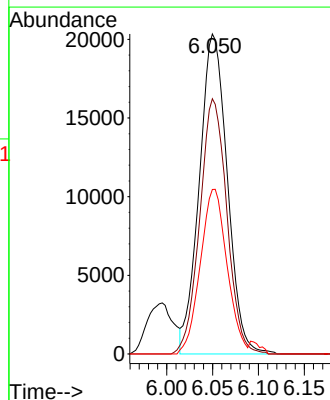
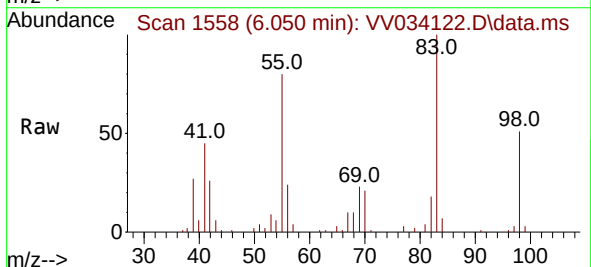
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

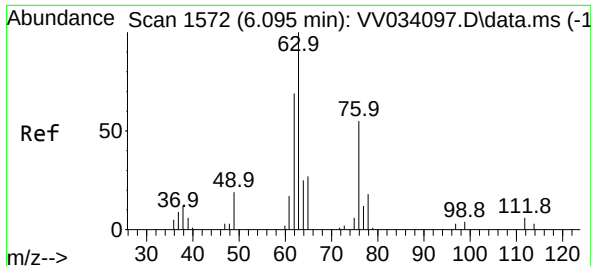
Tgt Ion: 95 Resp: 37196
Ion Ratio Lower Upper
95 100
97 69.5 45.1 83.7
132 103.2 66.0 122.6
130 105.6 72.2 134.0



#35
Methylcyclohexane
Concen: 4.633 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 83 Resp: 43259
Ion Ratio Lower Upper
83 100
55 77.1 63.5 95.3
98 49.1 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.748 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

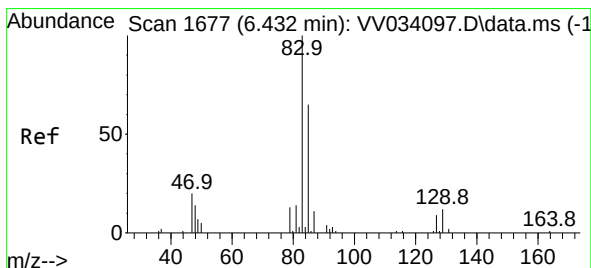
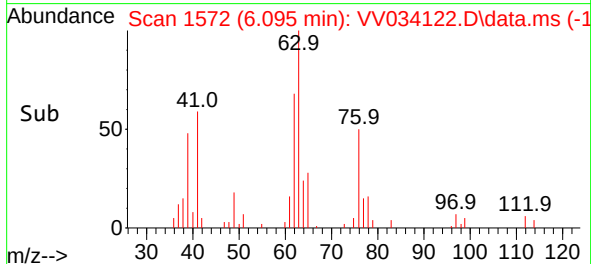
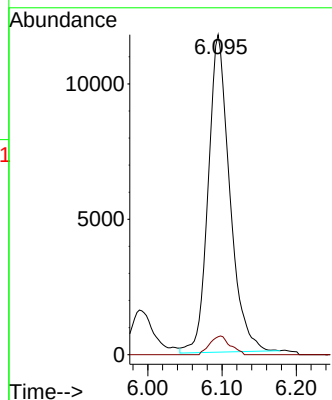
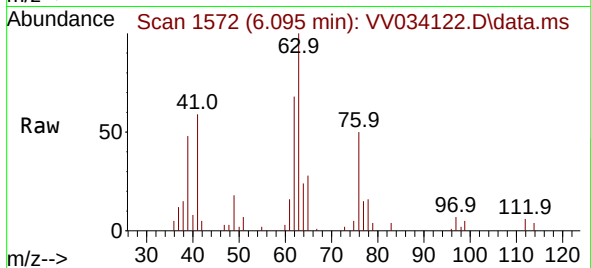
E0YC6MSD

Tgt Ion: 63 Resp: 23637

Ion Ratio Lower Upper

63 100

112 5.5 3.4 5.0#



#38

Bromodichloromethane

Concen: 5.085 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

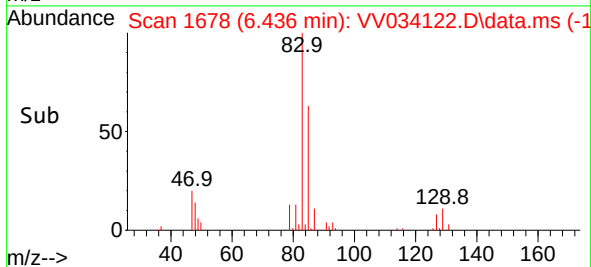
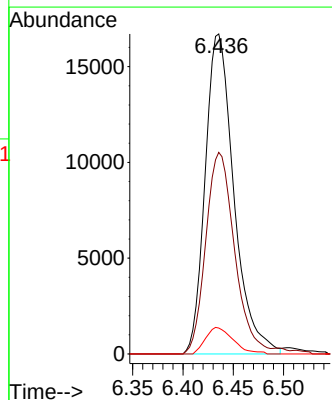
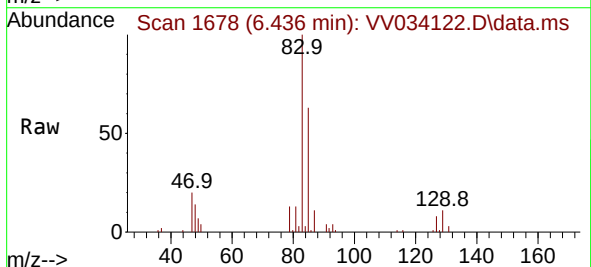
Tgt Ion: 83 Resp: 33231

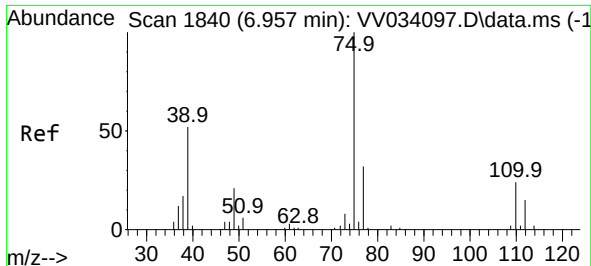
Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.030 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

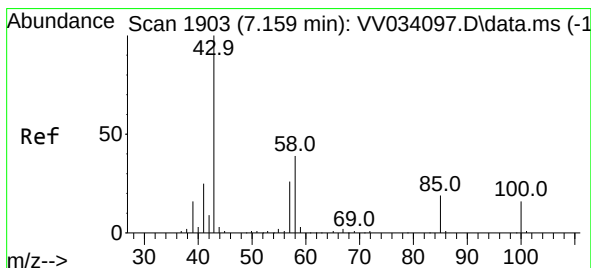
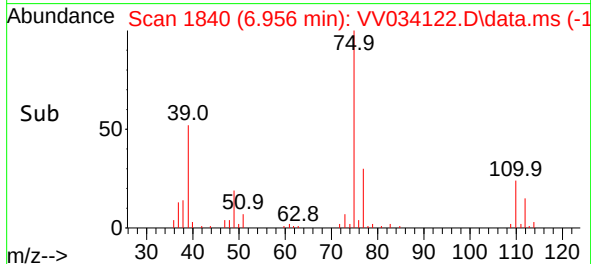
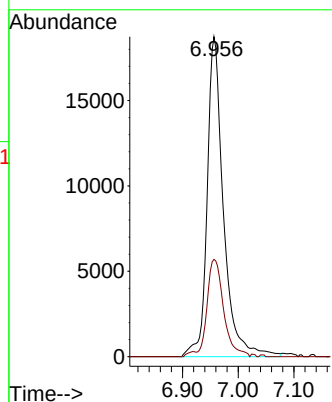
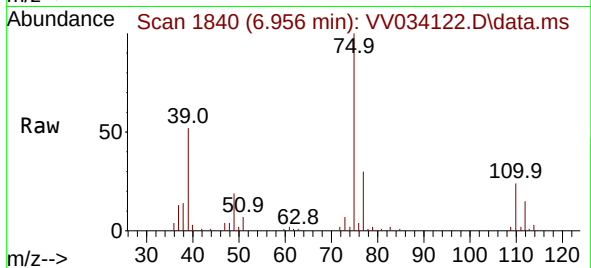
E0YC6MSD

