

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102124\
 Data File : VV037905.D
 Acq On : 21 Oct 2024 17:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 05:09:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 05:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	480147	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	484443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	275460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	182366	43.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.540%
7) Chloroethane-d5	1.532	69	163563	49.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.980%
11) 1,1-Dichloroethene-d2	2.056	65	86063	48.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.740%
21) 2-Butanone-d5	3.796	46	181820	121.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.110%
24) Chloroform-d	4.243	84	430760	57.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.880%
26) 1,2-Dichloroethane-d4	4.937	65	254057	57.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.760%
32) Benzene-d6	4.950	84	804967	53.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	5.982	67	256729	53.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	7.236	98	741805	53.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.940%
43) trans-1,3-Dichloroprop...	7.548	79	115107	51.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.660%
47) 2-Hexanone-d5	8.024	63	121700	119.396	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323407	57.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.320%
66) 1,2-Dichlorobenzene-d4	11.551	152	297143	51.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	184036	45.024	ug/L	98
3) Chloromethane	1.217	50	193587	48.783	ug/L	98
5) Vinyl chloride	1.285	62	205884	48.394	ug/L	100
6) Bromomethane	1.487	94	116494	49.342	ug/L	99
8) Chloroethane	1.548	64	135384	51.630	ug/L	98
9) Trichlorofluoromethane	1.712	101	306941	53.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	182788	53.415	ug/L	99
12) 1,1-Dichloroethene	2.069	96	166991	52.241	ug/L	82
13) Acetone	2.114	43	140019	95.140	ug/L	98
14) Carbon disulfide	2.236	76	400695	40.158	ug/L	100
15) Methyl Acetate	2.372	43	167491	65.214	ug/L	99
16) Methylene chloride	2.442	84	204200	56.418	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	179663	53.128	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	624382	64.356	ug/L	100
19) 1,1-Dichloroethane	3.101	63	380395	58.710	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	216633	57.246	ug/L	99
22) 2-Butanone	3.879	43	183727	112.789	ug/L	99
23) Bromochloromethane	4.140	128	120859	61.741	ug/L	93
25) Chloroform	4.269	83	409178	60.996	ug/L	98

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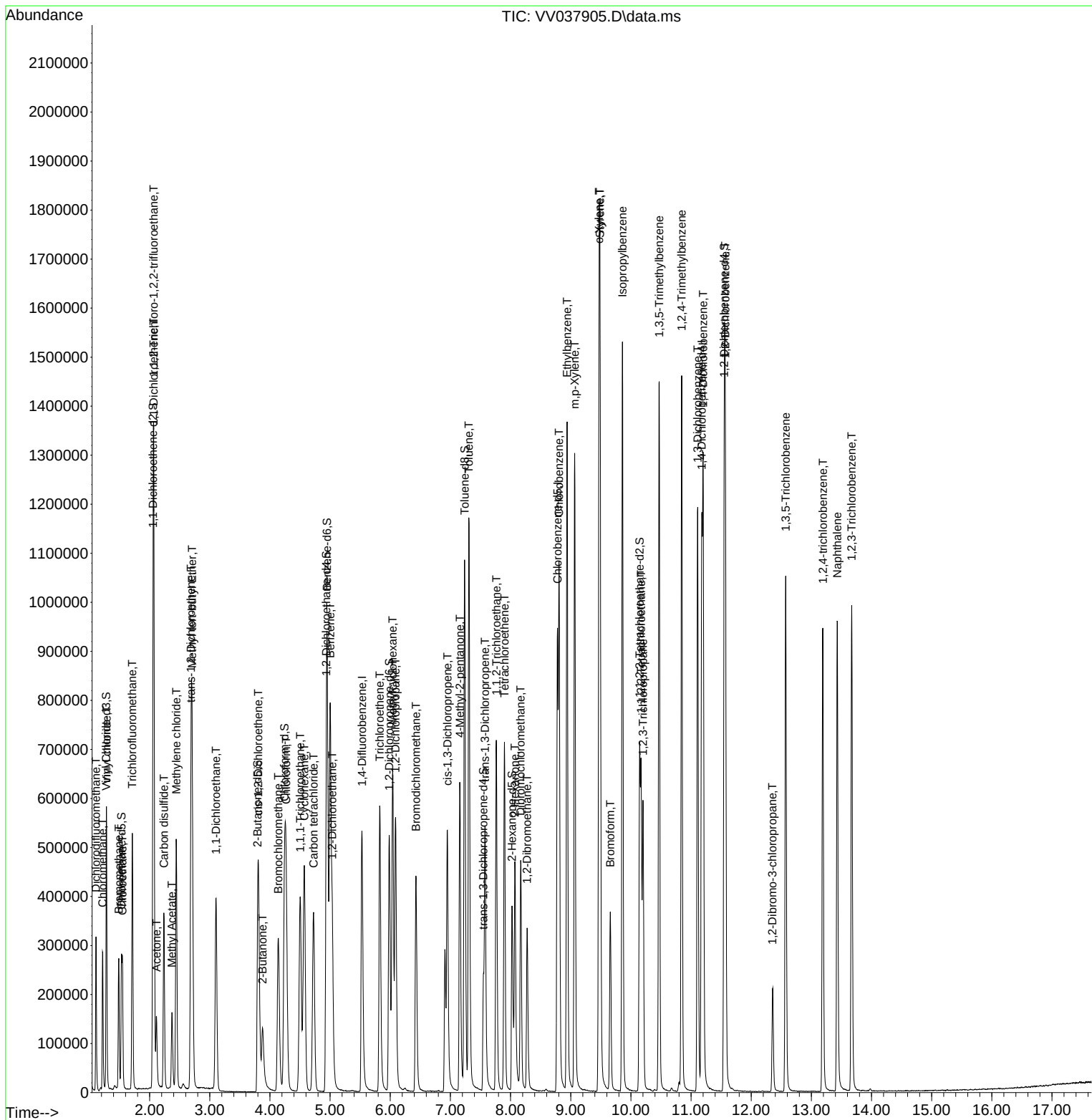
Instrument :
 MSVOA_V
 ClientSampleId :

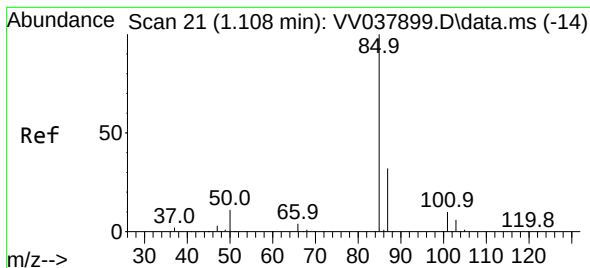
Quant Time: Oct 22 05:09:08 2024
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 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 05:07:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	296192	62.544	ug/L	98
29) Cyclohexane	4.571	56	238715	43.400	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	334855	56.122	ug/L	100
31) Carbon tetrachloride	4.725	117	287056	55.337	ug/L	99
33) Benzene	5.002	78	821432	56.223	ug/L	100
34) Trichloroethene	5.825	95	211966	54.478	ug/L	99
35) Methylcyclohexane	6.040	83	274947	45.935	ug/L	99
37) 1,2-Dichloropropane	6.088	63	222654	59.016	ug/L	100
38) Bromodichloromethane	6.426	83	305073	60.490	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	352542	58.538	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	406387	132.295	ug/L	99
42) Toluene	7.307	91	871382	57.531	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	321263	59.252	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	228523	63.082	ug/L	99
46) Tetrachloroethene	7.899	164	155073	52.128	ug/L	98
48) 2-Hexanone	8.072	43	288714	120.872	ug/L	97
49) Dibromochloromethane	8.169	129	239808	62.546	ug/L	99
50) 1,2-Dibromoethane	8.275	107	224796	60.030	ug/L	100
51) Chlorobenzene	8.805	112	588690	57.048	ug/L	100
52) Ethylbenzene	8.940	91	948632	55.640	ug/L	99
53) m,p-Xylene	9.066	106	369834	58.285	ug/L	98
54) o-Xylene	9.471	106	353781	57.109	ug/L	97
55) Styrene	9.487	104	656956	60.918	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	318393	63.039	ug/L	97
59) Bromoform	9.657	173	165121	61.331	ug/L	97
60) Isopropylbenzene	9.860	105	956739	53.423	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	237855	60.682	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	759061	53.611	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	771673	54.777	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	475707	55.186	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	494939	55.140	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	482722	56.648	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	55708	58.549	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	315634	53.246	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	288386	52.435	ug/L	100
71) Naphthalene	13.432	128	772123	53.734	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	293062	53.959	ug/L	98

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

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Response via : Initial Calibration

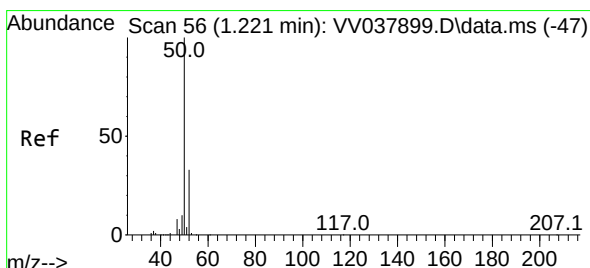
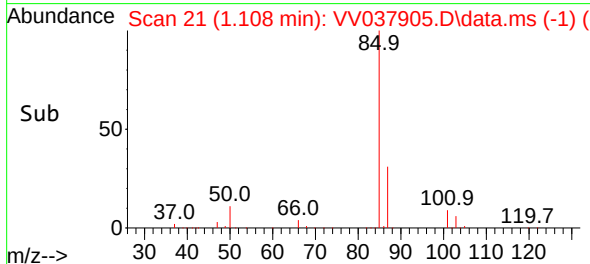
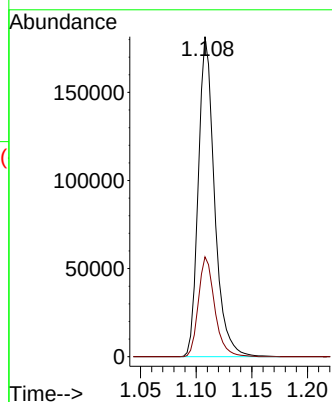
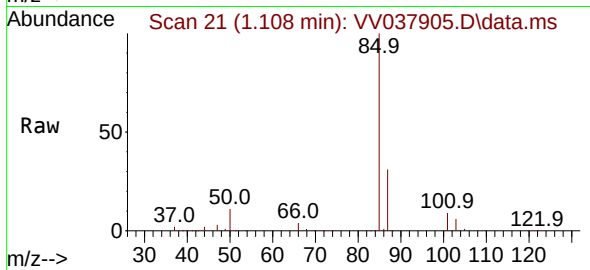




#2
 Dichlorodifluoromethane
 Concen: 45.024 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

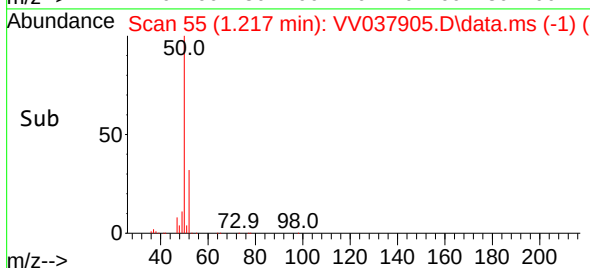
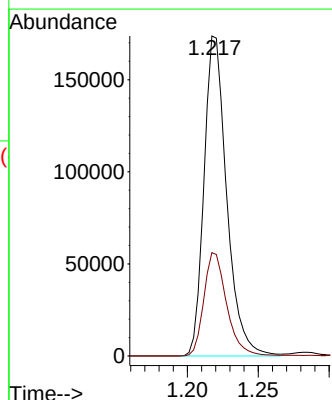
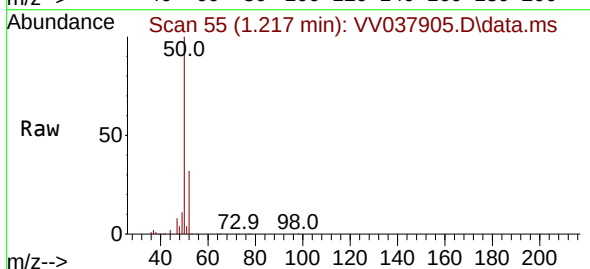
Instrument :
 MSVOA_V
 ClientSampleId :

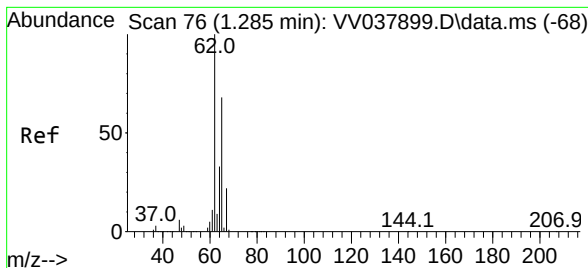
Tgt Ion: 85 Resp: 184036
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.8 38.8



#3
 Chloromethane
 Concen: 48.783 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

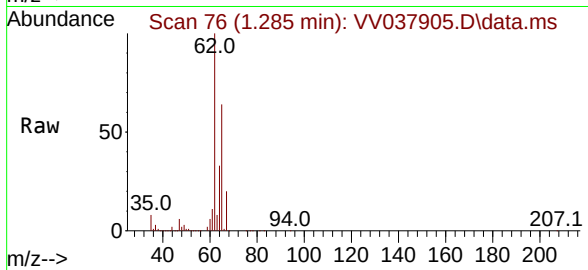
Tgt Ion: 50 Resp: 193587
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2



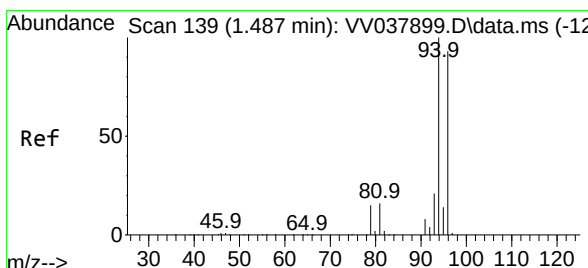
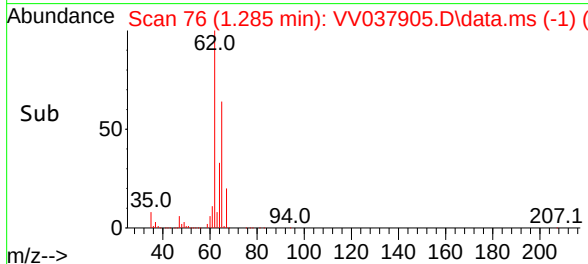
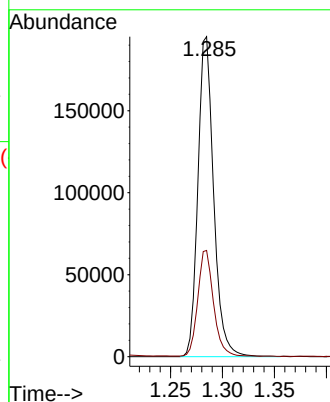


#5
 Vinyl chloride
 Concen: 48.394 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

Instrument :
 MSVOA_V
 ClientSampleId :

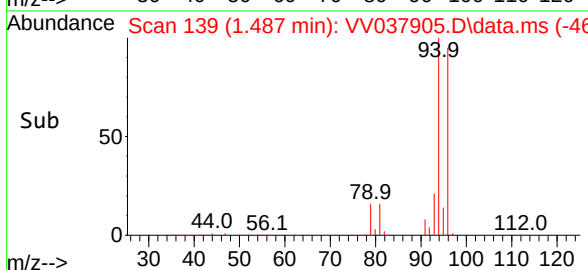
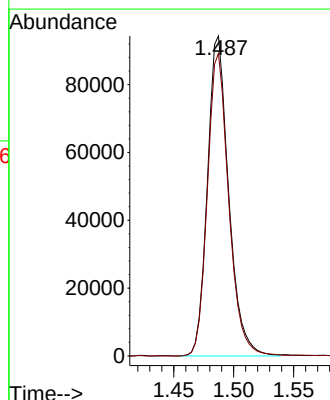
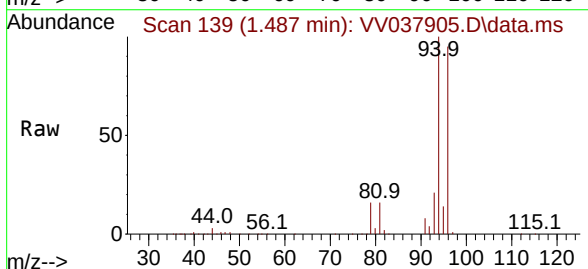


