

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035322.D
 Acq On : 22 Apr 2024 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:23:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	434892	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	440362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	245630	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	203970	48.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.120%
7) Chloroethane-d5	1.536	69	166472	45.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.260%
11) 1,1-Dichloroethene-d2	2.060	65	83309	45.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.500%
21) 2-Butanone-d5	3.789	46	210536	84.521	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.520%
24) Chloroform-d	4.246	84	353210	50.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	4.937	65	211340	47.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
32) Benzene-d6	4.957	84	697084	47.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
36) 1,2-Dichloropropane-d6	5.985	67	215772	45.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	7.239	98	650097	48.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.548	79	100586	44.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	8.021	63	133010	74.896	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	299638	46.324	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	247705	44.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.111	85	129897	41.211	ug/L	99
3) Chloromethane	1.217	50	148508	36.649	ug/L	99
5) Vinyl chloride	1.288	62	165283	38.908	ug/L	99
6) Bromomethane	1.494	94	90276	28.351	ug/L	97
8) Chloroethane	1.552	64	118402	40.811	ug/L	98
9) Trichlorofluoromethane	1.716	101	241697	43.350	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	158351	46.402	ug/L	98
12) 1,1-Dichloroethene	2.072	96	133919	41.031	ug/L	97
13) Acetone	2.124	43	258928	113.224	ug/L	99
14) Carbon disulfide	2.243	76	334746	36.420	ug/L	100
15) Methyl Acetate	2.375	43	188243	52.235	ug/L	98
16) Methylene chloride	2.449	84	183922	52.006	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	152067	48.190	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	548893	49.522	ug/L	99
19) 1,1-Dichloroethane	3.111	63	335318	51.818	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	182773	51.007	ug/L	95
22) 2-Butanone	3.867	43	278801	105.063	ug/L	98
23) Bromochloromethane	4.143	128	98261	54.809	ug/L	93
25) Chloroform	4.272	83	348893	54.533	ug/L	98

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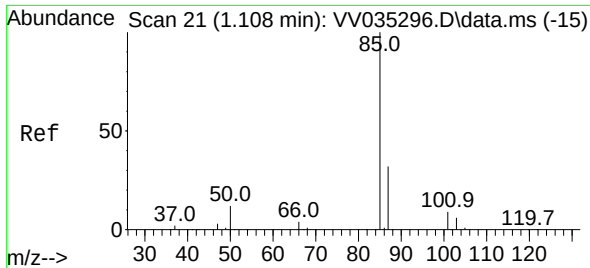
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 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	265294	52.081	ug/L	98
29) Cyclohexane	4.580	56	225961	40.969	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	288949	50.339	ug/L	99
31) Carbon tetrachloride	4.732	117	246566	50.679	ug/L	99
33) Benzene	5.008	78	696569	48.509	ug/L	100
34) Trichloroethene	5.828	95	184379	47.578	ug/L	98
35) Methylcyclohexane	6.047	83	259298	44.304	ug/L	100
37) 1,2-Dichloropropane	6.088	63	201951	50.891	ug/L	99
38) Bromodichloromethane	6.429	83	264357	51.631	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	295292	47.237	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	490537	96.818	ug/L	99
42) Toluene	7.310	91	753889	50.147	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	288076	50.159	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	203639	54.445	ug/L	98
46) Tetrachloroethene	7.902	164	141460	52.249	ug/L	97
48) 2-Hexanone	8.072	43	424233	98.448	ug/L	97
49) Dibromochloromethane	8.172	129	201907	54.503	ug/L	99
50) 1,2-Dibromoethane	8.278	107	202780	50.357	ug/L	97
51) Chlorobenzene	8.809	112	499476	51.262	ug/L	99
52) Ethylbenzene	8.944	91	833512	50.026	ug/L	100
53) m,p-Xylene	9.069	106	310317	50.575	ug/L	99
54) o-Xylene	9.474	106	303026	49.913	ug/L	97
55) Styrene	9.490	104	559875	54.572	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	328449	54.198	ug/L	99
59) Bromoform	9.661	173	148193	52.647	ug/L	98
60) Isopropylbenzene	9.863	105	844501	47.691	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	254492	47.813	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	545105	47.399	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	689062	48.461	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	425678	51.440	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	440164	52.305	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	432233	52.432	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	61783	42.133	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	315313	52.869	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	276936	50.551	ug/L	99
71) Naphthalene	13.435	128	527958	34.736	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	270777	50.143	ug/L	98

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

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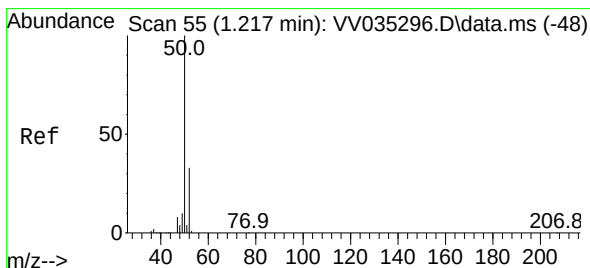
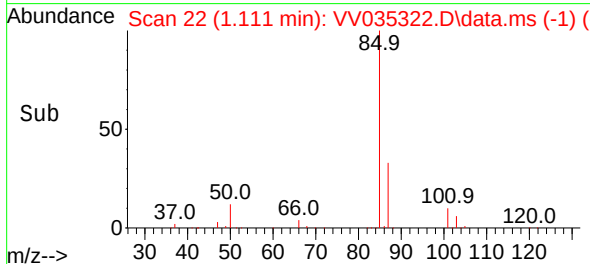
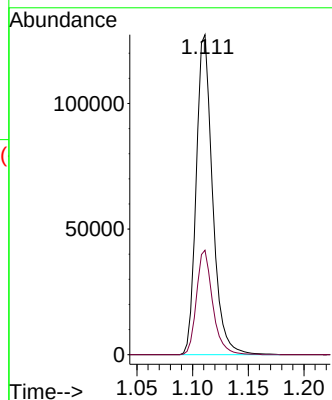
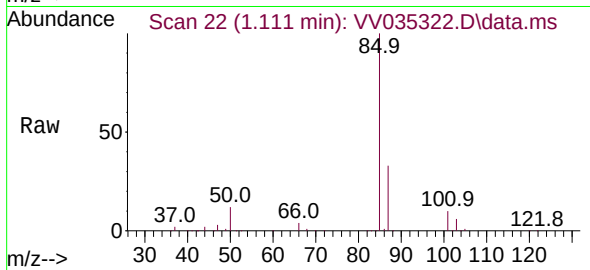




#2
 Dichlorodifluoromethane
 Concen: 41.211 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV035322.D
 Acq: 22 Apr 2024 10:00

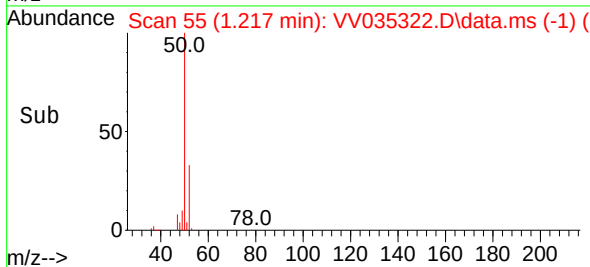
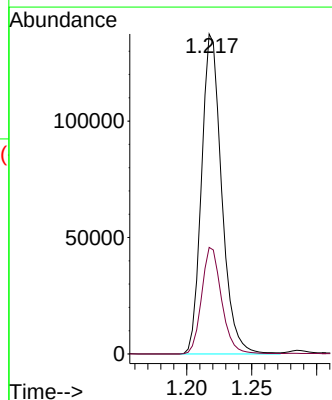
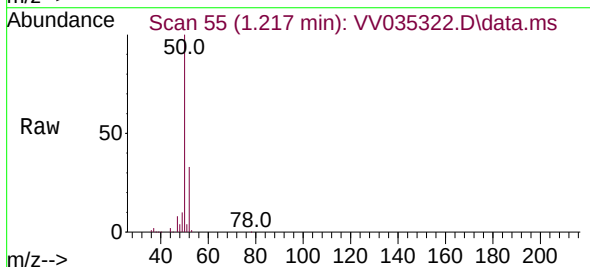
Instrument :
 MSVOA_V
 ClientSampleId :

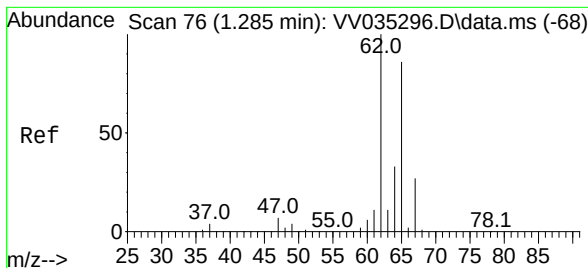
Tgt Ion: 85 Resp: 129897
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.7 38.5



#3
 Chloromethane
 Concen: 36.649 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035322.D
 Acq: 22 Apr 2024 10:00

Tgt Ion: 50 Resp: 148508
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8





#5

Vinyl chloride

Concen: 38.908 ug/L

RT: 1.288 min Scan# 71

Delta R.T. 0.003 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

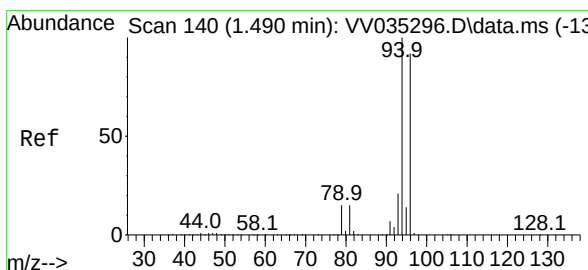
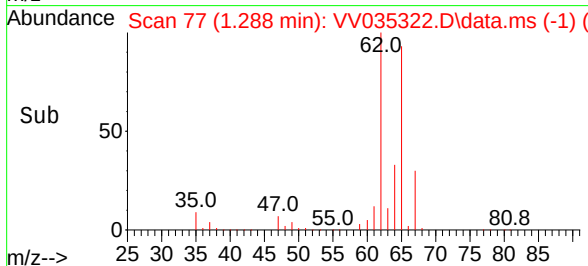
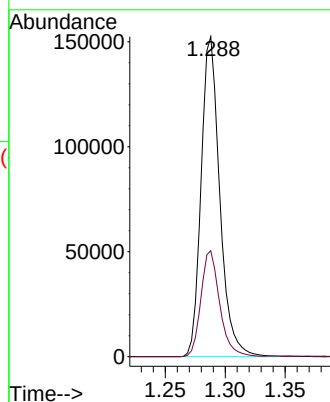
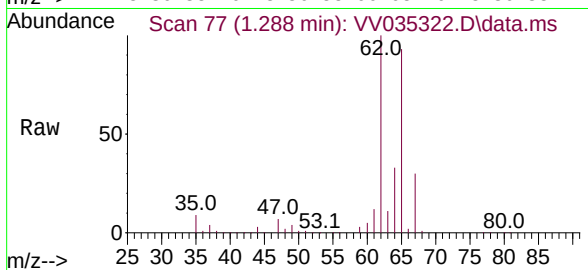
ClientSampleId :

Tgt Ion: 62 Resp: 165283

Ion Ratio Lower Upper

62 100

64 33.1 23.6 43.8



#6

Bromomethane

Concen: 28.351 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV035322.D

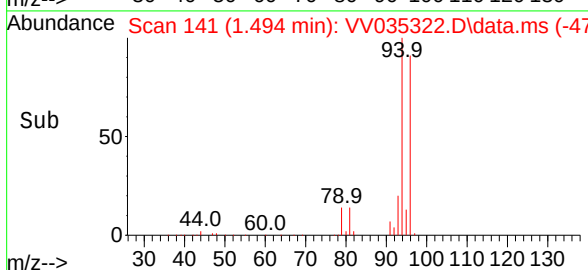
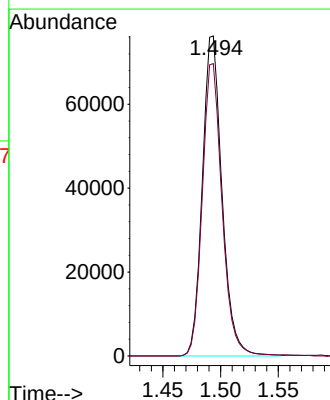
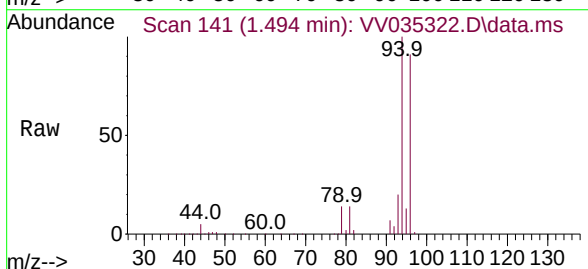
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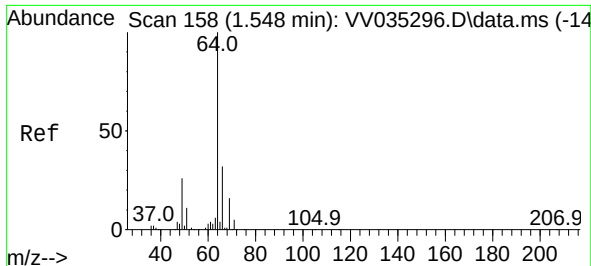
Tgt Ion: 94 Resp: 90276

Ion Ratio Lower Upper

94 100

96 91.3 66.3 123.1

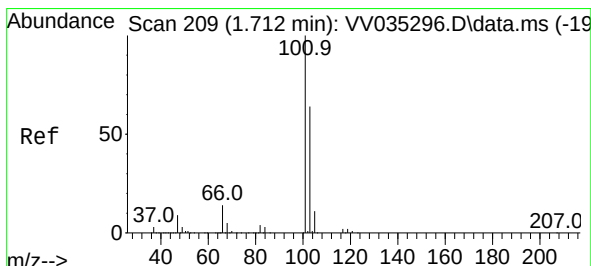
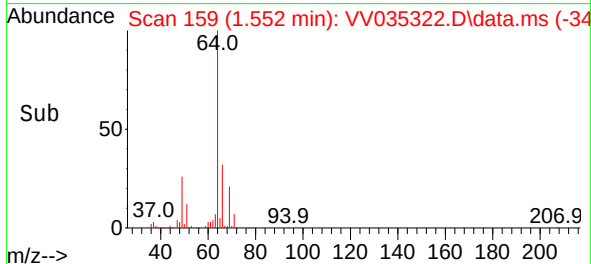
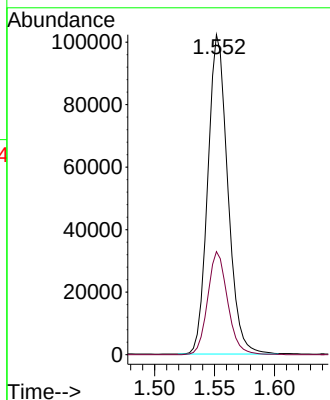
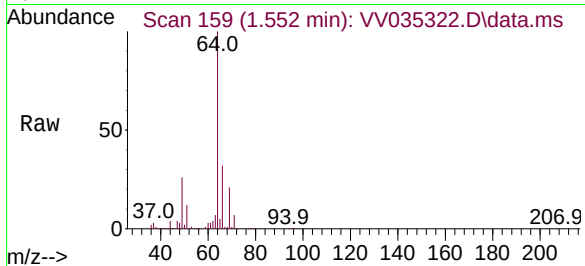




#8
Chloroethane
Concen: 40.811 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