Tgt Ion: 75 Resp: 38101

Ion Ratio Lower Upper

75 100

77 30.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.304 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

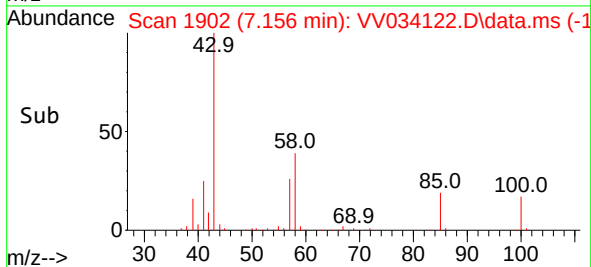
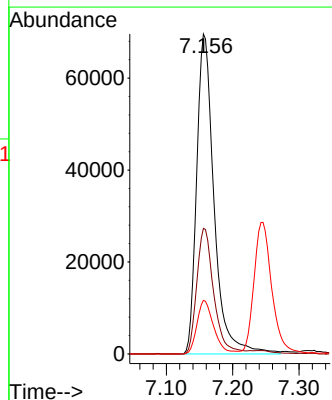
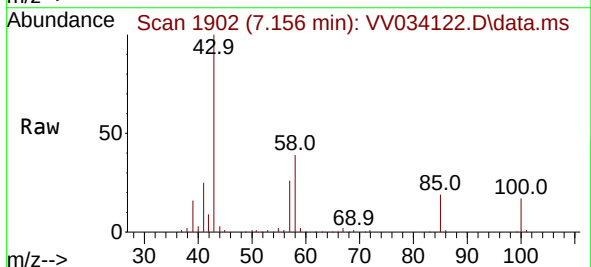
Tgt Ion: 43 Resp: 127077

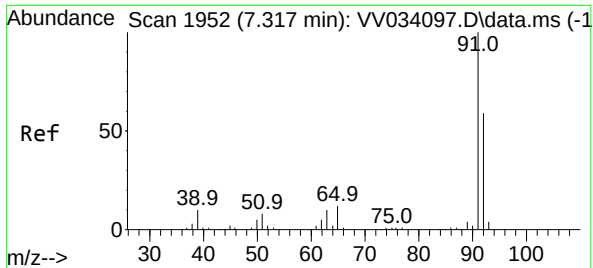
Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.2

100 16.2 12.1 18.1





#42

Toluene

Concen: 5.301 ug/L

RT: 7.316 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

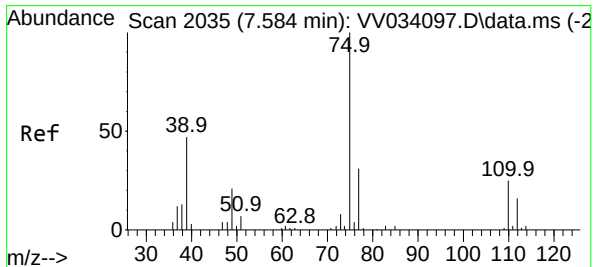
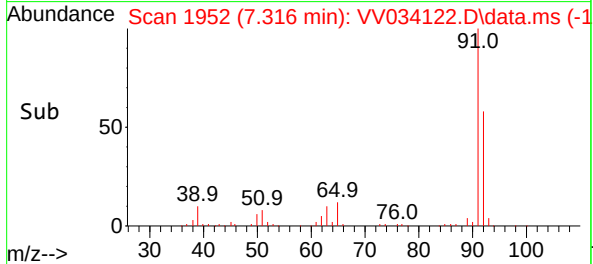
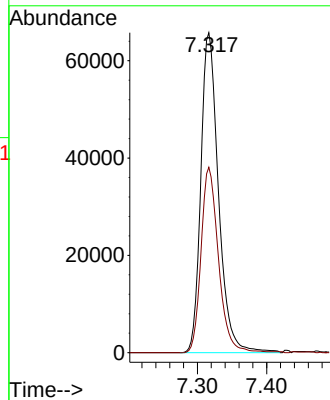
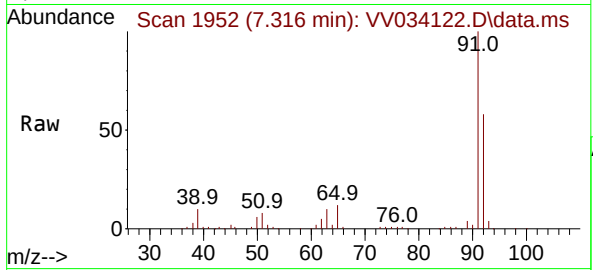
E0YC6MSD

Tgt Ion: 91 Resp: 116435

Ion Ratio Lower Upper

91 100

92 58.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.094 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034122.D

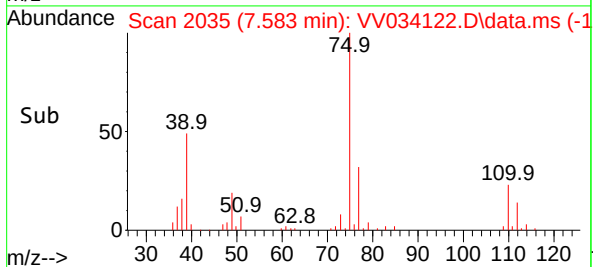
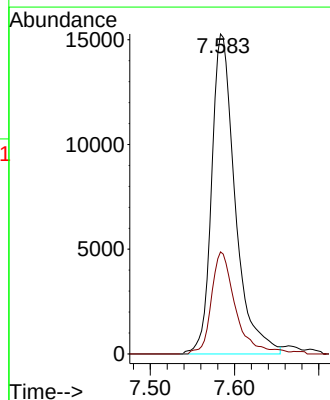
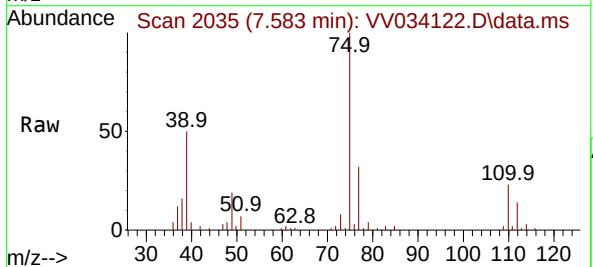
Acq: 09 Feb 2024 19:16

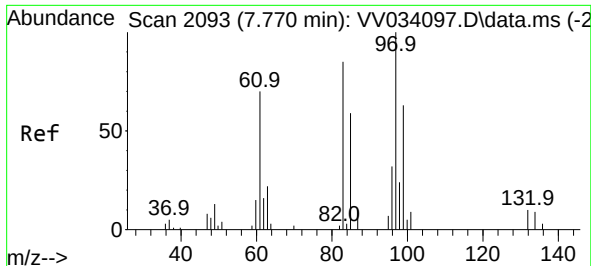
Tgt Ion: 75 Resp: 29630

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2

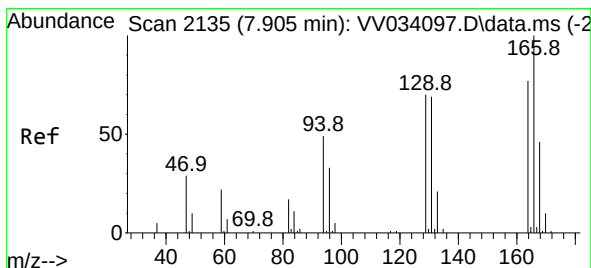
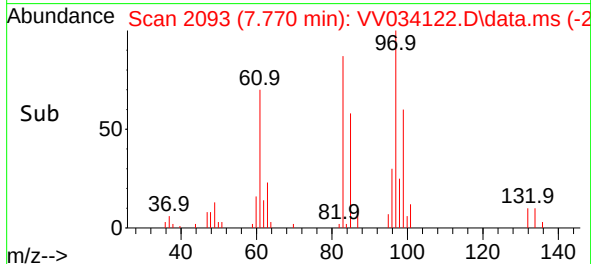
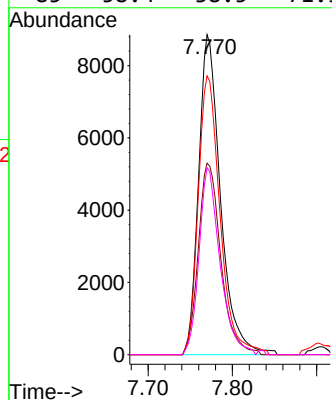
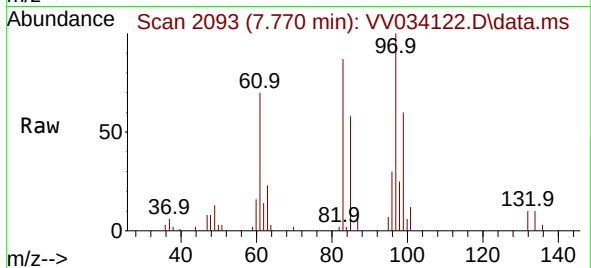