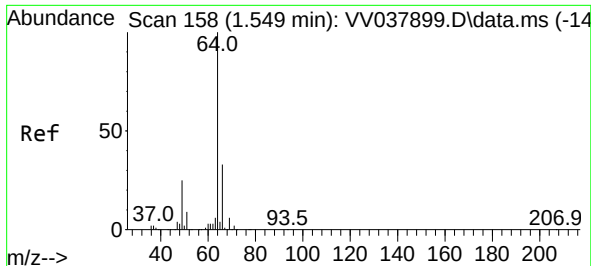
Tgt Ion: 62 Resp: 205884
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.0



#6
 Bromomethane
 Concen: 49.342 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

Tgt Ion: 94 Resp: 116494
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.8 122.2

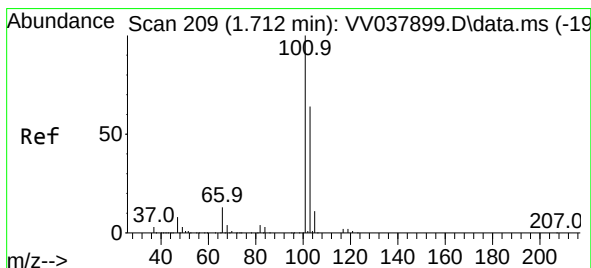
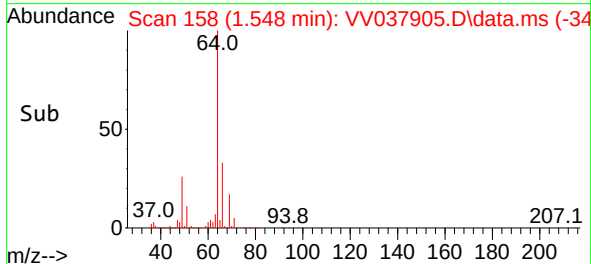
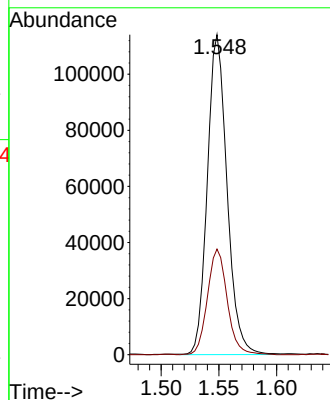
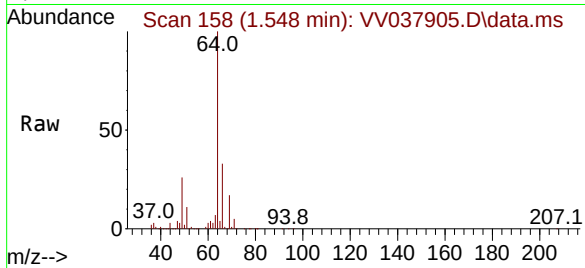




#8
Chloroethane
Concen: 51.630 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

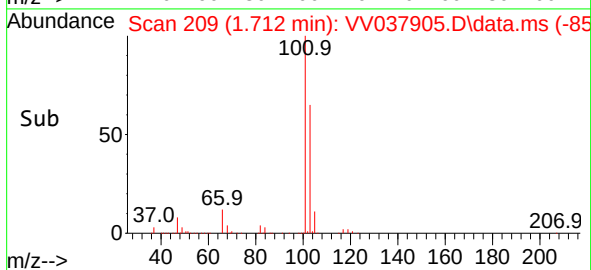
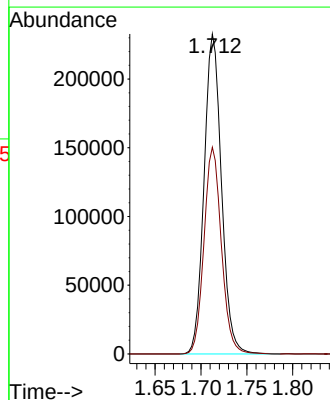
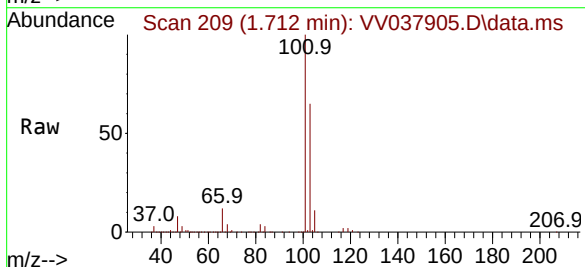
Instrument :
MSVOA_V
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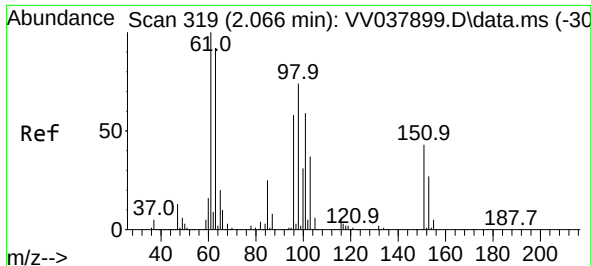
Tgt Ion: 64 Resp: 135384
Ion Ratio Lower Upper
64 100
66 33.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 53.599 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion:101 Resp: 306941
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

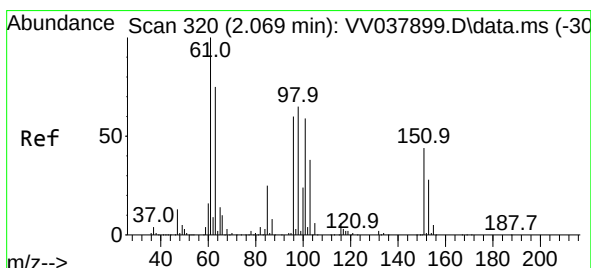
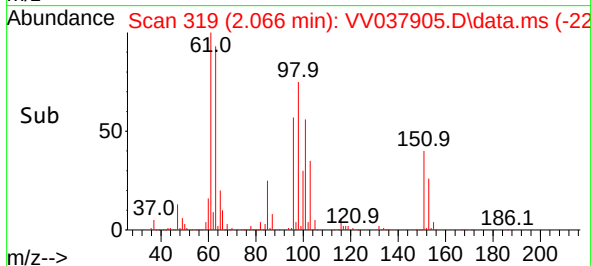
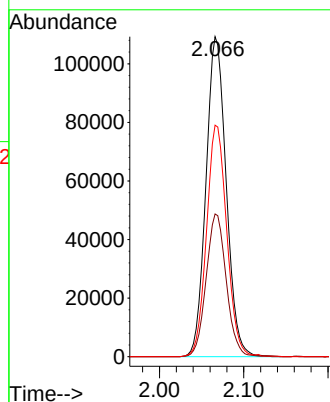
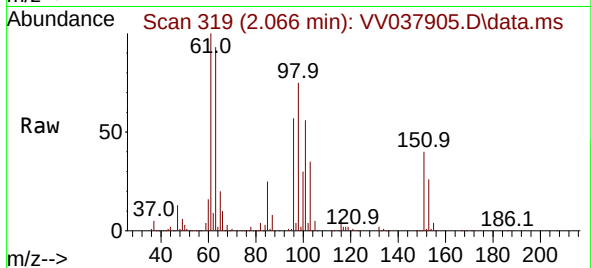




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.415 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037905.D
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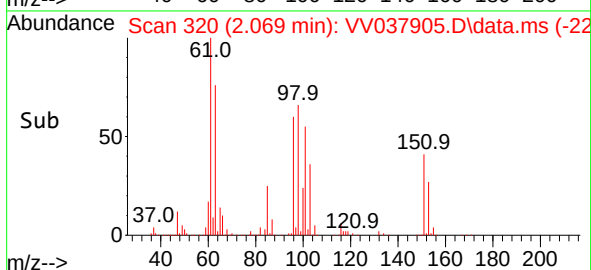
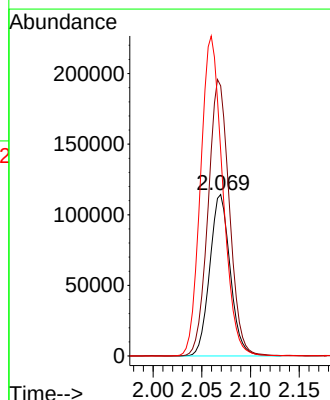
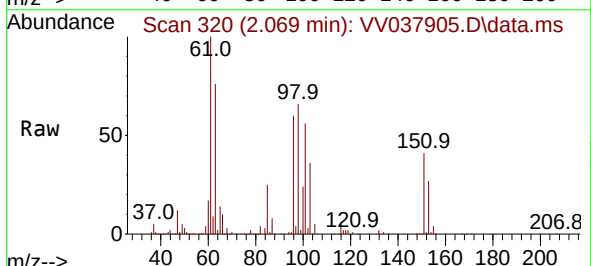
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ClientSampleId :

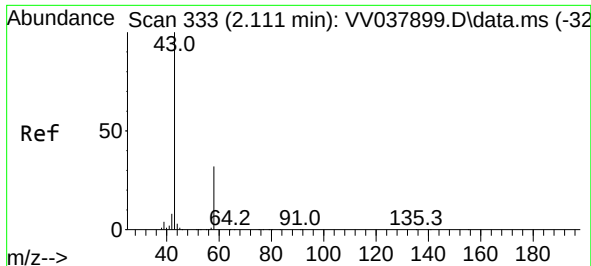
Tgt Ion:101 Resp: 182788
Ion Ratio Lower Upper
101 100
85 44.3 34.6 52.0
151 72.2 57.5 86.3



#12
1,1-Dichloroethene
Concen: 52.241 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion: 96 Resp: 166991
Ion Ratio Lower Upper
96 100
61 167.3 122.6 227.6
63 127.2 118.0 219.2





#13

Acetone

Concen: 95.140 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

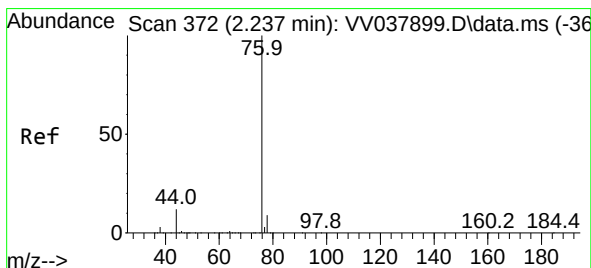
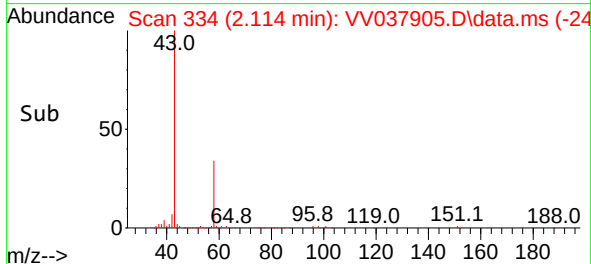
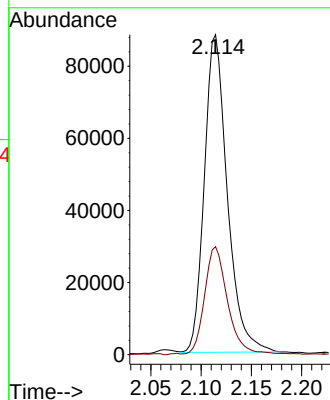
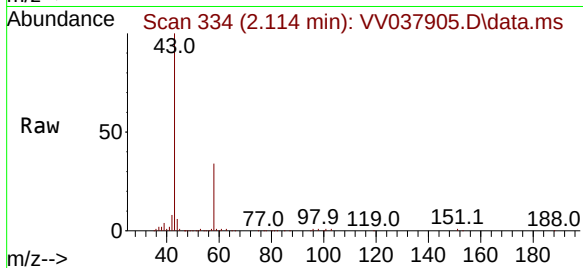
ClientSampleId :

Tgt Ion: 43 Resp: 140019

Ion Ratio Lower Upper

43 100

58 34.3 0.0 66.6



#14

Carbon disulfide

Concen: 40.158 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037905.D

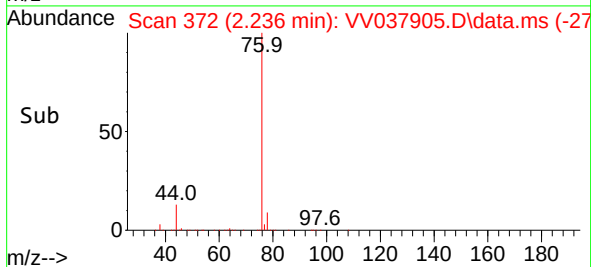
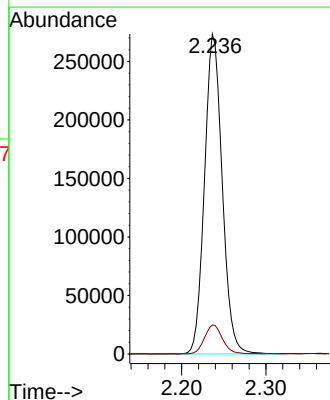
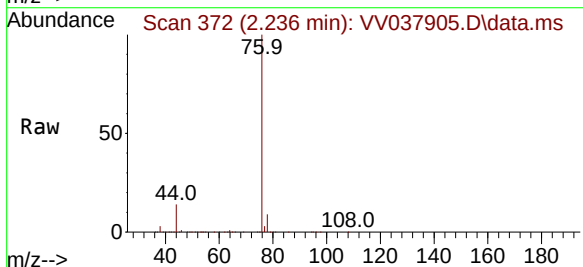
Acq: 21 Oct 2024 17:45

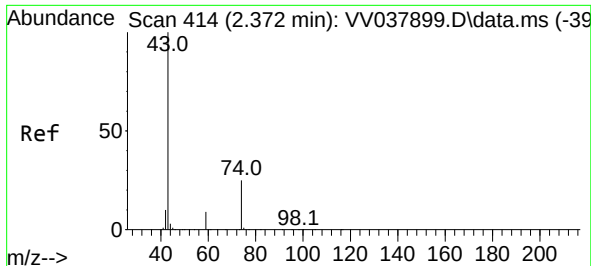
Tgt Ion: 76 Resp: 400695

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

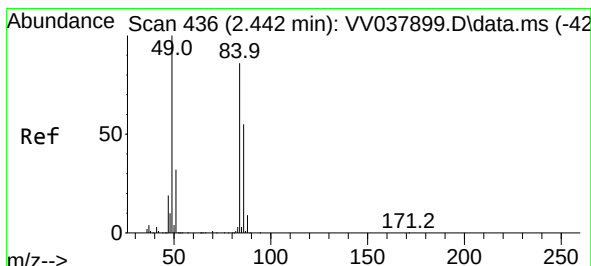
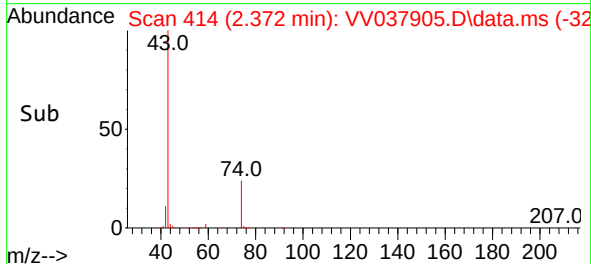
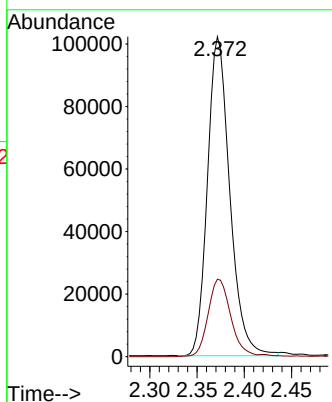
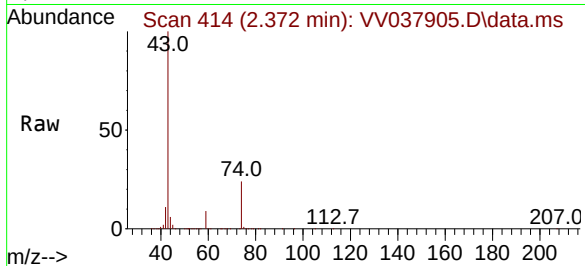




#15
Methyl Acetate
Concen: 65.214 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