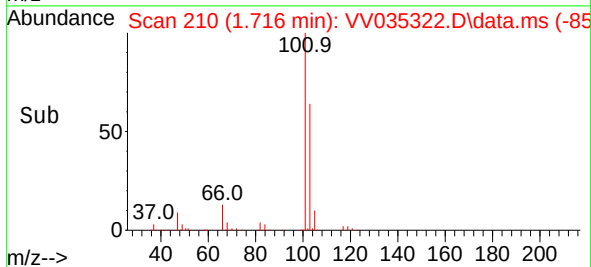
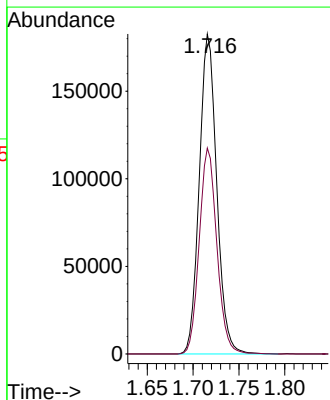
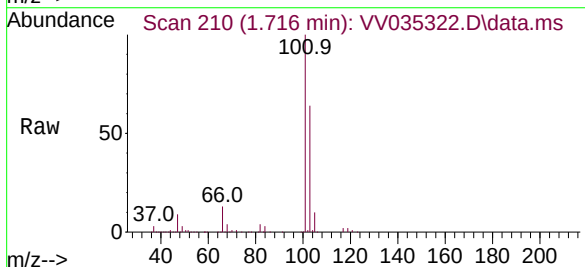
Instrument :
MSVOA_V
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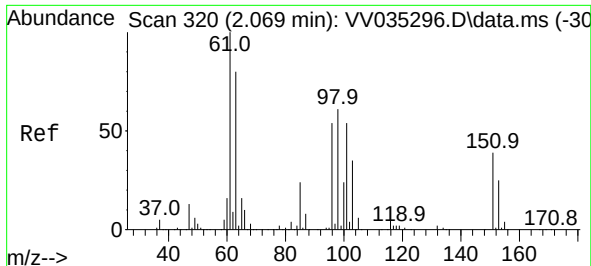
Tgt Ion: 64 Resp: 118402
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 43.350 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion:101 Resp: 241697
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

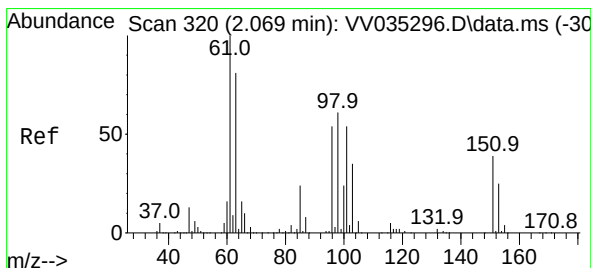
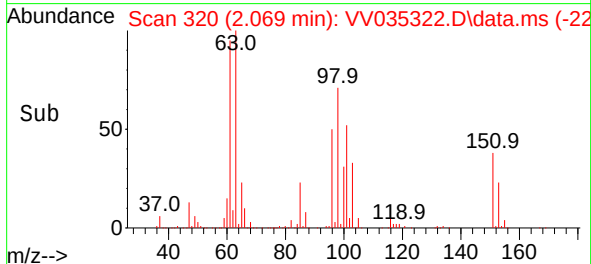
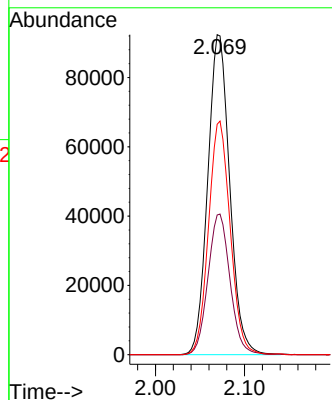
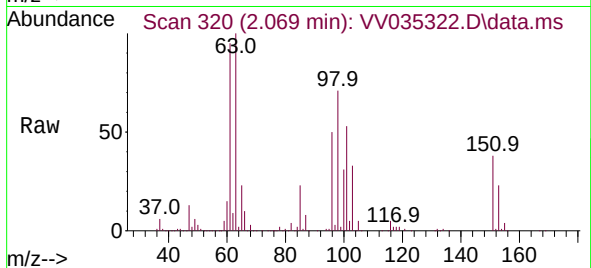




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.402 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

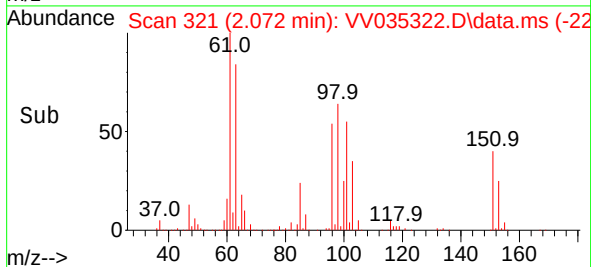
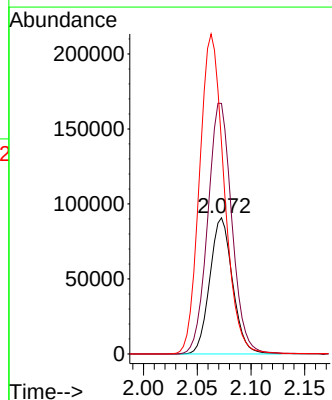
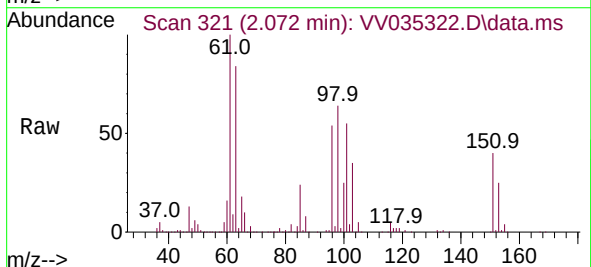
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ClientSampleId :

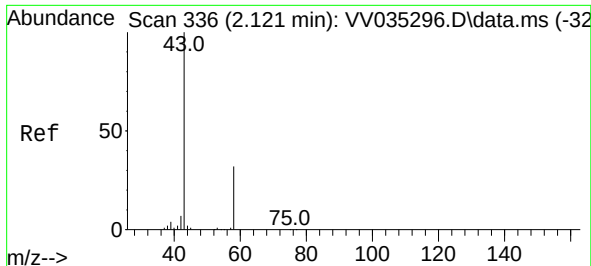
Tgt Ion:101 Resp: 158351
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 71.9 55.0 82.4



#12
1,1-Dichloroethene
Concen: 41.031 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 96 Resp: 133919
Ion Ratio Lower Upper
96 100
61 183.9 131.5 244.3
63 155.2 111.4 206.8





#13

Acetone

Concen: 113.224 ug/L

RT: 2.124 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

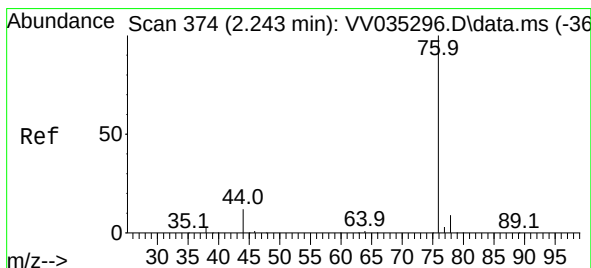
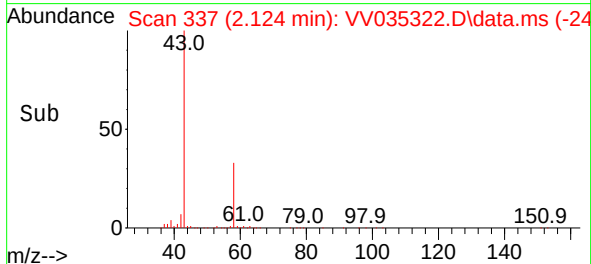
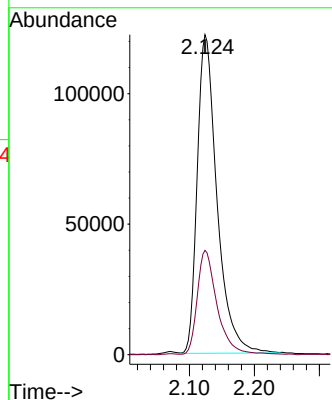
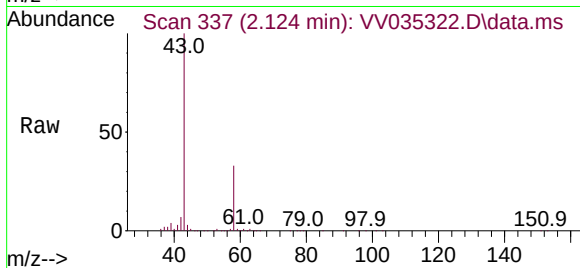
ClientSampleId :

Tgt Ion: 43 Resp: 258928

Ion Ratio Lower Upper

43 100

58 32.2 0.0 66.0



#14

Carbon disulfide

Concen: 36.420 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV035322.D

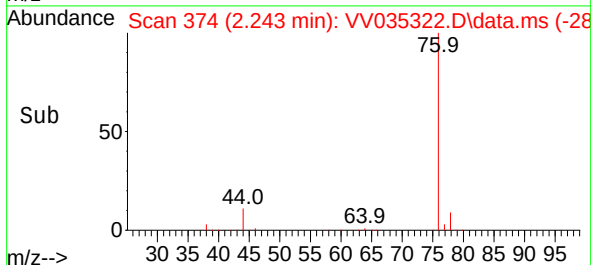
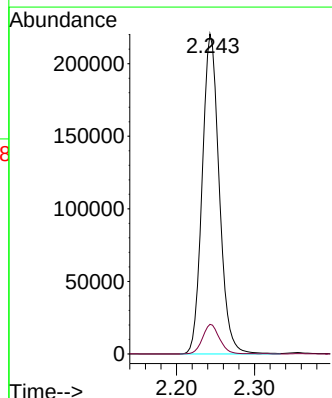
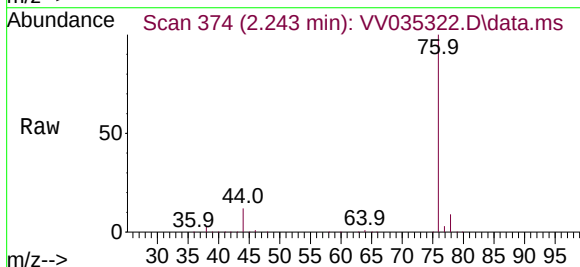
Acq: 22 Apr 2024 10:00

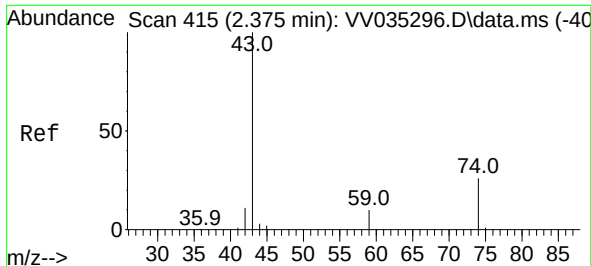
Tgt Ion: 76 Resp: 334746

Ion Ratio Lower Upper

76 100

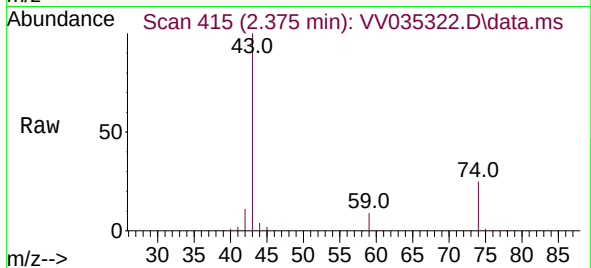
78 9.3 7.4 11.0



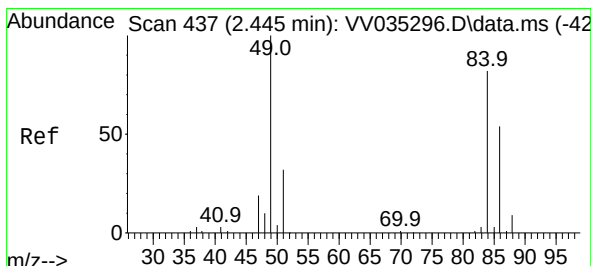
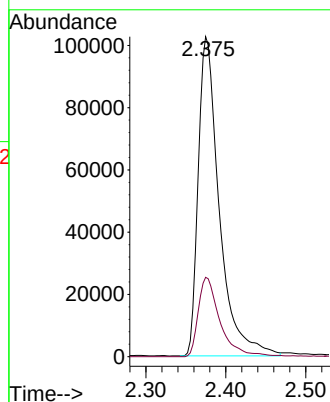
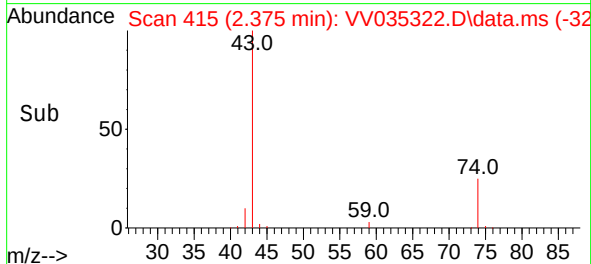


#15
Methyl Acetate
Concen: 52.235 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

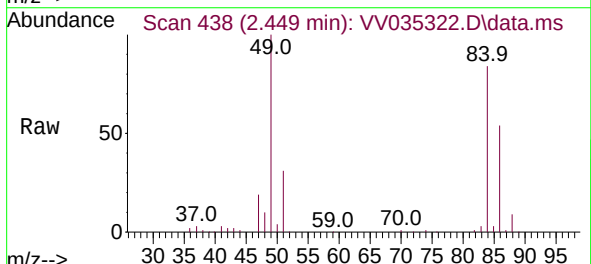
Instrument :
MSVOA_V
ClientSampleId :



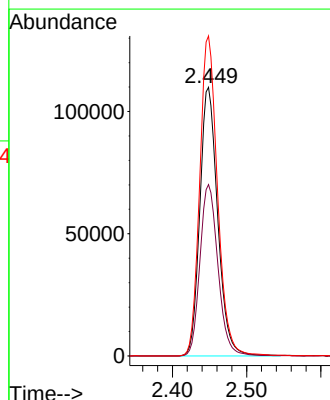
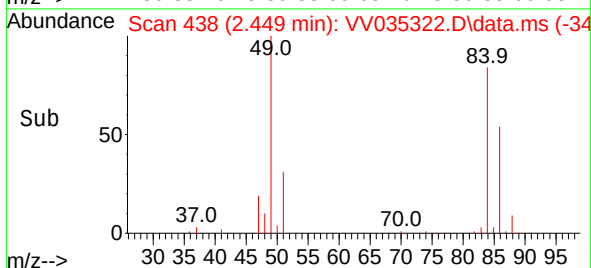
Tgt Ion: 43 Resp: 188243
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.8

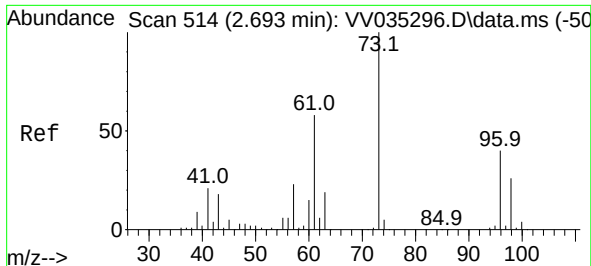


#16
Methylene chloride
Concen: 52.006 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00



Tgt Ion: 84 Resp: 183922
Ion Ratio Lower Upper
84 100
86 63.8 44.6 82.8
49 119.1 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 48.190 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :

