

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
 Data File : VV037495.D
 Acq On : 24 Sep 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 02:55:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	396904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	388769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	201142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	117329	5.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.529	69	105076	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.053	65	53236	4.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.809	46	349026	50.155	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	4.240	84	274219	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	128125	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.950	84	538976	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	5.982	67	186436	5.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.236	98	495634	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.551	79	61038	5.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.400%
46) 2-Hexanone-d5	8.021	63	313573	60.192	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	131437	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.555	152	182443	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	146701	3.979	ug/L	98
3) Chloromethane	1.214	50	138139	3.511	ug/L	97
5) Vinyl chloride	1.282	62	146109	3.779	ug/L	99
6) Bromomethane	1.484	94	79138	3.412	ug/L	97
8) Chloroethane	1.545	64	91473	3.934	ug/L	99
9) Trichlorofluoromethane	1.709	101	197179	4.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	120709	4.144	ug/L	97
12) 1,1-Dichloroethene	2.063	96	108986	3.918	ug/L	86
13) Acetone	2.143	43	183618	37.895	ug/L	99
14) Carbon disulfide	2.233	76	343421	3.916	ug/L	99
15) Methyl Acetate	2.388	43	42307	3.812	ug/L	98
16) Methylene chloride	2.442	84	129511	4.050	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	296286	4.481	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	127182	4.346	ug/L	98
19) 1,1-Dichloroethane	3.105	63	230451	4.124	ug/L	99
21) 2-Butanone	3.889	43	279963	38.016	ug/L	96
22) cis-1,2-Dichloroethene	3.806	96	137554	4.348	ug/L	99
23) Bromochloromethane	4.140	128	57344	4.185	ug/L	96
25) Chloroform	4.269	83	239951	4.262	ug/L	97

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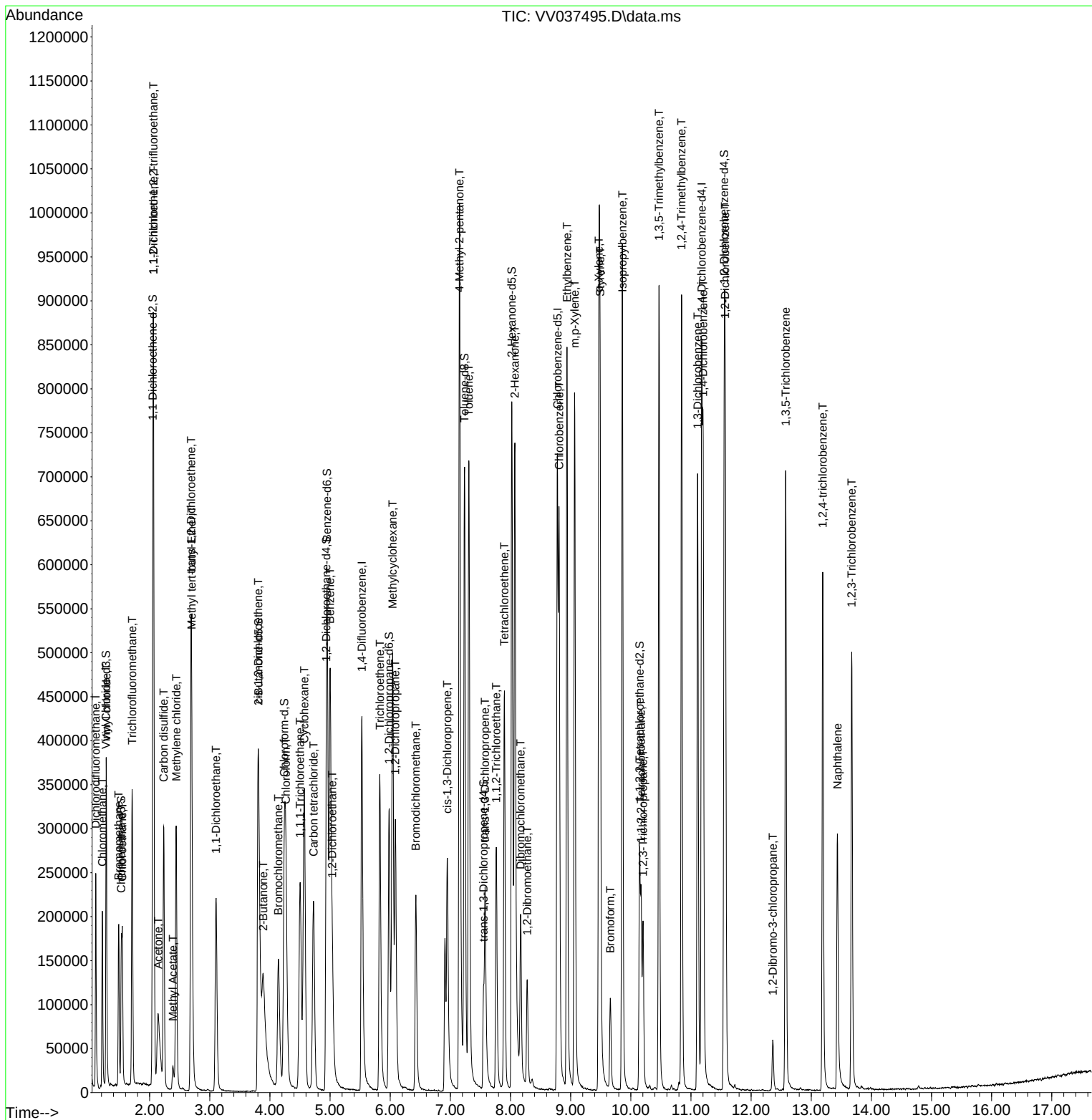
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 MSVOA_V
 ClientSampleId :

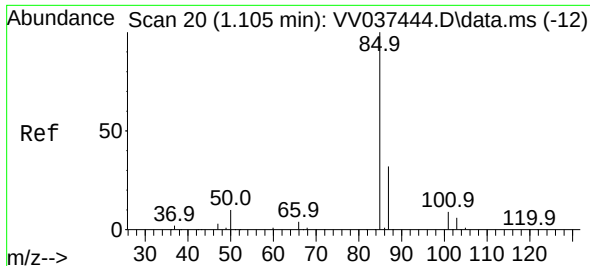
Quant Time: Sep 25 02:55:04 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	132648	4.164	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	202981	4.403	ug/L	98
30) Cyclohexane	4.571	56	197694	4.421	ug/L	99
31) Carbon tetrachloride	4.725	117	169769	4.327	ug/L	98
33) Benzene	5.002	78	515072	4.397	ug/L	100
34) Trichloroethene	5.828	95	140151	4.440	ug/L	97
35) Methylcyclohexane	6.040	83	218109	4.545	ug/L	99
37) 1,2-Dichloropropane	6.085	63	126481	4.244	ug/L	99
38) Bromodichloromethane	6.426	83	162823	4.364	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	188354	4.363	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	719725	42.183	ug/L	97
42) Toluene	7.307	91	549478	4.509	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	147718	4.240	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	92018	4.314	ug/L	98
47) Tetrachloroethene	7.899	164	103005	4.559	ug/L	97
48) 2-Hexanone	8.072	43	512516	41.097	ug/L	94
49) Dibromochloromethane	8.169	129	97225	4.351	ug/L	95
50) 1,2-Dibromoethane	8.278	107	86306	4.282	ug/L	98
51) Chlorobenzene	8.809	112	353883	4.361	ug/L	99
52) Ethylbenzene	8.940	91	616371	4.532	ug/L	100
53) m,p-Xylene	9.066	106	233461	4.666	ug/L	99
54) o-Xylene	9.471	106	225679	4.556	ug/L	97
55) Styrene	9.490	104	385023	4.585	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	111168	4.314	ug/L	98
59) Bromoform	9.661	173	48280	4.103	ug/L	100
60) Isopropylbenzene	9.860	105	622549	4.624	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	77476	4.233	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	499217	4.676	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	508084	4.738	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	291438	4.579	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	289727	4.439	ug/L	96
67) 1,2-Dichlorobenzene	11.571	146	263513	4.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	15286	4.027	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	207876	4.580	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	177248	4.744	ug/L	98
71) Naphthalene	13.435	128	265350	4.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	147236	4.762	ug/L	96

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

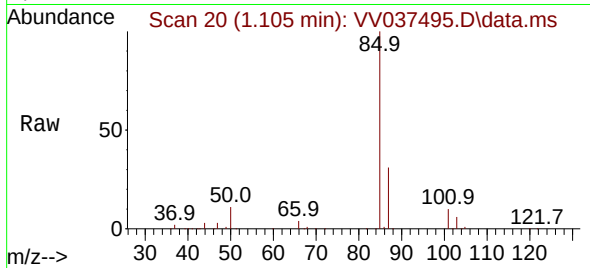
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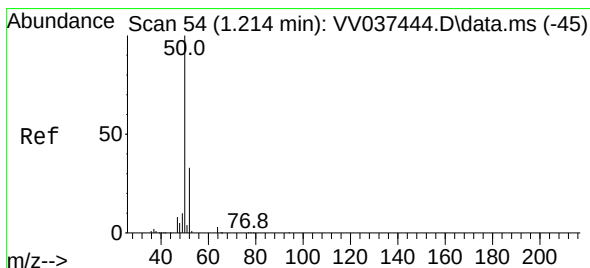
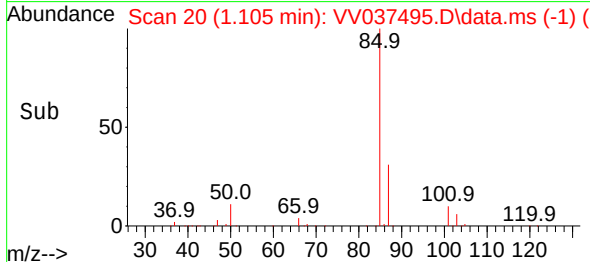
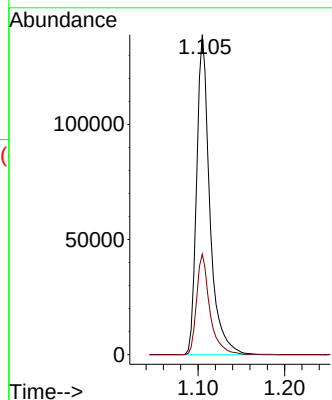


#2
 Dichlorodifluoromethane
 Concen: 3.979 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037495.D
 Acq: 24 Sep 2024 09:45

Instrument :
 MSVOA_V
 ClientSampleId :

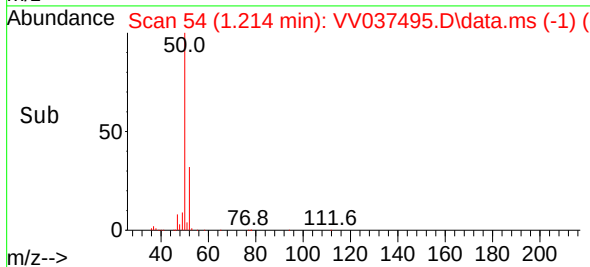
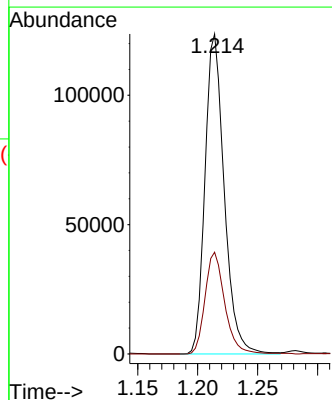
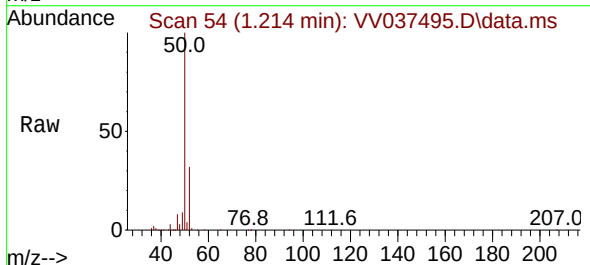


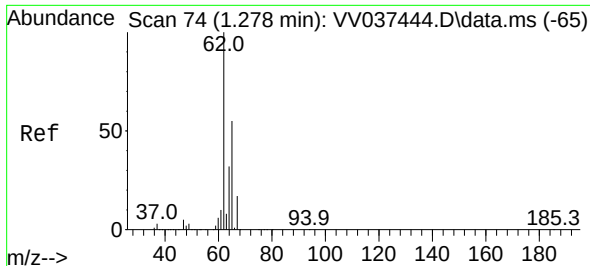
Tgt Ion: 85 Resp: 146701
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.8



#3
 Chloromethane
 Concen: 3.511 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037495.D
 Acq: 24 Sep 2024 09:45

Tgt Ion: 50 Resp: 138139
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.3 43.3

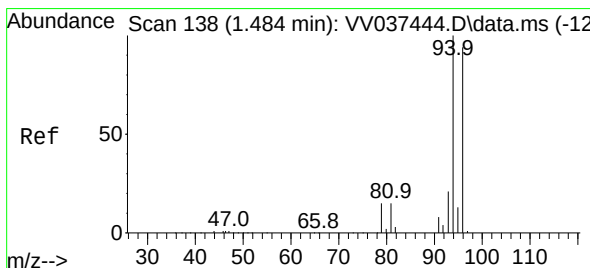
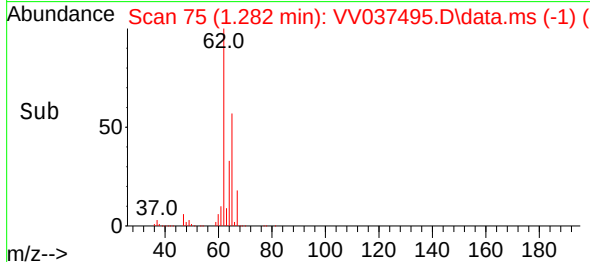
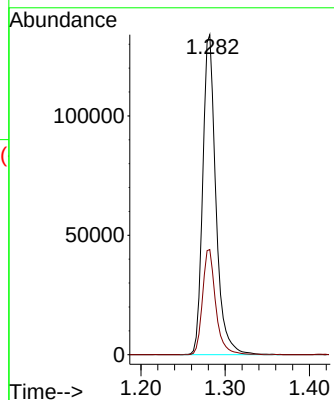
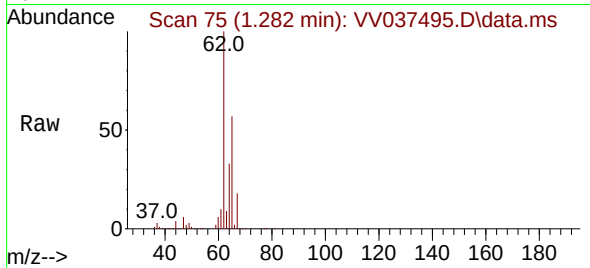




#5
 Vinyl chloride
 Concen: 3.779 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV037495.D
 Acq: 24 Sep 2024 09:45

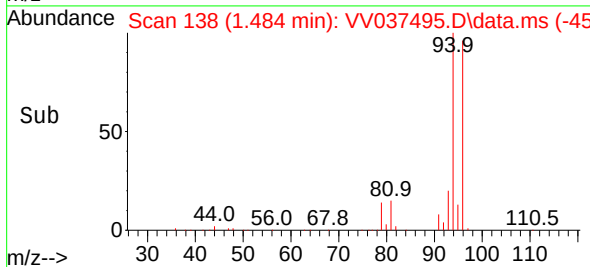
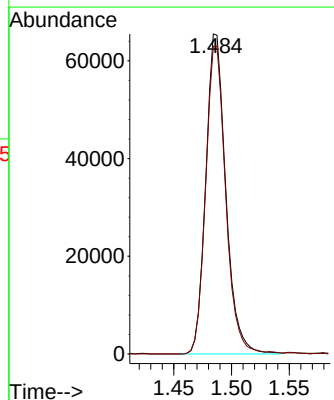
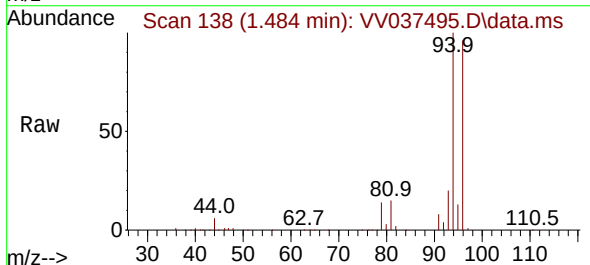
Instrument :
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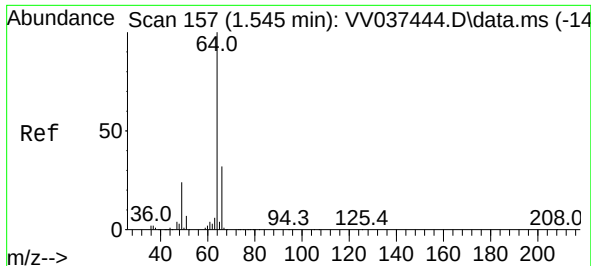
Tgt Ion: 62 Resp: 146109
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.4 41.6