#45
1,1,2-Trichloroethane
Concen: 5.223 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

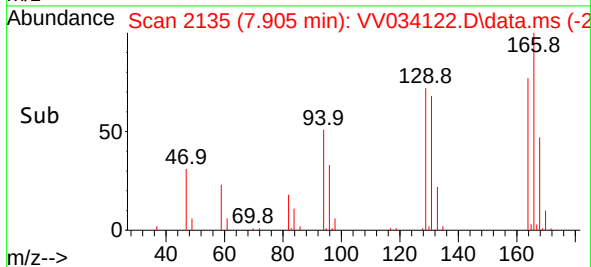
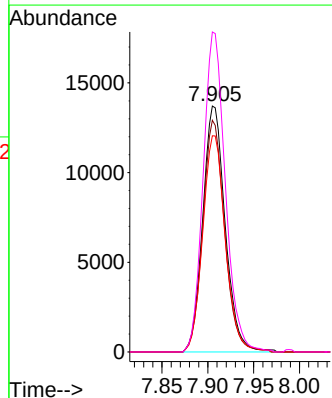
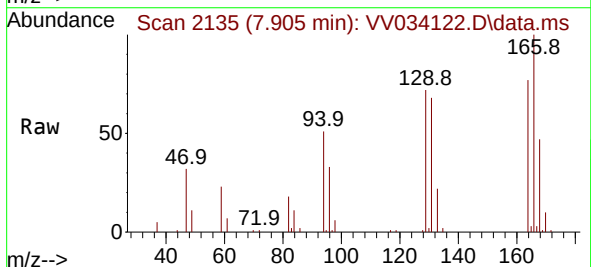
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

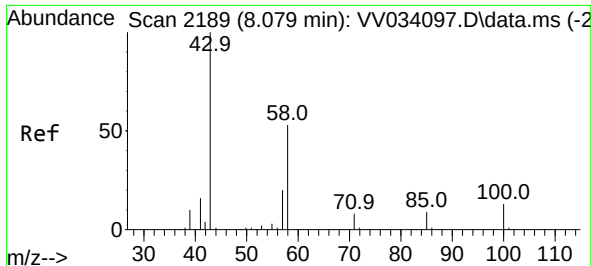
Tgt Ion:	97	Resp:	16056
Ion	Ratio	Lower	Upper
97	100		
99	59.9	45.6	84.6
83	87.1	62.3	115.7
85	58.4	38.5	71.5



#47
Tetrachloroethene
Concen: 4.829 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:	164	Resp:	23340
Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.8	125.8
131	87.9	63.0	117.0
166	130.1	92.6	172.0

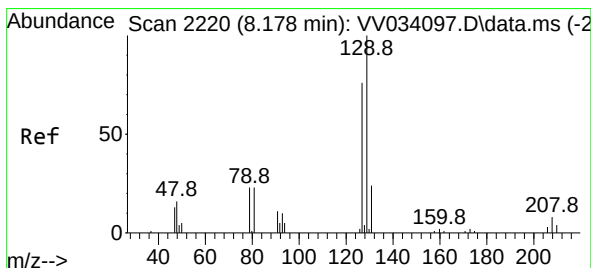
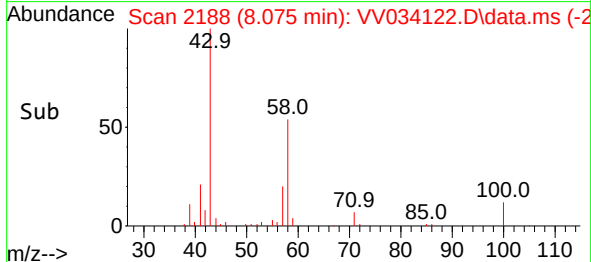
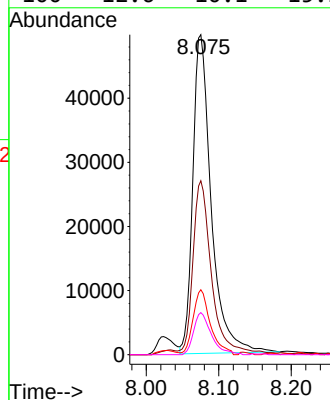
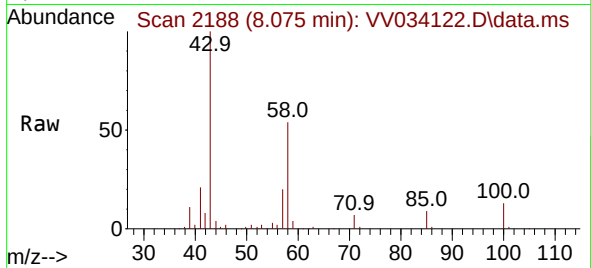




#48
2-Hexanone
Concen: 52.402 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

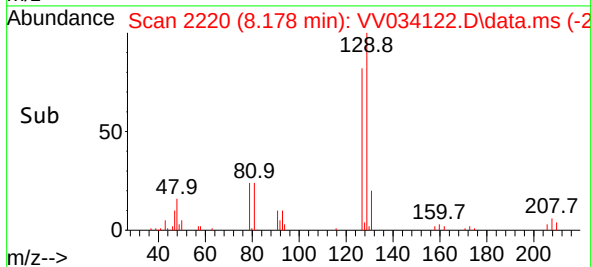
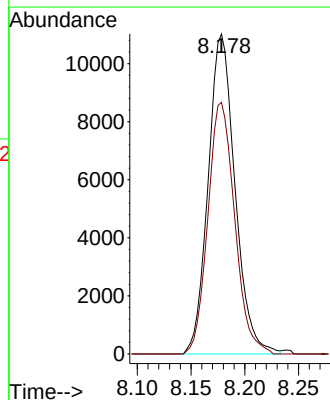
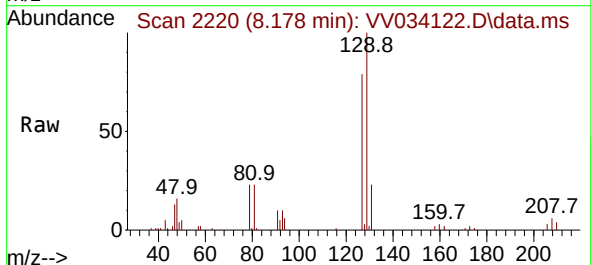
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

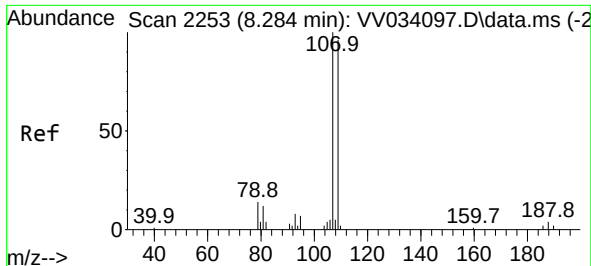
Tgt Ion:	43	Resp:	88059
Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.6	64.0
57	19.1	15.5	23.3
100	12.6	10.1	15.1



#49
Dibromochloromethane
Concen: 5.241 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:	129	Resp:	19147
Ion	Ratio	Lower	Upper
129	100		
127	78.7	53.5	99.5

