

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036296.D
 Acq On : 27 Jun 2024 08:05
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 00:02:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:02:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	395025	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	396014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	188667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	18011	2.685	ug/L	0.00
7) Chloroethane-d5	1.526	69	15414	2.877	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	8496	2.694	ug/L	0.00
21) 2-Butanone-d5	3.889	46	655	0.436	ug/L	0.05
24) Chloroform-d	4.246	84	32757	2.809	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	16463	2.648	ug/L	0.00
32) Benzene-d6	4.957	84	60521	2.707	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	18127	2.431	ug/L	0.00
41) Toluene-d8	7.246	98	49904	2.476	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	7050	2.348	ug/L	0.01
47) 2-Hexanone-d5	8.059	63	2283	2.119	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15176	2.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	19577	2.847	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	19693	2.624	ug/L	96
3) Chloromethane	1.211	50	18008	2.651	ug/L	98
5) Vinyl chloride	1.275	62	20569	2.622	ug/L	100
6) Bromomethane	1.481	94	14208	2.693	ug/L	99
8) Chloroethane	1.542	64	12798	2.647	ug/L	97
9) Trichlorofluoromethane	1.706	101	30288	2.703	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	18453	2.626	ug/L	100
12) 1,1-Dichloroethene	2.060	96	15941	2.562	ug/L	94
13) Acetone	2.156	43	4972	2.557	ug/L #	77
14) Carbon disulfide	2.230	76	51752	2.636	ug/L	99
15) Methyl Acetate	2.391	43	5224	1.867	ug/L #	88
16) Methylene chloride	2.439	84	26380	3.392	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	16058	2.599	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	33110	2.302	ug/L	98
19) 1,1-Dichloroethane	3.105	63	28439	2.589	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	15017	2.417	ug/L	94
22) 2-Butanone	3.969	43	786	0.505	ug/L	90
23) Bromochloromethane	4.150	128	8479	2.617	ug/L	94
25) Chloroform	4.272	83	30457	2.600	ug/L	95
27) 1,2-Dichloroethane	5.050	62	18444	2.431	ug/L	96
29) Cyclohexane	4.574	56	19039	2.257	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	25984	2.646	ug/L	99
31) Carbon tetrachloride	4.728	117	23302	2.663	ug/L	99
33) Benzene	5.008	78	58477	2.493	ug/L	100
34) Trichloroethene	5.834	95	18929	2.557	ug/L	99
35) Methylcyclohexane	6.047	83	22664	2.197	ug/L	94
37) 1,2-Dichloropropane	6.095	63	14202	2.371	ug/L #	94
38) Bromodichloromethane	6.432	83	20354	2.484	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	20466	2.222	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	12047	3.576	ug/L #	91
42) Toluene	7.317	91	54959	2.241	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	17878	2.158	ug/L	99

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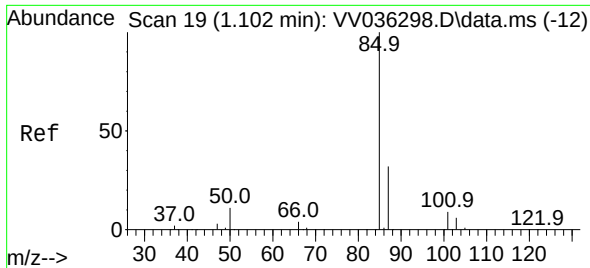
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 00:02:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
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 Response via : Initial Calibration

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

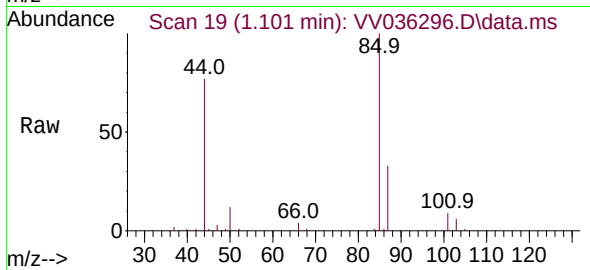
45) 1,1,2-Trichloroethane	7.773	97	12802	2.418	ug/L	96
46) Tetrachloroethene	7.905	164	13622	2.532	ug/L	97
48) 2-Hexanone	8.059	43	71	0.027	ug/L #	1
49) Dibromochloromethane	8.178	129	14099	2.389	ug/L	98
50) 1,2-Dibromoethane	8.288	107	12237	2.346	ug/L	97
51) Chlorobenzene	8.812	112	41914	2.500	ug/L	97
52) Ethylbenzene	8.947	91	58382	2.206	ug/L	97
53) m,p-Xylene	9.075	106	19129	1.939	ug/L	98
54) o-Xylene	9.477	106	18339	1.977	ug/L	97
55) Styrene	9.500	104	29956	1.843	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	11752	2.480	ug/L	96
59) Bromoform	9.667	173	8930	2.500	ug/L	98
60) Isopropylbenzene	9.866	105	51561	2.261	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	11230	2.638	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	34427	2.109	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	36059	2.033	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	28942	2.435	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	34015	2.670	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	27661	2.438	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2321	2.430	ug/L	83
69) 1,3,5-Trichlorobenzene	12.583	180	20717	2.315	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	14927	2.092	ug/L	99
71) Naphthalene	13.442	128	25677	2.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14443	2.152	ug/L	97

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

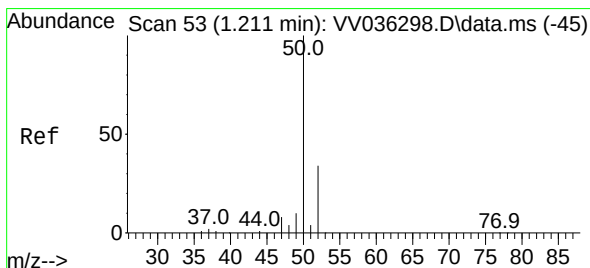
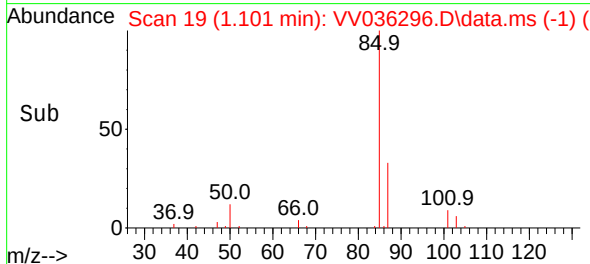
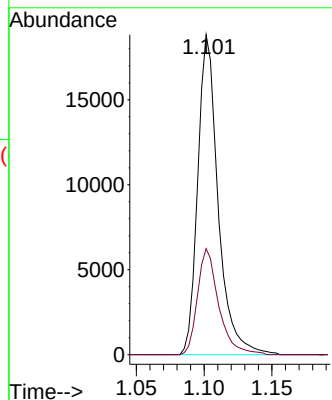


#2
 Dichlorodifluoromethane
 Concen: 2.624 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036296.D
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 MSVOA_V
 ClientSampleId :

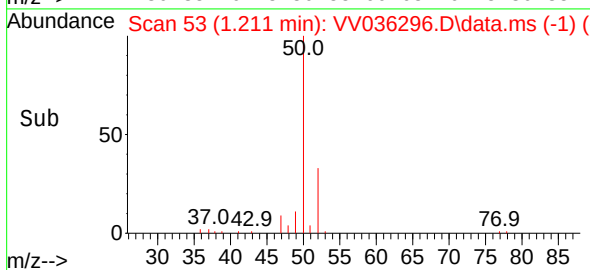
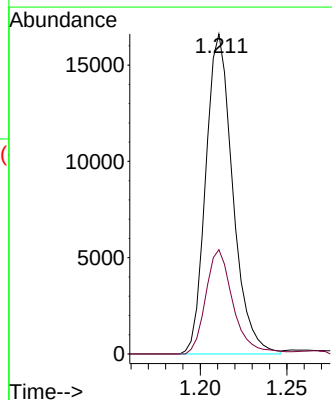
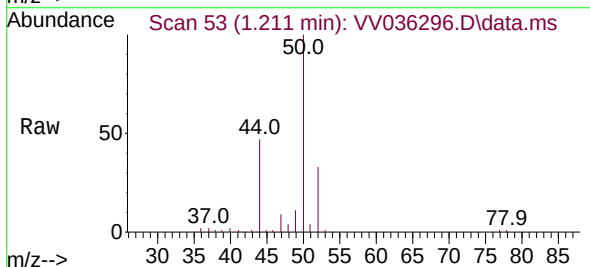


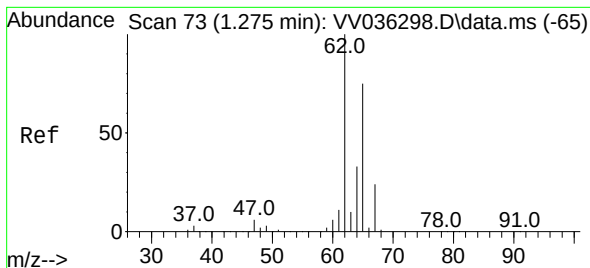
Tgt Ion: 85 Resp: 19693
 Ion Ratio Lower Upper
 85 100
 87 34.5 25.9 38.9



#3
 Chloromethane
 Concen: 2.651 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036296.D
 Acq: 27 Jun 2024 08:05

Tgt Ion: 50 Resp: 18008
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.5 43.7





#5

Vinyl chloride

Concen: 2.622 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

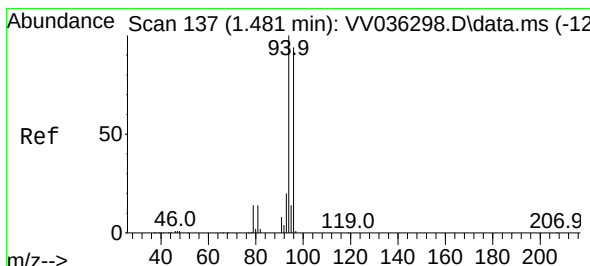
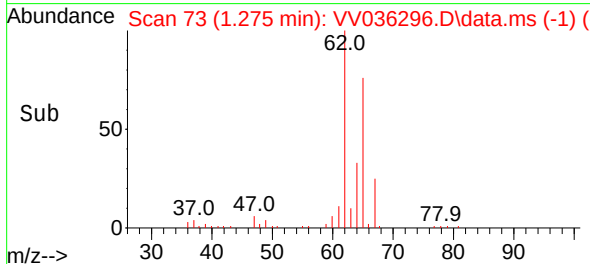
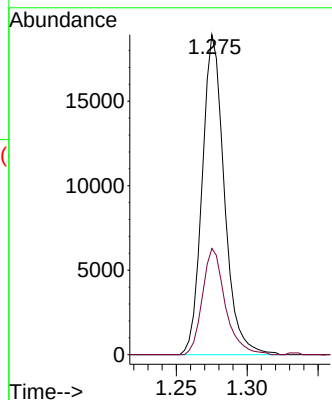
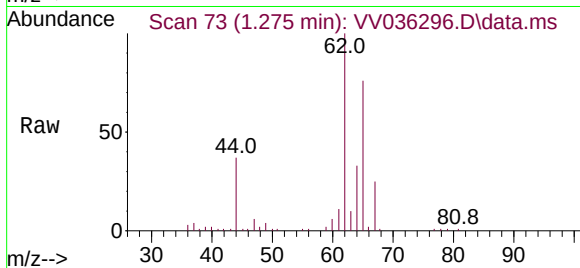
ClientSampleId :

Tgt Ion: 62 Resp: 20569

Ion Ratio Lower Upper

62 100

64 33.2 23.4 43.4



#6

Bromomethane

Concen: 2.693 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.000 min

Lab File: VV036296.D

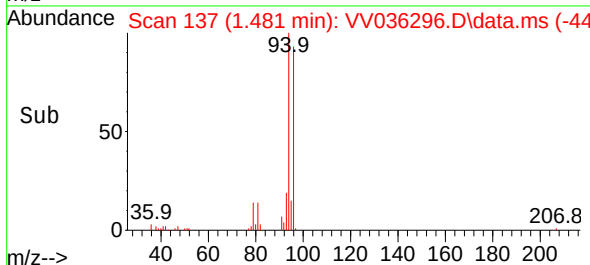
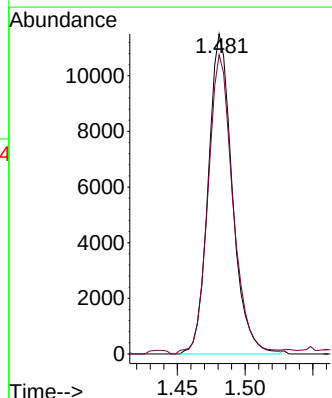
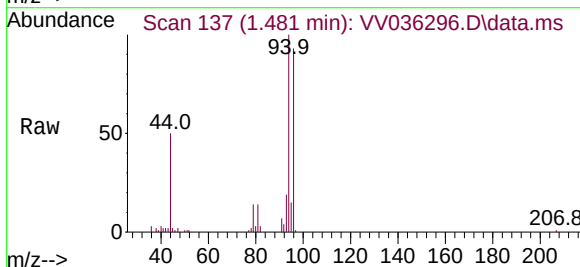
Acq: 27 Jun 2024 08:05

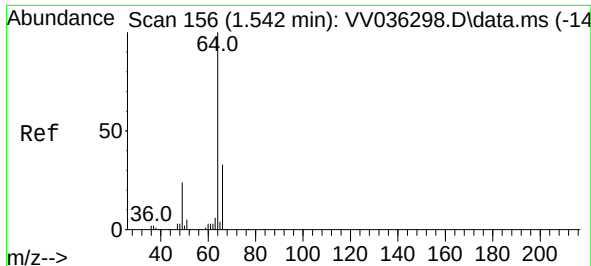
Tgt Ion: 94 Resp: 14208

Ion Ratio Lower Upper

94 100

96 93.5 66.1 122.7

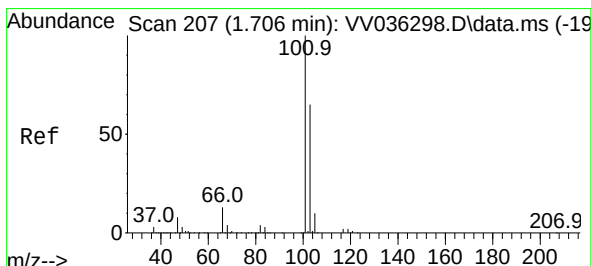
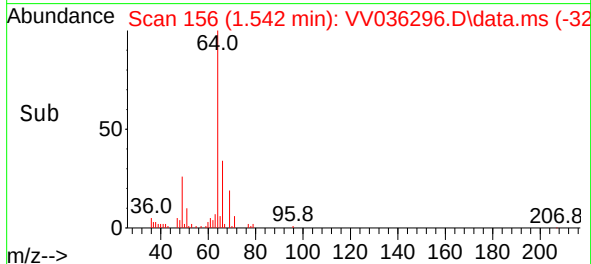
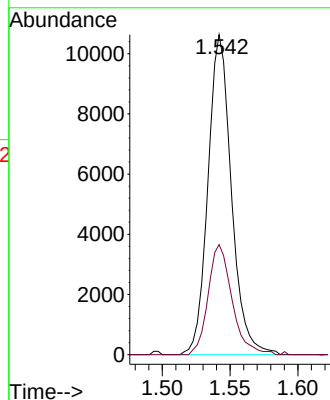
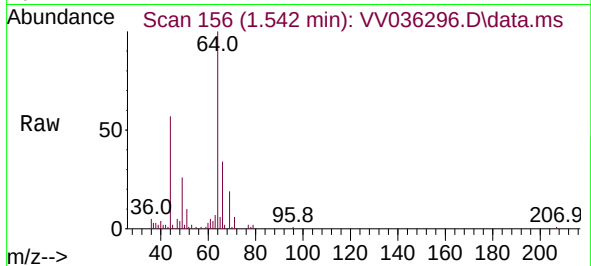




#8
Chloroethane
Concen: 2.647 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

