

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037651.D
 Acq On : 30 Sep 2024 13:49
 Operator : SY/MD
 Sample : P4218-03MSD 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 02:07:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	688481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	684268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	377761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	274007	45.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.680%
7) Chloroethane-d5	1.519	69	218133	46.498	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.056	65	117990	46.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.460%
21) 2-Butanone-d5	3.789	46	178662	82.995	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	4.240	84	500542	46.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
26) 1,2-Dichloroethane-d4	4.934	65	289351	45.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
32) Benzene-d6	4.950	84	985048	46.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.982	67	299128	43.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.740%
41) Toluene-d8	7.236	98	919529	47.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	7.548	79	142440	44.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.940%
47) 2-Hexanone-d5	8.024	63	147480	102.436	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	353061	44.565	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.140%
66) 1,2-Dichlorobenzene-d4	11.551	152	361534	45.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	293399	50.059	ug/L	100
3) Chloromethane	1.217	50	280550	49.304	ug/L	99
5) Vinyl chloride	1.282	62	296913	48.672	ug/L	99
6) Bromomethane	1.471	94	170706	50.424	ug/L	99
8) Chloroethane	1.539	64	182184	48.454	ug/L	100
9) Trichlorofluoromethane	1.706	101	418257	50.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	243482	49.621	ug/L	98
12) 1,1-Dichloroethene	2.066	96	226123	49.333	ug/L	87
13) Acetone	2.111	43	150393	71.267	ug/L	98
14) Carbon disulfide	2.236	76	675227	47.195	ug/L	100
15) Methyl Acetate	2.368	43	192980	52.401	ug/L	98
16) Methylene chloride	2.442	84	254912	49.118	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	241095	49.721	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	706192	50.762	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462853	49.820	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	273702	50.440	ug/L	98
22) 2-Butanone	3.873	43	204397	87.509	ug/L	94
23) Bromochloromethane	4.137	128	143942	51.282	ug/L	97
25) Chloroform	4.269	83	476566	49.544	ug/L	99

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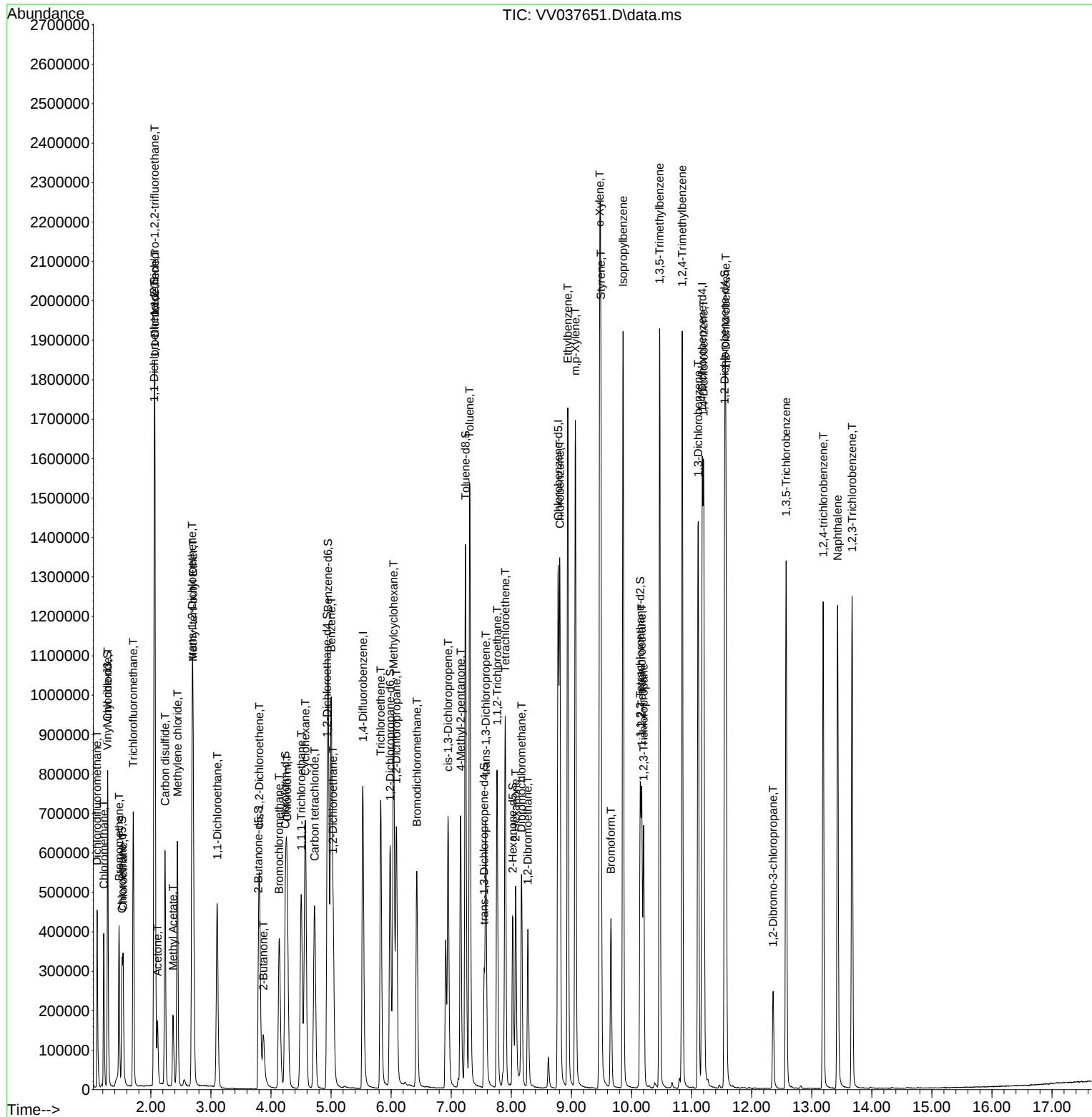
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	346398	51.012	ug/L	99
29) Cyclohexane	4.571	56	369441	47.552	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	419569	49.785	ug/L	99
31) Carbon tetrachloride	4.725	117	367553	50.164	ug/L	100
33) Benzene	5.002	78	1016170	49.241	ug/L	100
34) Trichloroethene	5.825	95	265882	48.379	ug/L	98
35) Methylcyclohexane	6.040	83	406877	48.125	ug/L	100
37) 1,2-Dichloropropane	6.088	63	267630	50.222	ug/L	98
38) Bromodichloromethane	6.426	83	358641	50.345	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	419870	49.358	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	417236	96.161	ug/L	96
42) Toluene	7.307	91	1132054	52.915	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	391629	51.137	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	254603	49.757	ug/L	98
46) Tetrachloroethene	7.899	164	210909	50.193	ug/L	98
48) 2-Hexanone	8.072	43	311954	92.462	ug/L	98
49) Dibromochloromethane	8.172	129	277782	51.293	ug/L	97
50) 1,2-Dibromoethane	8.275	107	264041	49.919	ug/L	99
51) Chlorobenzene	8.809	112	723217	49.618	ug/L	99
52) Ethylbenzene	8.940	91	1207226	50.130	ug/L	100
53) m,p-Xylene	9.066	106	477845	53.315	ug/L	99
54) o-Xylene	9.471	106	456803	52.205	ug/L	97
55) Styrene	9.490	104	813744	53.421	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	357203	50.070	ug/L	99
59) Bromoform	9.657	173	189290	51.268	ug/L	98
60) Isopropylbenzene	9.860	105	1216736	49.542	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	255934	47.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	990329	51.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	1007162	52.132	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	589820	49.894	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	615519	50.004	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	581536	49.763	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	62515	47.910	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	401438	49.381	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	370935	49.180	ug/L	100
71) Naphthalene	13.432	128	984408	49.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	369386	49.593	ug/L	99

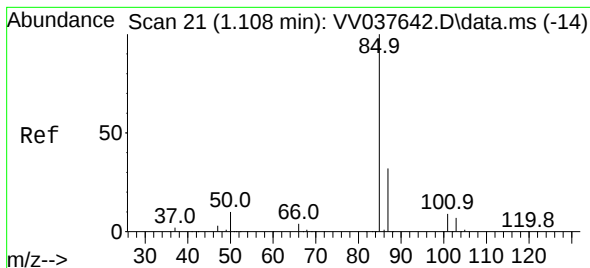
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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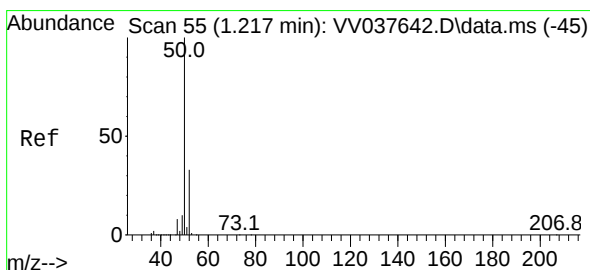
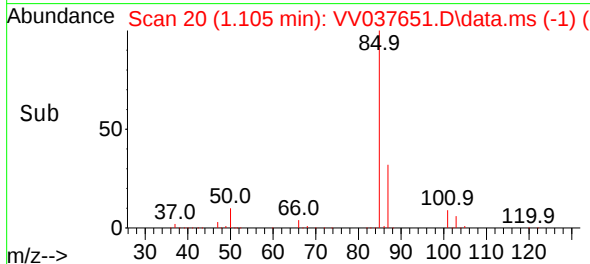
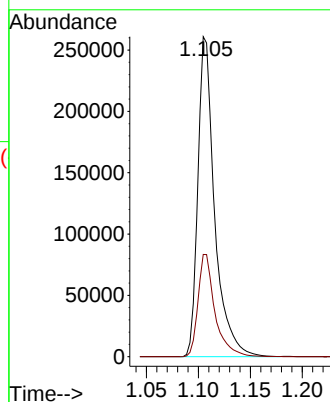
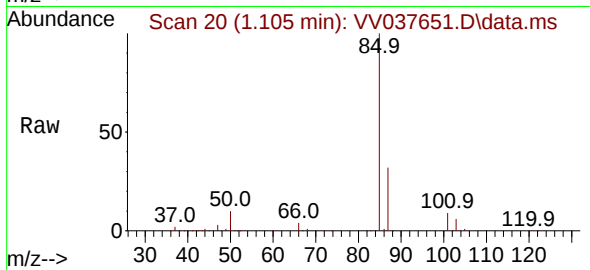




#2
 Dichlorodifluoromethane
 Concen: 50.059 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

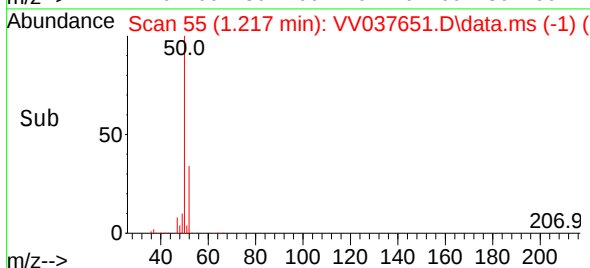
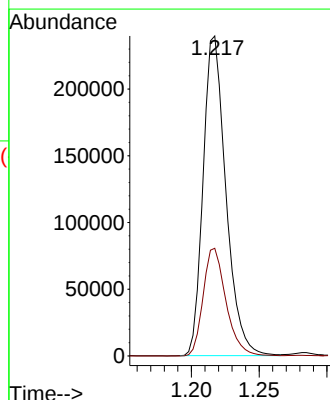
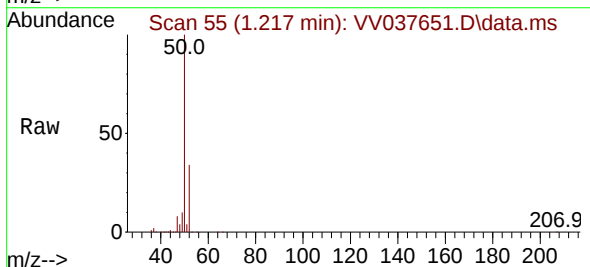
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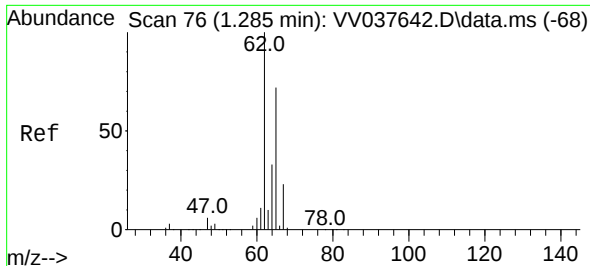
Tgt Ion: 85 Resp: 293399
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 49.304 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Tgt Ion: 50 Resp: 280550
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2



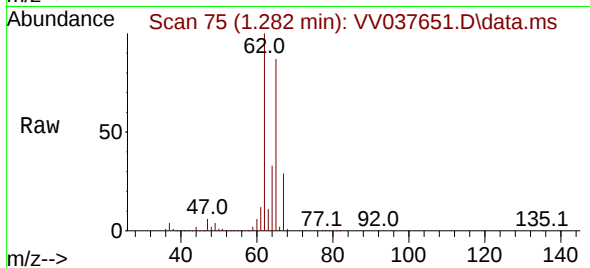


#5
 Vinyl chloride
 Concen: 48.672 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

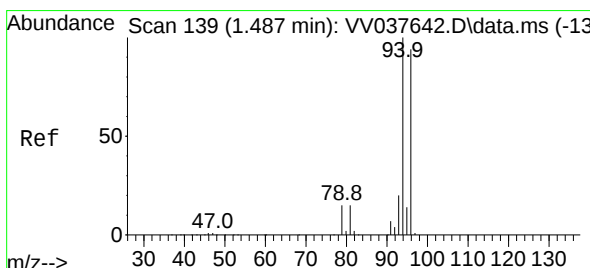
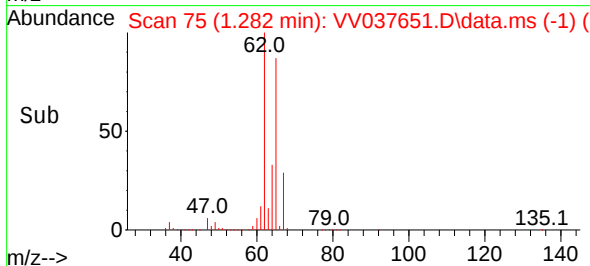
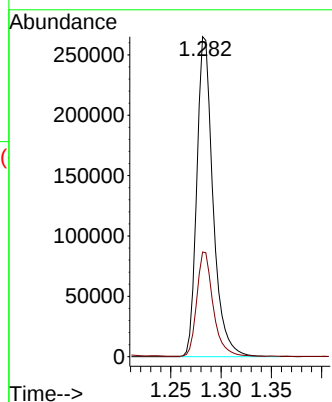
Instrument :

MSVOA_V

ClientSampleId :

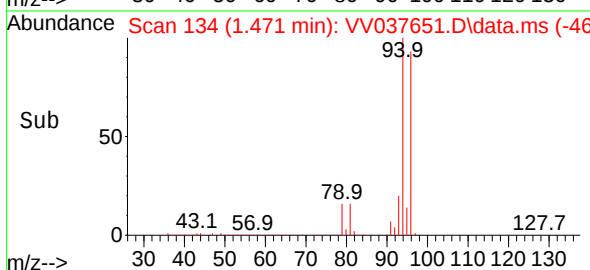
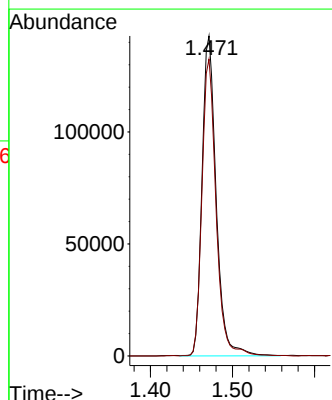
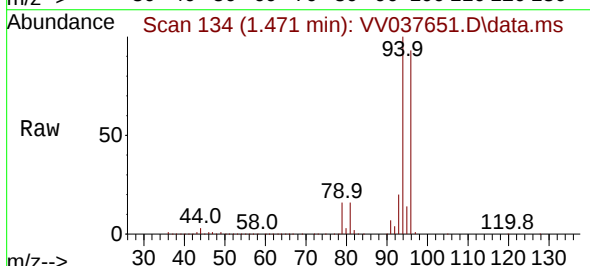