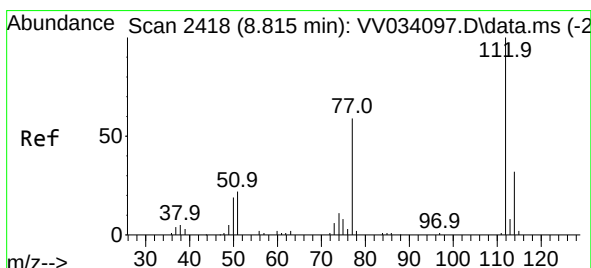
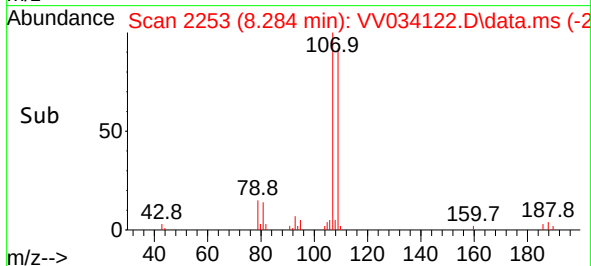
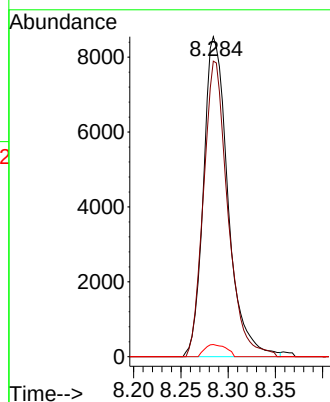
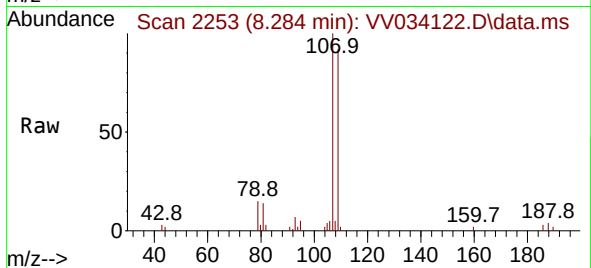




#50
1,2-Dibromoethane
Concen: 5.585 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

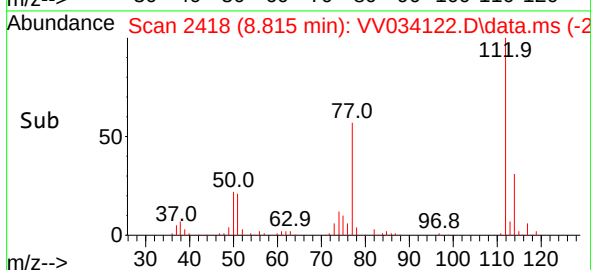
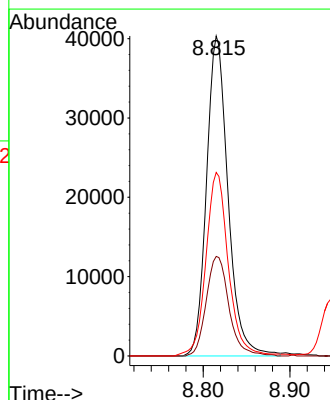
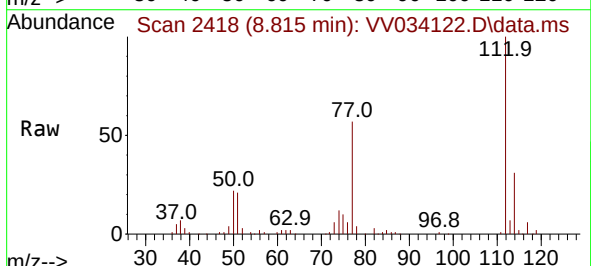
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

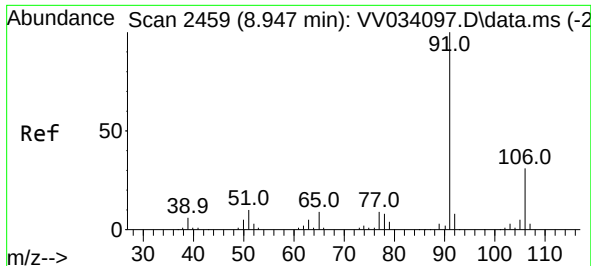
Tgt Ion:	107	Resp:	15410
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.5	119.9
188	3.8	2.6	4.0



#51
Chlorobenzene
Concen: 5.007 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:	112	Resp:	69544
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.5	41.7
77	57.3	48.1	72.1

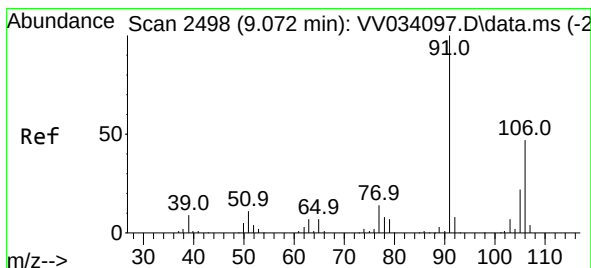
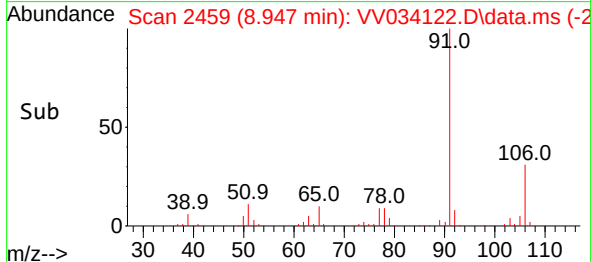
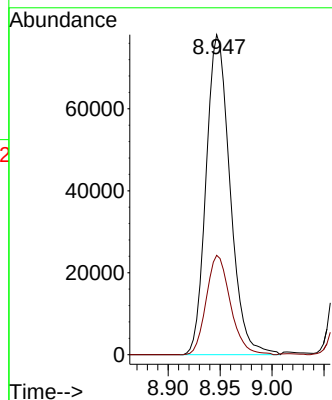
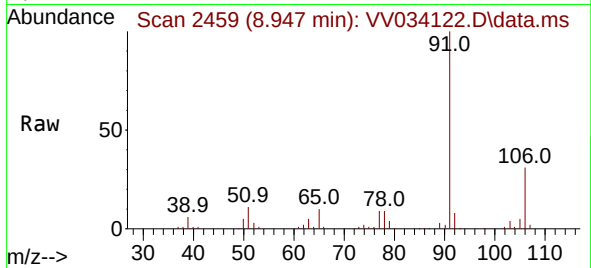




#52
Ethylbenzene
Concen: 4.948 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

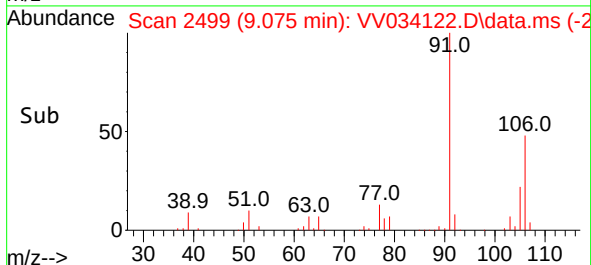
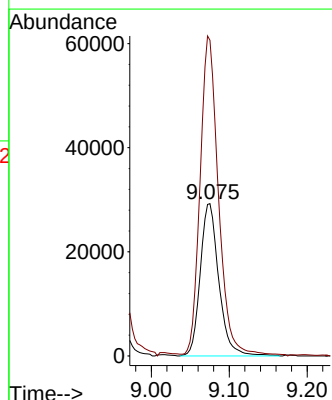
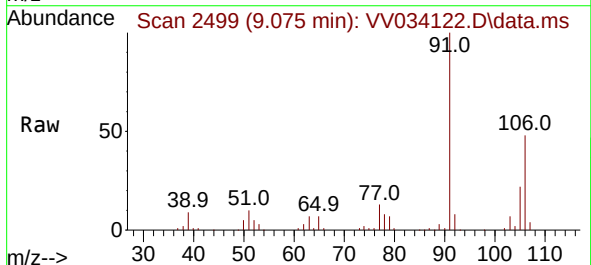
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

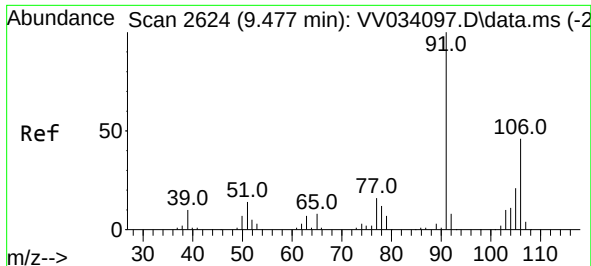
Tgt Ion: 91 Resp: 125111
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 5.064 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 106 Resp: 48387
Ion Ratio Lower Upper
106 100
91 207.2 147.5 273.9