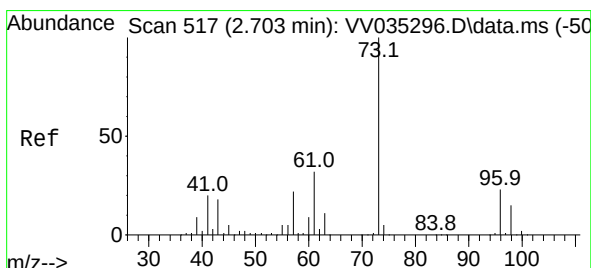
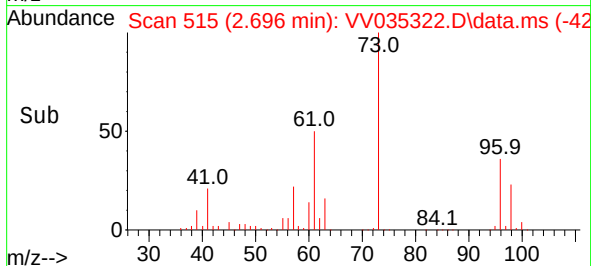
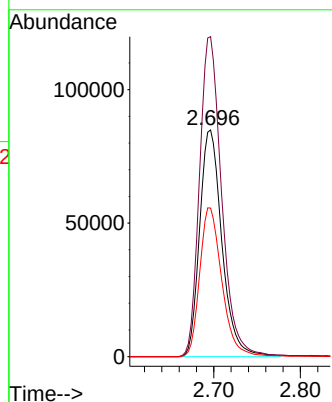
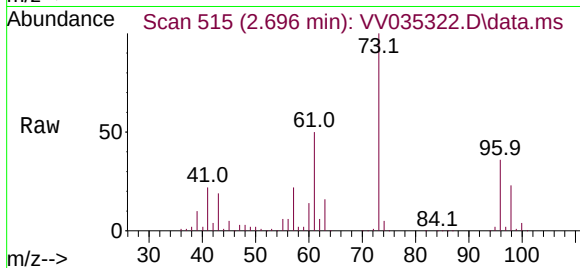
Tgt Ion: 96 Resp: 152067

Ion Ratio Lower Upper

96 100

61 141.2 99.0 183.8

98 65.6 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.522 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

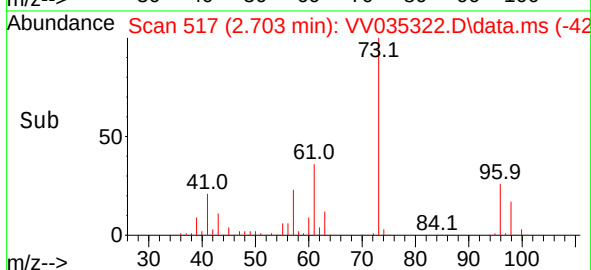
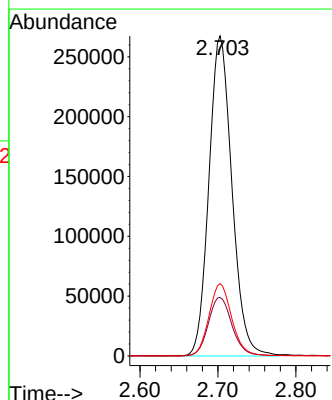
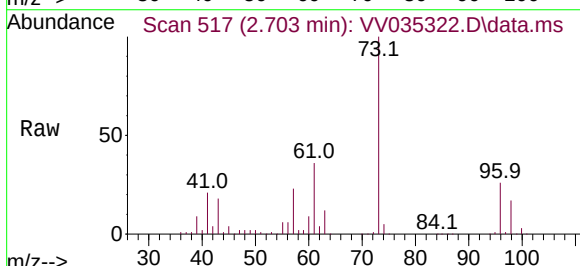
Tgt Ion: 73 Resp: 548893

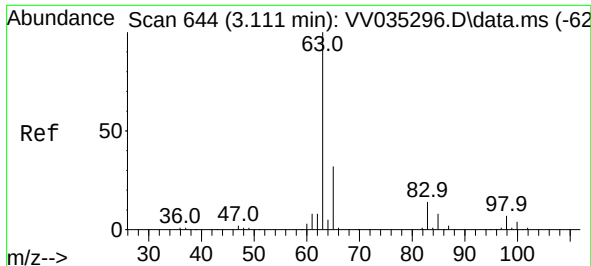
Ion Ratio Lower Upper

73 100

43 18.5 14.6 21.8

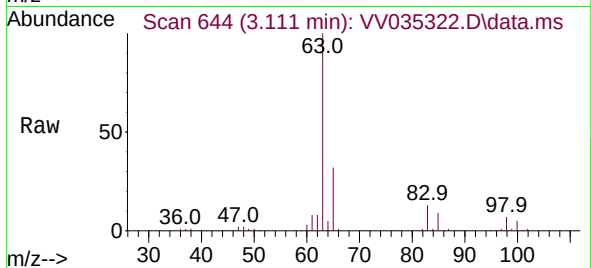
57 22.4 17.6 26.4



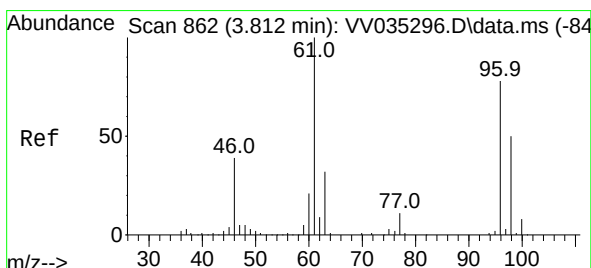
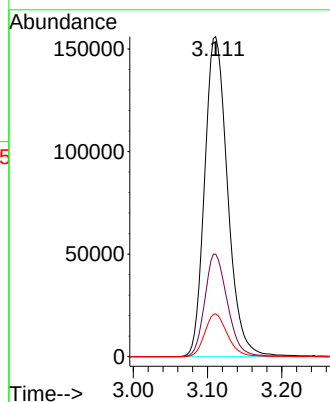
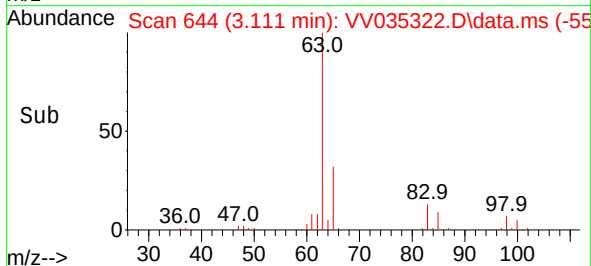


#19
1,1-Dichloroethane
Concen: 51.818 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Instrument :
MSVOA_V
ClientSampleId :

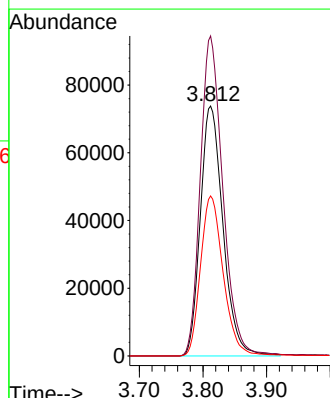
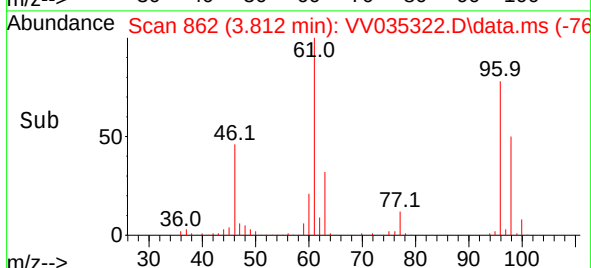
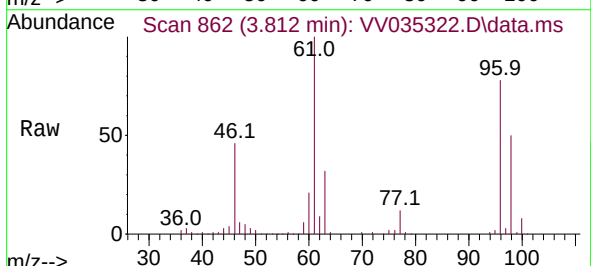


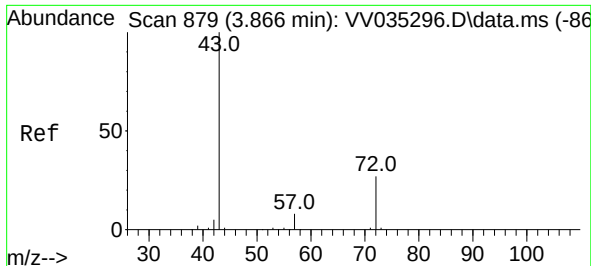
Tgt Ion: 63 Resp: 335318
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.4 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.007 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 96 Resp: 182773
Ion Ratio Lower Upper
96 100
61 128.0 94.9 176.3
98 64.0 45.6 84.8





#22

2-Butanone

Concen: 105.063 ug/L

RT: 3.867 min Scan# 879

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

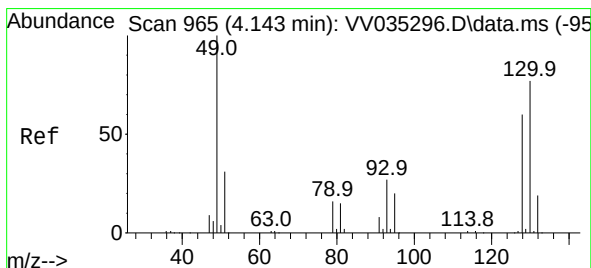
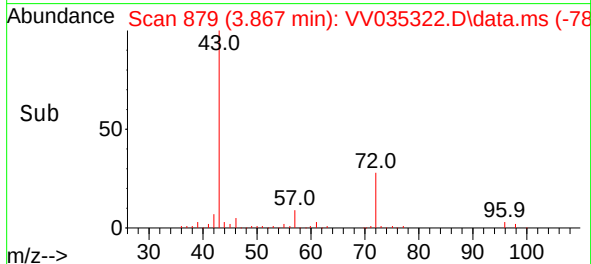
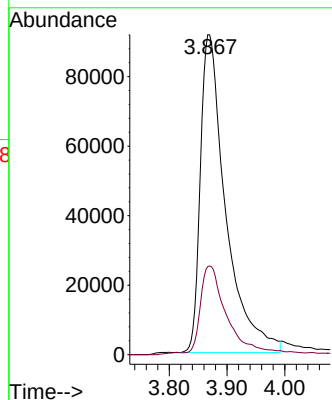
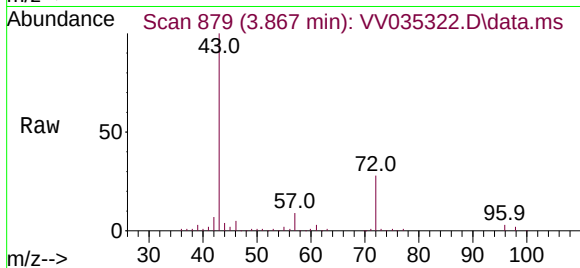
ClientSampleId :

Tgt Ion: 43 Resp: 278801

Ion Ratio Lower Upper

43 100

72 27.3 13.2 39.6



#23

Bromochloromethane

Concen: 54.809 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Tgt Ion: 128 Resp: 98261

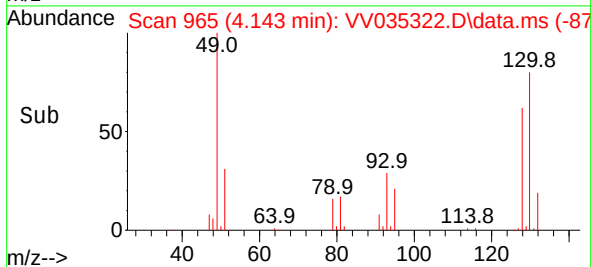
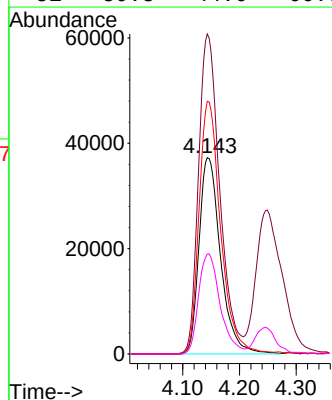
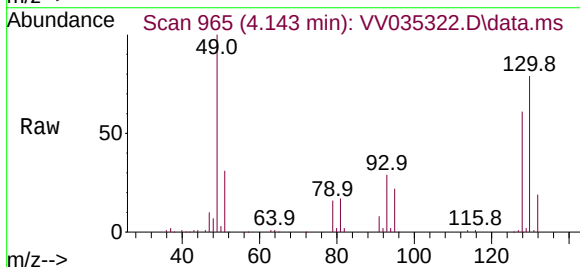
Ion Ratio Lower Upper

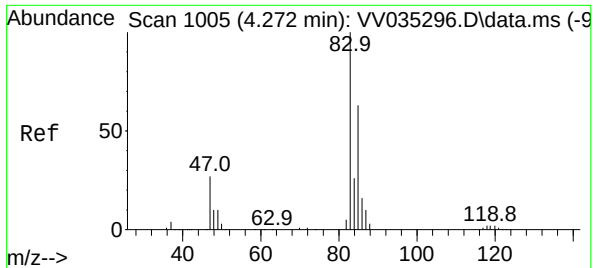
128 100

49 163.0 123.8 229.8

130 128.7 93.2 173.0

51 50.8 44.0 66.0





#25

Chloroform

Concen: 54.533 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

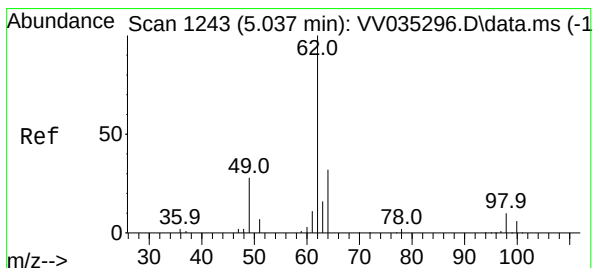
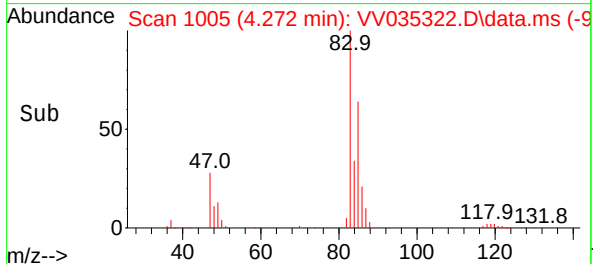
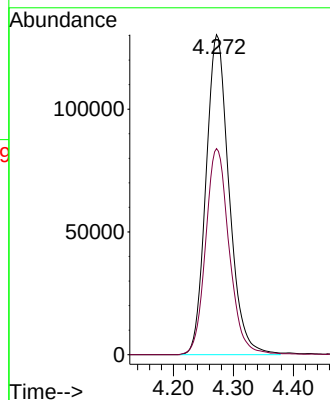
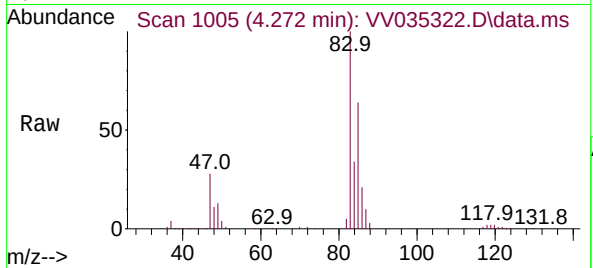
ClientSampleId :

Tgt Ion: 83 Resp: 348893

Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 52.081 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035322.D

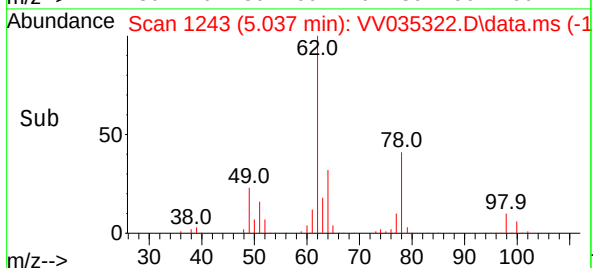
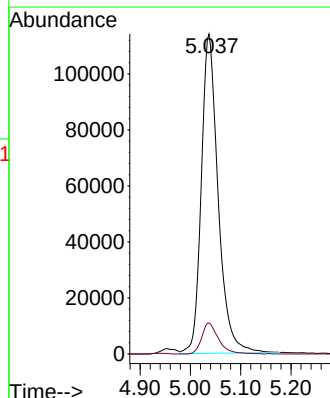
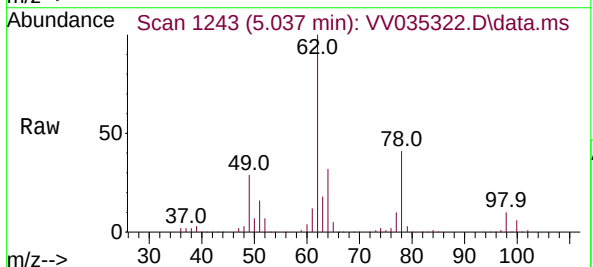
Acq: 22 Apr 2024 10:00