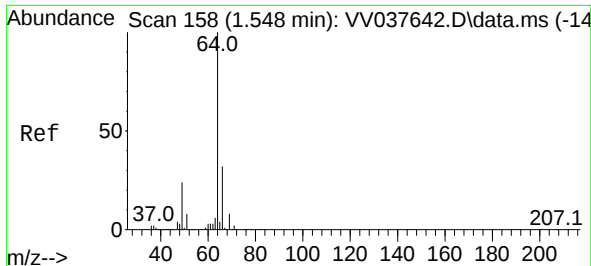
Tgt Ion: 62 Resp: 296913
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 50.424 ug/L
 RT: 1.471 min Scan# 134
 Delta R.T. -0.016 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Tgt Ion: 94 Resp: 170706
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.8 122.2

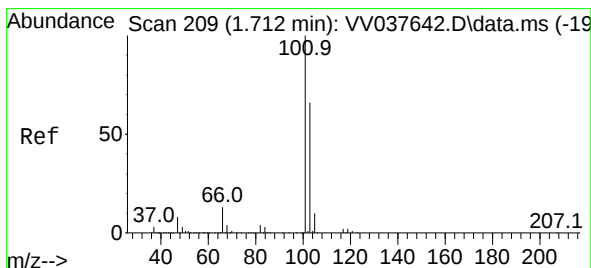
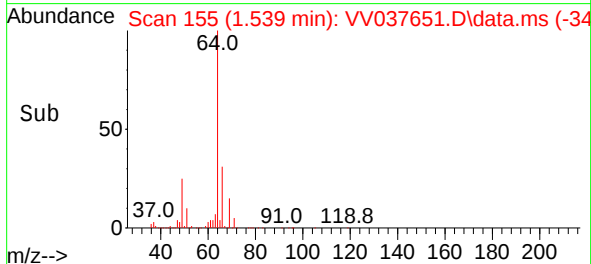
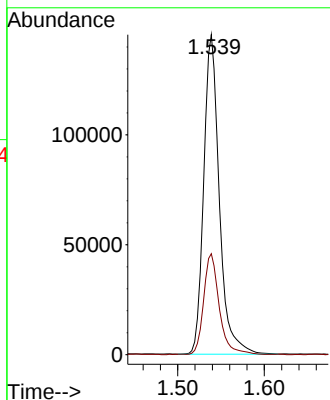
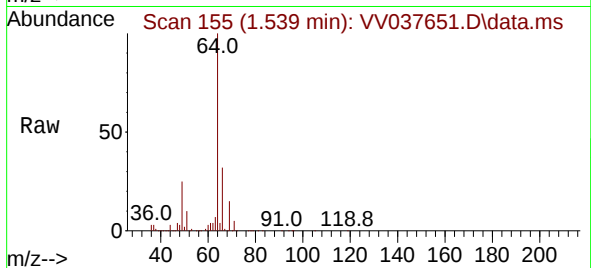




#8
Chloroethane
Concen: 48.454 ug/L
RT: 1.539 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

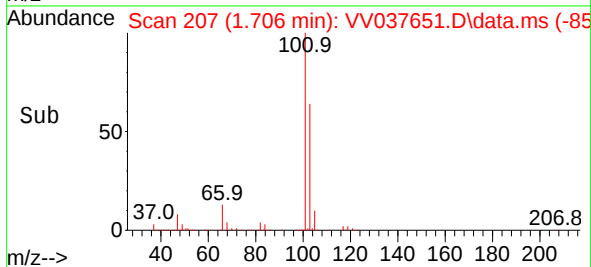
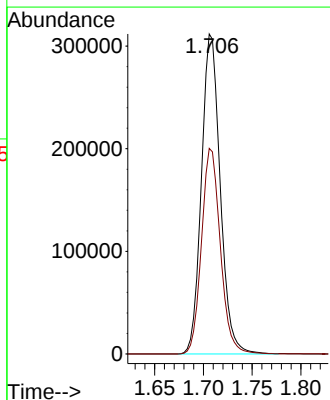
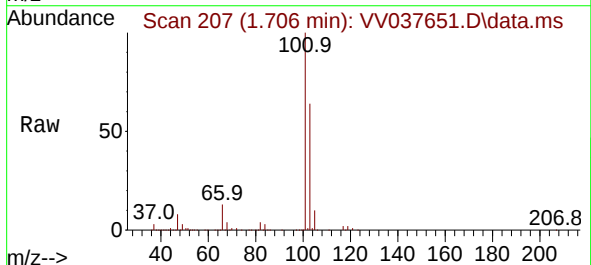
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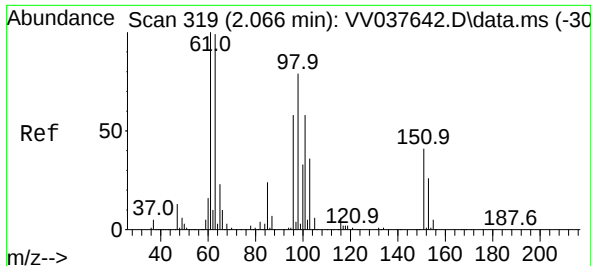
Tgt Ion: 64 Resp: 182184
Ion Ratio Lower Upper
64 100
66 31.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.936 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:101 Resp: 418257
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

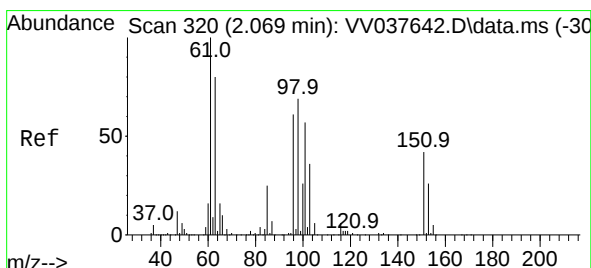
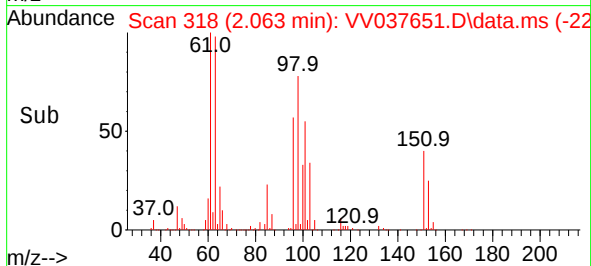
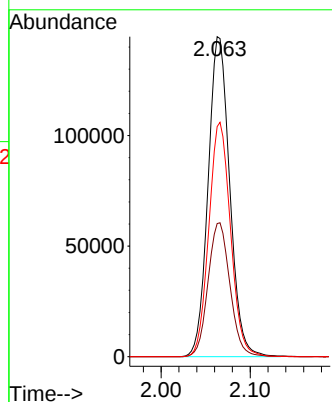
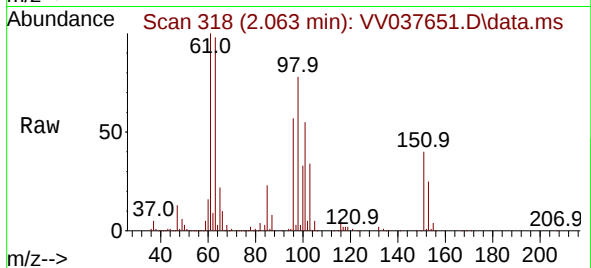




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.621 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

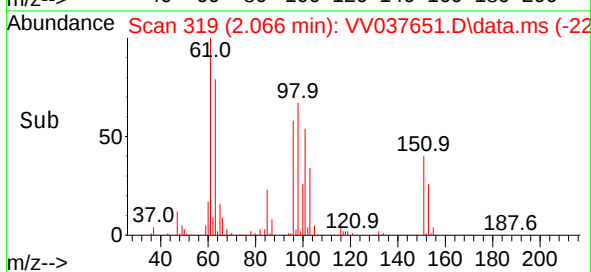
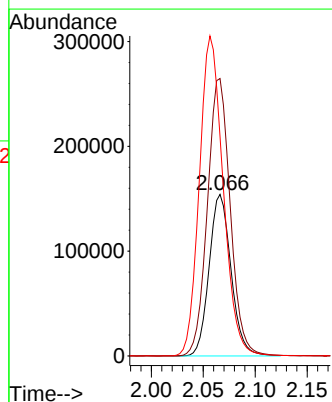
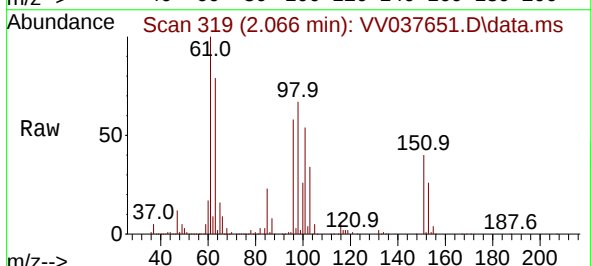
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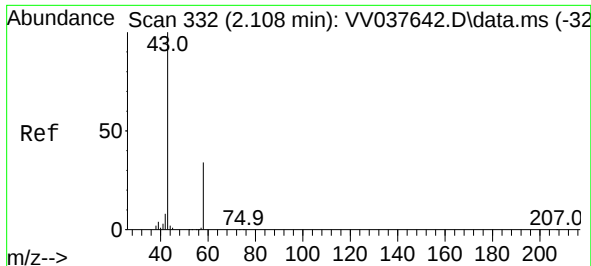
Tgt Ion:101 Resp: 243482
Ion Ratio Lower Upper
101 100
85 42.4 34.6 52.0
151 73.7 57.5 86.3



#12
1,1-Dichloroethene
Concen: 49.333 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 96 Resp: 226123
Ion Ratio Lower Upper
96 100
61 171.8 122.6 227.6
63 135.7 118.0 219.2

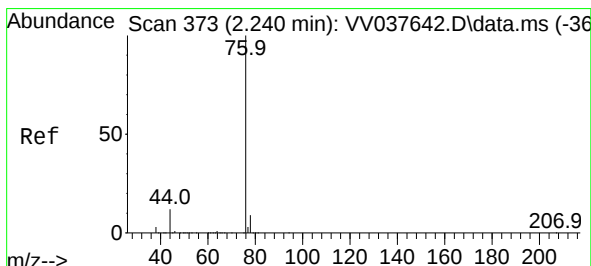
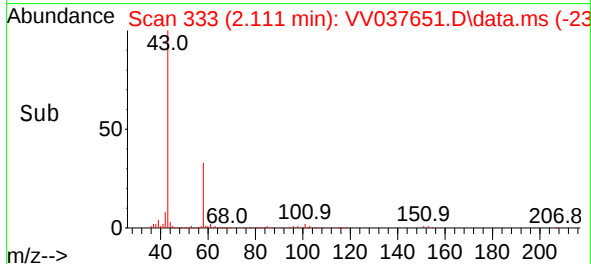
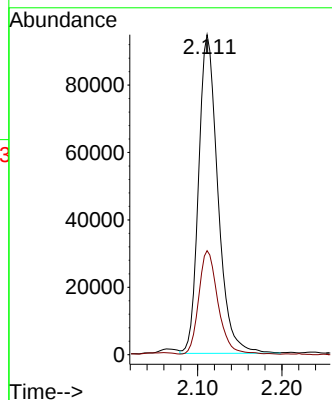
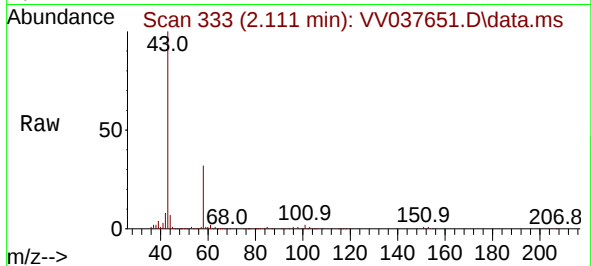




#13
Acetone
Concen: 71.267 ug/L
RT: 2.111 min Scan# 332
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

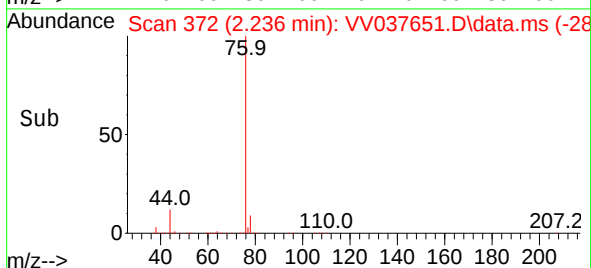
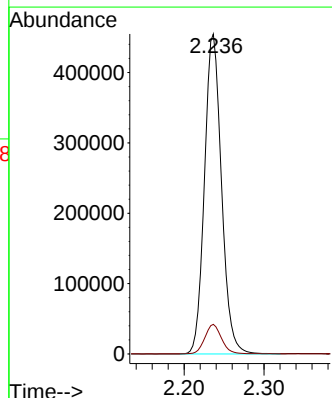
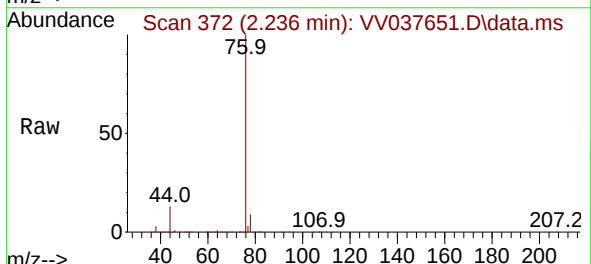
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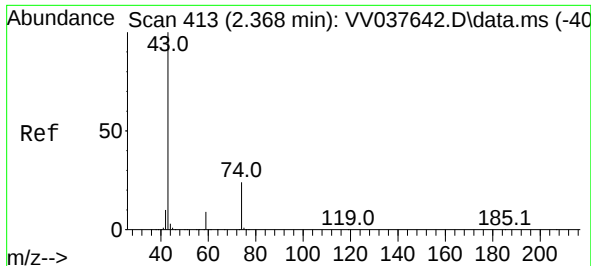
Tgt Ion: 43 Resp: 150393
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.6



#14
Carbon disulfide
Concen: 47.195 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 76 Resp: 675227
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

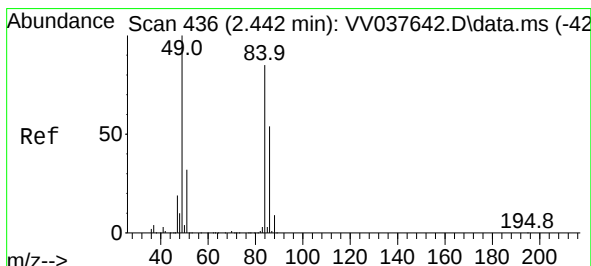
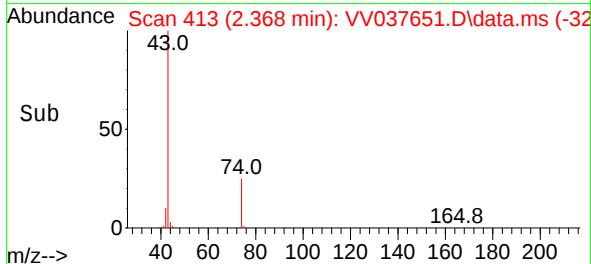
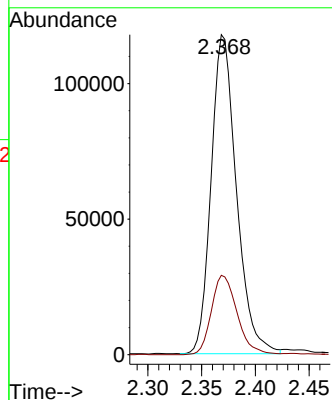
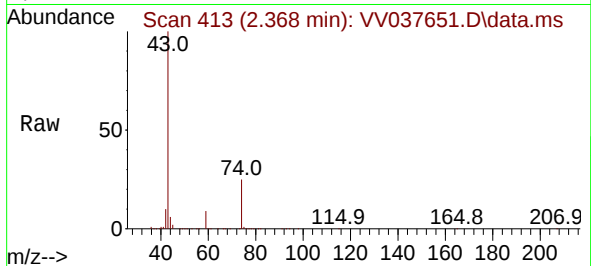




#15
Methyl Acetate
Concen: 52.401 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