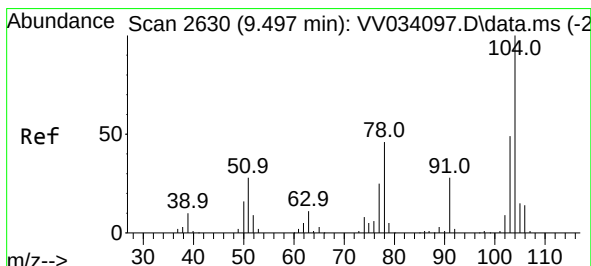
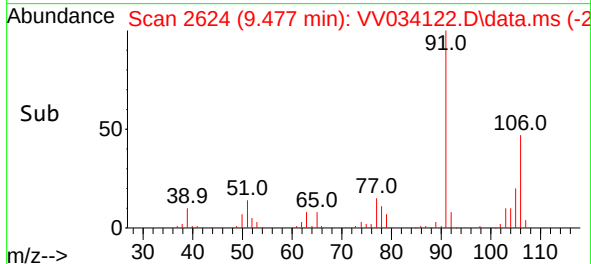
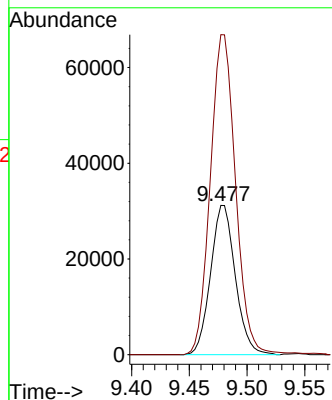
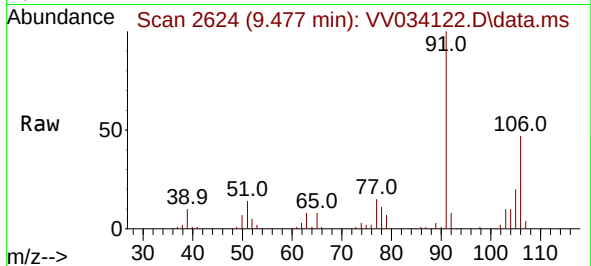




#54
o-Xylene
Concen: 5.045 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

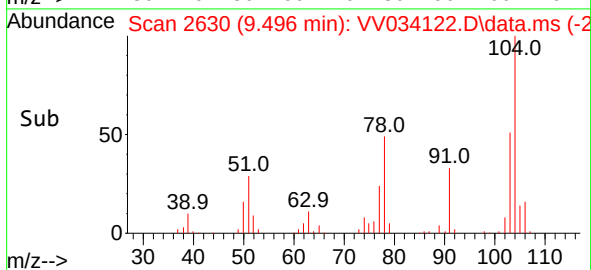
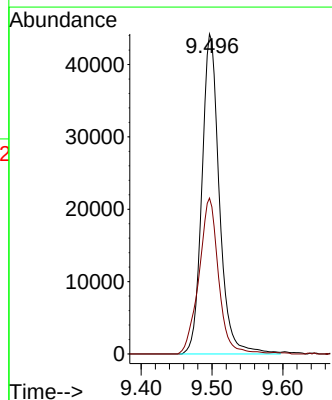
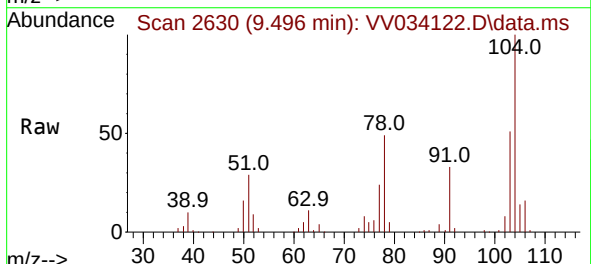
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

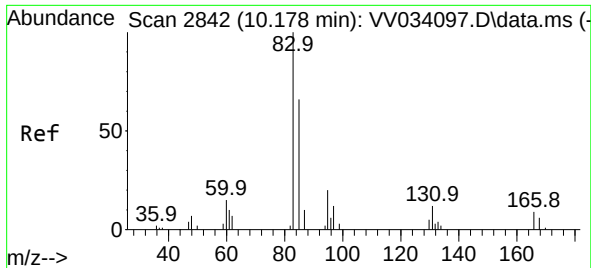
Tgt Ion:106 Resp: 46484
Ion Ratio Lower Upper
106 100
91 214.4 156.2 290.0



#55
Styrene
Concen: 5.131 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:104 Resp: 75700
Ion Ratio Lower Upper
104 100
78 48.7 32.9 61.1

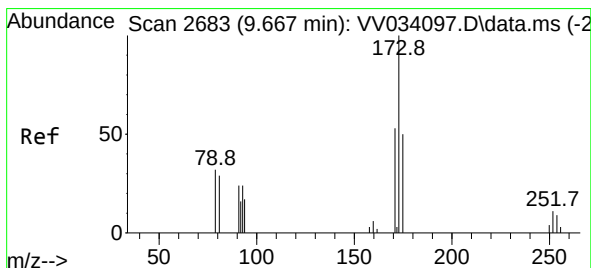
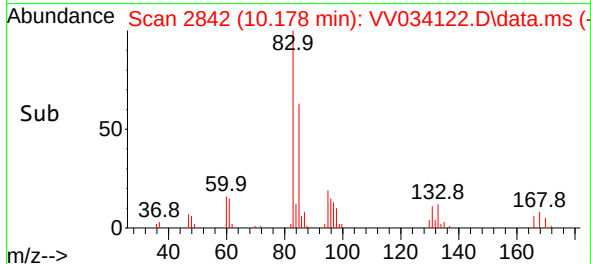
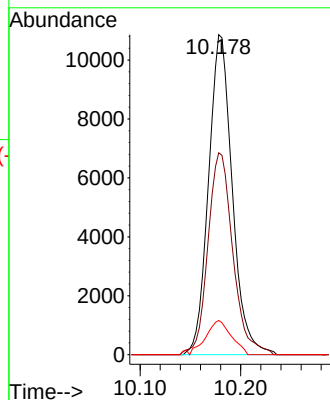
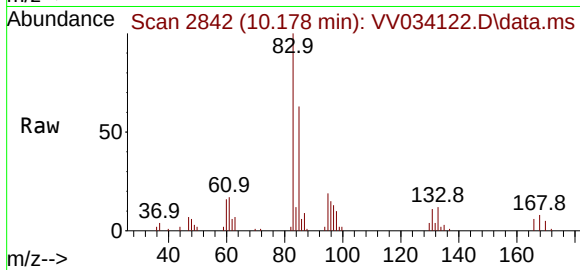




#57
1,1,2,2-Tetrachloroethane
Concen: 5.493 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

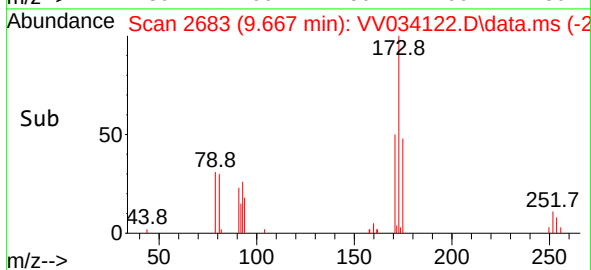
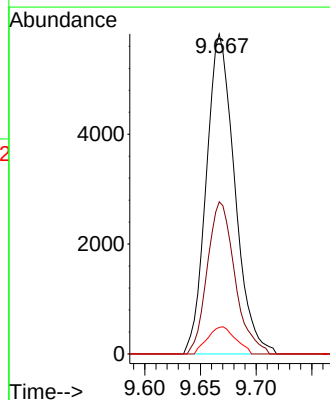
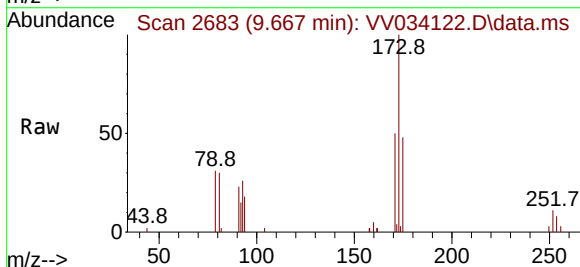
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

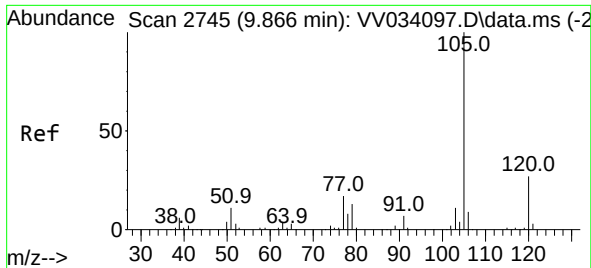
Tgt Ion:	83	Resp:	17821
Ion	Ratio	Lower	Upper
83	100		
85	63.1	46.5	86.3
131	10.7	8.4	12.6



