

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100424\
 Data File : VV037745.D
 Acq On : 04 Oct 2024 16:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 04:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 07 04:10:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	618270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	604403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334884	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	254239	46.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.680%
7) Chloroethane-d5	1.532	69	208365	49.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.920%
11) 1,1-Dichloroethene-d2	2.060	65	111737	49.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.560%
21) 2-Butanone-d5	3.789	46	199872	103.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.390%
24) Chloroform-d	4.243	84	493123	51.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
26) 1,2-Dichloroethane-d4	4.937	65	283702	50.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
32) Benzene-d6	4.953	84	951928	50.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
36) 1,2-Dichloropropane-d6	5.985	67	293704	48.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.540%
41) Toluene-d8	7.236	98	870518	50.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	7.548	79	135348	48.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.760%
47) 2-Hexanone-d5	8.024	63	128782	101.268	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.270%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	358372	51.213	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.420%
66) 1,2-Dichlorobenzene-d4	11.554	152	333533	47.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.520%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	232505	44.174	ug/L	99
3) Chloromethane	1.217	50	236917	46.364	ug/L	99
5) Vinyl chloride	1.285	62	246668	45.027	ug/L	99
6) Bromomethane	1.487	94	139327	45.829	ug/L	99
8) Chloroethane	1.548	64	153383	45.426	ug/L	100
9) Trichlorofluoromethane	1.716	101	343646	46.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	203939	46.282	ug/L	100
12) 1,1-Dichloroethene	2.069	96	189902	46.136	ug/L	96
13) Acetone	2.111	43	142732	75.317	ug/L	99
14) Carbon disulfide	2.240	76	535624	41.688	ug/L	99
15) Methyl Acetate	2.371	43	167432	50.627	ug/L	100
16) Methylene chloride	2.445	84	214235	45.968	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	198081	45.489	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	604860	48.416	ug/L	100
19) 1,1-Dichloroethane	3.108	63	391232	46.893	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	227624	46.712	ug/L	99
22) 2-Butanone	3.873	43	181722	86.636	ug/L	98
23) Bromochloromethane	4.140	128	117142	46.473	ug/L	98
25) Chloroform	4.272	83	412368	47.739	ug/L	100

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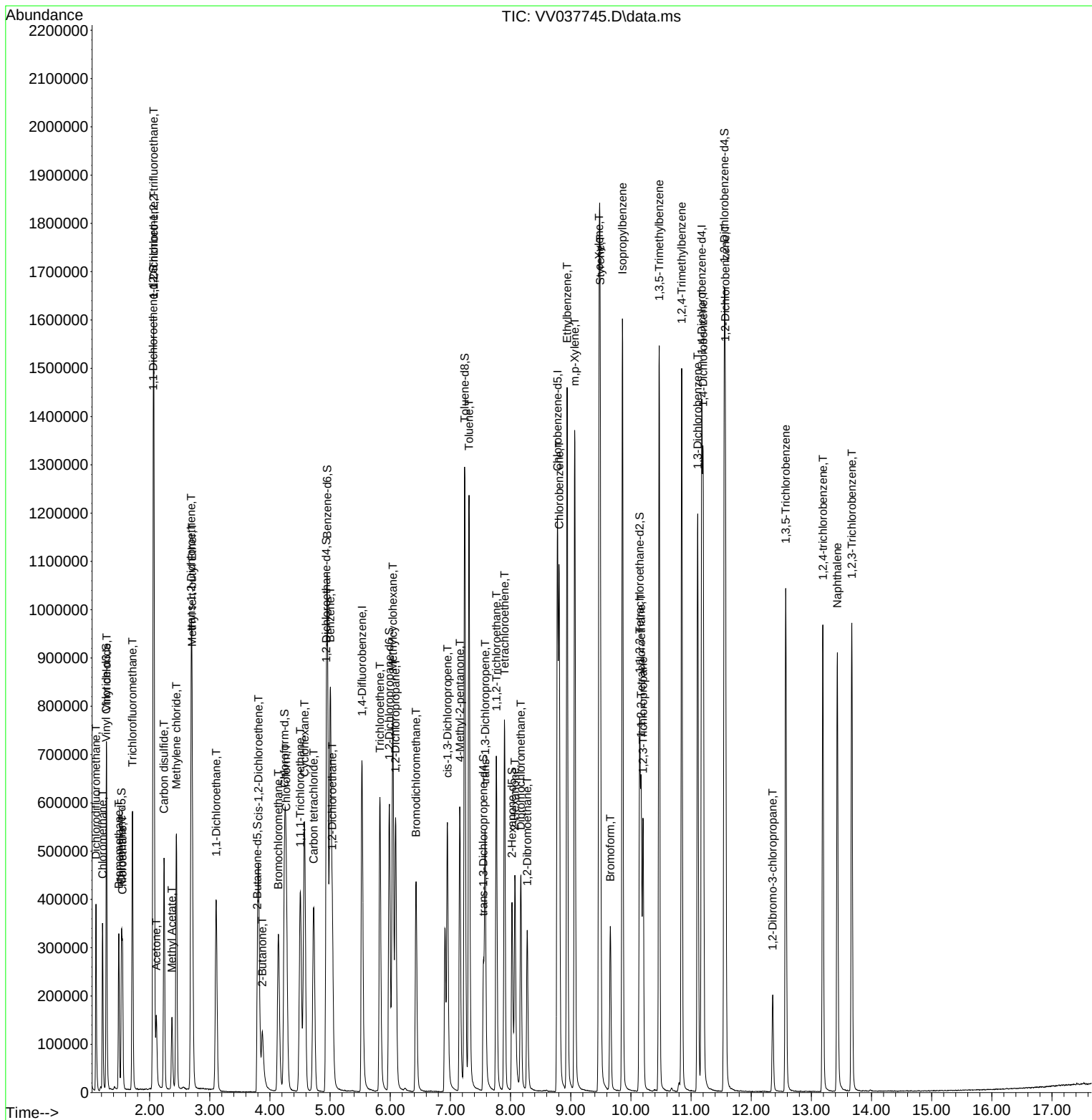
Instrument :
 MSVOA_V
 ClientSampleId :

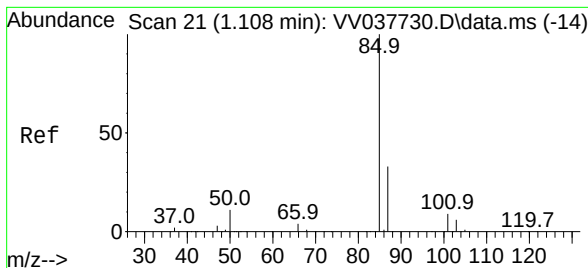
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	294842	48.350	ug/L	97
29) Cyclohexane	4.574	56	297030	43.284	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	348851	46.863	ug/L	100
31) Carbon tetrachloride	4.725	117	300404	46.417	ug/L	98
33) Benzene	5.005	78	864229	47.412	ug/L	100
34) Trichloroethene	5.828	95	223331	46.006	ug/L	98
35) Methylcyclohexane	6.043	83	325895	43.640	ug/L	98
37) 1,2-Dichloropropane	6.088	63	224647	47.726	ug/L	98
38) Bromodichloromethane	6.429	83	299229	47.555	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	361644	48.131	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	384484	100.322	ug/L	99
42) Toluene	7.310	91	916178	48.483	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	326877	48.321	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	218990	48.452	ug/L	97
46) Tetrachloroethene	7.899	164	168905	45.509	ug/L	99
48) 2-Hexanone	8.072	43	278635	93.499	ug/L	96
49) Dibromochloromethane	8.172	129	228226	47.711	ug/L	100
50) 1,2-Dibromoethane	8.278	107	220760	47.252	ug/L	99
51) Chlorobenzene	8.808	112	597354	46.398	ug/L	99
52) Ethylbenzene	8.940	91	993986	46.729	ug/L	100
53) m,p-Xylene	9.066	106	385334	48.675	ug/L	99
54) o-Xylene	9.471	106	366421	47.410	ug/L	98
55) Styrene	9.490	104	665665	49.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	305170	48.429	ug/L	100
59) Bromoform	9.657	173	151861	46.397	ug/L	97
60) Isopropylbenzene	9.860	105	998089	45.842	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	222536	46.700	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	788801	45.825	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	785617	45.871	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	480657	45.866	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	505209	46.297	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	472228	45.583	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	53091	45.897	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	312268	43.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	285776	42.740	ug/L	99
71) Naphthalene	13.432	128	718075	41.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	284595	43.102	ug/L	99

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

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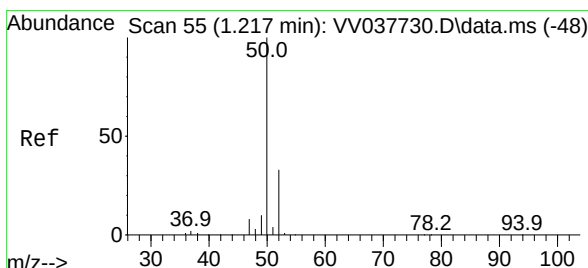
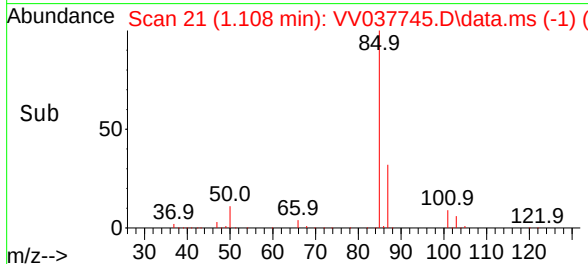
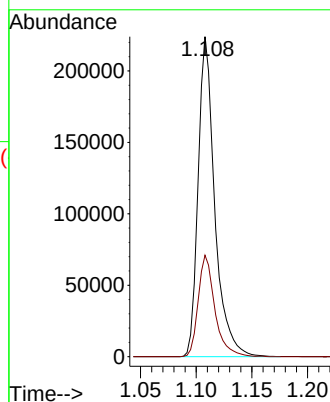
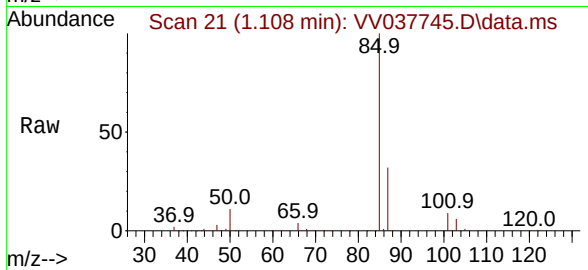




#2
 Dichlorodifluoromethane
 Concen: 44.174 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037745.D
 Acq: 04 Oct 2024 16:11

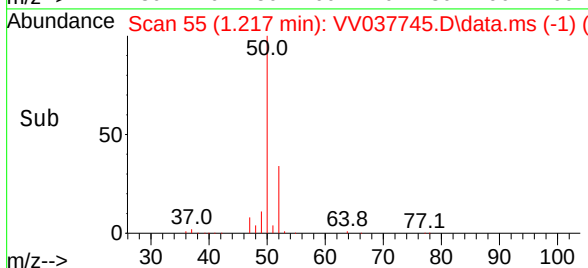
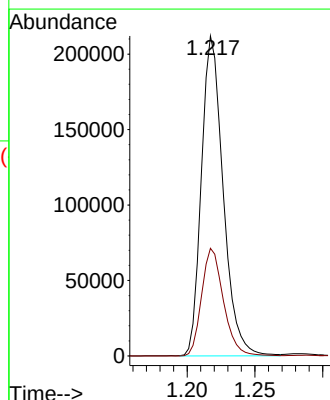
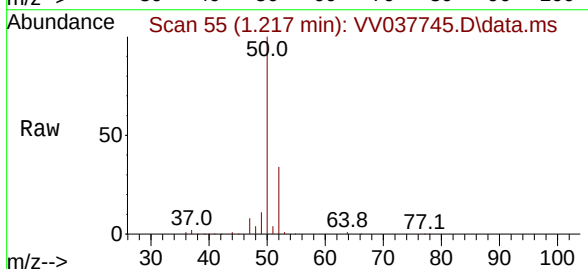
Instrument :
 MSVOA_V
 ClientSampleId :

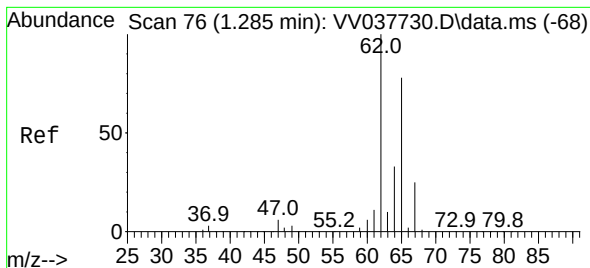
Tgt Ion: 85 Resp: 232505
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 46.364 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037745.D
 Acq: 04 Oct 2024 16:11

Tgt Ion: 50 Resp: 236917
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2





#5

Vinyl chloride

Concen: 45.027 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

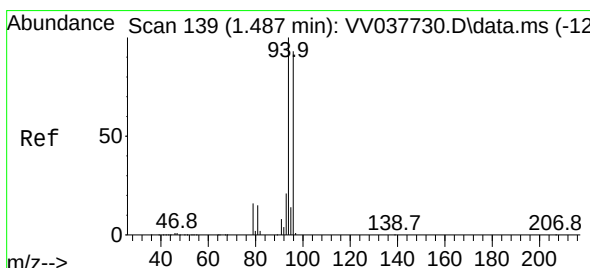
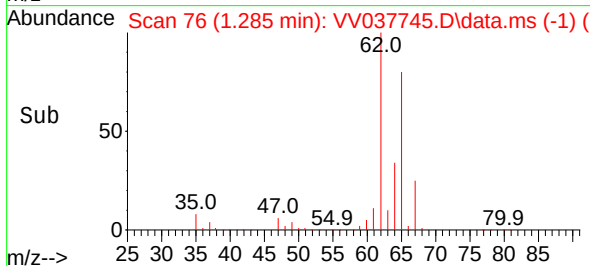
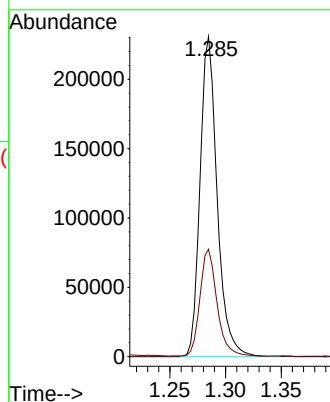
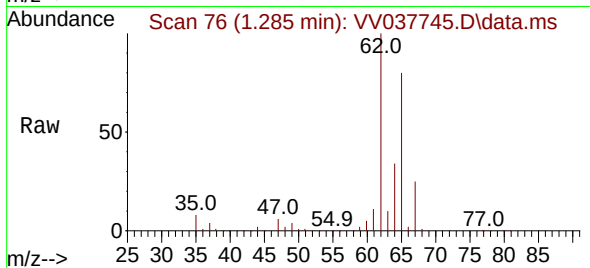
ClientSampleId :

Tgt Ion: 62 Resp: 246668

Ion Ratio Lower Upper

62 100

64 33.6 23.2 43.0



#6

Bromomethane

Concen: 45.829 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV037745.D

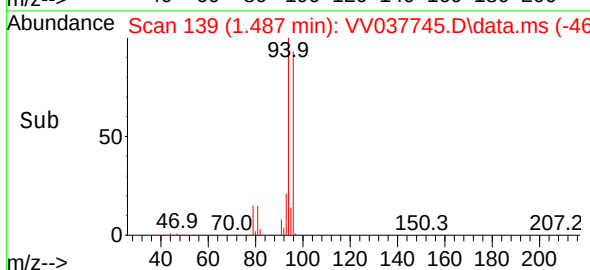
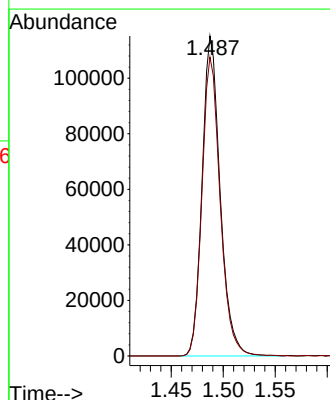
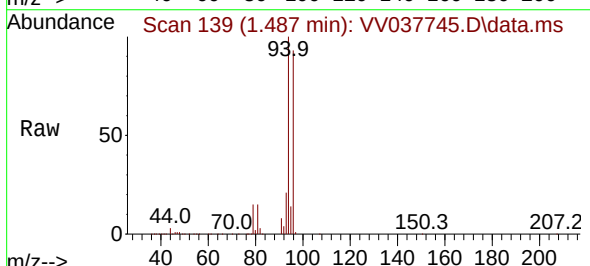
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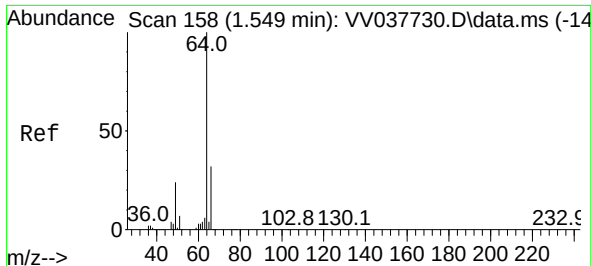
Tgt Ion: 94 Resp: 139327