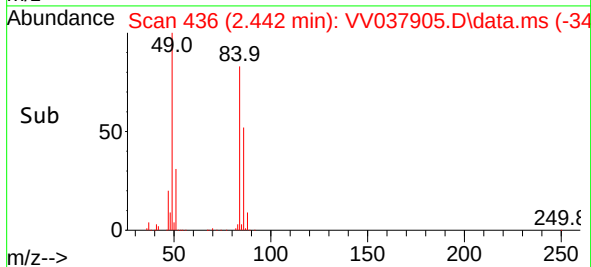
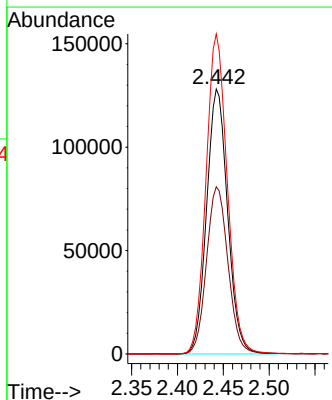
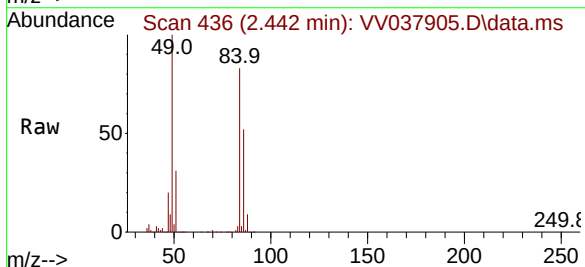
Instrument :
MSVOA_V
ClientSampleId :

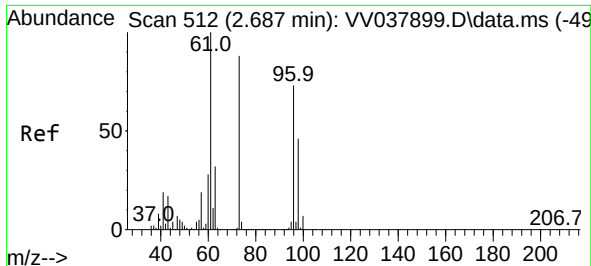
Tgt Ion: 43 Resp: 167491
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0



#16
Methylene chloride
Concen: 56.418 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

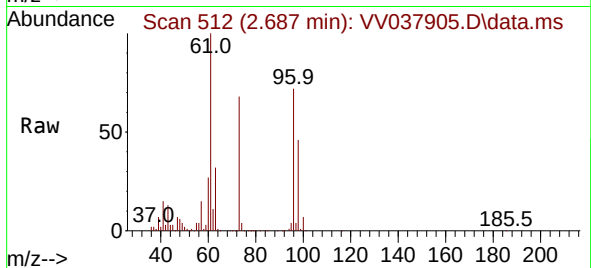
Tgt Ion: 84 Resp: 204200
Ion Ratio Lower Upper
84 100
86 63.1 46.4 86.2
49 120.8 85.9 159.5



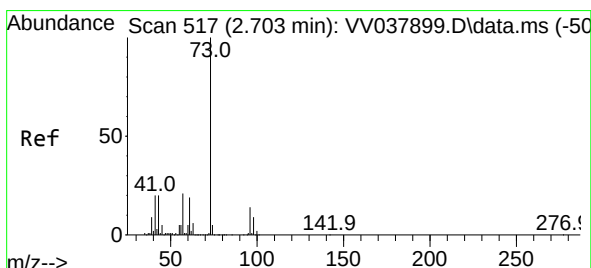
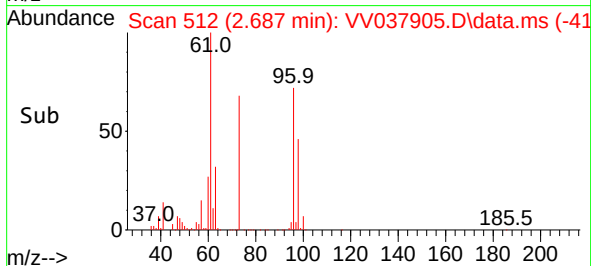
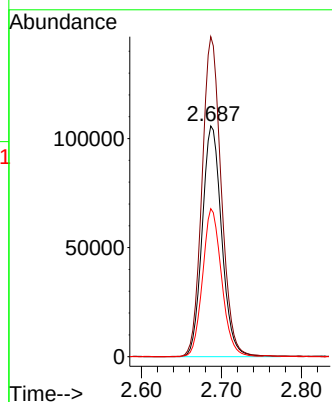


#17
 trans-1,2-Dichloroethene
 Concen: 53.128 ug/L
 RT: 2.687 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

Instrument :
 MSVOA_V
 ClientSampleId :

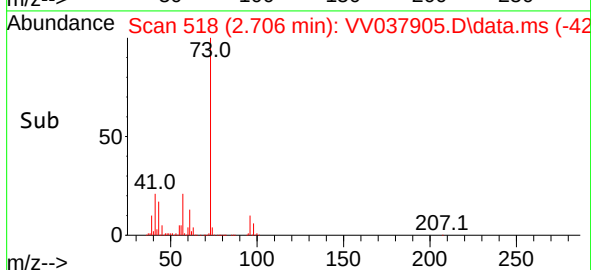
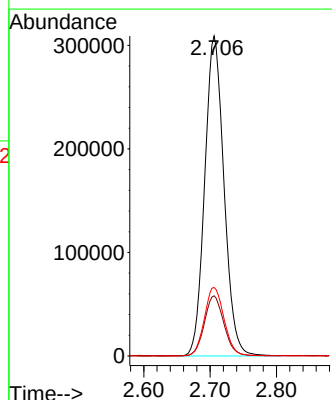
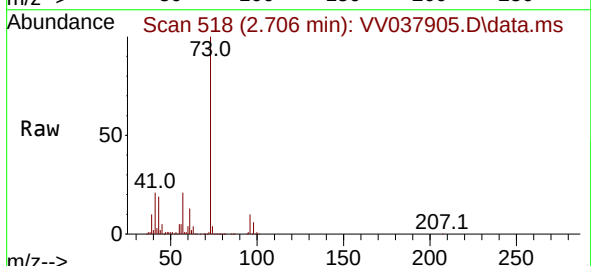


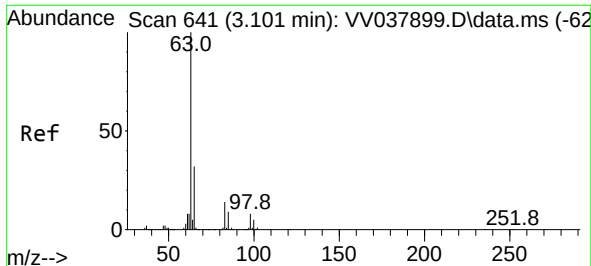
Tgt Ion:	96	Resp:	179663
Ion	Ratio	Lower	Upper
96	100		
61	138.7	97.3	180.7
98	64.1	43.9	81.5



#18
 Methyl tert-butyl Ether
 Concen: 64.356 ug/L
 RT: 2.706 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

Tgt Ion:	73	Resp:	624382
Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.1	22.7
57	21.9	17.4	26.2





#19

1,1-Dichloroethane

Concen: 58.710 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.000 min

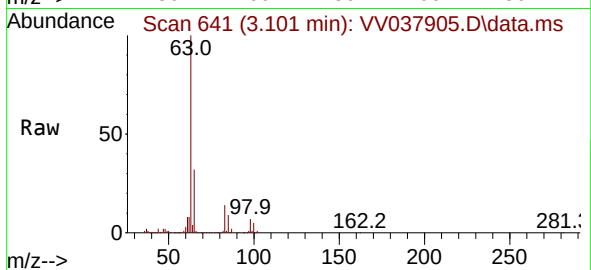
Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :



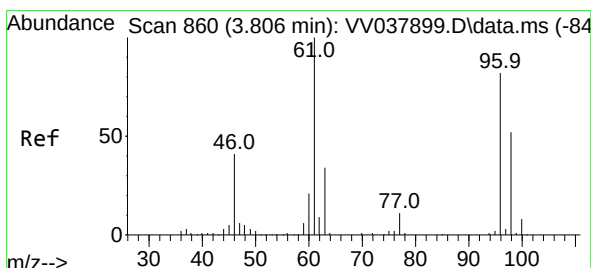
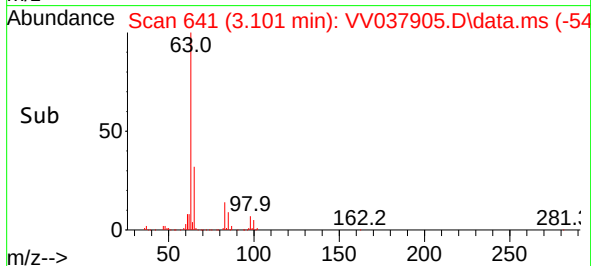
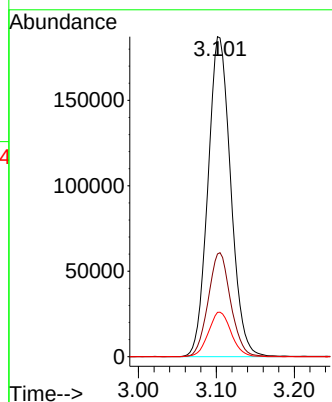
Tgt Ion: 63 Resp: 380395

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 13.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 57.246 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

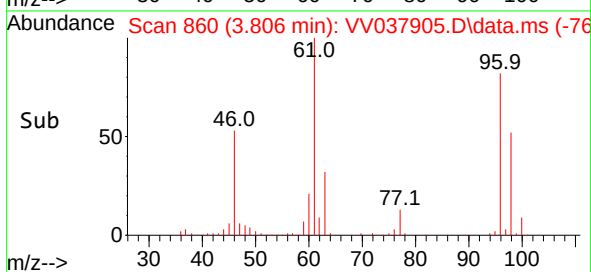
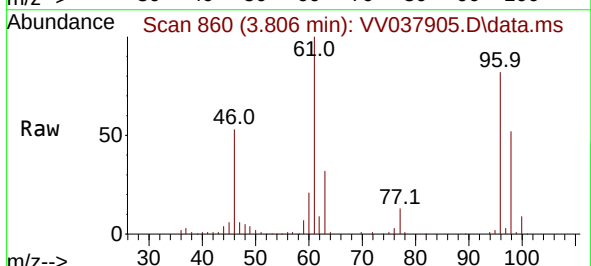
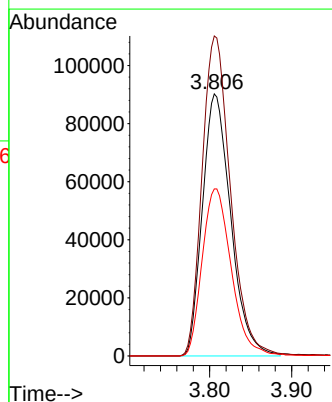
Tgt Ion: 96 Resp: 216633

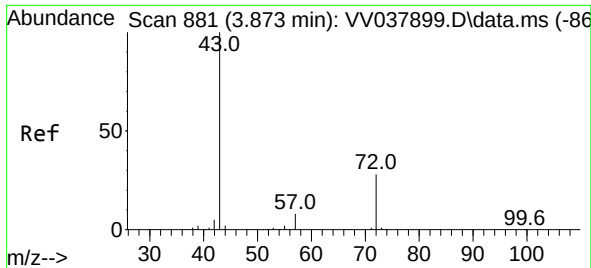
Ion Ratio Lower Upper

96 100

61 122.1 85.0 157.8

98 63.8 44.2 82.0

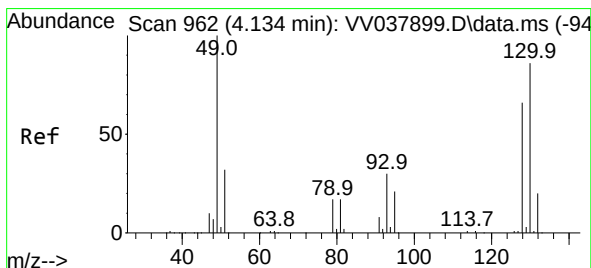
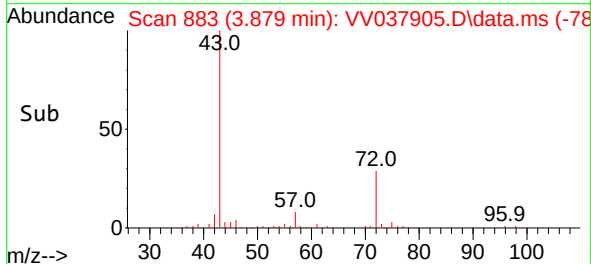
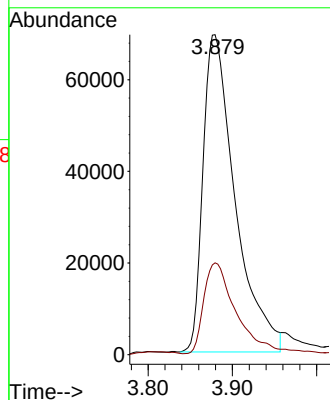
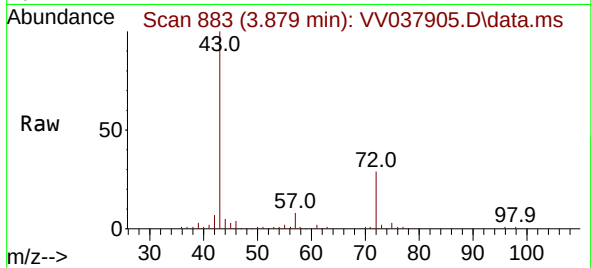




#22
2-Butanone
Concen: 112.789 ug/L
RT: 3.879 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

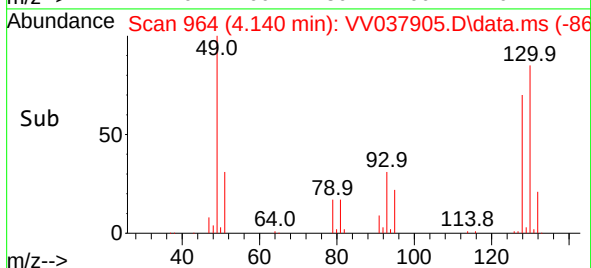
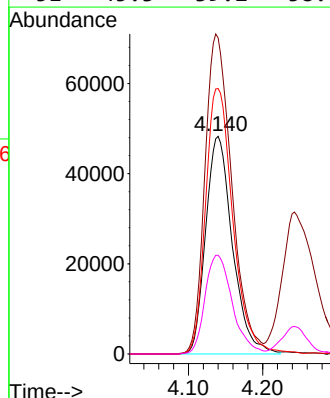
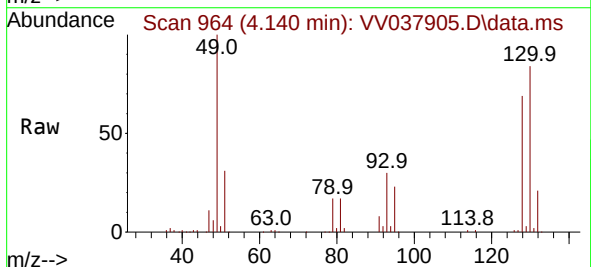
Instrument :
MSVOA_V
ClientSampleId :

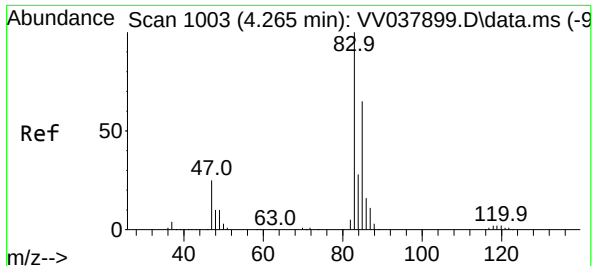
Tgt Ion: 43 Resp: 183727
Ion Ratio Lower Upper
43 100
72 28.2 14.3 42.9



#23
Bromochloromethane
Concen: 61.741 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.006 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion:128 Resp: 120859
Ion Ratio Lower Upper
128 100
49 145.2 108.7 201.9
130 122.0 90.4 168.0
51 45.3 39.2 58.8