#6
 Bromomethane
 Concen: 3.412 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV037495.D
 Acq: 24 Sep 2024 09:45

Tgt Ion: 94 Resp: 79138
 Ion Ratio Lower Upper
 94 100
 96 96.2 65.3 121.3

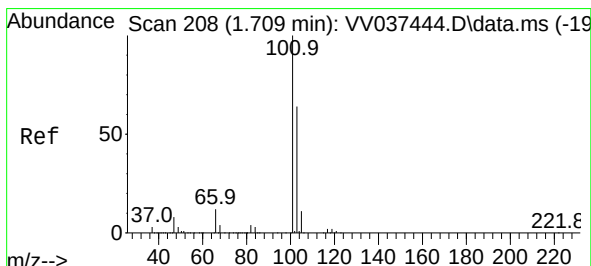
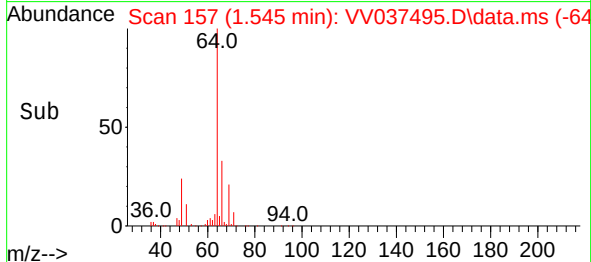
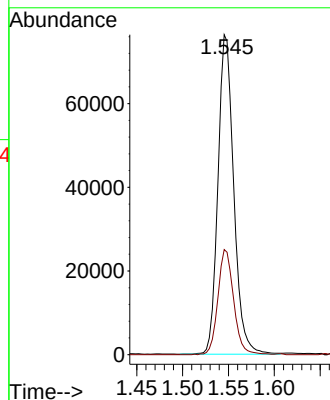
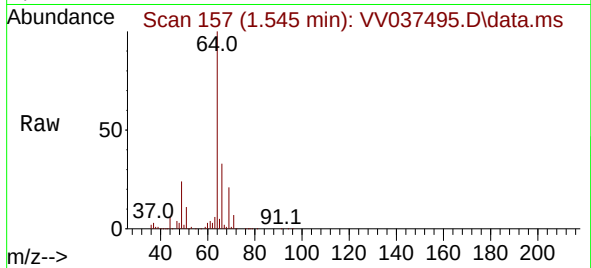




#8
Chloroethane
Concen: 3.934 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

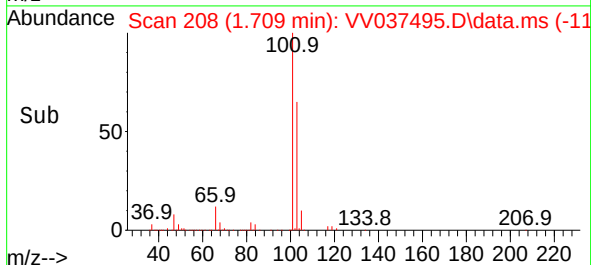
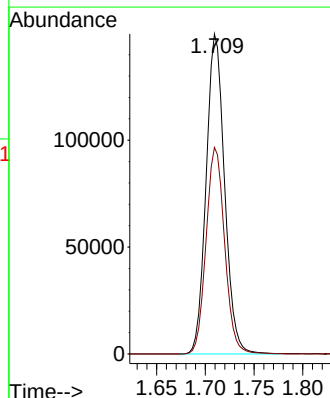
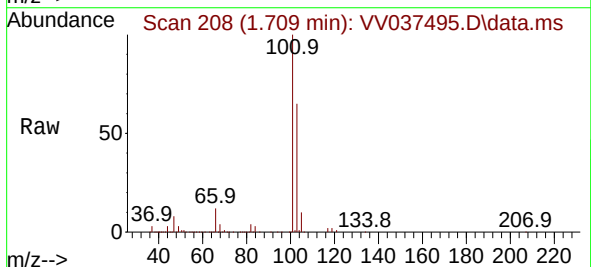
Instrument :
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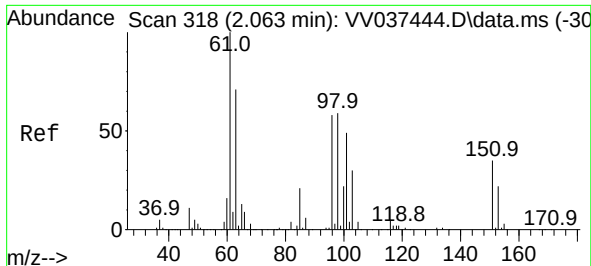
Tgt Ion: 64 Resp: 91473
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.100 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion:101 Resp: 197179
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.144 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

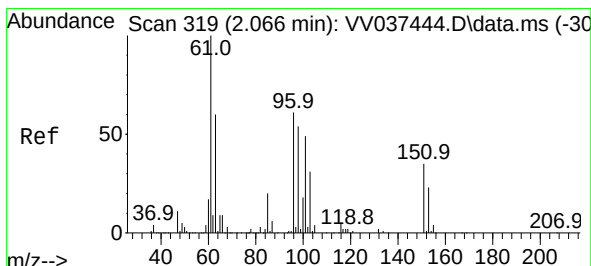
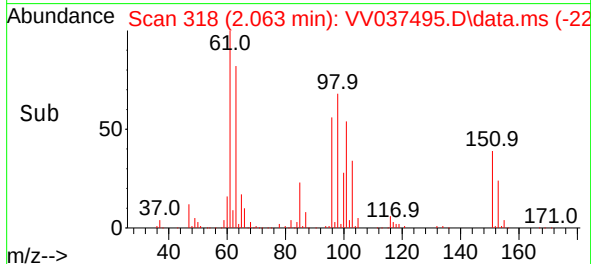
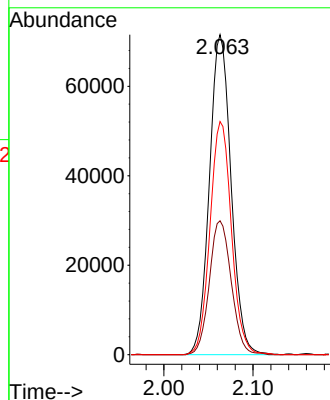
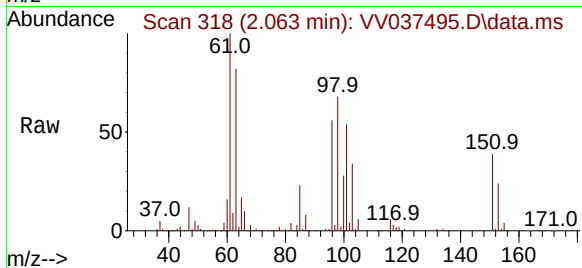
Tgt Ion:101 Resp: 120709

Ion Ratio Lower Upper

101 100

85 42.3 35.1 52.7

151 72.2 55.3 82.9



#12

1,1-Dichloroethene

Concen: 3.918 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

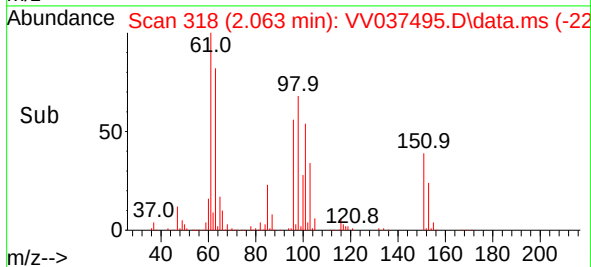
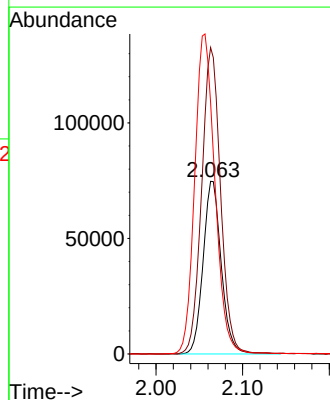
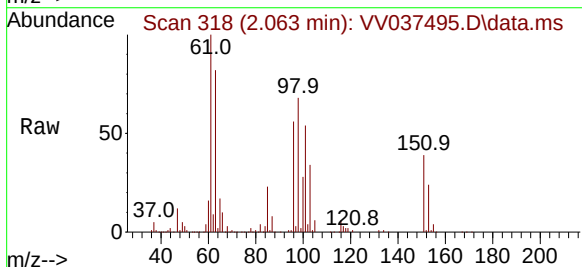
Tgt Ion: 96 Resp: 108986

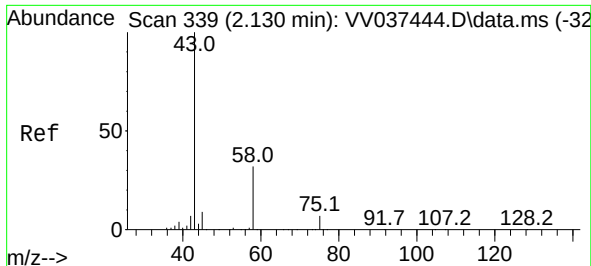
Ion Ratio Lower Upper

96 100

61 177.5 119.9 222.7

63 145.7 81.4 151.2





#13

Acetone

Concen: 37.895 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.013 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

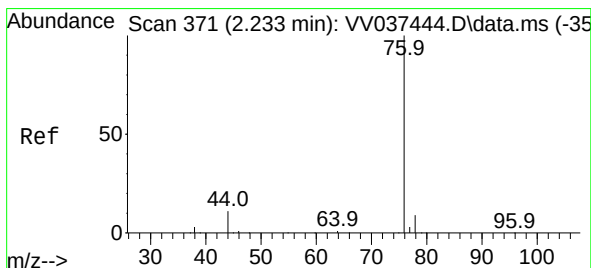
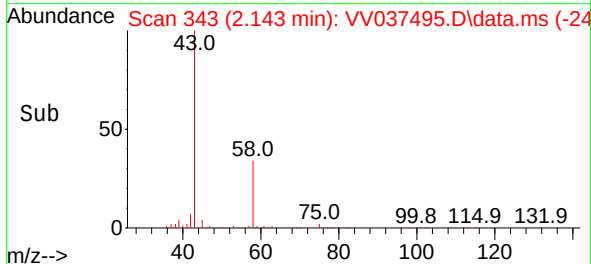
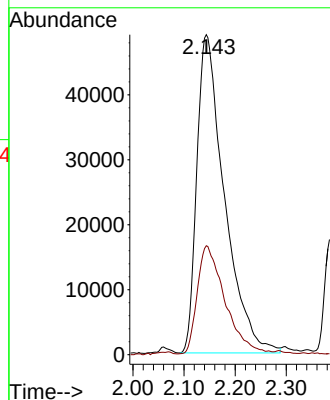
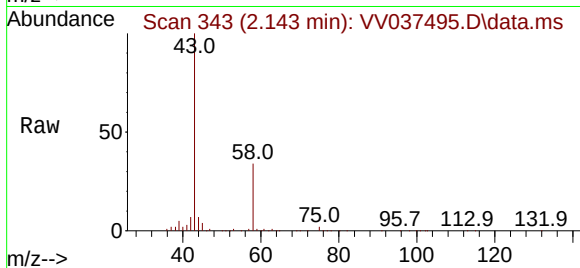
ClientSampleId :

Tgt Ion: 43 Resp: 183618

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.2



#14

Carbon disulfide

Concen: 3.916 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV037495.D

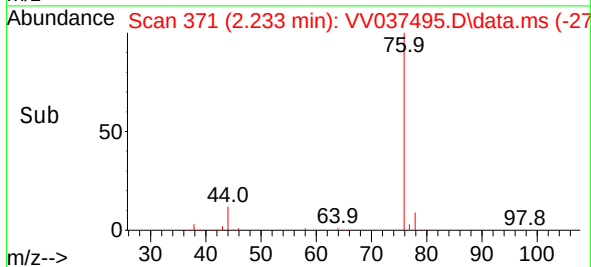
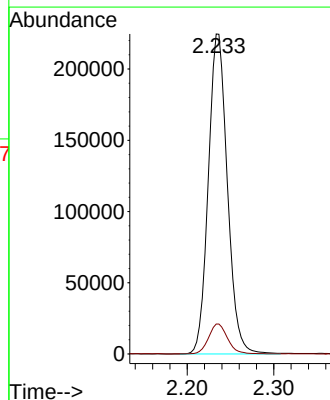
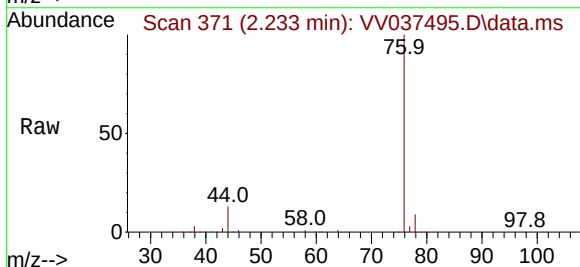
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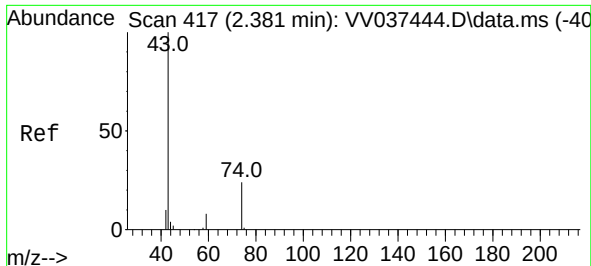
Tgt Ion: 76 Resp: 343421

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 3.812 ug/L

RT: 2.388 min Scan# 417

Delta R.T. 0.007 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

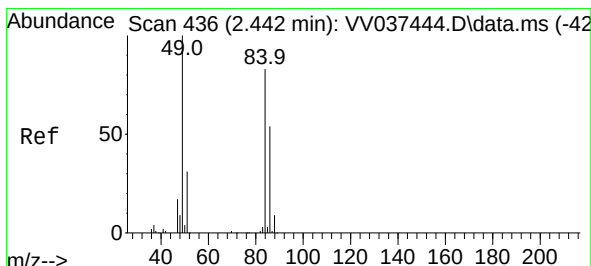
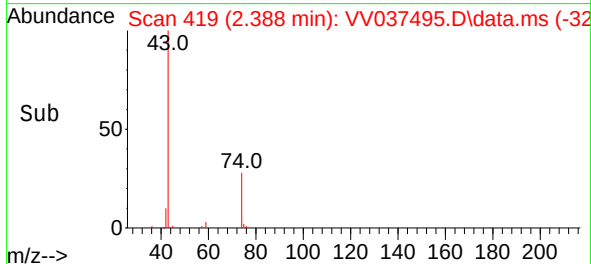
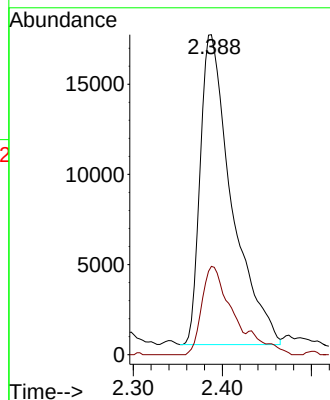
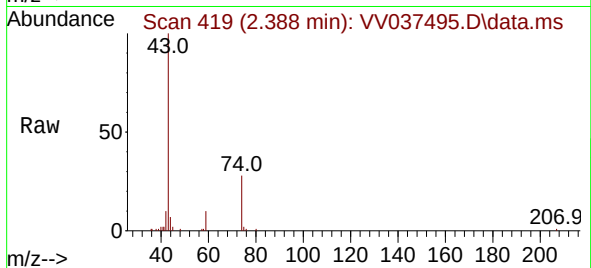
ClientSampleId :