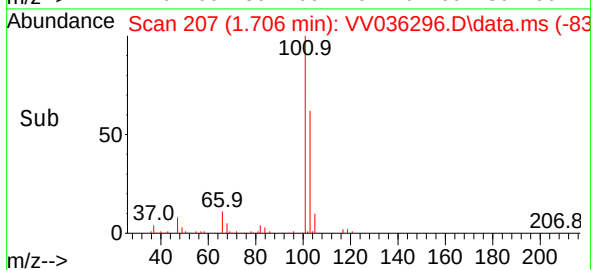
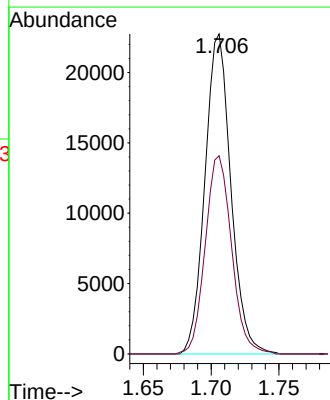
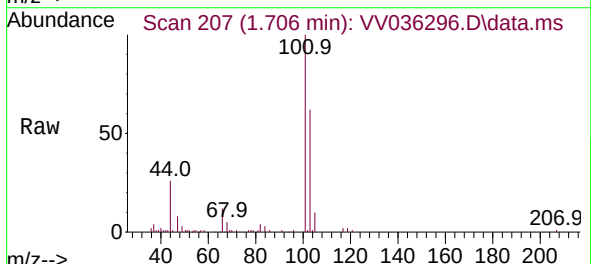
Instrument :
MSVOA_V
ClientSampleId :

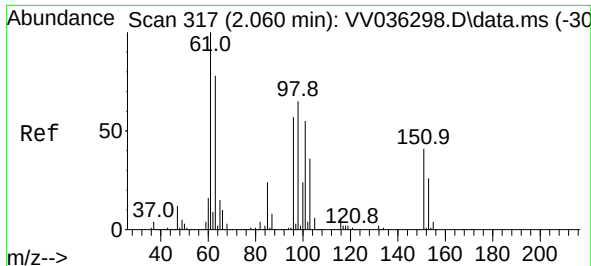
Tgt Ion: 64 Resp: 12798
Ion Ratio Lower Upper
64 100
66 34.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 2.703 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion:101 Resp: 30288
Ion Ratio Lower Upper
101 100
103 62.8 51.7 77.5

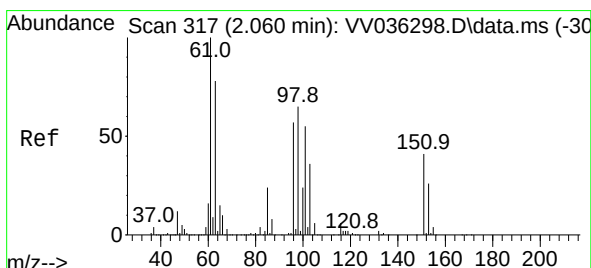
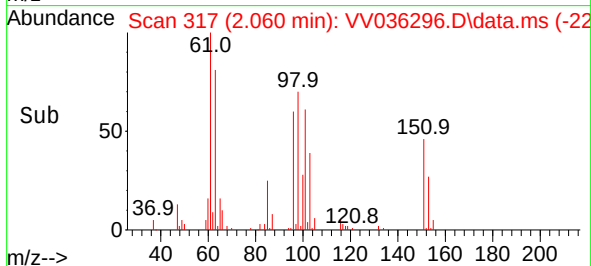
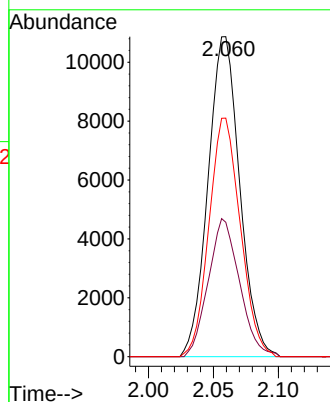
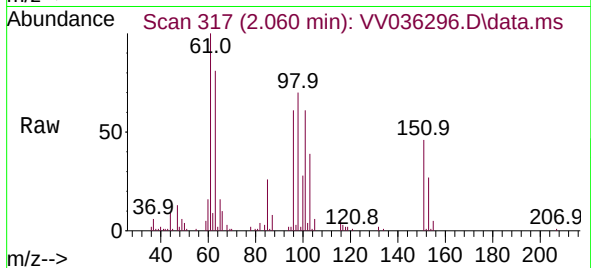




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.626 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036296.D
 Acq: 27 Jun 2024 08:05

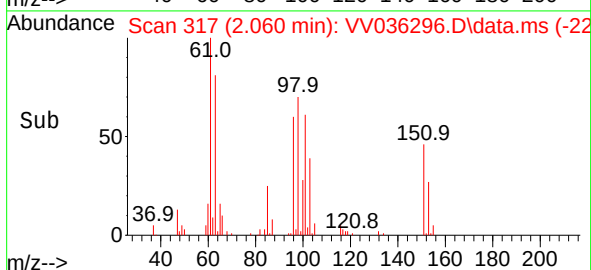
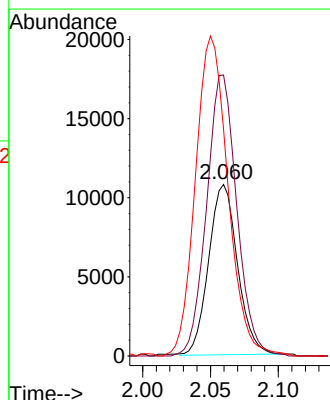
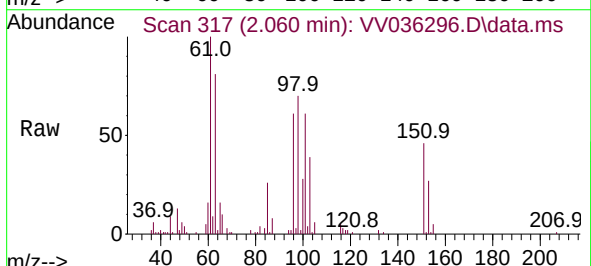
Instrument :
 MSVOA_V
 ClientSampleId :

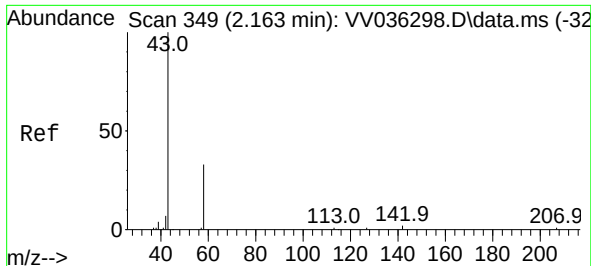
Tgt Ion:101 Resp: 18453
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.6 51.8
 151 73.6 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 2.562 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036296.D
 Acq: 27 Jun 2024 08:05

Tgt Ion: 96 Resp: 15941
 Ion Ratio Lower Upper
 96 100
 61 163.8 122.6 227.8
 63 132.3 96.1 178.5





#13

Acetone

Concen: 2.557 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.007 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

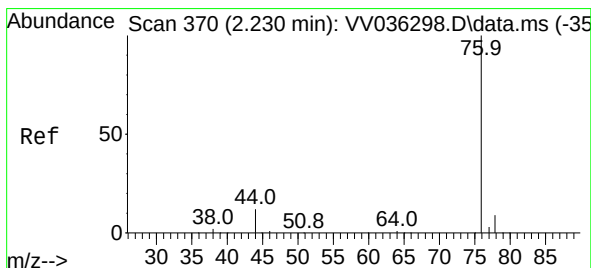
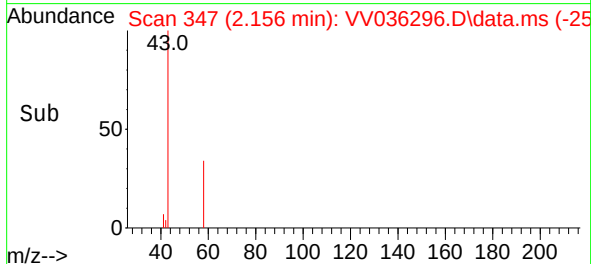
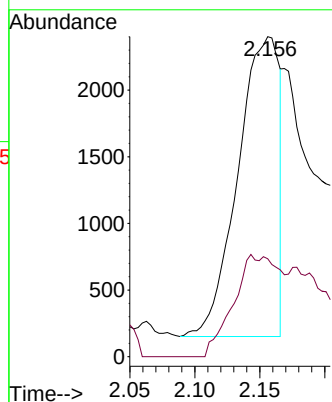
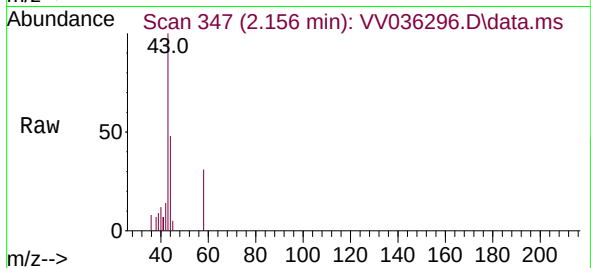
ClientSampleId :

Tgt Ion: 43 Resp: 4972

Ion Ratio Lower Upper

43 100

58 22.0 0.0 0.6#



#14

Carbon disulfide

Concen: 2.636 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036296.D

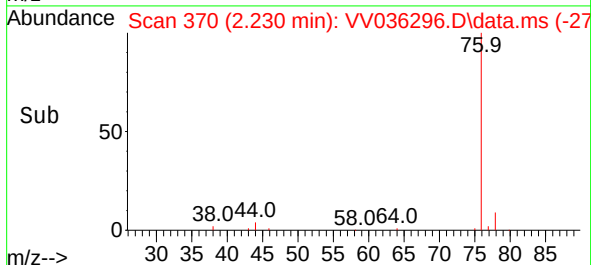
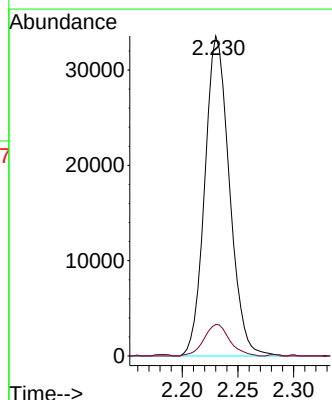
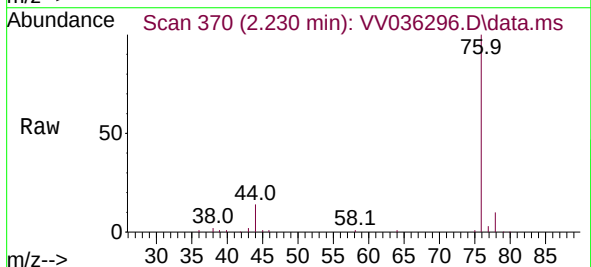
Acq: 27 Jun 2024 08:05

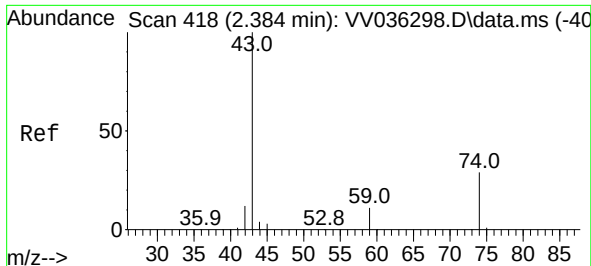
Tgt Ion: 76 Resp: 51752

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2





#15

Methyl Acetate

Concen: 1.867 ug/L

RT: 2.391 min Scan# 418

Delta R.T. 0.006 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

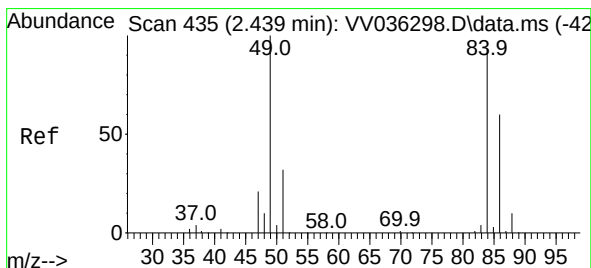
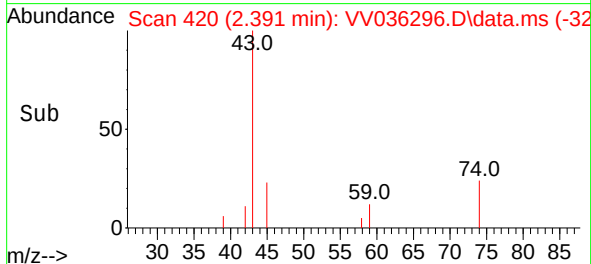
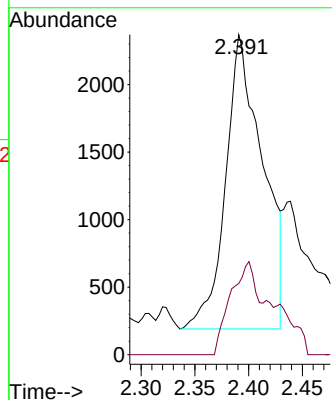
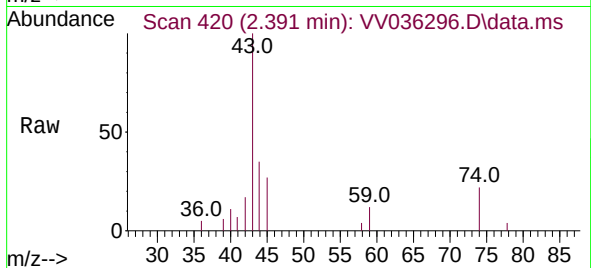
ClientSampleId :

Tgt Ion: 43 Resp: 5224

Ion Ratio Lower Upper

43 100

74 23.4 23.8 35.6#



#16

Methylene chloride

Concen: 3.392 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

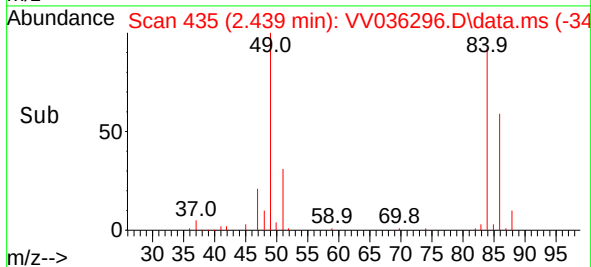
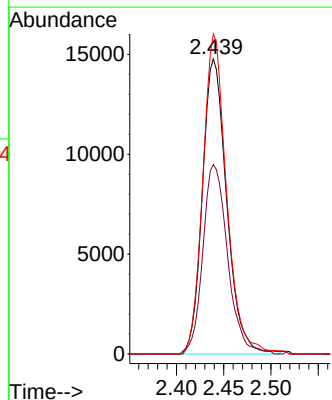
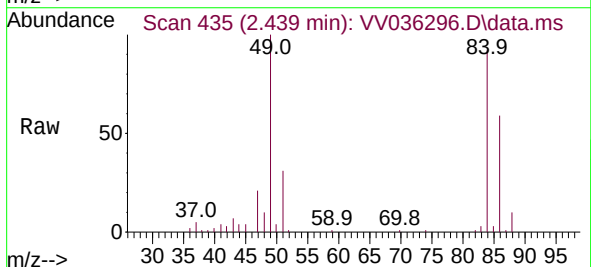
Tgt Ion: 84 Resp: 26380