Ion Ratio Lower Upper

94 100

96 93.4 65.8 122.2

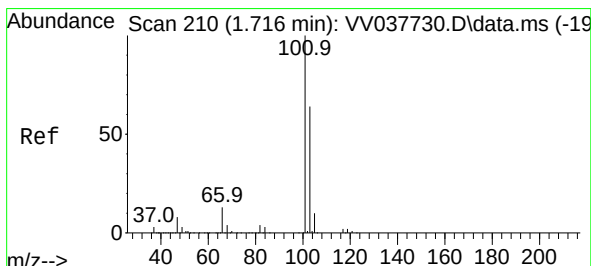
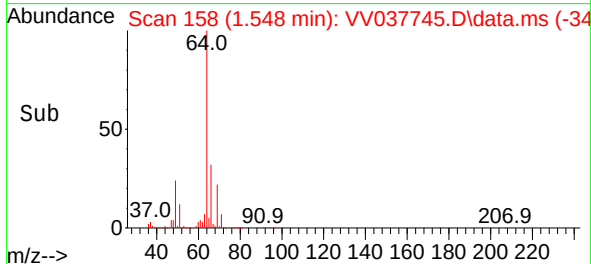
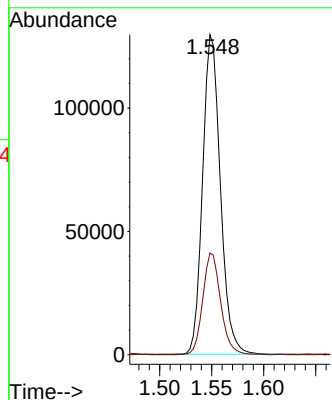
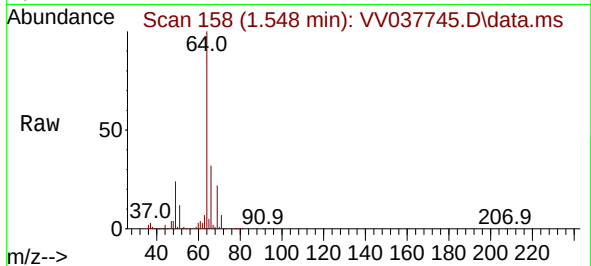




#8
Chloroethane
Concen: 45.426 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

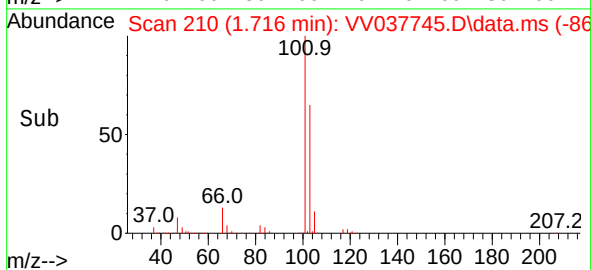
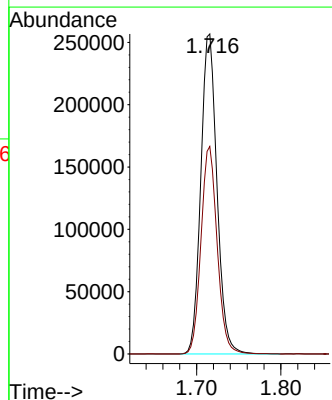
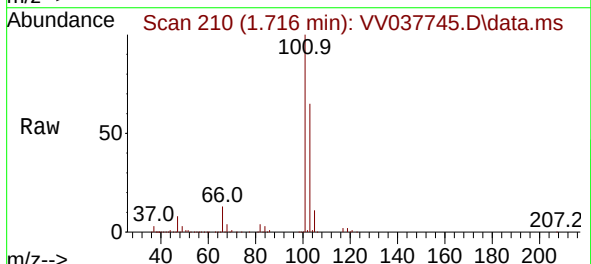
Instrument :
MSVOA_V
ClientSampleId :

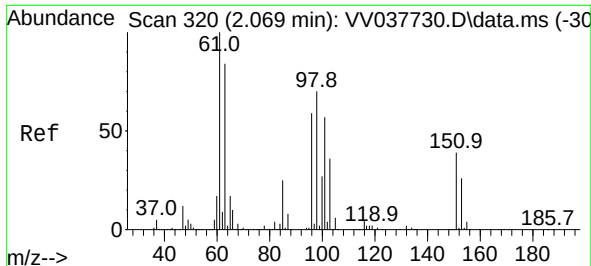
Tgt Ion: 64 Resp: 153383
Ion Ratio Lower Upper
64 100
66 31.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 46.602 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion:101 Resp: 343646
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

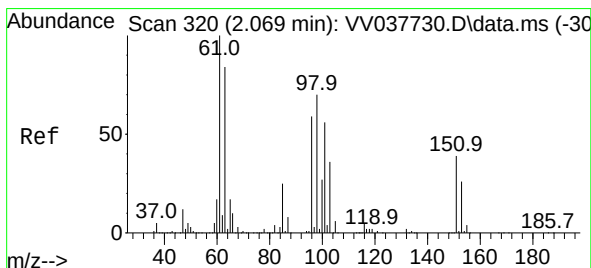
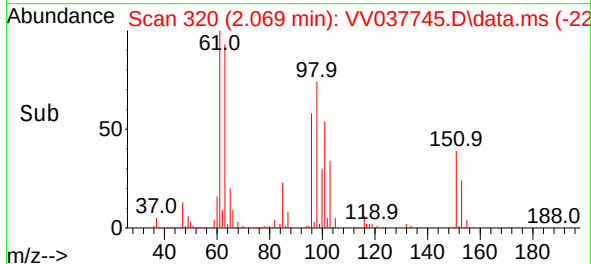
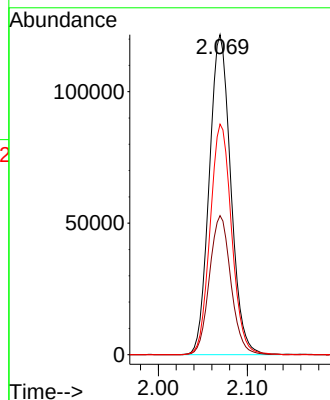
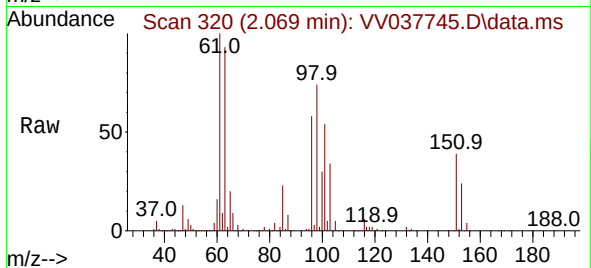




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.282 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

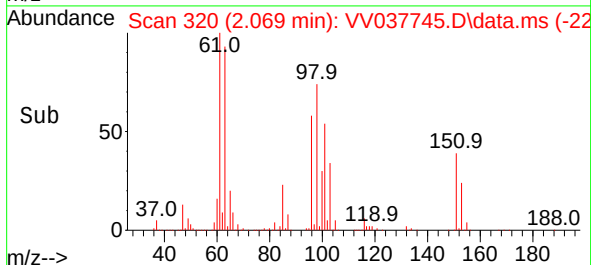
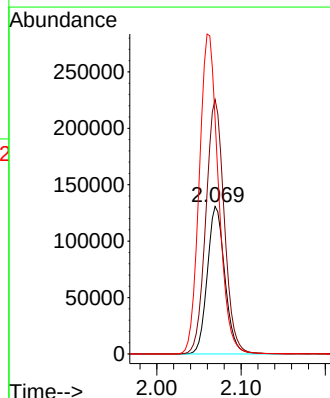
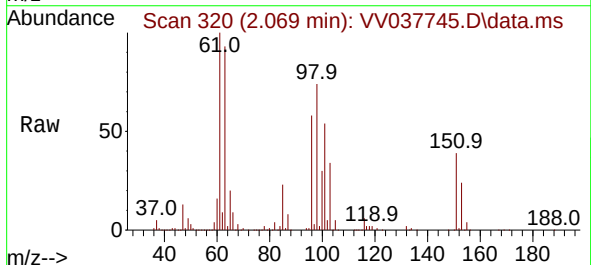
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ClientSampleId :

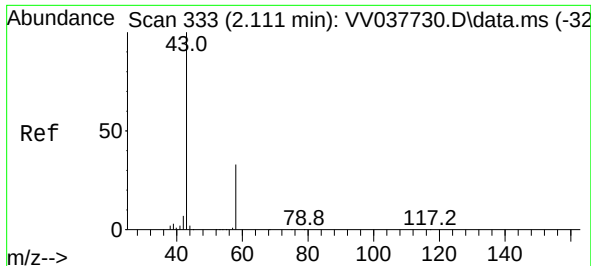
Tgt Ion:101 Resp: 203939
Ion Ratio Lower Upper
101 100
85 43.3 34.6 52.0
151 72.2 57.5 86.3



#12
1,1-Dichloroethene
Concen: 46.136 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 96 Resp: 189902
Ion Ratio Lower Upper
96 100
61 172.4 122.6 227.6
63 159.7 118.0 219.2





#13

Acetone

Concen: 75.317 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

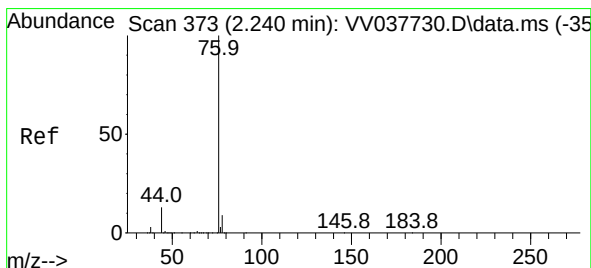
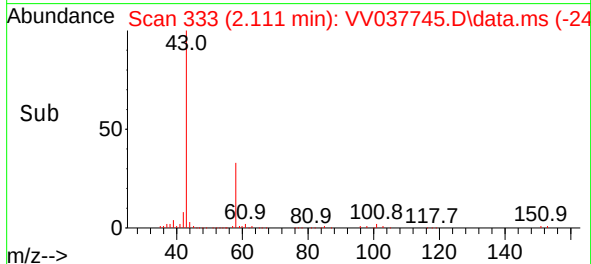
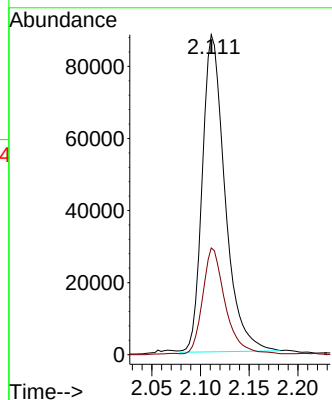
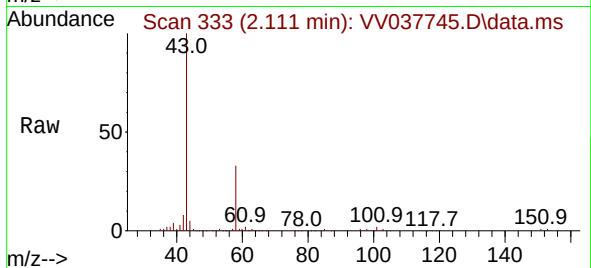
ClientSampleId :

Tgt Ion: 43 Resp: 142732

Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.6



#14

Carbon disulfide

Concen: 41.688 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037745.D

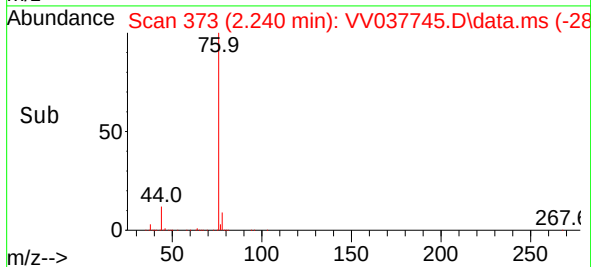
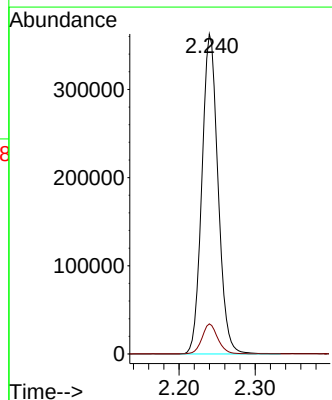
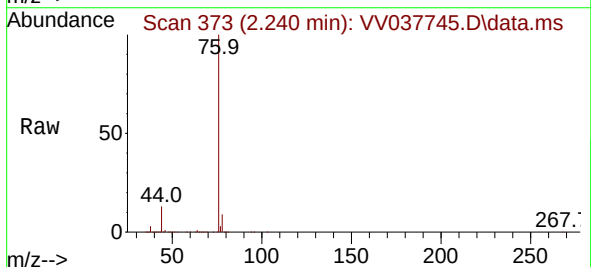
Acq: 04 Oct 2024 16:11

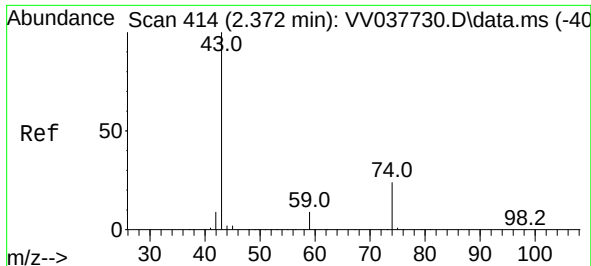
Tgt Ion: 76 Resp: 535624

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 50.627 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

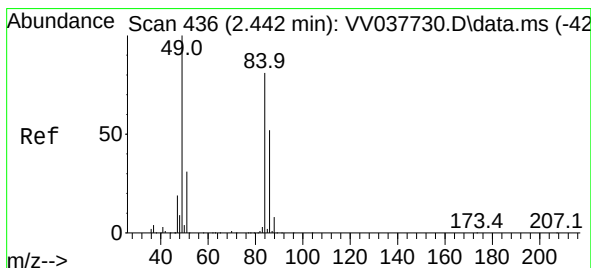
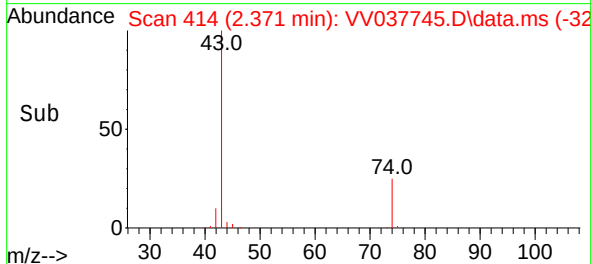
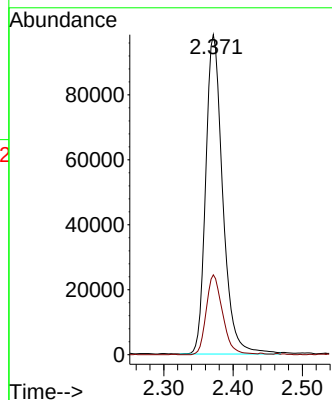
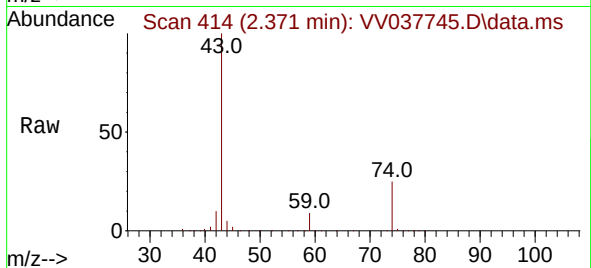
ClientSampleId :