Tgt Ion: 43 Resp: 42307

Ion Ratio Lower Upper

43 100

74 24.9 21.0 31.4



#16

Methylene chloride

Concen: 4.050 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

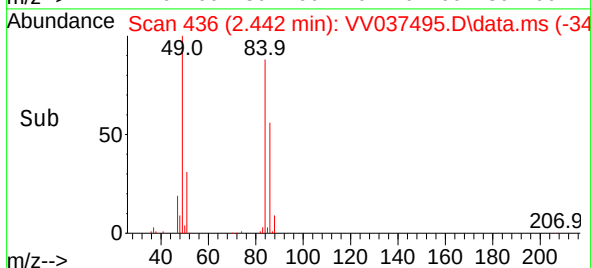
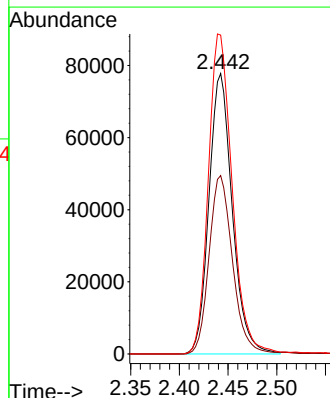
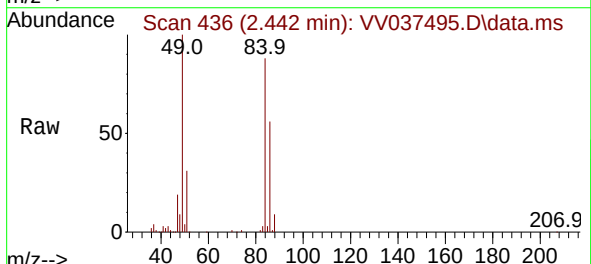
Tgt Ion: 84 Resp: 129511

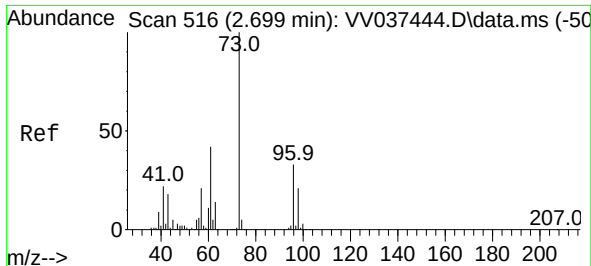
Ion Ratio Lower Upper

84 100

86 63.6 44.0 81.8

49 113.7 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 4.481 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

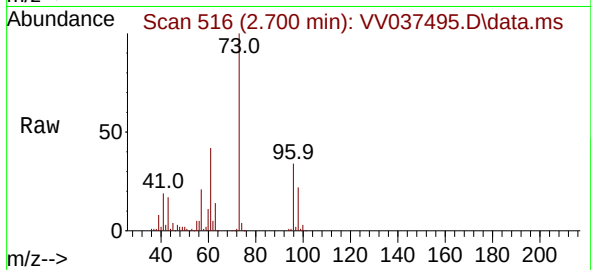
Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



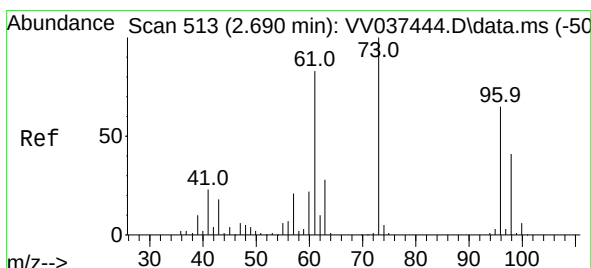
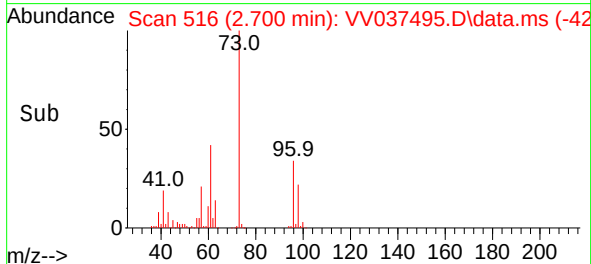
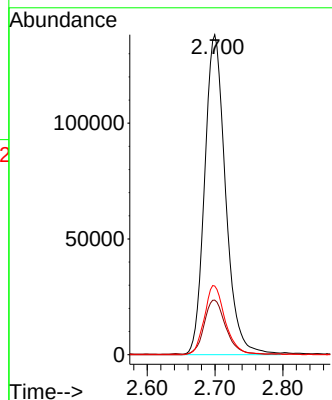
Tgt Ion: 73 Resp: 296286

Ion Ratio Lower Upper

73 100

43 17.2 14.5 21.7

57 21.6 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 4.346 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

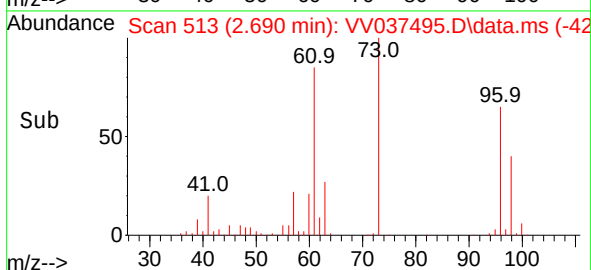
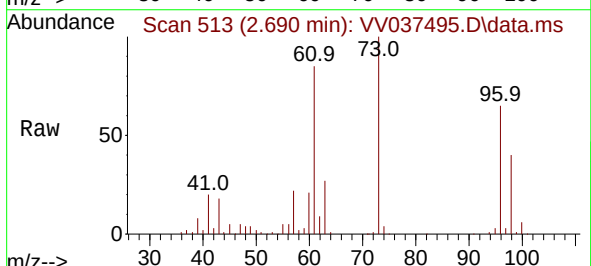
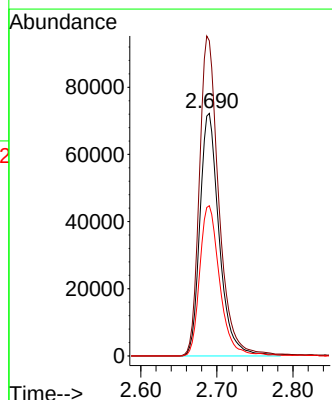
Tgt Ion: 96 Resp: 127182

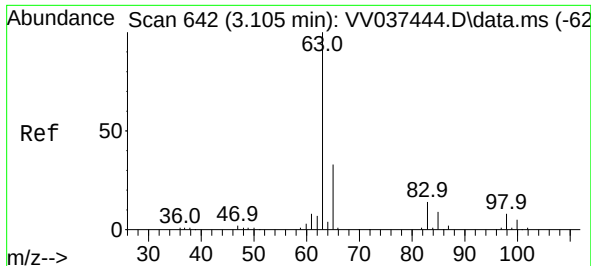
Ion Ratio Lower Upper

96 100

61 129.9 92.8 172.4

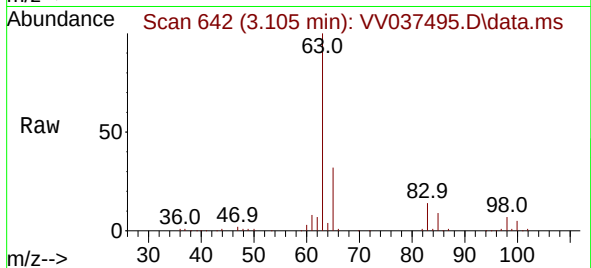
98 61.9 43.0 79.8



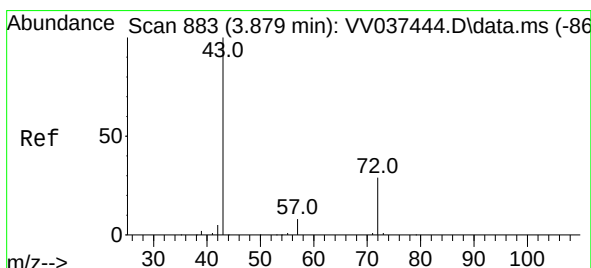
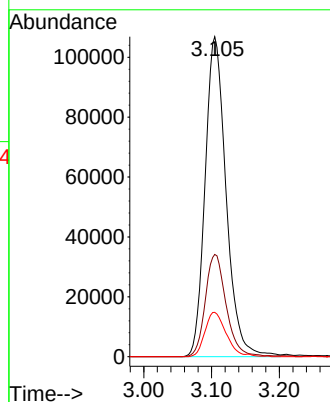
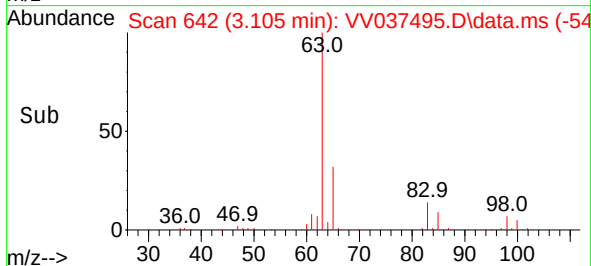


#19
1,1-Dichloroethane
Concen: 4.124 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Instrument :
MSVOA_V
ClientSampleId :

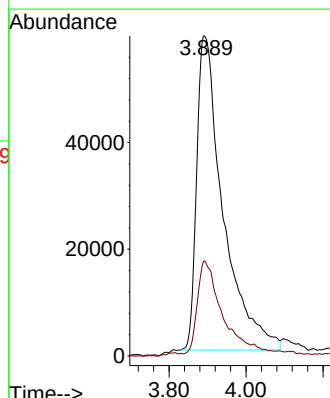
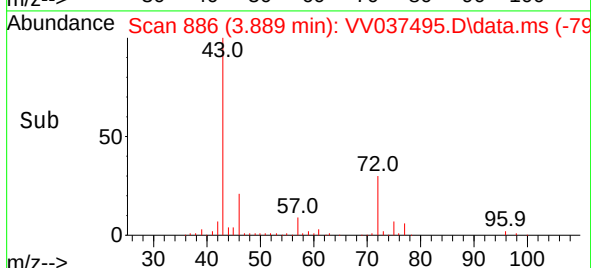
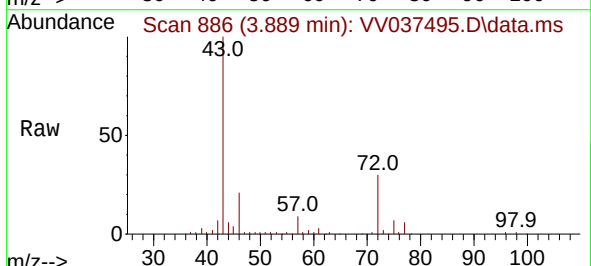


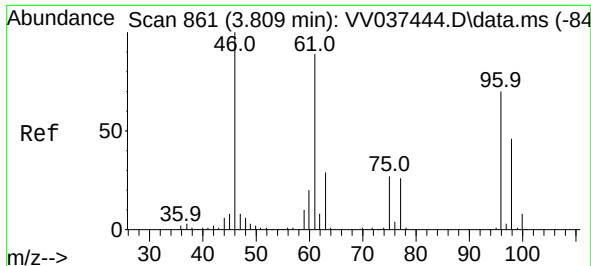
Tgt Ion: 63 Resp: 230451
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 13.9 8.9 16.5



#21
2-Butanone
Concen: 38.016 ug/L
RT: 3.889 min Scan# 886
Delta R.T. 0.010 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion: 43 Resp: 279963
Ion Ratio Lower Upper
43 100
72 26.5 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 4.348 ug/L

RT: 3.806 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

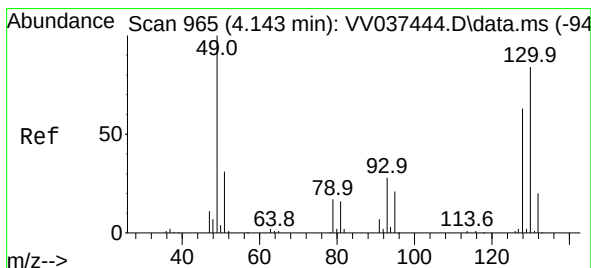
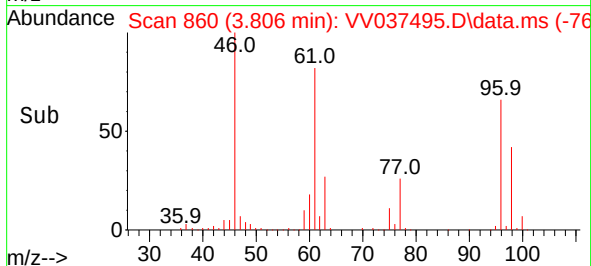
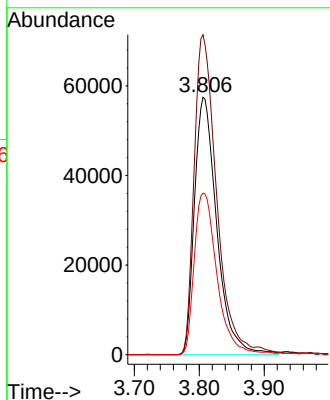
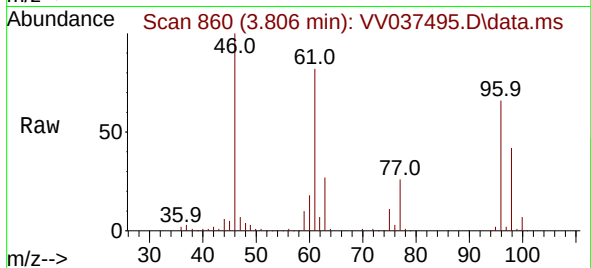
Tgt Ion: 96 Resp: 137554

Ion Ratio Lower Upper

96 100

61 124.3 87.6 162.6

98 62.8 44.9 83.5



#23

Bromochloromethane

Concen: 4.185 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Tgt Ion: 128 Resp: 57344

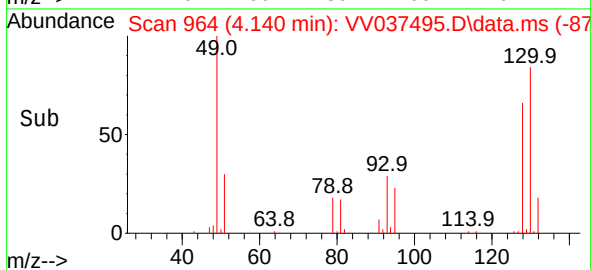
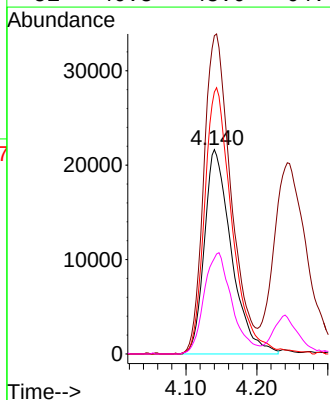
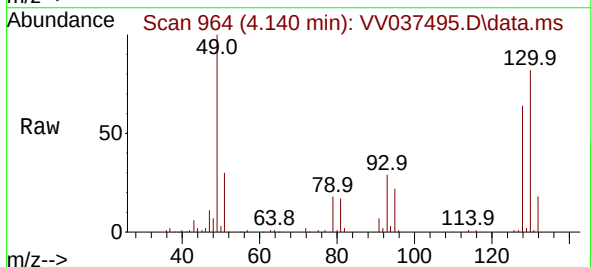
Ion Ratio Lower Upper

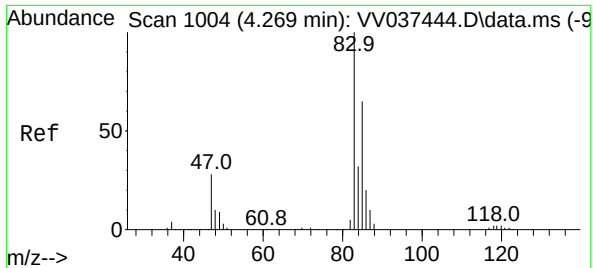
128 100

49 155.8 114.0 211.8

130 128.2 89.3 165.9

51 46.8 43.0 64.4





#25

Chloroform

Concen: 4.262 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

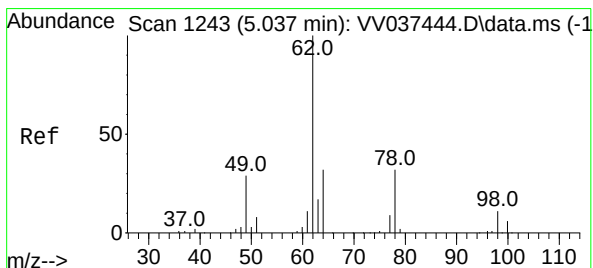
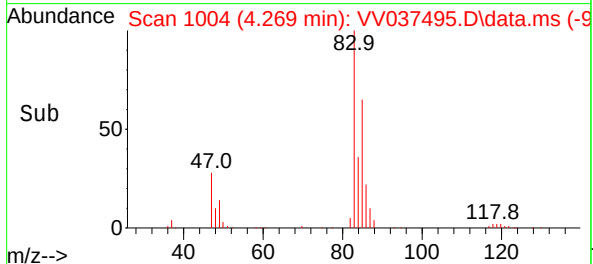
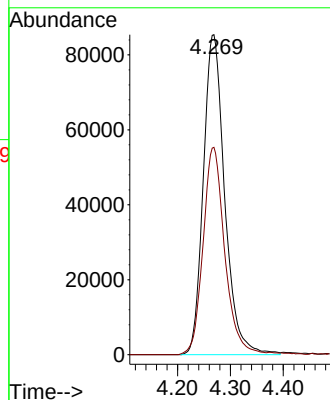
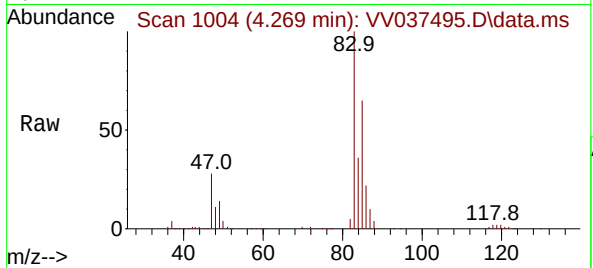
ClientSampleId :