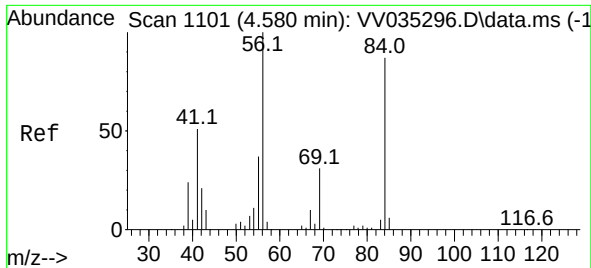
Tgt Ion: 62 Resp: 265294

Ion Ratio Lower Upper

62 100

98 9.7 7.2 10.8





#29

Cyclohexane

Concen: 40.969 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :

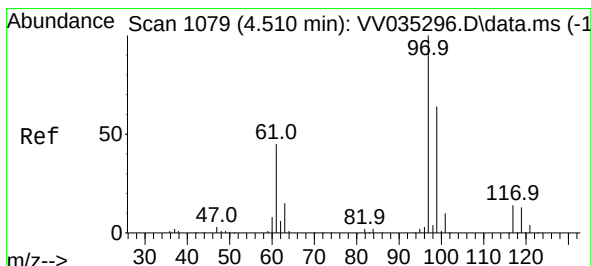
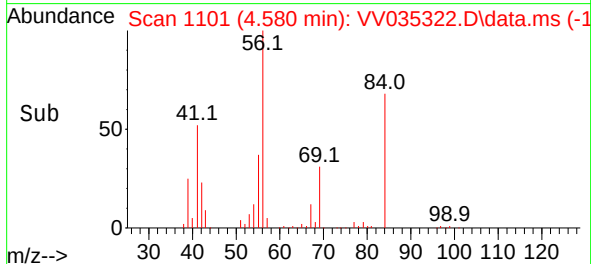
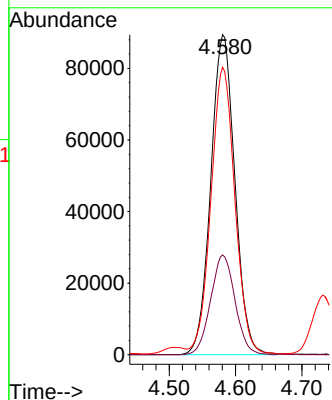
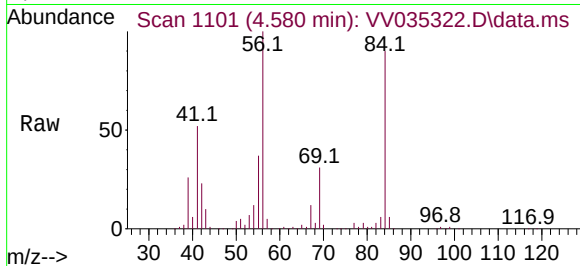
Tgt Ion: 56 Resp: 225961

Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.2

84 88.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.339 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

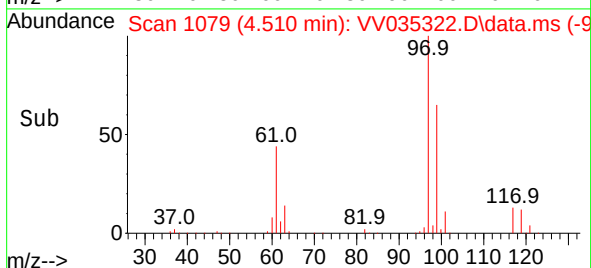
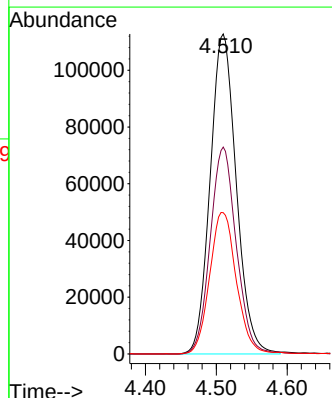
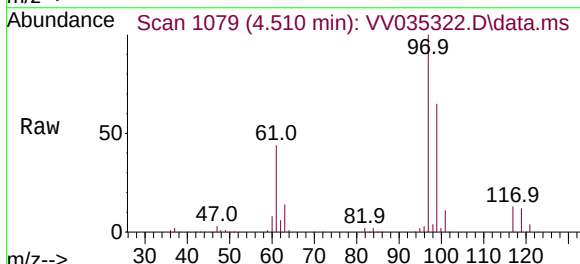
Tgt Ion: 97 Resp: 288949

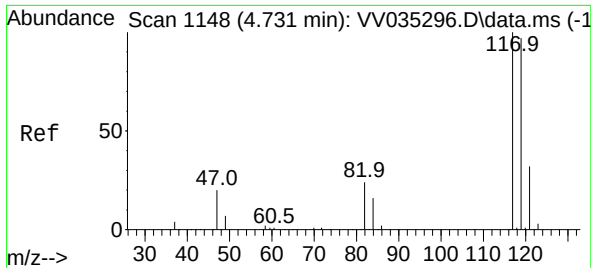
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

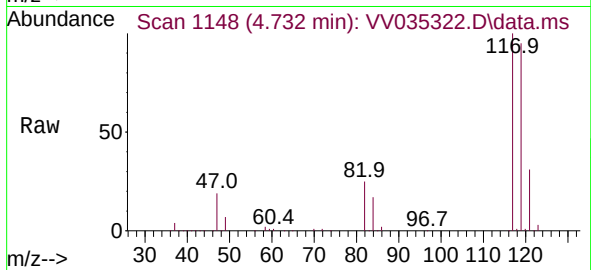
61 45.3 36.8 55.2



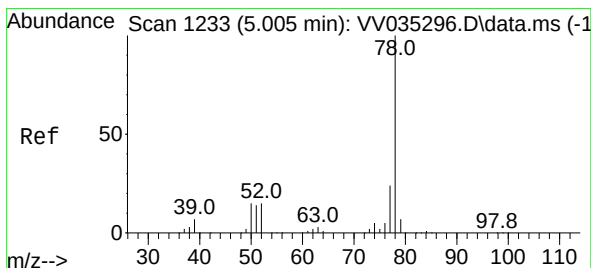
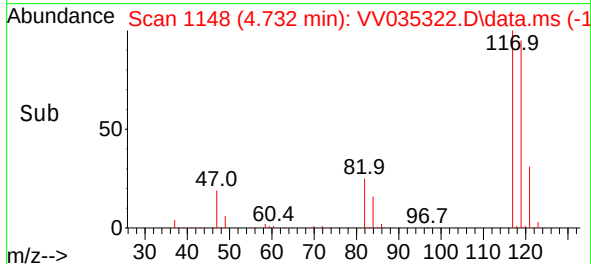
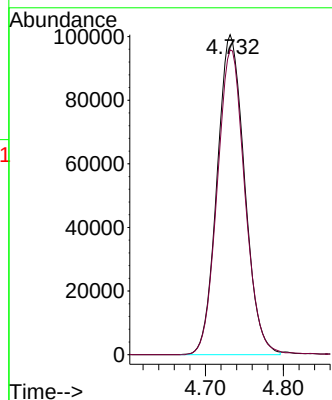


#31
Carbon tetrachloride
Concen: 50.679 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Instrument :
MSVOA_V
ClientSampleId :

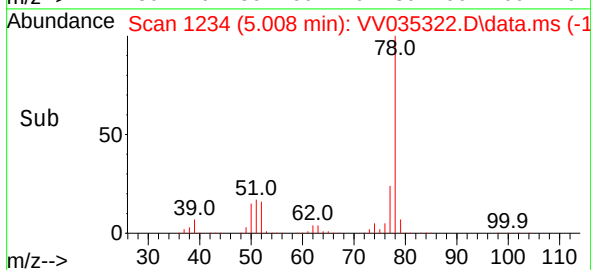
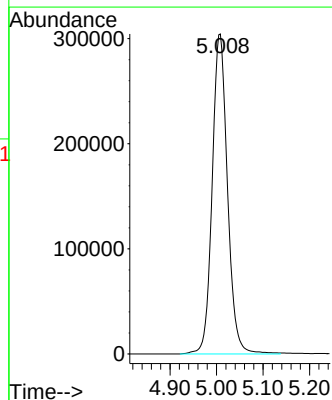
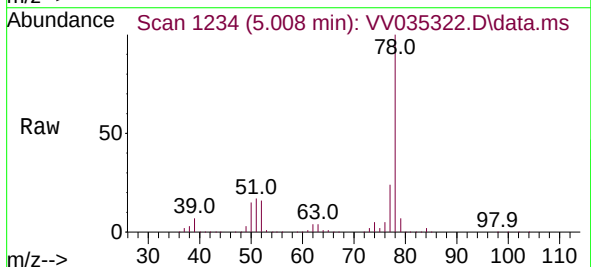


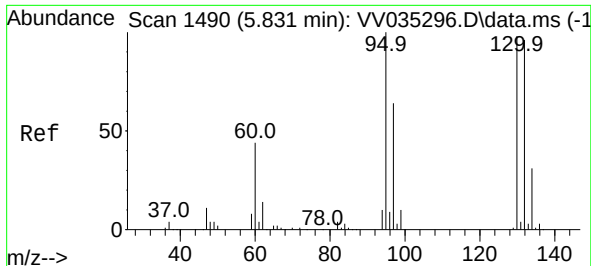
Tgt Ion:117 Resp: 246566
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 48.509 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 78 Resp: 696569

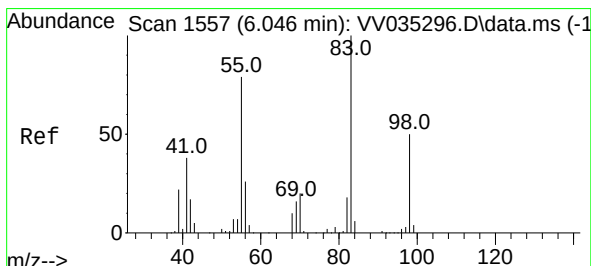
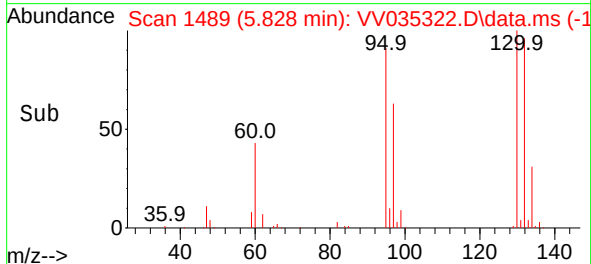
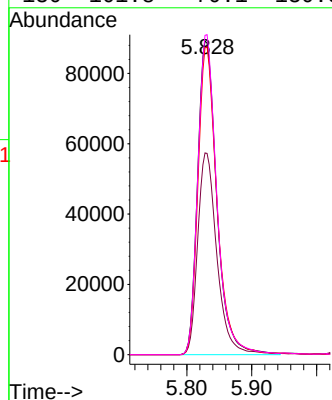
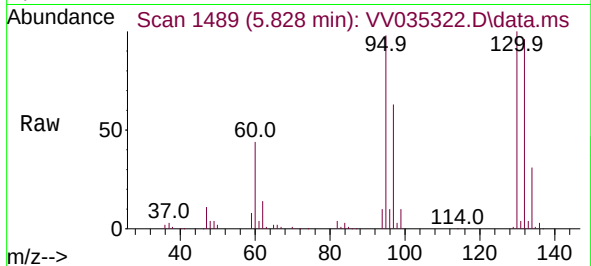




#34
Trichloroethene
Concen: 47.578 ug/L
RT: 5.828 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

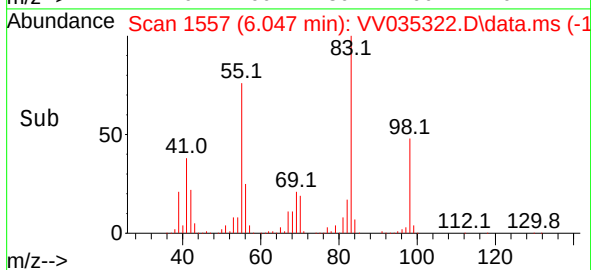
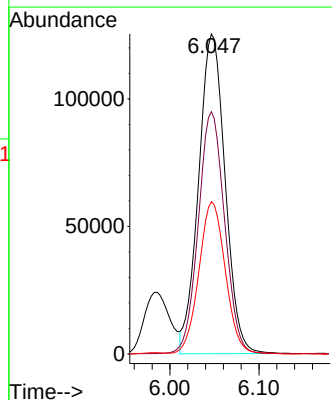
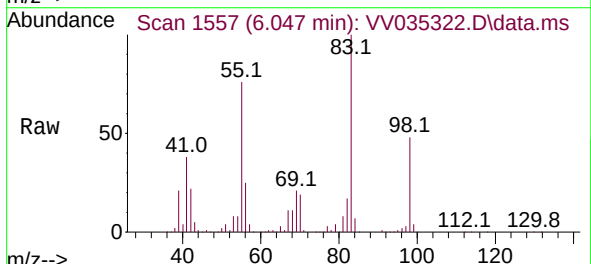
Instrument :
MSVOA_V
ClientSampleId :

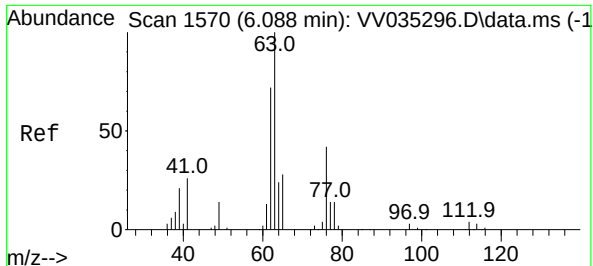
Tgt Ion: 95 Resp: 184379
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 97.8 65.3 121.3
130 101.8 70.1 130.3



#35
Methylcyclohexane
Concen: 44.304 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 83 Resp: 259298
Ion Ratio Lower Upper
83 100
55 75.2 60.0 90.0
98 47.6 37.6 56.4

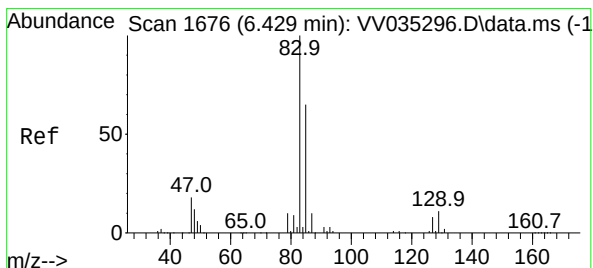
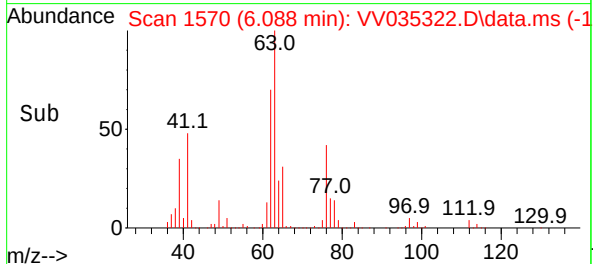
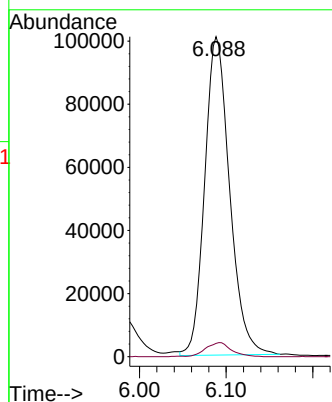
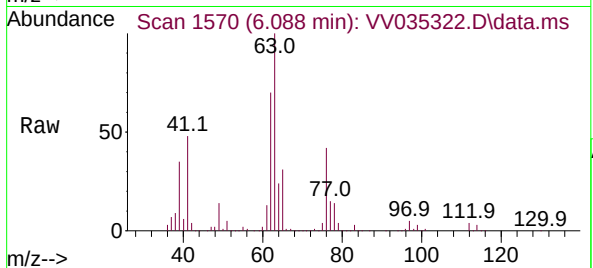