Tgt Ion: 43 Resp: 167432

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.0



#16

Methylene chloride

Concen: 45.968 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

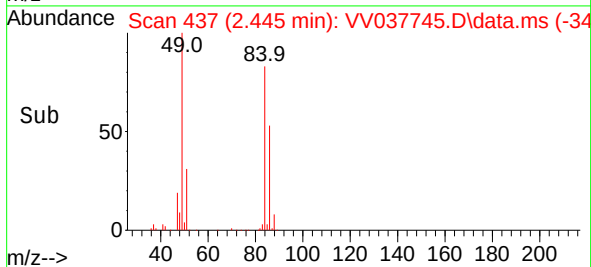
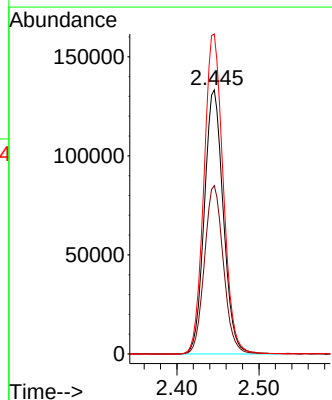
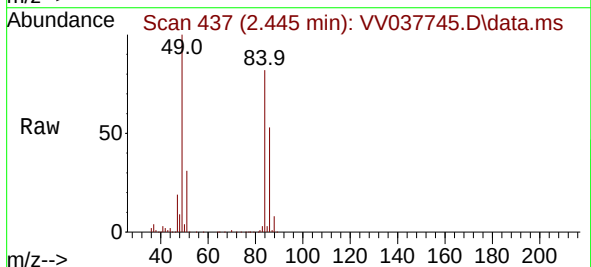
Tgt Ion: 84 Resp: 214235

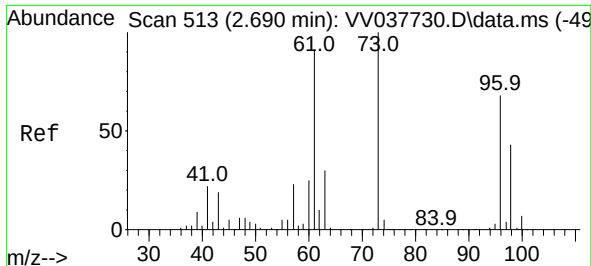
Ion Ratio Lower Upper

84 100

86 63.8 46.4 86.2

49 121.2 85.9 159.5

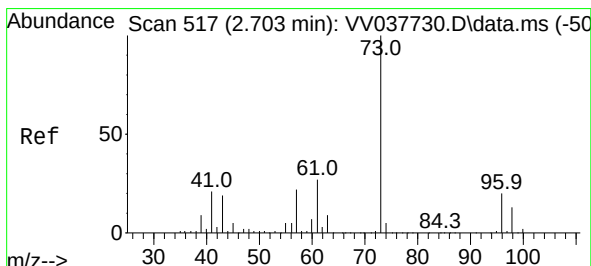
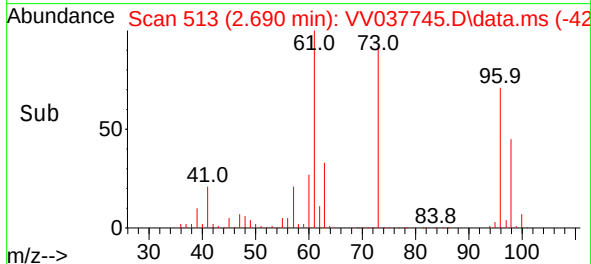
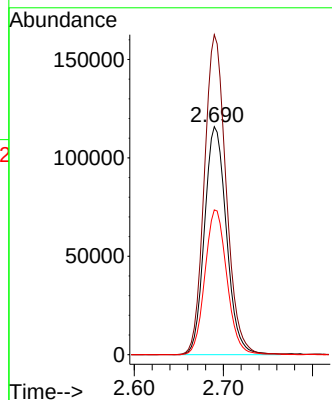
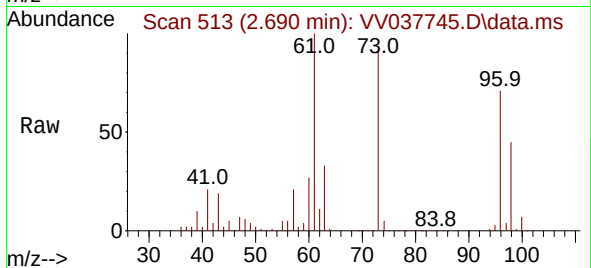




#17
trans-1,2-Dichloroethene
Concen: 45.489 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

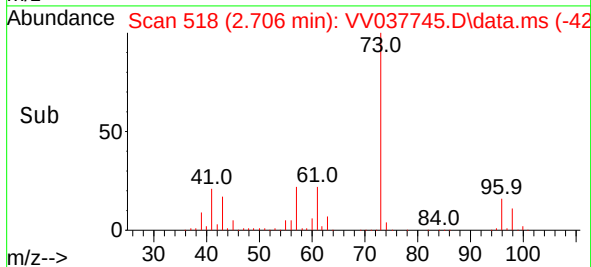
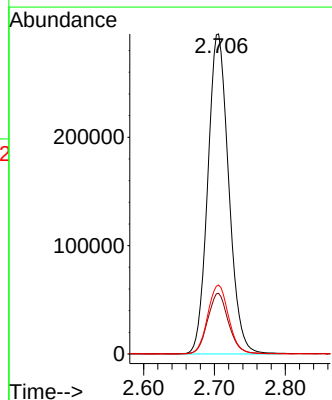
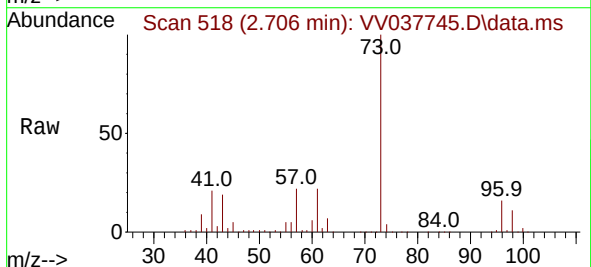
Instrument :
MSVOA_V
ClientSampleId :

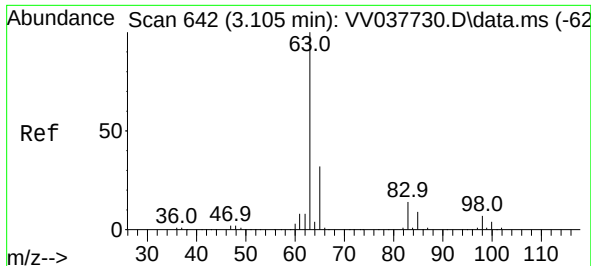
Tgt Ion: 96 Resp: 198081
Ion Ratio Lower Upper
96 100
61 140.3 97.3 180.7
98 63.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 48.416 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 73 Resp: 604860
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7
57 21.7 17.4 26.2

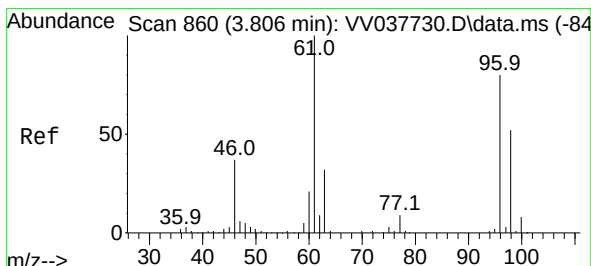
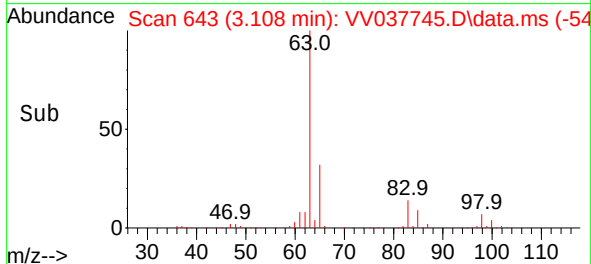
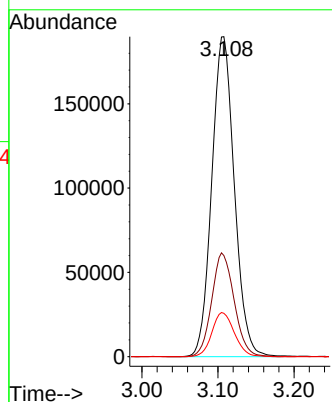
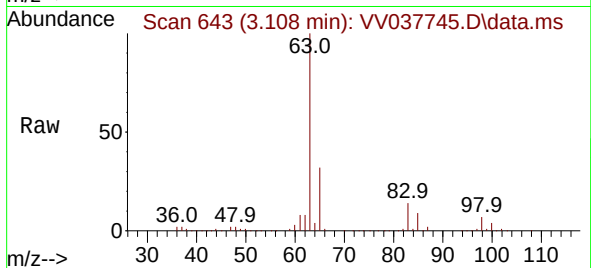




#19
1,1-Dichloroethane
Concen: 46.893 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

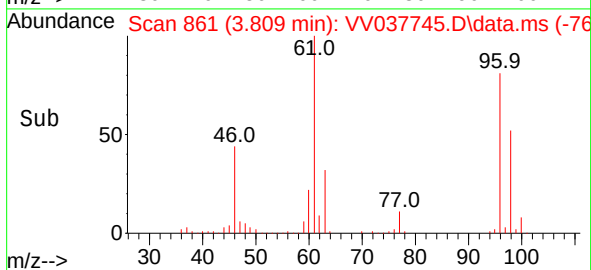
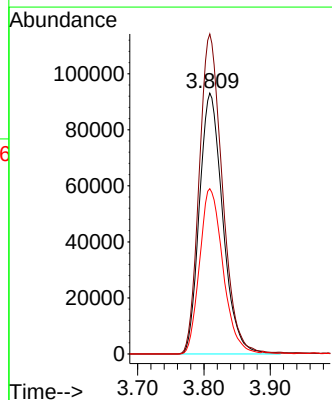
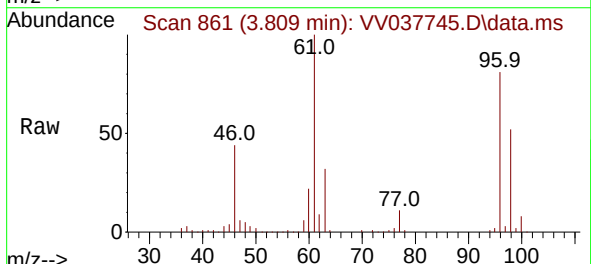
Instrument :
MSVOA_V
ClientSampleId :

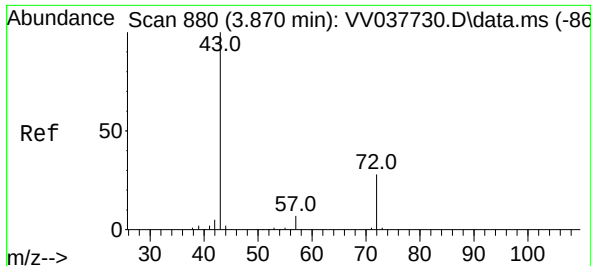
Tgt Ion: 63 Resp: 391232
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 46.712 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 96 Resp: 227624
Ion Ratio Lower Upper
96 100
61 122.7 85.0 157.8
98 63.4 44.2 82.0





#22

2-Butanone

Concen: 86.636 ug/L

RT: 3.873 min Scan# 880

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

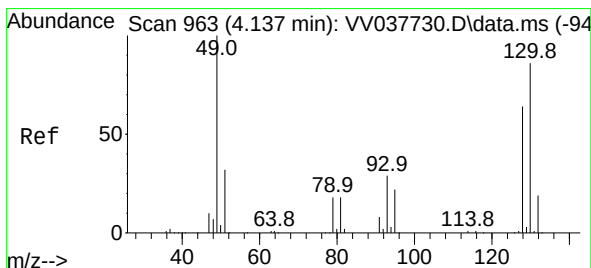
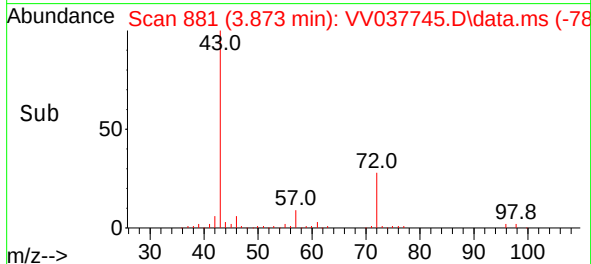
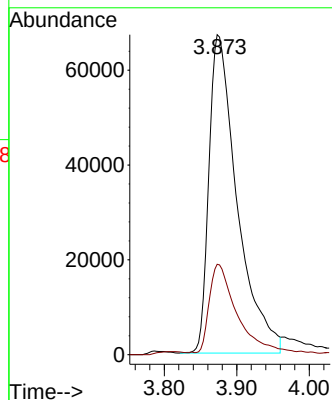
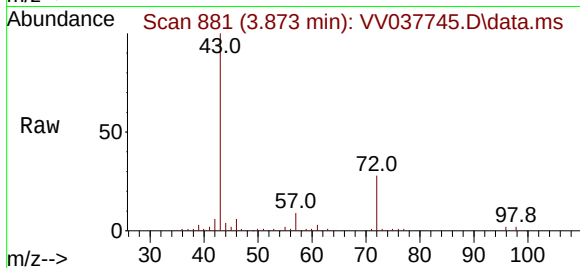
ClientSampleId :

Tgt Ion: 43 Resp: 181722

Ion Ratio Lower Upper

43 100

72 27.4 14.3 42.9



#23

Bromochloromethane

Concen: 46.473 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Tgt Ion: 128 Resp: 117142

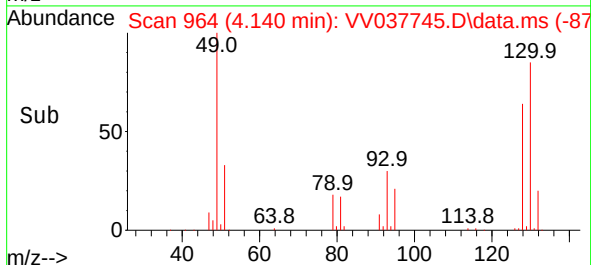
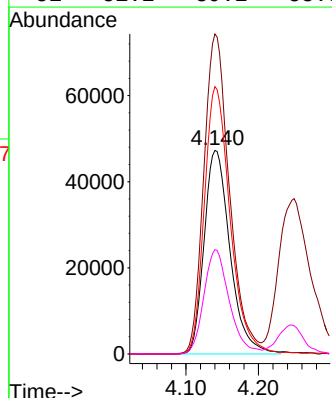
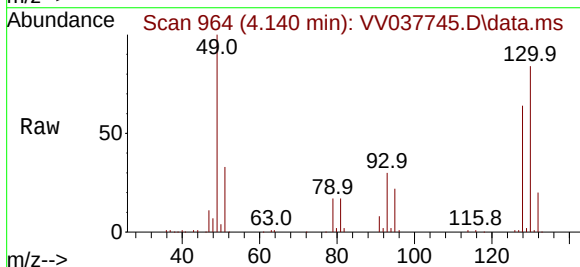
Ion Ratio Lower Upper