Tgt Ion: 83 Resp: 239951

Ion Ratio Lower Upper

83 100

85 64.8 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.164 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037495.D

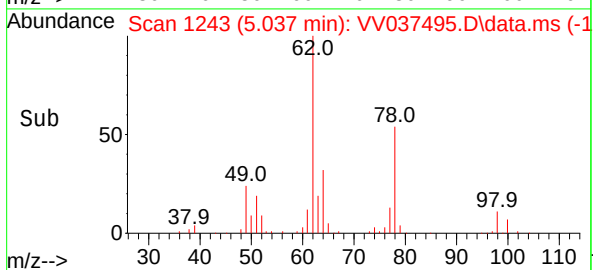
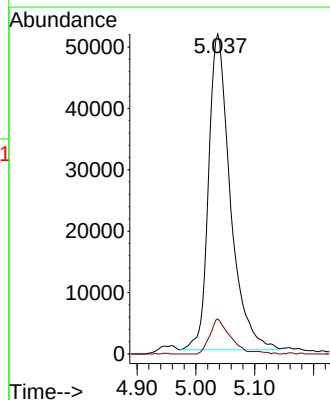
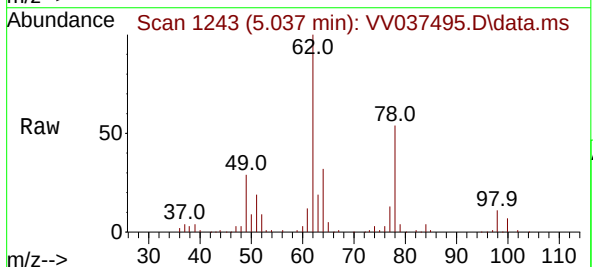
Acq: 24 Sep 2024 09:45

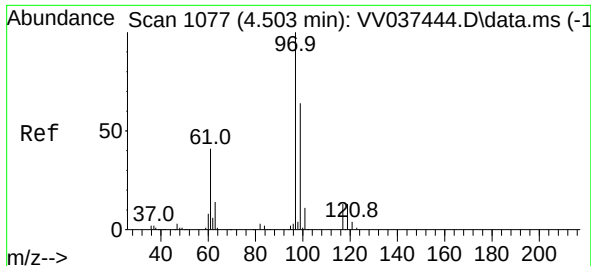
Tgt Ion: 62 Resp: 132648

Ion Ratio Lower Upper

62 100

98 11.0 8.2 12.4

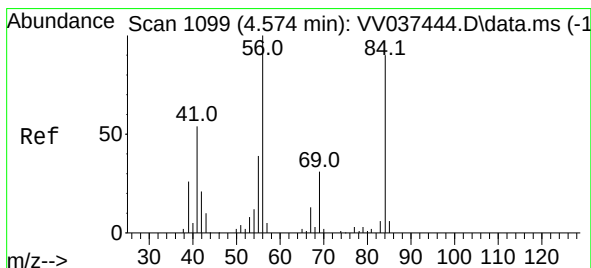
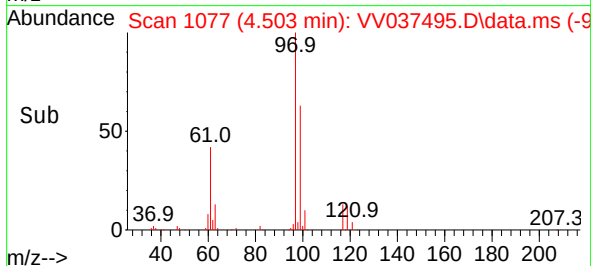
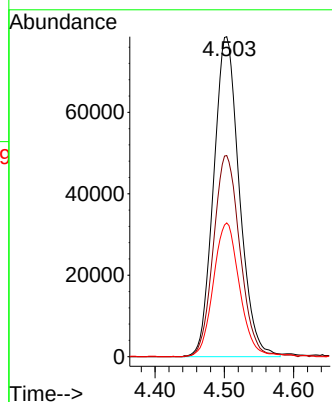
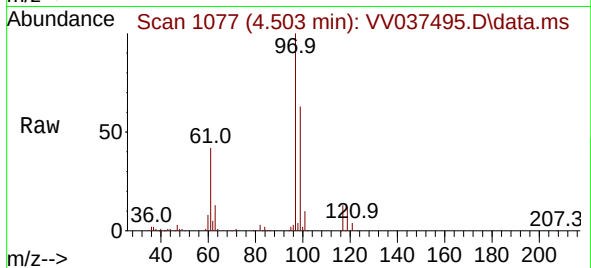




#29
1,1,1-Trichloroethane
Concen: 4.403 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

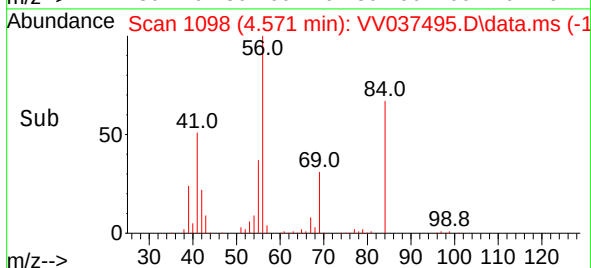
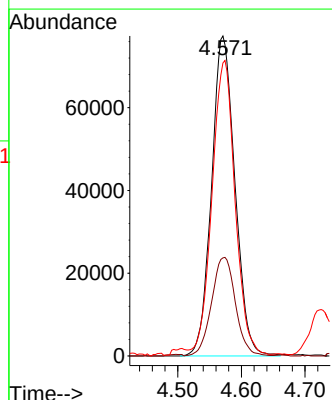
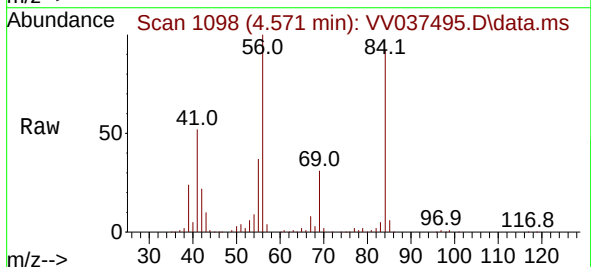
Instrument :
MSVOA_V
ClientSampleId :

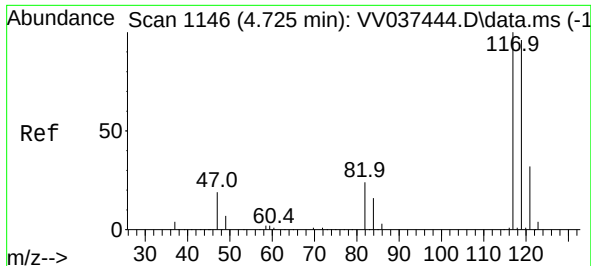
Tgt Ion: 97 Resp: 202981
Ion Ratio Lower Upper
97 100
99 64.9 50.0 75.0
61 42.5 34.3 51.5



#30
Cyclohexane
Concen: 4.421 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

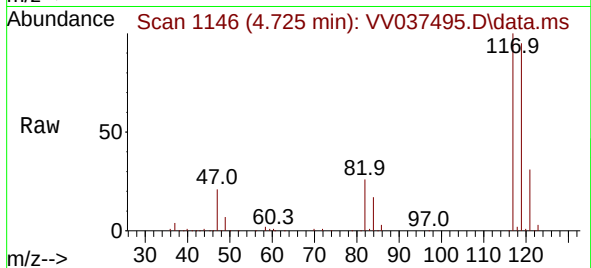
Tgt Ion: 56 Resp: 197694
Ion Ratio Lower Upper
56 100
69 31.0 24.1 36.1
84 90.4 73.1 109.7



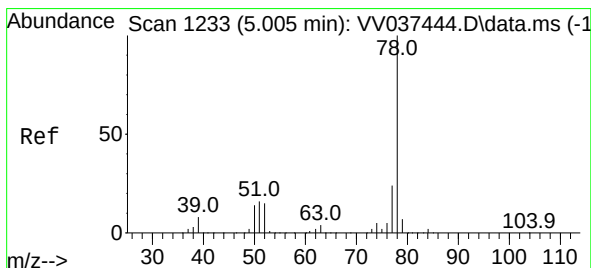
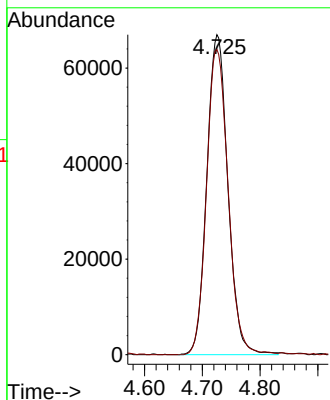
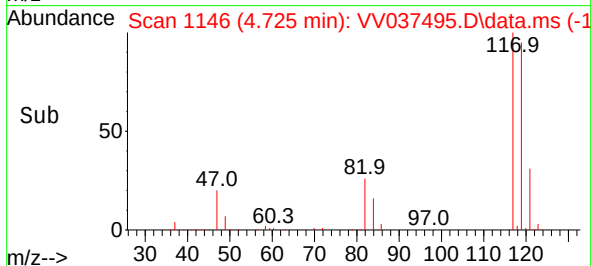


#31
Carbon tetrachloride
Concen: 4.327 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Instrument :
MSVOA_V
ClientSampleId :

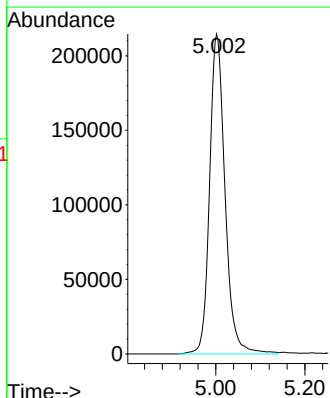
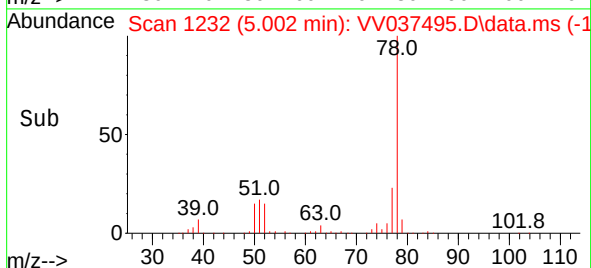
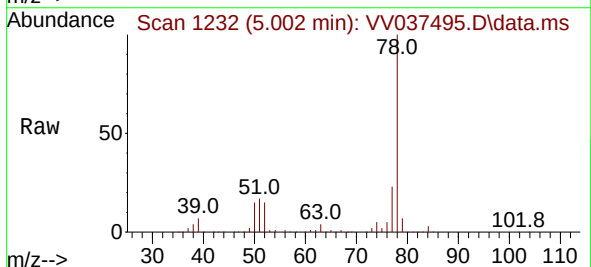


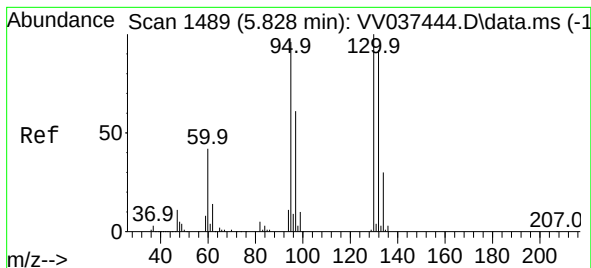
Tgt Ion:117 Resp: 169769
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4



#33
Benzene
Concen: 4.397 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion: 78 Resp: 515072





#34

Trichloroethene

Concen: 4.440 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

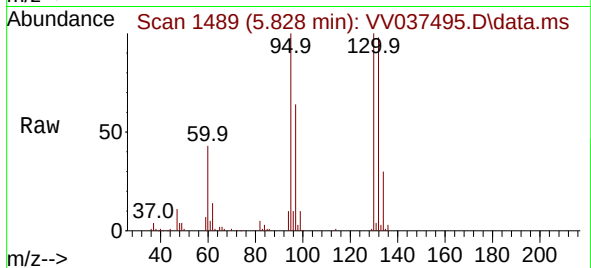
Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 140151

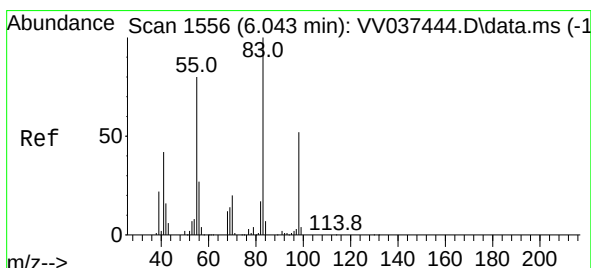
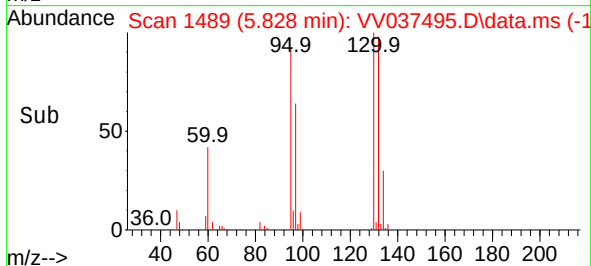
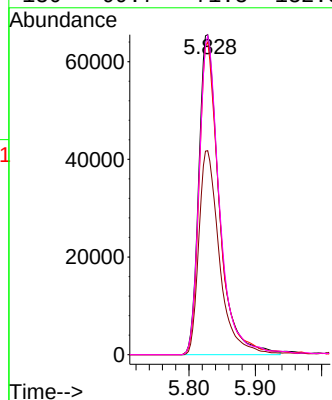
Ion Ratio Lower Upper

95 100

97 63.7 46.5 86.5

132 97.7 65.5 121.7

130 99.7 71.3 132.3



#35

Methylcyclohexane

Concen: 4.545 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

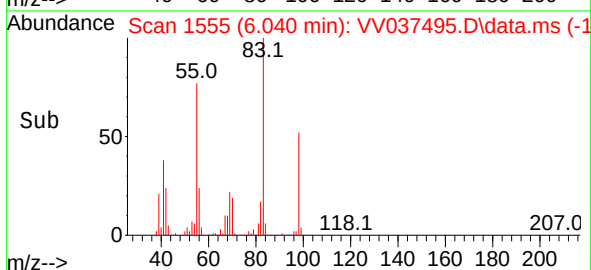
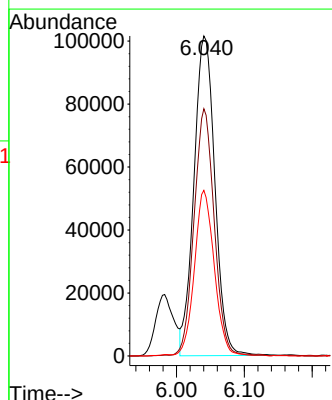
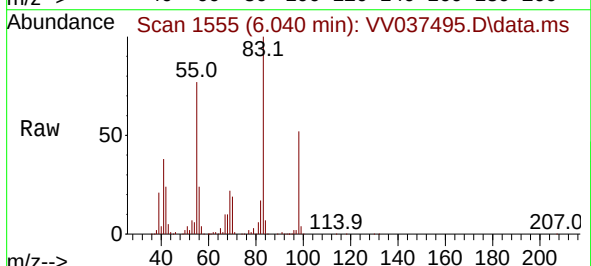
Tgt Ion: 83 Resp: 218109