#25

Chloroform

Concen: 60.996 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

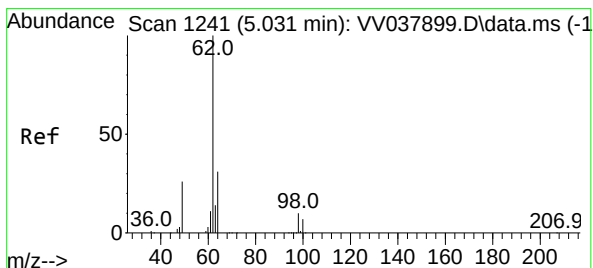
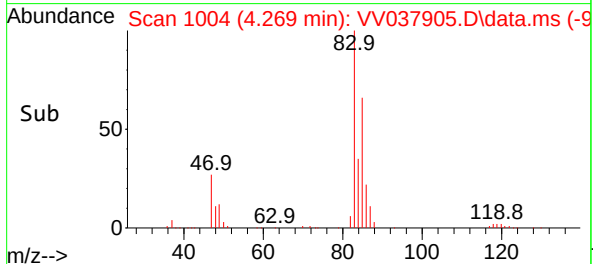
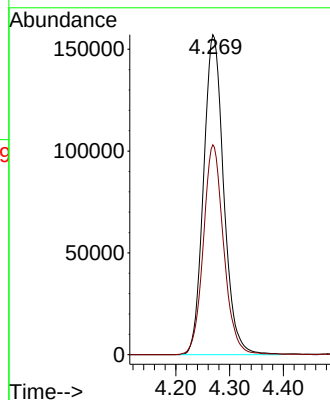
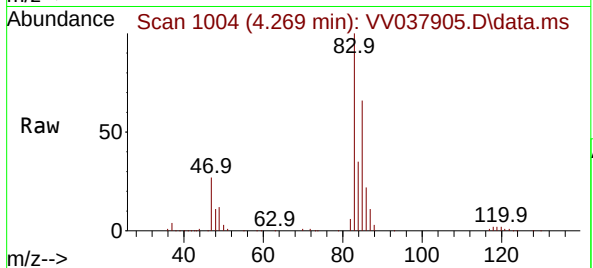
ClientSampleId :

Tgt Ion: 83 Resp: 409178

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 62.544 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VV037905.D

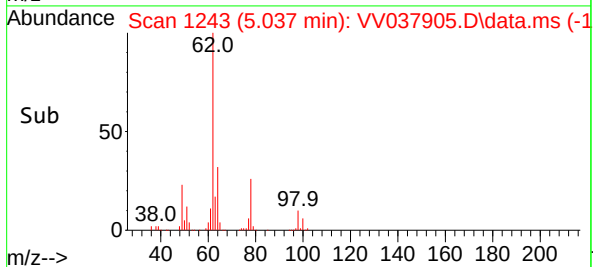
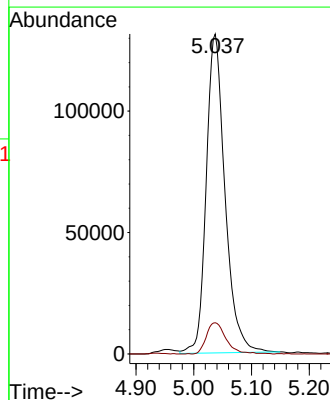
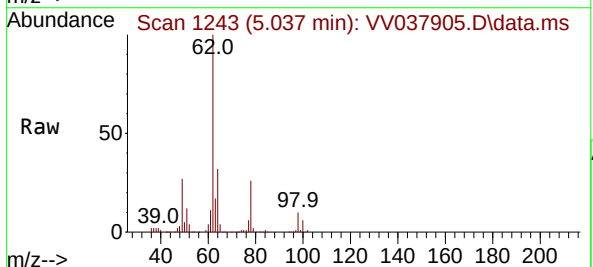
Acq: 21 Oct 2024 17:45

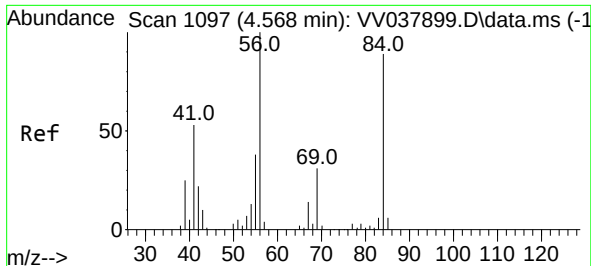
Tgt Ion: 62 Resp: 296192

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6





#29

Cyclohexane

Concen: 43.400 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

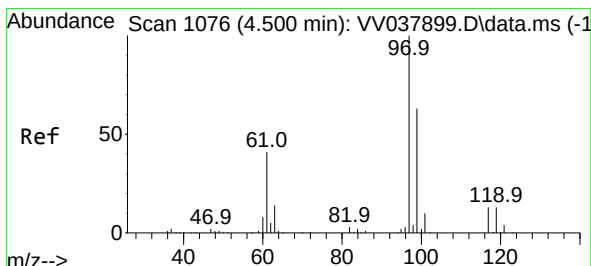
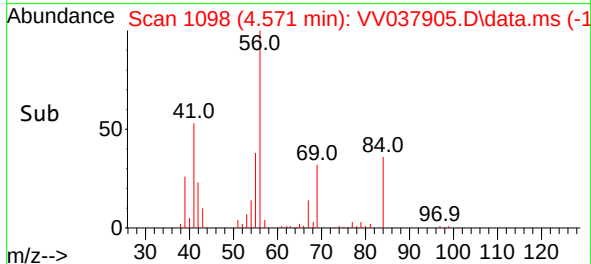
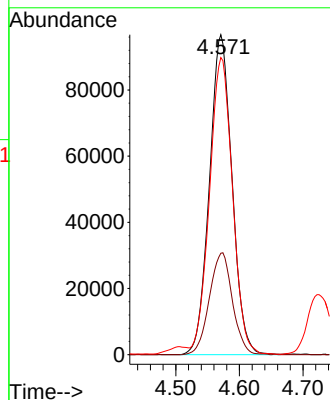
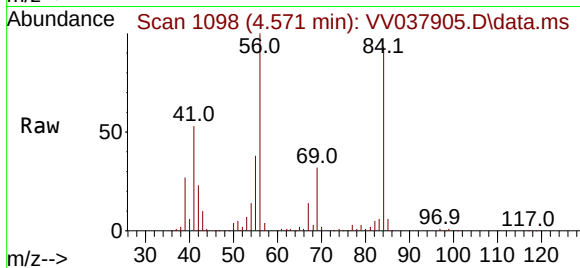
Tgt Ion: 56 Resp: 238715

Ion Ratio Lower Upper

56 100

69 32.5 24.7 37.1

84 93.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 56.122 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

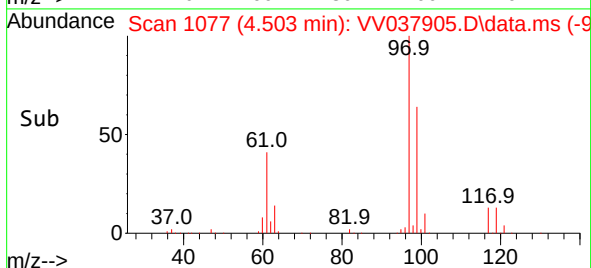
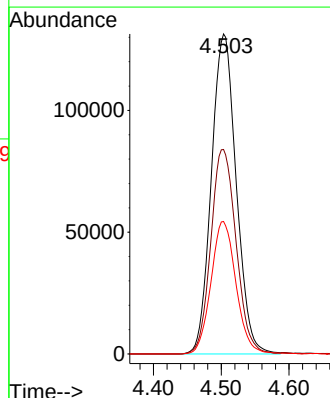
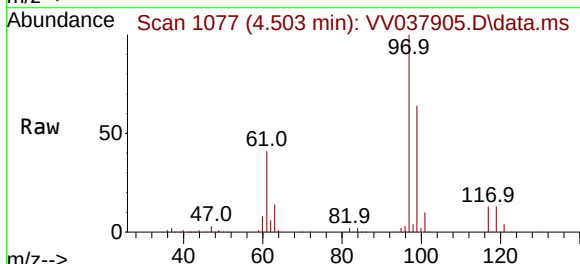
Tgt Ion: 97 Resp: 334855

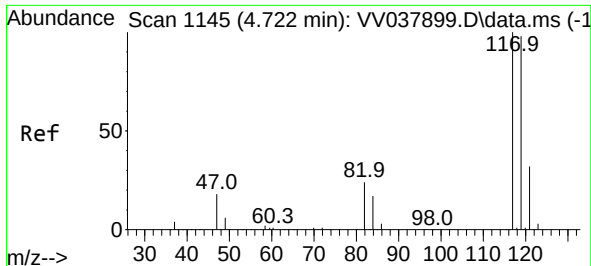
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.6

61 41.7 33.6 50.4

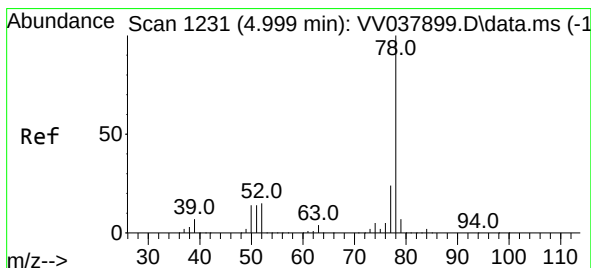
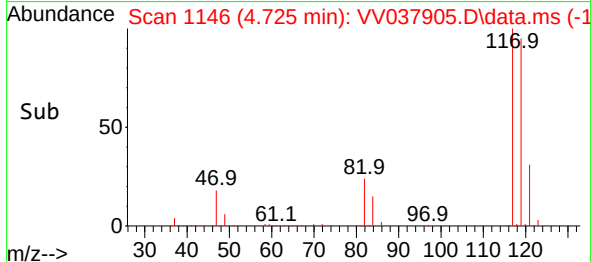
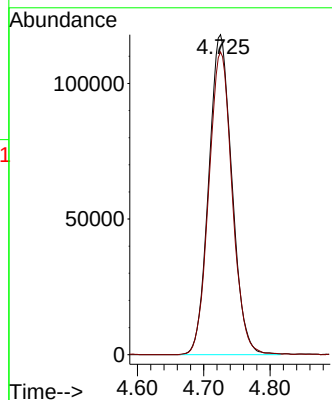
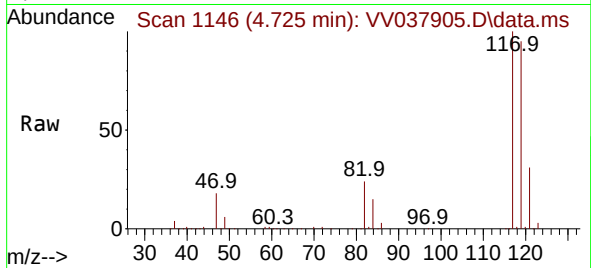




#31
Carbon tetrachloride
Concen: 55.337 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

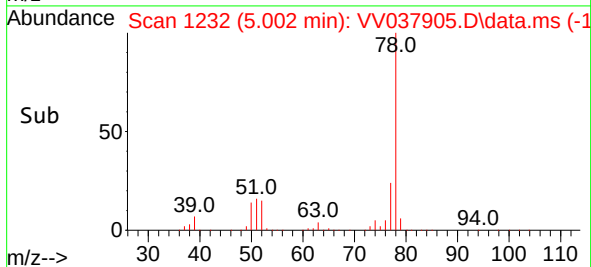
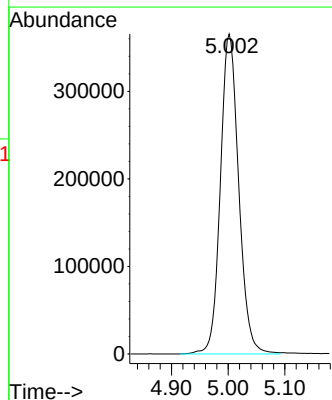
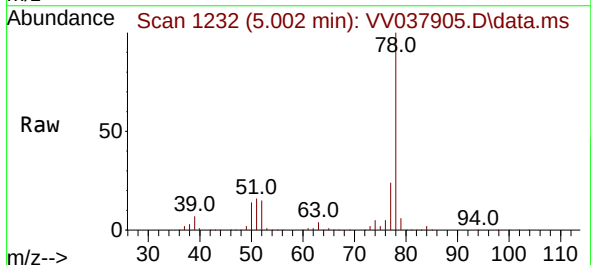
Instrument :
MSVOA_V
ClientSampleId :

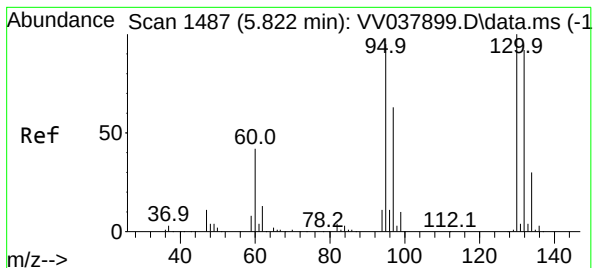
Tgt Ion:117 Resp: 287056
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 56.223 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion: 78 Resp: 821432





#34

Trichloroethene

Concen: 54.478 ug/L

RT: 5.825 min Scan# 1487

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 211966

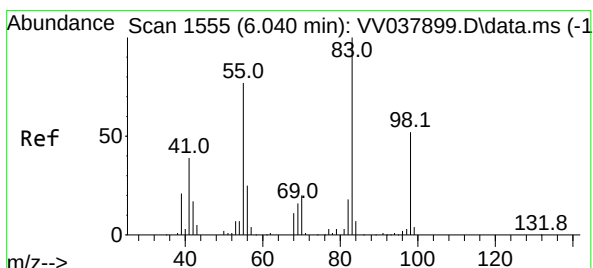
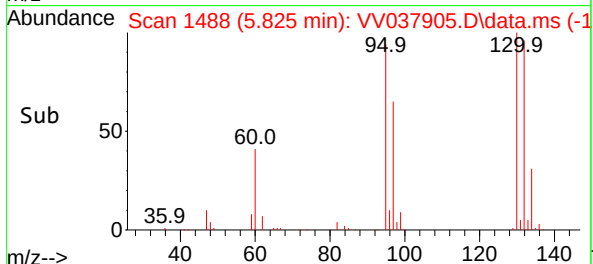
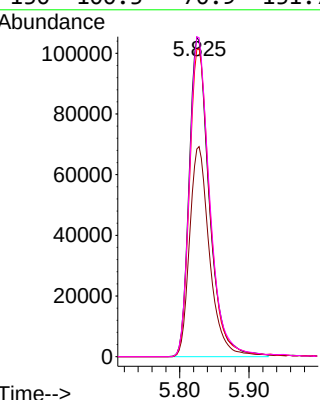
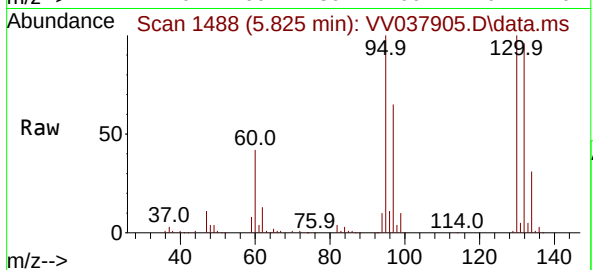
Ion Ratio Lower Upper

95 100

97 65.1 46.3 85.9

132 96.3 68.6 127.4

130 100.3 70.9 131.7



#35

Methylcyclohexane

Concen: 45.935 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

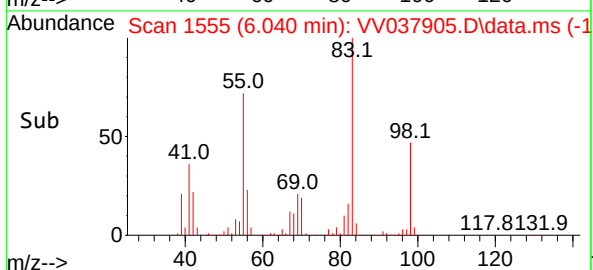
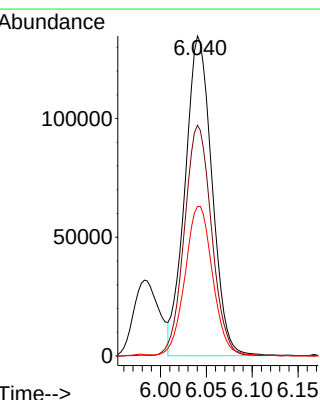
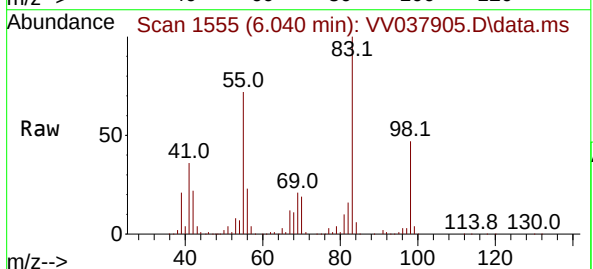
Tgt Ion: 83 Resp: 274947