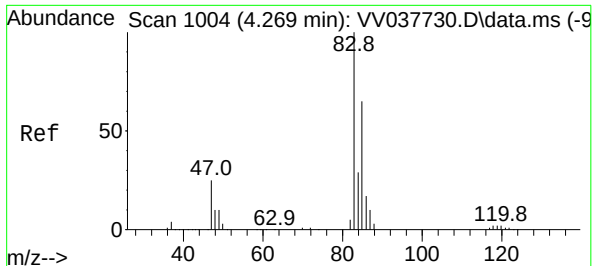
128 100

49 157.2 108.7 201.9

130 131.3 90.4 168.0

51 51.2 39.2 58.8





#25

Chloroform

Concen: 47.739 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

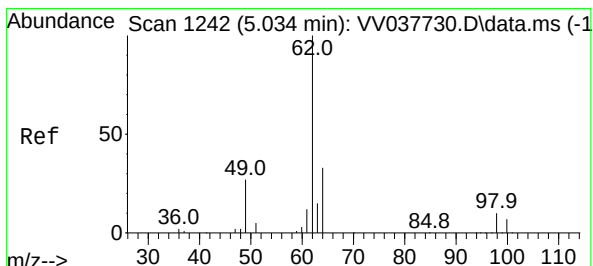
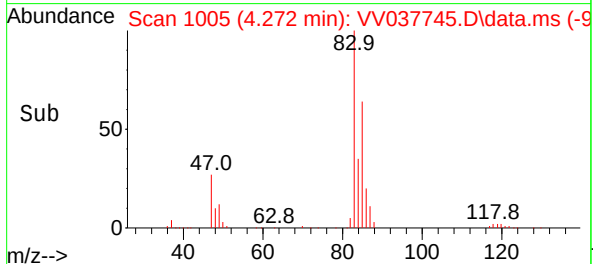
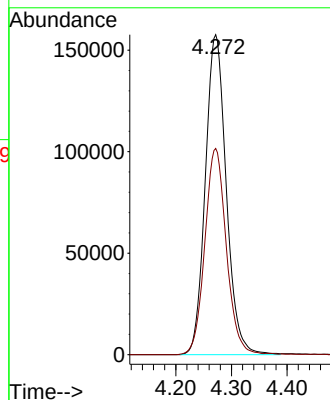
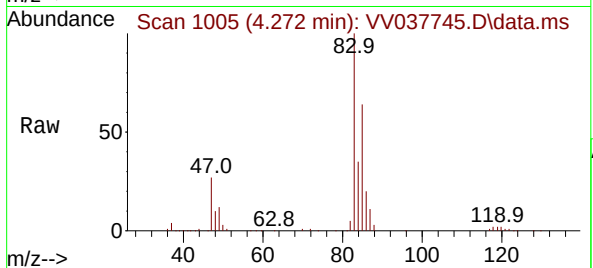
ClientSampleId :

Tgt Ion: 83 Resp: 412368

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 48.350 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037745.D

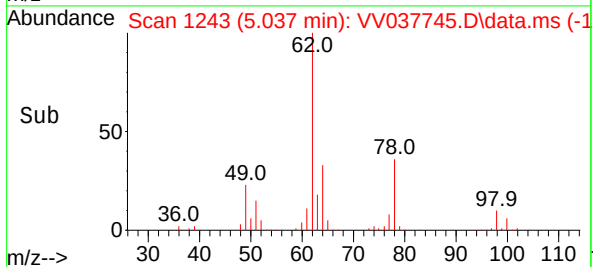
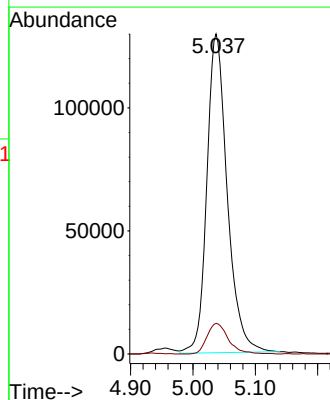
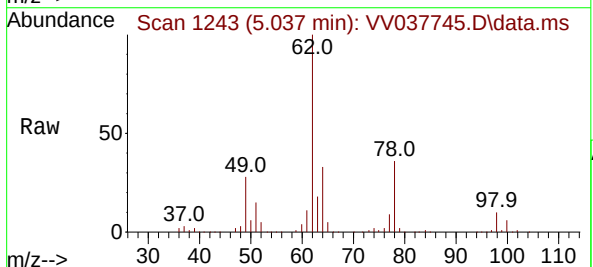
Acq: 04 Oct 2024 16:11

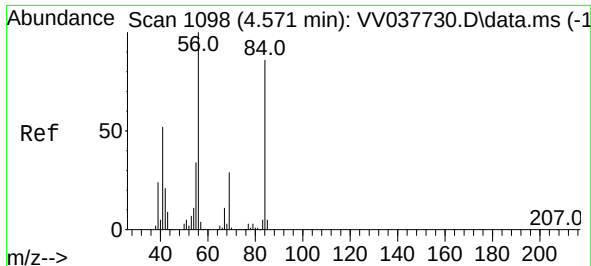
Tgt Ion: 62 Resp: 294842

Ion Ratio Lower Upper

62 100

98 9.5 8.4 12.6





#29

Cyclohexane

Concen: 43.284 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

ClientSampleId :

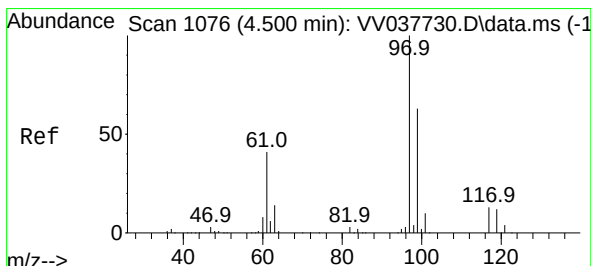
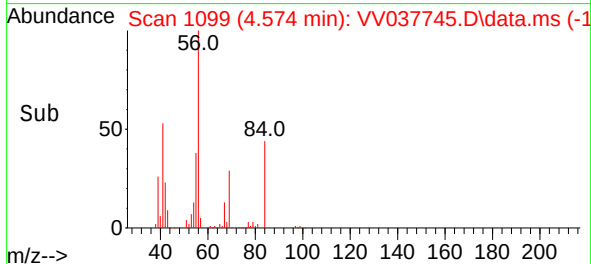
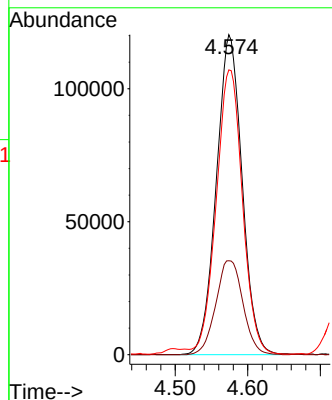
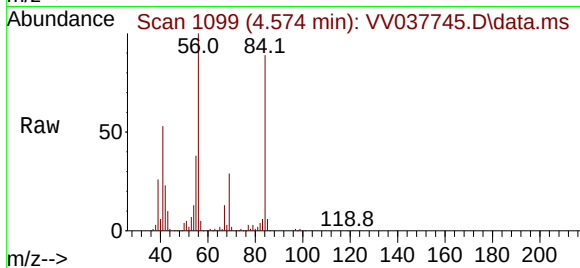
Tgt Ion: 56 Resp: 297030

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 90.4 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 46.863 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

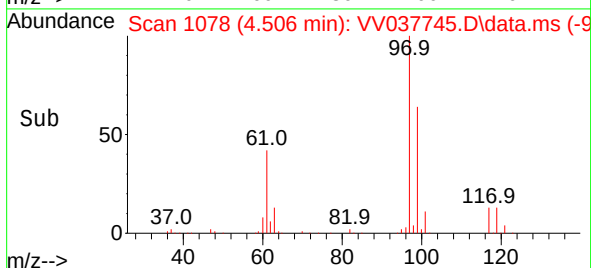
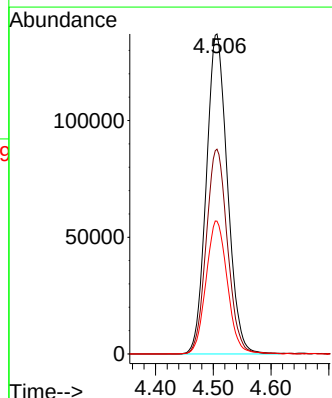
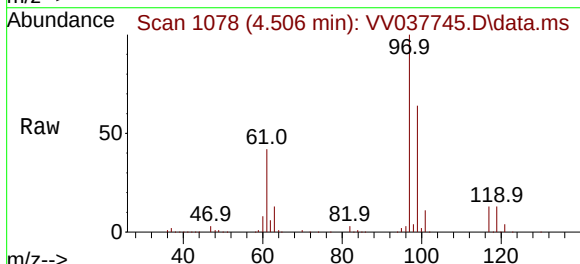
Tgt Ion: 97 Resp: 348851

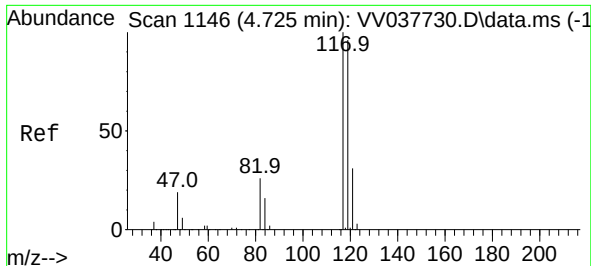
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

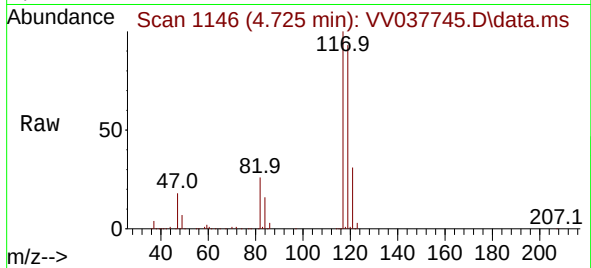
61 42.0 33.6 50.4



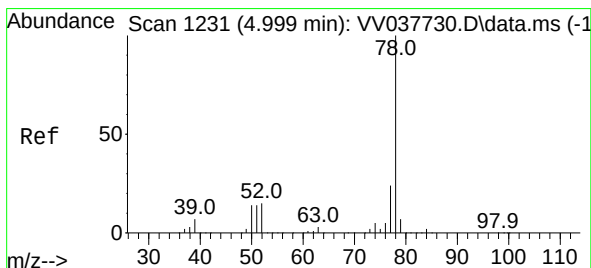
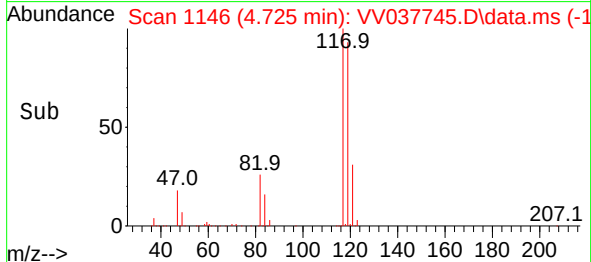
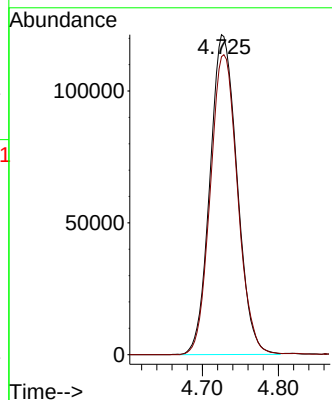


#31
Carbon tetrachloride
Concen: 46.417 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Instrument :
MSVOA_V
ClientSampleId :

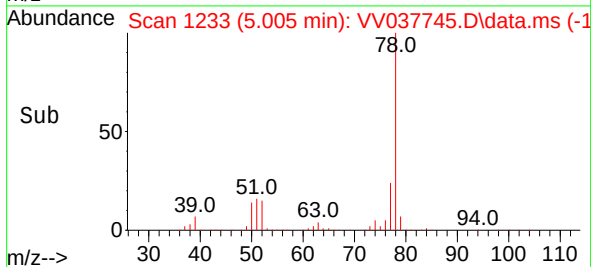
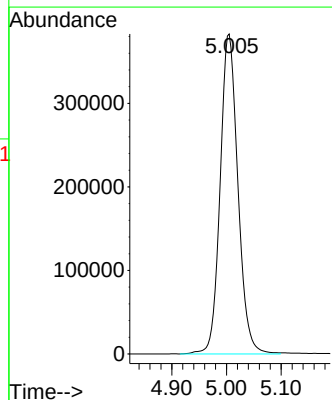
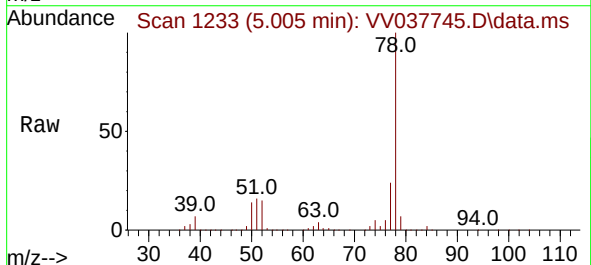


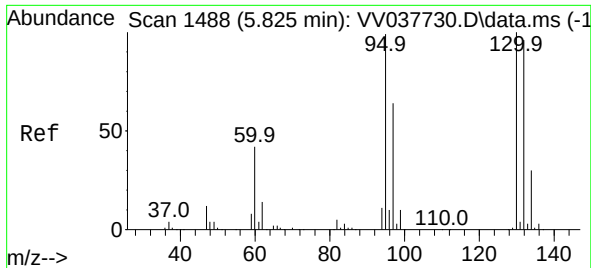
Tgt Ion:117 Resp: 300404
Ion Ratio Lower Upper
117 100
119 94.6 76.9 115.3



#33
Benzene
Concen: 47.412 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 78 Resp: 864229

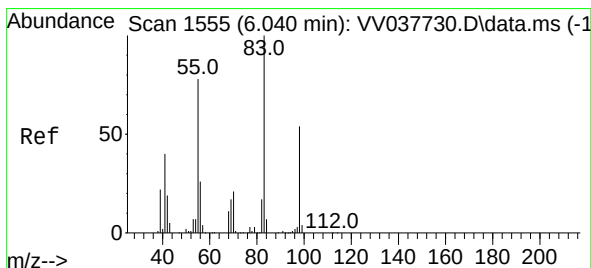
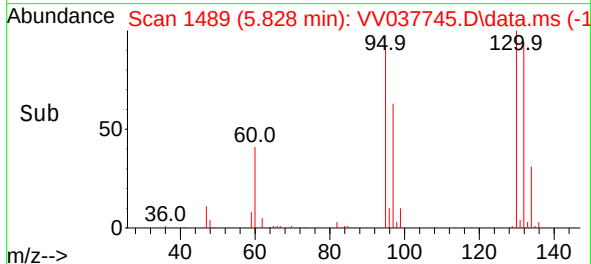
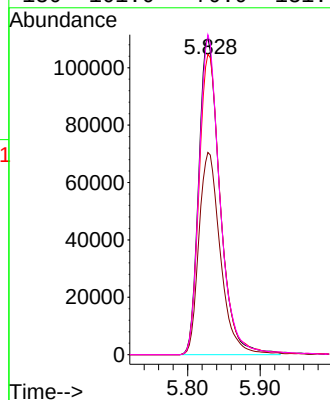
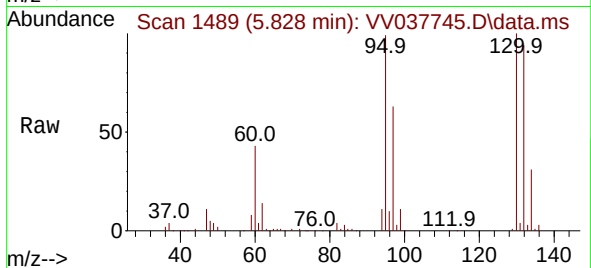




#34
Trichloroethene
Concen: 46.006 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

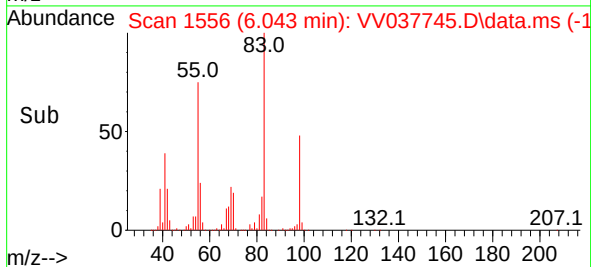
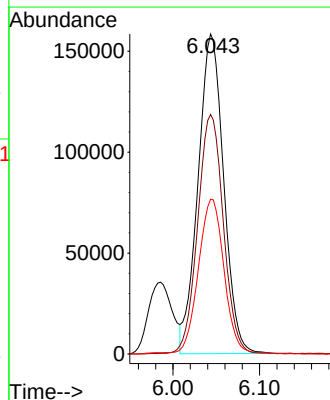
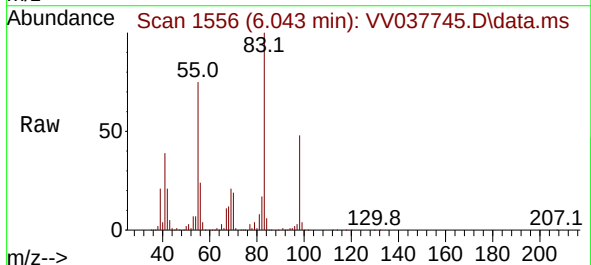
Instrument :
MSVOA_V
ClientSampleId :