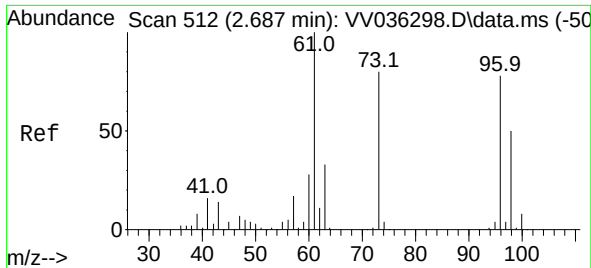
Ion Ratio Lower Upper

84 100

86 64.2 45.6 84.8

49 108.5 75.7 140.5

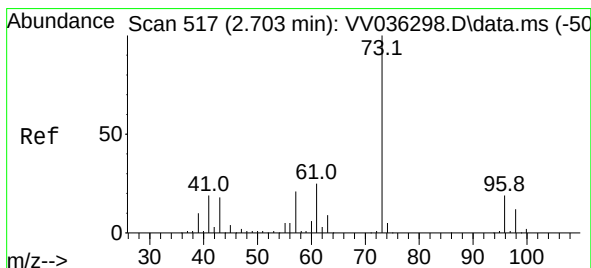
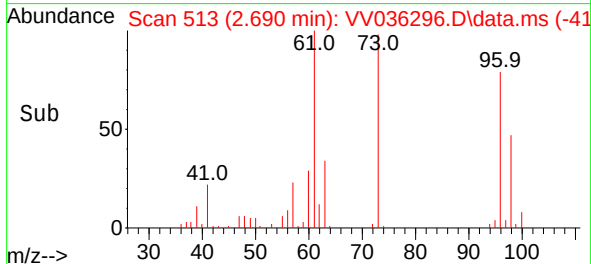
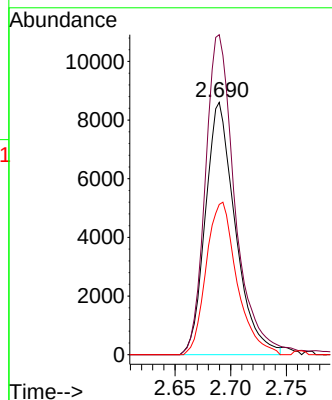
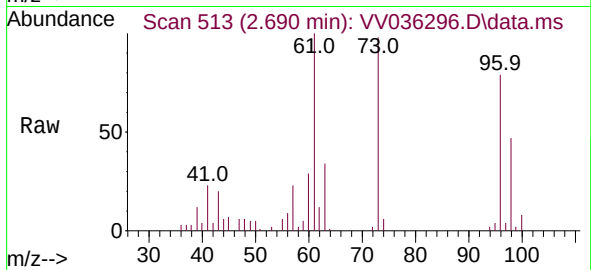




#17
trans-1,2-Dichloroethene
Concen: 2.599 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

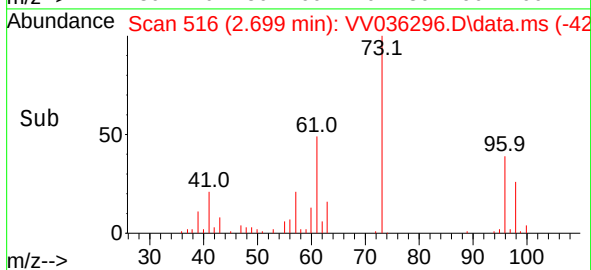
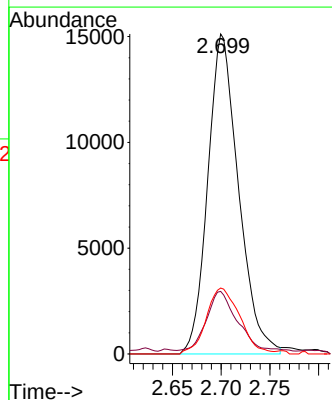
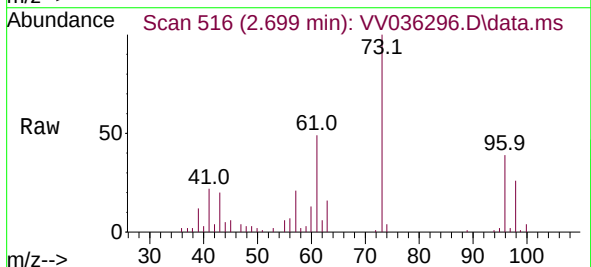
Instrument :
MSVOA_V
ClientSampleId :

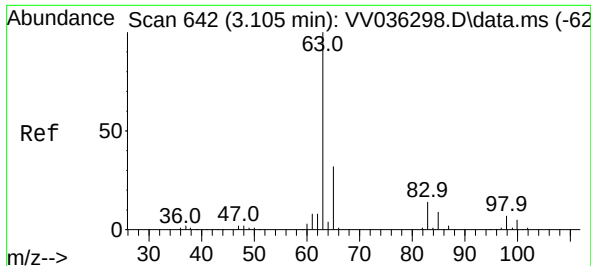
Tgt Ion: 96 Resp: 16058
Ion Ratio Lower Upper
96 100
61 126.8 89.8 166.8
98 59.5 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 2.302 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion: 73 Resp: 33110
Ion Ratio Lower Upper
73 100
43 17.9 14.7 22.1
57 22.5 17.0 25.6

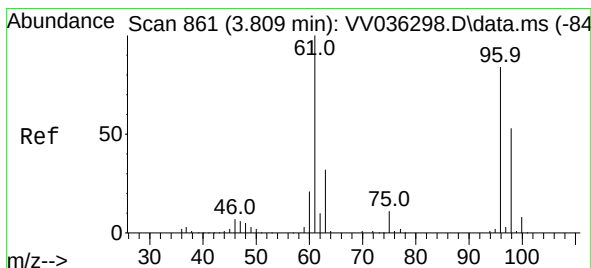
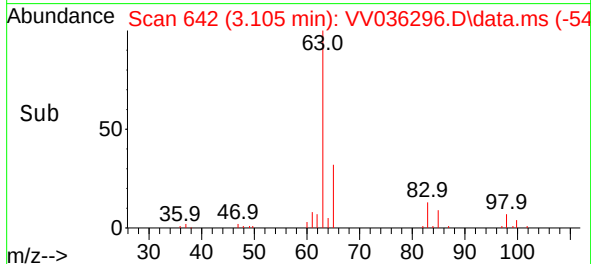
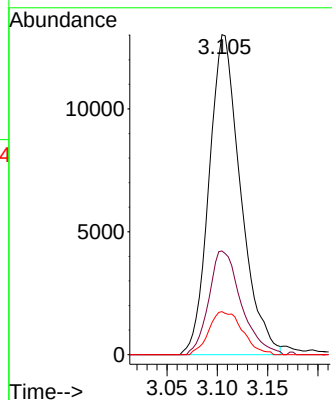
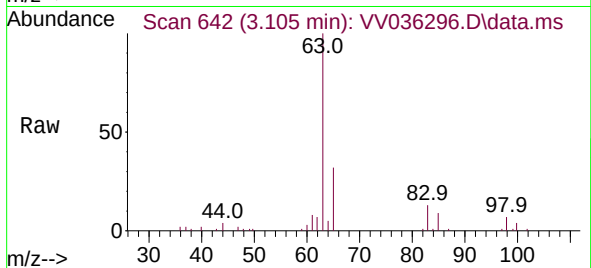




#19
1,1-Dichloroethane
Concen: 2.589 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

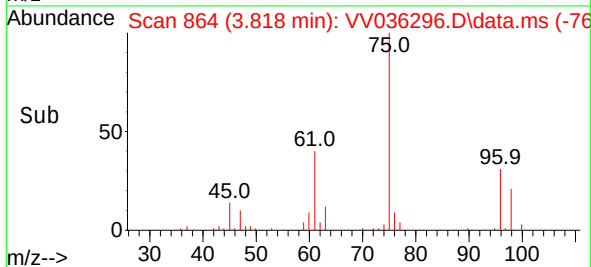
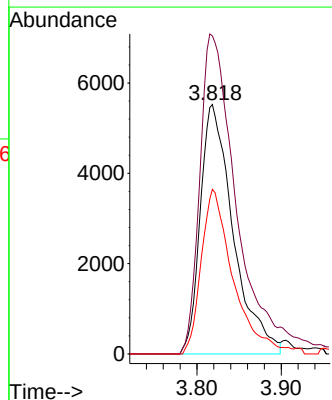
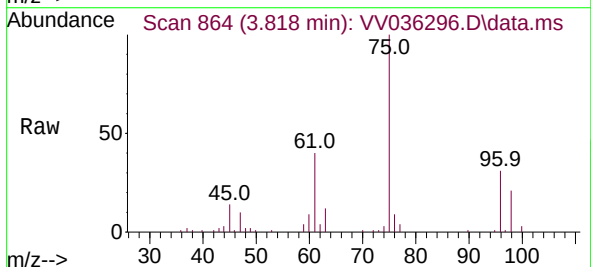
Instrument :
MSVOA_V
ClientSampleId :

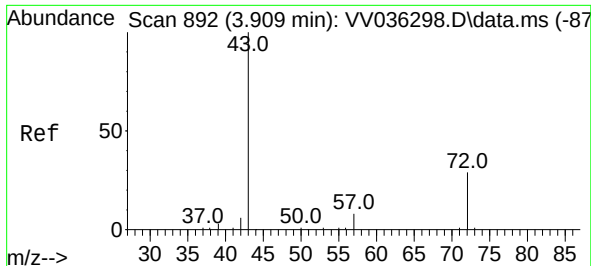
Tgt Ion:	63	Resp:	28439
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.1	41.1
83	13.4	9.7	17.9



#20
cis-1,2-Dichloroethene
Concen: 2.417 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.009 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion:	96	Resp:	15017
Ion	Ratio	Lower	Upper
96	100		
61	127.5	83.7	155.5
98	66.0	44.2	82.0





#22

2-Butanone

Concen: 0.505 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.061 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

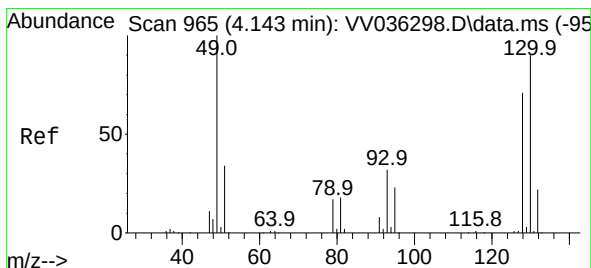
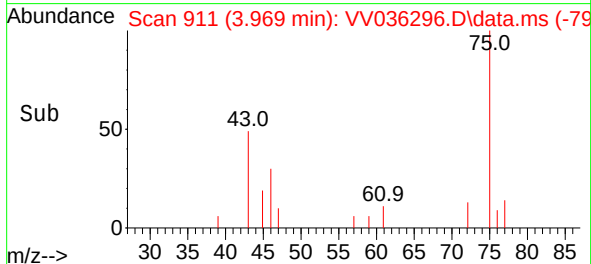
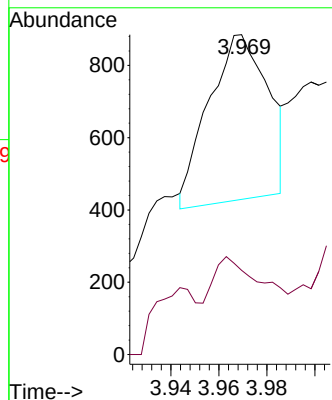
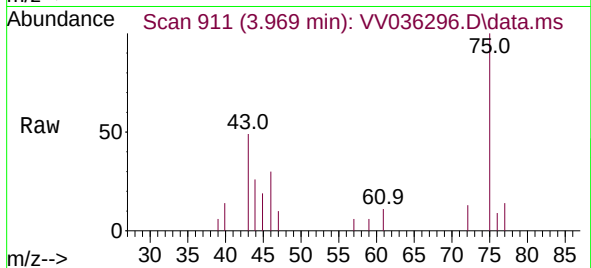
ClientSampleId :

Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

72 20.9 12.9 38.7



#23

Bromochloromethane

Concen: 2.617 ug/L

RT: 4.150 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Tgt Ion: 128 Resp: 8479

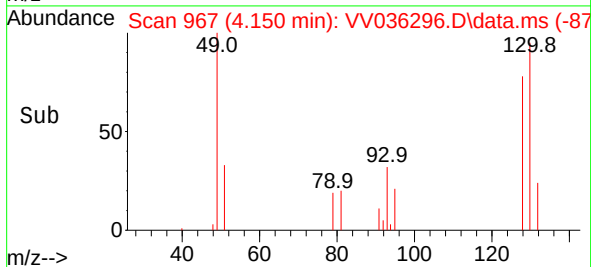
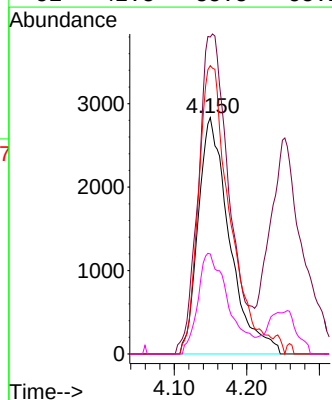
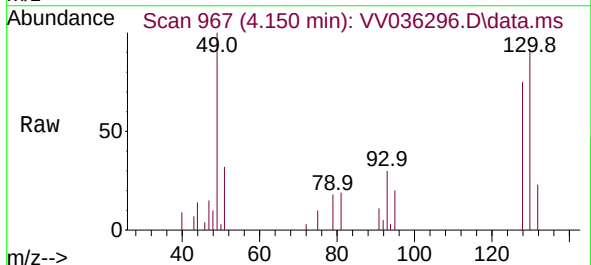
Ion Ratio Lower Upper

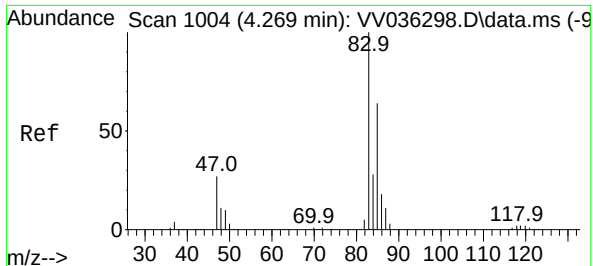
128 100

49 134.1 99.2 184.2

130 122.0 88.9 165.1

51 42.3 38.8 58.2





#25

Chloroform

Concen: 2.600 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

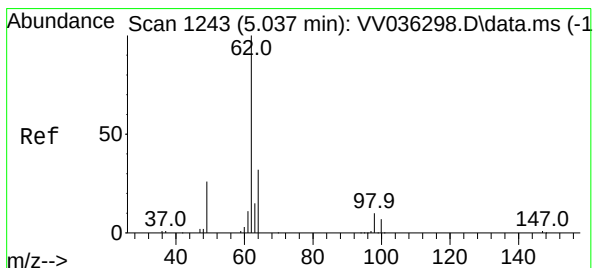
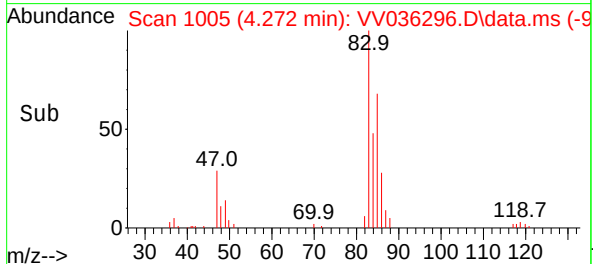
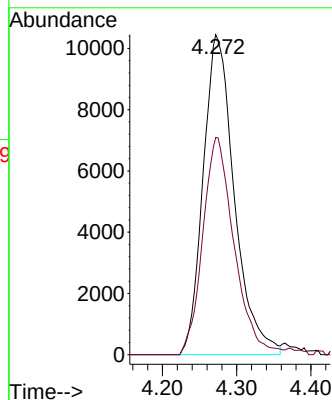
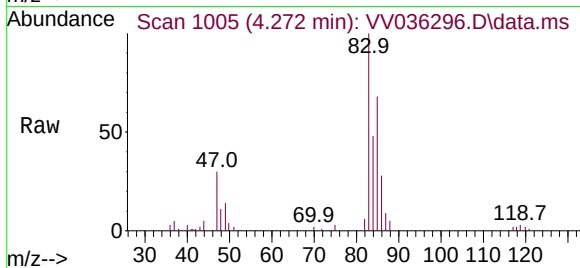
ClientSampleId :

