

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037874.D
 Acq On : 16 Oct 2024 11:51
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:58:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	317062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	322006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	176447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	430332	15.562	ug/L	0.00
7) Chloroethane-d5	1.529	69	379104	17.149	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	196748	16.399	ug/L	0.00
20) 2-Butanone-d5	3.793	46	1129260	227.922	ug/L	-0.02
24) Chloroform-d	4.236	84	955363	20.878	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	441087	20.398	ug/L	0.00
32) Benzene-d6	4.947	84	1854118	20.774	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	556541	20.196	ug/L	0.00
41) Toluene-d8	7.233	98	1707347	21.263	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	218127	22.047	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	1049377	250.787	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	440737	20.468	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	622121	20.073	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	619543	20.655	ug/L	100
3) Chloromethane	1.214	50	592370	17.359	ug/L	99
5) Vinyl chloride	1.278	62	612287	18.202	ug/L	100
6) Bromomethane	1.484	94	379862	19.373	ug/L	99
8) Chloroethane	1.545	64	372904	18.031	ug/L	98
9) Trichlorofluoromethane	1.709	101	839298	20.589	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	476085	19.230	ug/L	99
12) 1,1-Dichloroethene	2.063	96	460000	19.266	ug/L	95
13) Acetone	2.143	43	724088	205.777	ug/L	98
14) Carbon disulfide	2.230	76	1578176	20.750	ug/L	99
15) Methyl Acetate	2.381	43	186555	20.484	ug/L	100
16) Methylene chloride	2.439	84	523055	17.450	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	1190667	21.978	ug/L	98
18) trans-1,2-Dichloroethene	2.683	96	519944	21.032	ug/L	97
19) 1,1-Dichloroethane	3.101	63	926298	19.115	ug/L	99
21) 2-Butanone	3.876	43	1179030	209.363	ug/L	96
22) cis-1,2-Dichloroethene	3.802	96	576040	22.576	ug/L	97
23) Bromochloromethane	4.137	128	249236	21.536	ug/L	96
25) Chloroform	4.262	83	965243	20.165	ug/L	99
27) 1,2-Dichloroethane	5.031	62	555902	19.915	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	836132	20.847	ug/L	98
30) Cyclohexane	4.571	56	768492	20.592	ug/L	100
31) Carbon tetrachloride	4.722	117	725713	21.024	ug/L	100
33) Benzene	4.998	78	2075452	20.762	ug/L	100
34) Trichloroethene	5.822	95	560322	21.279	ug/L	99
35) Methylcyclohexane	6.040	83	862089	22.093	ug/L	96
37) 1,2-Dichloropropane	6.082	63	530668	20.446	ug/L	100
38) Bromodichloromethane	6.423	83	674728	21.037	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	836911	23.913	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	2903898	211.559	ug/L	99
42) Toluene	7.307	91	2222241	21.456	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	673609	23.656	ug/L	100