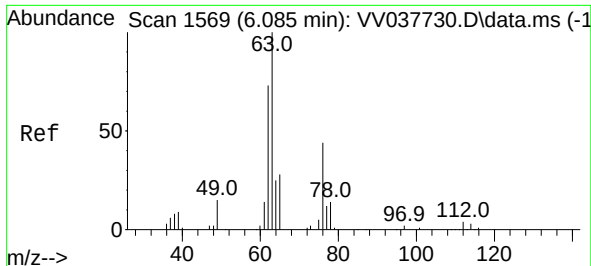
Tgt Ion: 95 Resp: 223331
Ion Ratio Lower Upper
95 100
97 63.8 46.3 85.9
132 94.8 68.6 127.4
130 101.0 70.9 131.7



#35
Methylcyclohexane
Concen: 43.640 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 83 Resp: 325895
Ion Ratio Lower Upper
83 100
55 74.9 57.9 86.9
98 48.5 39.3 58.9

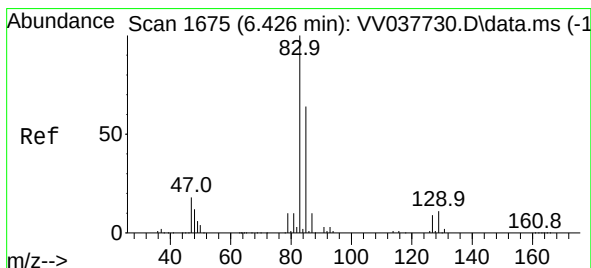
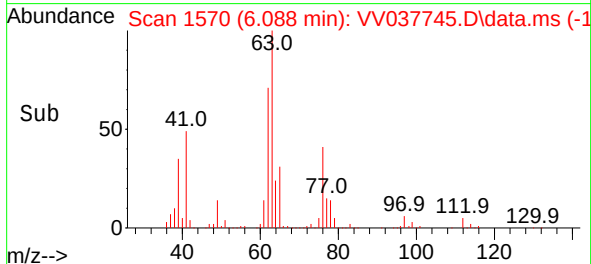
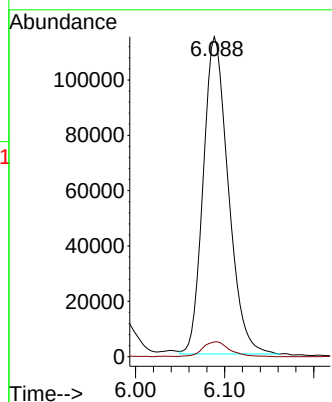
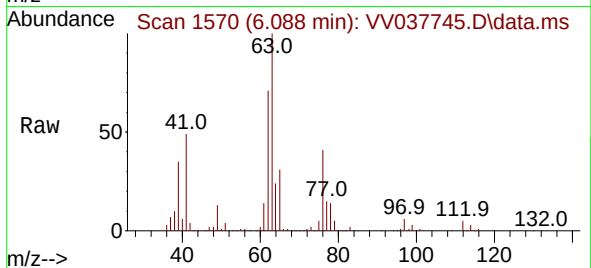




#37
1,2-Dichloropropane
Concen: 47.726 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

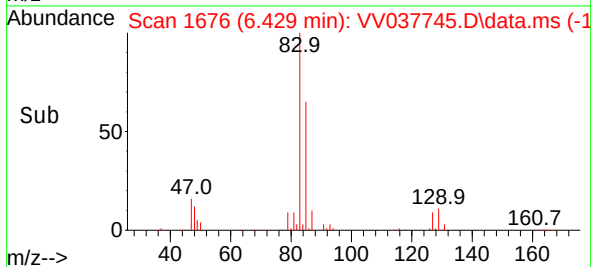
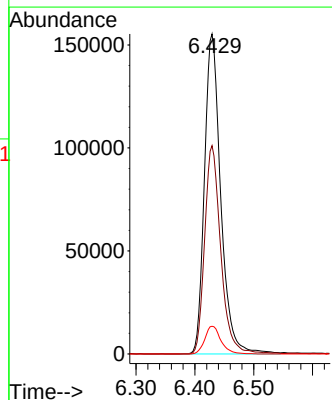
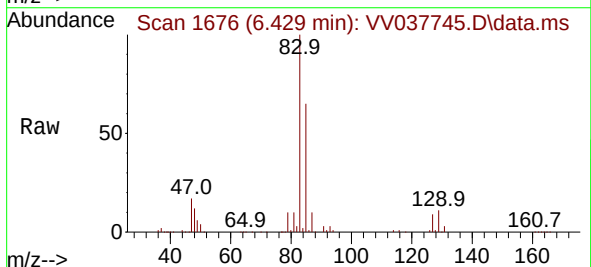
Instrument :
MSVOA_V
ClientSampleId :

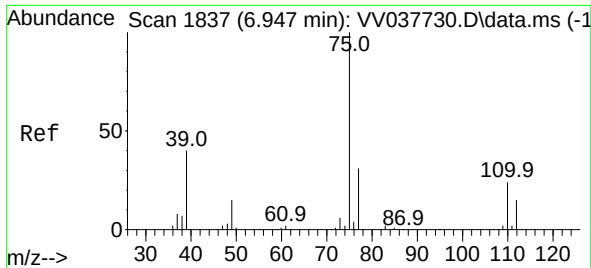
Tgt Ion: 63 Resp: 224647
Ion Ratio Lower Upper
63 100
112 5.1 3.5 5.3



#38
Bromodichloromethane
Concen: 47.555 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 83 Resp: 299229
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9
127 8.6 7.0 10.4

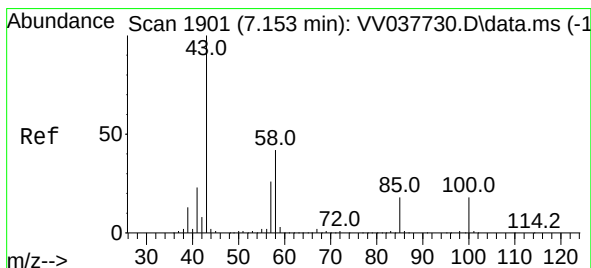
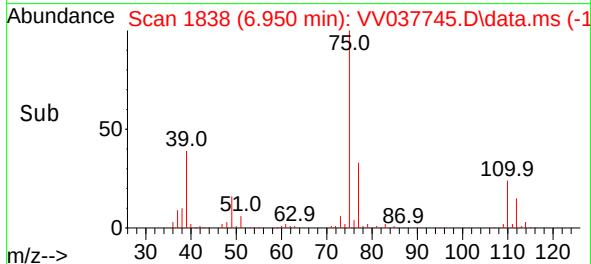
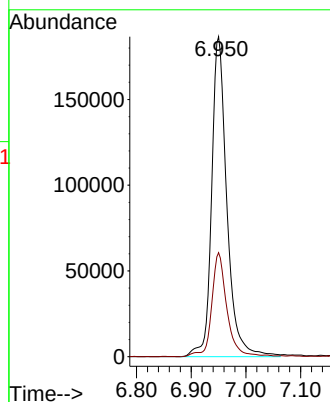
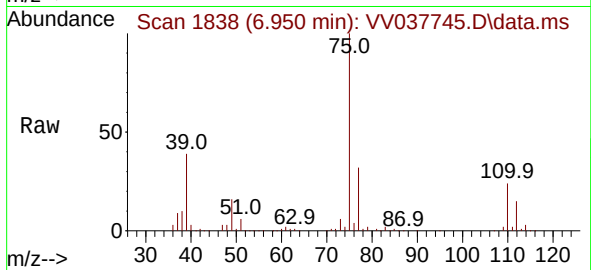




#39
 cis-1,3-Dichloropropene
 Concen: 48.131 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV037745.D
 Acq: 04 Oct 2024 16:11

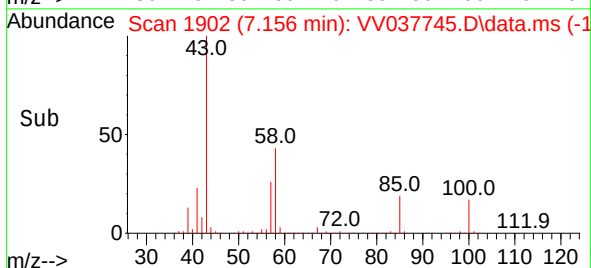
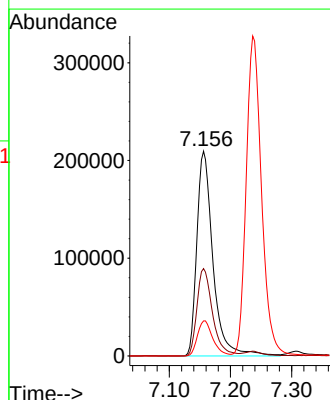
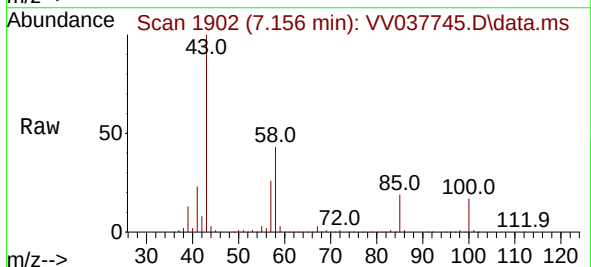
Instrument :
 MSVOA_V
 ClientSampleId :

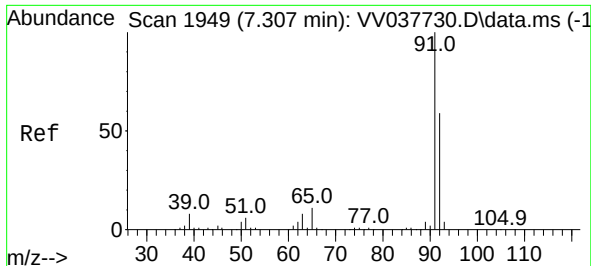
Tgt Ion: 75 Resp: 361644
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 100.322 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037745.D
 Acq: 04 Oct 2024 16:11

Tgt Ion: 43 Resp: 384484
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.0 49.4
 100 16.4 13.7 20.5





#42

Toluene

Concen: 48.483 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

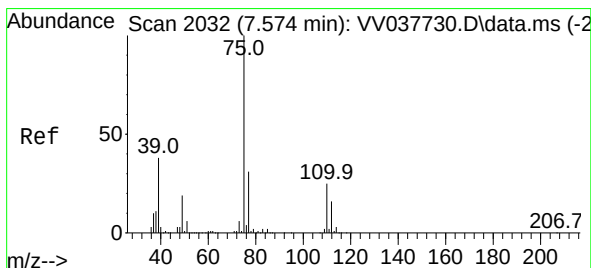
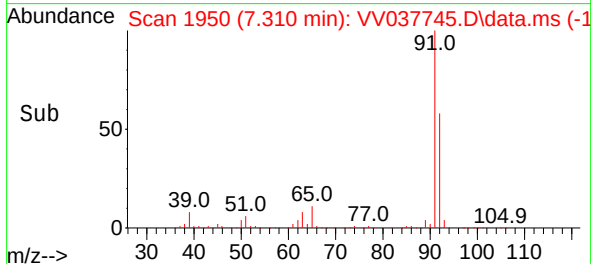
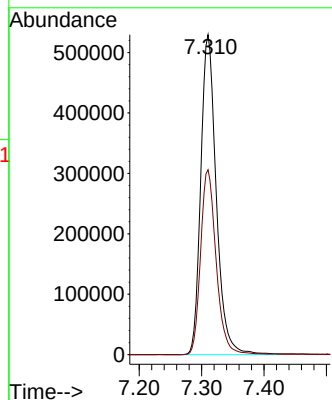
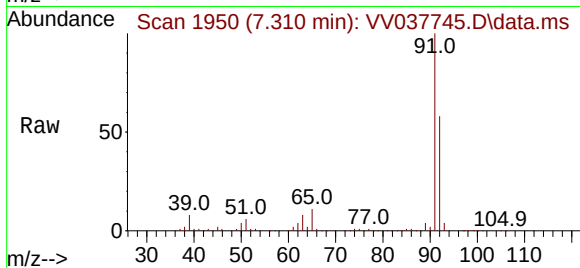
ClientSampleId :

Tgt Ion: 91 Resp: 916178

Ion Ratio Lower Upper

91 100

92 57.8 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 48.321 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037745.D

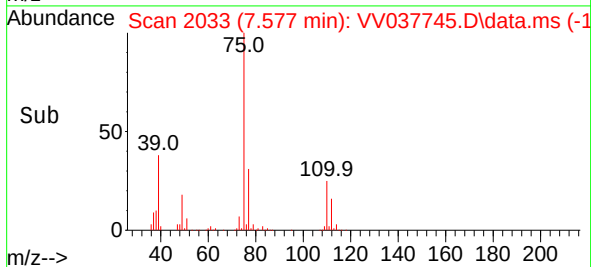
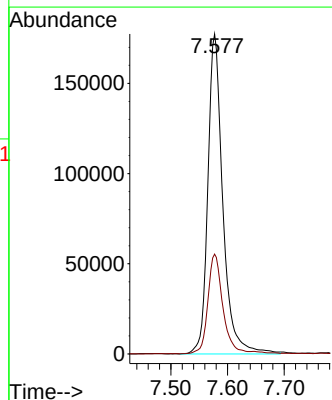
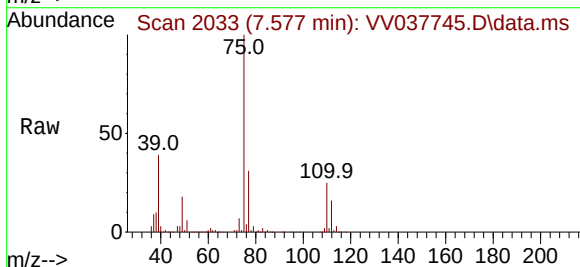
Acq: 04 Oct 2024 16:11

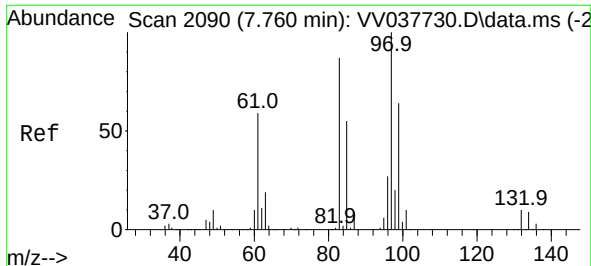
Tgt Ion: 75 Resp: 326877

Ion Ratio Lower Upper

75 100

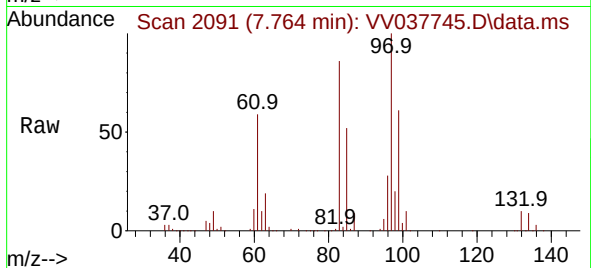
77 31.2 21.9 40.7



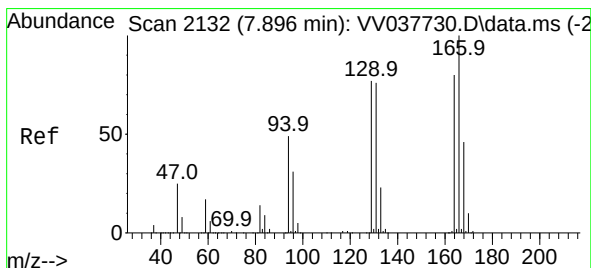
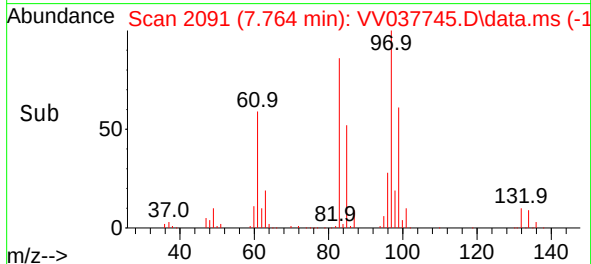
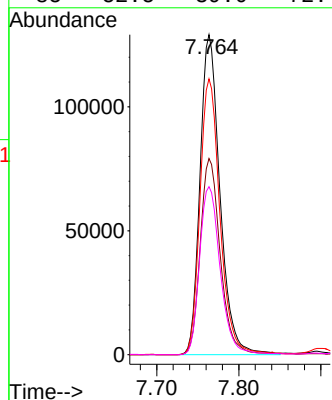