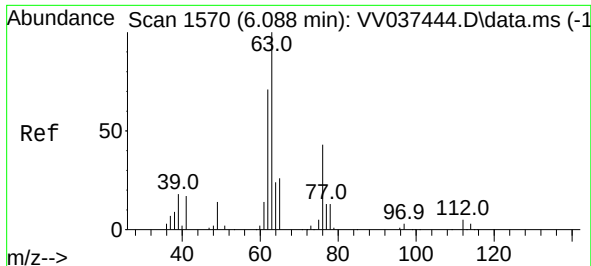
Ion Ratio Lower Upper

83 100

55 74.8 60.3 90.5

98 48.5 38.2 57.4

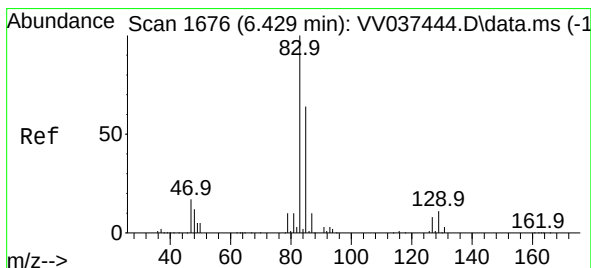
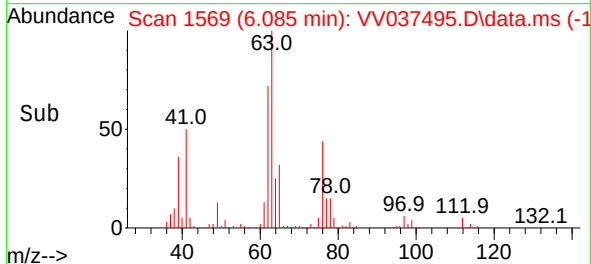
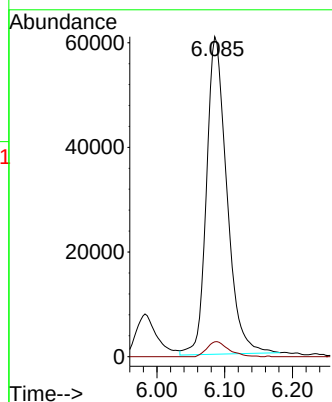
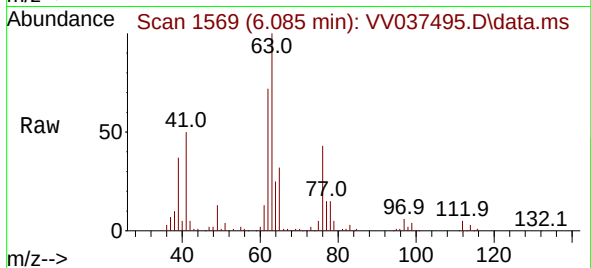




#37
1,2-Dichloropropane
Concen: 4.244 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

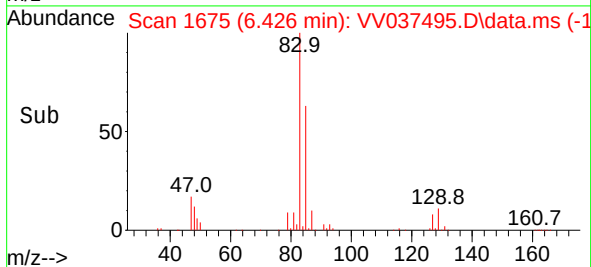
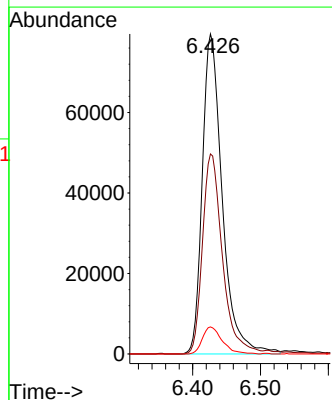
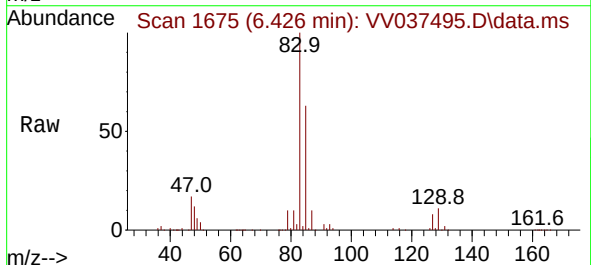
Instrument :
MSVOA_V
ClientSampleId :

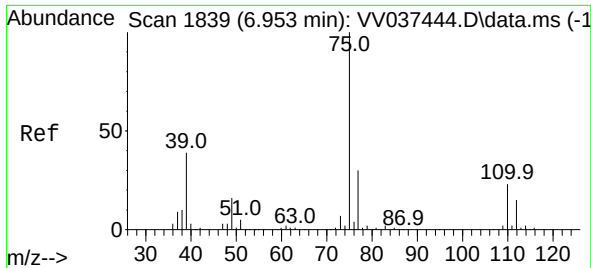
Tgt Ion: 63 Resp: 126481
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5



#38
Bromodichloromethane
Concen: 4.364 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion: 83 Resp: 162823
Ion Ratio Lower Upper
83 100
85 62.5 43.7 81.1
127 8.4 6.7 10.1

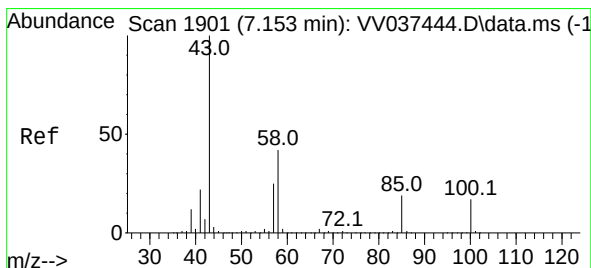
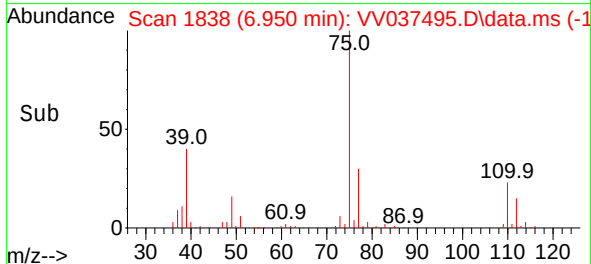
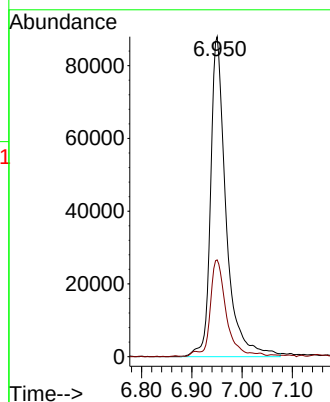
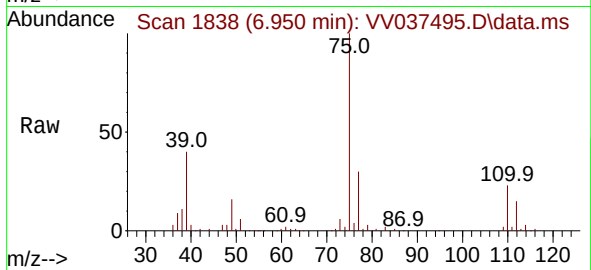




#39
cis-1,3-Dichloropropene
Concen: 4.363 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

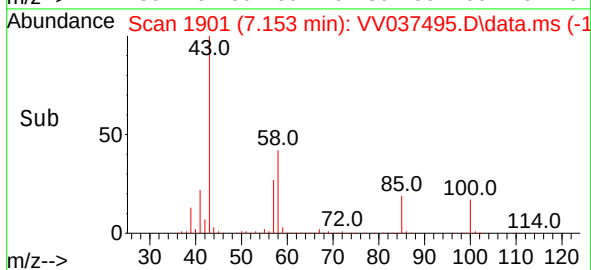
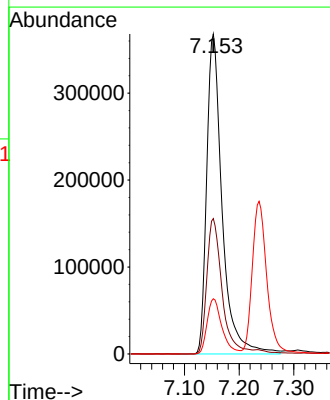
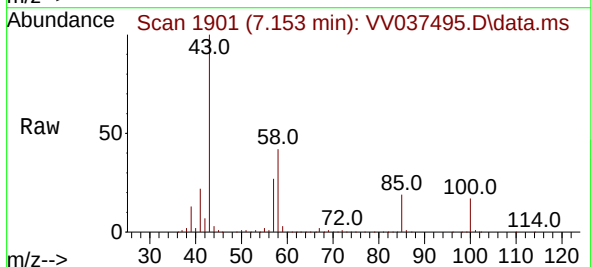
Instrument :
MSVOA_V
ClientSampleId :

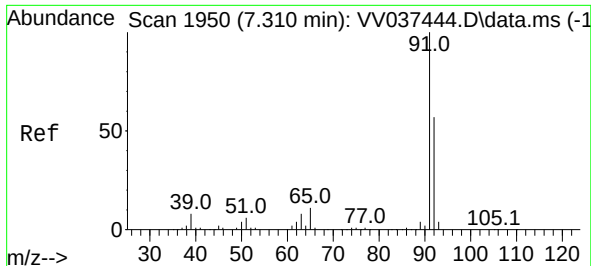
Tgt Ion: 75 Resp: 188354
Ion Ratio Lower Upper
75 100
77 30.3 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 42.183 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion: 43 Resp: 719725
Ion Ratio Lower Upper
43 100
58 41.7 31.7 47.5
100 16.6 12.6 19.0





#42

Toluene

Concen: 4.509 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

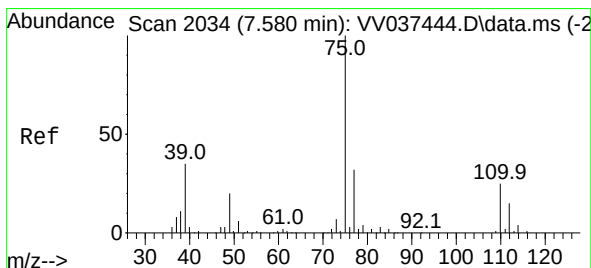
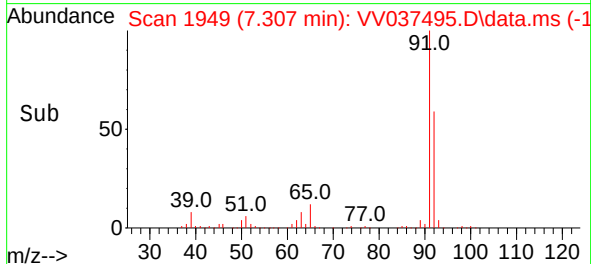
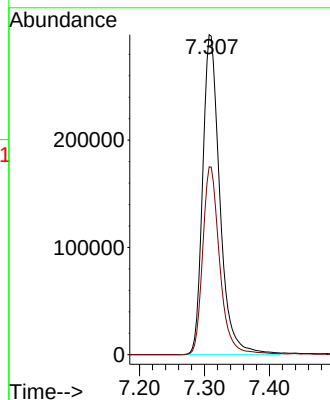
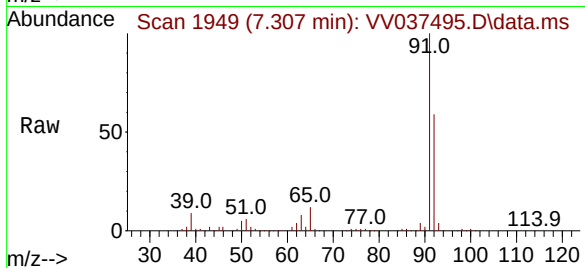
ClientSampleId :

Tgt Ion: 91 Resp: 549478

Ion Ratio Lower Upper

91 100

92 58.7 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.240 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037495.D

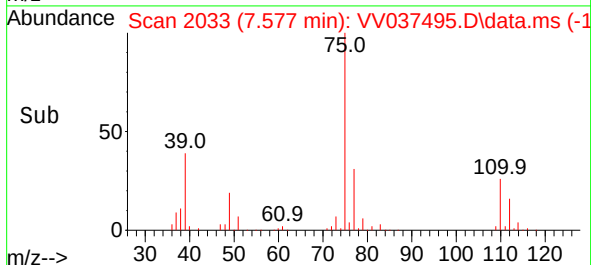
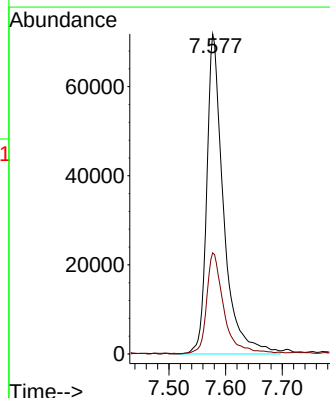
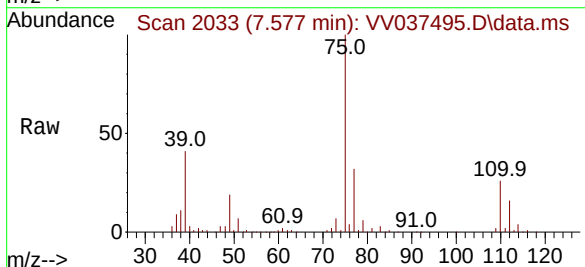
Acq: 24 Sep 2024 09:45

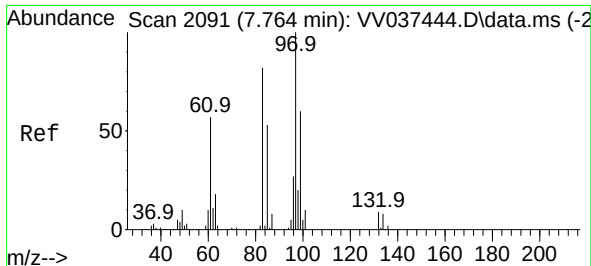
Tgt Ion: 75 Resp: 147718

Ion Ratio Lower Upper

75 100

77 31.6 20.9 38.9

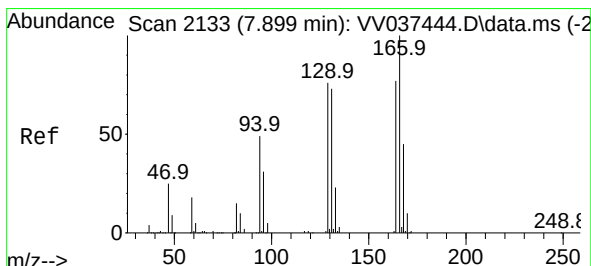
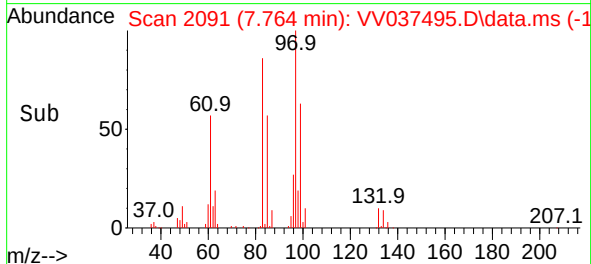
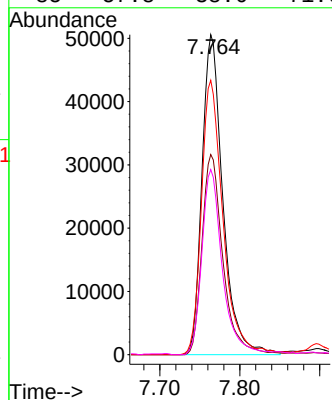
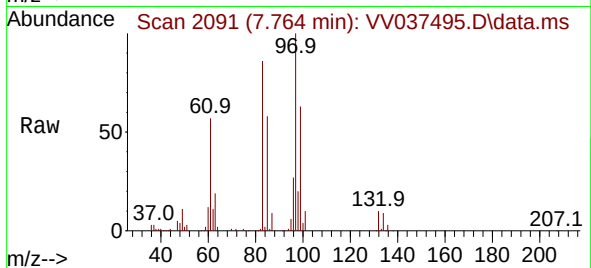




#45
1,1,2-Trichloroethane
Concen: 4.314 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