Tgt Ion: 83 Resp: 30457

Ion Ratio Lower Upper

83 100

85 67.9 45.0 83.6



#27

1,2-Dichloroethane

Concen: 2.431 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV036296.D

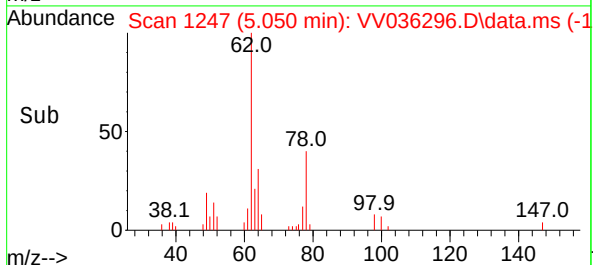
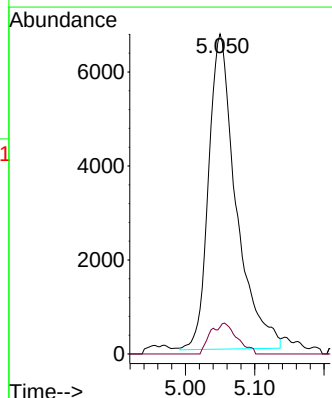
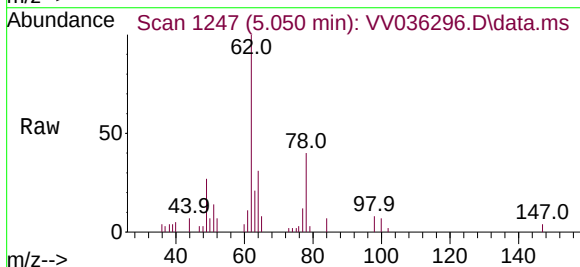
Acq: 27 Jun 2024 08:05

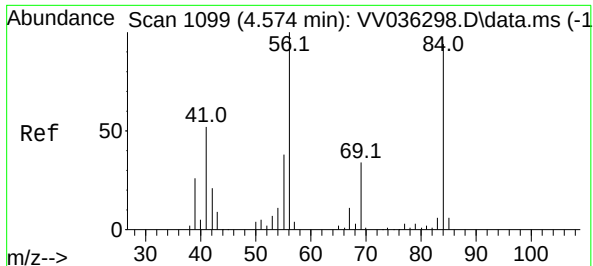
Tgt Ion: 62 Resp: 18444

Ion Ratio Lower Upper

62 100

98 8.4 7.8 11.8





#29

Cyclohexane

Concen: 2.257 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

ClientSampleId :

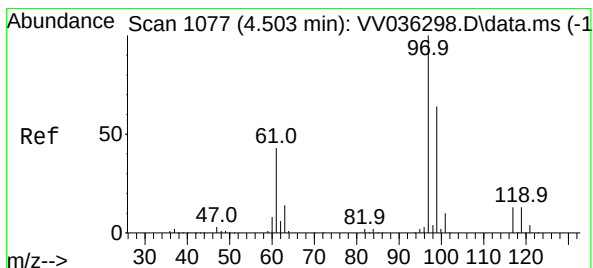
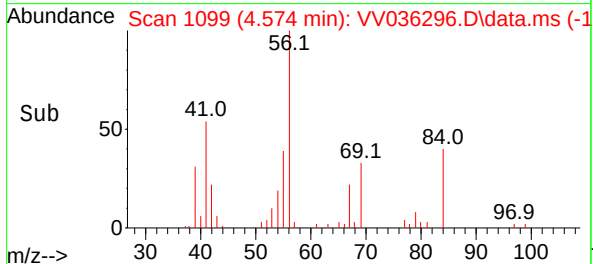
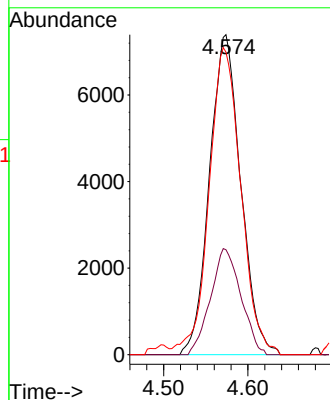
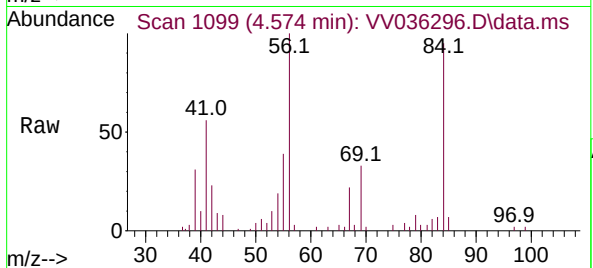
Tgt Ion: 56 Resp: 19039

Ion Ratio Lower Upper

56 100

69 32.3 26.0 39.0

84 94.1 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 2.646 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

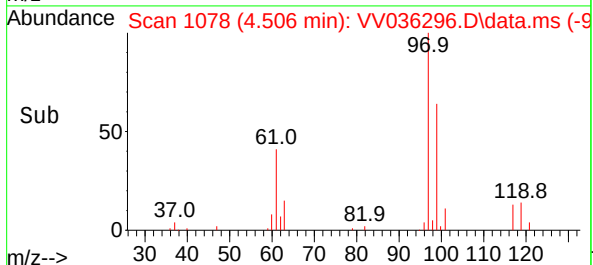
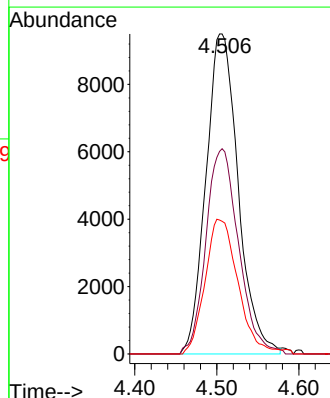
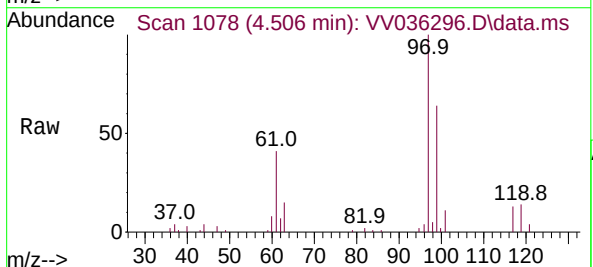
Tgt Ion: 97 Resp: 25984

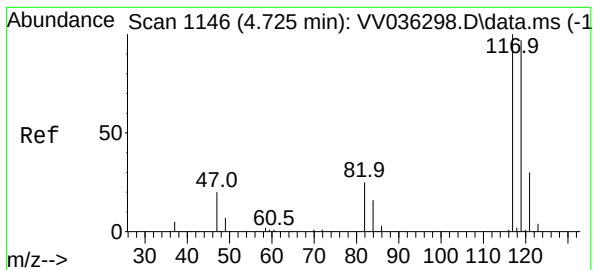
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 42.5 34.8 52.2

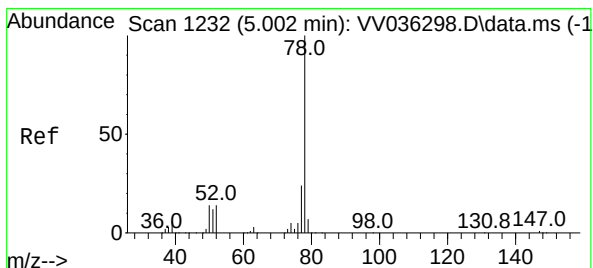
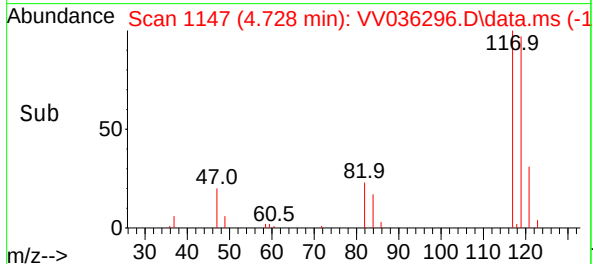
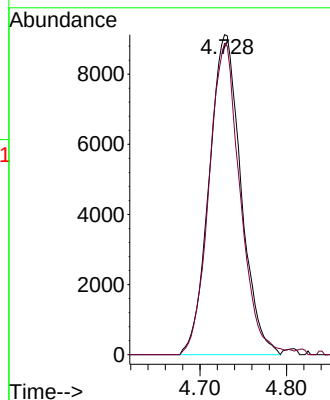
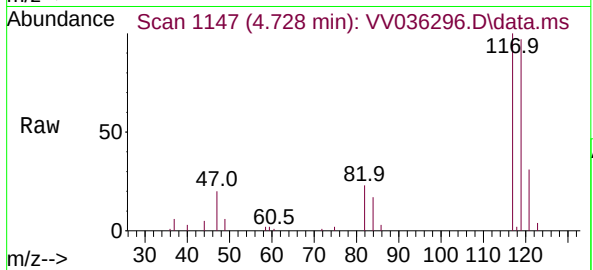




#31
Carbon tetrachloride
Concen: 2.663 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

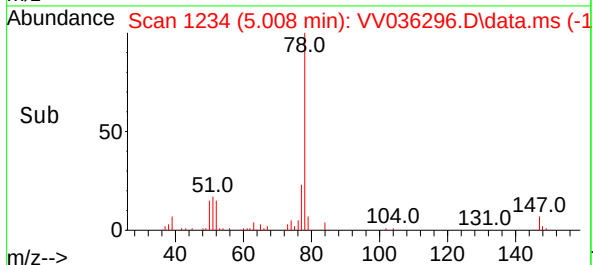
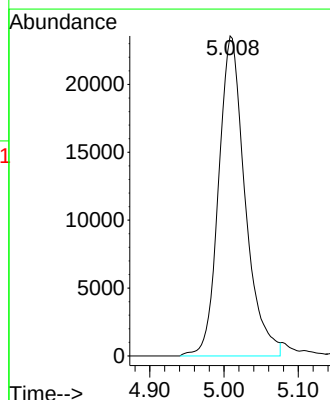
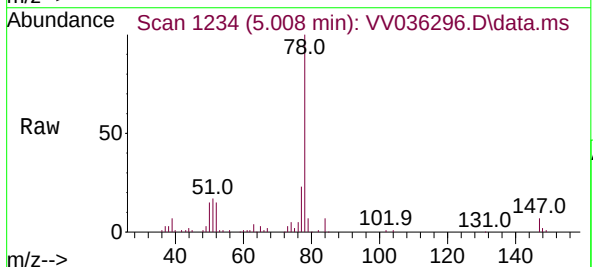
Instrument :
MSVOA_V
ClientSampleId :

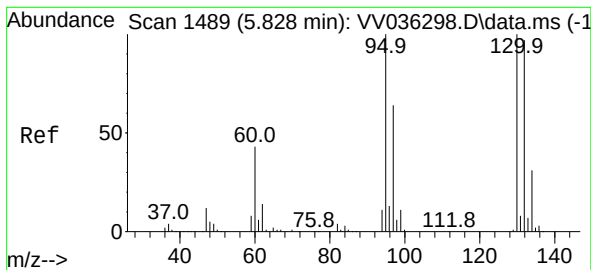
Tgt Ion:117 Resp: 23302
Ion Ratio Lower Upper
117 100
119 95.1 77.2 115.8



#33
Benzene
Concen: 2.493 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion: 78 Resp: 58477





#34

Trichloroethene

Concen: 2.557 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 18929

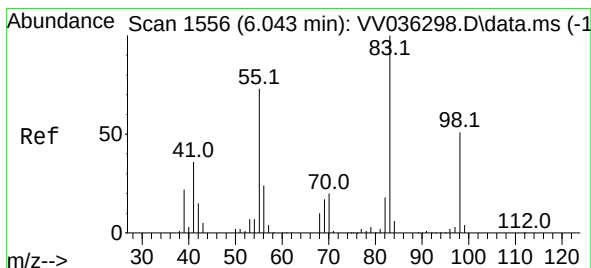
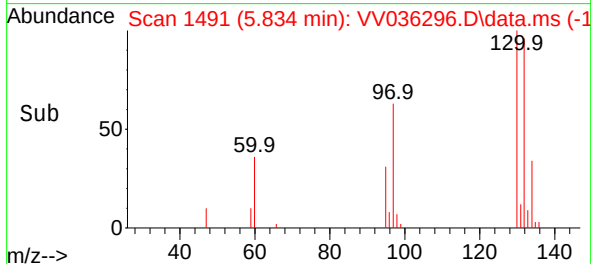
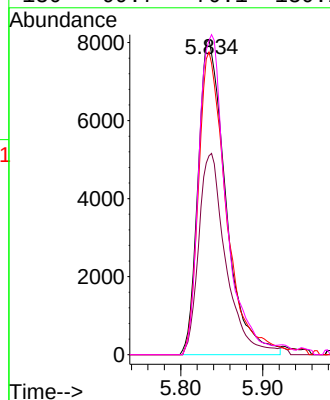
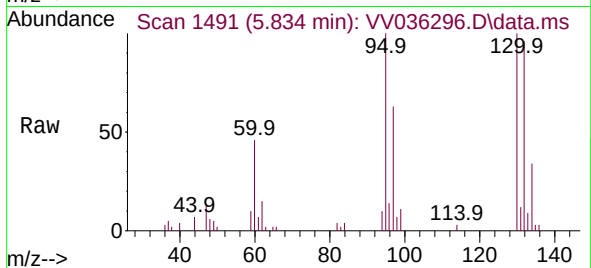
Ion Ratio Lower Upper

95 100

97 63.1 45.1 83.7

132 96.1 67.7 125.7

130 99.7 70.1 130.1



#35

Methylcyclohexane

Concen: 2.197 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

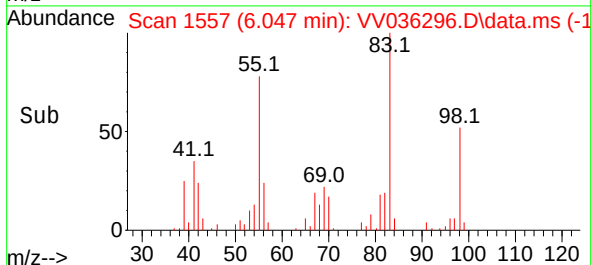
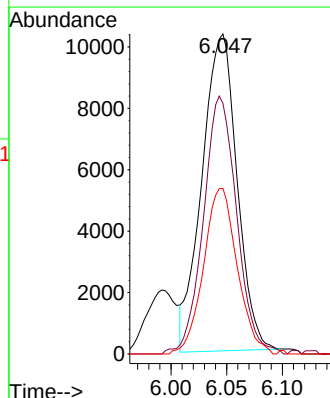
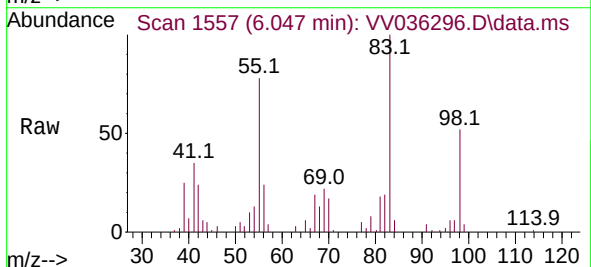
Tgt Ion: 83 Resp: 22664

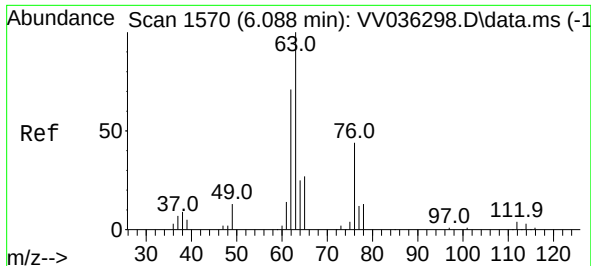
Ion Ratio Lower Upper

83 100

55 76.9 56.0 84.0

98 50.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 2.371 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

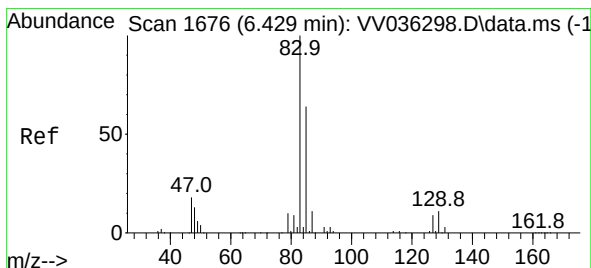
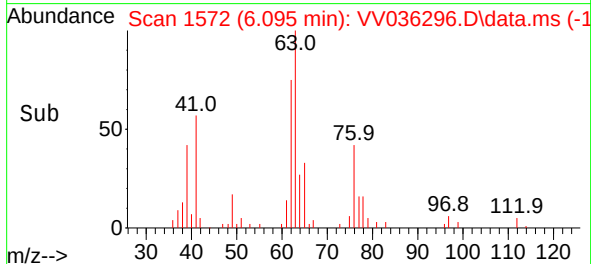
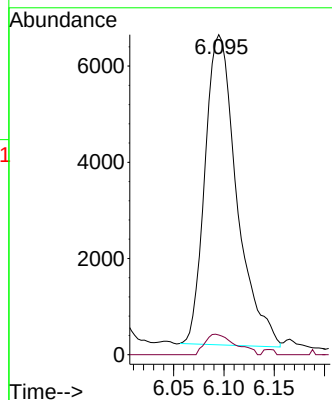
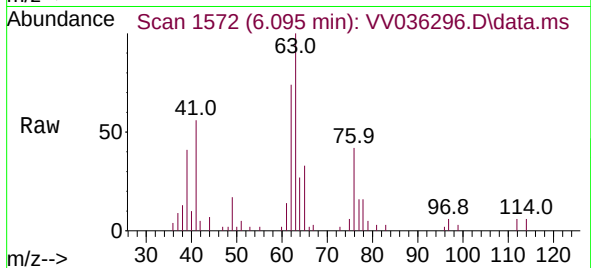
ClientSampleId :