#45
1,1,2-Trichloroethane
Concen: 48.452 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Instrument :
MSVOA_V
ClientSampleId :

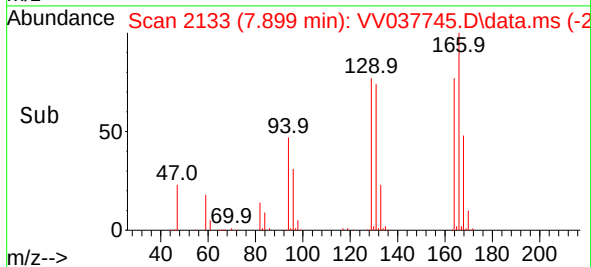
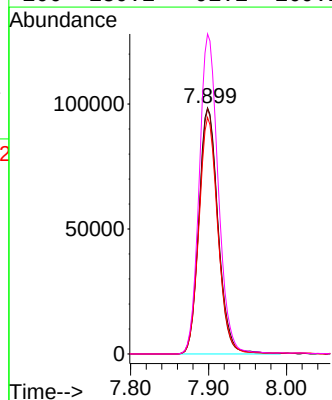
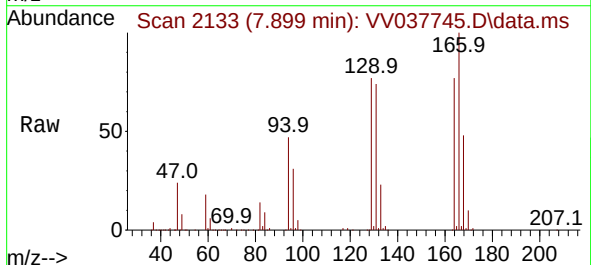


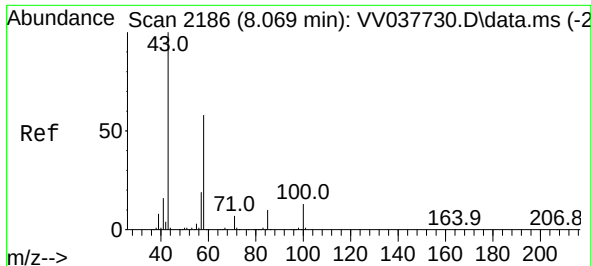
Tgt Ion:	97	Resp:	218990
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.1	81.9
83	86.2	59.3	110.1
85	52.5	39.0	72.4



#46
Tetrachloroethene
Concen: 45.509 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

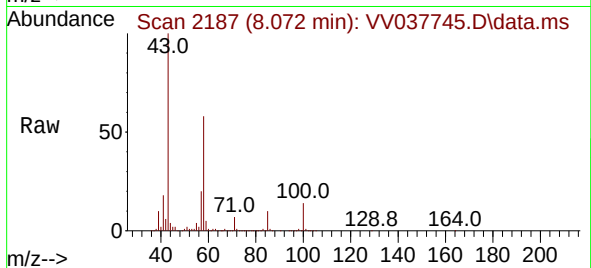
Tgt Ion:	164	Resp:	168905
Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.2	126.6
131	96.1	66.1	122.8
166	130.1	91.1	169.1



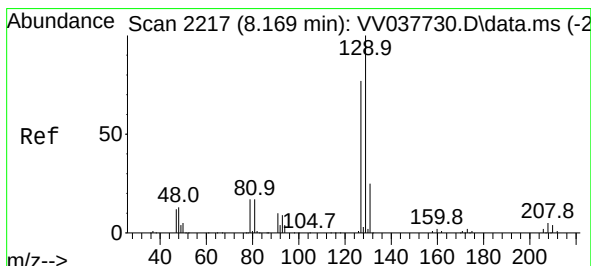
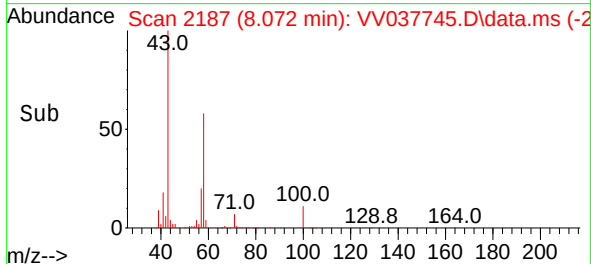
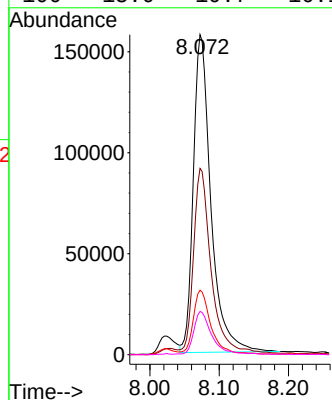


#48
2-Hexanone
Concen: 93.499 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Instrument :
MSVOA_V
ClientSampleId :

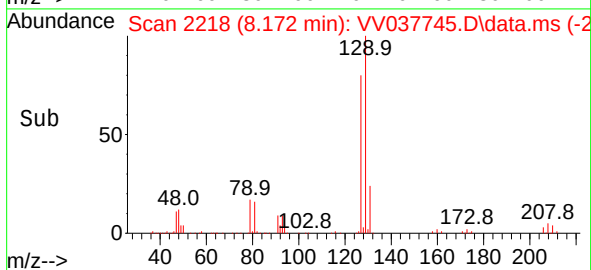
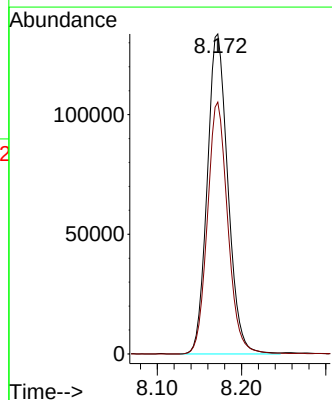
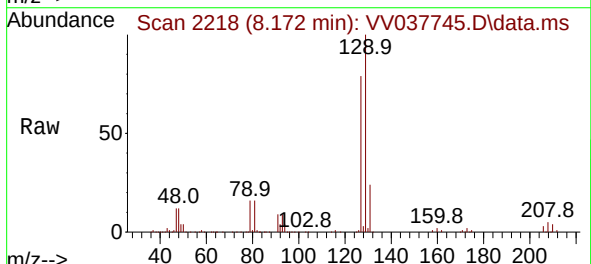


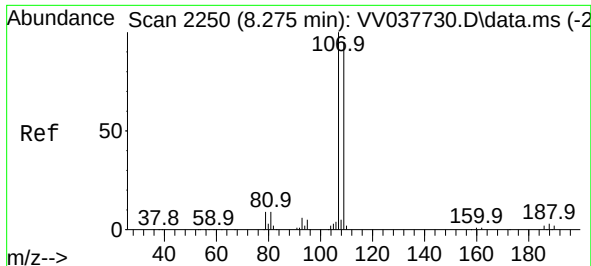
Tgt Ion: 43 Resp: 278635
Ion Ratio Lower Upper
43 100
58 54.4 46.5 69.7
57 20.0 15.1 22.7
100 13.0 10.7 16.1



#49
Dibromochloromethane
Concen: 47.711 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

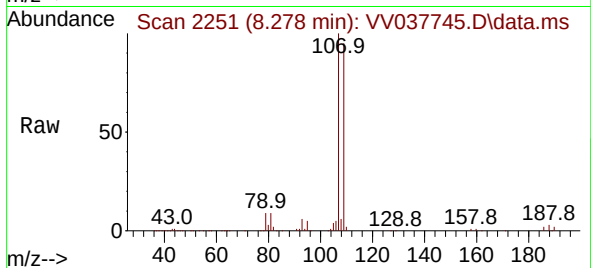
Tgt Ion: 129 Resp: 228226
Ion Ratio Lower Upper
129 100
127 78.7 54.9 101.9



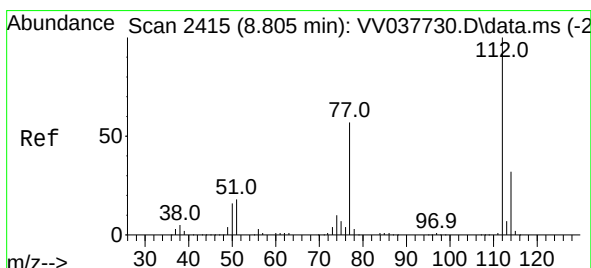
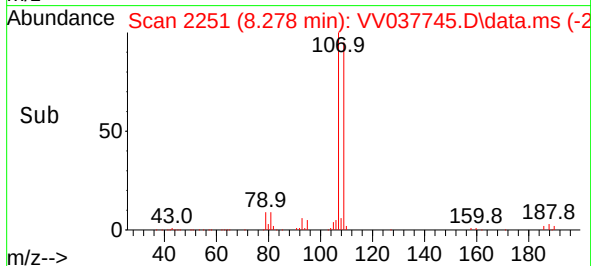
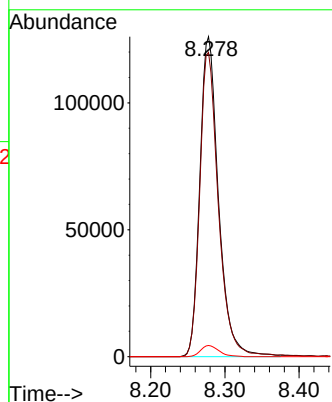


#50
1,2-Dibromoethane
Concen: 47.252 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Instrument :
MSVOA_V
ClientSampleId :

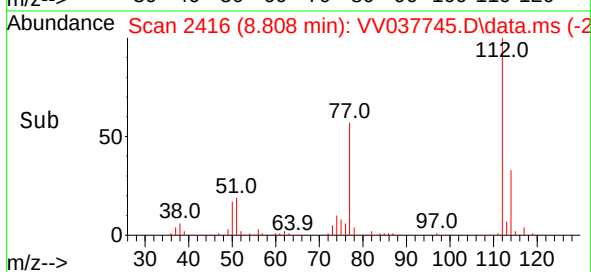
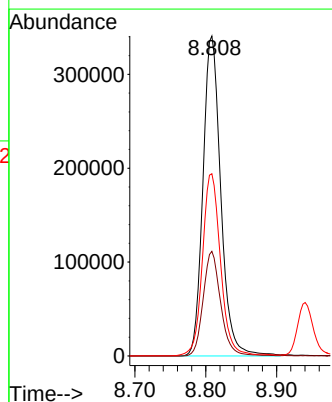
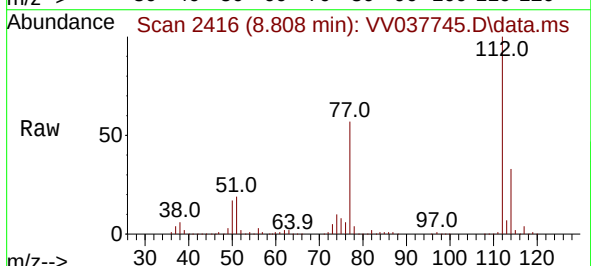


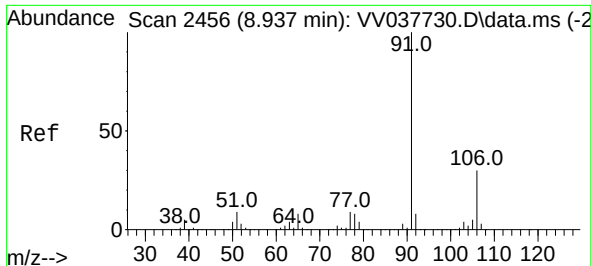
Tgt Ion:107 Resp: 220760
Ion Ratio Lower Upper
107 100
109 95.1 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 46.398 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion:112 Resp: 597354
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.7
77 57.0 45.8 68.8





#52

Ethylbenzene

Concen: 46.729 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

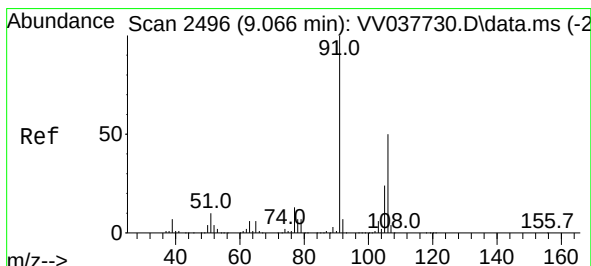
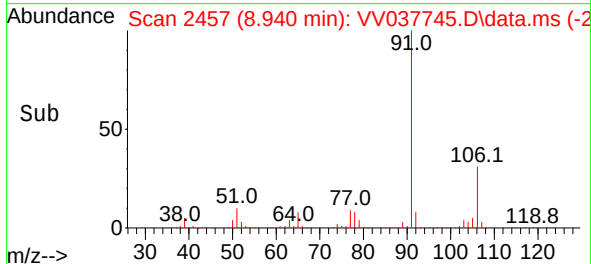
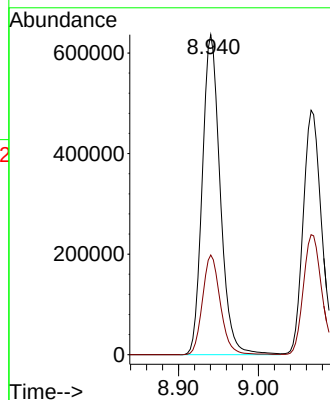
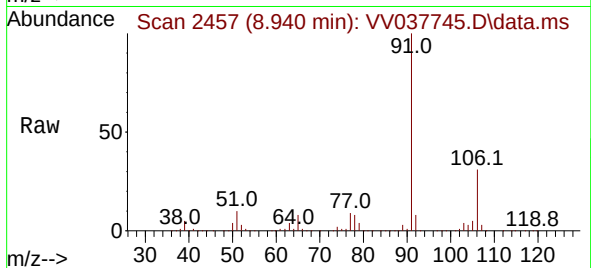
ClientSampleId :

Tgt Ion: 91 Resp: 993986

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 48.675 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037745.D

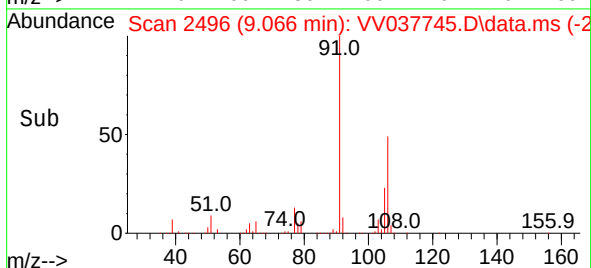
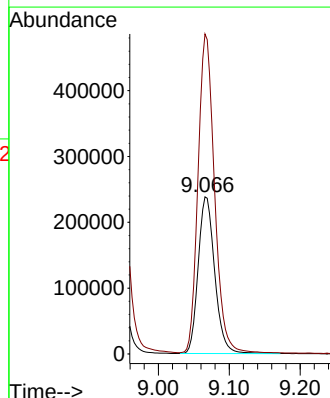
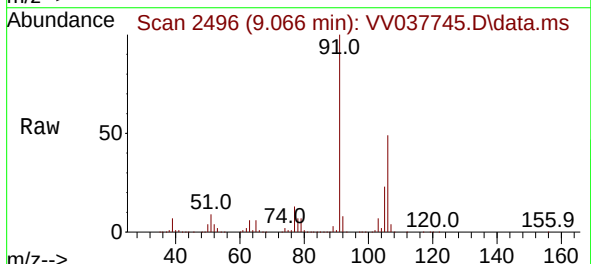
Acq: 04 Oct 2024 16:11