#59
Bromoform
Concen: 5.253 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:	173	Resp:	10310
Ion	Ratio	Lower	Upper
173	100		
175	46.2	38.6	57.8
254	8.3	7.2	10.8

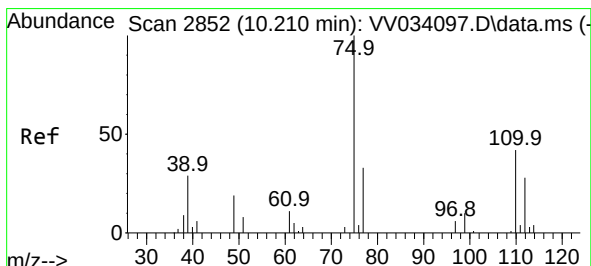
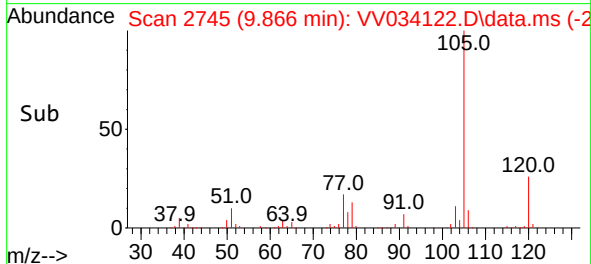
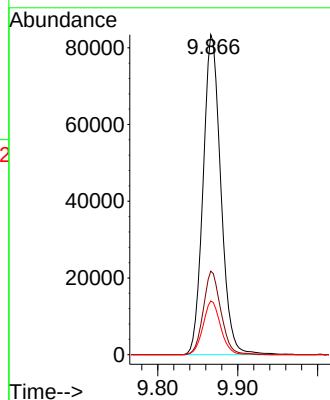
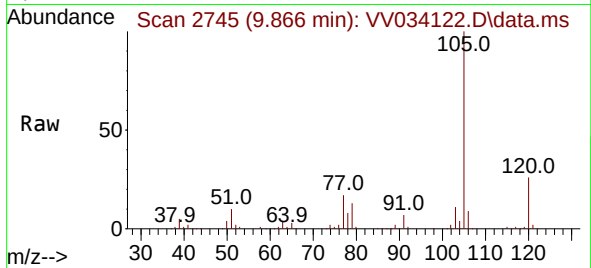




#60
Isopropylbenzene
Concen: 4.886 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

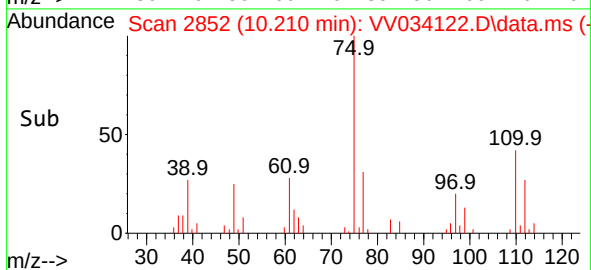
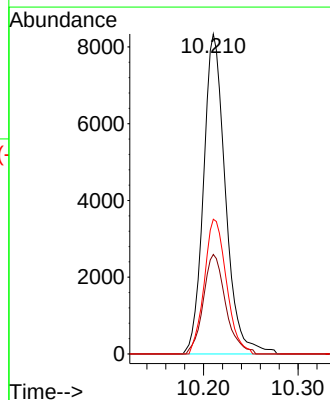
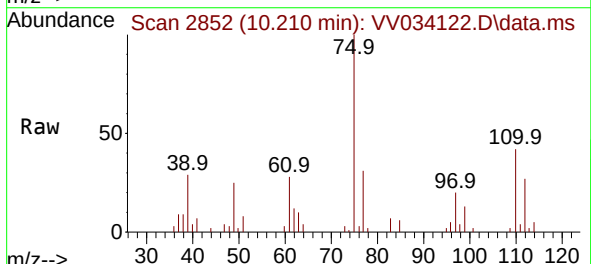
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

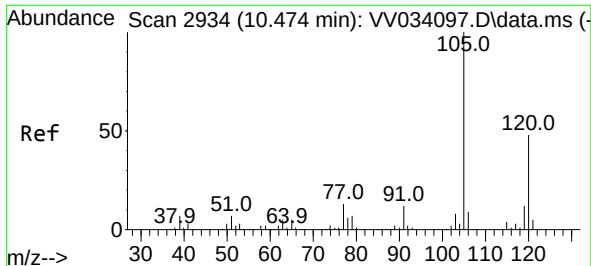
Tgt Ion:105 Resp: 128822
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.479 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 75 Resp: 13420
Ion Ratio Lower Upper
75 100
77 31.7 26.9 40.3
110 42.6 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.796 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

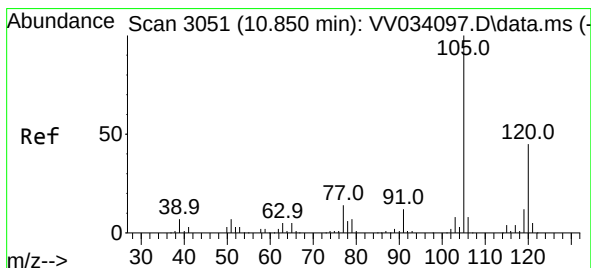
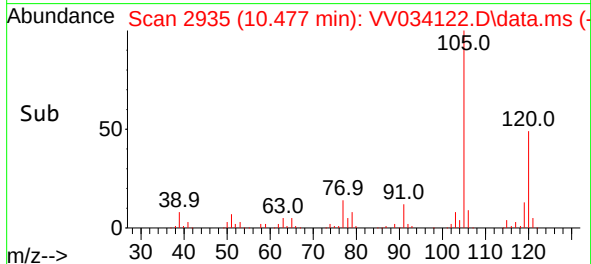
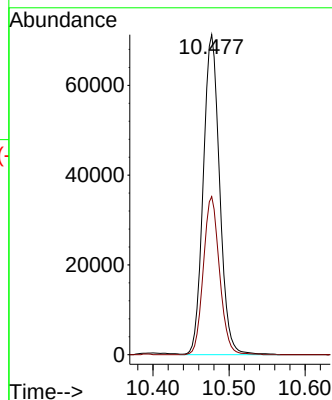
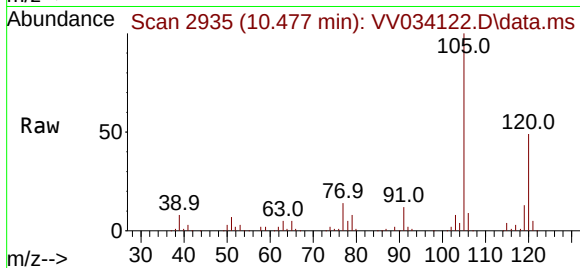
E0YC6MSD

Tgt Ion:105 Resp: 106886

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.968 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034122.D

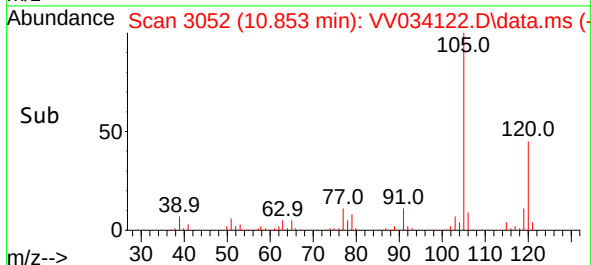
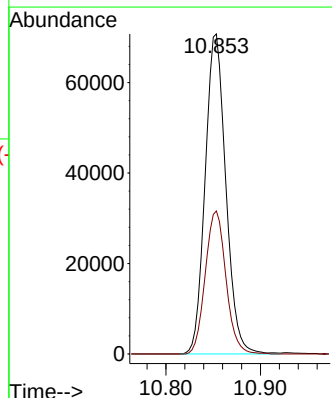
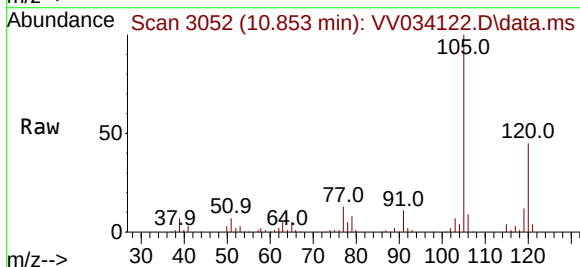
Acq: 09 Feb 2024 19:16