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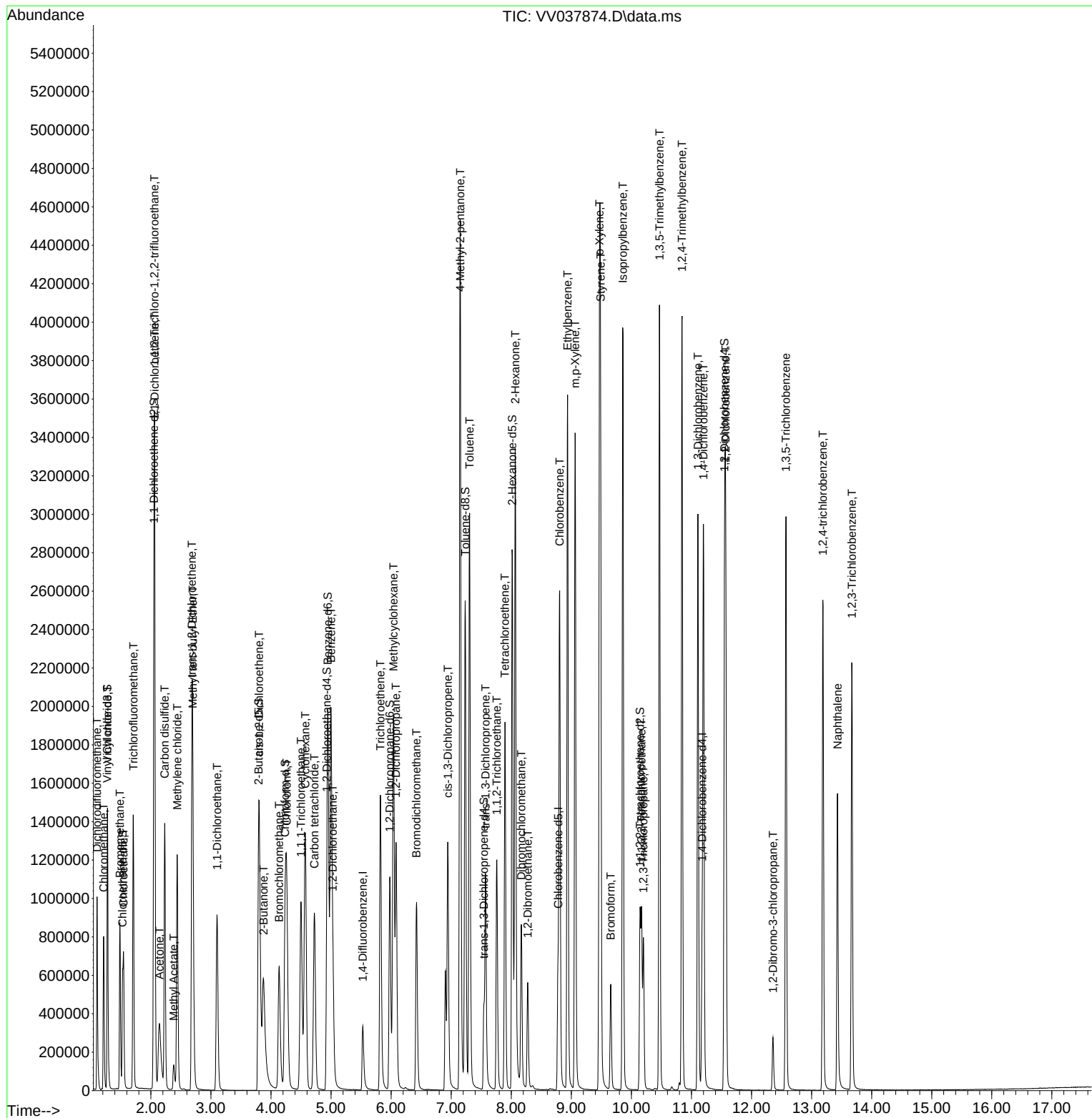
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	388869	21.147	ug/L	98
47) Tetrachloroethene	7.895	164	424595	20.379	ug/L	99
48) 2-Hexanone	8.066	43	2032345	200.915	ug/L	98
49) Dibromochloromethane	8.169	129	443153	22.813	ug/L	97
50) 1,2-Dibromoethane	8.275	107	370878	21.309	ug/L	96
51) Chlorobenzene	8.805	112	1450450	21.260	ug/L	100
52) Ethylbenzene	8.937	91	2511706	22.493	ug/L	99
53) m,p-Xylene	9.063	106	963369	23.266	ug/L	99
54) o-Xylene	9.468	106	934248	23.414	ug/L	99
55) Styrene	9.487	104	1619048	24.006	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	454194	20.220	ug/L	98
59) Bromoform	9.657	173	244253	22.919	ug/L	97
60) Isopropylbenzene	9.857	105	2517101	22.440	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	313920	18.192	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2100465	23.207	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	2120013	23.742	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	1191778	20.976	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	1192997	20.035	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	1084810	20.590	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	71910	20.762	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	878855	20.659	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	761462	21.256	ug/L	98
71) Naphthalene	13.432	128	1239251	23.226	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	660708	20.935	ug/L	100