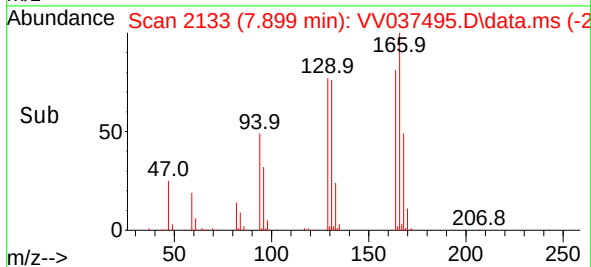
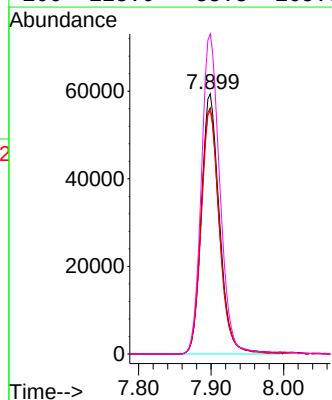
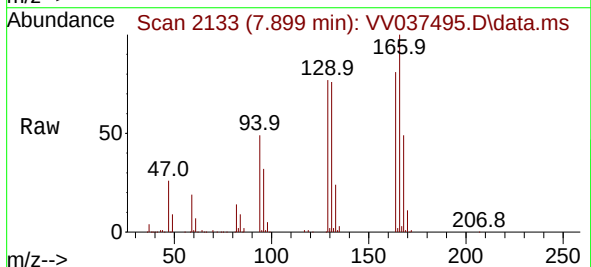
Instrument :
MSVOA_V
ClientSampleId :

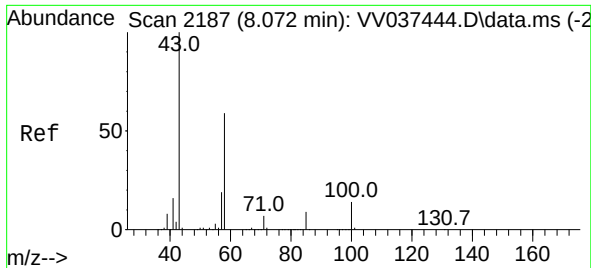
Tgt Ion: 97	Resp: 92018
Ion Ratio	Lower Upper
97 100	
99 62.5	43.1 80.1
83 85.8	61.0 113.4
85 57.8	38.6 71.6



#47
Tetrachloroethene
Concen: 4.559 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt	Ion:164	Resp:	103005
Ion	Ratio	Lower	Upper
164	100		
129	94.6	69.2	128.4
131	93.6	66.6	123.8
166	123.0	88.8	165.0

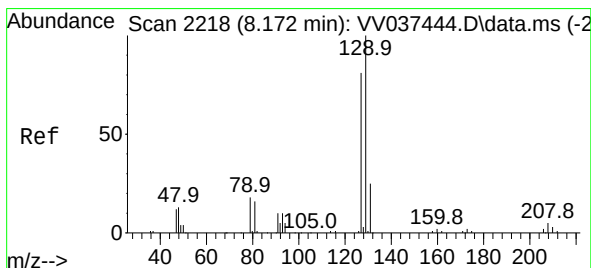
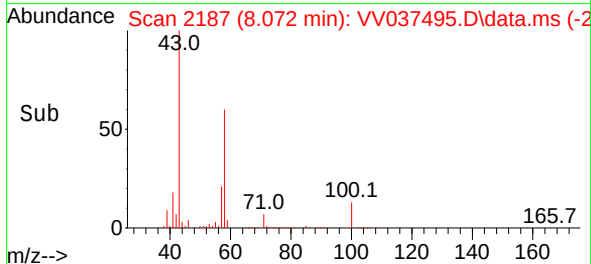
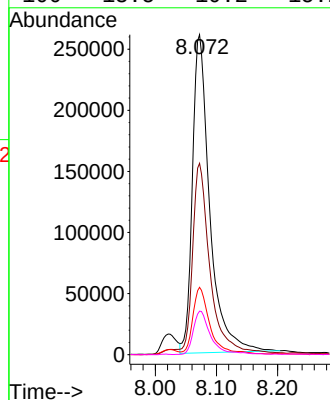
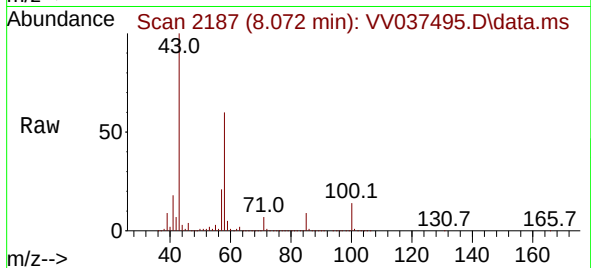




#48
2-Hexanone
Concen: 41.097 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

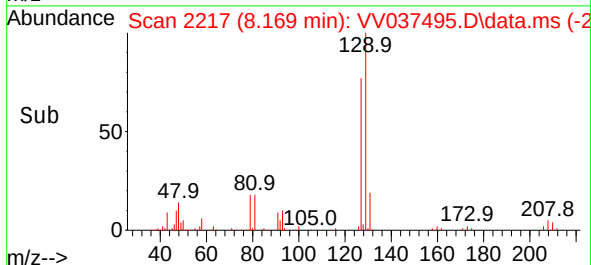
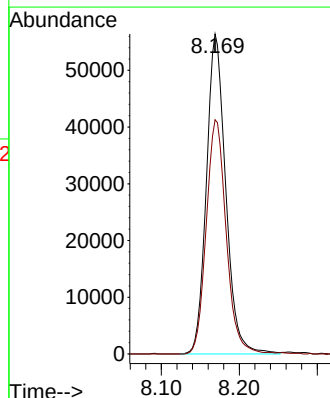
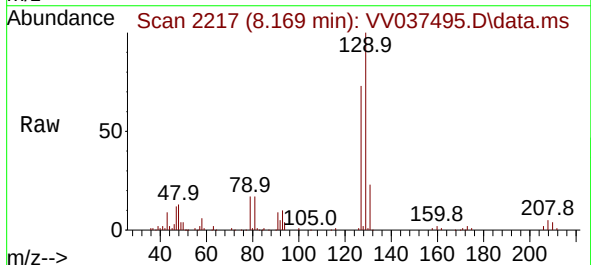
Instrument :
MSVOA_V
ClientSampleId :

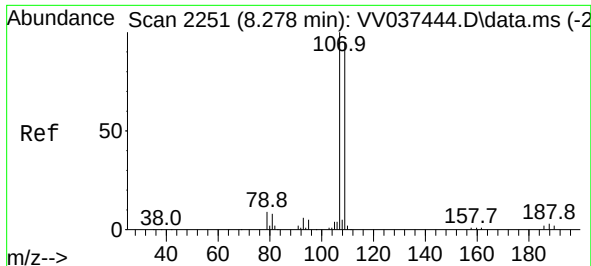
Tgt Ion: 43 Resp: 512516
Ion Ratio Lower Upper
43 100
58 62.8 45.5 68.3
57 20.7 15.3 22.9
100 13.5 10.2 15.2



#49
Dibromochloromethane
Concen: 4.351 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion: 129 Resp: 97225
Ion Ratio Lower Upper
129 100
127 73.2 54.5 101.1

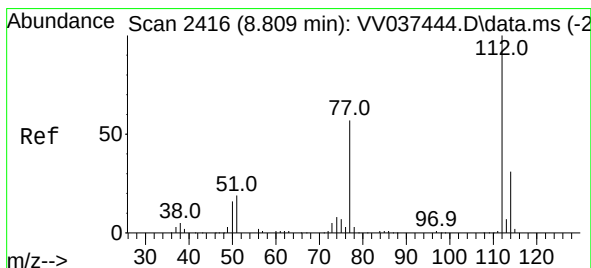
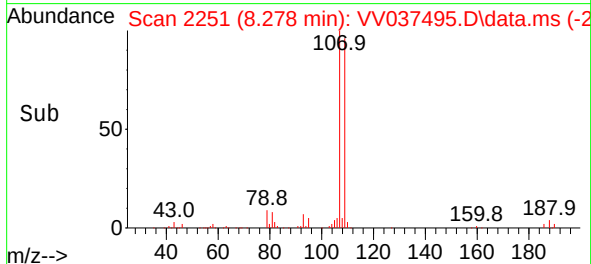
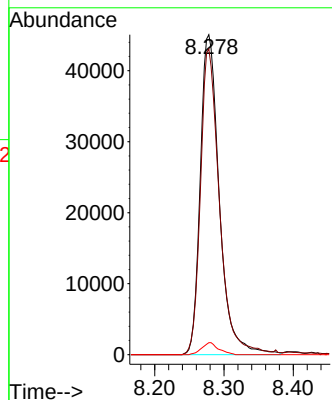
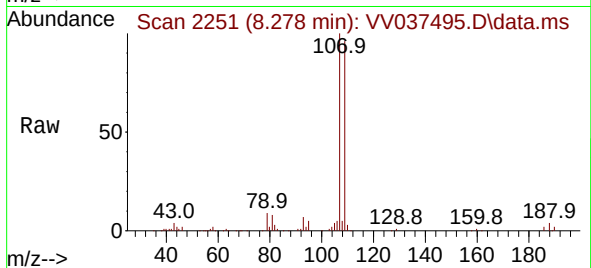




#50
1,2-Dibromoethane
Concen: 4.282 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

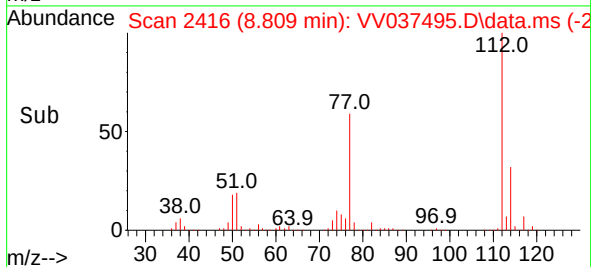
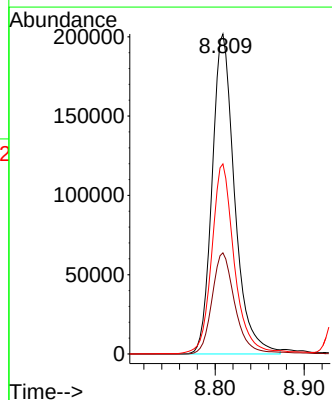
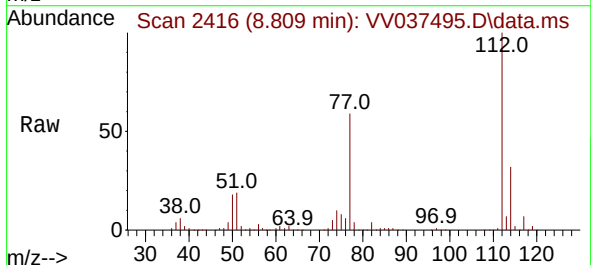
Instrument :
MSVOA_V
ClientSampleId :

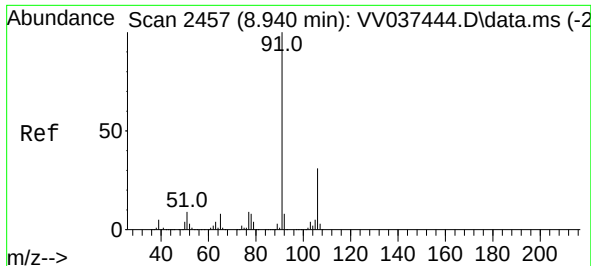
Tgt Ion:107 Resp: 86306
Ion Ratio Lower Upper
107 100
109 95.5 68.1 126.5
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 4.361 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion:112 Resp: 353883
Ion Ratio Lower Upper
112 100
114 31.6 22.6 42.0
77 59.4 47.0 70.6





#52

Ethylbenzene

Concen: 4.532 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

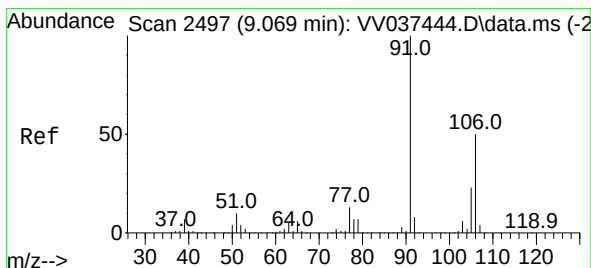
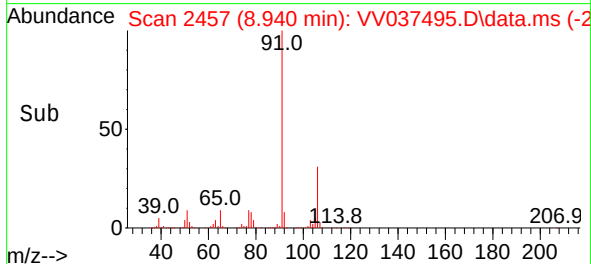
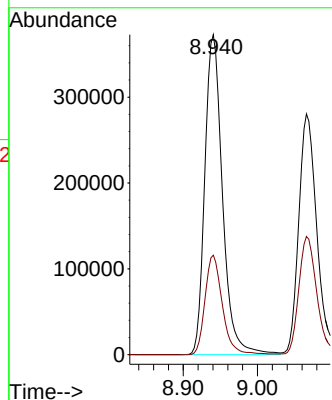
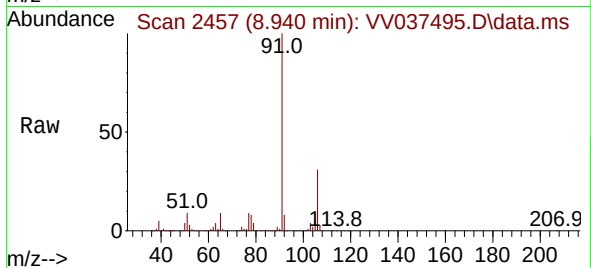
ClientSampleId :

Tgt Ion: 91 Resp: 616371

Ion Ratio Lower Upper

91 100

106 31.1 21.7 40.3



#53

m,p-Xylene

Concen: 4.666 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037495.D

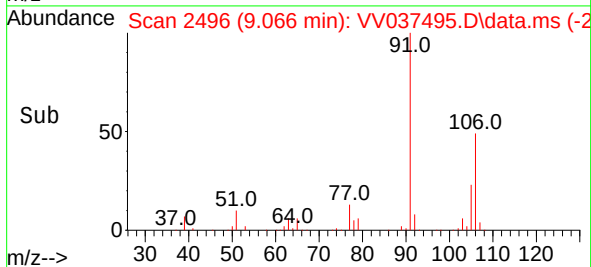
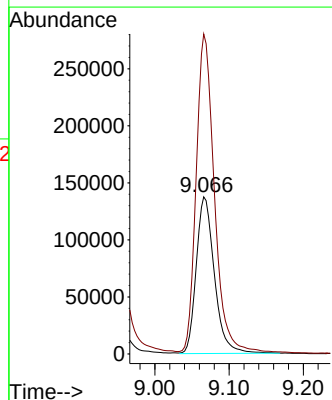
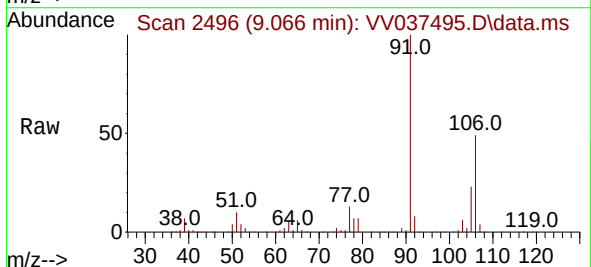
Acq: 24 Sep 2024 09:45