#37
1,2-Dichloropropane
Concen: 50.891 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

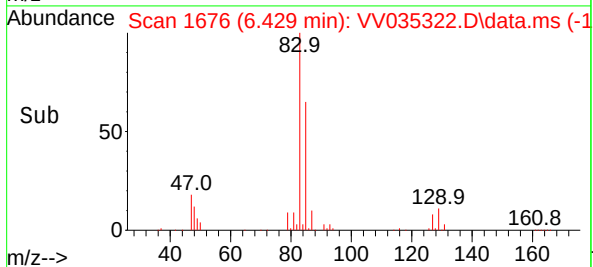
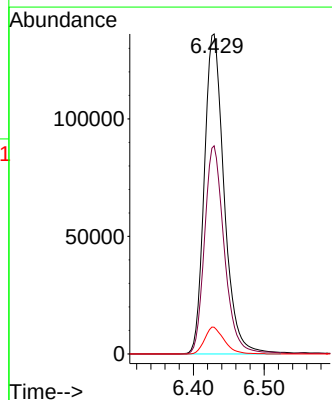
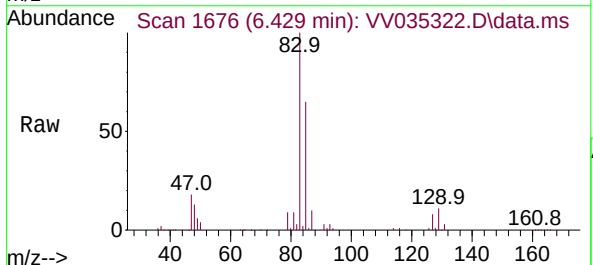
Instrument :
MSVOA_V
ClientSampleId :

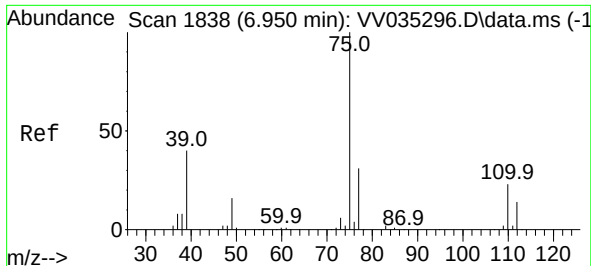
Tgt Ion: 63 Resp: 201951
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 51.631 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 83 Resp: 264357
Ion Ratio Lower Upper
83 100
85 65.0 43.7 81.1
127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 47.237 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

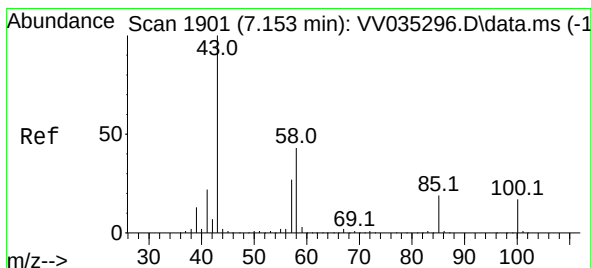
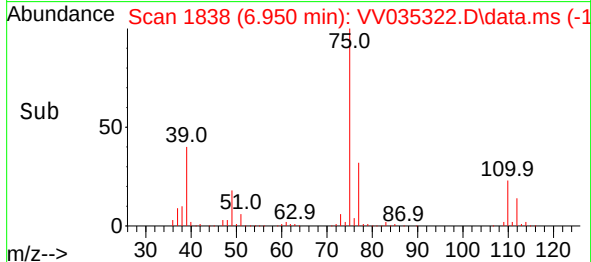
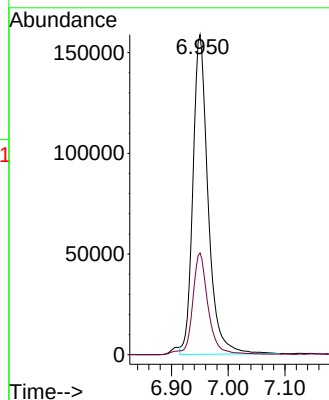
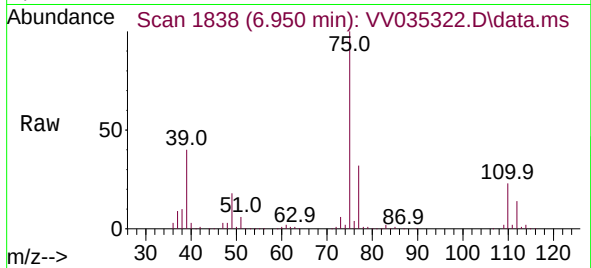
ClientSampleId :

Tgt Ion: 75 Resp: 295292

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 96.818 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

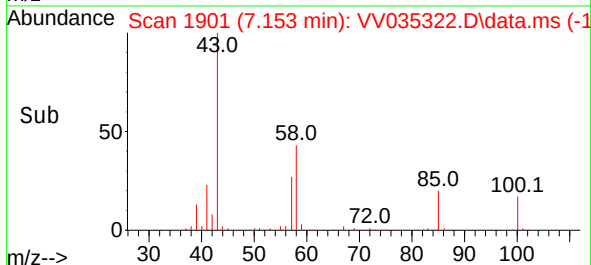
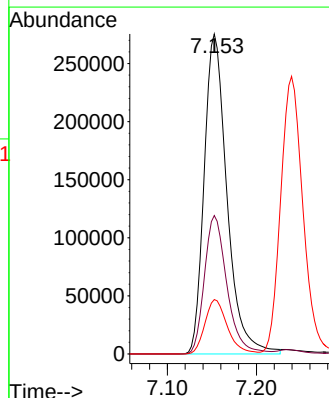
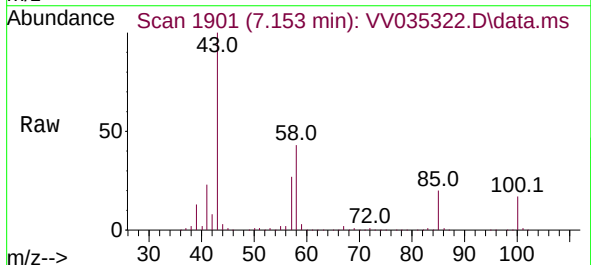
Tgt Ion: 43 Resp: 490537

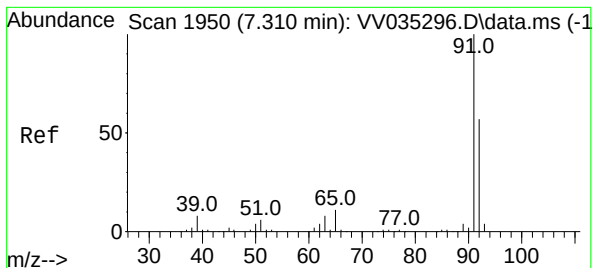
Ion Ratio Lower Upper

43 100

58 42.7 33.8 50.8

100 16.8 13.0 19.4





#42

Toluene

Concen: 50.147 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

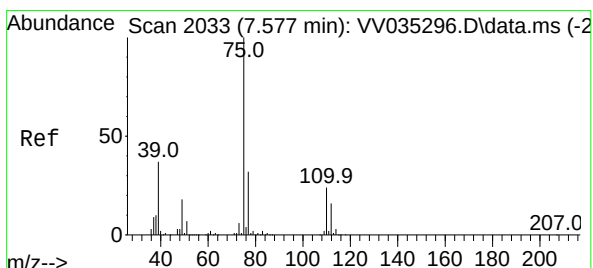
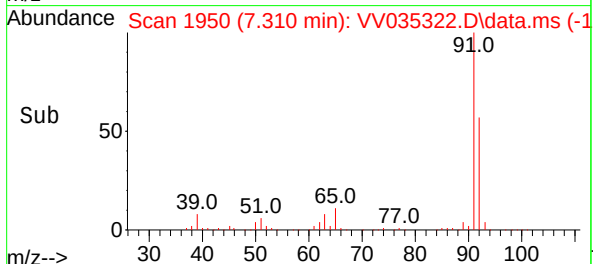
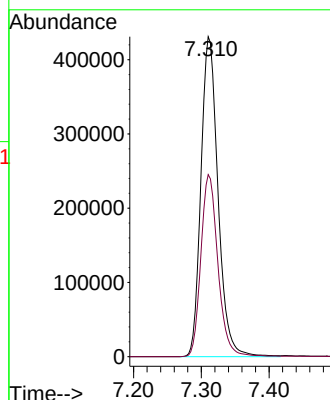
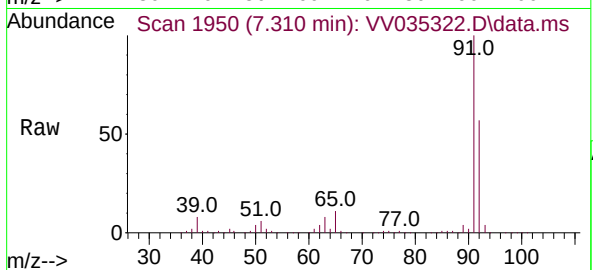
ClientSampleId :

Tgt Ion: 91 Resp: 753889

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.159 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035322.D

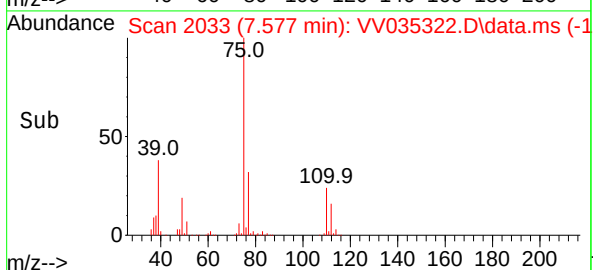
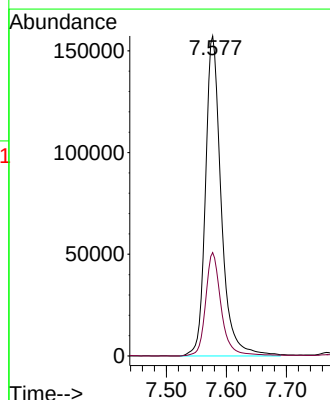
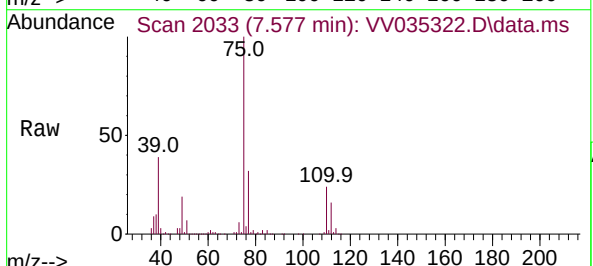
Acq: 22 Apr 2024 10:00

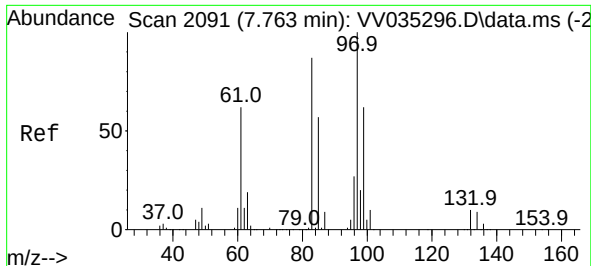
Tgt Ion: 75 Resp: 288076

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3



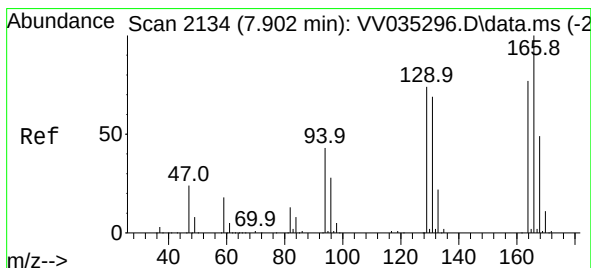
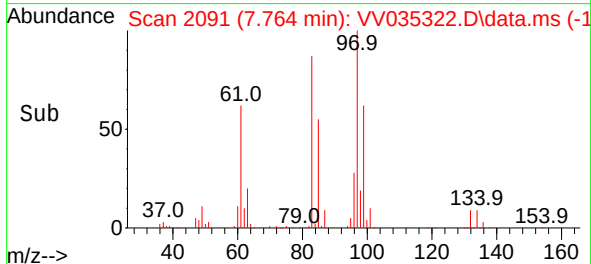
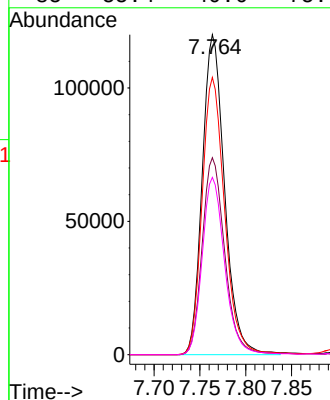
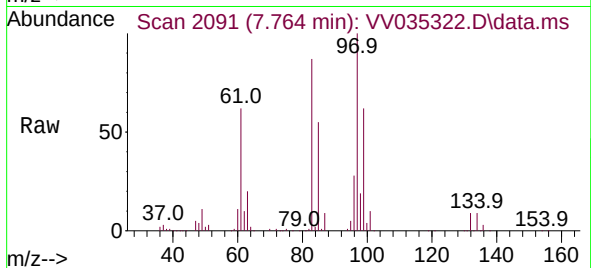


#45
1,1,2-Trichloroethane
Concen: 54.445 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 203639

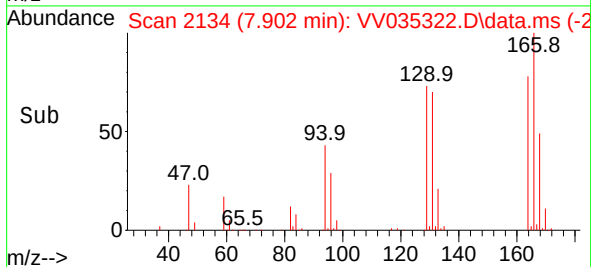
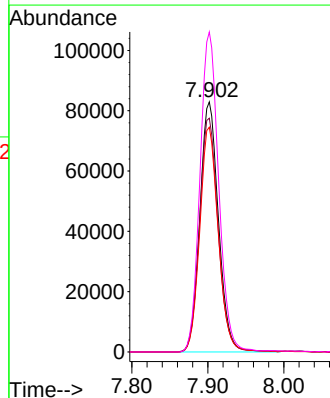
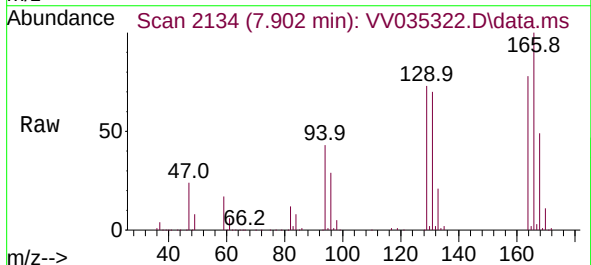
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.3
83	86.7	61.6	114.4
85	55.4	40.6	75.4