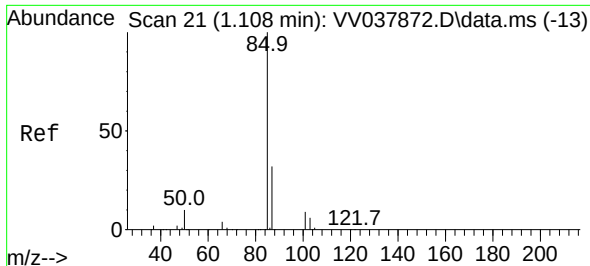
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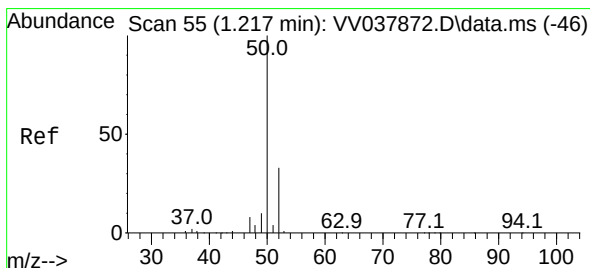
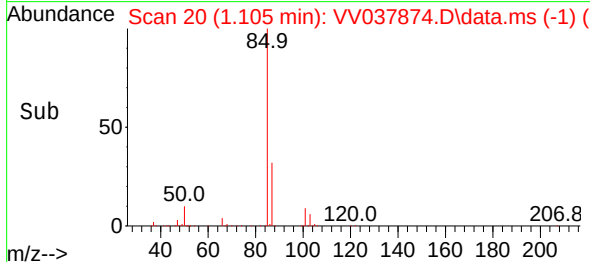
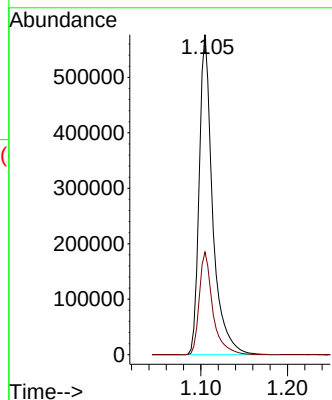
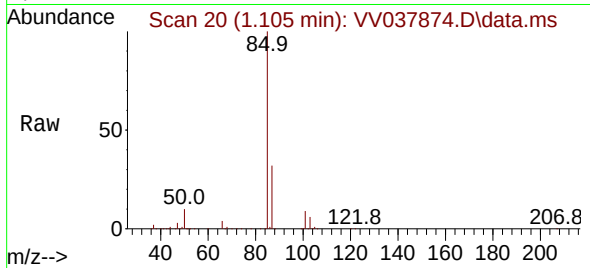




#2
Dichlorodifluoromethane
Concen: 20.655 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

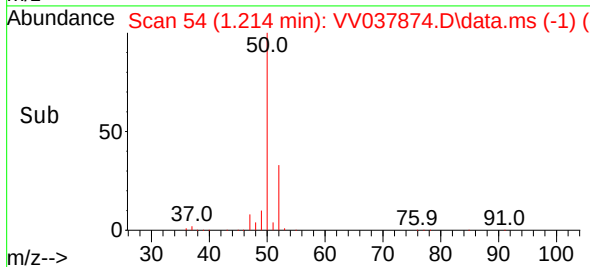
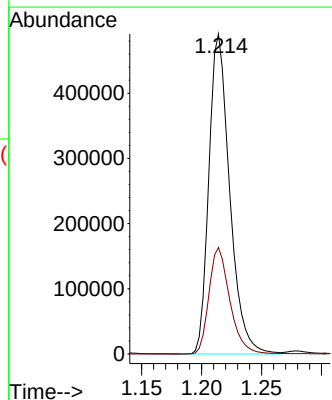
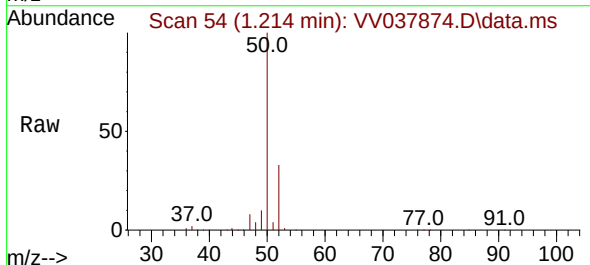
Instrument :
MSVOA_V
ClientSampleId :