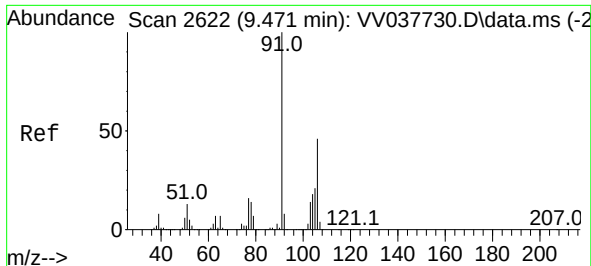
Tgt Ion:106 Resp: 385334

Ion Ratio Lower Upper

106 100

91 203.6 142.0 263.6

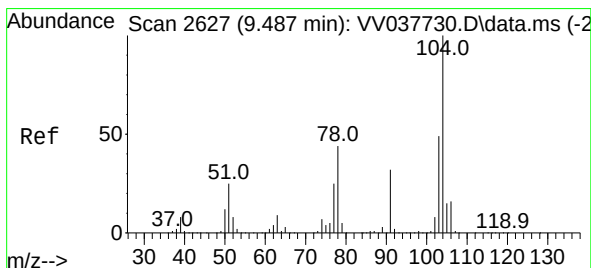
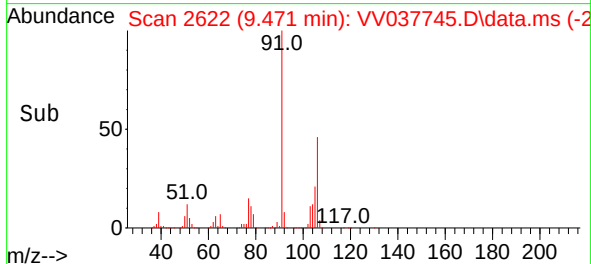
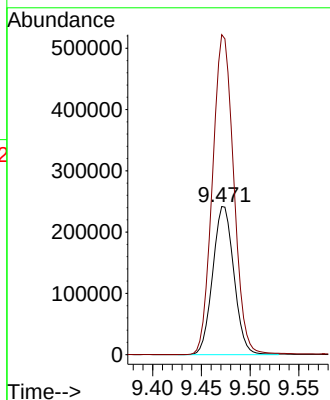
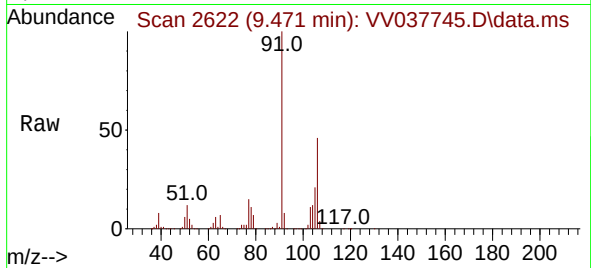




#54
o-Xylene
Concen: 47.410 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

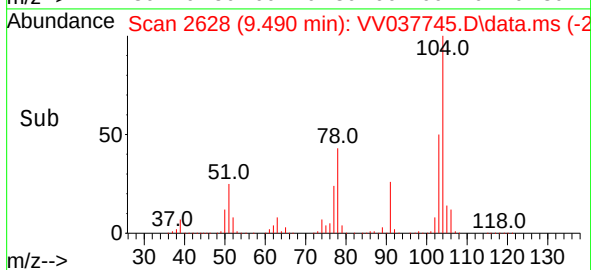
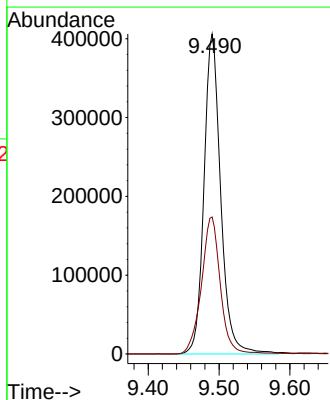
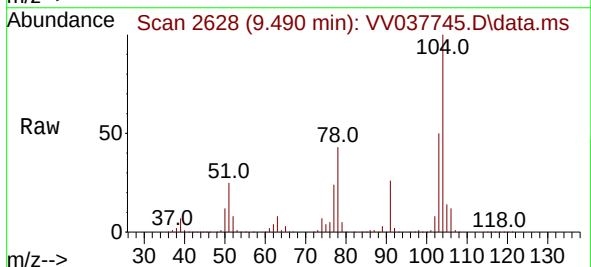
Instrument :
MSVOA_V
ClientSampleId :

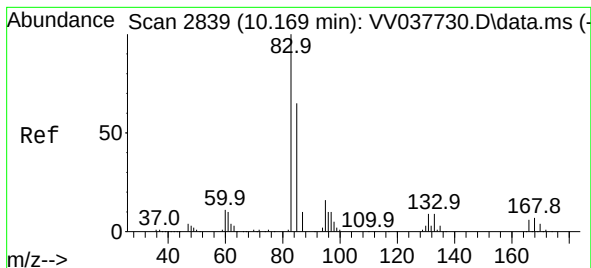
Tgt Ion:106 Resp: 366421
Ion Ratio Lower Upper
106 100
91 216.1 153.9 285.9



#55
Styrene
Concen: 49.474 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion:104 Resp: 665665
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6

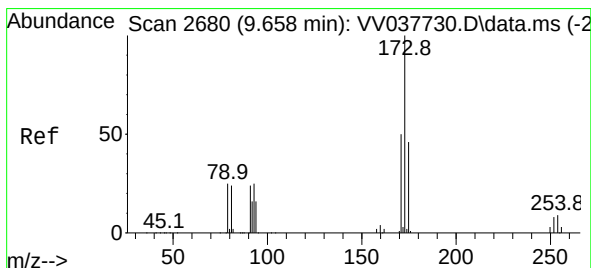
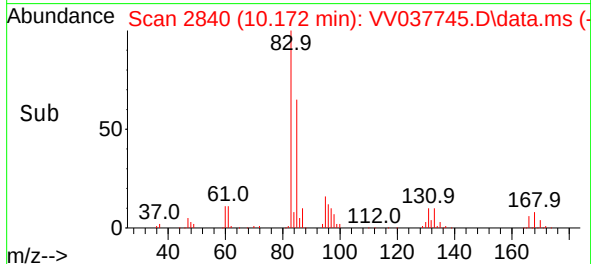
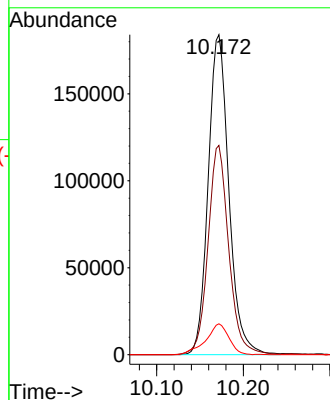
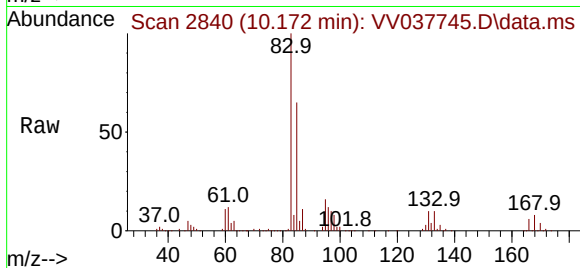




#57
1,1,2,2-Tetrachloroethane
Concen: 48.429 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

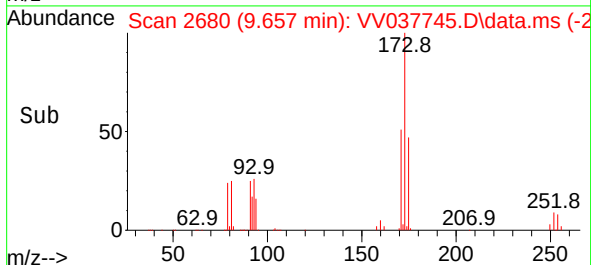
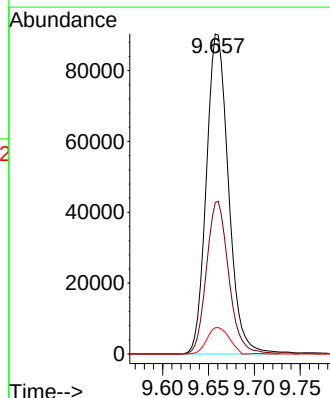
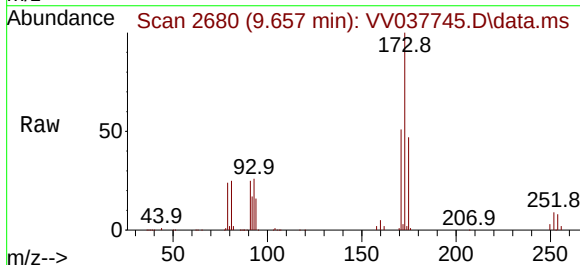
Instrument :
MSVOA_V
ClientSampleId :

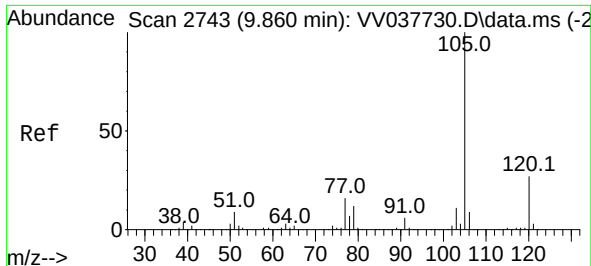
Tgt Ion: 83 Resp: 305170
Ion Ratio Lower Upper
83 100
85 65.4 45.9 85.3
131 9.7 7.9 11.9



#59
Bromoform
Concen: 46.397 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 173 Resp: 151861
Ion Ratio Lower Upper
173 100
175 47.9 40.0 60.0
254 8.3 6.5 9.7

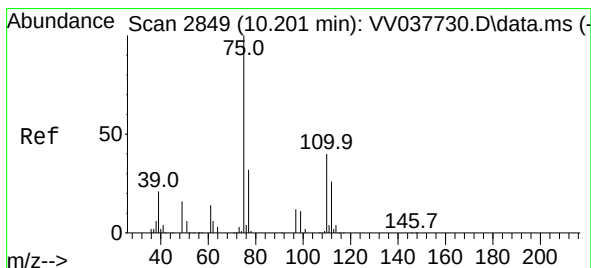
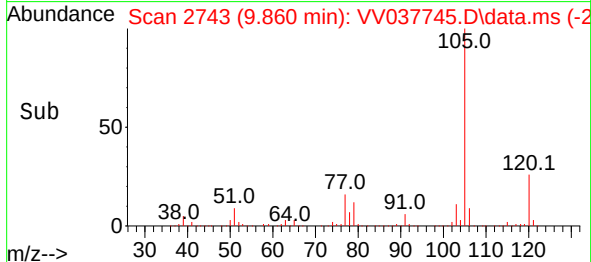
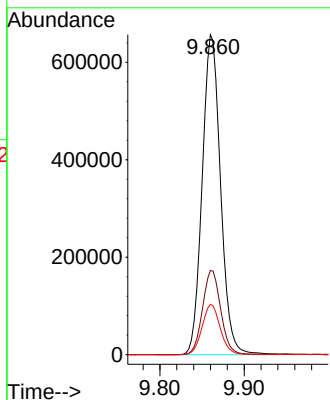
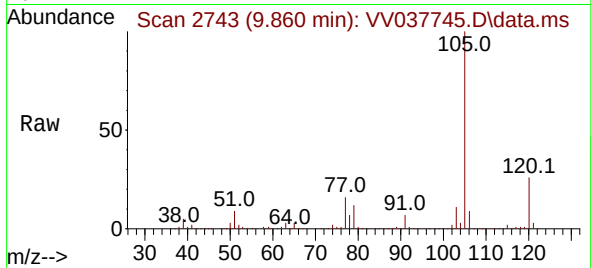




#60
Isopropylbenzene
Concen: 45.842 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

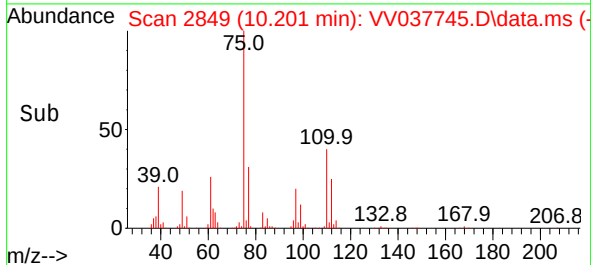
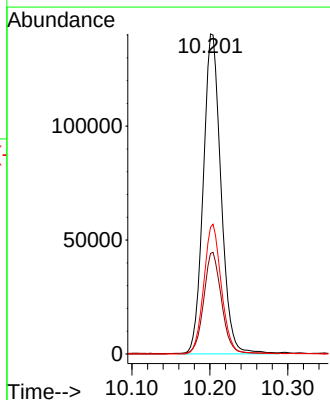
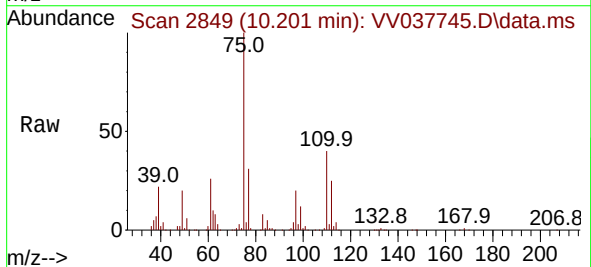
Instrument :
MSVOA_V
ClientSampleId :

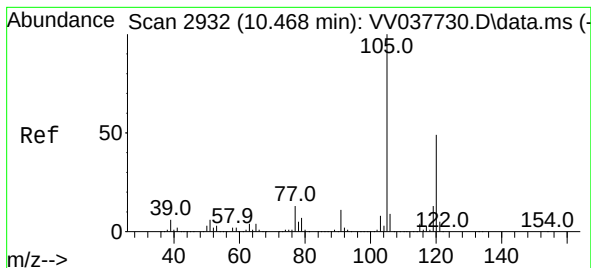
Tgt Ion:105 Resp: 998089
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 46.700 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037745.D
Acq: 04 Oct 2024 16:11

Tgt Ion: 75 Resp: 222536
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 45.825 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

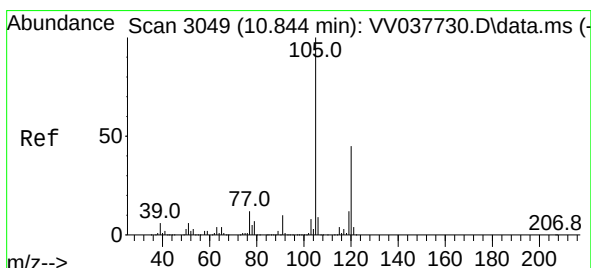
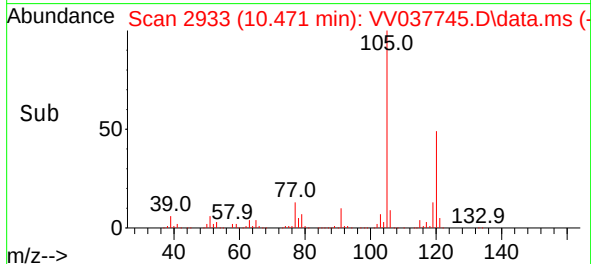
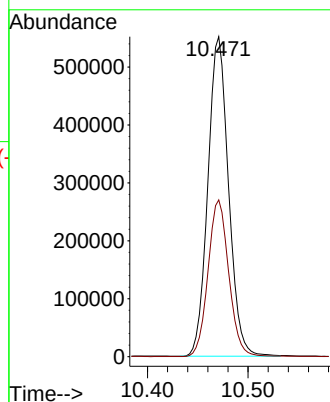
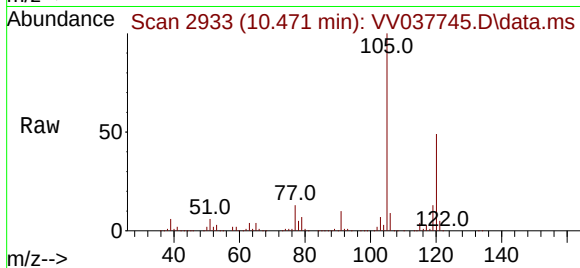
ClientSampleId :

Tgt Ion:105 Resp: 788801

Ion Ratio Lower Upper

105 100

120 49.2 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 45.871 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037745.D

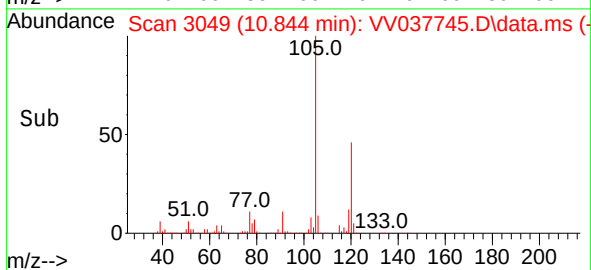
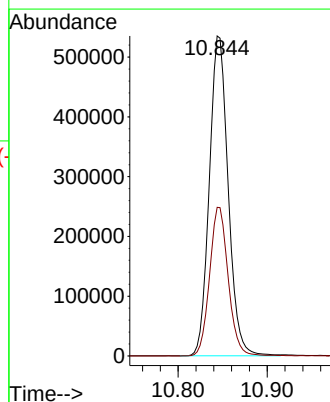
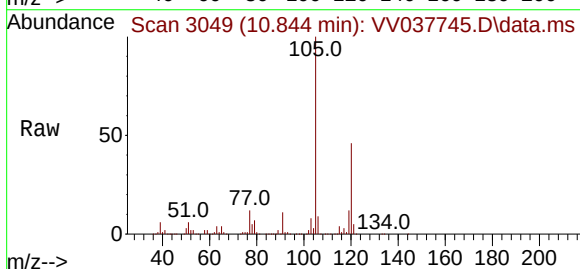
Acq: 04 Oct 2024 16:11