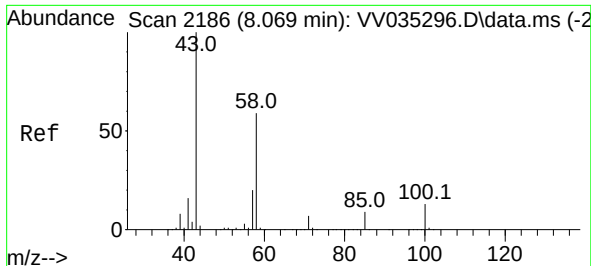


#46
Tetrachloroethene
Concen: 52.249 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 164 Resp: 141460

Ion	Ratio	Lower	Upper
164	100		
129	93.4	68.6	127.4
131	89.9	65.7	122.1
166	127.9	89.0	165.2

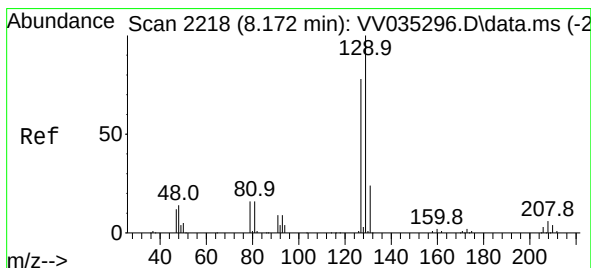
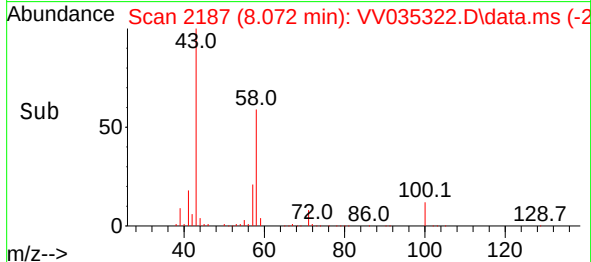
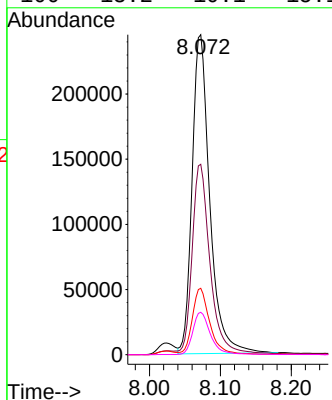
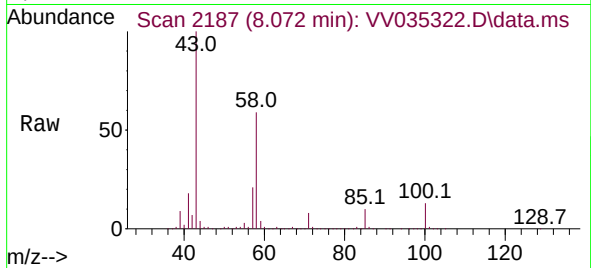




#48
2-Hexanone
Concen: 98.448 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

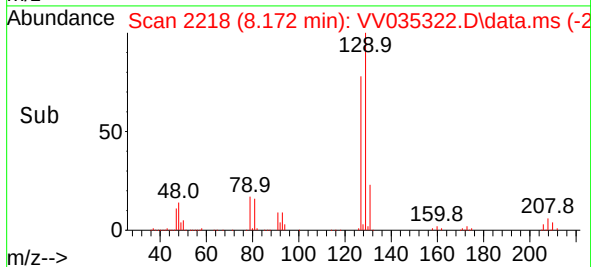
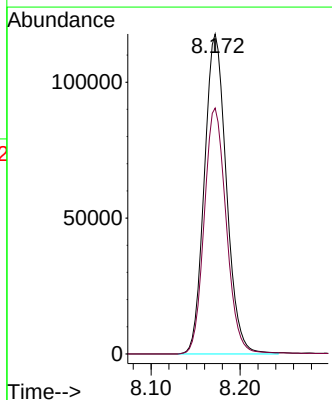
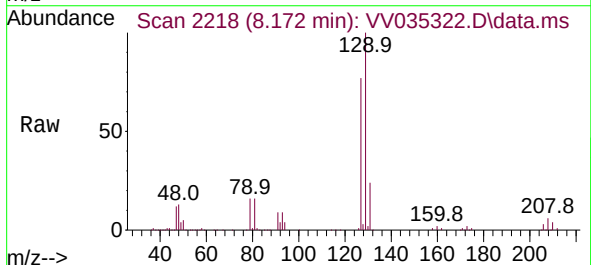
Instrument :
MSVOA_V
ClientSampleId :

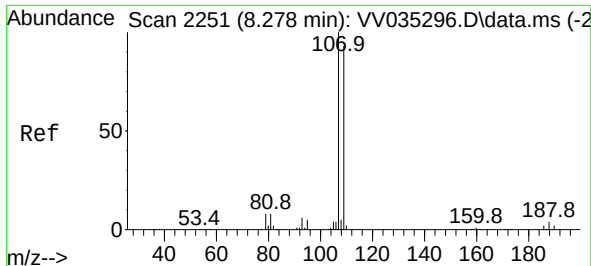
Tgt Ion: 43 Resp: 424233
Ion Ratio Lower Upper
43 100
58 59.9 45.4 68.2
57 20.5 16.2 24.4
100 13.2 10.1 15.1



#49
Dibromochloromethane
Concen: 54.503 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

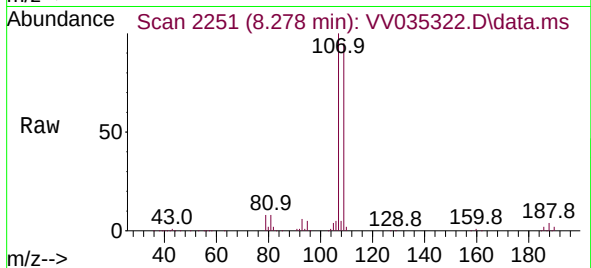
Tgt Ion:129 Resp: 201907
Ion Ratio Lower Upper
129 100
127 76.8 54.1 100.5



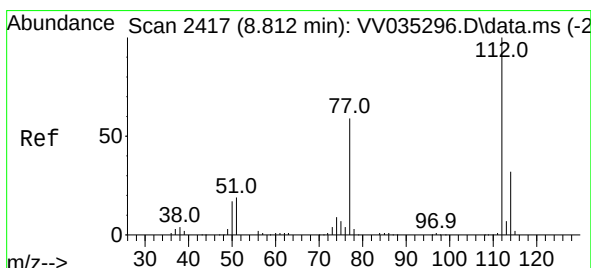
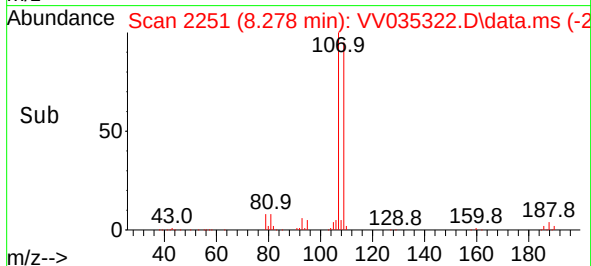
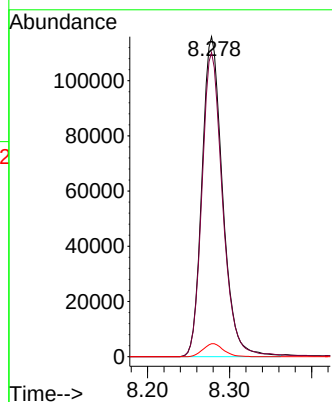


#50
1,2-Dibromoethane
Concen: 50.357 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Instrument :
MSVOA_V
ClientSampleId :

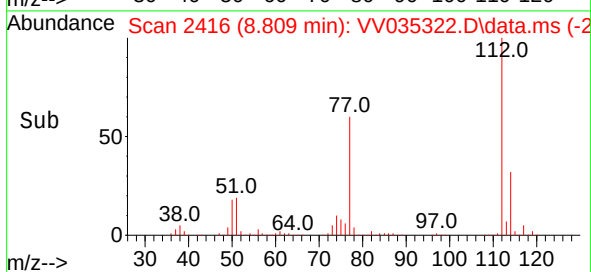
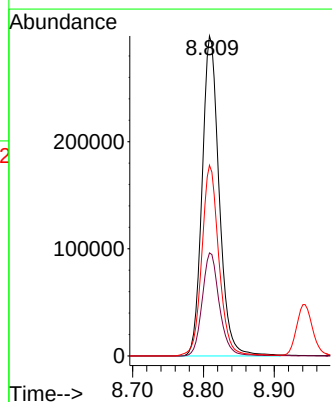
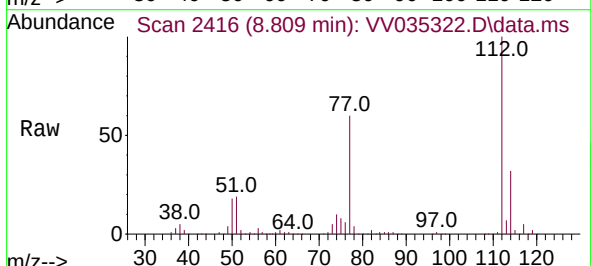


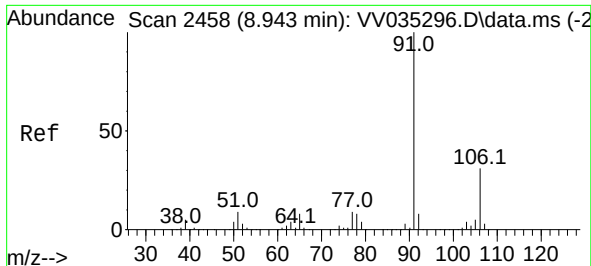
Tgt Ion:107 Resp: 202780
Ion Ratio Lower Upper
107 100
109 95.1 64.5 119.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 51.262 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion:112 Resp: 499476
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 59.6 47.4 71.2





#52

Ethylbenzene

Concen: 50.026 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

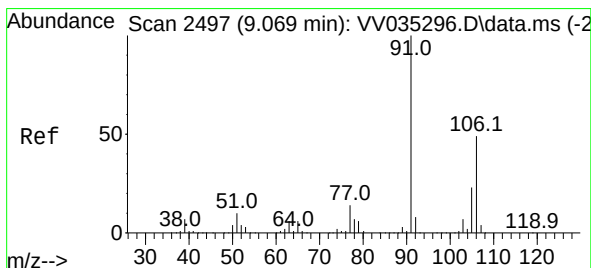
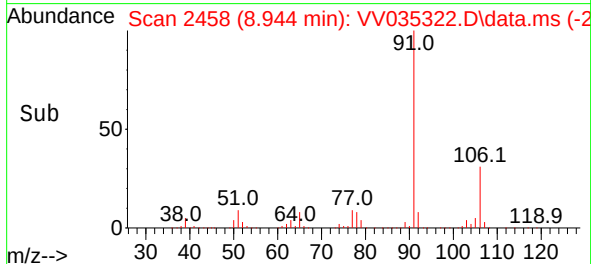
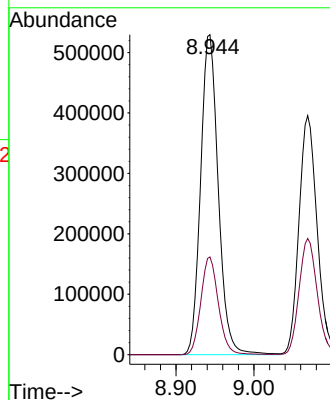
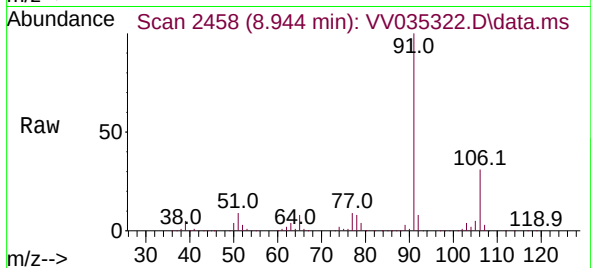
ClientSampleId :

Tgt Ion: 91 Resp: 833512

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-Xylene

Concen: 50.575 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035322.D

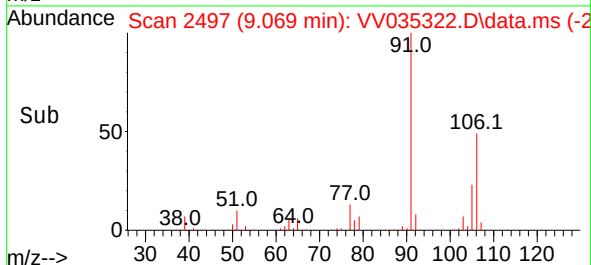
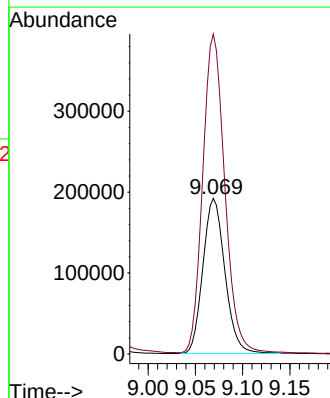
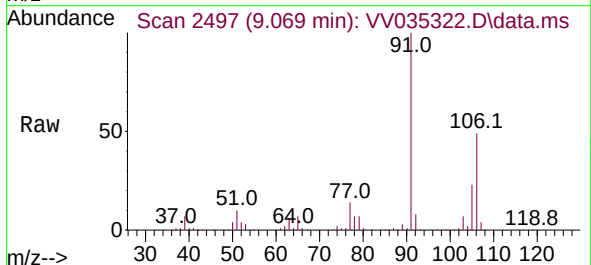
Acq: 22 Apr 2024 10:00

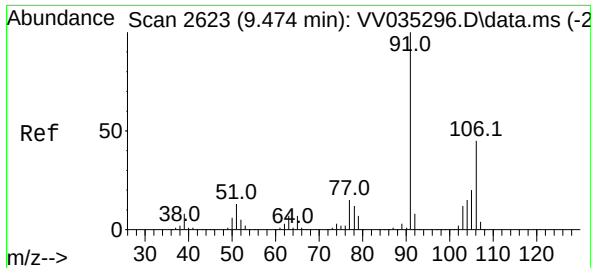
Tgt Ion: 106 Resp: 310317

Ion Ratio Lower Upper

106 100

91 205.8 144.8 269.0

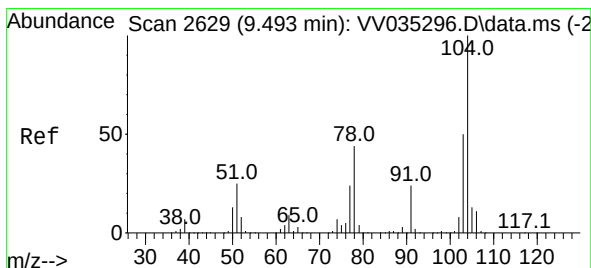
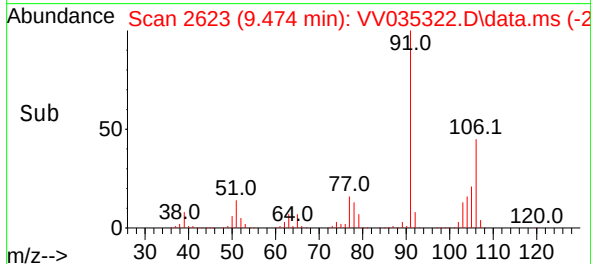
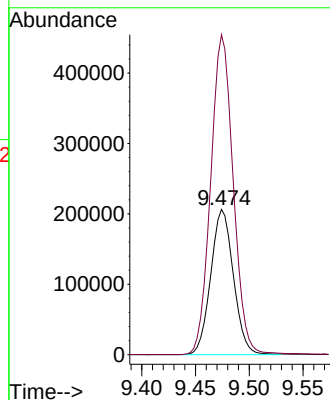
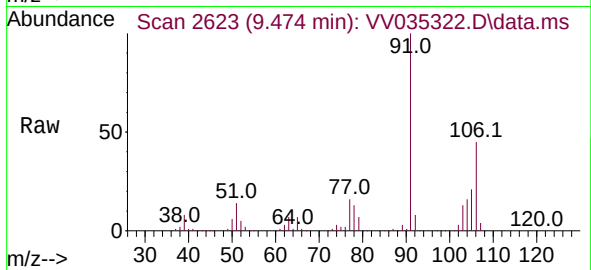