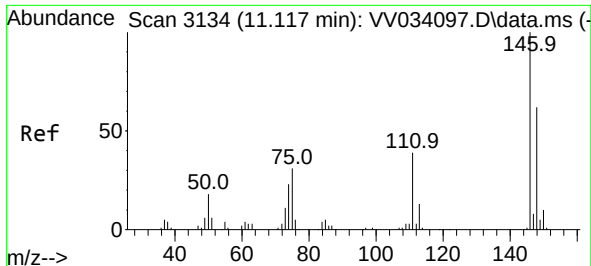
Tgt Ion:105 Resp: 107596

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.2

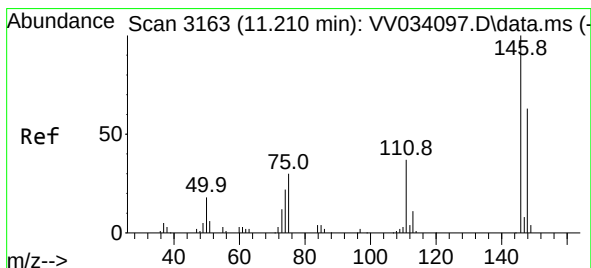
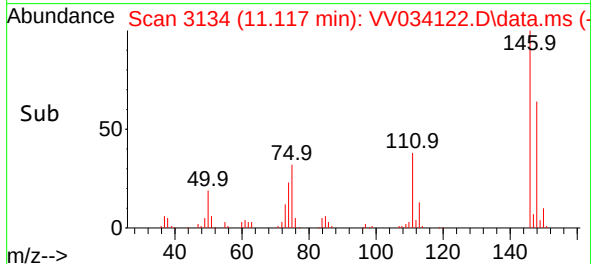
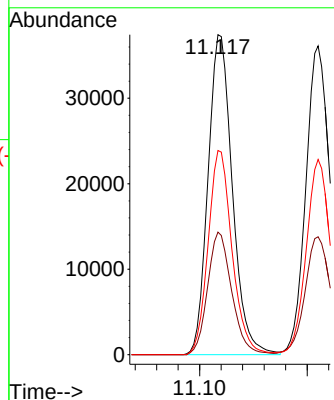
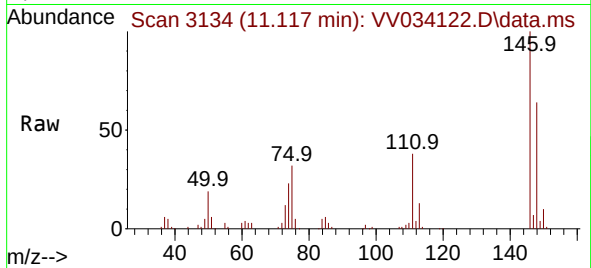




#64
1,3-Dichlorobenzene
Concen: 5.124 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

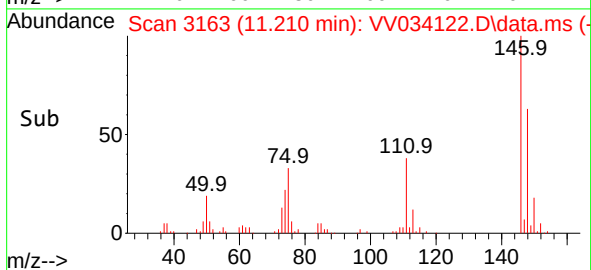
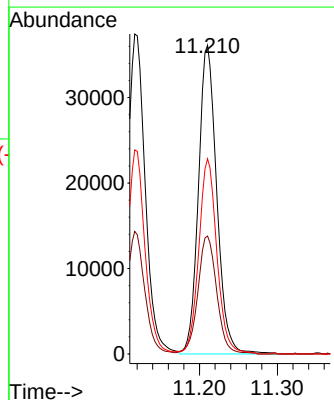
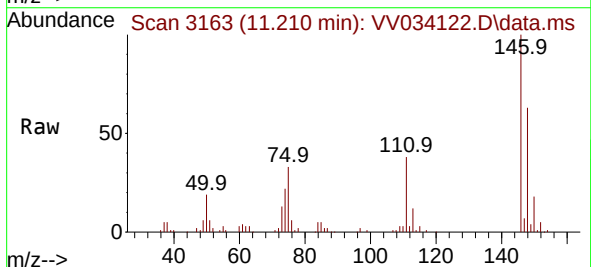
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

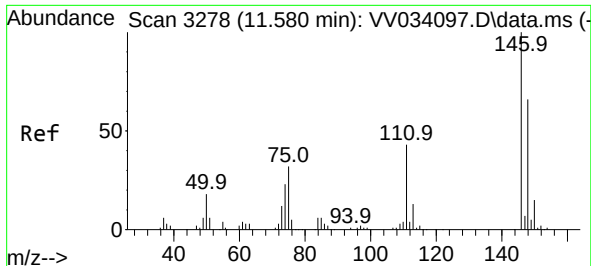
Tgt Ion:146 Resp: 58897
Ion Ratio Lower Upper
146 100
111 38.3 28.5 52.9
148 63.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.169 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion:146 Resp: 58837
Ion Ratio Lower Upper
146 100
111 38.2 27.6 51.4
148 63.2 44.8 83.2

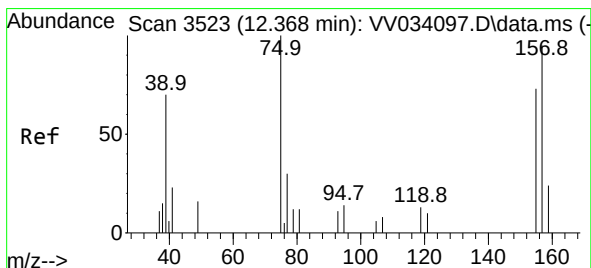
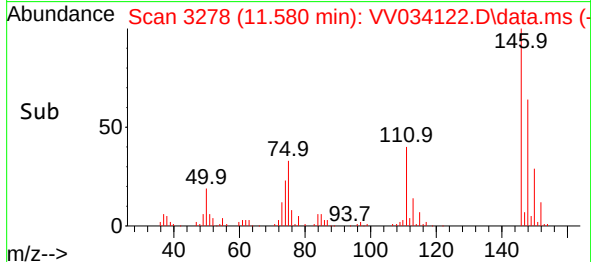
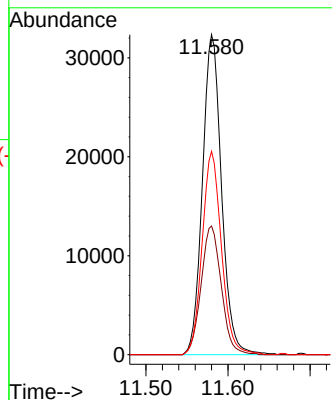
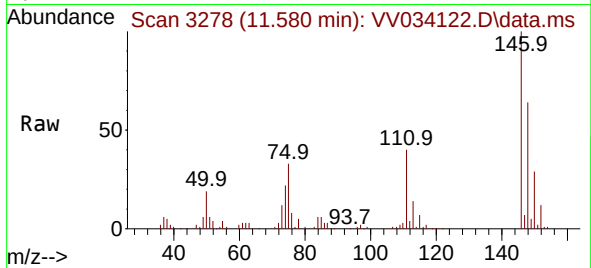




#67
1,2-Dichlorobenzene
Concen: 5.305 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

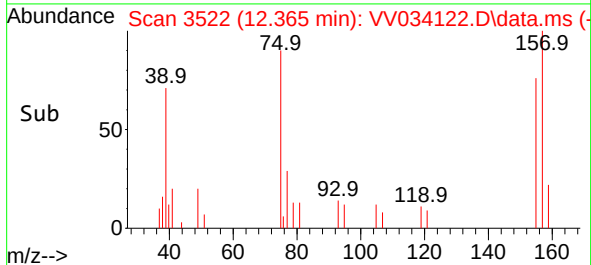
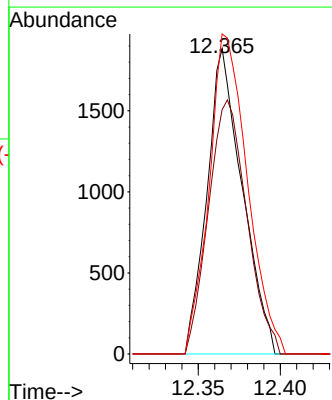
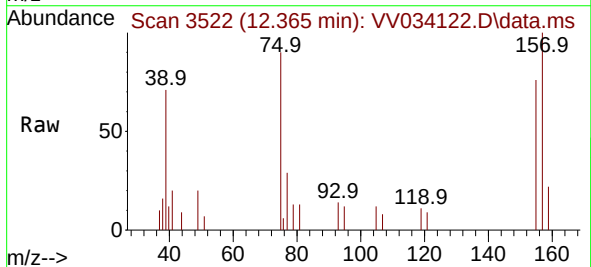
Instrument :
MSVOA_V
ClientSampleId :
E0YC6MSD