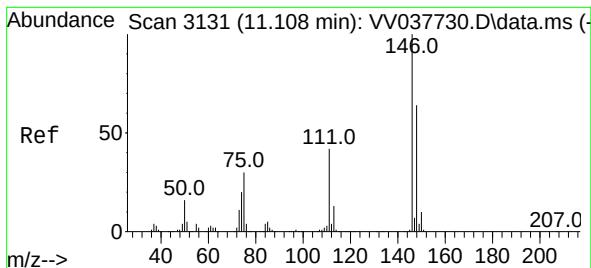
Tgt Ion:105 Resp: 785617

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 45.866 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

ClientSampleId :

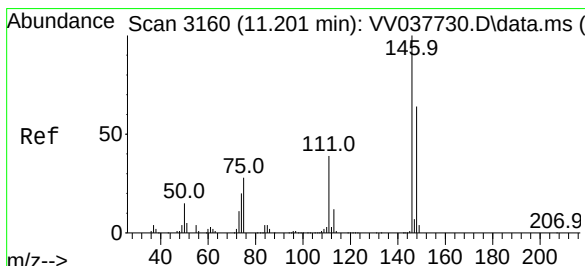
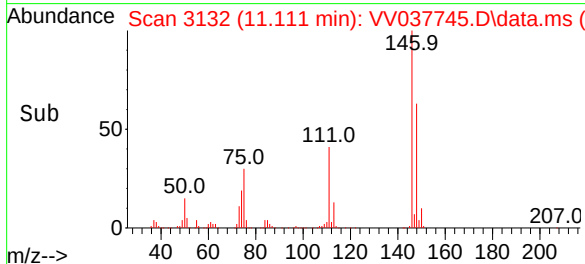
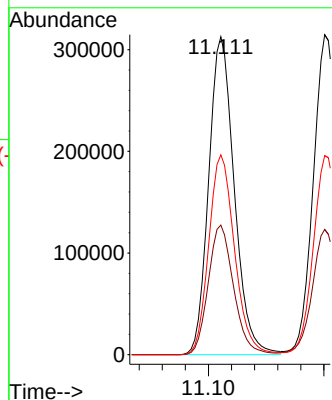
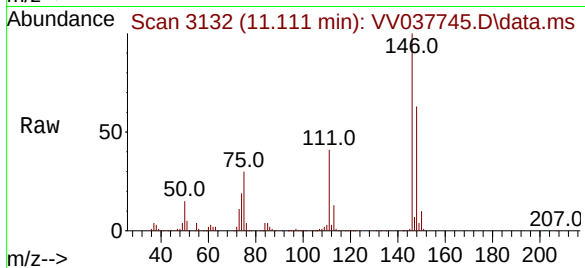
Tgt Ion:146 Resp: 480657

Ion Ratio Lower Upper

146 100

111 40.8 28.3 52.5

148 62.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 46.297 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

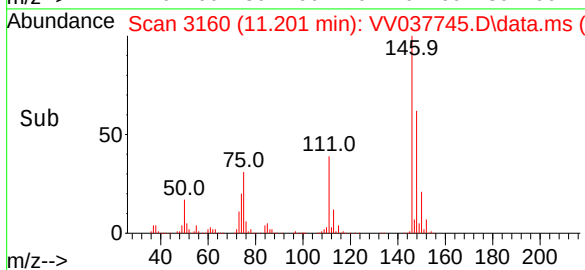
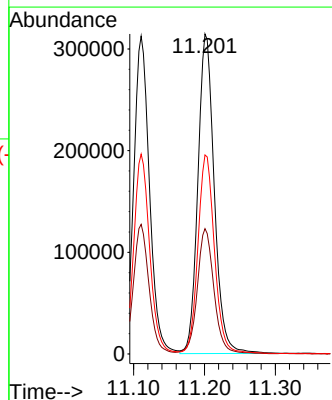
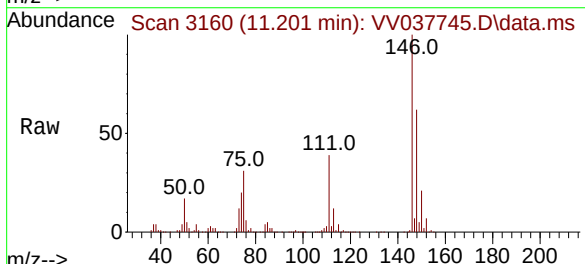
Tgt Ion:146 Resp: 505209

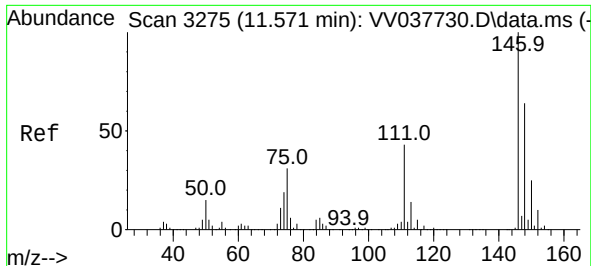
Ion Ratio Lower Upper

146 100

111 39.1 27.6 51.4

148 62.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 45.583 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

ClientSampleId :

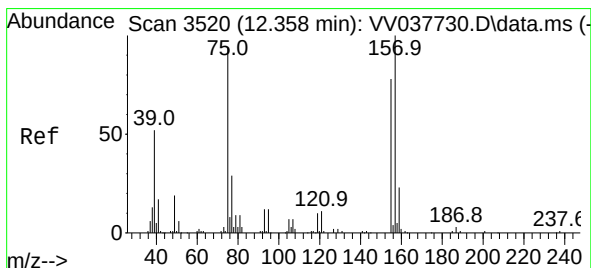
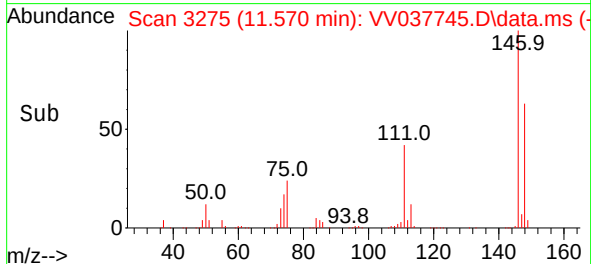
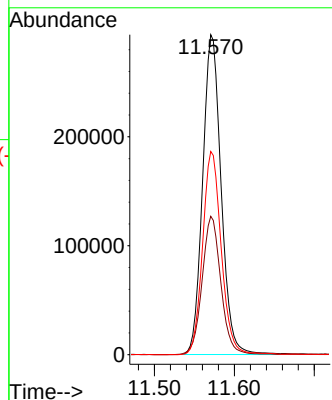
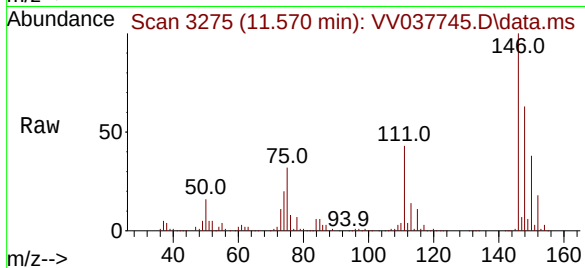
Tgt Ion:146 Resp: 472228

Ion Ratio Lower Upper

146 100

111 43.3 34.2 51.2

148 63.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.897 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

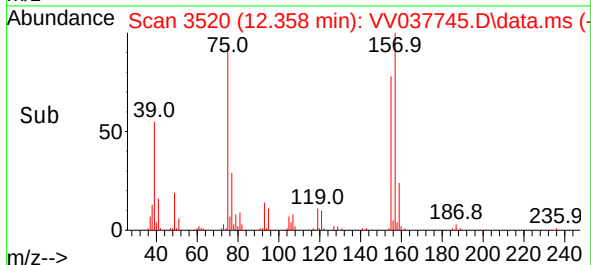
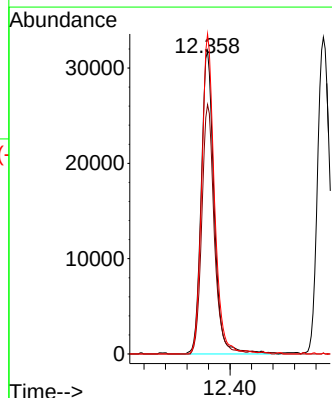
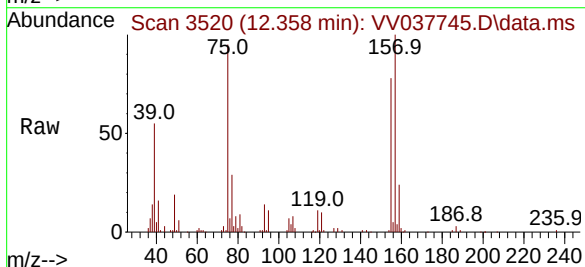
Tgt Ion: 75 Resp: 53091

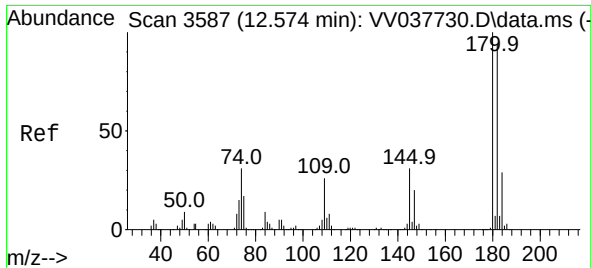
Ion Ratio Lower Upper

75 100

155 82.2 66.2 99.4

157 105.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 43.331 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

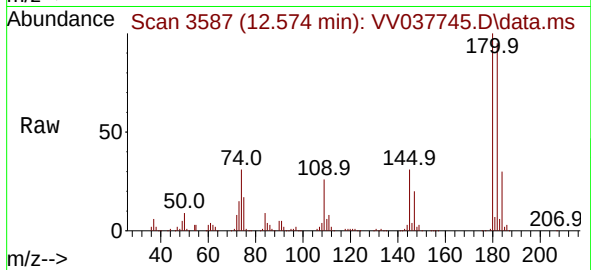
Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 312268

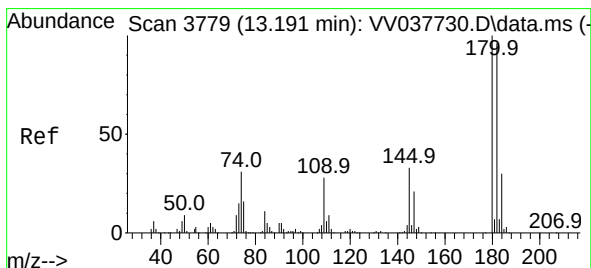
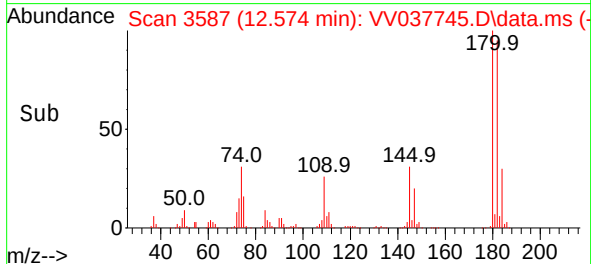
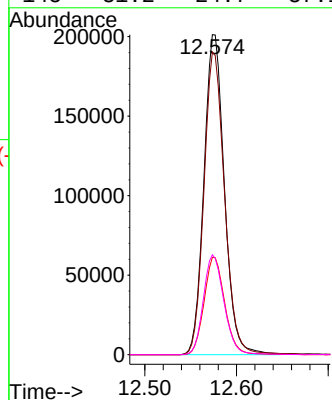
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

184 30.7 23.8 35.6

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 42.740 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

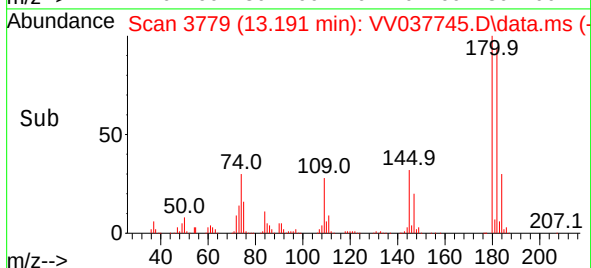
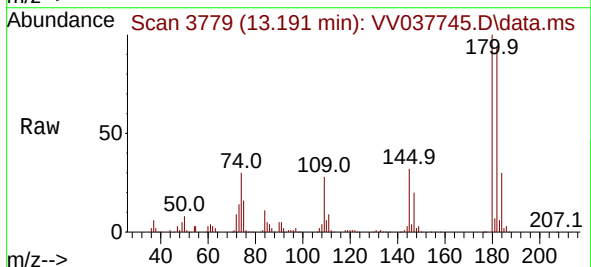
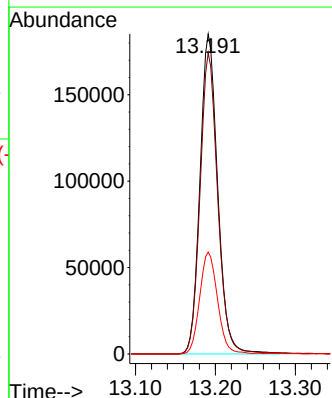
Tgt Ion:180 Resp: 285776

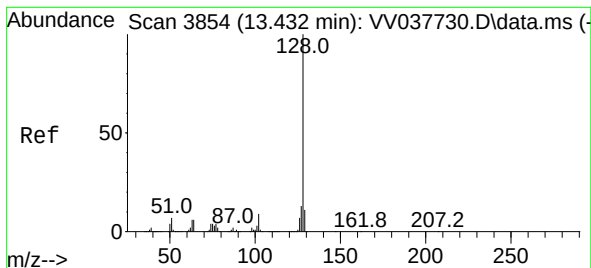
Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

145 32.0 25.4 38.2





#71

Naphthalene

Concen: 41.105 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Instrument :

MSVOA_V

ClientSampleId :

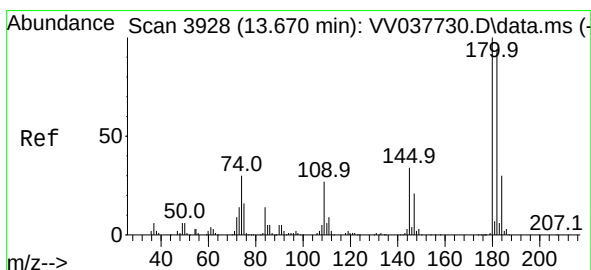
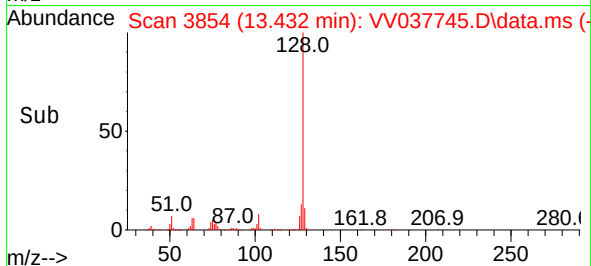
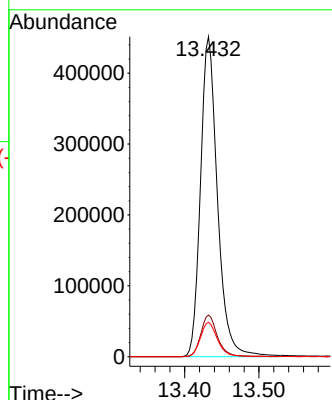
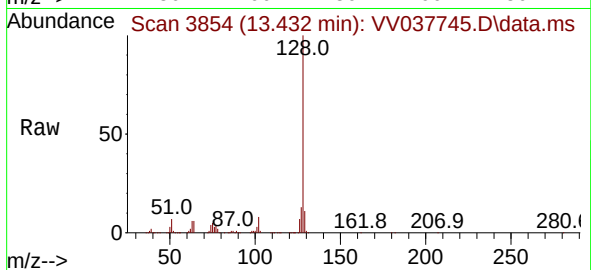
Tgt Ion:128 Resp: 718075

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 43.102 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037745.D

Acq: 04 Oct 2024 16:11

Tgt Ion:180 Resp: 284595

Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.8

145 34.0 26.2 39.4