#54
o-Xylene
Concen: 49.913 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

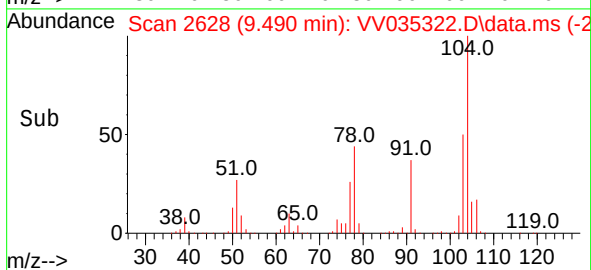
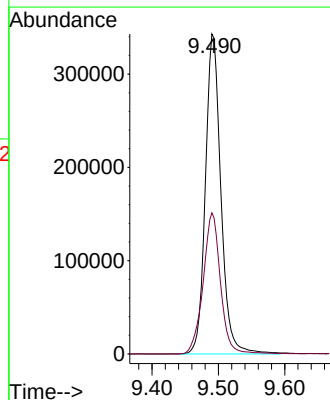
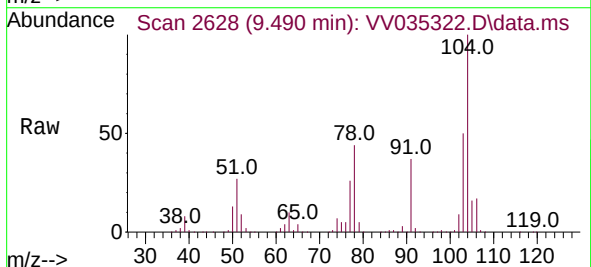
Instrument :
MSVOA_V
ClientSampleId :

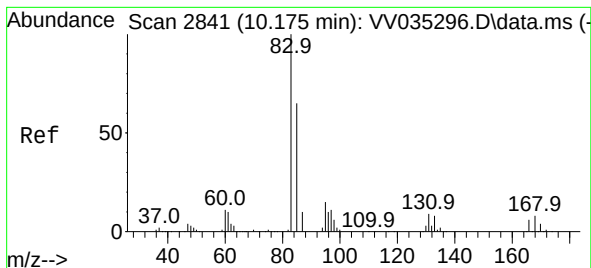
Tgt Ion:106 Resp: 303026
Ion Ratio Lower Upper
106 100
91 220.3 151.3 280.9



#55
Styrene
Concen: 54.572 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion:104 Resp: 559875
Ion Ratio Lower Upper
104 100
78 44.1 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.198 ug/L

RT: 10.172 min Scan# 2841

Delta R.T. -0.003 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :

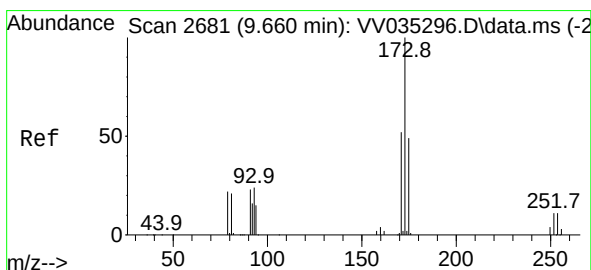
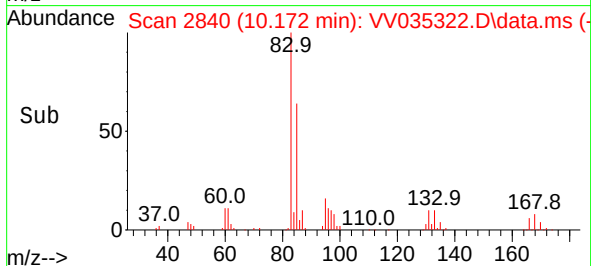
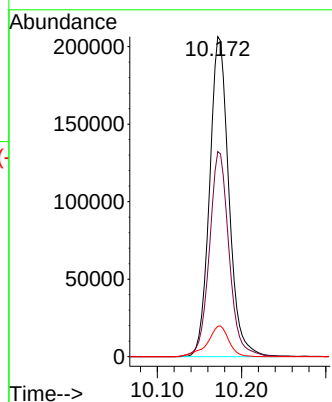
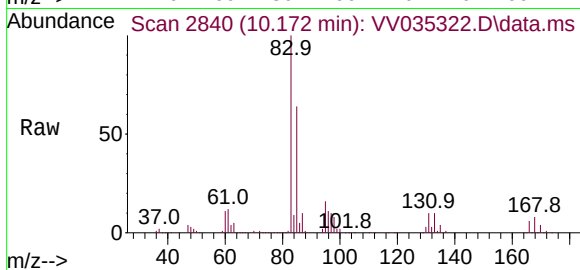
Tgt Ion: 83 Resp: 328449

Ion Ratio Lower Upper

83 100

85 64.1 44.5 82.7

131 9.5 6.9 10.3



#59

Bromoform

Concen: 52.647 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

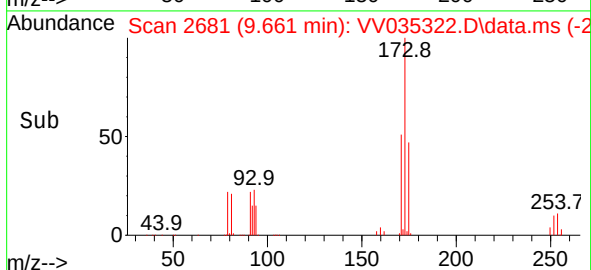
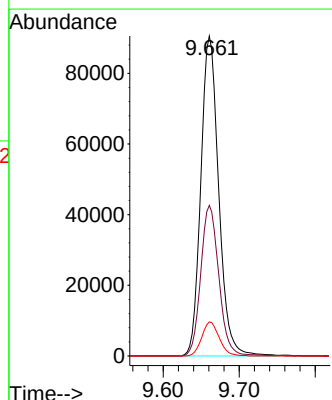
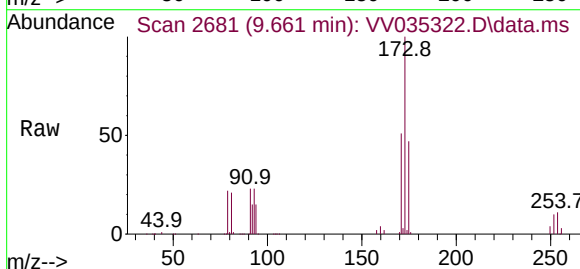
Tgt Ion:173 Resp: 148193

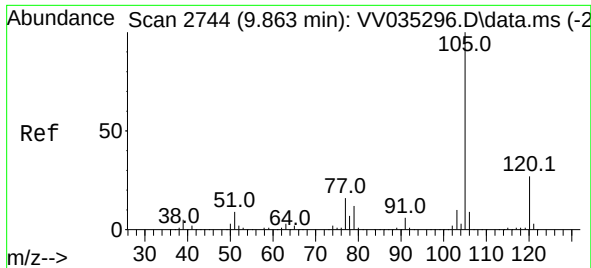
Ion Ratio Lower Upper

173 100

175 47.5 39.3 58.9

254 10.4 7.5 11.3

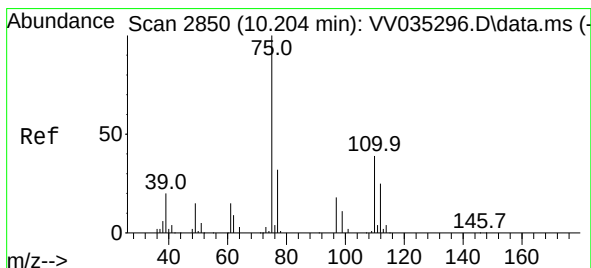
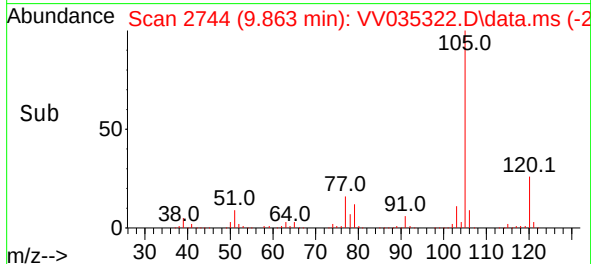
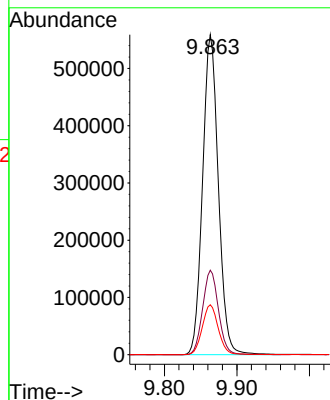
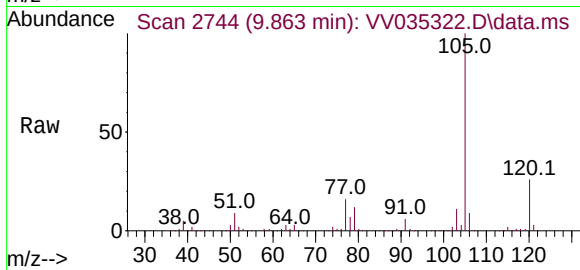




#60
Isopropylbenzene
Concen: 47.691 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

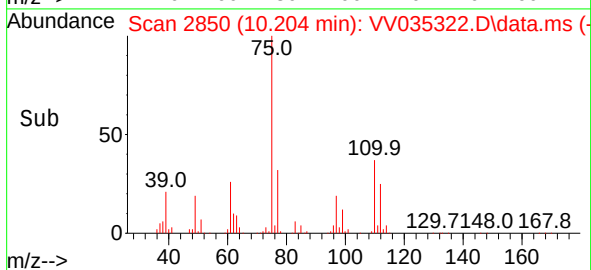
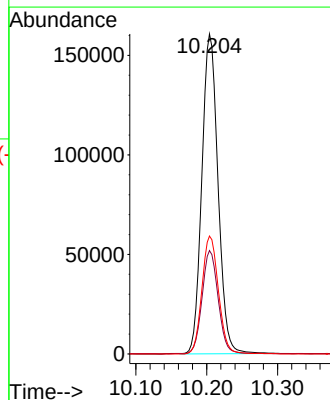
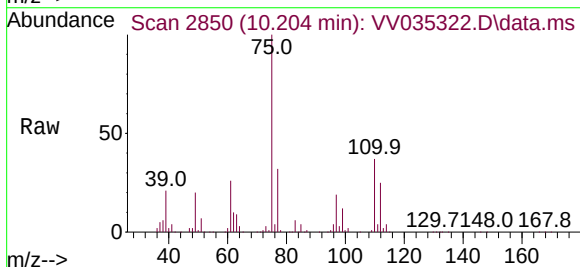
Instrument :
MSVOA_V
ClientSampleId :

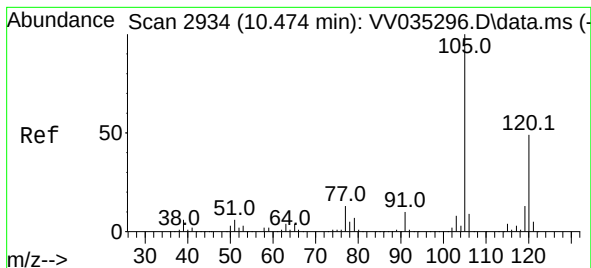
Tgt Ion:105 Resp: 844501
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 47.813 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035322.D
Acq: 22 Apr 2024 10:00

Tgt Ion: 75 Resp: 254492
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 37.4 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.399 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

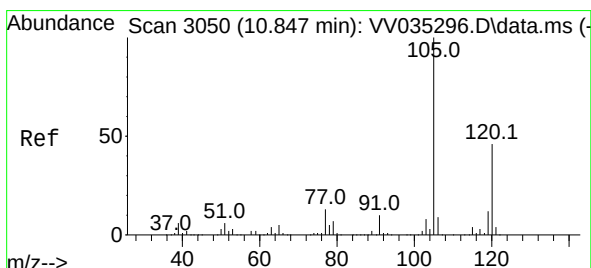
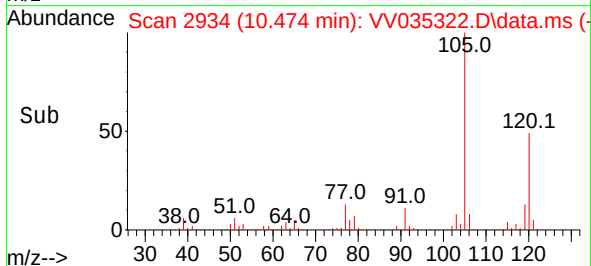
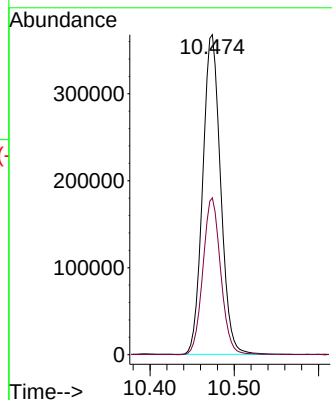
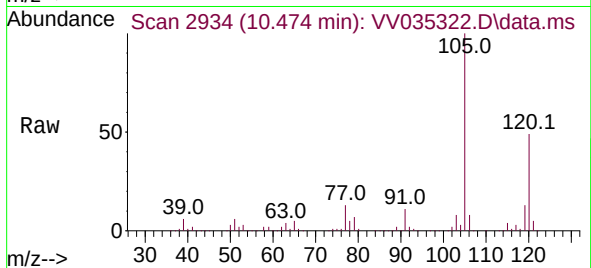
ClientSampleId :

Tgt Ion:105 Resp: 545105

Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.461 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035322.D

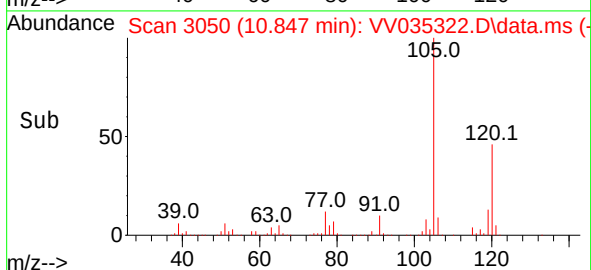
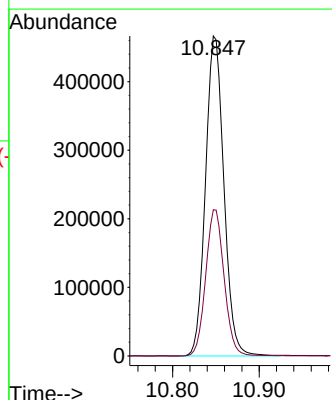
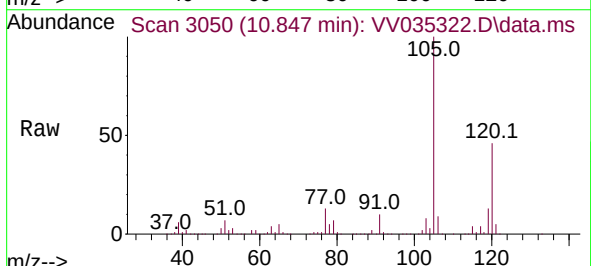
Acq: 22 Apr 2024 10:00

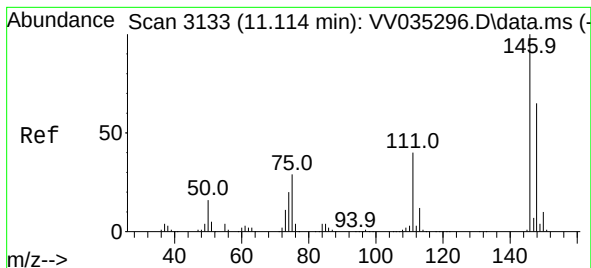
Tgt Ion:105 Resp: 689062

Ion Ratio Lower Upper

105 100

120 45.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 51.440 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :

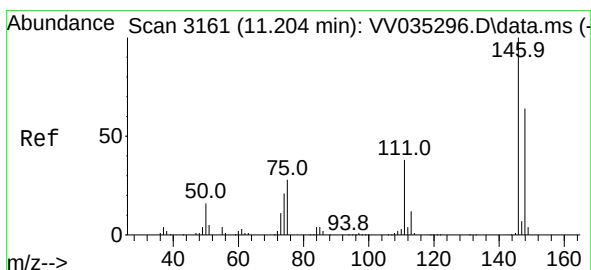
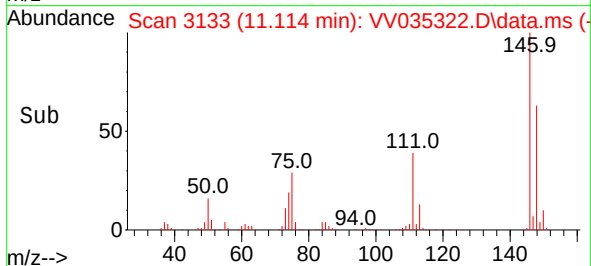
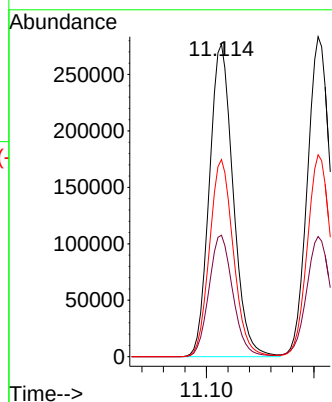
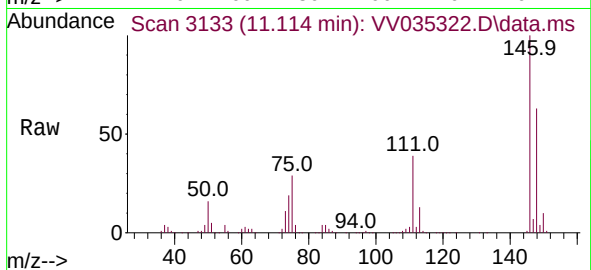
Tgt Ion:146 Resp: 425678

Ion Ratio Lower Upper

146 100

111 38.9 28.7 53.3

148 63.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 52.305 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

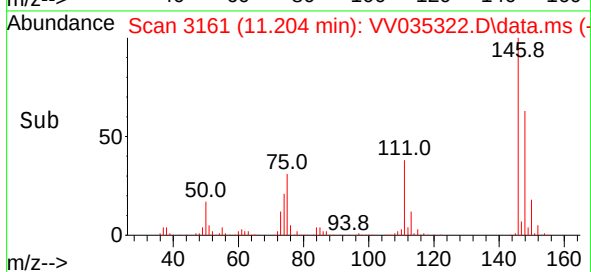
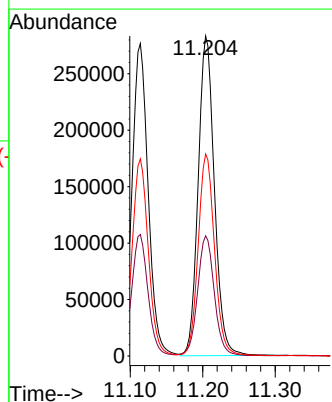
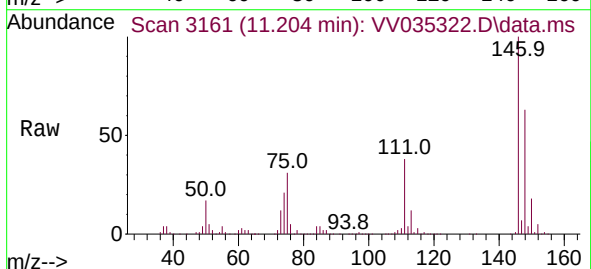
Tgt Ion:146 Resp: 440164

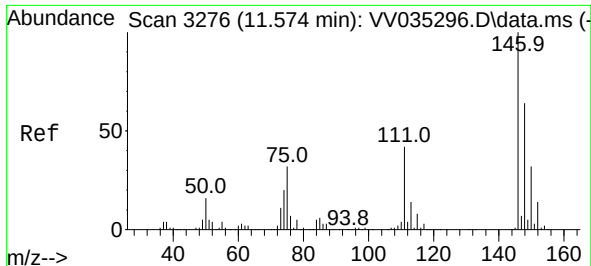
Ion Ratio Lower Upper

146 100

111 37.6 27.4 50.8

148 63.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 52.432 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :

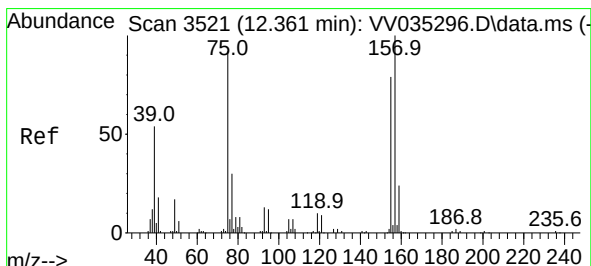
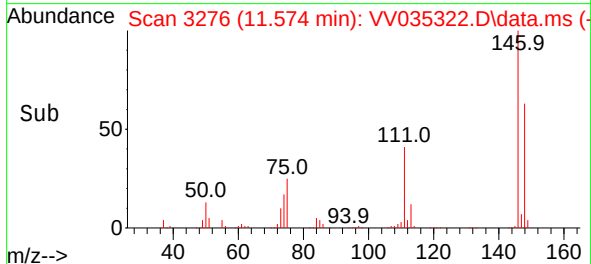
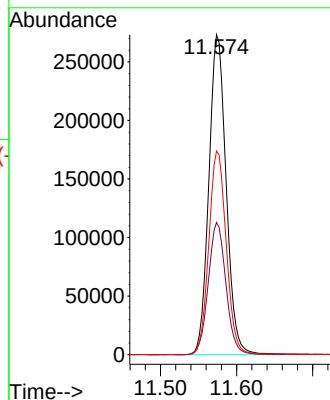
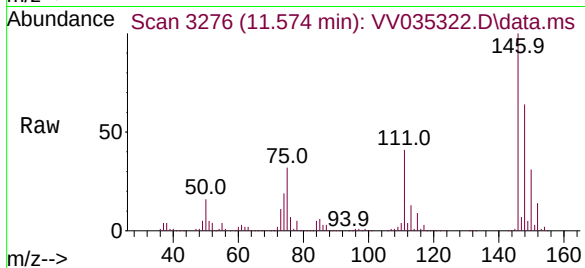
Tgt Ion:146 Resp: 432233

Ion Ratio Lower Upper

146 100

111 41.3 34.6 52.0

148 63.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 42.133 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

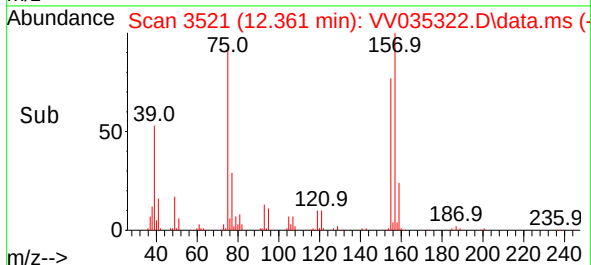
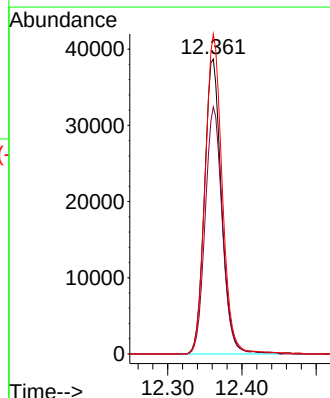
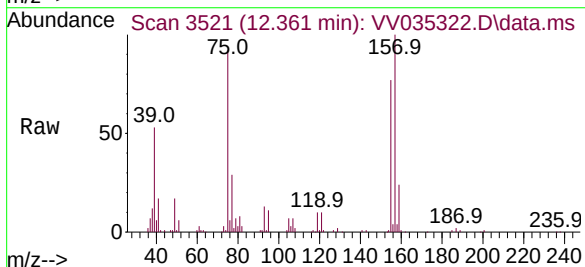
Tgt Ion: 75 Resp: 61783

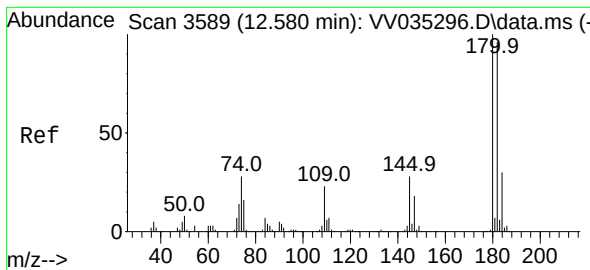
Ion Ratio Lower Upper

75 100

155 83.8 63.0 94.6

157 108.5 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.869 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

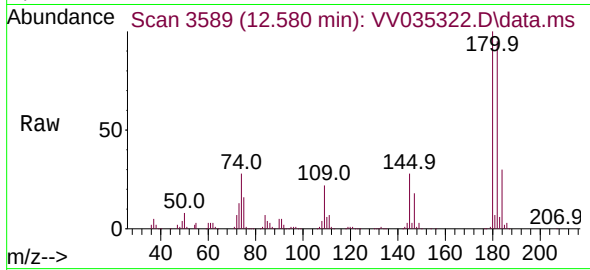
Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 315313

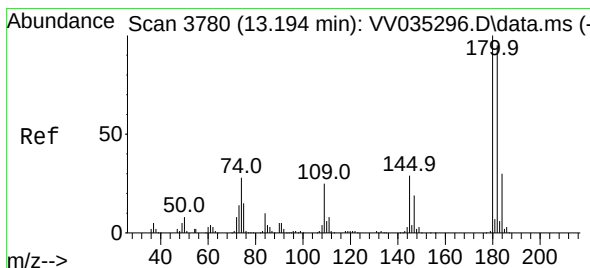
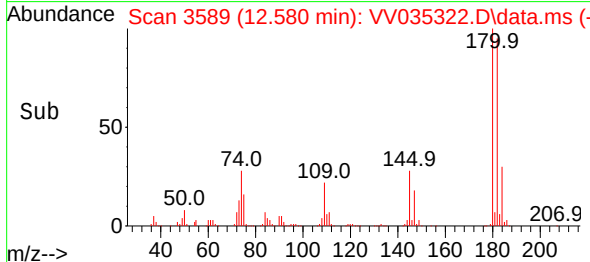
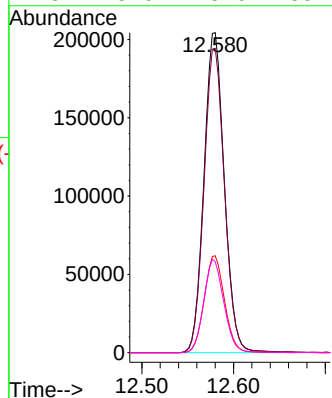
Ion Ratio Lower Upper

180 100

182 95.8 74.7 112.1

184 30.2 24.0 36.0

145 28.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.551 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

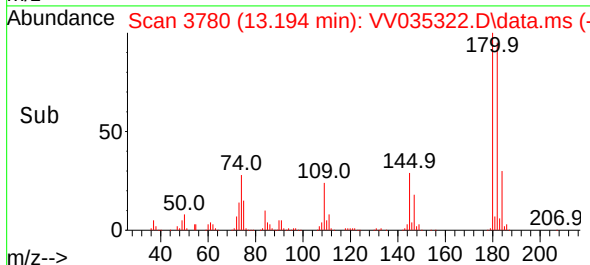
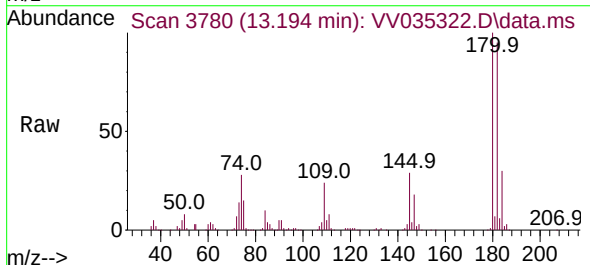
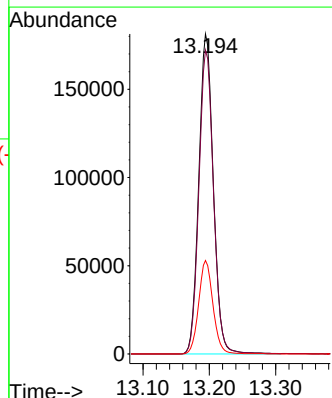
Tgt Ion:180 Resp: 276936

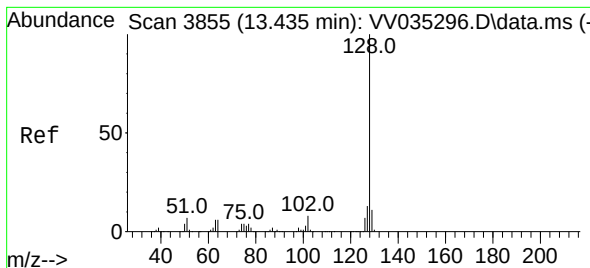
Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

145 28.7 24.1 36.1





#71

Naphthalene

Concen: 34.736 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Instrument :

MSVOA_V

ClientSampleId :

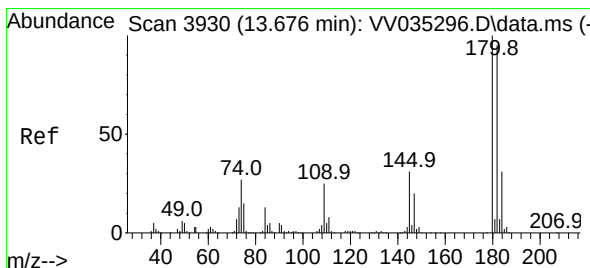
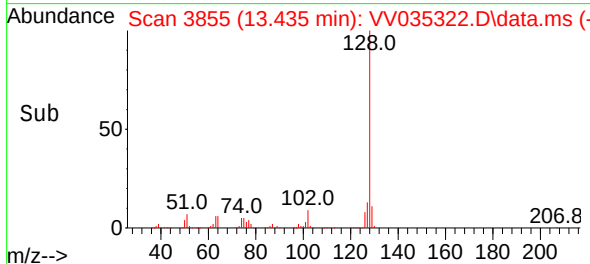
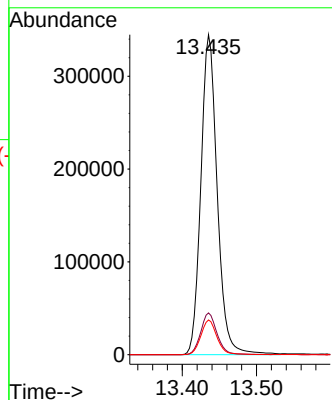
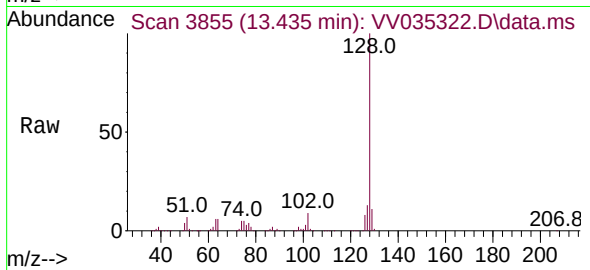
Tgt Ion:128 Resp: 527958

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.143 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035322.D

Acq: 22 Apr 2024 10:00

Tgt Ion:180 Resp: 270777

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

145 31.0 25.8 38.6