Tgt Ion: 63 Resp: 14202

Ion Ratio Lower Upper

63 100

112 6.2 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.484 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

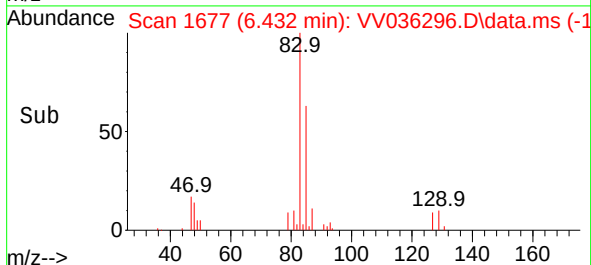
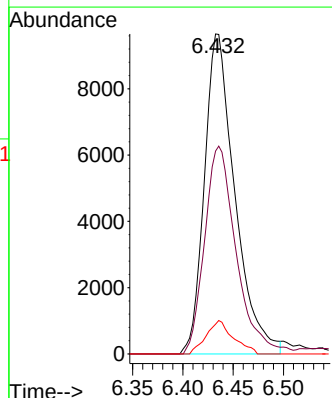
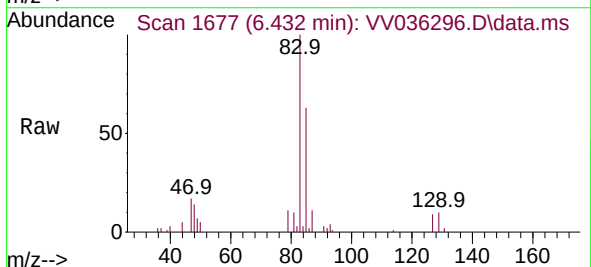
Tgt Ion: 83 Resp: 20354

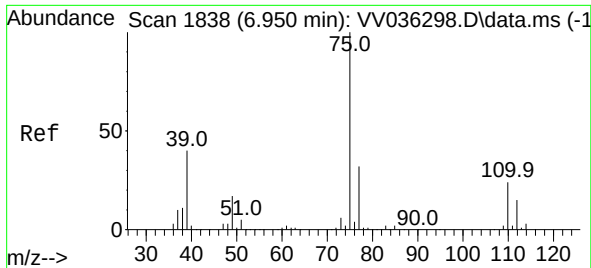
Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.5

127 9.3 7.0 10.6

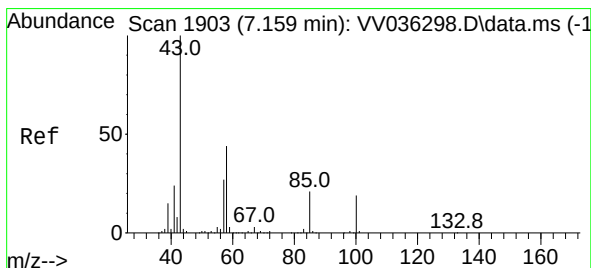
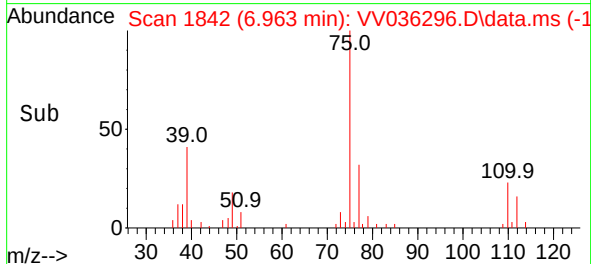
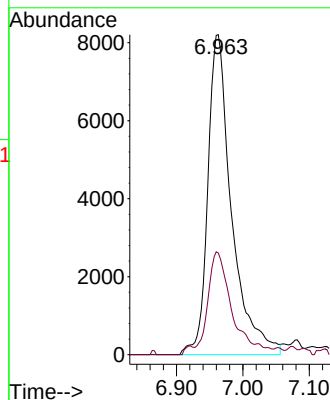
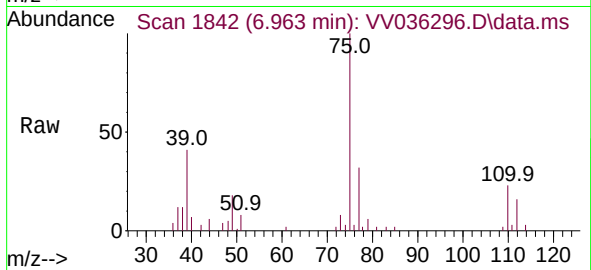




#39
 cis-1,3-Dichloropropene
 Concen: 2.222 ug/L
 RT: 6.963 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV036296.D
 Acq: 27 Jun 2024 08:05

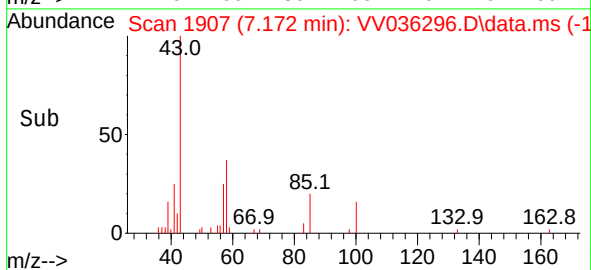
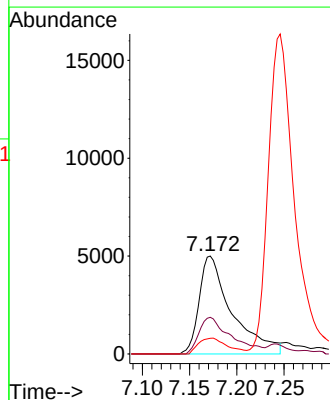
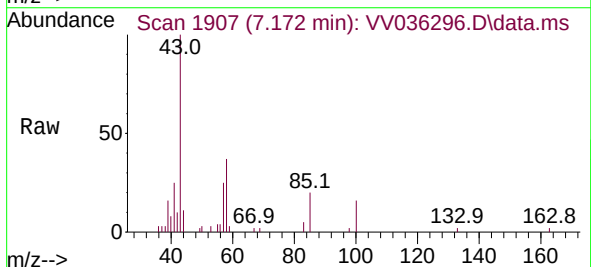
Instrument :
 MSVOA_V
 ClientSampleId :

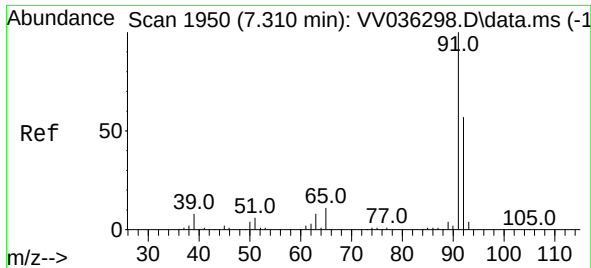
Tgt Ion: 75 Resp: 20466
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 3.576 ug/L
 RT: 7.172 min Scan# 1907
 Delta R.T. 0.013 min
 Lab File: VV036296.D
 Acq: 27 Jun 2024 08:05

Tgt Ion: 43 Resp: 12047
 Ion Ratio Lower Upper
 43 100
 58 37.2 34.8 52.2
 100 14.5 14.6 21.8#





#42

Toluene

Concen: 2.241 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

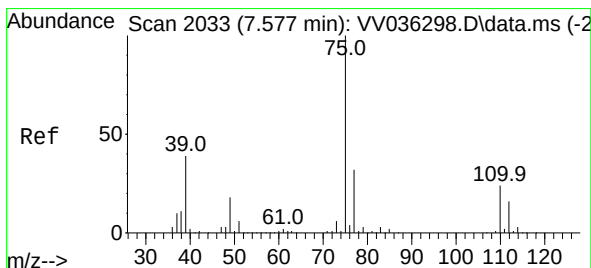
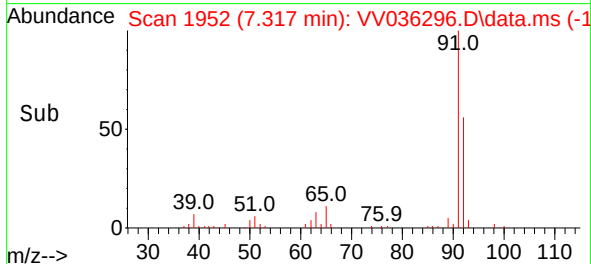
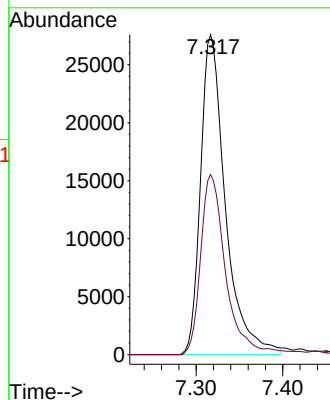
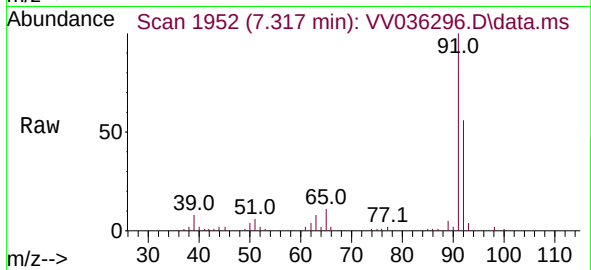
ClientSampleId :

Tgt Ion: 91 Resp: 54959

Ion Ratio Lower Upper

91 100

92 56.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 2.158 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV036296.D

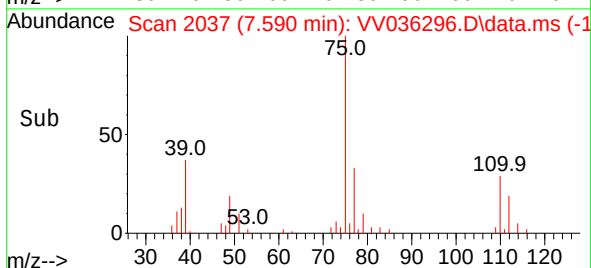
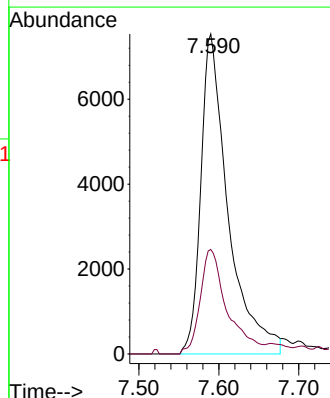
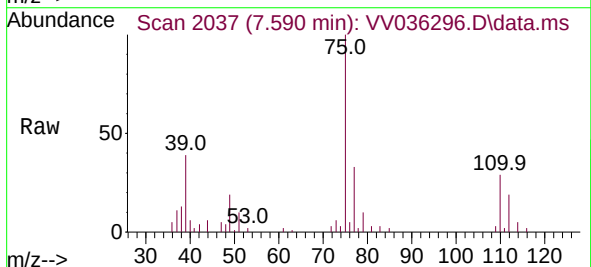
Acq: 27 Jun 2024 08:05

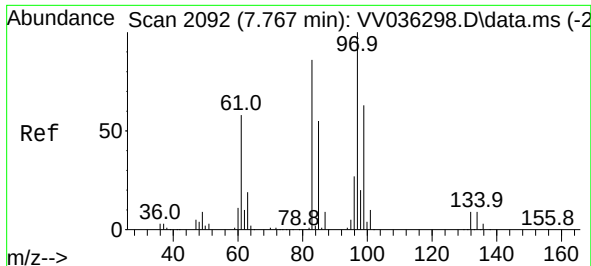
Tgt Ion: 75 Resp: 17878

Ion Ratio Lower Upper

75 100

77 32.7 22.5 41.9

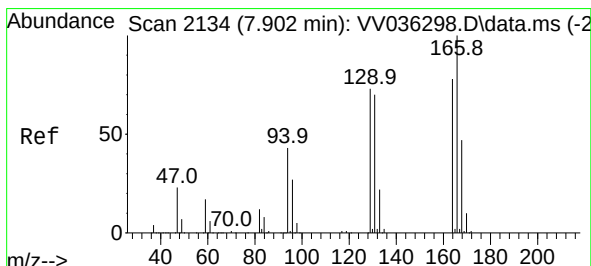
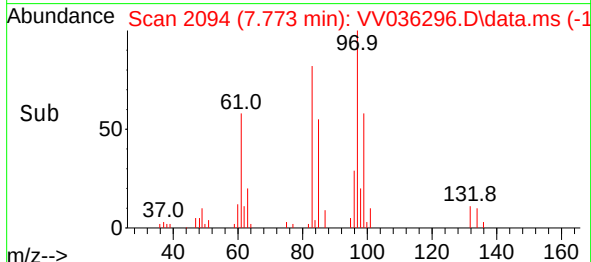
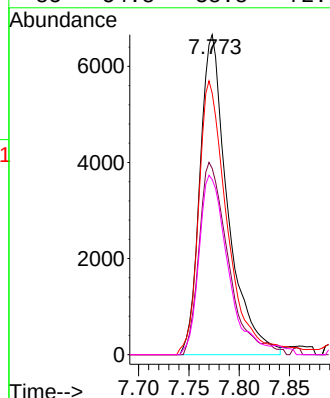
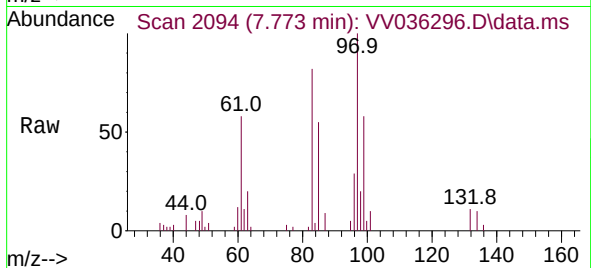




#45
1,1,2-Trichloroethane
Concen: 2.418 ug/L
RT: 7.773 min Scan# 2092
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

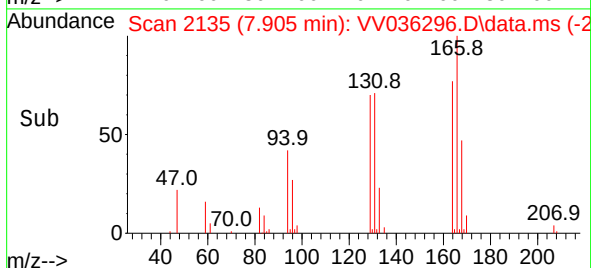
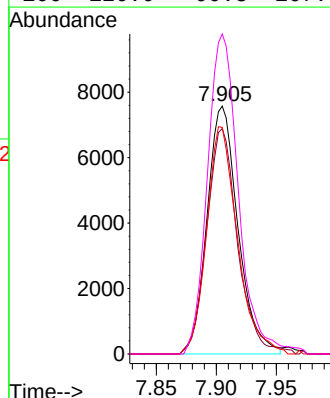
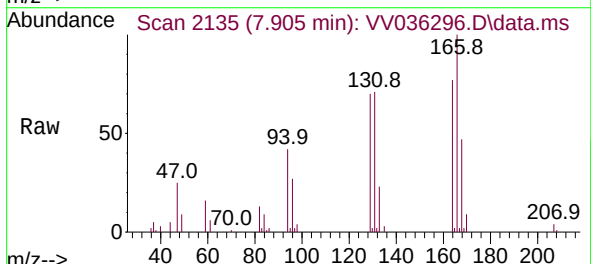
Instrument :
MSVOA_V
ClientSampleId :