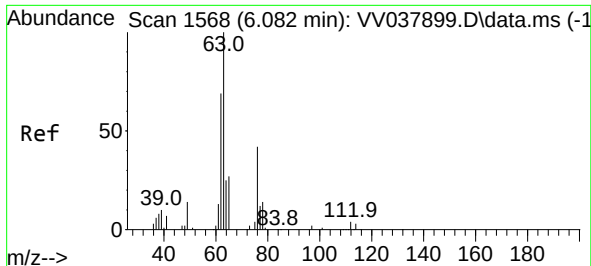
Ion Ratio Lower Upper

83 100

55 72.9 57.9 86.9

98 47.9 39.3 58.9

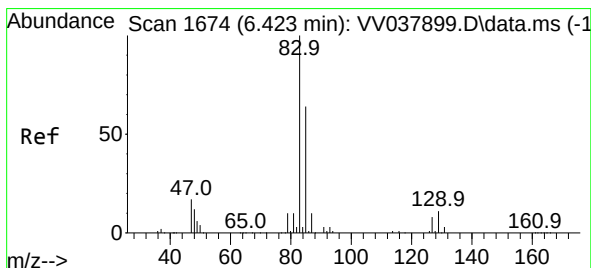
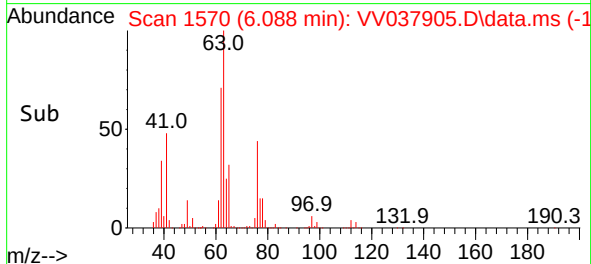
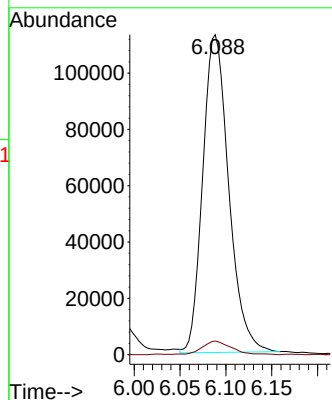
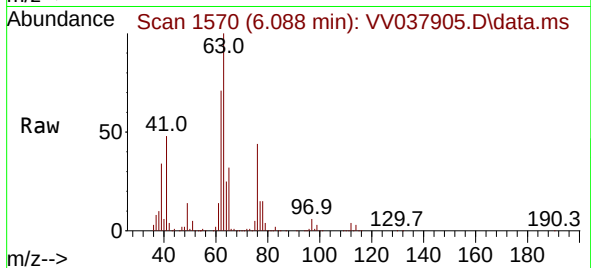




#37
1,2-Dichloropropane
Concen: 59.016 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

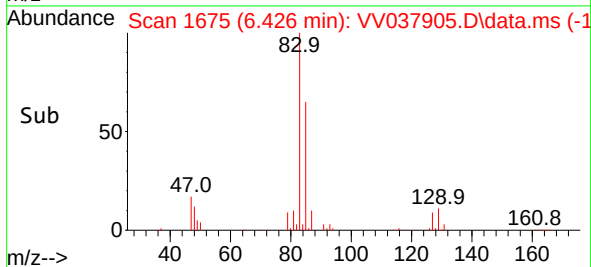
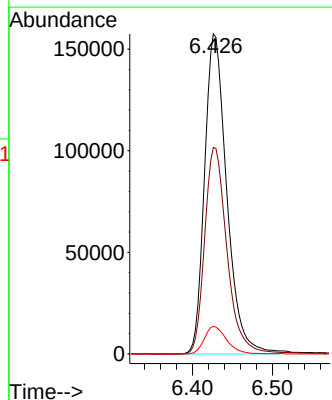
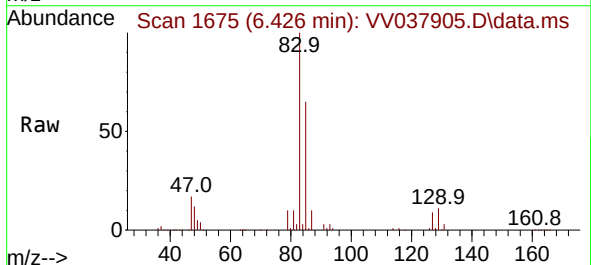
Instrument :
MSVOA_V
ClientSampleId :

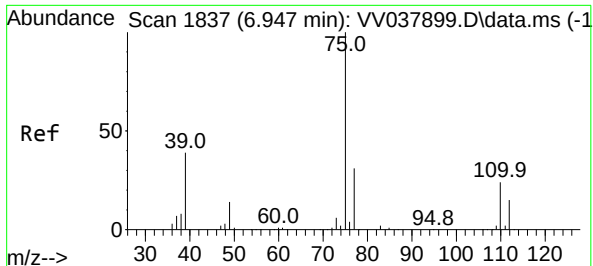
Tgt Ion: 63 Resp: 222654
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 60.490 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion: 83 Resp: 305073
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9
127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 58.538 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

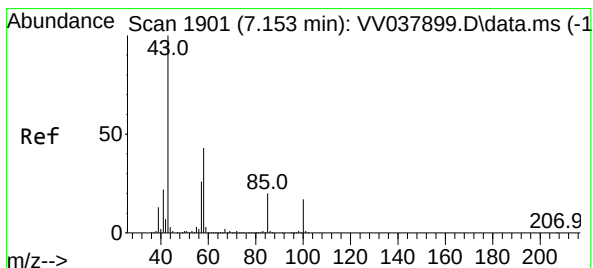
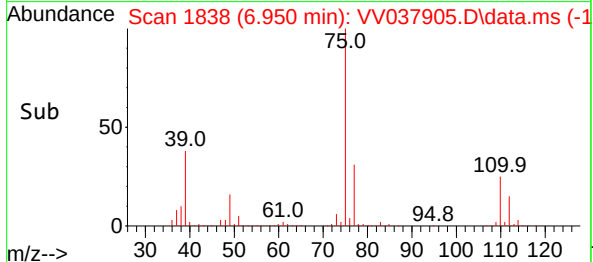
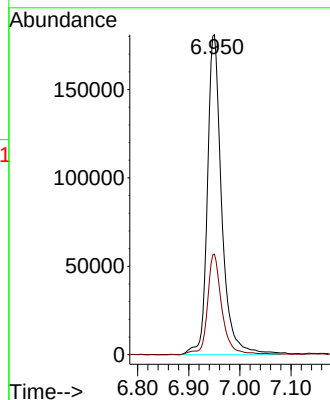
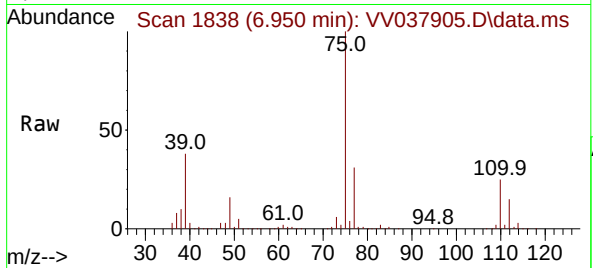
ClientSampleId :

Tgt Ion: 75 Resp: 352542

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 132.295 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

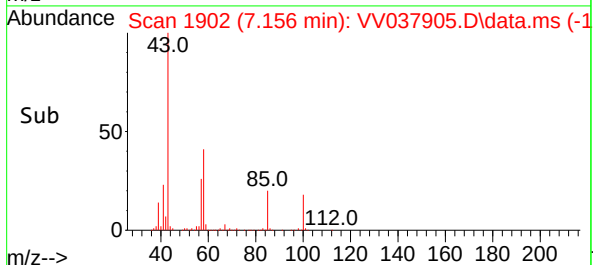
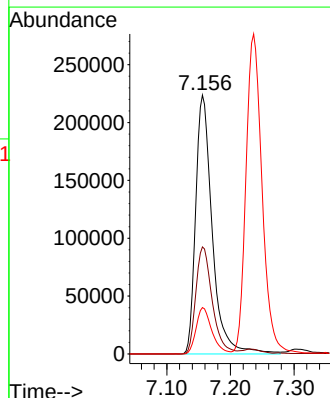
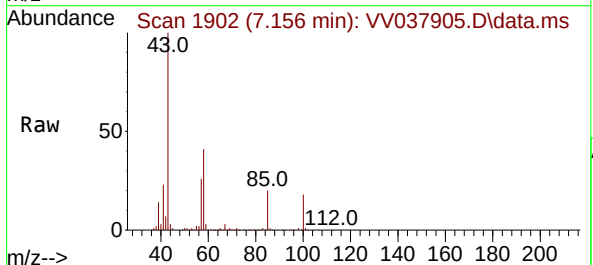
Tgt Ion: 43 Resp: 406387

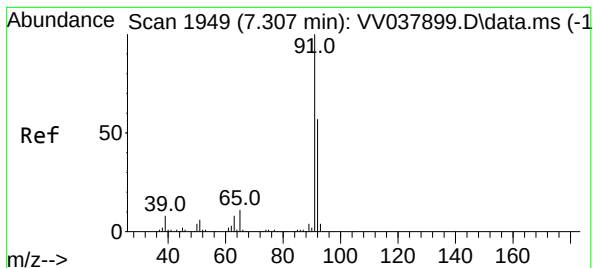
Ion Ratio Lower Upper

43 100

58 40.8 33.0 49.4

100 17.0 13.7 20.5





#42

Toluene

Concen: 57.531 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

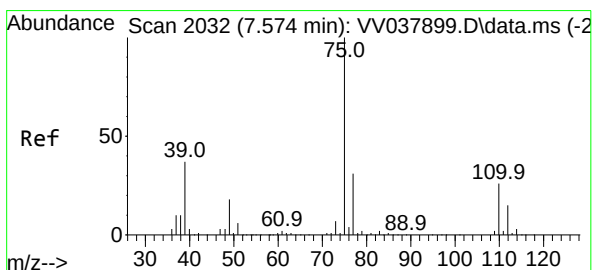
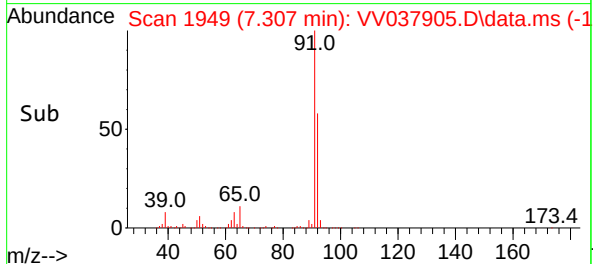
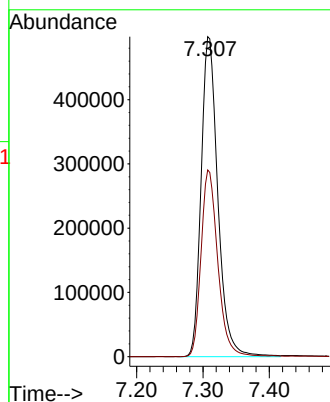
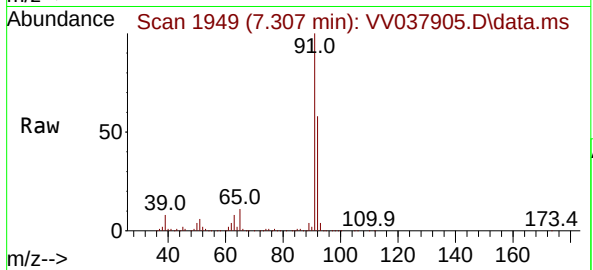
ClientSampleId :

Tgt Ion: 91 Resp: 871382

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 59.252 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037905.D

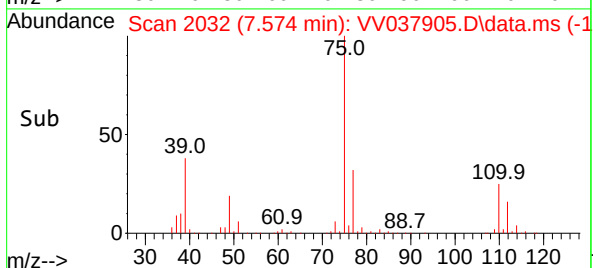
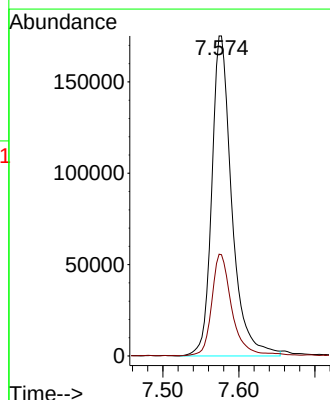
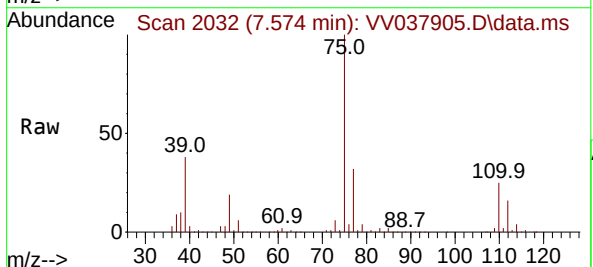
Acq: 21 Oct 2024 17:45

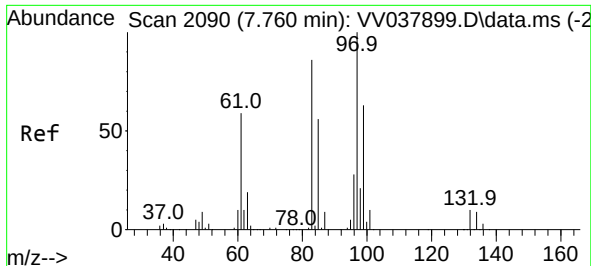
Tgt Ion: 75 Resp: 321263

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 63.082 ug/L

RT: 7.764 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 228523

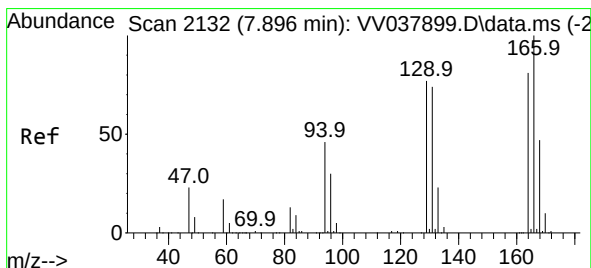
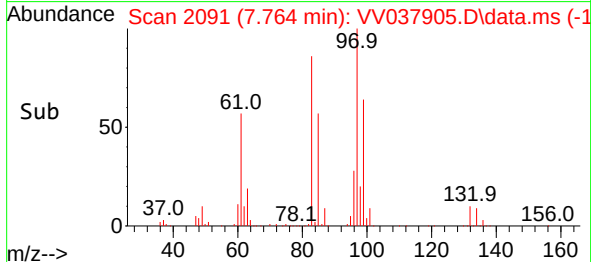
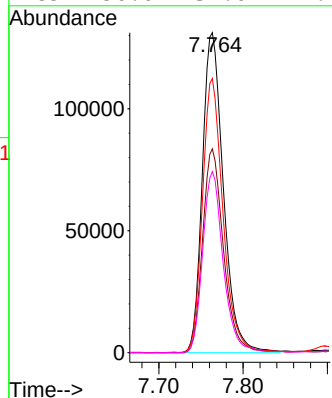
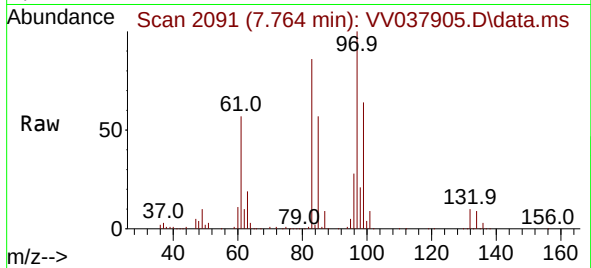
Ion Ratio Lower Upper