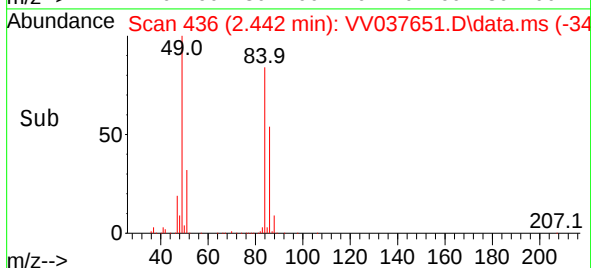
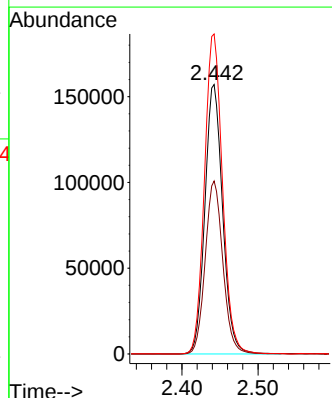
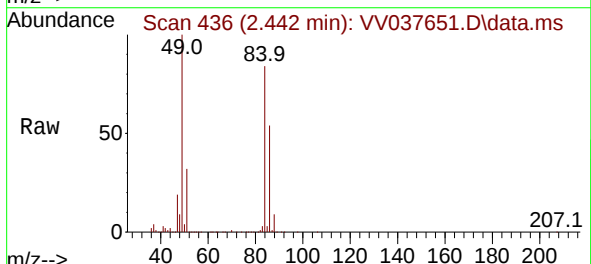
Instrument :
MSVOA_V
ClientSampleId :

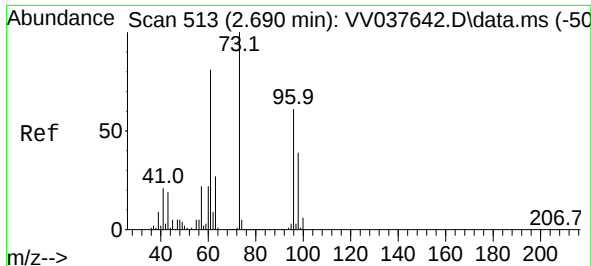
Tgt Ion: 43 Resp: 192980
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0



#16
Methylene chloride
Concen: 49.118 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 84 Resp: 254912
Ion Ratio Lower Upper
84 100
86 64.2 46.4 86.2
49 118.7 85.9 159.5

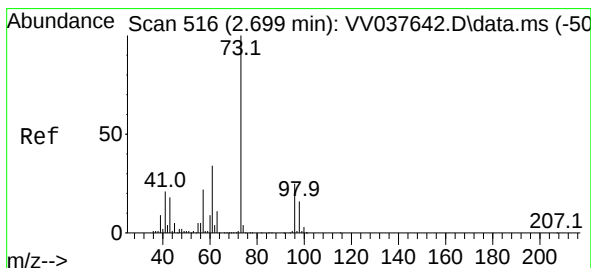
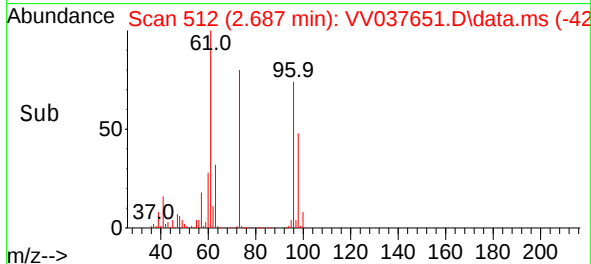
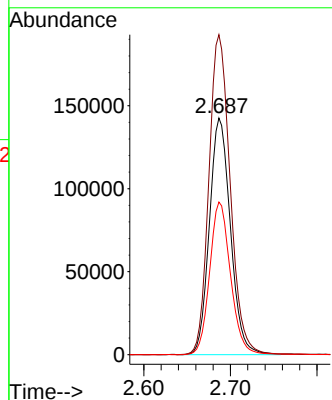
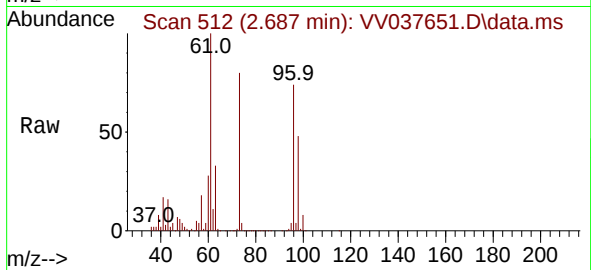




#17
trans-1,2-Dichloroethene
Concen: 49.721 ug/L
RT: 2.687 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

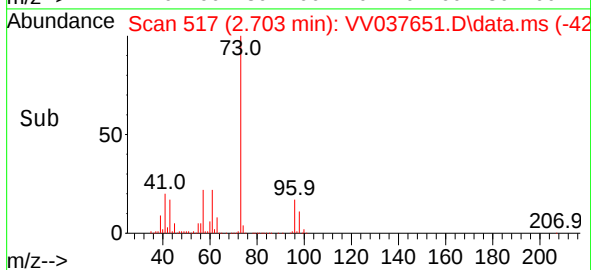
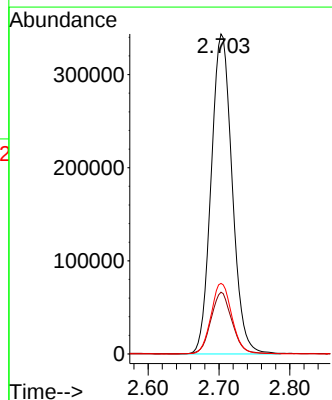
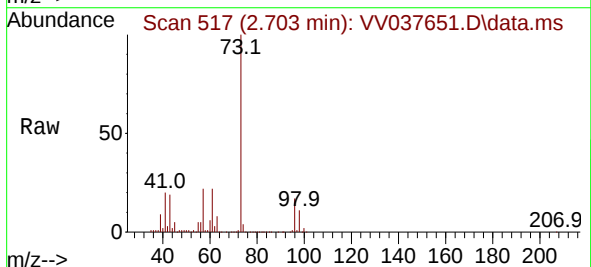
Instrument :
MSVOA_V
ClientSampleId :

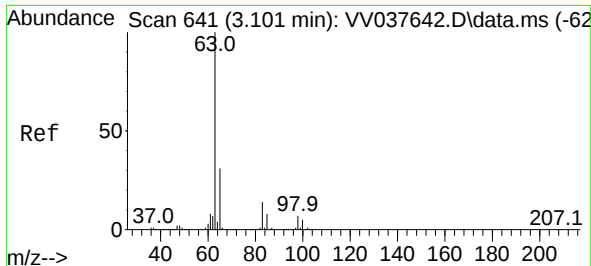
Tgt Ion: 96 Resp: 241095
Ion Ratio Lower Upper
96 100
61 135.2 97.3 180.7
98 64.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 50.762 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 73 Resp: 706192
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7
57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 49.820 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

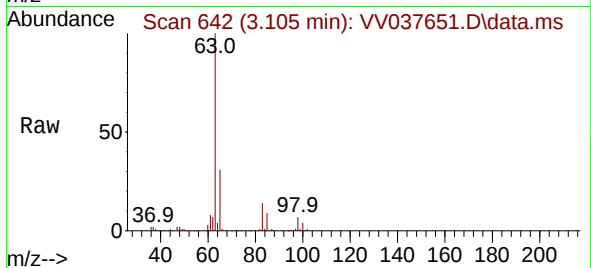
Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :



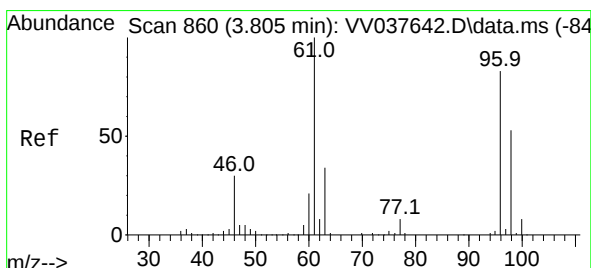
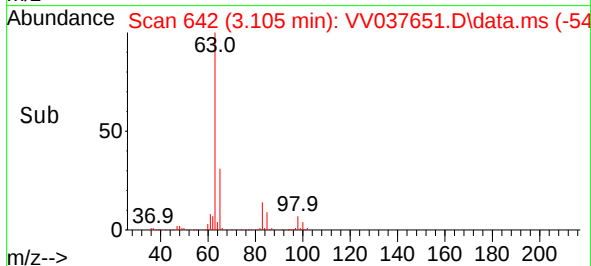
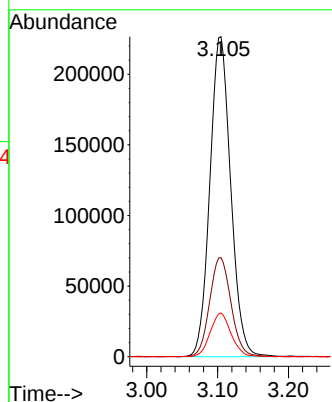
Tgt Ion: 63 Resp: 462853

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 50.440 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

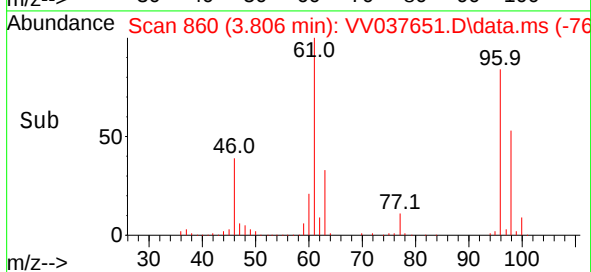
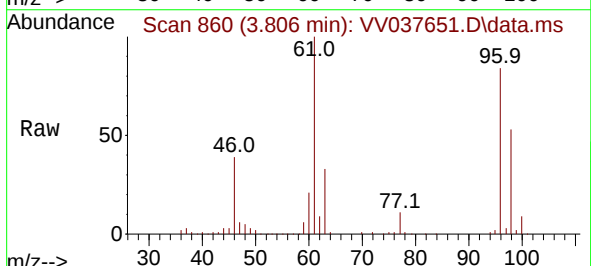
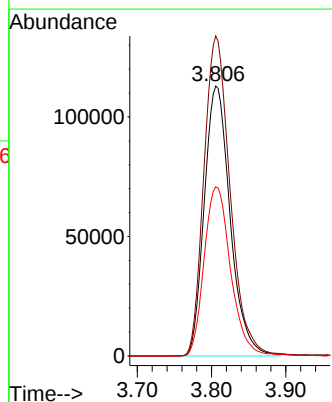
Tgt Ion: 96 Resp: 273702

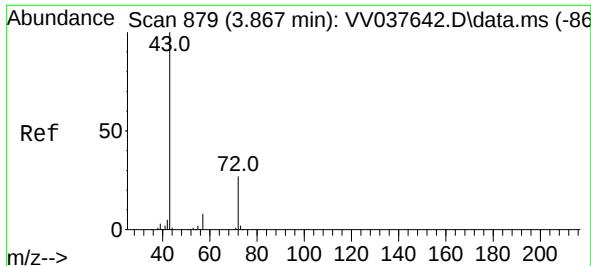
Ion Ratio Lower Upper

96 100

61 118.5 85.0 157.8

98 62.7 44.2 82.0

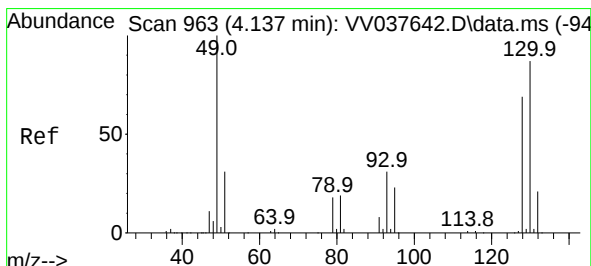
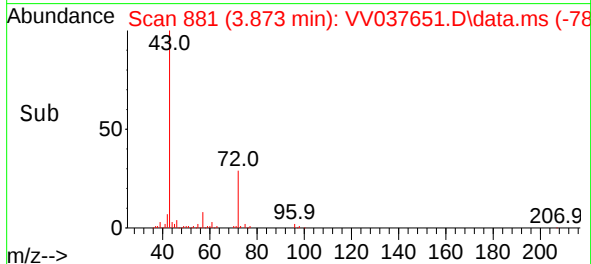
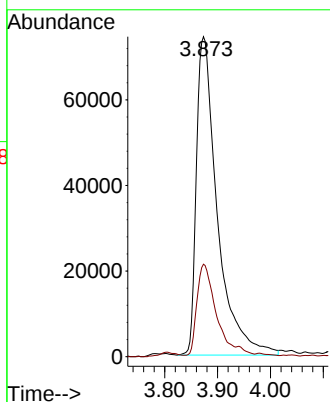
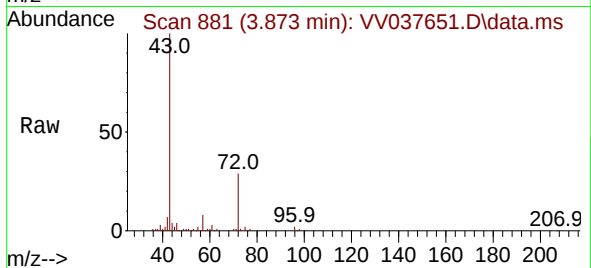




#22
2-Butanone
Concen: 87.509 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.007 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

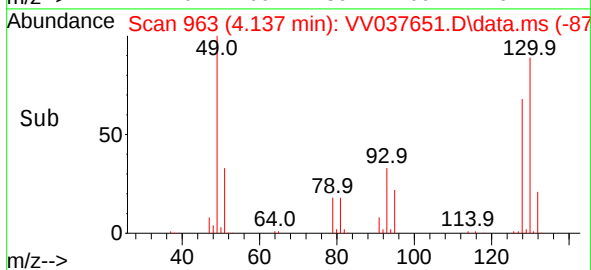
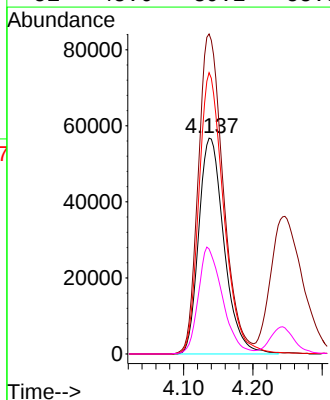
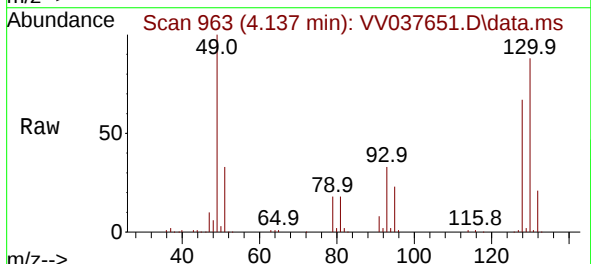
Instrument :
MSVOA_V
ClientSampleId :

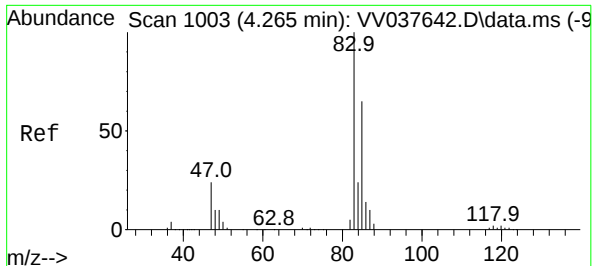
Tgt Ion: 43 Resp: 204397
Ion Ratio Lower Upper
43 100
72 25.3 14.3 42.9



#23
Bromochloromethane
Concen: 51.282 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:128 Resp: 143942
Ion Ratio Lower Upper
128 100
49 148.2 108.7 201.9
130 130.3 90.4 168.0
51 48.6 39.2 58.8