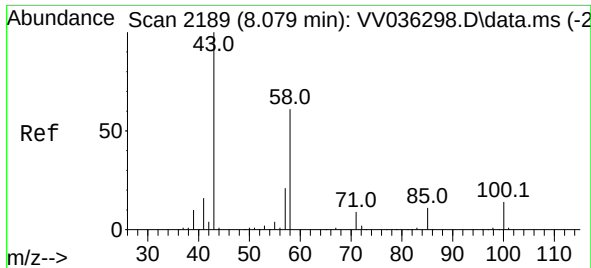
Tgt Ion: 97	Resp: 12802
Ion Ratio	Lower Upper
97 100	
99 58.2	43.8 81.3
83 81.7	60.6 112.6
85 54.8	38.8 72.0



#46
Tetrachloroethene
Concen: 2.532 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion:164	Resp: 13622
Ion Ratio	Lower Upper
164 100	
129 88.8	65.9 122.5
131 91.6	63.3 117.7
166 126.0	90.3 167.7

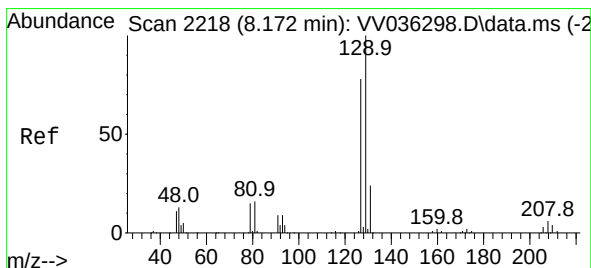
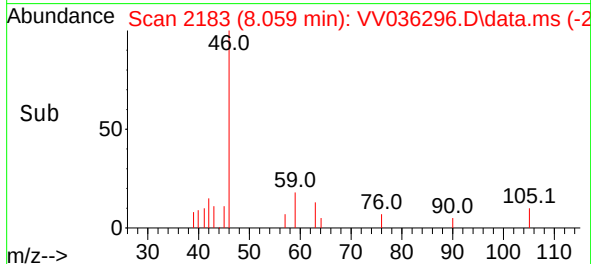
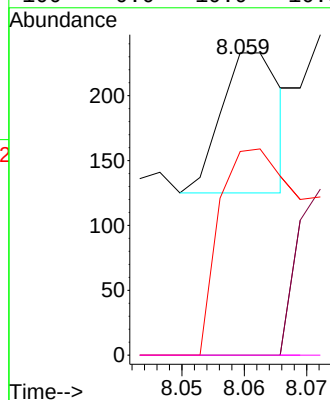
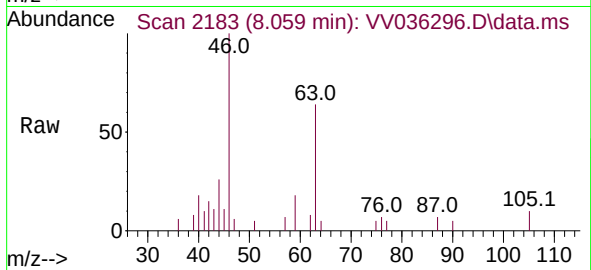




#48
2-Hexanone
Concen: 0.027 ug/L
RT: 8.059 min Scan# 2189
Delta R.T. -0.019 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

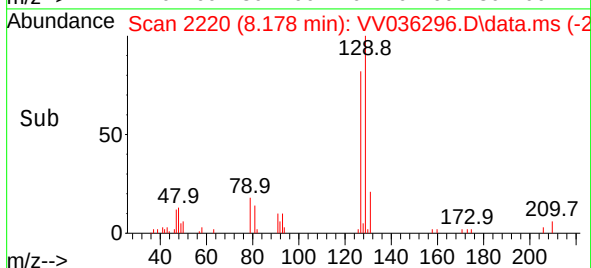
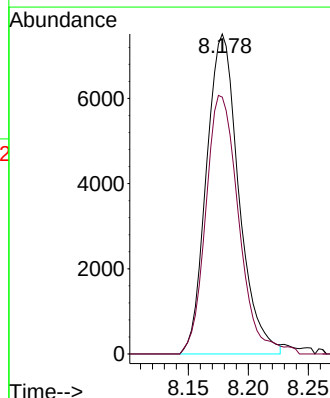
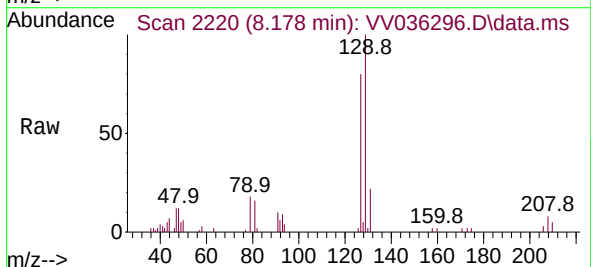
Instrument :
MSVOA_V
ClientSampleId :

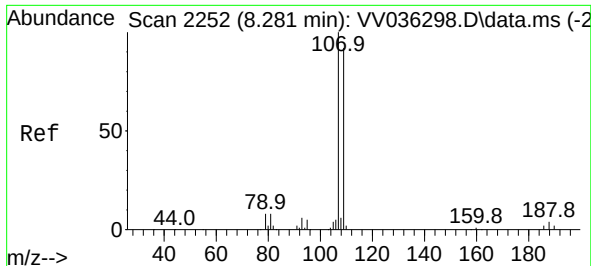
Tgt Ion: 43	Resp: 71
Ion Ratio	Lower Upper
43 100	
58 0.0	48.5 72.7#
57 188.7	15.8 23.6#
100 0.0	10.9 16.3#



#49
Dibromochloromethane
Concen: 2.389 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion:129	Resp: 14099		
Ion Ratio	Lower	Upper	
129 100			
127 80.3	54.9	101.9	

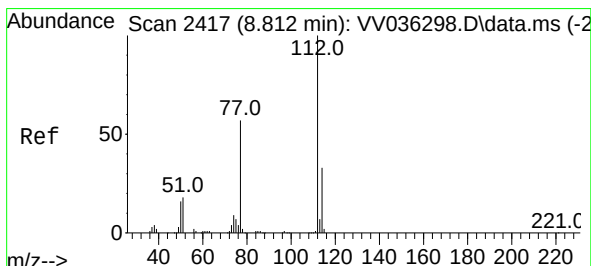
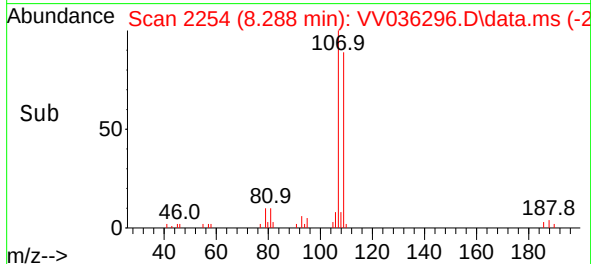
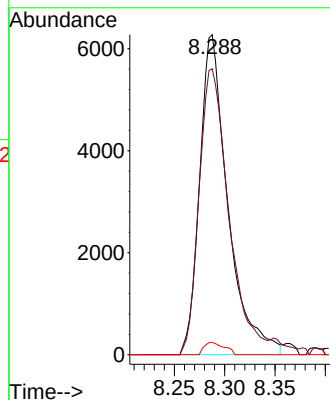
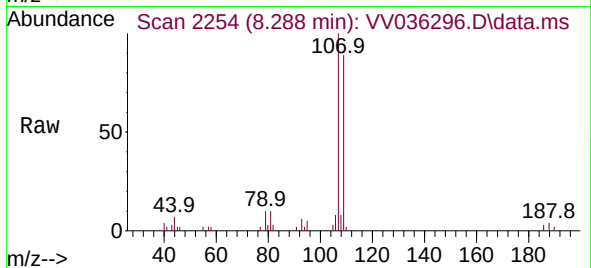




#50
1,2-Dibromoethane
Concen: 2.346 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

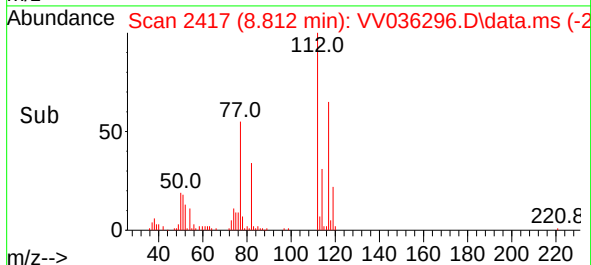
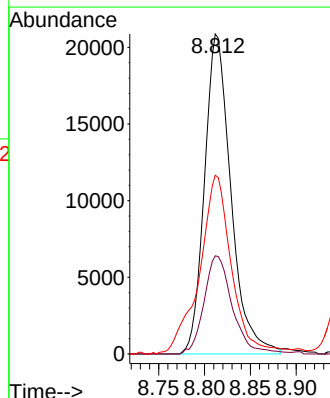
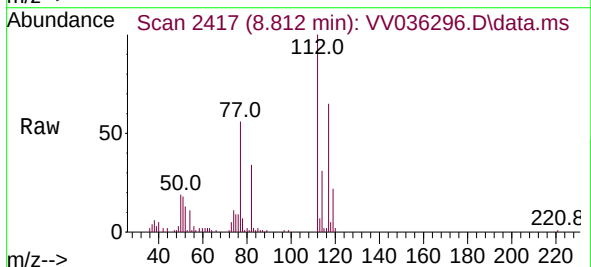
Instrument :
MSVOA_V
ClientSampleId :

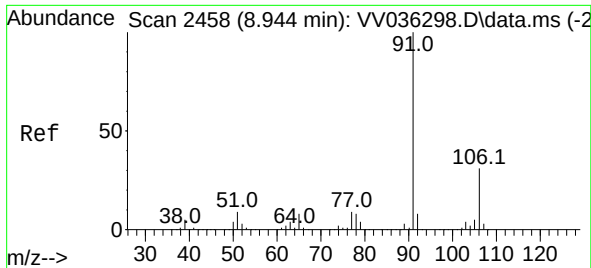
Tgt Ion:107 Resp: 12237
Ion Ratio Lower Upper
107 100
109 89.4 64.7 120.1
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 2.500 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion:112 Resp: 41914
Ion Ratio Lower Upper
112 100
114 30.7 22.8 42.4
77 55.9 46.2 69.2

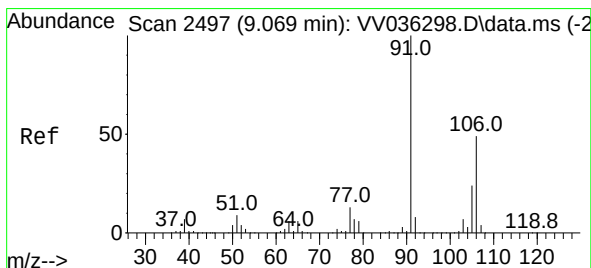
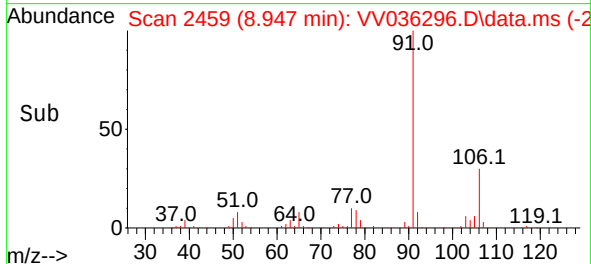
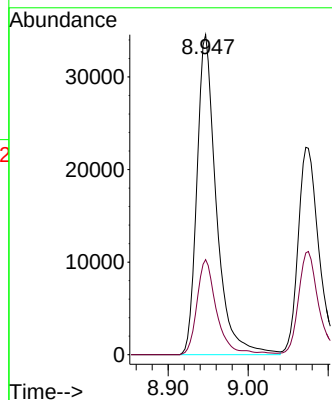
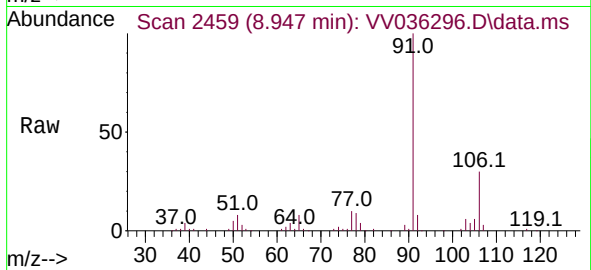




#52
Ethylbenzene
Concen: 2.206 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

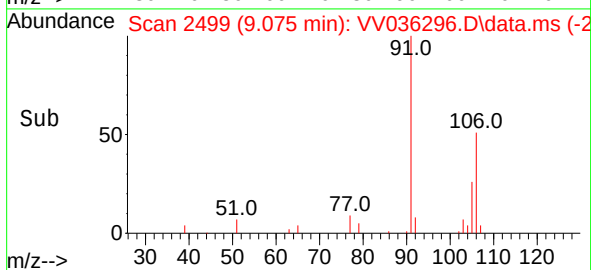
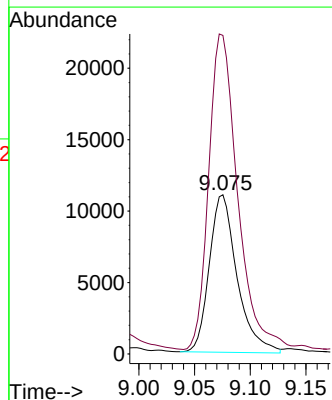
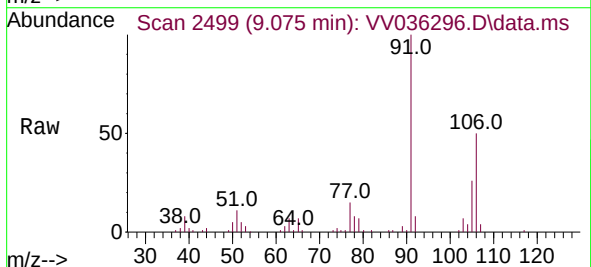
Instrument :
MSVOA_V
ClientSampleId :

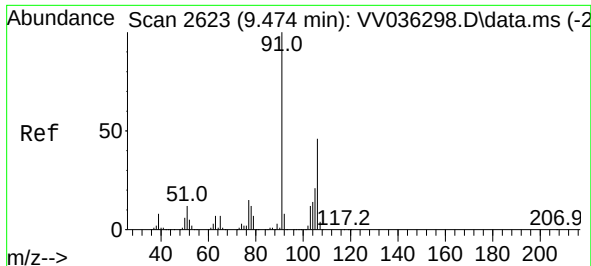
Tgt Ion: 91 Resp: 58382
Ion Ratio Lower Upper
91 100
106 29.7 21.8 40.4



#53
m,p-Xylene
Concen: 1.939 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion:106 Resp: 19129
Ion Ratio Lower Upper
106 100
91 200.2 142.2 264.0





#54

o-Xylene

Concen: 1.977 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

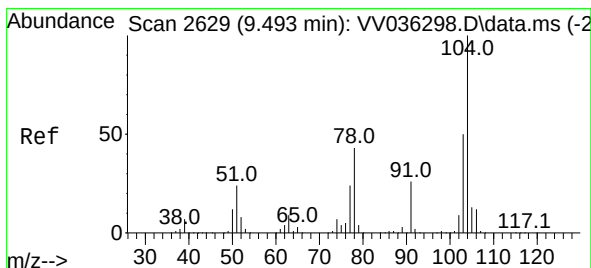
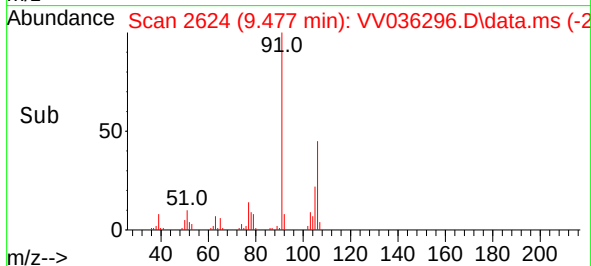
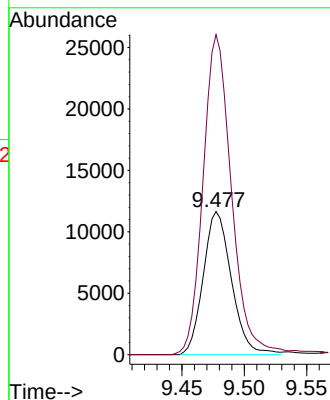
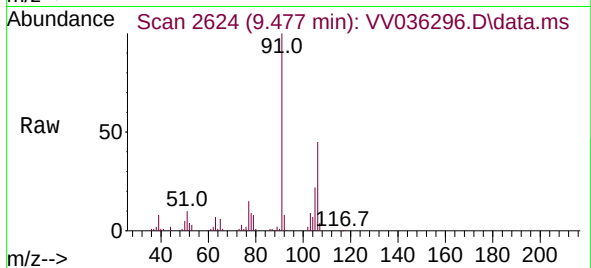
ClientSampleId :