97 100

99 63.7 44.1 81.9

83 85.7 59.3 110.1

85 56.6 39.0 72.4



#46

Tetrachloroethene

Concen: 52.128 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Tgt Ion:164 Resp: 155073

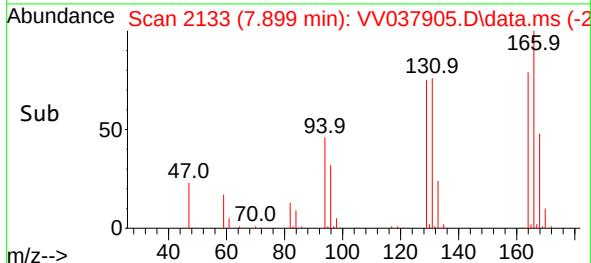
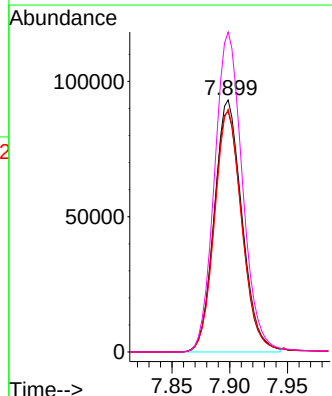
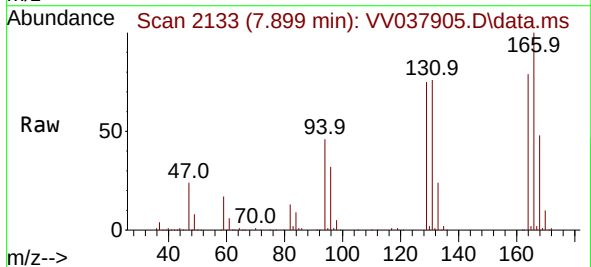
Ion Ratio Lower Upper

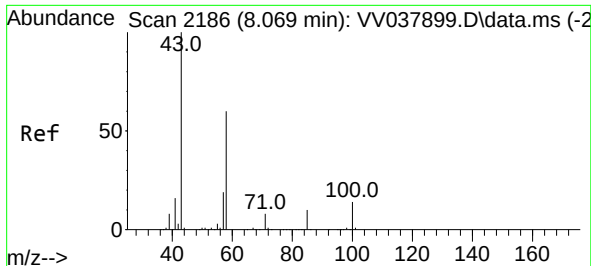
164 100

129 95.4 68.2 126.6

131 96.2 66.1 122.8

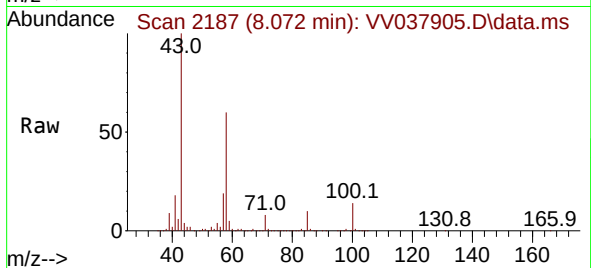
166 127.0 91.1 169.1



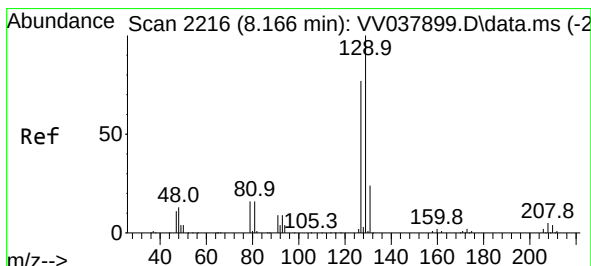
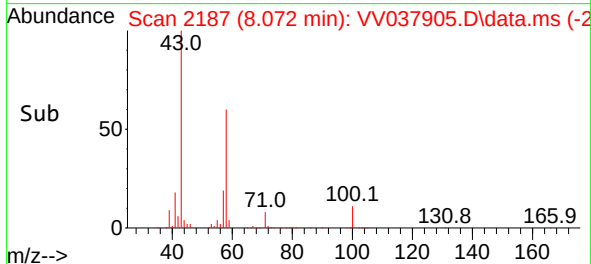
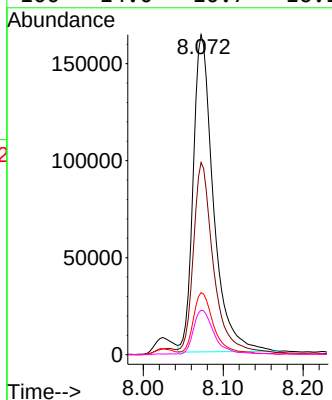


#48
2-Hexanone
Concen: 120.872 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

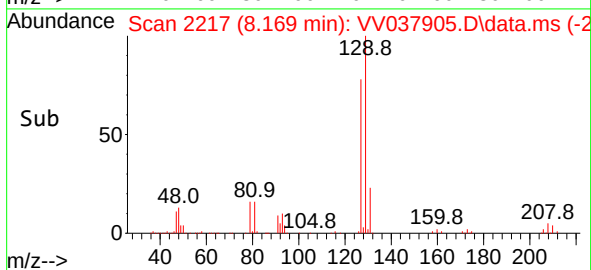
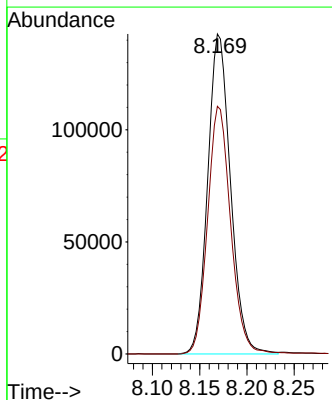
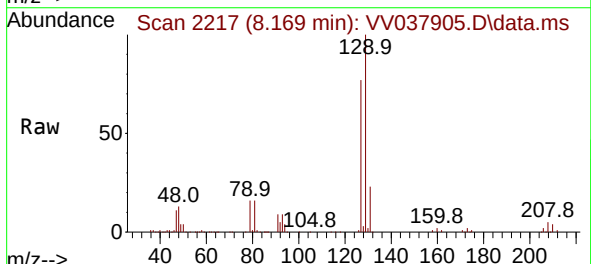


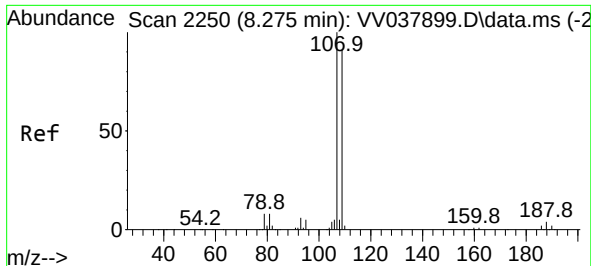
Tgt Ion: 43 Resp: 288714
Ion Ratio Lower Upper
43 100
58 60.7 46.5 69.7
57 19.5 15.1 22.7
100 14.0 10.7 16.1



#49
Dibromochloromethane
Concen: 62.546 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion: 129 Resp: 239808
Ion Ratio Lower Upper
129 100
127 77.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 60.030 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

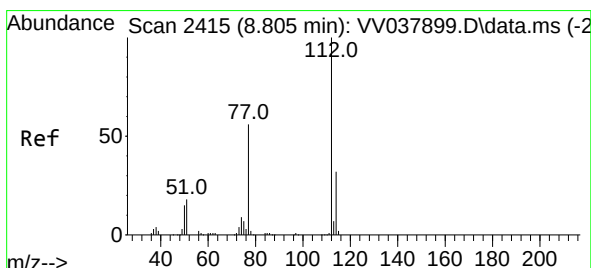
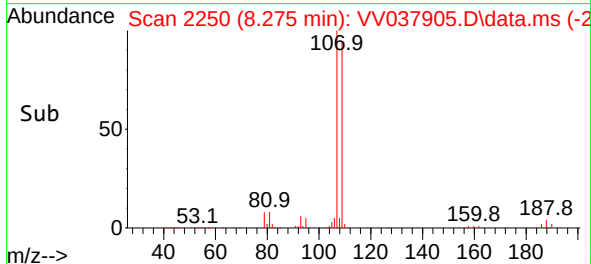
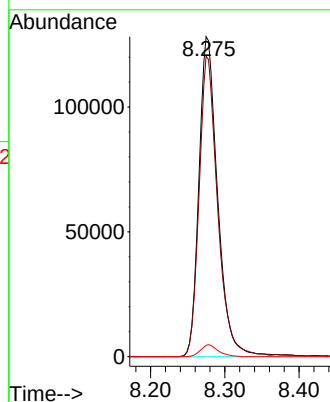
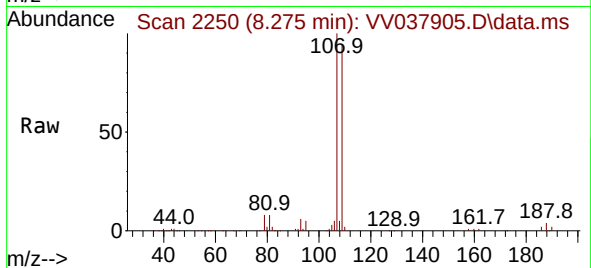
Tgt Ion:107 Resp: 224796

Ion Ratio Lower Upper

107 100

109 93.9 65.7 121.9

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 57.048 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

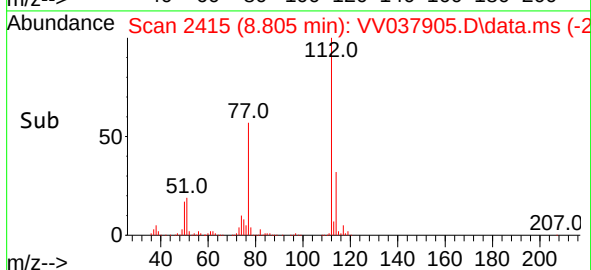
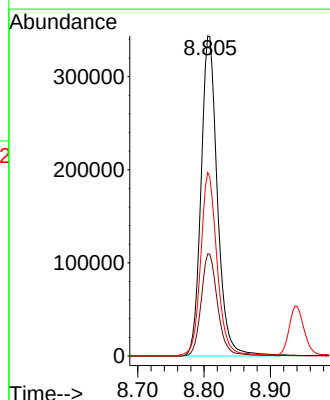
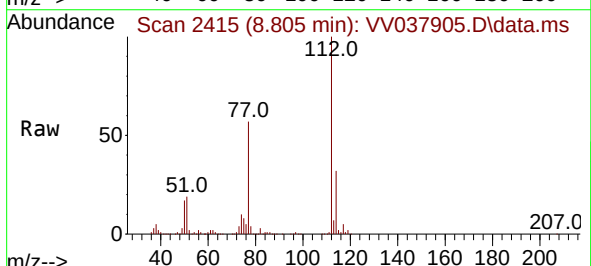
Tgt Ion:112 Resp: 588690

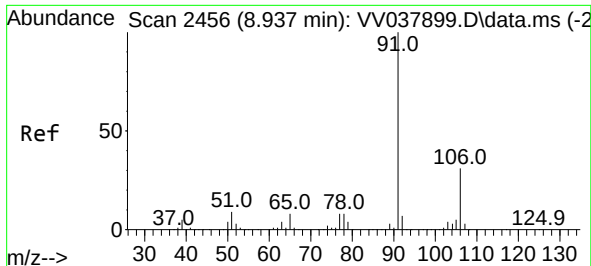
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 57.3 45.8 68.8

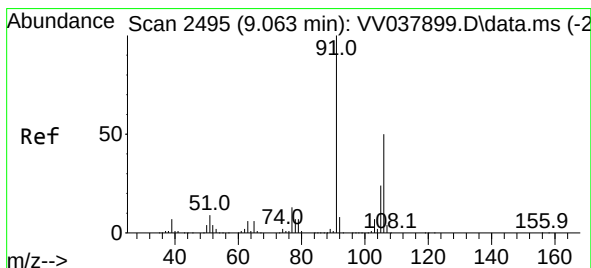
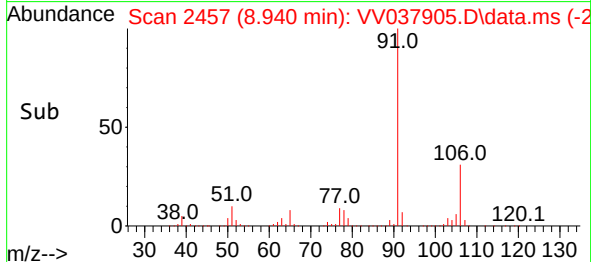
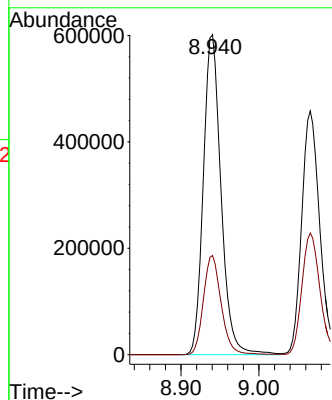
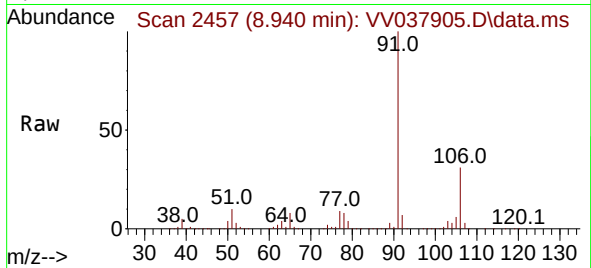




#52
Ethylbenzene
Concen: 55.640 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

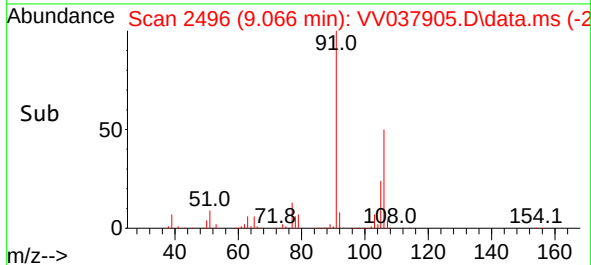
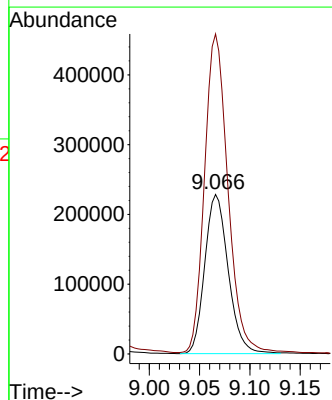
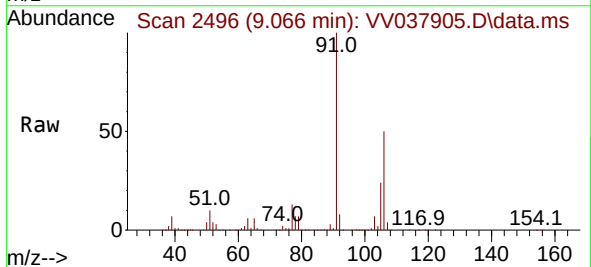
Instrument :
MSVOA_V
ClientSampleId :

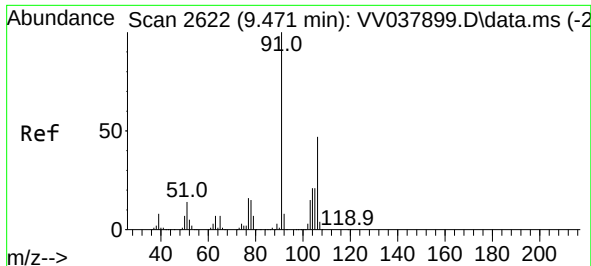
Tgt Ion: 91 Resp: 948632
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 58.285 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion: 106 Resp: 369834
Ion Ratio Lower Upper
106 100
91 200.5 142.0 263.6