#25

Chloroform

Concen: 49.544 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

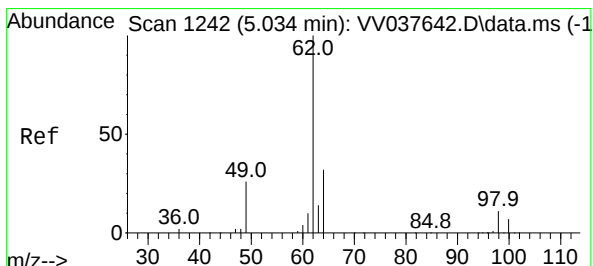
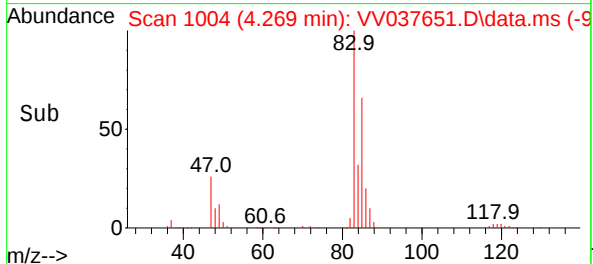
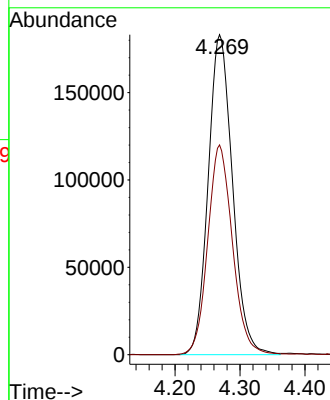
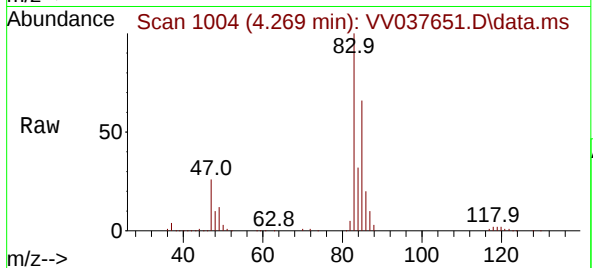
ClientSampleId :

Tgt Ion: 83 Resp: 476566

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.012 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV037651.D

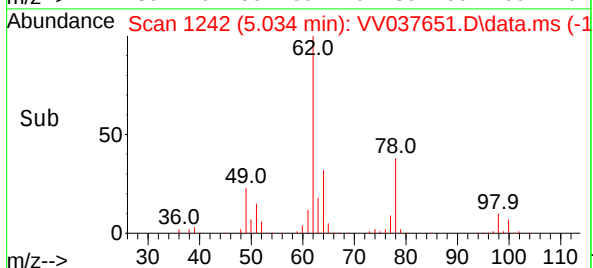
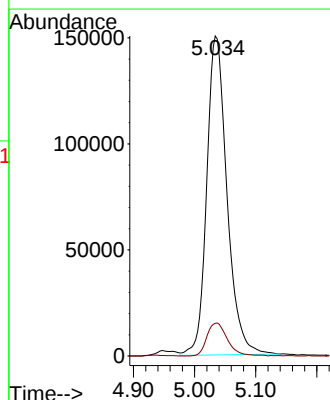
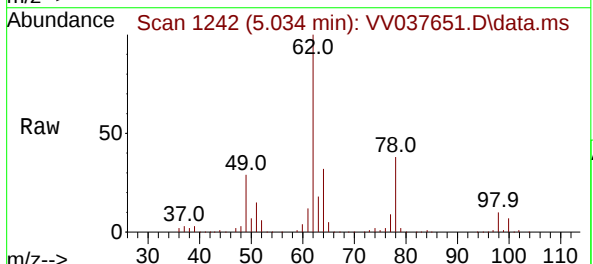
Acq: 30 Sep 2024 13:49

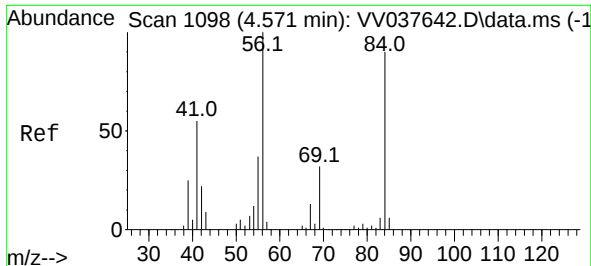
Tgt Ion: 62 Resp: 346398

Ion Ratio Lower Upper

62 100

98 10.2 8.4 12.6





#29

Cyclohexane

Concen: 47.552 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

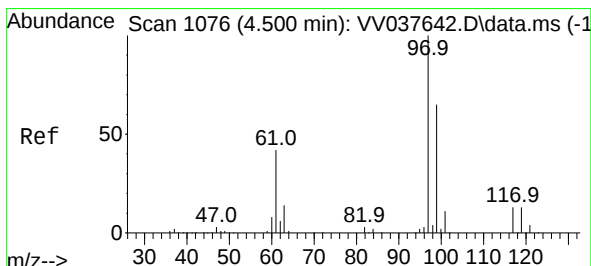
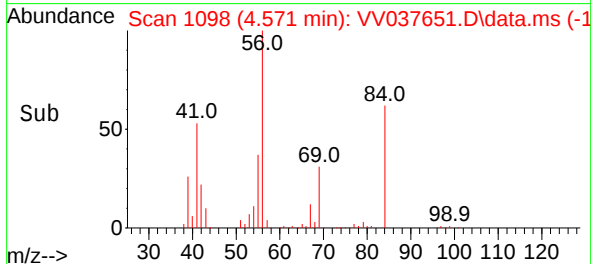
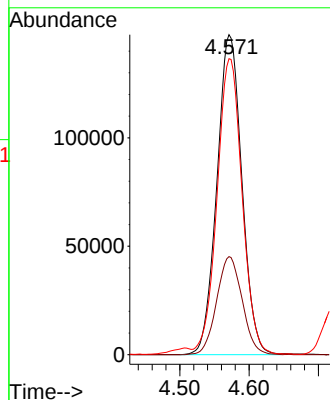
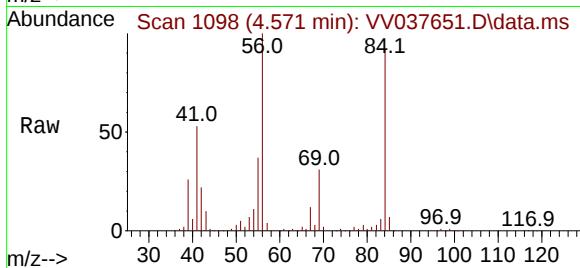
Tgt Ion: 56 Resp: 369441

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 92.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 49.785 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

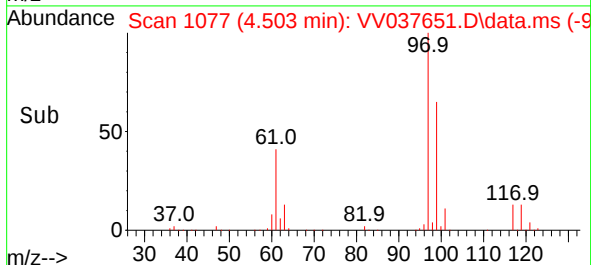
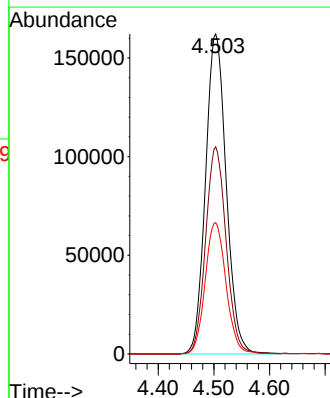
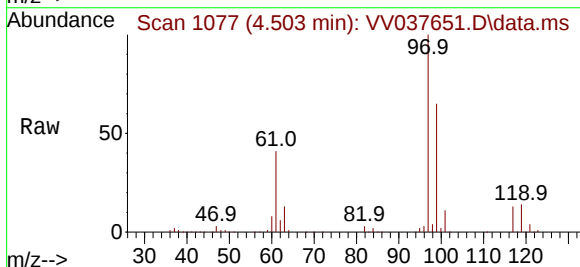
Tgt Ion: 97 Resp: 419569

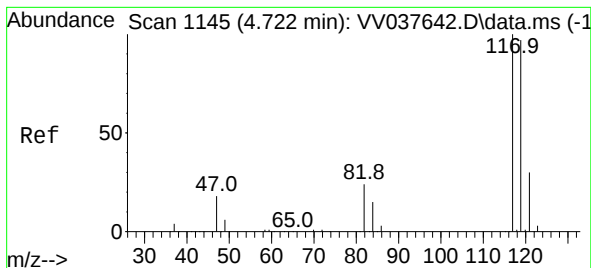
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 41.4 33.6 50.4





#31

Carbon tetrachloride

Concen: 50.164 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

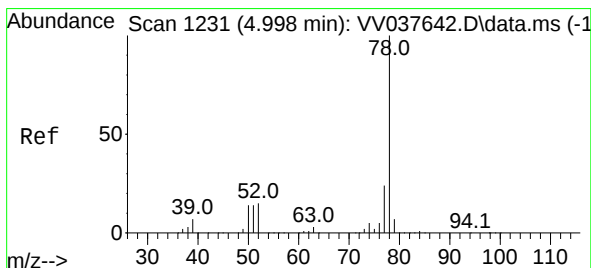
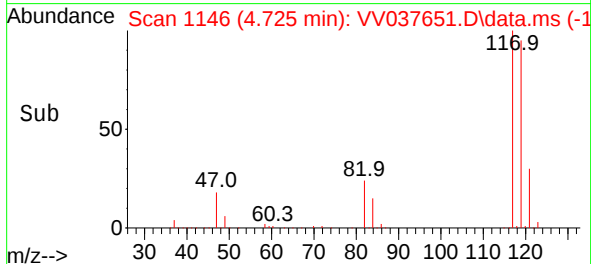
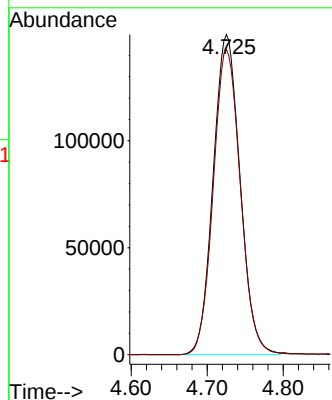
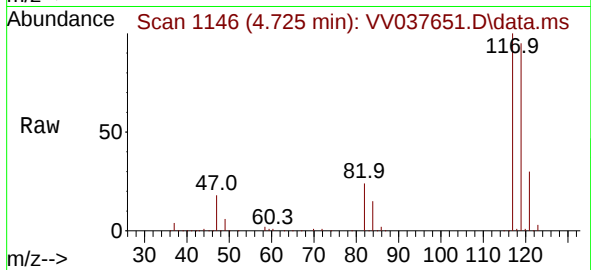
ClientSampleId :

Tgt Ion:117 Resp: 367553

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3



#33

Benzene

Concen: 49.241 ug/L

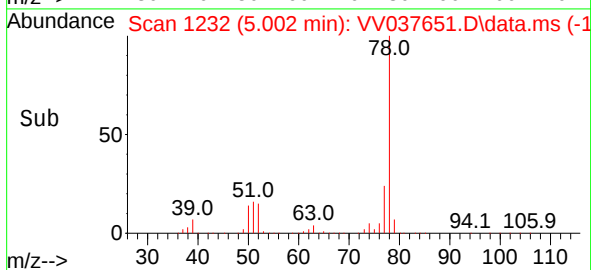
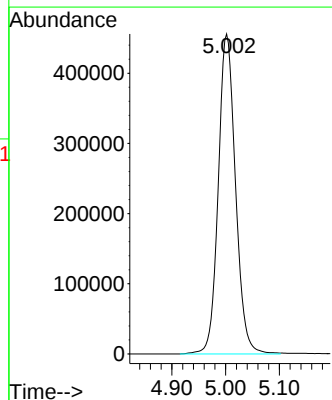
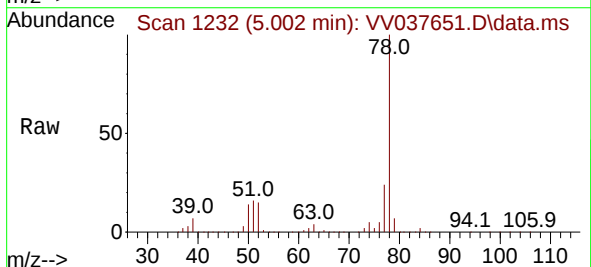
RT: 5.002 min Scan# 1232

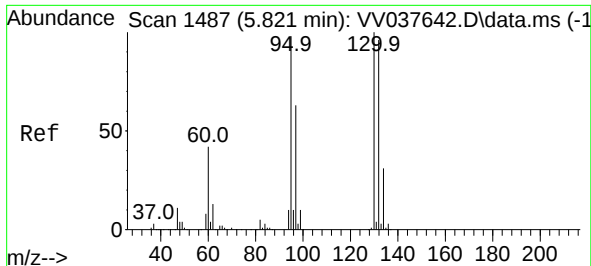
Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Tgt Ion: 78 Resp: 1016170





#34

Trichloroethene

Concen: 48.379 ug/L

RT: 5.825 min Scan# 1487

Delta R.T. 0.003 min

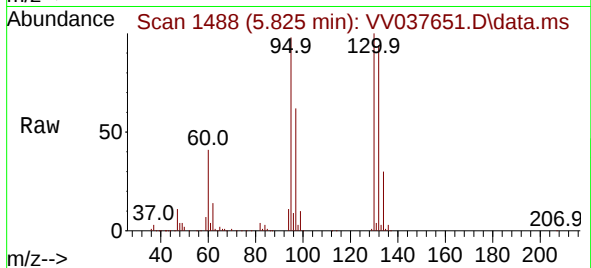
Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 265882

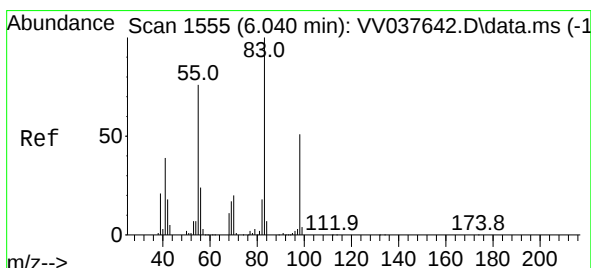
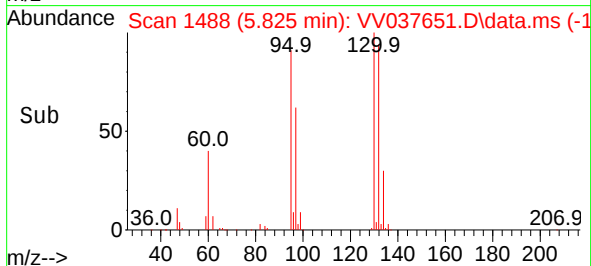
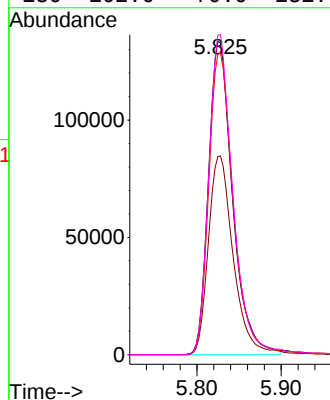
Ion Ratio Lower Upper

95 100

97 63.2 46.3 85.9

132 95.9 68.6 127.4

130 102.0 70.9 131.7



#35

Methylcyclohexane

Concen: 48.125 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

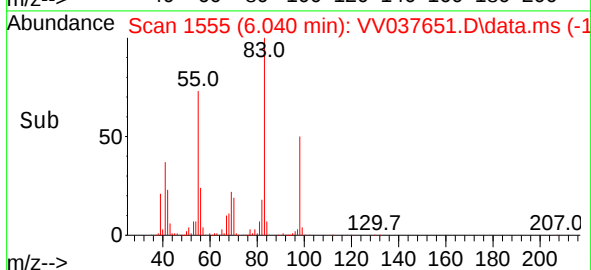
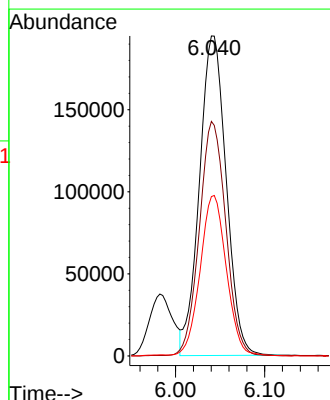
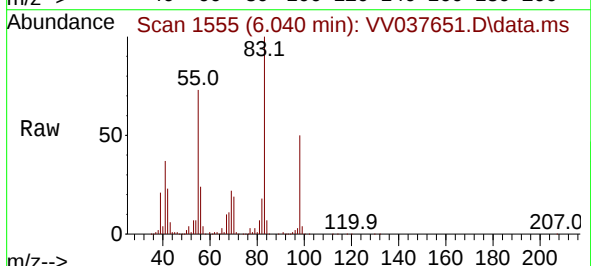
Tgt Ion: 83 Resp: 406877