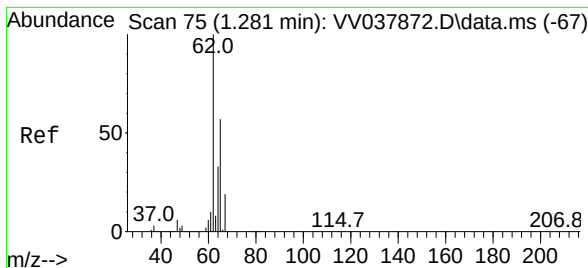
Tgt Ion: 85 Resp: 619543
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 17.359 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 50 Resp: 592370
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.3





#5

Vinyl chloride

Concen: 18.202 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

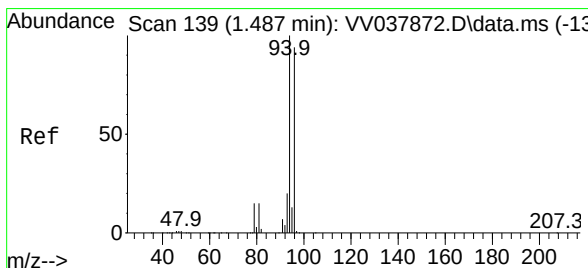
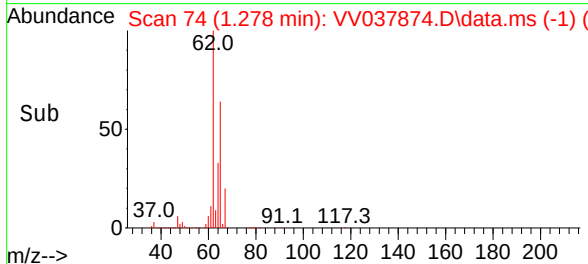
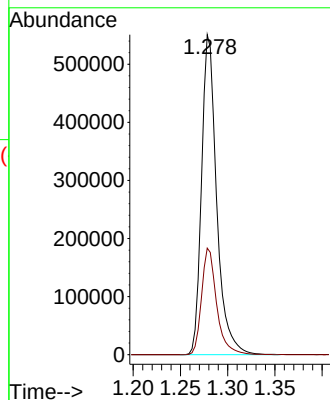
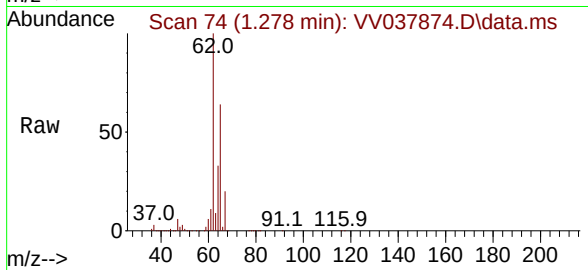
ClientSampleId :

Tgt Ion: 62 Resp: 612287

Ion Ratio Lower Upper

62 100

64 33.3 23.4 43.6



#6

Bromomethane

Concen: 19.373 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV037874.D

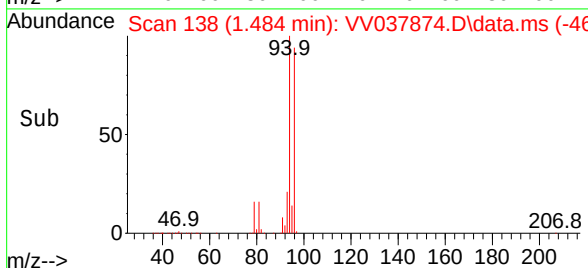
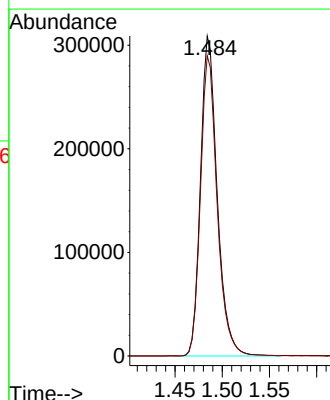
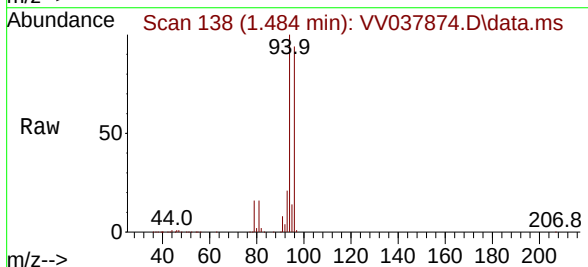
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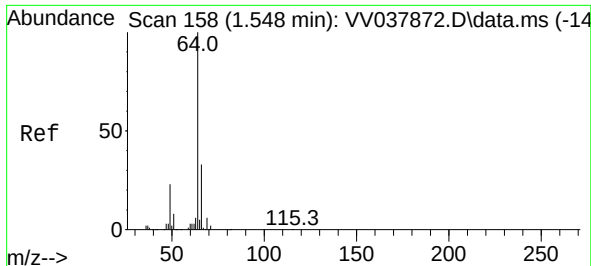
Tgt Ion: 94 Resp: 379862