Tgt Ion:106 Resp: 18339

Ion Ratio Lower Upper

106 100

91 223.5 152.7 283.7



#55

Styrene

Concen: 1.843 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.006 min

Lab File: VV036296.D

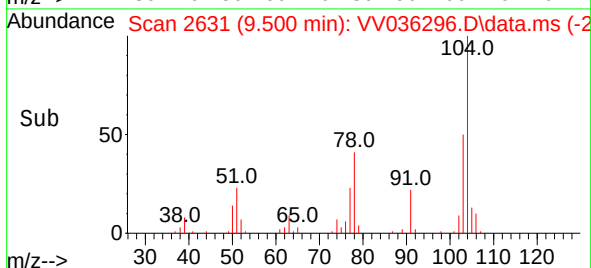
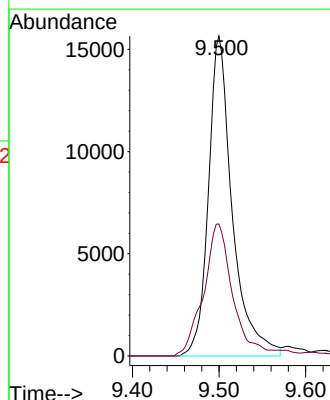
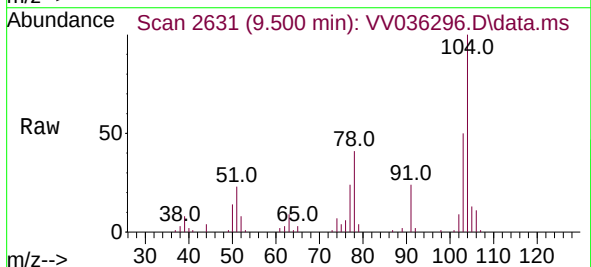
Acq: 27 Jun 2024 08:05

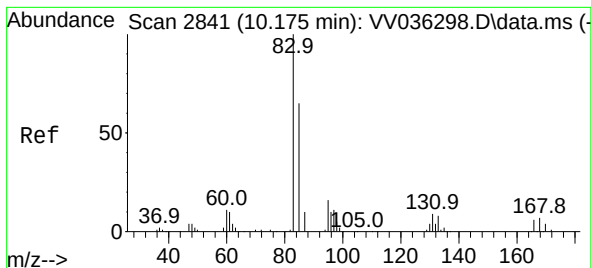
Tgt Ion:104 Resp: 29956

Ion Ratio Lower Upper

104 100

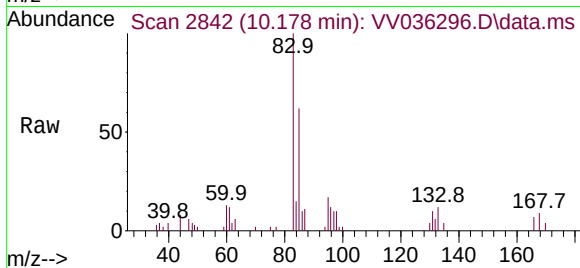
78 41.2 30.2 56.2



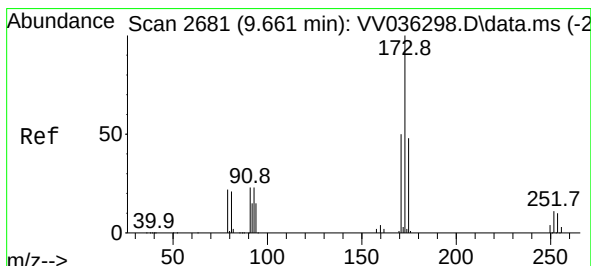
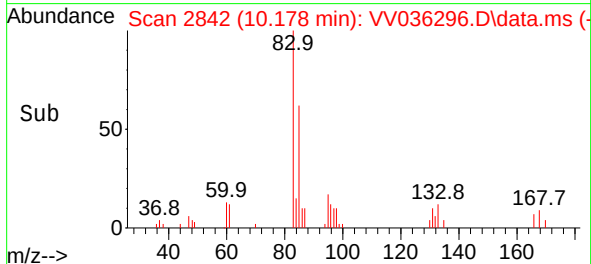
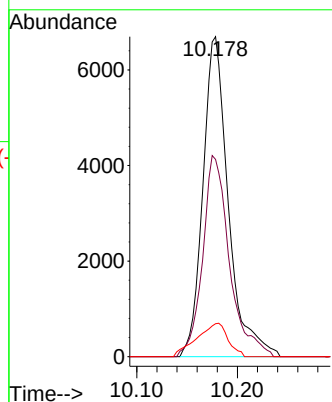


#57
1,1,2,2-Tetrachloroethane
Concen: 2.480 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Instrument :
MSVOA_V
ClientSampleId :

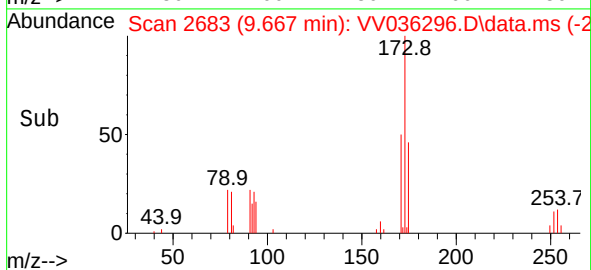
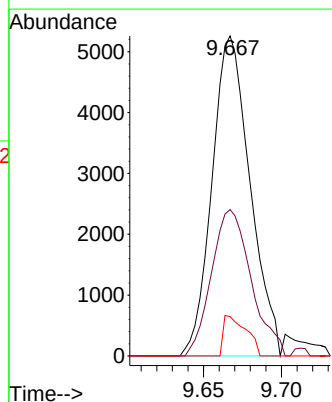
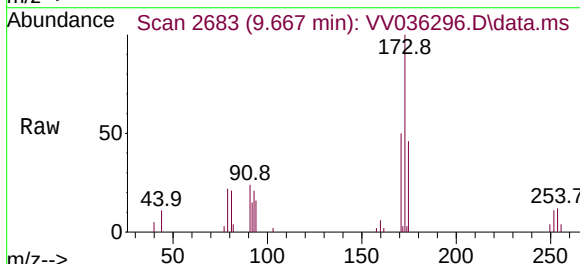


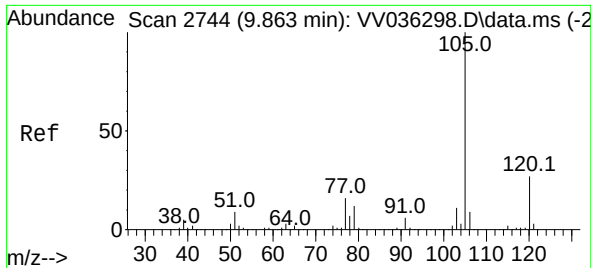
Tgt Ion: 83 Resp: 11752
Ion Ratio Lower Upper
83 100
85 61.6 45.7 84.9
131 10.3 7.8 11.6



#59
Bromoform
Concen: 2.500 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion: 173 Resp: 8930
Ion Ratio Lower Upper
173 100
175 47.7 38.9 58.3
254 7.5 7.2 10.8

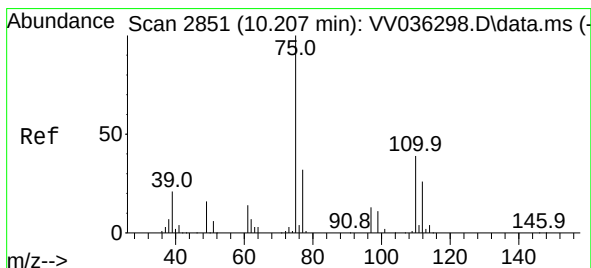
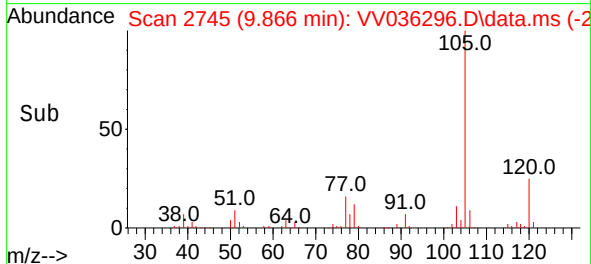
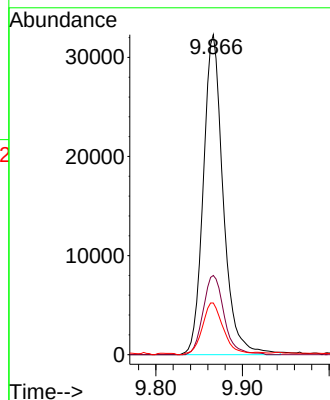
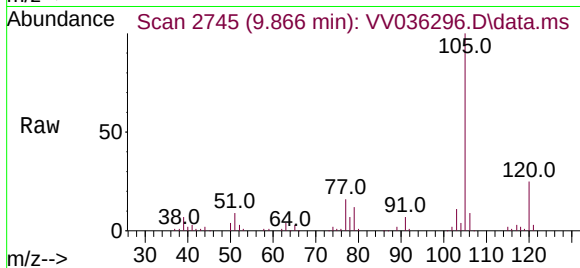




#60
Isopropylbenzene
Concen: 2.261 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

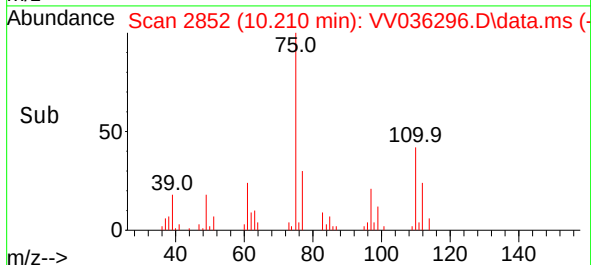
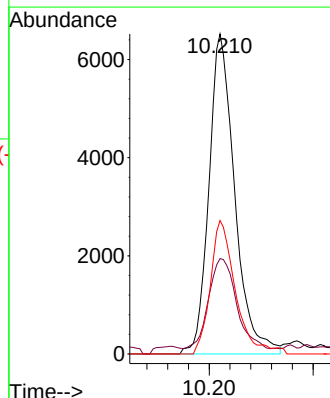
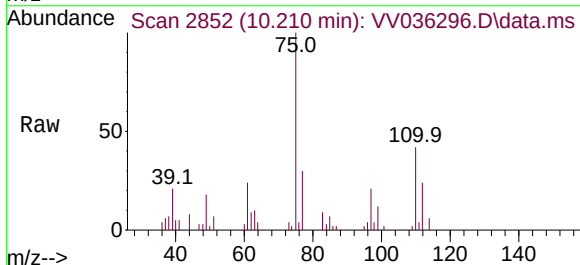
Instrument :
MSVOA_V
ClientSampleId :

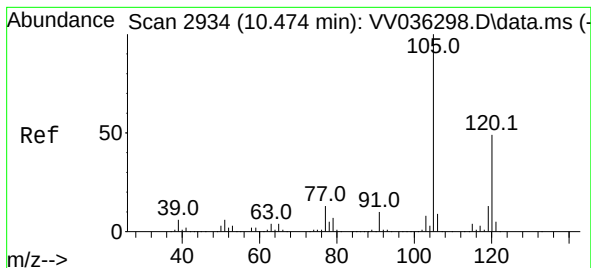
Tgt Ion:105 Resp: 51561
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 17.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 2.638 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion: 75 Resp: 11230
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 38.9 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 2.109 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

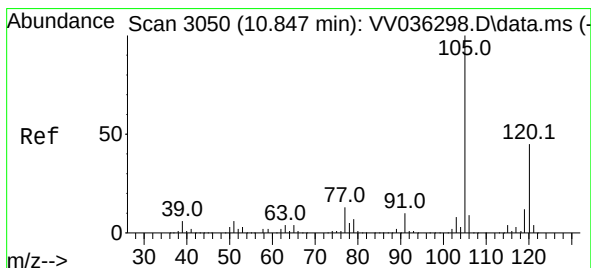
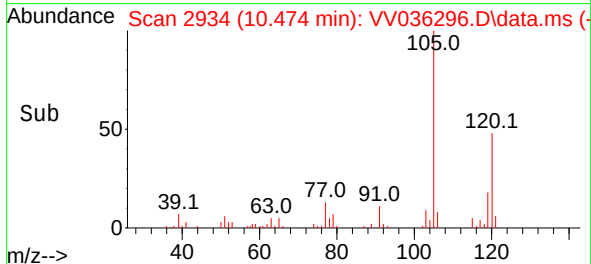
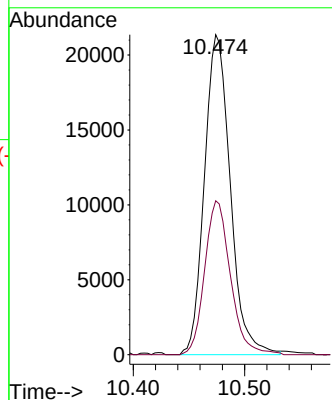
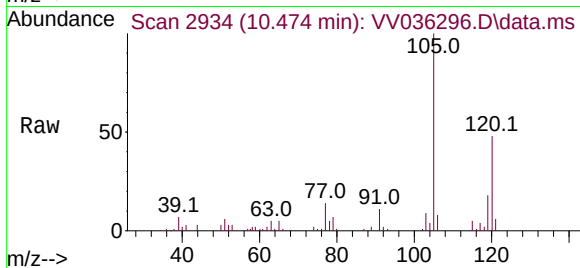
ClientSampleId :

Tgt Ion:105 Resp: 34427

Ion Ratio Lower Upper

105 100

120 48.0 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 2.033 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036296.D

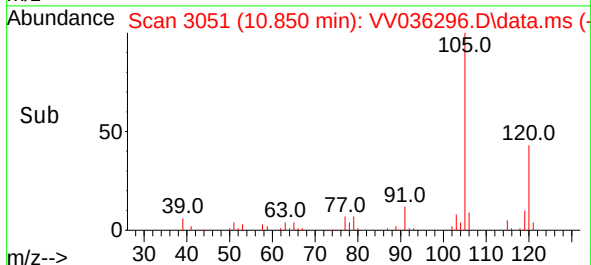
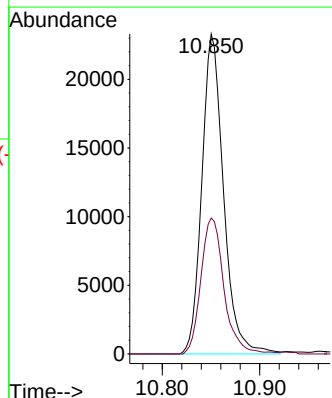
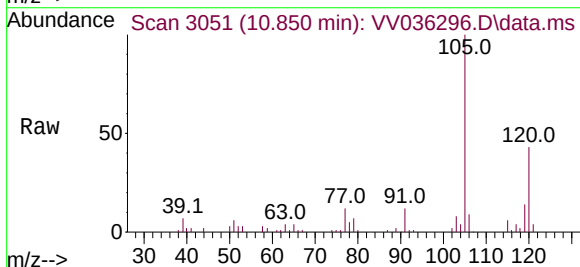
Acq: 27 Jun 2024 08:05