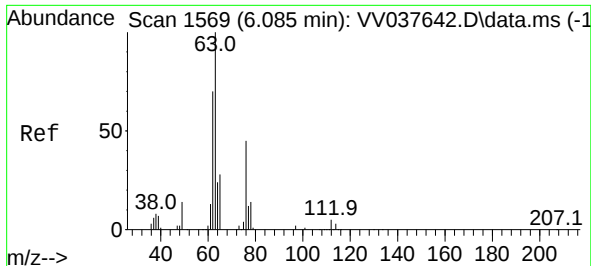
Ion Ratio Lower Upper

83 100

55 72.6 57.9 86.9

98 49.1 39.3 58.9

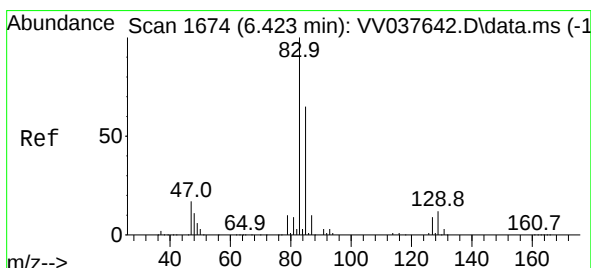
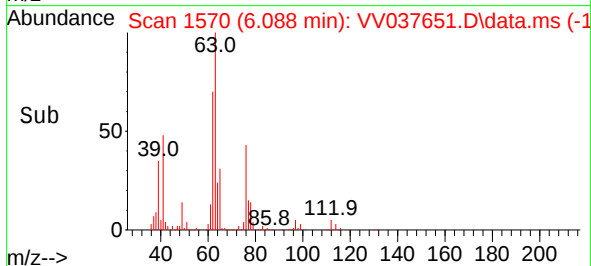
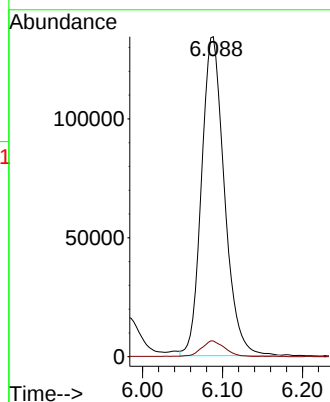
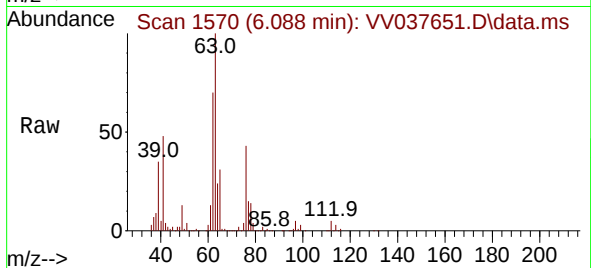




#37
1,2-Dichloropropane
Concen: 50.222 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

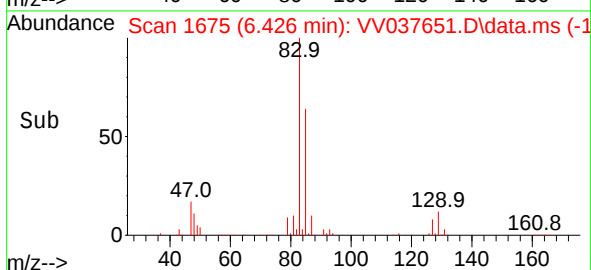
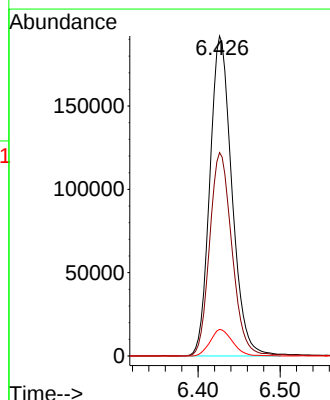
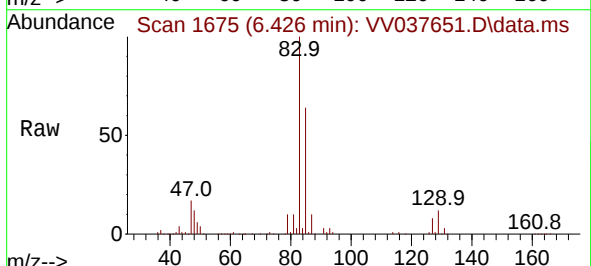
Instrument :
MSVOA_V
ClientSampleId :

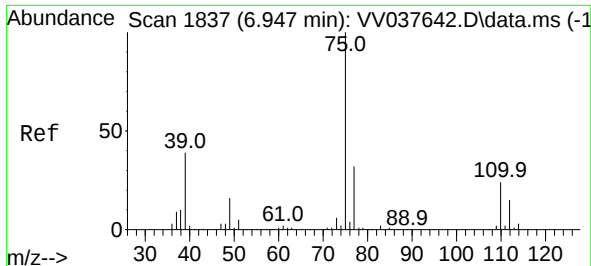
Tgt Ion: 63 Resp: 267630
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 50.345 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 83 Resp: 358641
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9
127 8.3 7.0 10.4

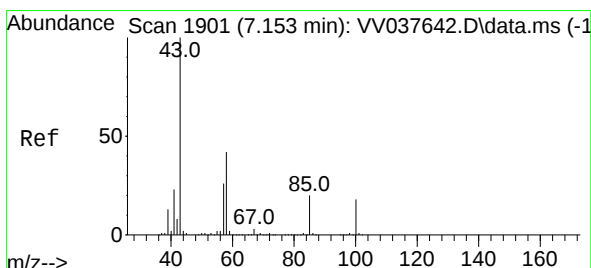
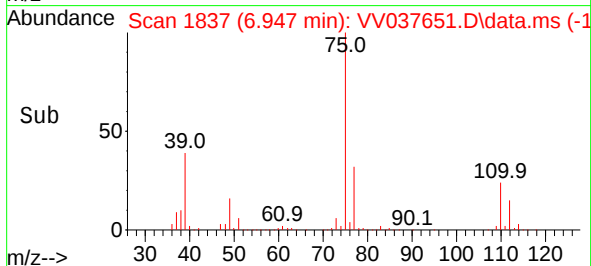
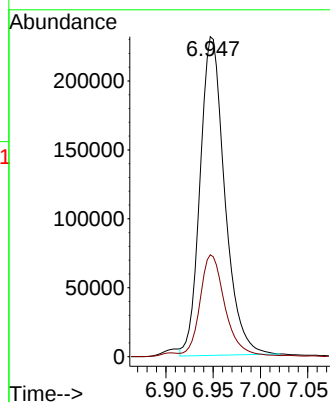
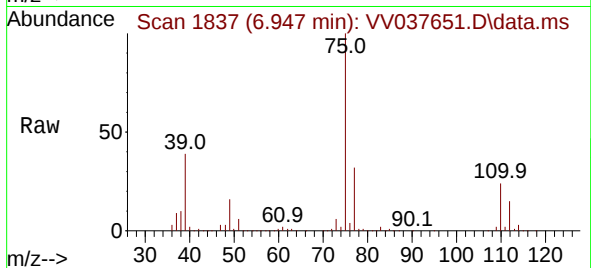




#39
 cis-1,3-Dichloropropene
 Concen: 49.358 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

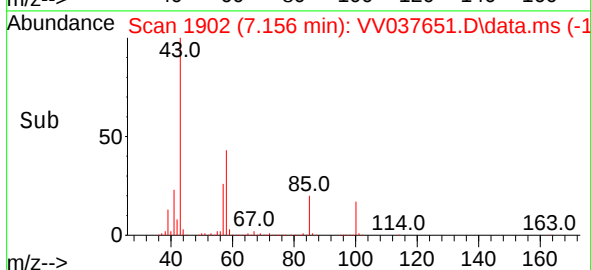
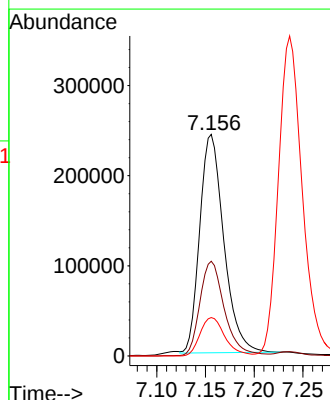
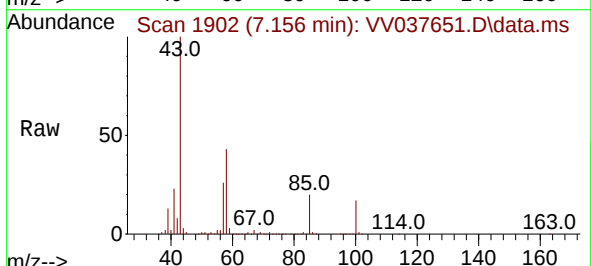
Instrument :
 MSVOA_V
 ClientSampleId :

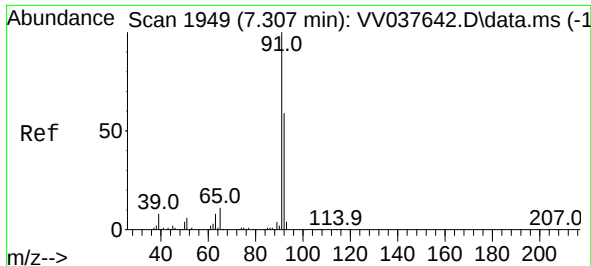
Tgt Ion: 75 Resp: 419870
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 96.161 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Tgt Ion: 43 Resp: 417236
 Ion Ratio Lower Upper
 43 100
 58 44.3 33.0 49.4
 100 18.1 13.7 20.5





#42

Toluene

Concen: 52.915 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

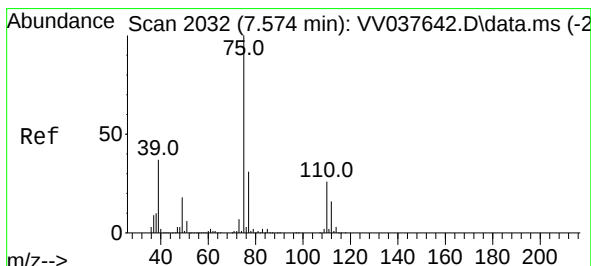
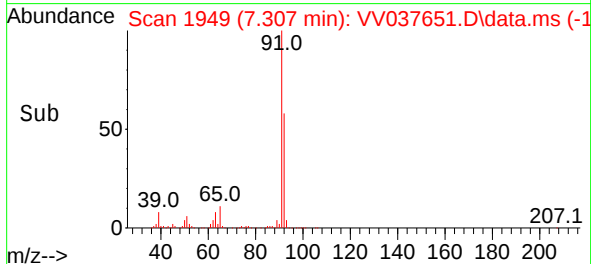
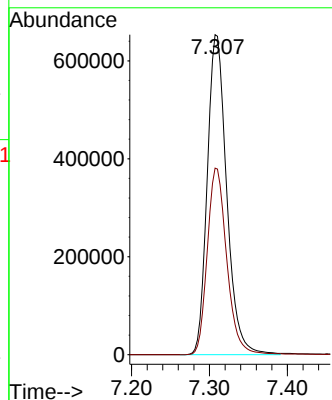
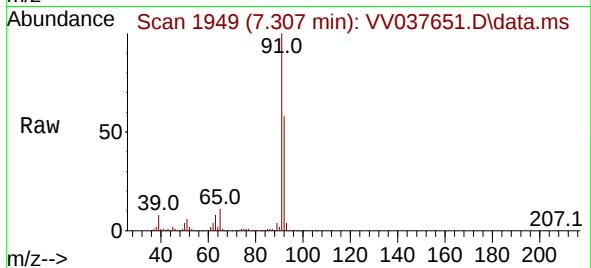
ClientSampleId :

Tgt Ion: 91 Resp: 1132054

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 51.137 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037651.D

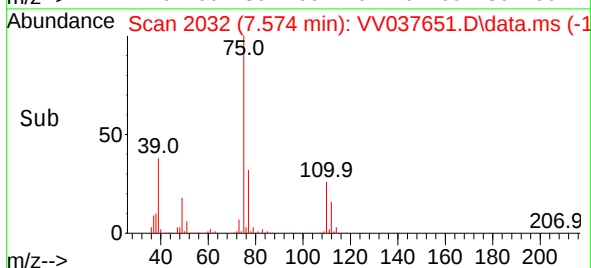
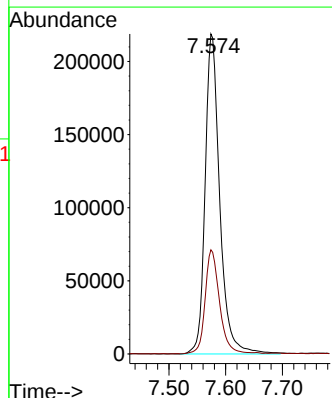
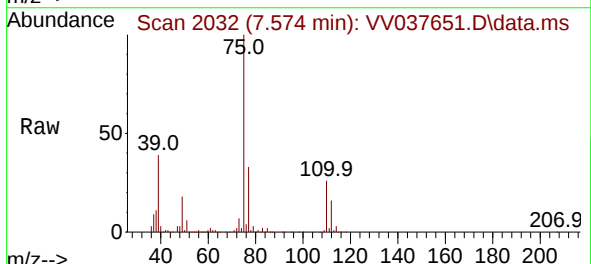
Acq: 30 Sep 2024 13:49

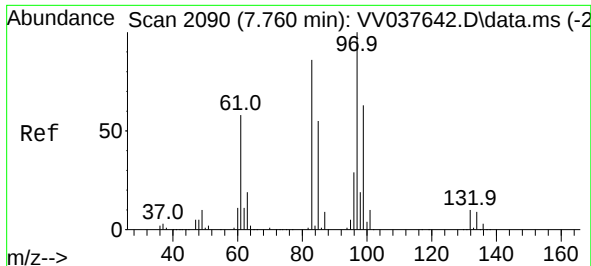
Tgt Ion: 75 Resp: 391629

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7

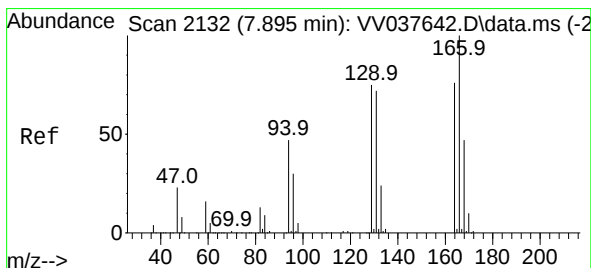
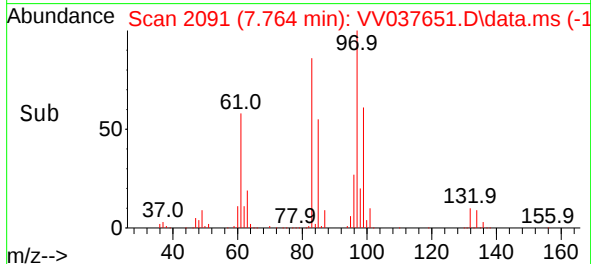
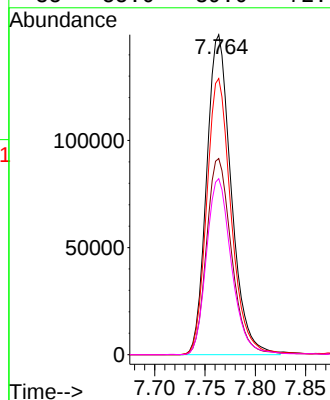
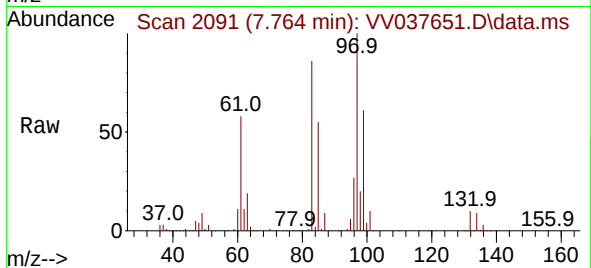




#45
1,1,2-Trichloroethane
Concen: 49.757 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