Ion Ratio Lower Upper

94 100

96 93.8 66.1 122.7





#8

Chloroethane

Concen: 18.031 ug/L

RT: 1.545 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

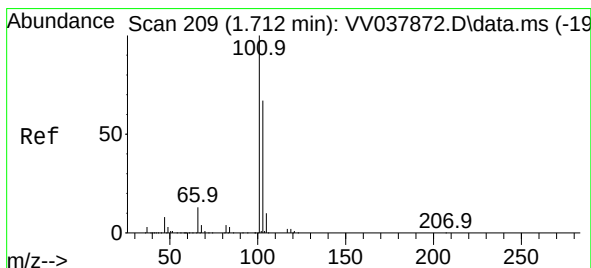
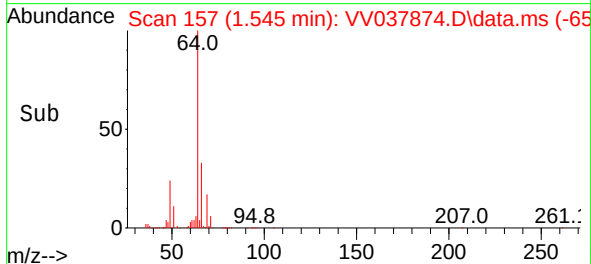
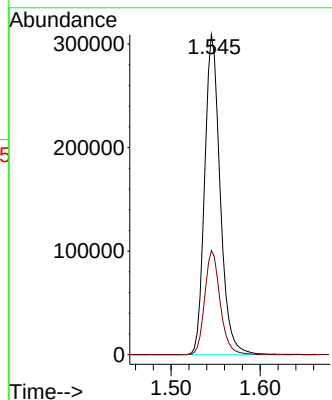
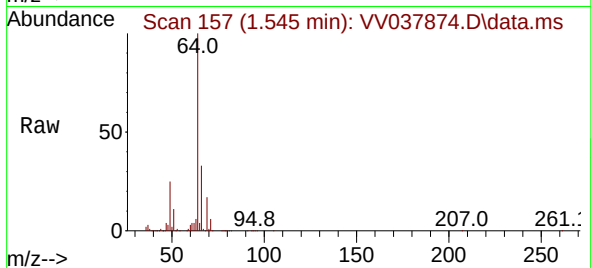
ClientSampleId :