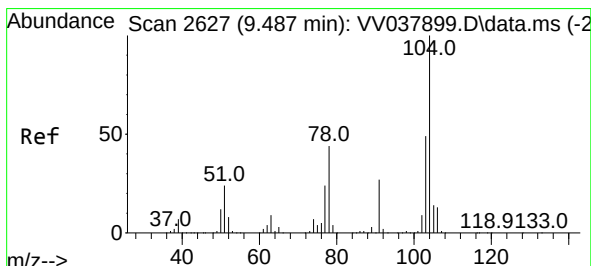
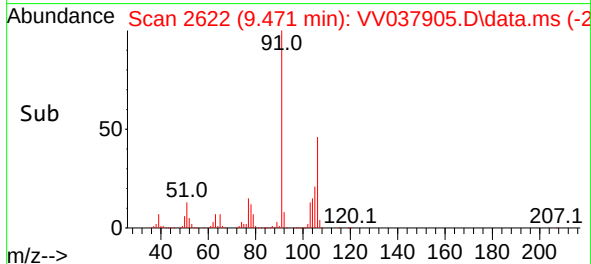
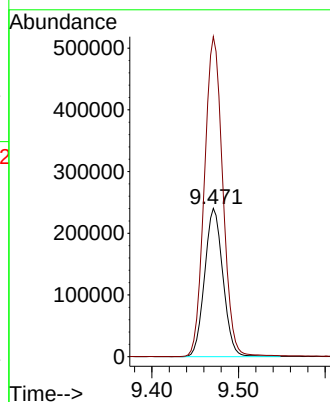
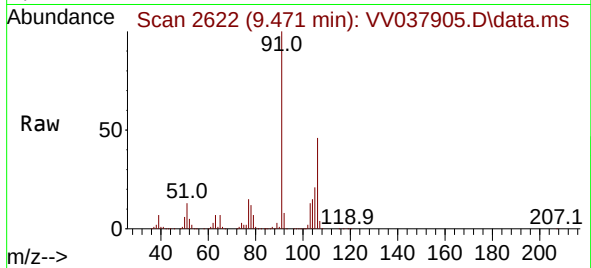




#54
o-Xylene
Concen: 57.109 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

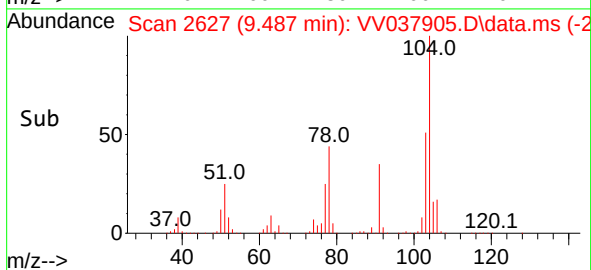
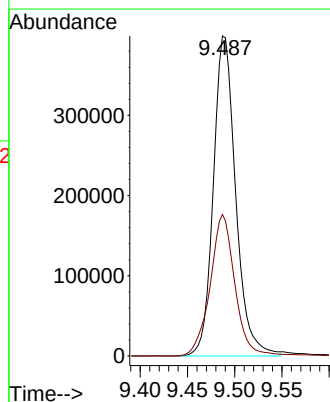
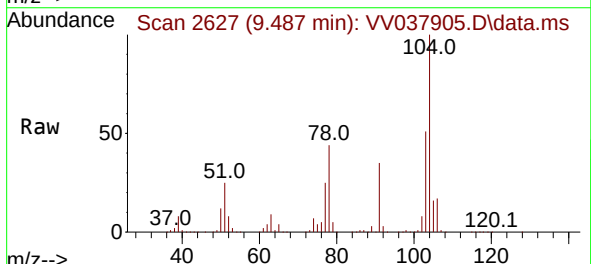
Instrument :
MSVOA_V
ClientSampleId :

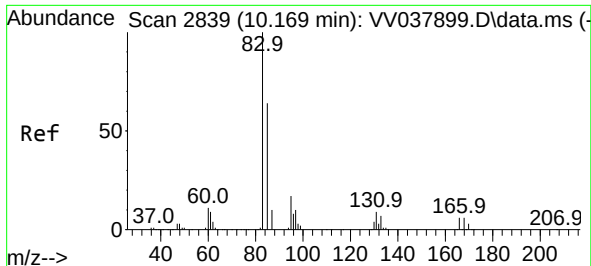
Tgt Ion:106 Resp: 353781
Ion Ratio Lower Upper
106 100
91 215.8 153.9 285.9



#55
Styrene
Concen: 60.918 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion:104 Resp: 656956
Ion Ratio Lower Upper
104 100
78 44.2 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 63.039 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

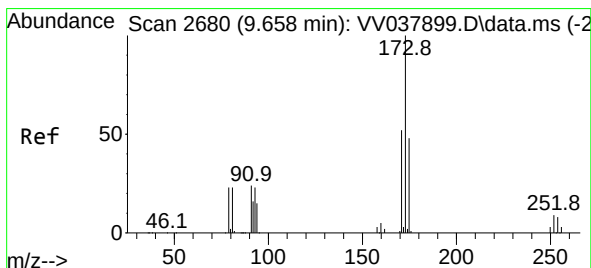
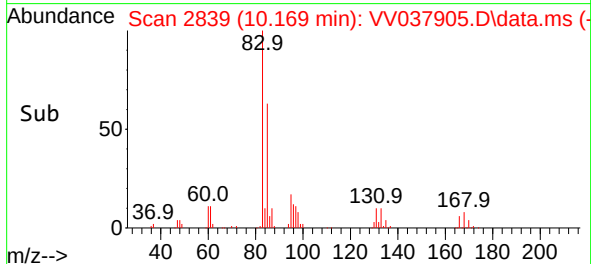
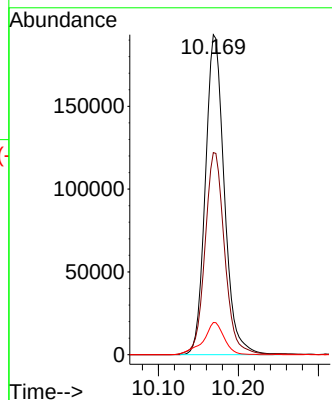
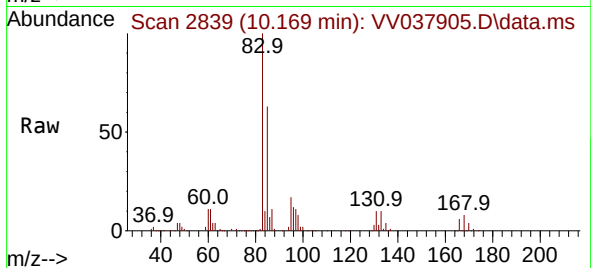
Tgt Ion: 83 Resp: 318393

Ion Ratio Lower Upper

83 100

85 63.2 45.9 85.3

131 10.0 7.9 11.9



#59

Bromoform

Concen: 61.331 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

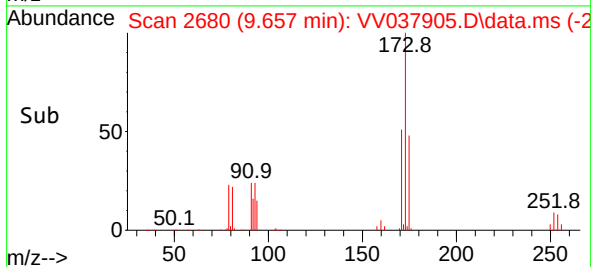
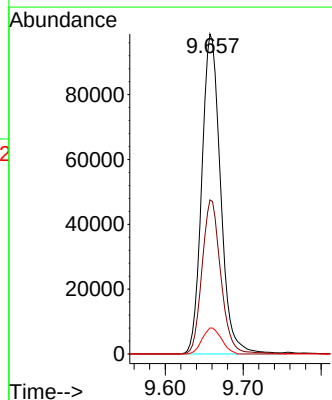
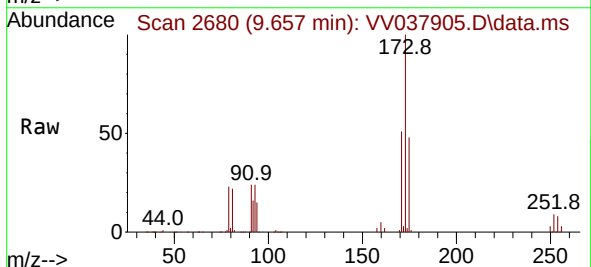
Tgt Ion: 173 Resp: 165121

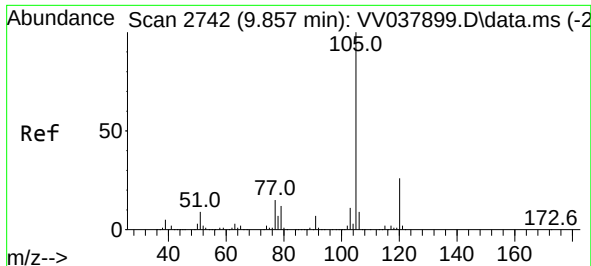
Ion Ratio Lower Upper

173 100

175 47.9 40.0 60.0

254 8.4 6.5 9.7

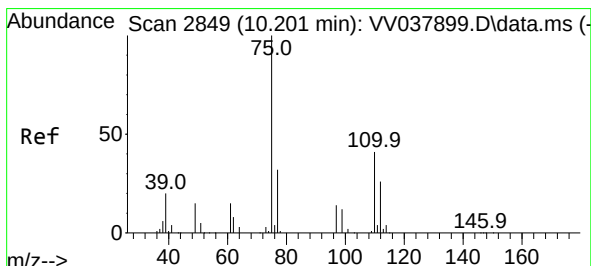
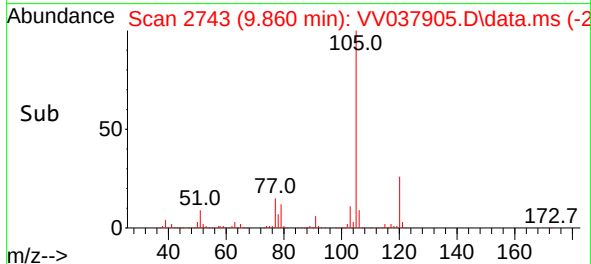
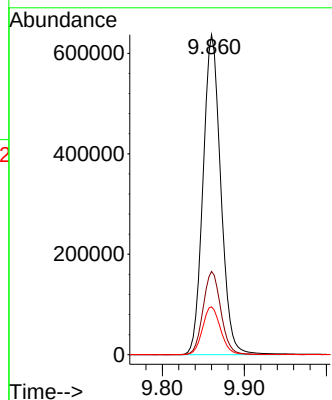
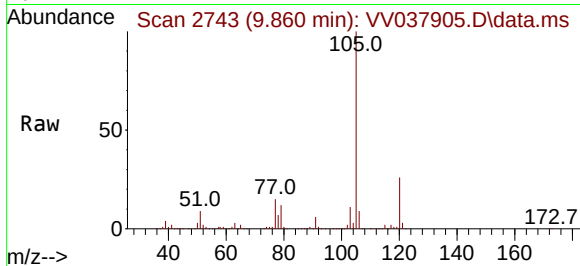




#60
Isopropylbenzene
Concen: 53.423 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

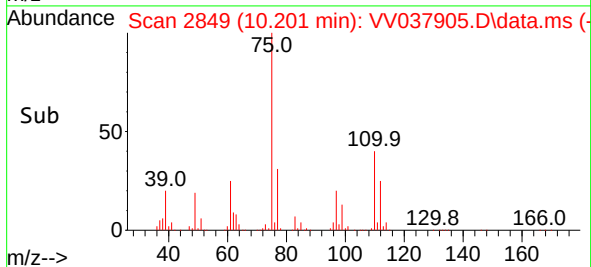
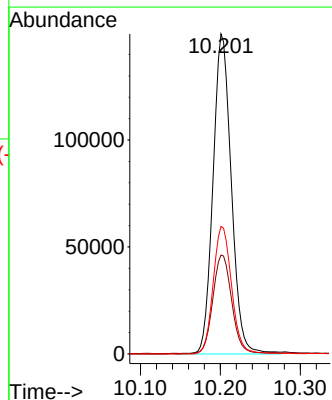
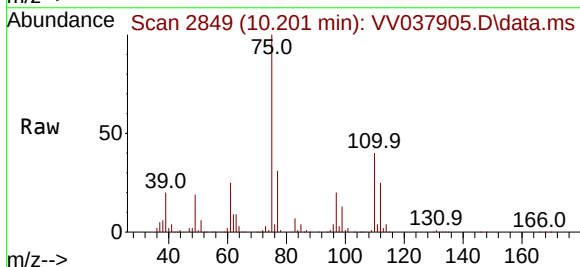
Instrument :
MSVOA_V
ClientSampleId :

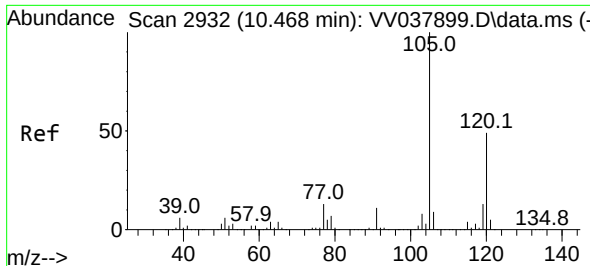
Tgt Ion:105 Resp: 956739
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 60.682 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion: 75 Resp: 237855
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
110 40.0 31.7 47.5

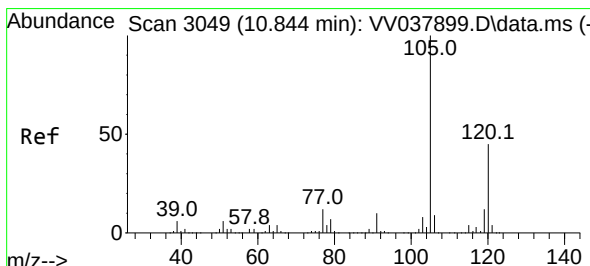
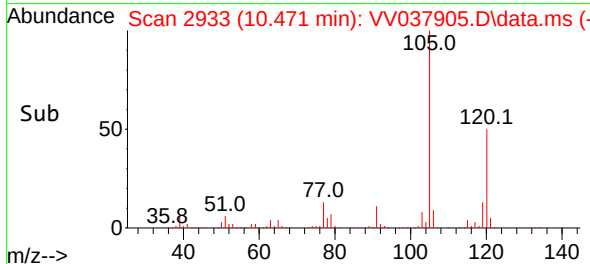
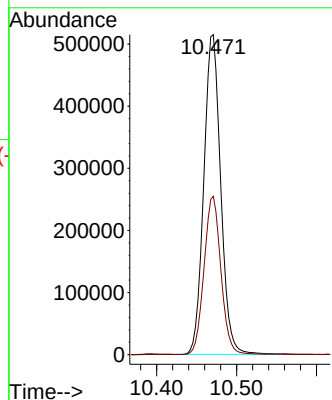
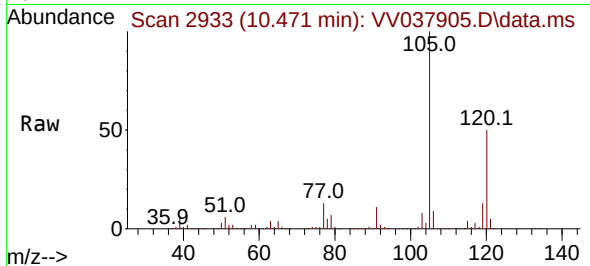




#62
 1,3,5-Trimethylbenzene
 Concen: 53.611 ug/L
 RT: 10.471 min Scan# 2933
 Delta R.T. 0.003 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

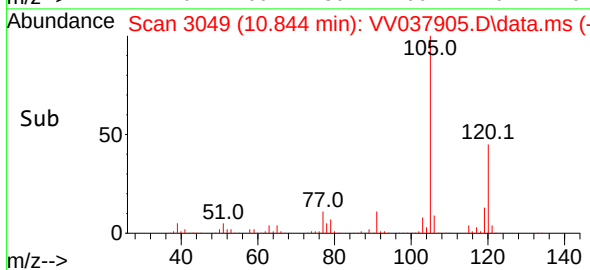
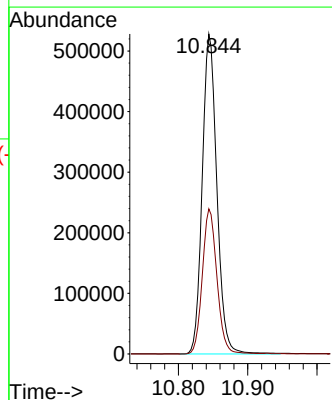
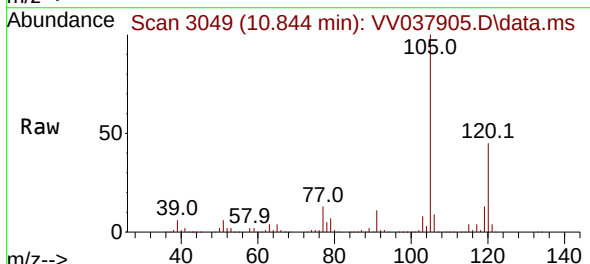
Instrument :
 MSVOA_V
 ClientSampleId :