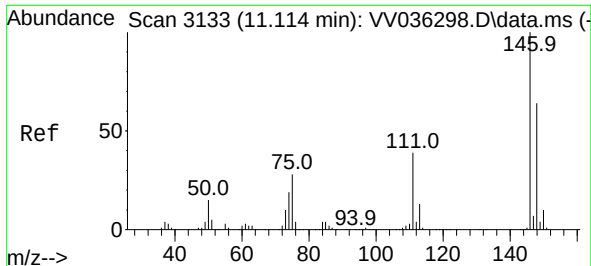
Tgt Ion:105 Resp: 36059

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4

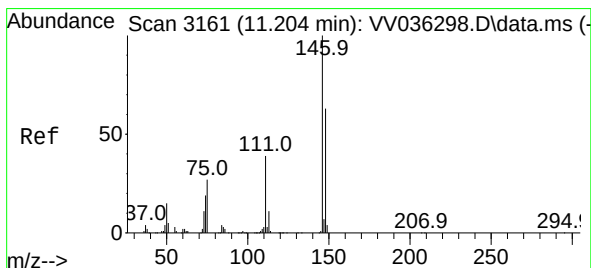
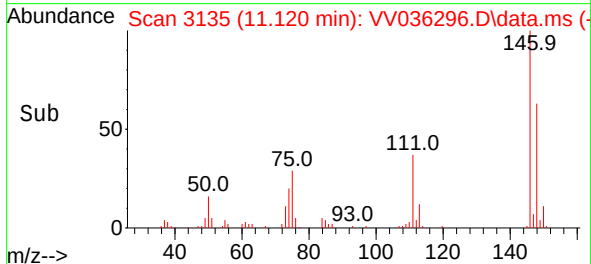
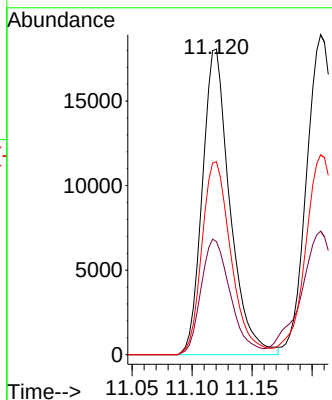
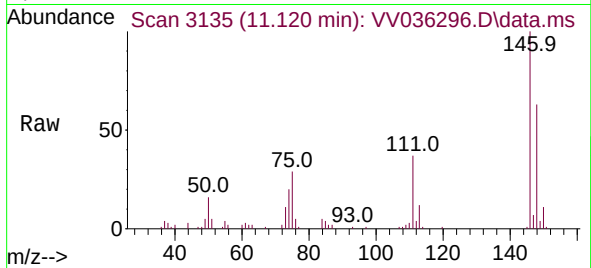




#64
1,3-Dichlorobenzene
Concen: 2.435 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

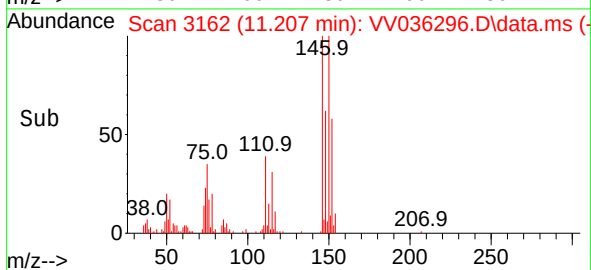
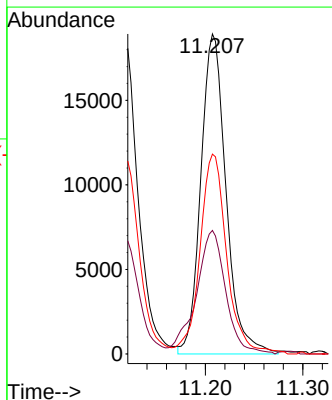
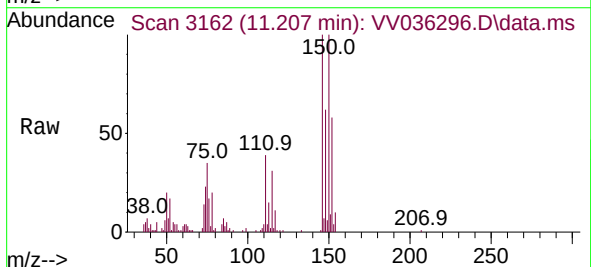
Instrument :
MSVOA_V
ClientSampleId :

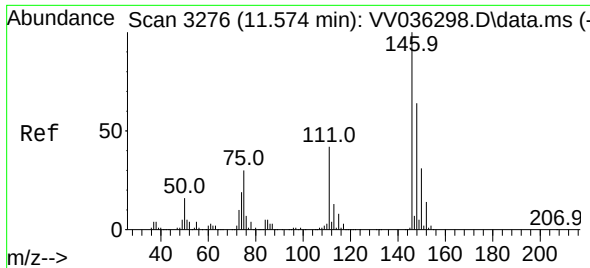
Tgt Ion:146 Resp: 28942
Ion Ratio Lower Upper
146 100
111 37.0 27.5 51.1
148 63.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 2.670 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

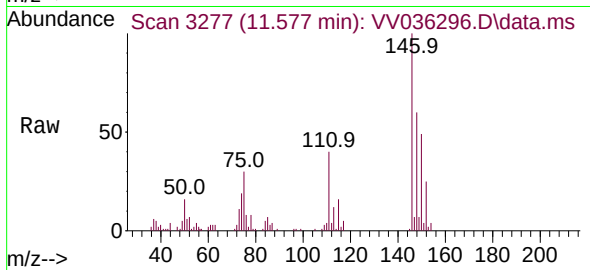
Tgt Ion:146 Resp: 34015
Ion Ratio Lower Upper
146 100
111 38.6 27.5 51.1
148 62.5 44.0 81.8



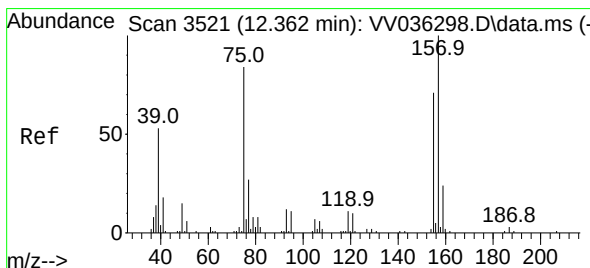
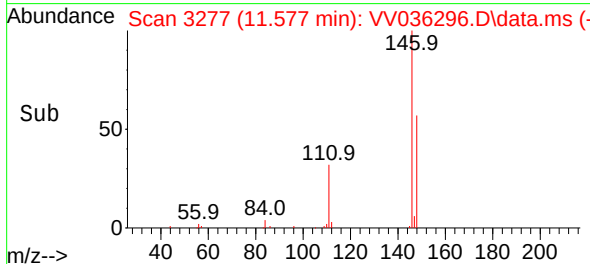
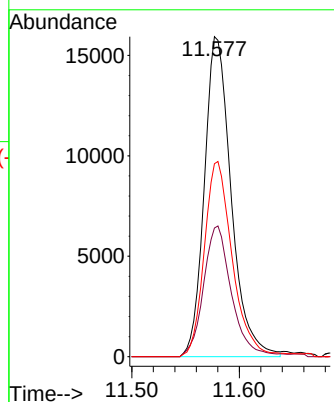


#67
1,2-Dichlorobenzene
Concen: 2.438 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Instrument :
MSVOA_V
ClientSampleId :

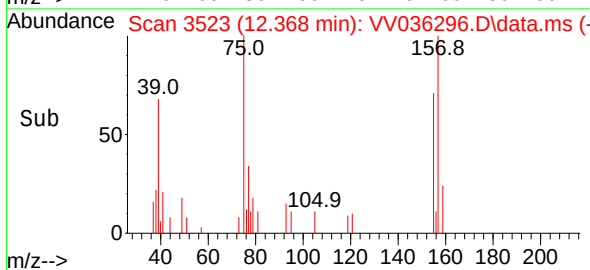
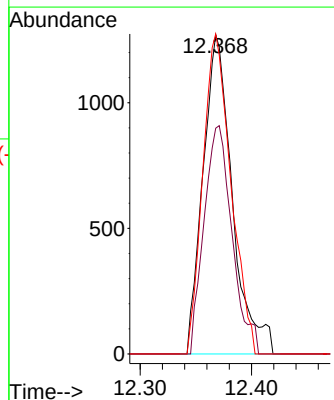
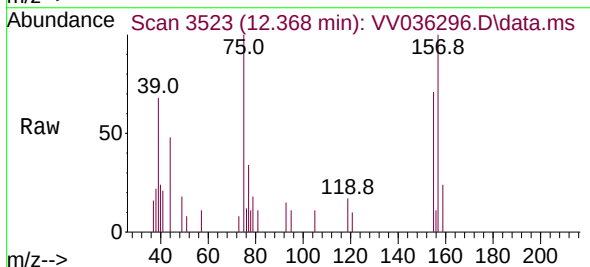


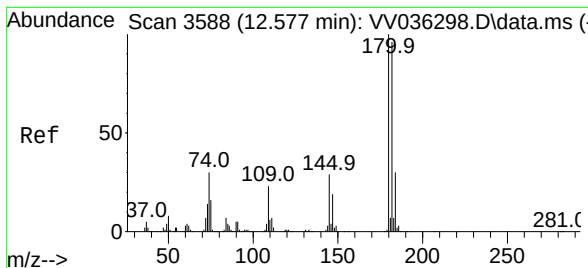
Tgt Ion:146 Resp: 27661
Ion Ratio Lower Upper
146 100
111 40.2 33.3 49.9
148 60.3 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 2.430 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.006 min
Lab File: VV036296.D
Acq: 27 Jun 2024 08:05

Tgt Ion: 75 Resp: 2321
Ion Ratio Lower Upper
75 100
155 70.8 68.3 102.5
157 100.3 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 2.315 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.006 min

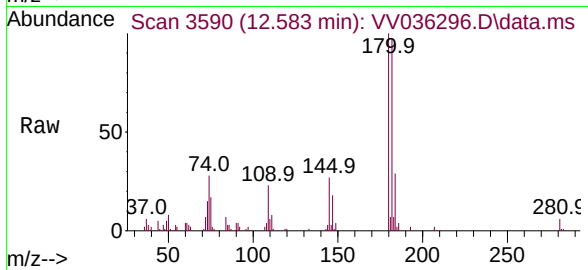
Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 20717

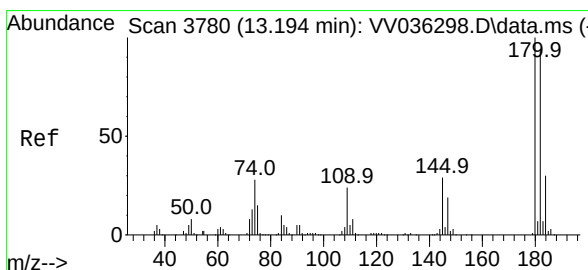
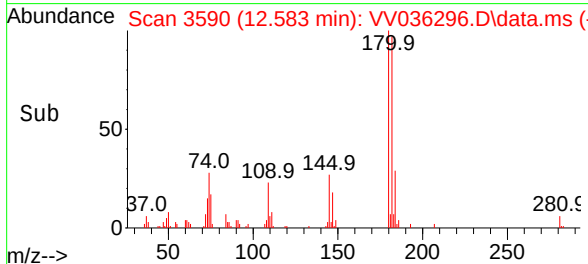
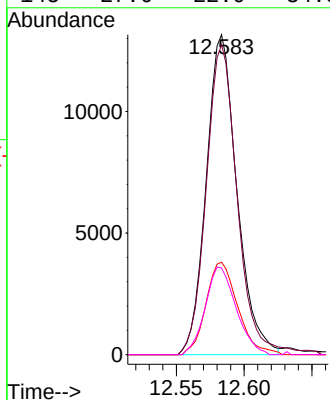
Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.4

184 29.8 23.3 34.9

145 27.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 2.092 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

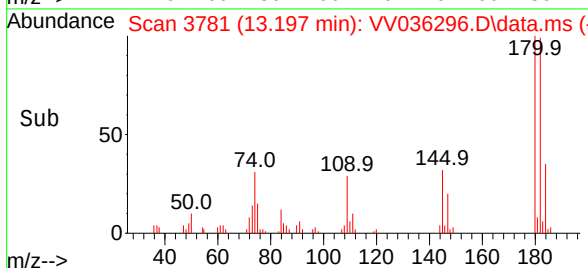
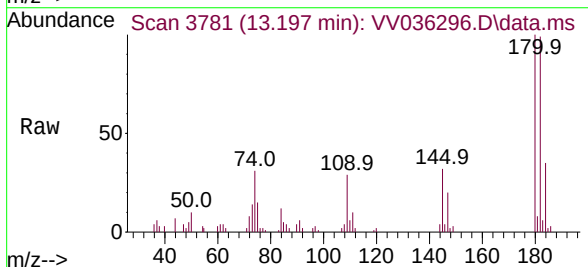
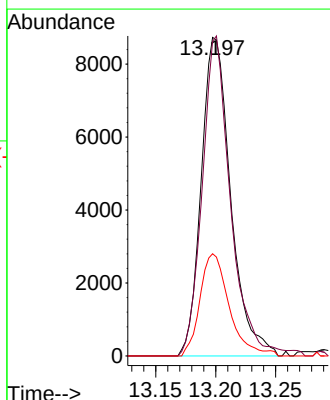
Tgt Ion:180 Resp: 14927

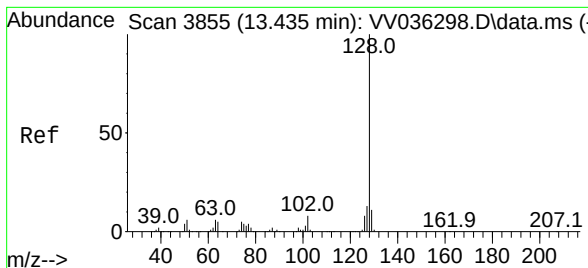
Ion Ratio Lower Upper

180 100

182 95.8 76.1 114.1

145 31.3 23.8 35.8





#71

Naphthalene

Concen: 2.018 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Instrument :

MSVOA_V

ClientSampleId :

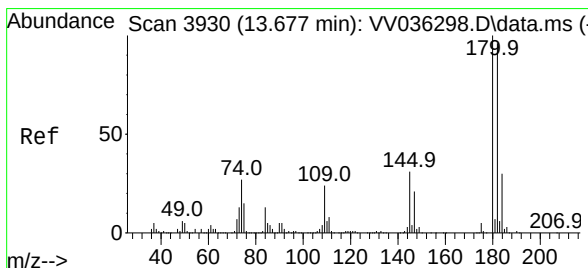
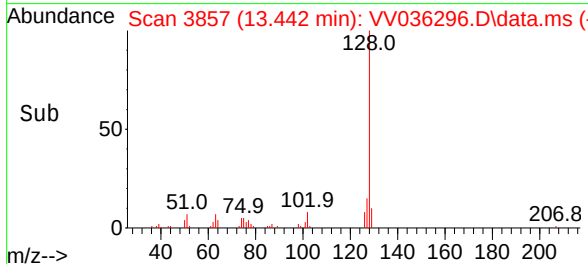
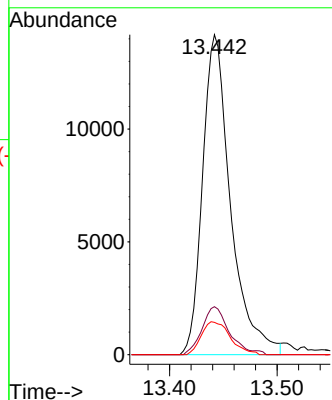
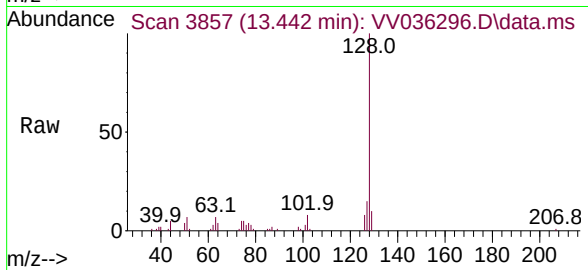
Tgt Ion:128 Resp: 25677

Ion Ratio Lower Upper

128 100

127 14.3 10.8 16.2

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.152 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036296.D

Acq: 27 Jun 2024 08:05

Tgt Ion:180 Resp: 14443

Ion Ratio Lower Upper

180 100

182 99.1 76.7 115.1

145 30.2 25.0 37.4