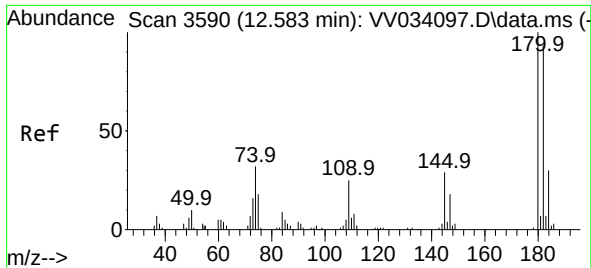
Tgt Ion:146 Resp: 52376
Ion Ratio Lower Upper
146 100
111 40.2 31.2 46.8
148 63.5 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.489 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV034122.D
Acq: 09 Feb 2024 19:16

Tgt Ion: 75 Resp: 2818
Ion Ratio Lower Upper
75 100
155 80.0 68.9 103.3
157 104.8 84.6 127.0

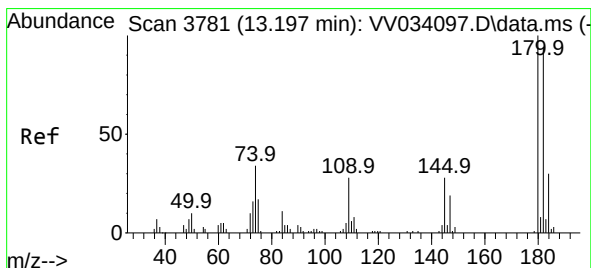
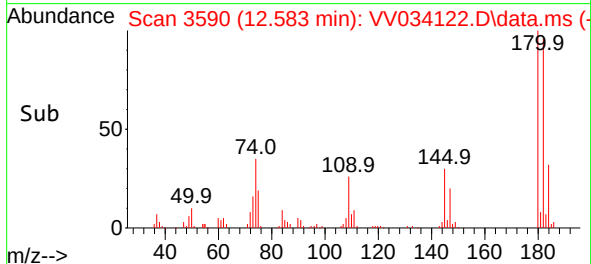
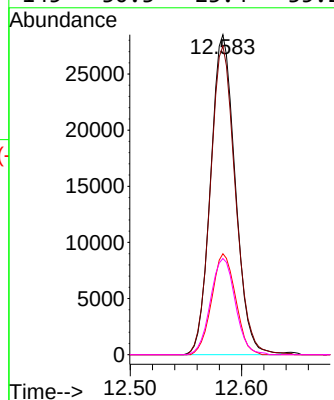
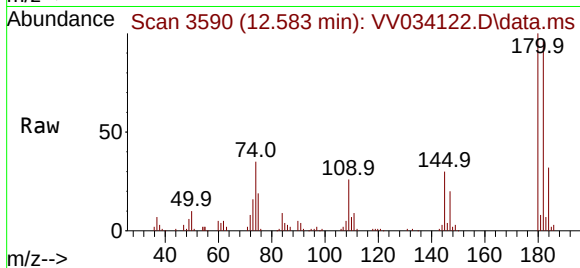




#69
 1,3,5-Trichlorobenzene
 Concen: 4.915 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034122.D
 Acq: 09 Feb 2024 19:16

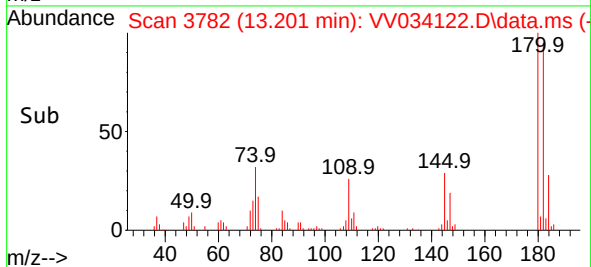
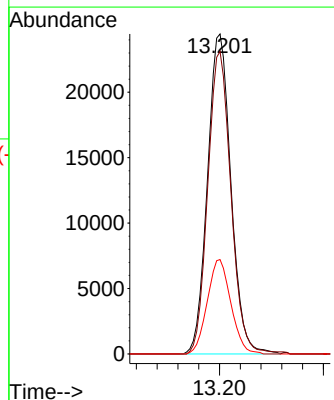
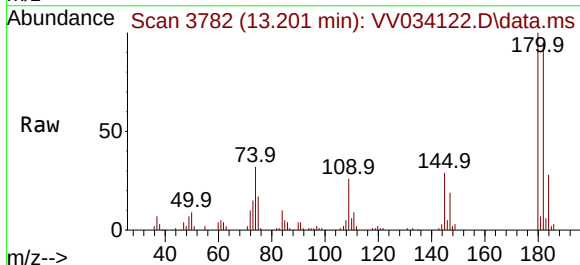
Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC6MSD

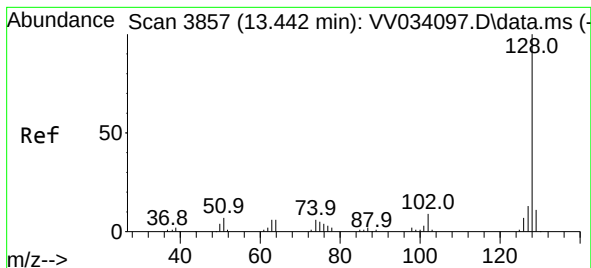
Tgt Ion:180	Resp:	43724
Ion Ratio	Lower	Upper
180	100	
182	97.9	77.0 115.4
184	30.6	23.8 35.6
145	30.3	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.513 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034122.D
 Acq: 09 Feb 2024 19:16

Tgt Ion:180	Resp:	38288
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.8 115.2
145	29.7	24.8 37.2





#71

Naphthalene

Concen: 6.387 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

E0YC6MSD

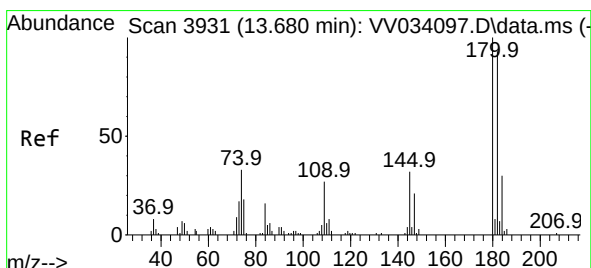
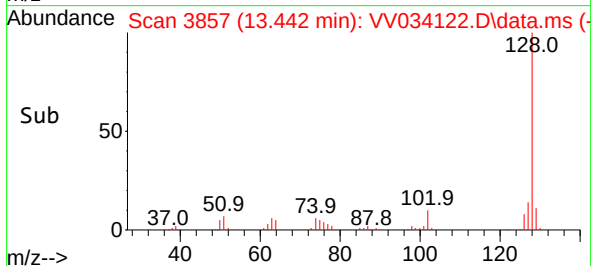
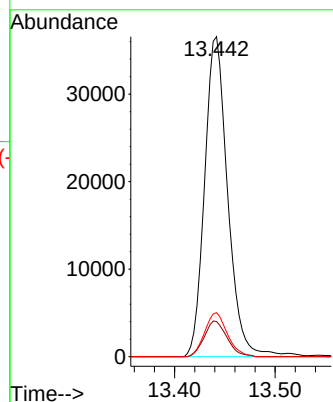
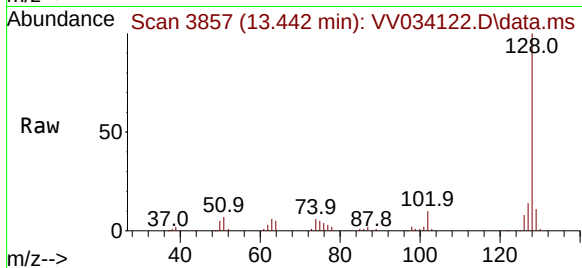
Tgt Ion:128 Resp: 58116

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.715 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034122.D

Acq: 09 Feb 2024 19:16

Tgt Ion:180 Resp: 31800

Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.6

145 33.3 25.2 37.8