Tgt Ion: 64 Resp: 372904

Ion Ratio Lower Upper

64 100

66 32.6 23.5 43.7



#9

Trichlorofluoromethane

Concen: 20.589 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.003 min

Lab File: VV037874.D

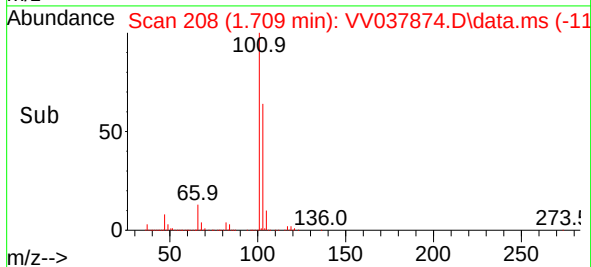
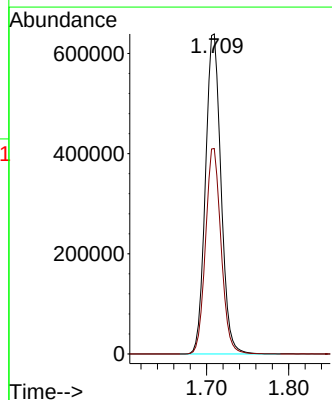
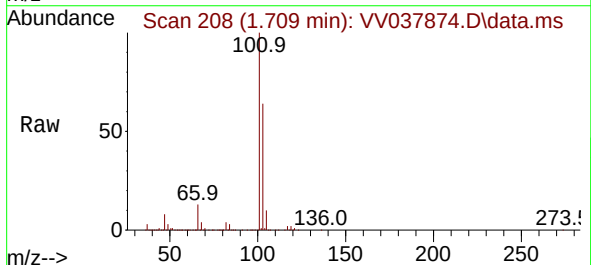
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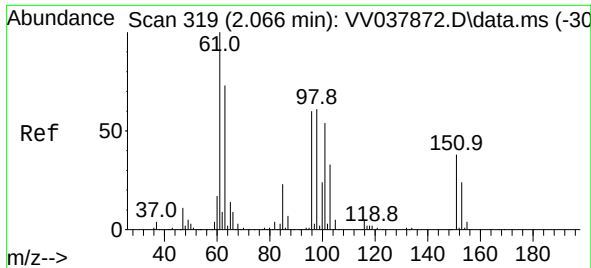
Tgt Ion:101 Resp: 839298

Ion Ratio Lower Upper

101 100

103 64.3 52.2 78.2

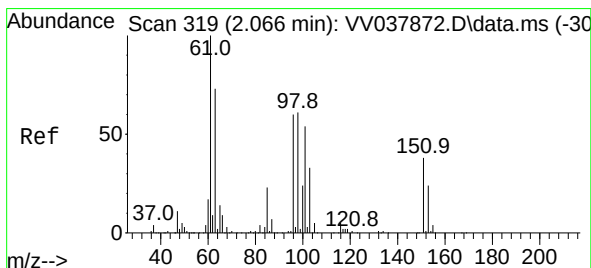
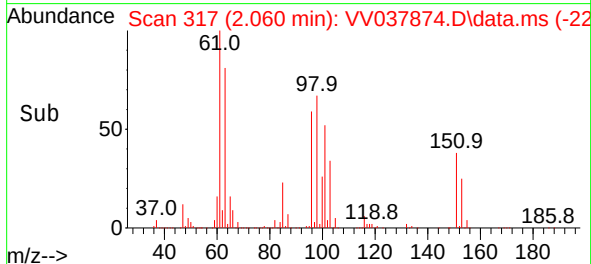
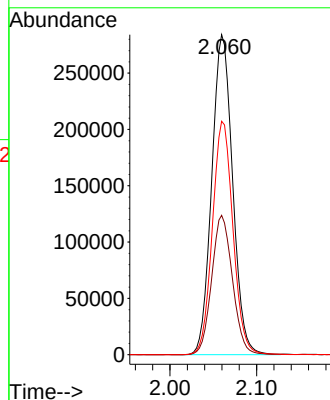
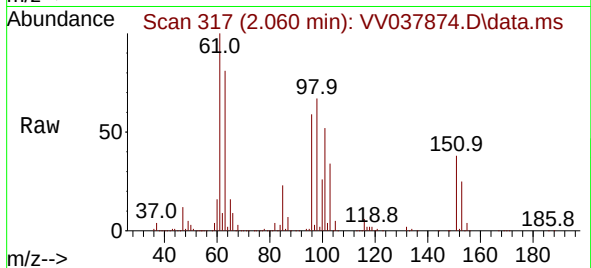