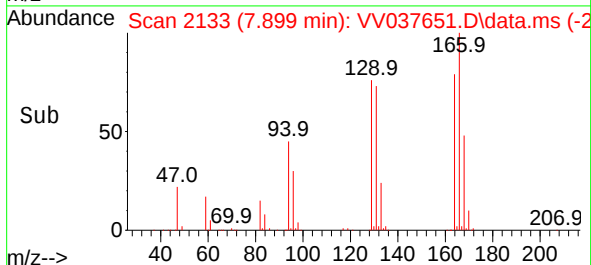
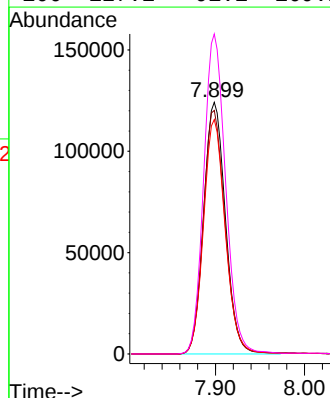
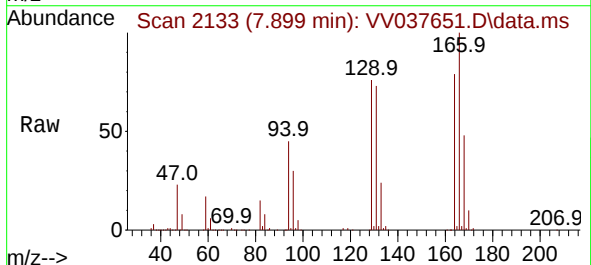
Instrument :
MSVOA_V
ClientSampleId :

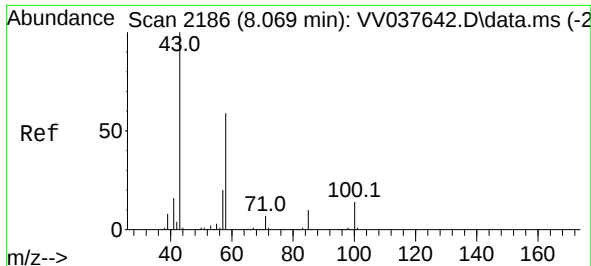
Tgt Ion:	97	Resp:	254603
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.1	81.9
83	86.3	59.3	110.1
85	55.0	39.0	72.4



#46
Tetrachloroethene
Concen: 50.193 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:	164	Resp:	210909
Ion	Ratio	Lower	Upper
164	100		
129	96.7	68.2	126.6
131	93.1	66.1	122.8
166	127.1	91.1	169.1

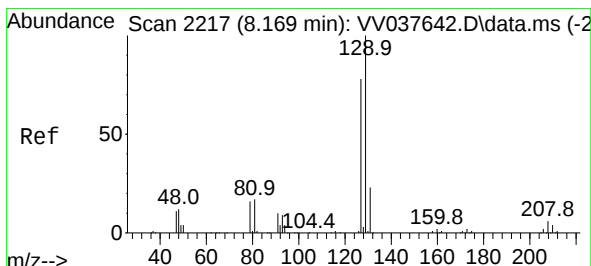
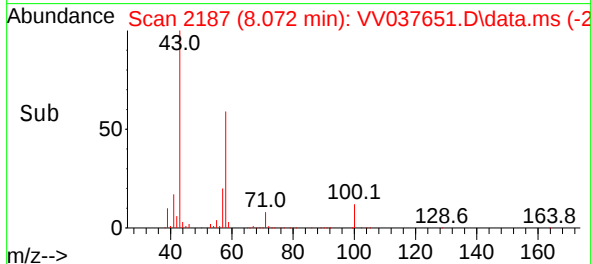
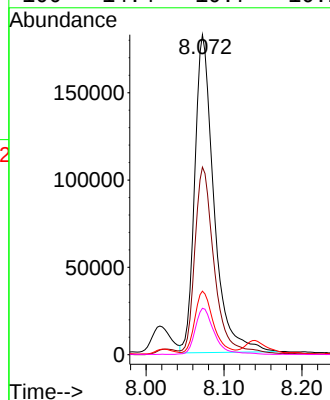
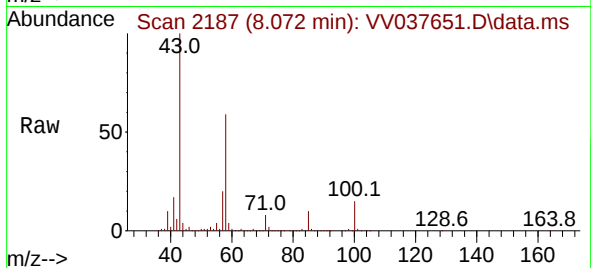




#48
2-Hexanone
Concen: 92.462 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

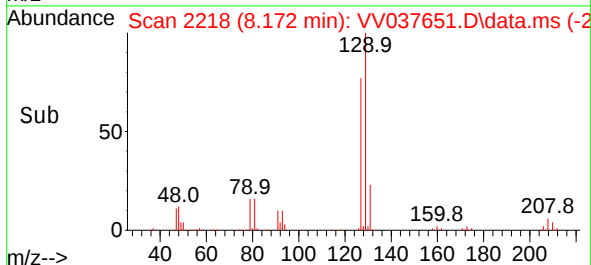
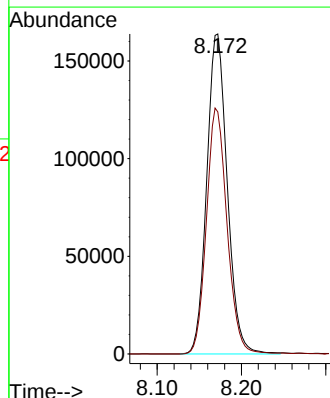
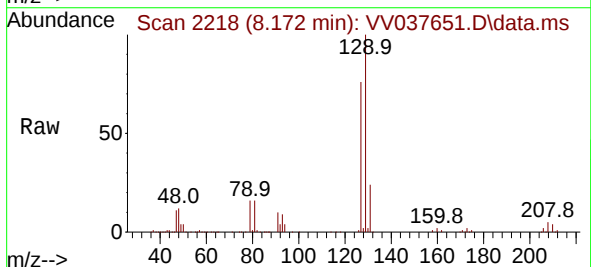
Instrument :
MSVOA_V
ClientSampleId :

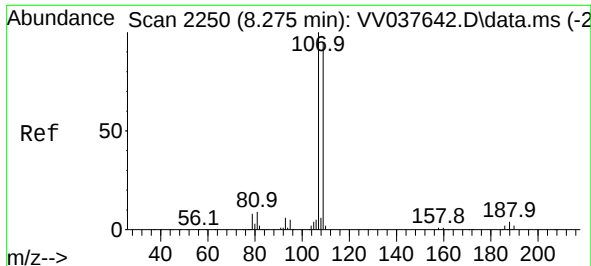
Tgt Ion: 43 Resp: 311954
Ion Ratio Lower Upper
43 100
58 59.7 46.5 69.7
57 18.8 15.1 22.7
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 51.293 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:129 Resp: 277782
Ion Ratio Lower Upper
129 100
127 75.7 54.9 101.9





#50

1,2-Dibromoethane

Concen: 49.919 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

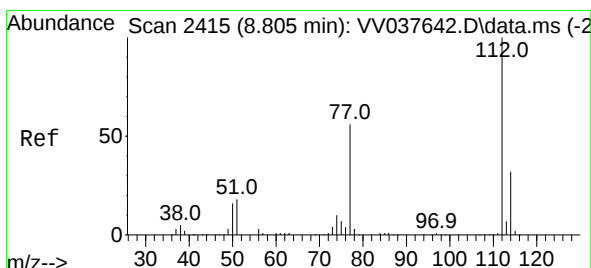
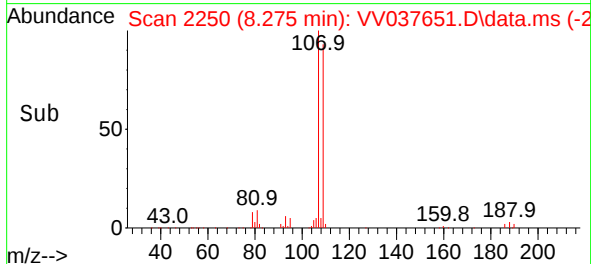
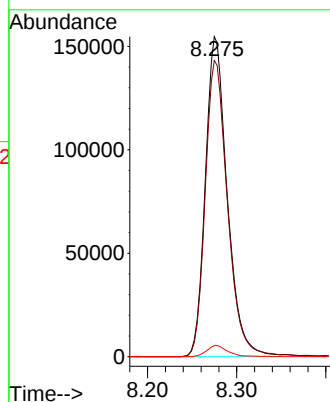
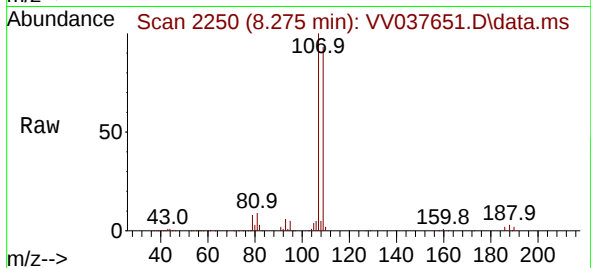
Tgt Ion:107 Resp: 264041

Ion Ratio Lower Upper

107 100

109 92.6 65.7 121.9

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 49.618 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

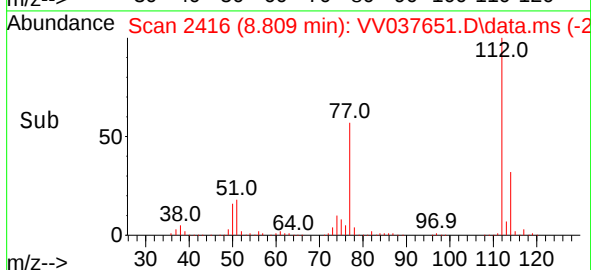
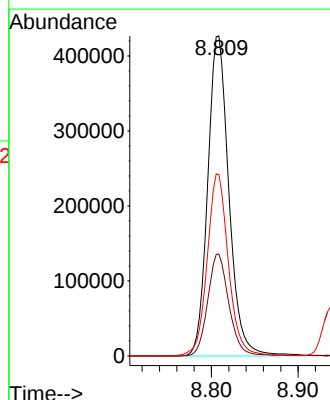
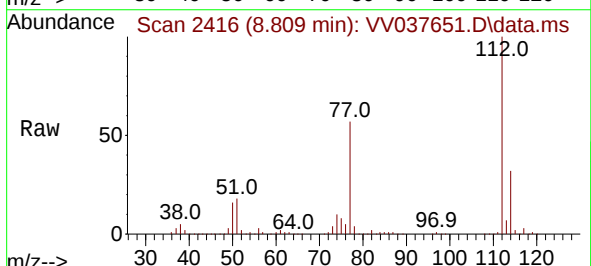
Tgt Ion:112 Resp: 723217

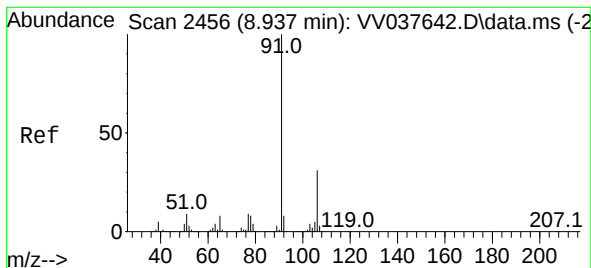
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.7

77 56.7 45.8 68.8





#52

Ethylbenzene

Concen: 50.130 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

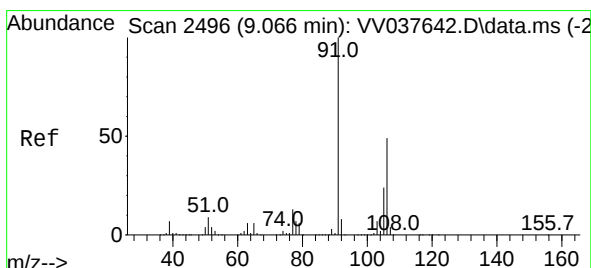
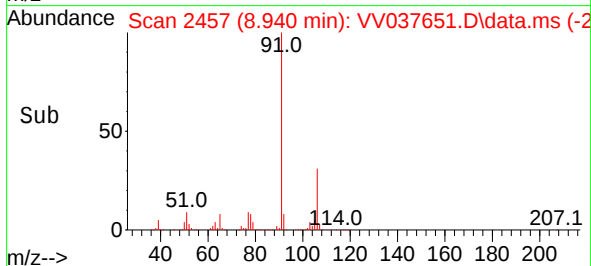
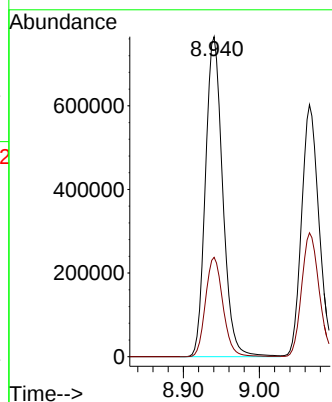
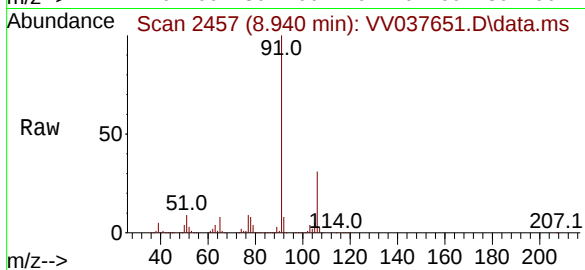
ClientSampleId :

Tgt Ion: 91 Resp: 1207226

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 53.315 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037651.D

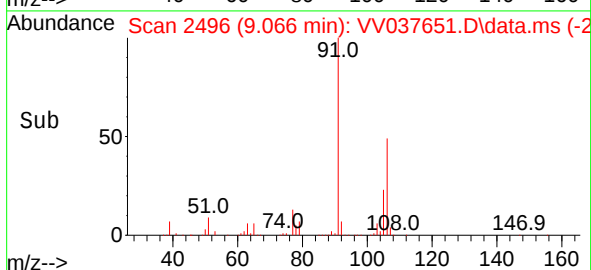
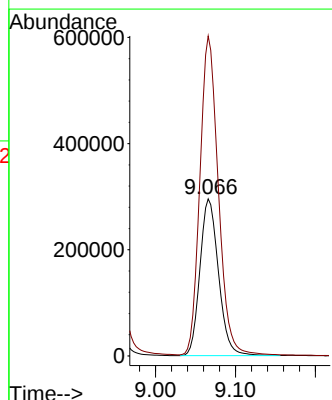
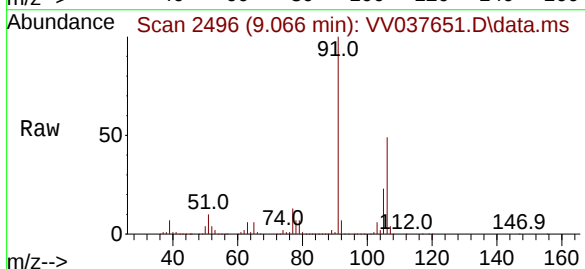
Acq: 30 Sep 2024 13:49