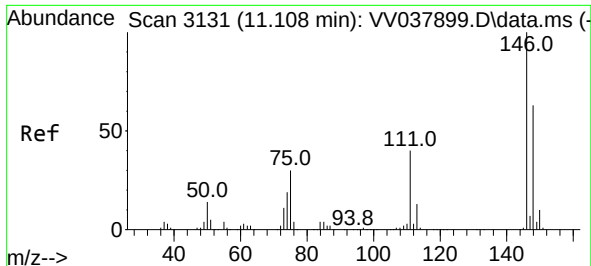
Tgt Ion:105 Resp: 759061
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 54.777 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV037905.D
 Acq: 21 Oct 2024 17:45

Tgt Ion:105 Resp: 771673
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.2 54.2

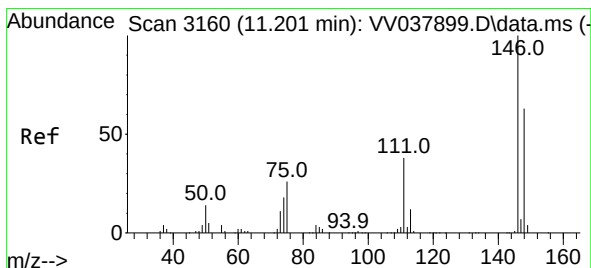
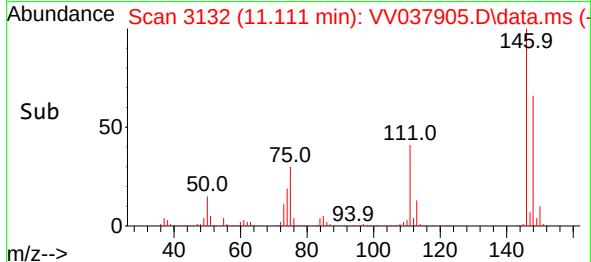
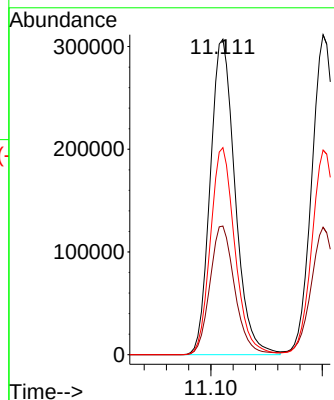
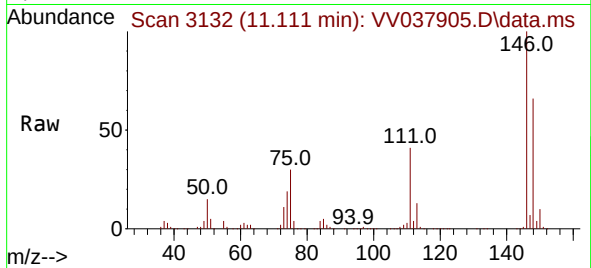




#64
1,3-Dichlorobenzene
Concen: 55.186 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

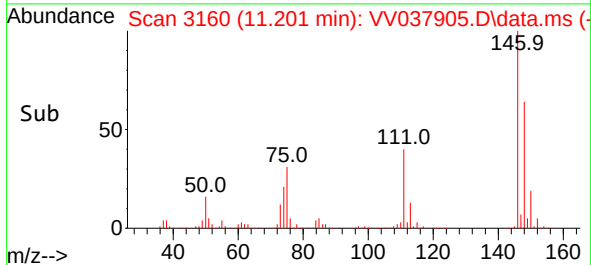
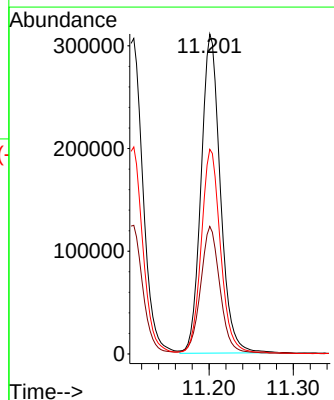
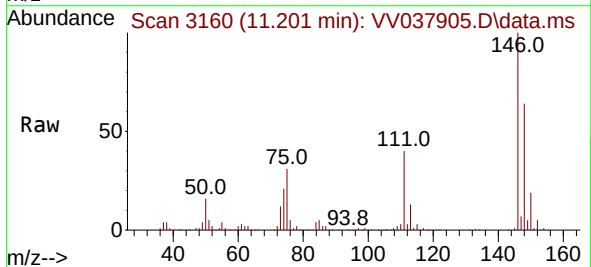
Instrument :
MSVOA_V
ClientSampleId :

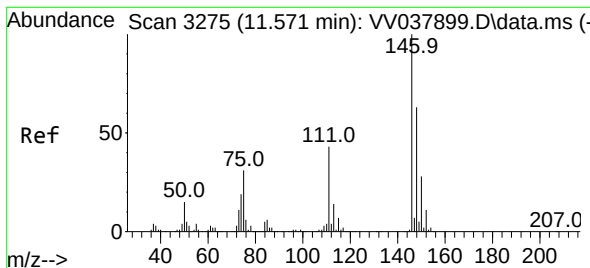
Tgt Ion:146 Resp: 475707
Ion Ratio Lower Upper
146 100
111 40.8 28.3 52.5
148 65.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 55.140 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037905.D
Acq: 21 Oct 2024 17:45

Tgt Ion:146 Resp: 494939
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.4
148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 56.648 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

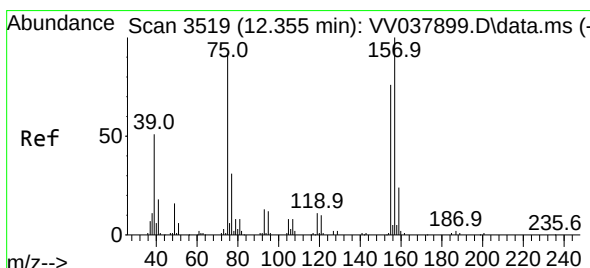
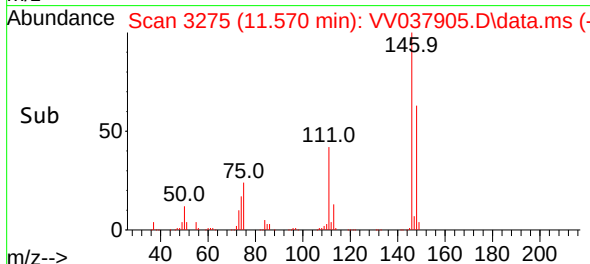
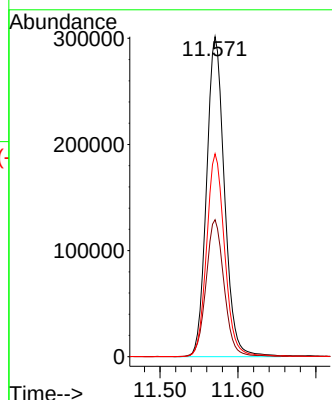
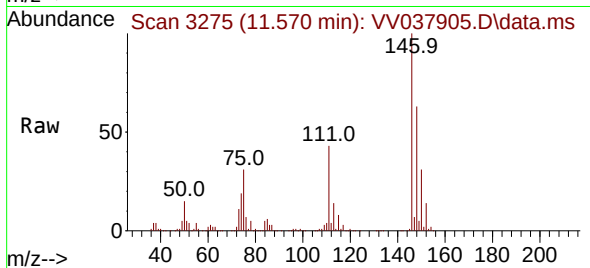
Tgt Ion:146 Resp: 482722

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.2

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 58.549 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

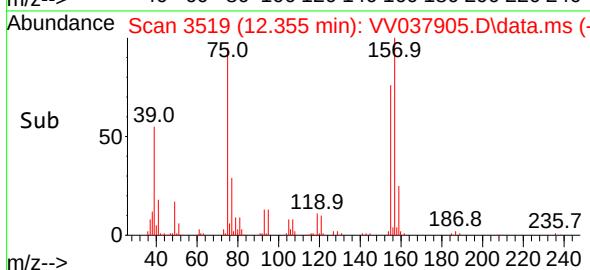
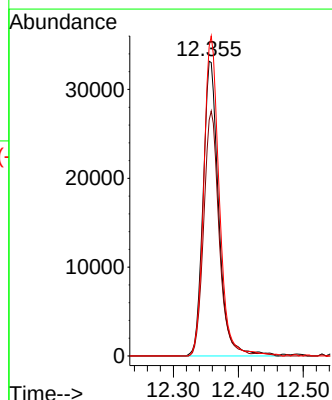
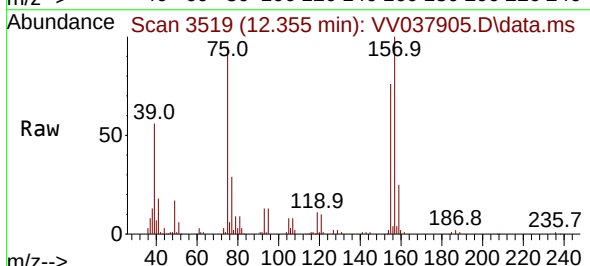
Tgt Ion: 75 Resp: 55708

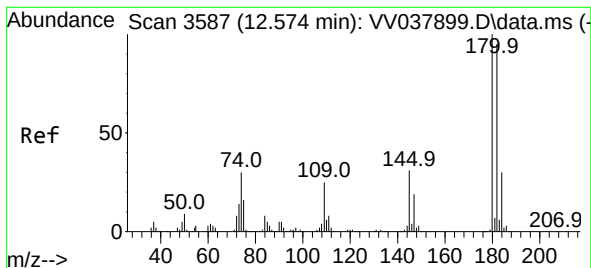
Ion Ratio Lower Upper

75 100

155 80.0 66.2 99.4

157 105.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 53.246 ug/L

RT: 12.574 min Scan# 31

Delta R.T. -0.000 min

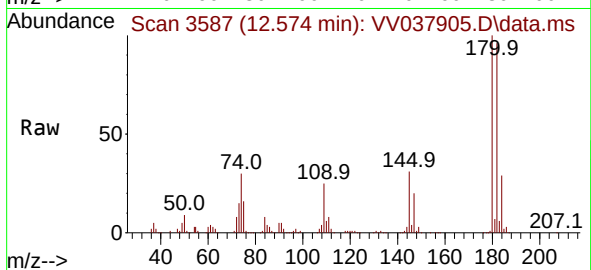
Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 315634

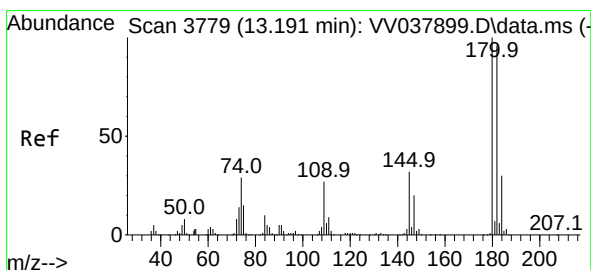
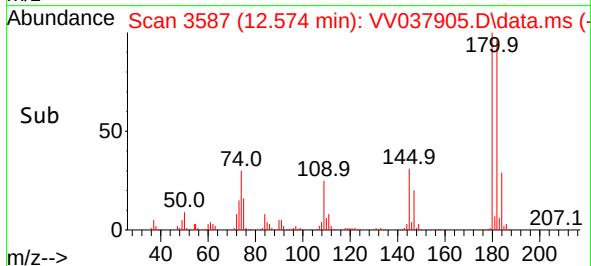
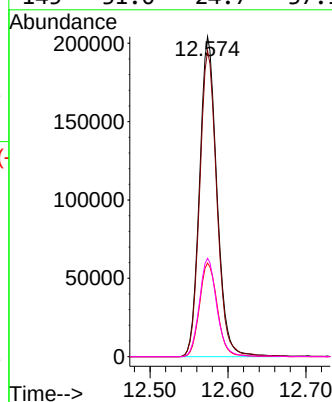
Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

184 29.7 23.8 35.6

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 52.435 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

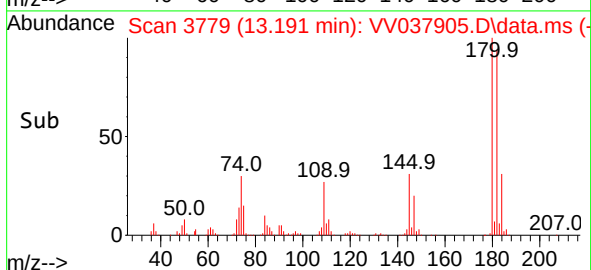
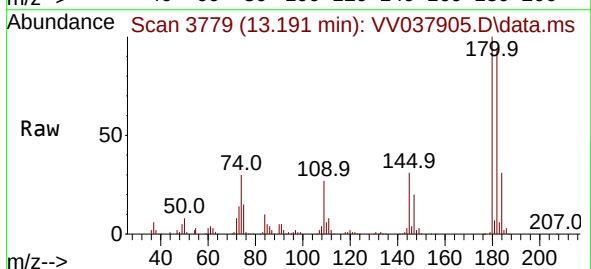
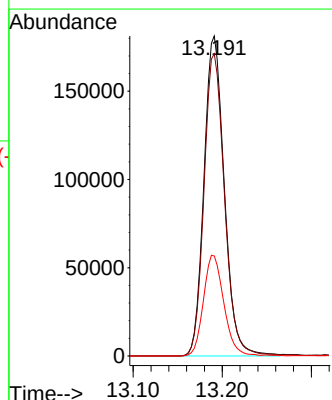
Tgt Ion:180 Resp: 288386

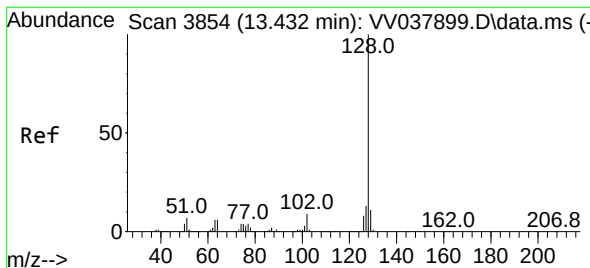
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 31.4 25.4 38.2





#71

Naphthalene

Concen: 53.734 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

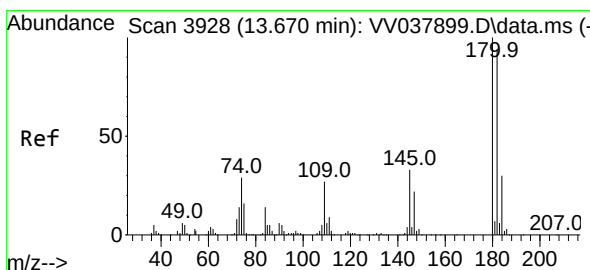
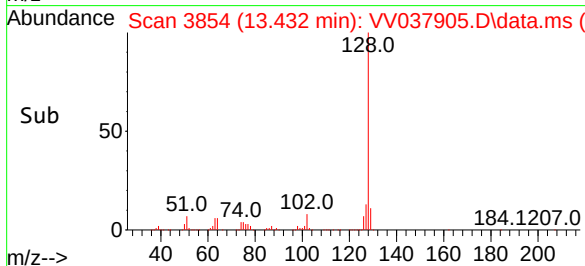
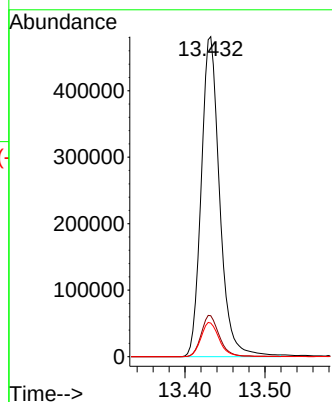
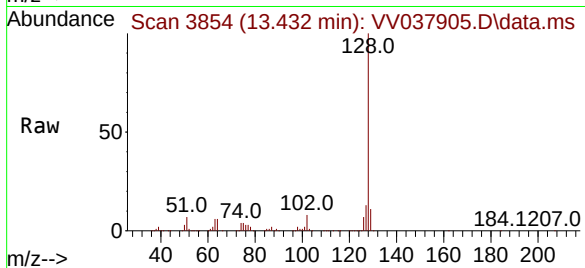
Tgt Ion:128 Resp: 772123

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 53.959 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV037905.D

Acq: 21 Oct 2024 17:45

Tgt Ion:180 Resp: 293062

Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.8

145 34.0 26.2 39.4