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.230 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037874.D
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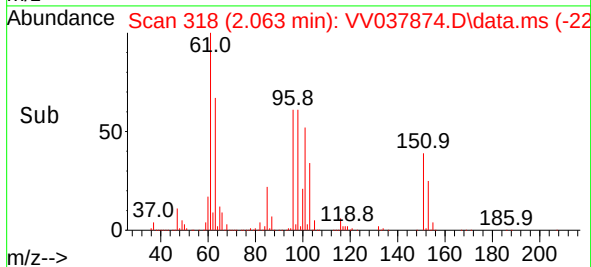
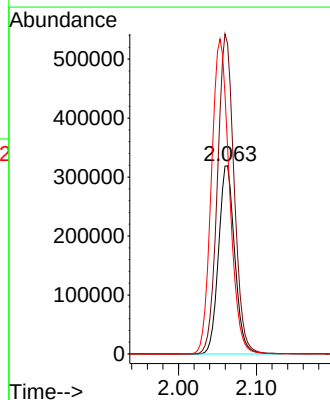
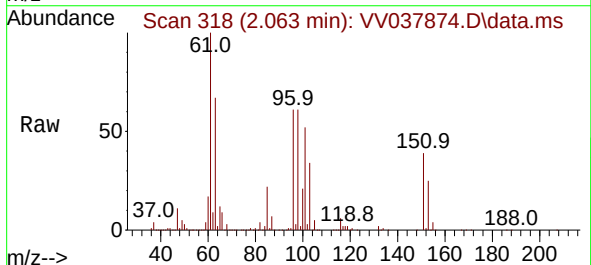
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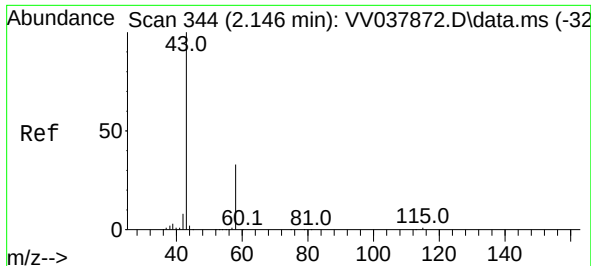
Tgt Ion:101 Resp: 476085
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.6 50.4
 151 72.0 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 19.266 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037874.D
 Acq: 16 Oct 2024 11:51

Tgt Ion: 96 Resp: 460000
 Ion Ratio Lower Upper
 96 100
 61 165.0 116.3 215.9
 63 110.1 84.9 157.7

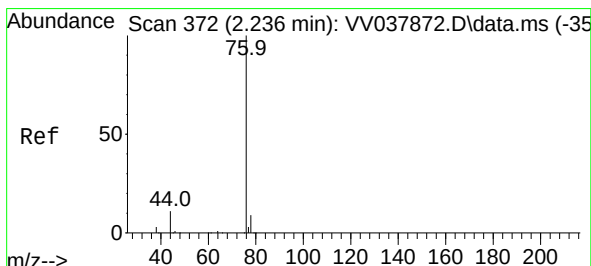
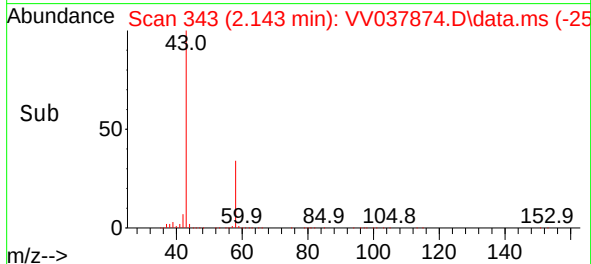
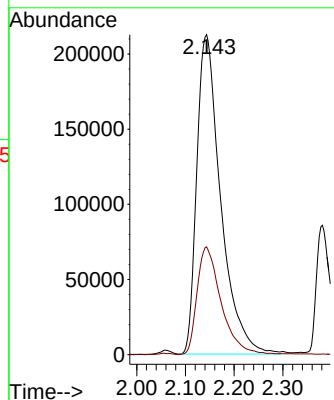
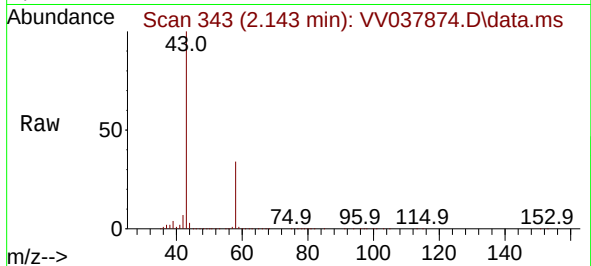