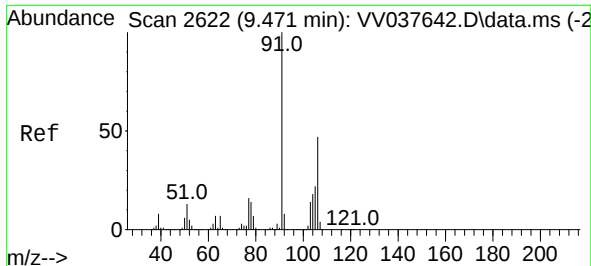
Tgt Ion:106 Resp: 477845

Ion Ratio Lower Upper

106 100

91 203.6 142.0 263.6

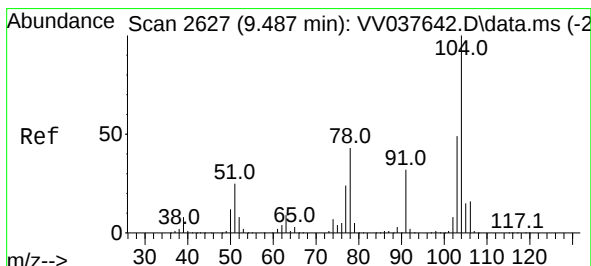
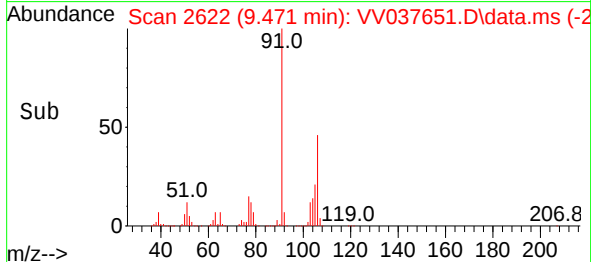
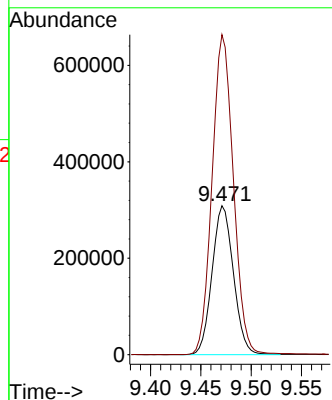
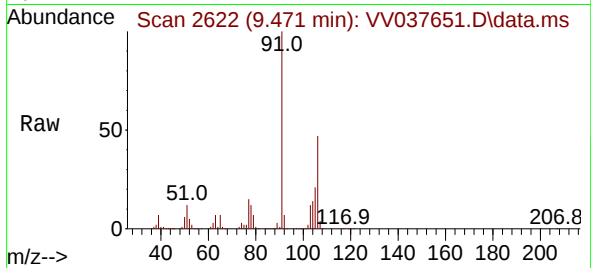




#54
o-Xylene
Concen: 52.205 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

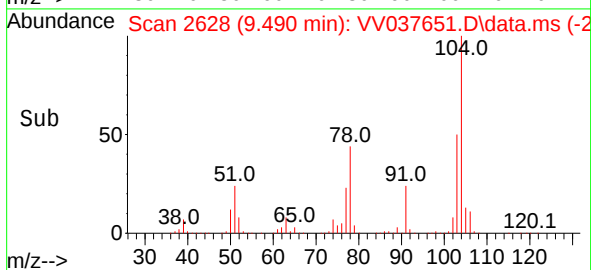
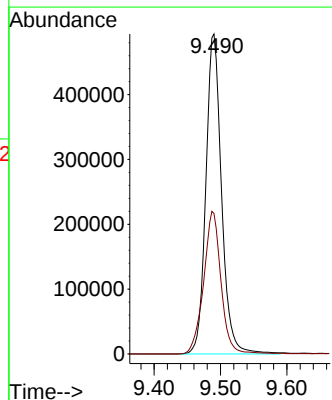
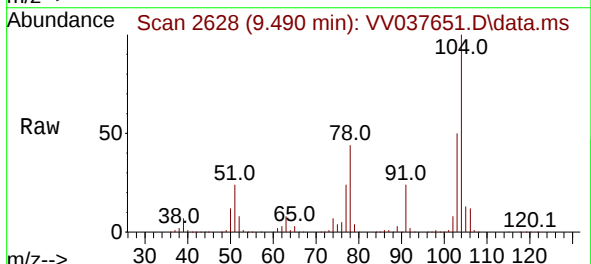
Instrument :
MSVOA_V
ClientSampleId :

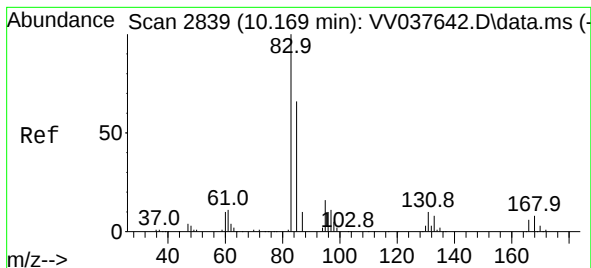
Tgt Ion:106 Resp: 456803
Ion Ratio Lower Upper
106 100
91 214.9 153.9 285.9



#55
Styrene
Concen: 53.421 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:104 Resp: 813744
Ion Ratio Lower Upper
104 100
78 43.9 30.0 55.6

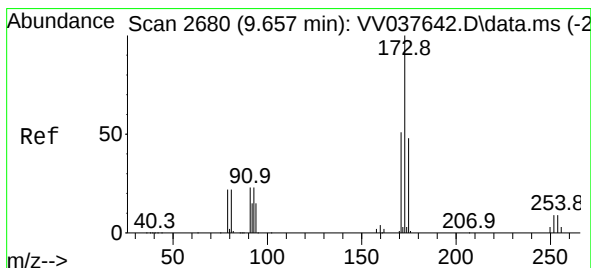
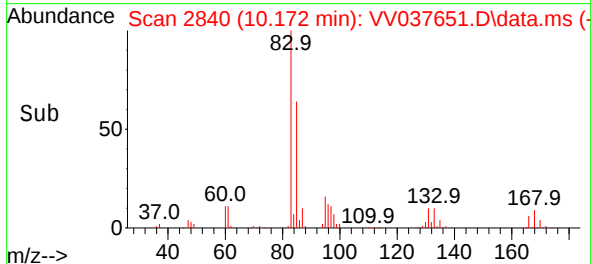
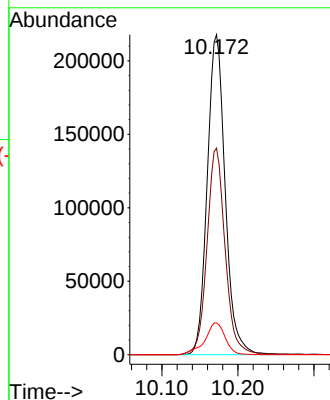
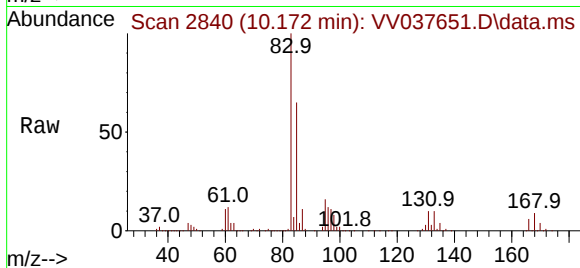




#57
1,1,2,2-Tetrachloroethane
Concen: 50.070 ug/L
RT: 10.172 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

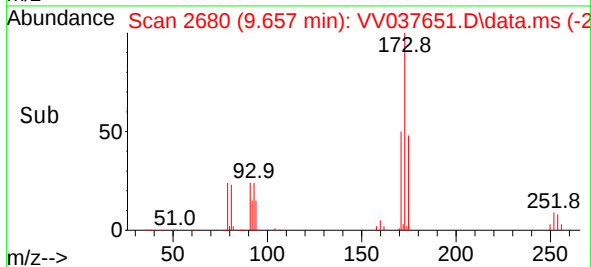
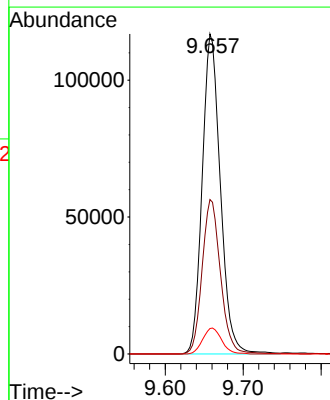
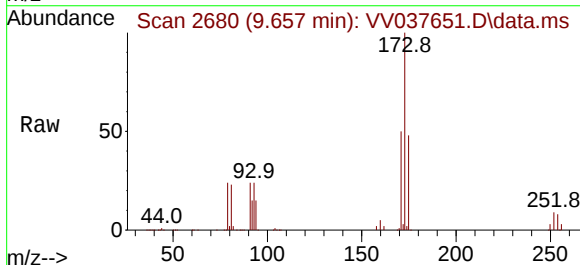
Instrument :
MSVOA_V
ClientSampleId :

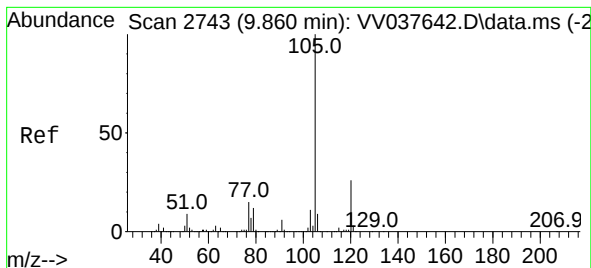
Tgt Ion: 83 Resp: 357203
Ion Ratio Lower Upper
83 100
85 64.5 45.9 85.3
131 9.9 7.9 11.9



#59
Bromoform
Concen: 51.268 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 173 Resp: 189290
Ion Ratio Lower Upper
173 100
175 48.6 40.0 60.0
254 8.4 6.5 9.7





#60

Isopropylbenzene

Concen: 49.542 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

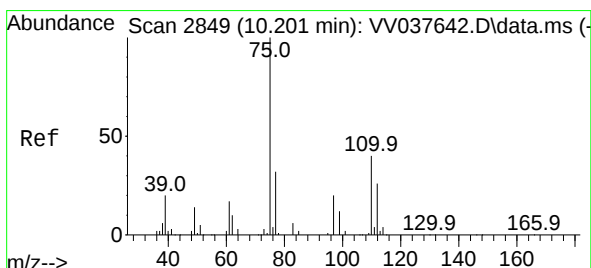
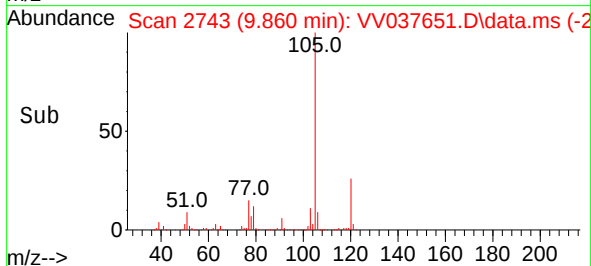
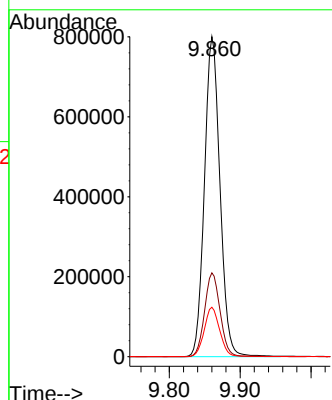
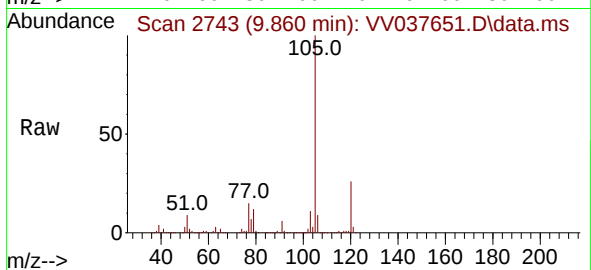
Tgt Ion:105 Resp: 1216736

Ion Ratio Lower Upper

105 100

120 26.2 20.7 31.1

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 47.612 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

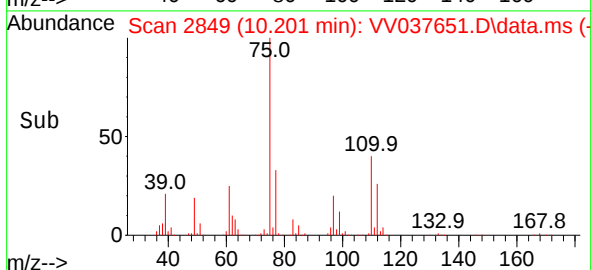
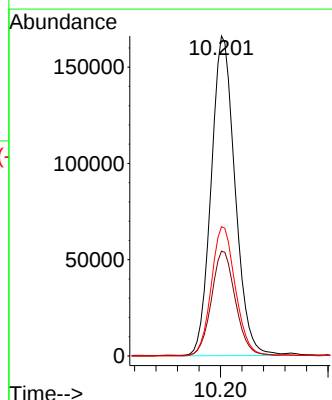
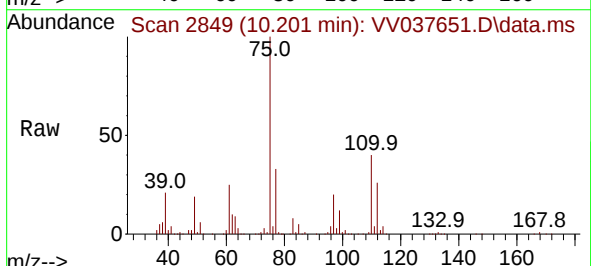
Tgt Ion: 75 Resp: 255934

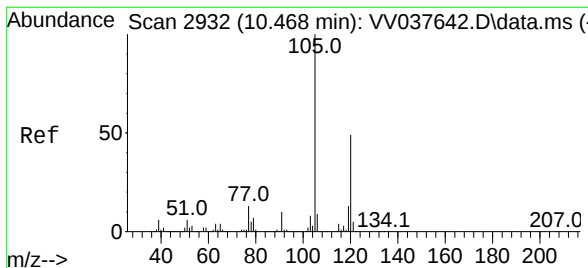
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

110 41.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 51.003 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

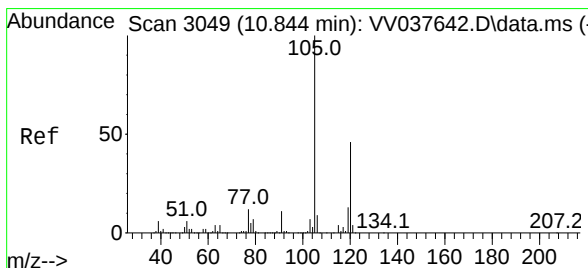
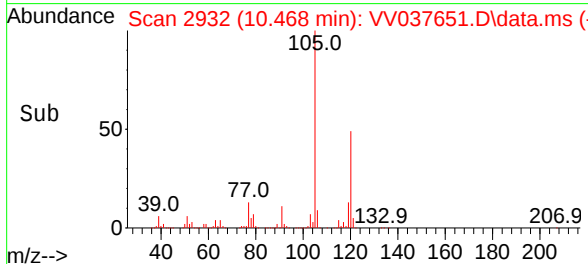
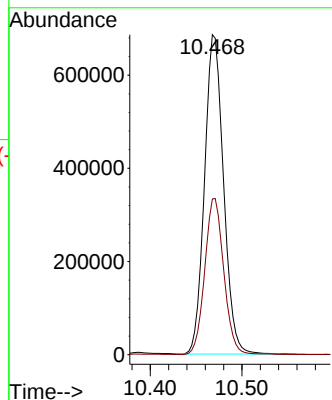
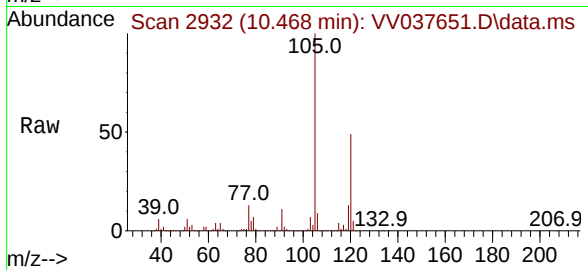
ClientSampleId :

Tgt Ion:105 Resp: 990329

Ion Ratio Lower Upper

105 100

120 48.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 52.132 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037651.D

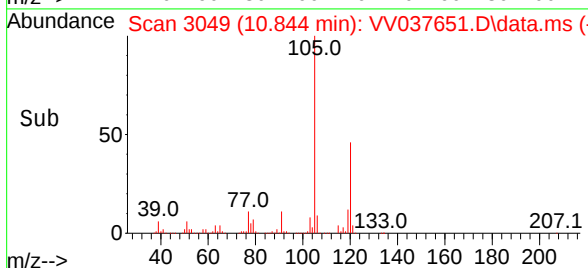
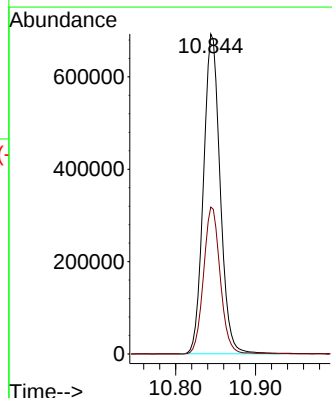
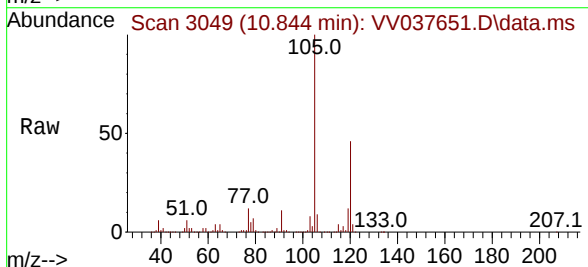
Acq: 30 Sep 2024 13:49