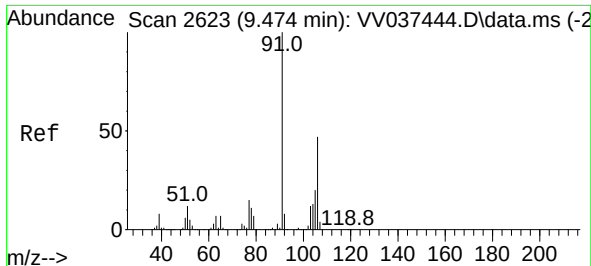
Tgt Ion: 106 Resp: 233461

Ion Ratio Lower Upper

106 100

91 203.6 143.3 266.1

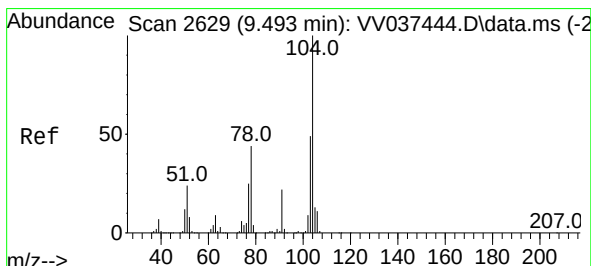
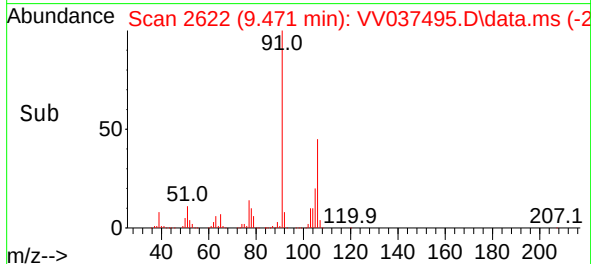
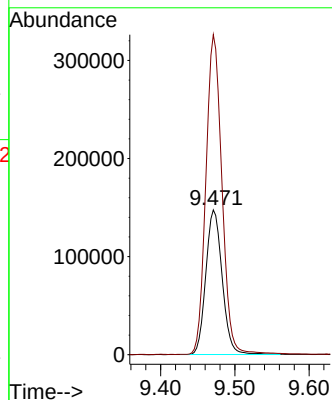
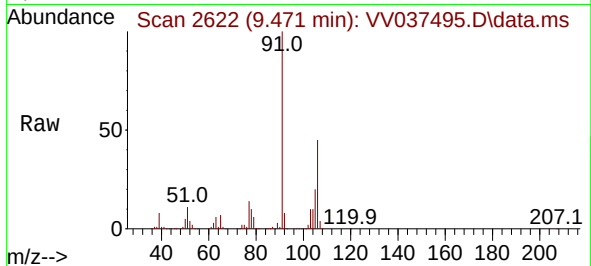




#54
o-Xylene
Concen: 4.556 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

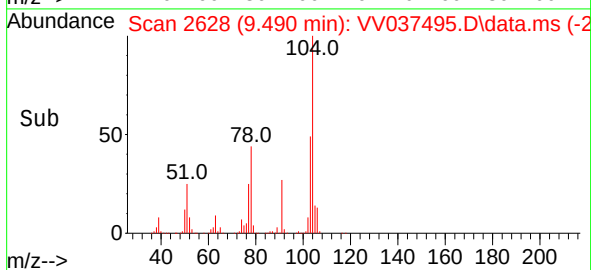
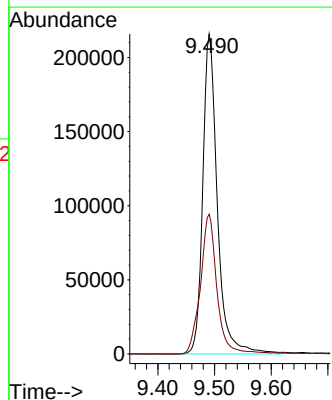
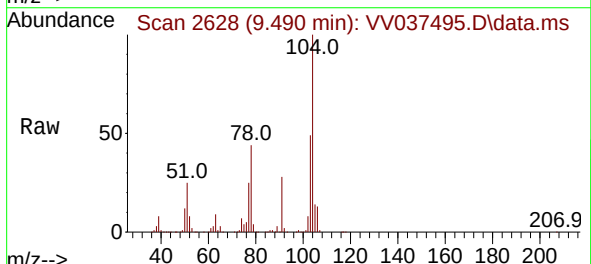
Instrument :
MSVOA_V
ClientSampleId :

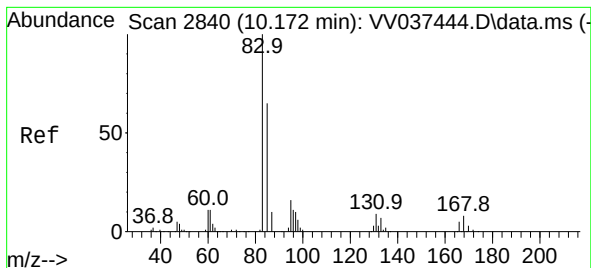
Tgt Ion:106 Resp: 225679
Ion Ratio Lower Upper
106 100
91 221.0 151.8 282.0



#55
Styrene
Concen: 4.585 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion:104 Resp: 385023
Ion Ratio Lower Upper
104 100
78 43.7 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.314 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

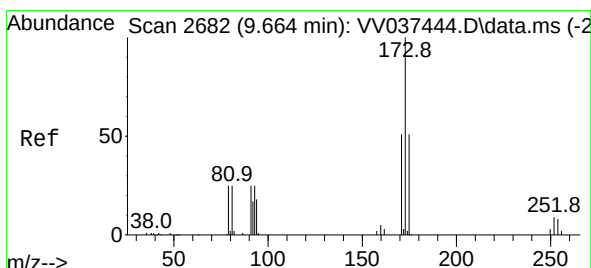
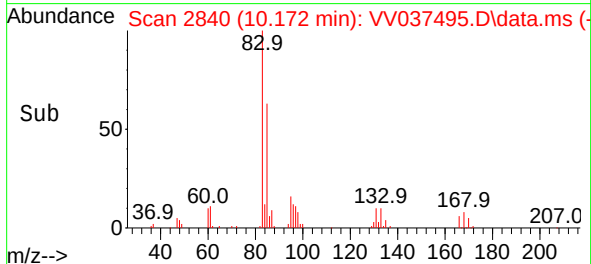
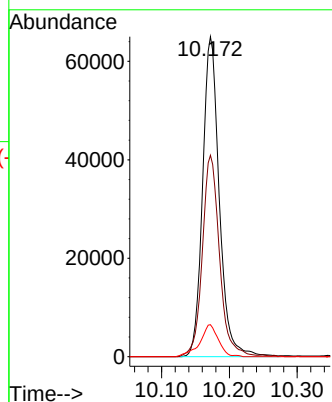
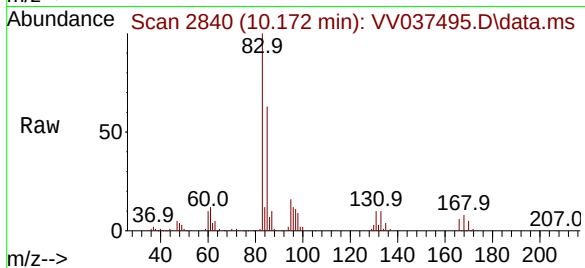
Tgt Ion: 83 Resp: 111168

Ion Ratio Lower Upper

83 100

85 63.0 43.2 80.2

131 10.0 6.9 10.3



#59

Bromoform

Concen: 4.103 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

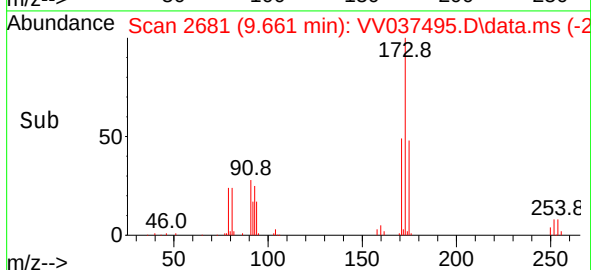
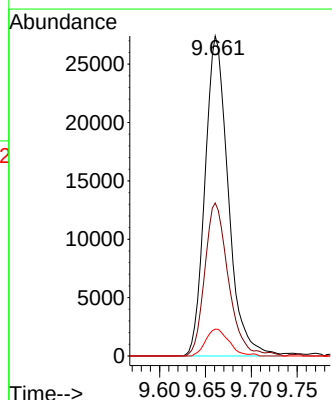
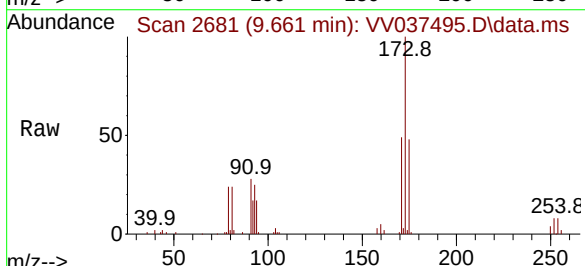
Tgt Ion: 173 Resp: 48280

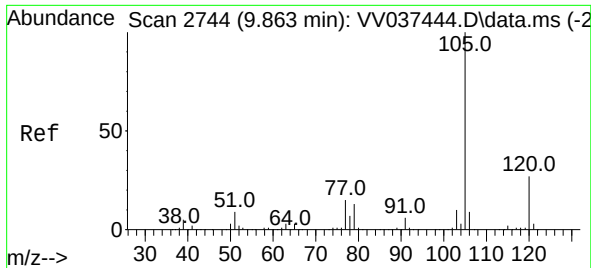
Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

254 8.3 6.8 10.2

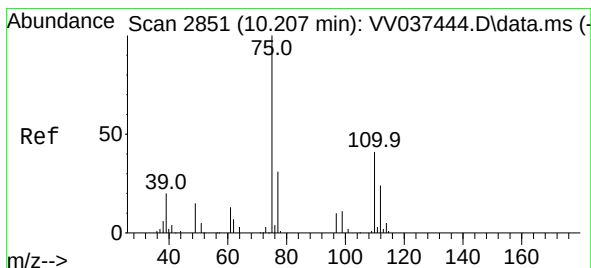
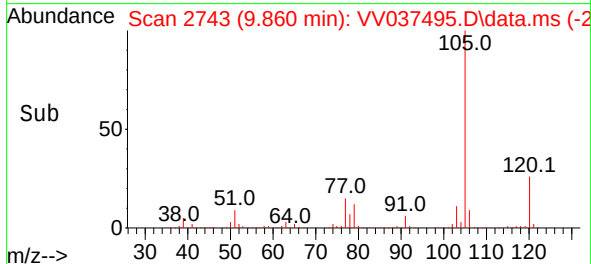
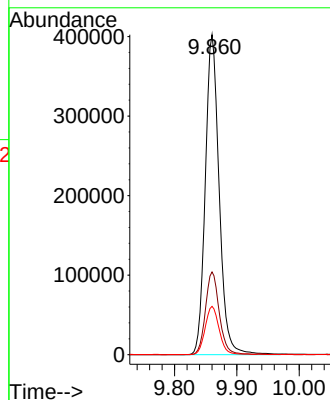
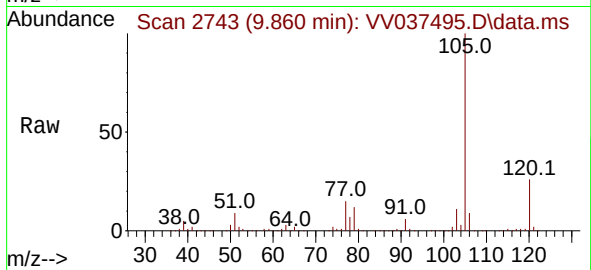




#60
Isopropylbenzene
Concen: 4.624 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

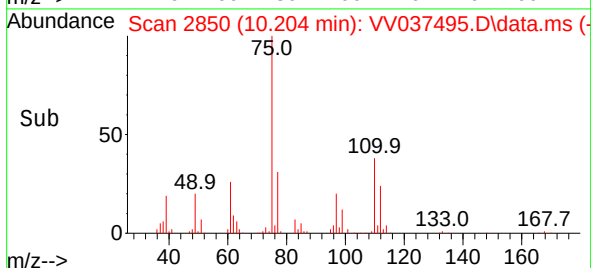
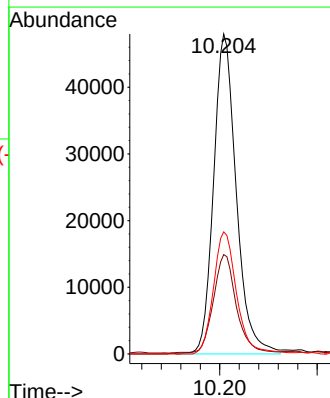
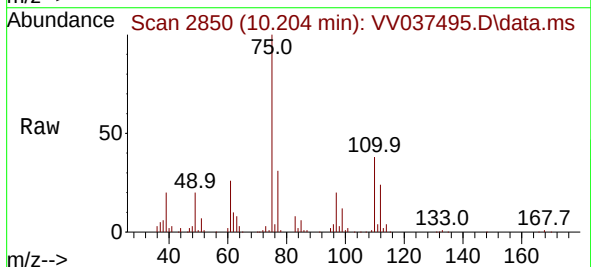
Instrument :
MSVOA_V
ClientSampleId :

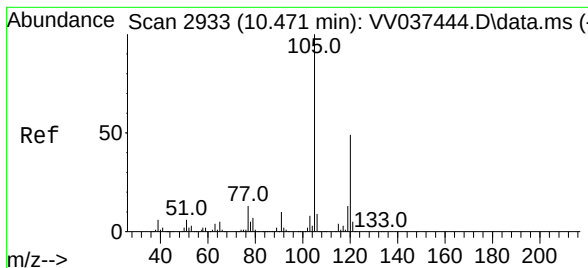
Tgt Ion:105 Resp: 622549
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4
77 15.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.233 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion: 75 Resp: 77476
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
110 39.1 31.0 46.4

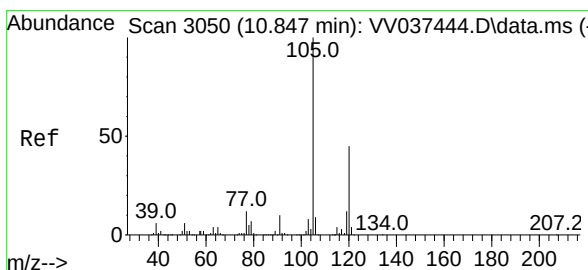
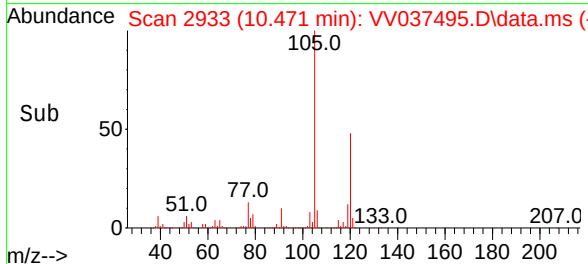
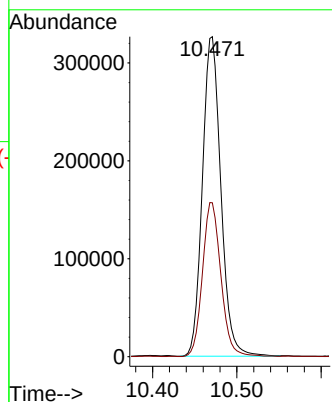
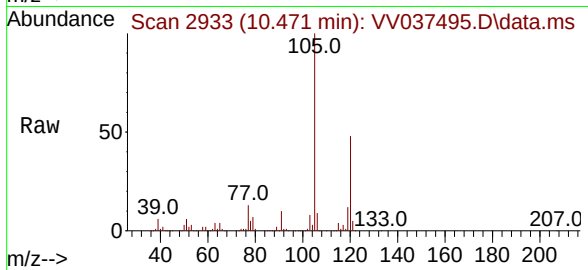




#62
1,3,5-Trimethylbenzene
Concen: 4.676 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

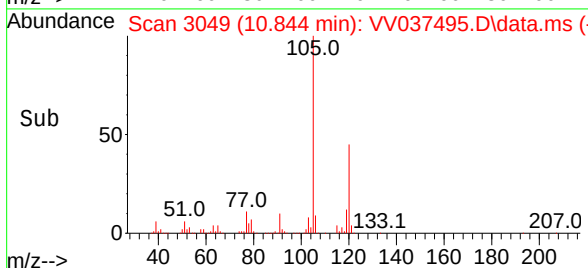
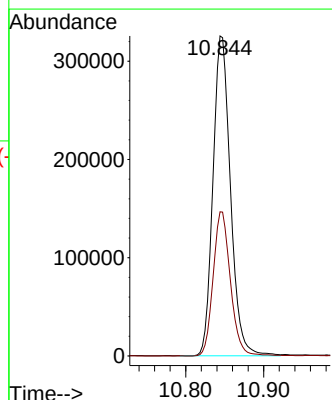
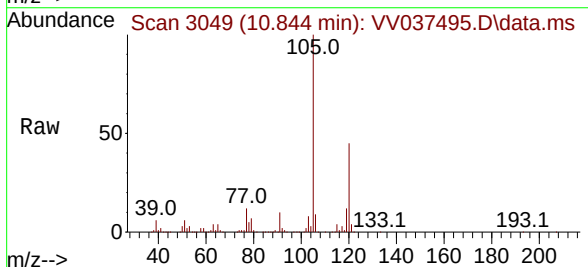
Instrument :
MSVOA_V
ClientSampleId :