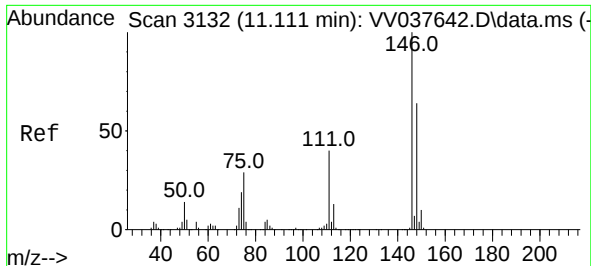
Tgt Ion:105 Resp: 1007162

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2

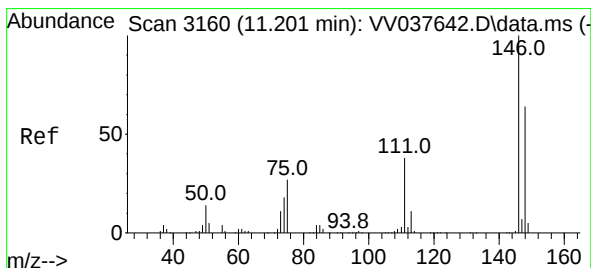
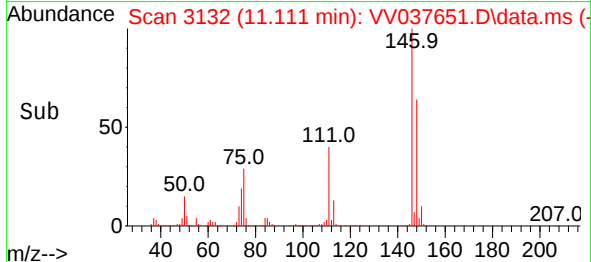
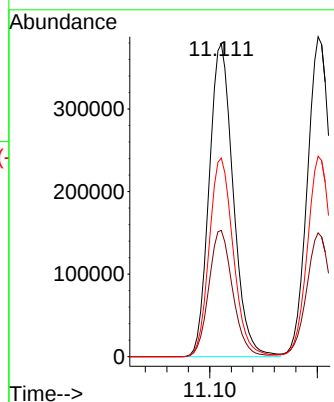
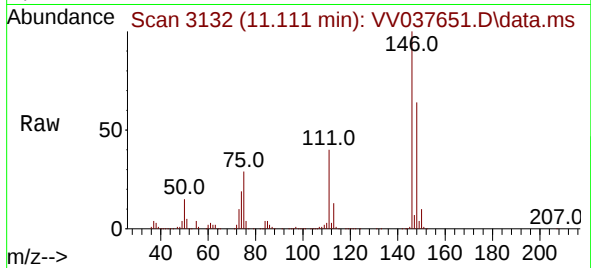




#64
1,3-Dichlorobenzene
Concen: 49.894 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

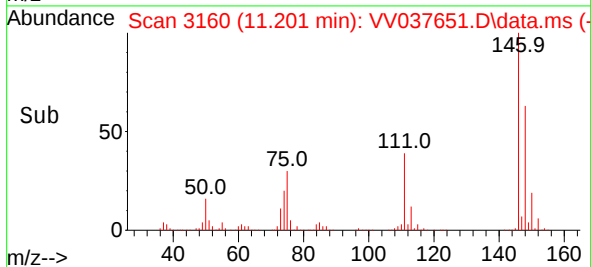
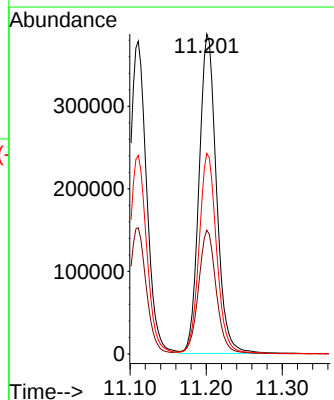
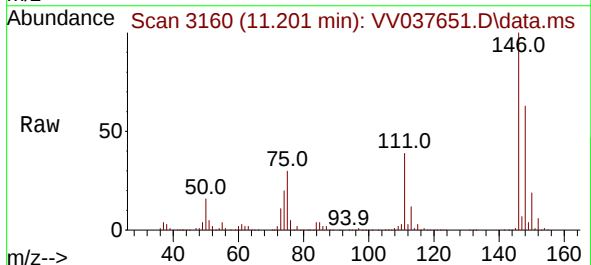
Instrument :
MSVOA_V
ClientSampleId :

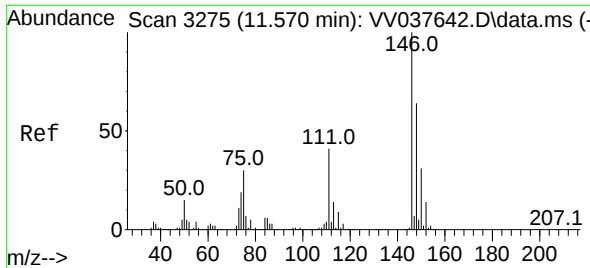
Tgt Ion:146 Resp: 589820
Ion Ratio Lower Upper
146 100
111 40.4 28.3 52.5
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.004 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

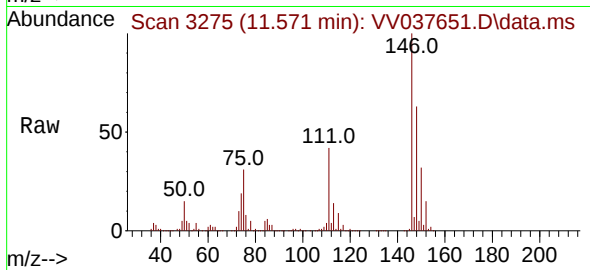
Tgt Ion:146 Resp: 615519
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.4
148 62.6 44.4 82.4



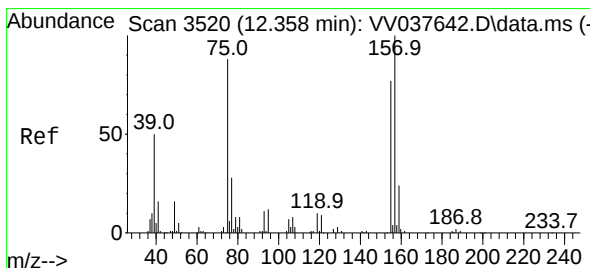
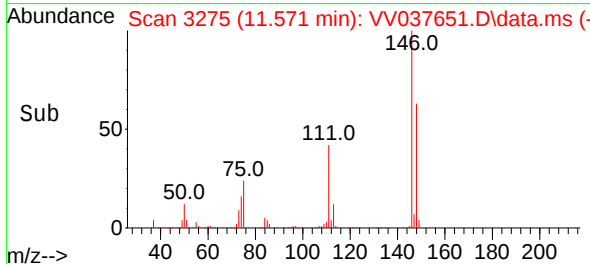
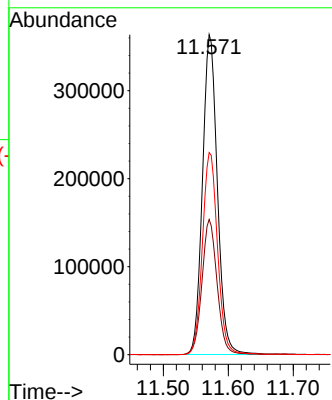


#67
1,2-Dichlorobenzene
Concen: 49.763 ug/L
RT: 11.571 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Instrument :
MSVOA_V
ClientSampleId :

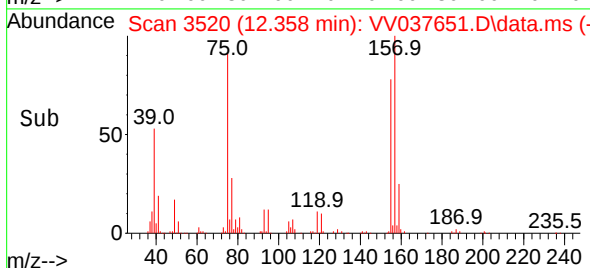
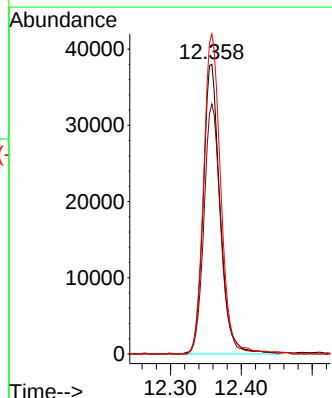
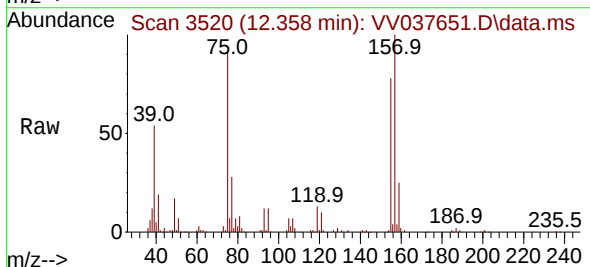


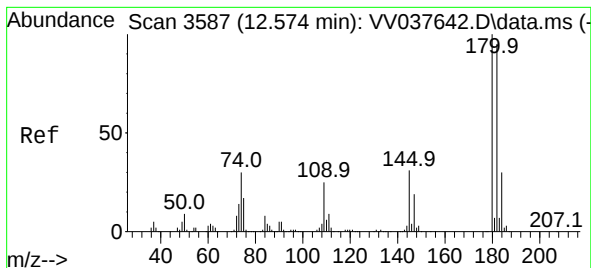
Tgt Ion:146 Resp: 581536
Ion Ratio Lower Upper
146 100
111 42.3 34.2 51.2
148 63.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 47.910 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 75 Resp: 62515
Ion Ratio Lower Upper
75 100
155 86.3 66.2 99.4
157 110.4 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.381 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

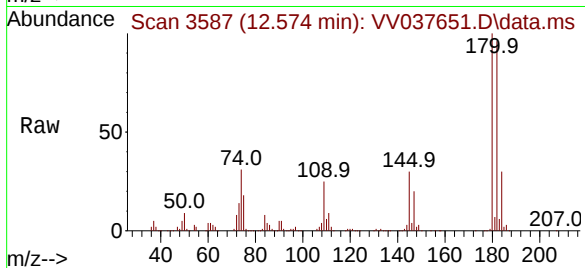
Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 401438

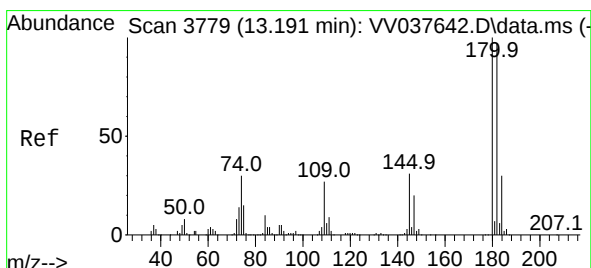
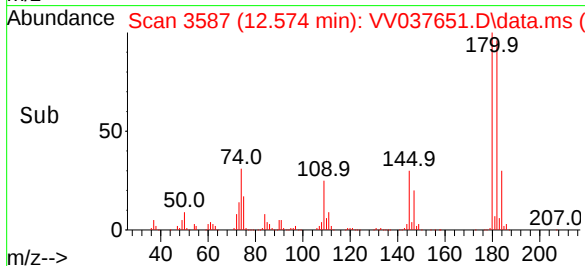
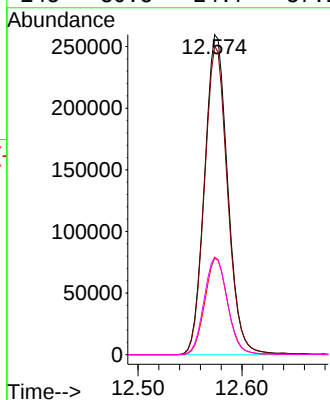
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

184 29.7 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 49.180 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

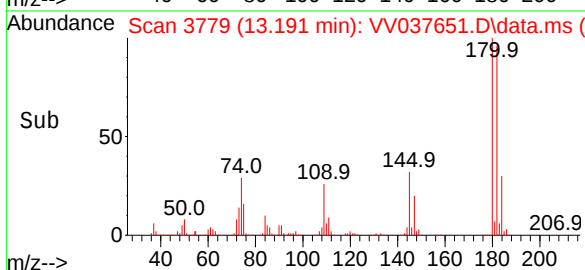
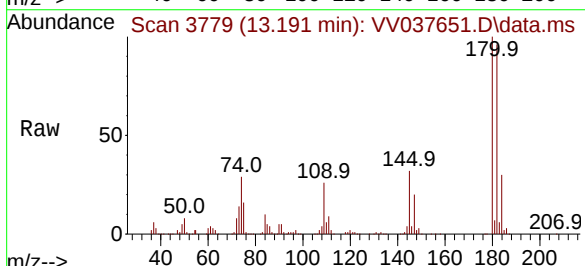
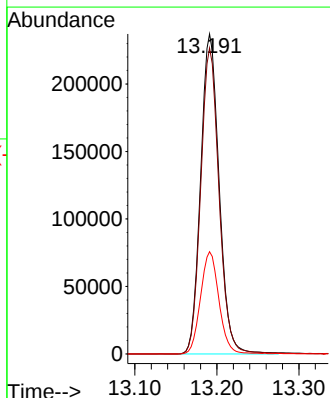
Tgt Ion:180 Resp: 370935

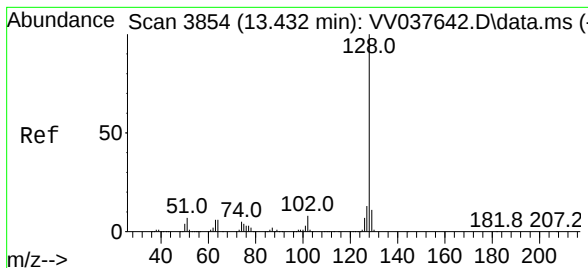
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 49.955 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

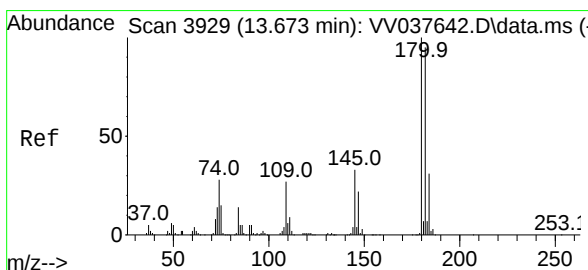
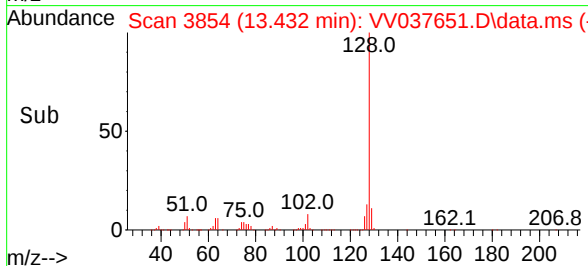
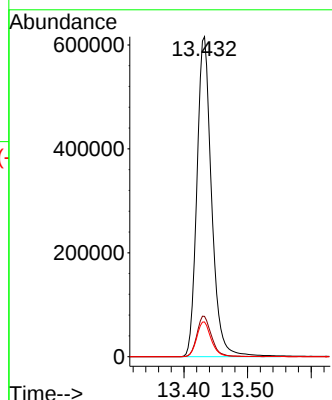
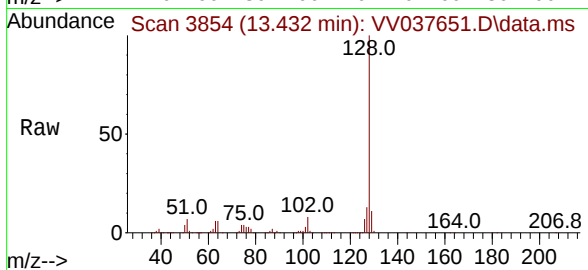
Tgt Ion:128 Resp: 984408

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 49.593 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Tgt Ion:180 Resp: 369386

Ion Ratio Lower Upper

180 100

182 93.6 75.8 113.8

145 34.1 26.2 39.4