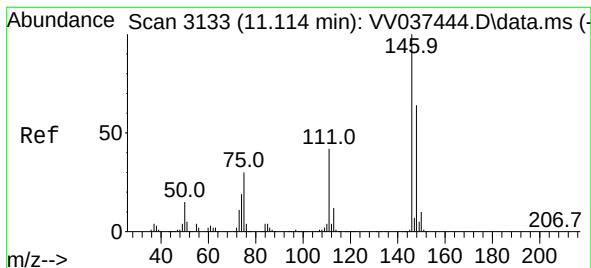
Tgt Ion:105 Resp: 499217
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.738 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion:105 Resp: 508084
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.579 ug/L

RT: 11.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

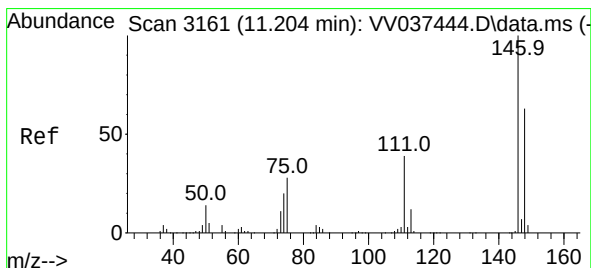
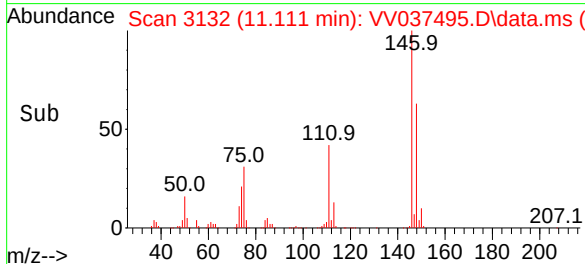
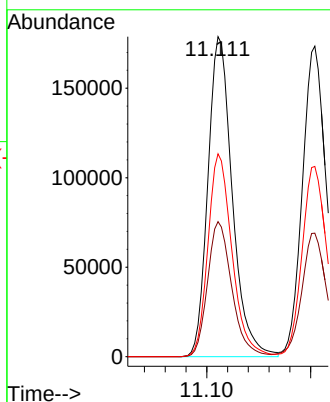
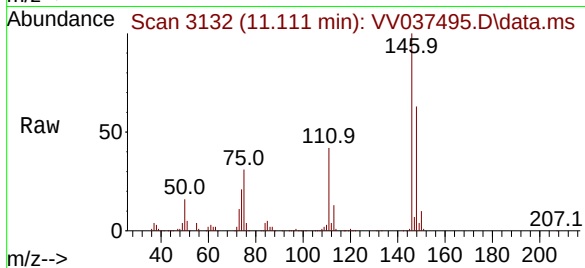
Tgt Ion:146 Resp: 291438

Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 63.4 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 4.439 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

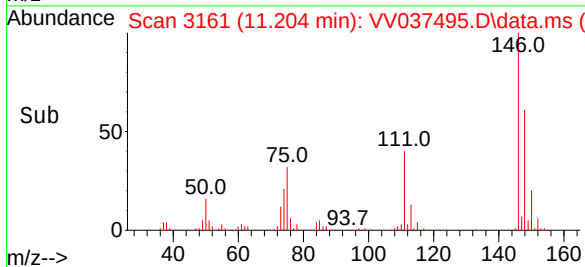
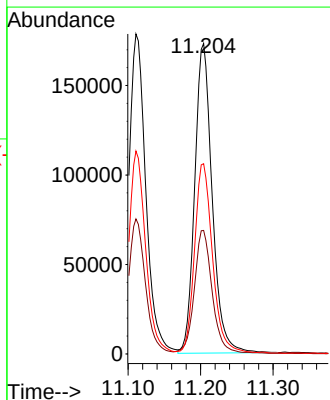
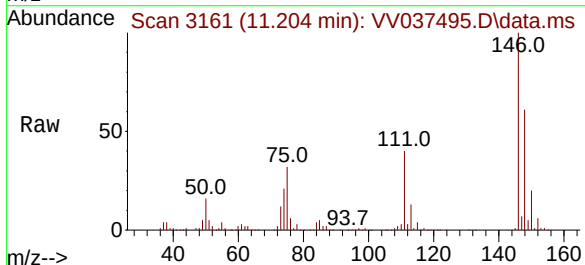
Tgt Ion:146 Resp: 289727

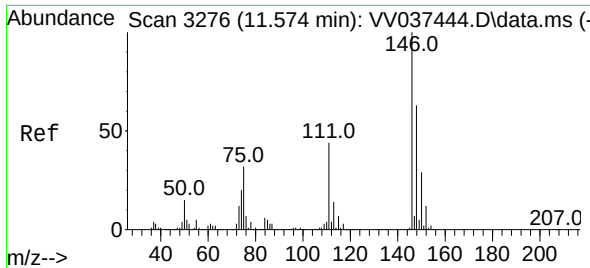
Ion Ratio Lower Upper

146 100

111 39.7 28.2 52.4

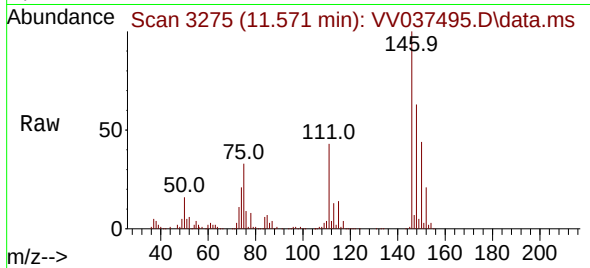
148 61.3 45.8 85.0



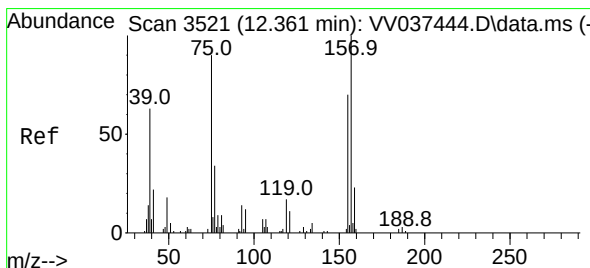
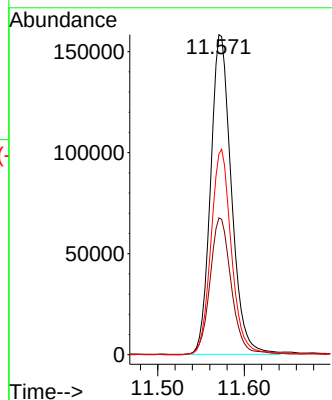
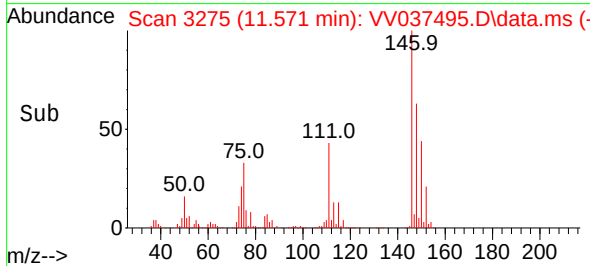


#67
1,2-Dichlorobenzene
Concen: 4.466 ug/L
RT: 11.571 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

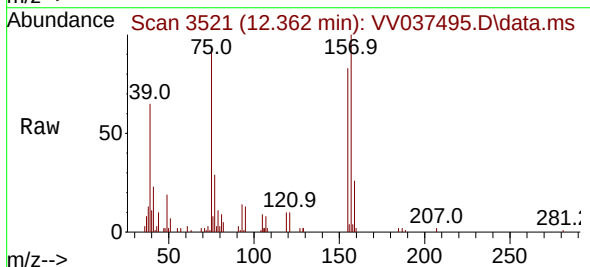
Instrument :
MSVOA_V
ClientSampleId :



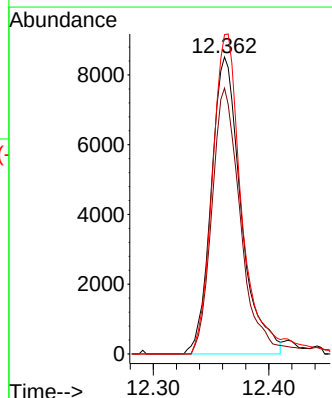
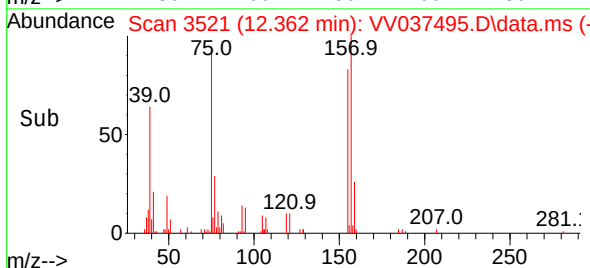
Tgt Ion:146 Resp: 263513
Ion Ratio Lower Upper
146 100
111 42.7 34.4 51.6
148 62.7 51.8 77.6

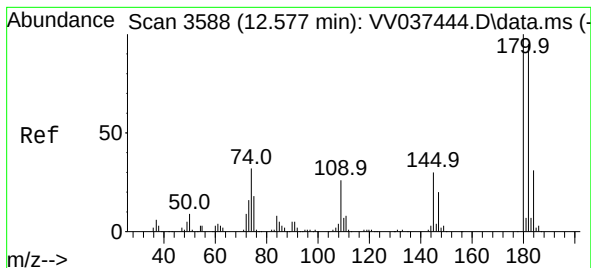


#68
1,2-Dibromo-3-chloropropane
Concen: 4.027 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45



Tgt Ion: 75 Resp: 15286
Ion Ratio Lower Upper
75 100
155 89.5 60.6 90.8
157 107.6 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.580 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

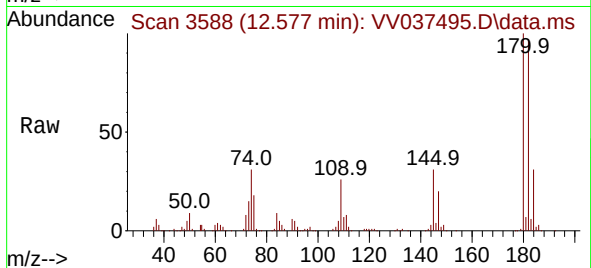
Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 207876

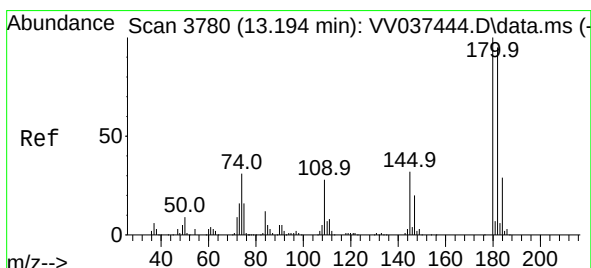
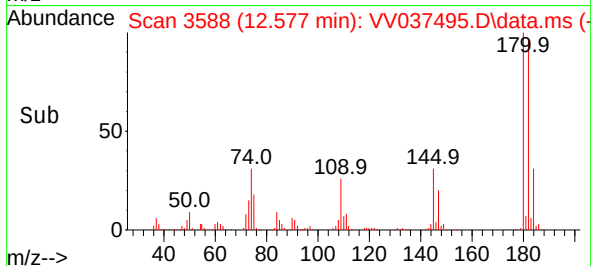
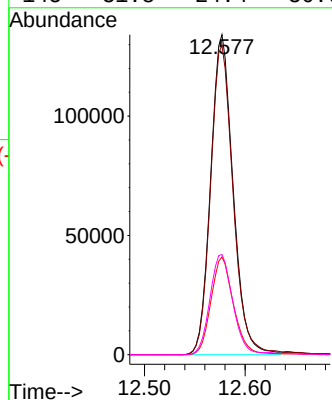
Ion Ratio Lower Upper

180 100

182 97.2 74.3 111.5

184 30.7 24.3 36.5

145 31.8 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.744 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037495.D

Acq: 24 Sep 2024 09:45

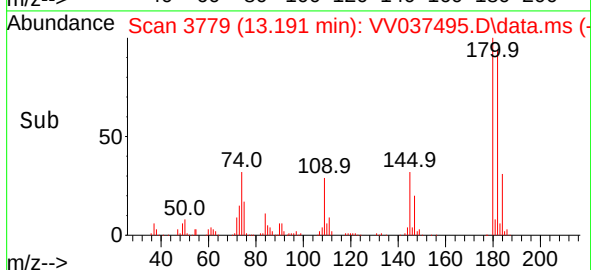
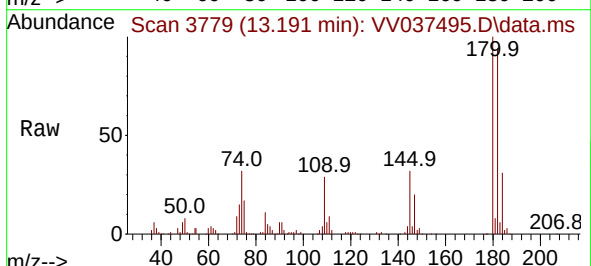
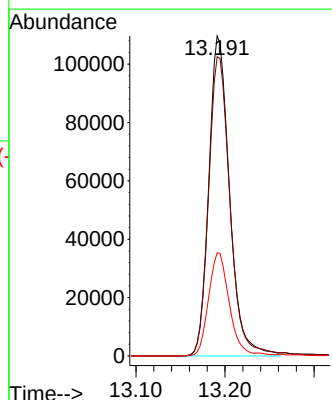
Tgt Ion:180 Resp: 177248

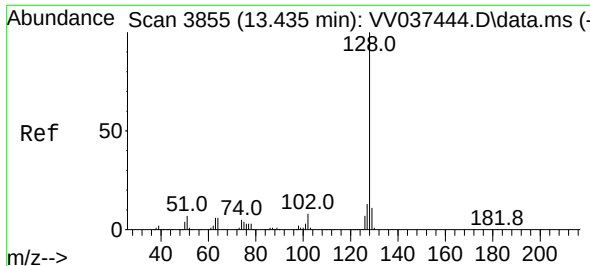
Ion Ratio Lower Upper

180 100

182 96.8 75.4 113.0

145 32.4 25.8 38.6

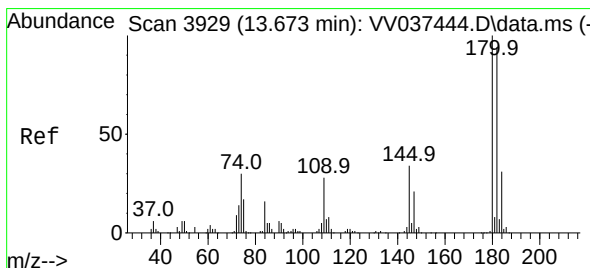
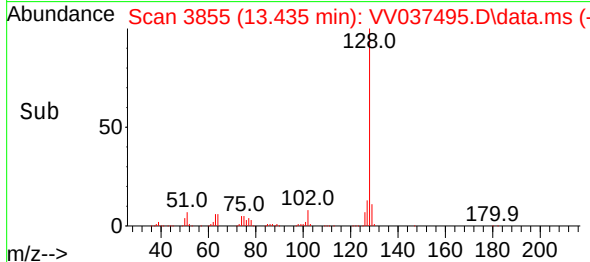
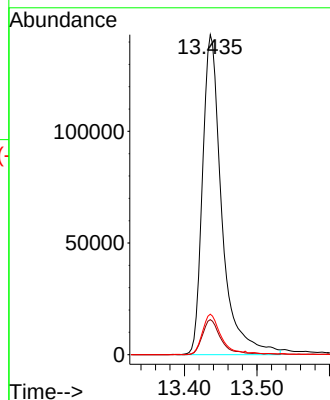
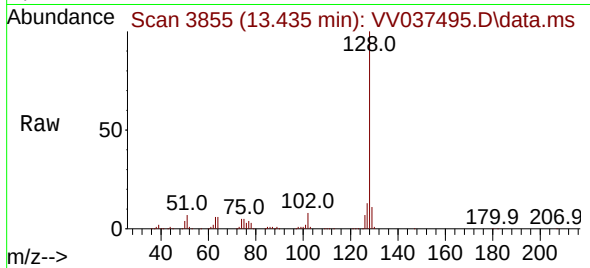




#71
Naphthalene
Concen: 4.647 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 265350
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.762 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037495.D
Acq: 24 Sep 2024 09:45

Tgt Ion:180 Resp: 147236
Ion Ratio Lower Upper
180 100
182 96.4 73.4 110.0
145 34.2 27.2 40.8