#13
Acetone
Concen: 205.777 ug/L
RT: 2.143 min Scan# 344
Delta R.T. -0.003 min
Lab File: VV037874.D
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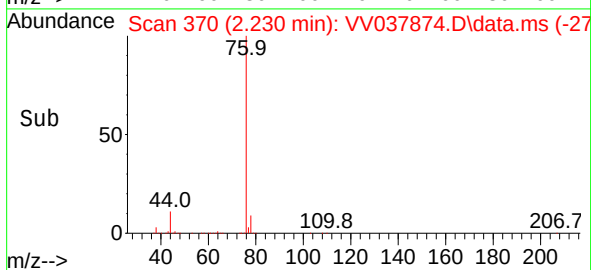
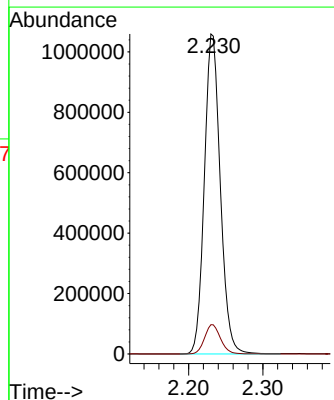
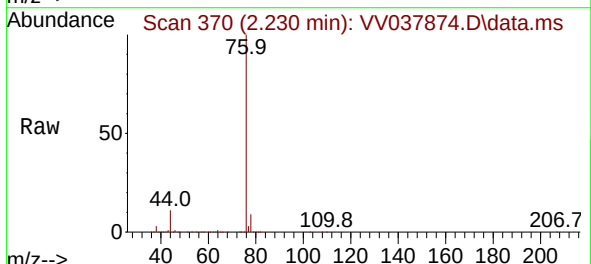
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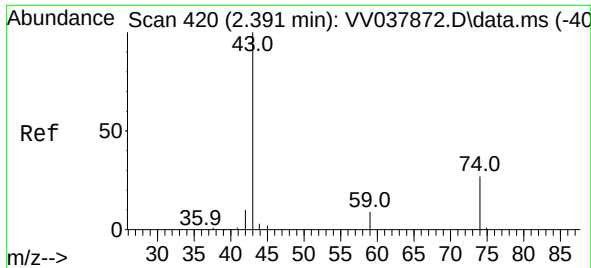
Tgt Ion: 43 Resp: 724088
Ion Ratio Lower Upper
43 100
58 33.8 0.0 70.6



#14
Carbon disulfide
Concen: 20.750 ug/L
RT: 2.230 min Scan# 370
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 76 Resp: 1578176
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

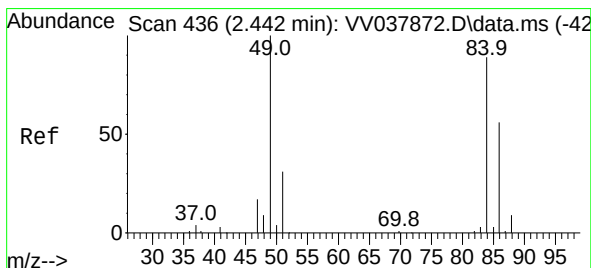
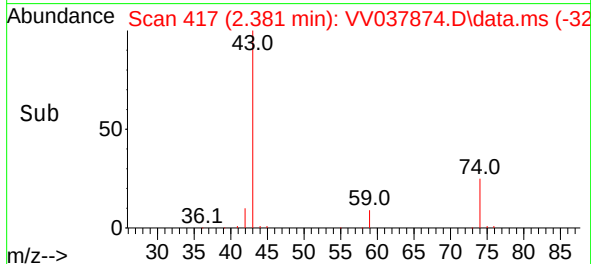
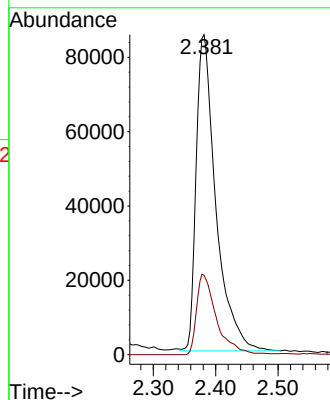
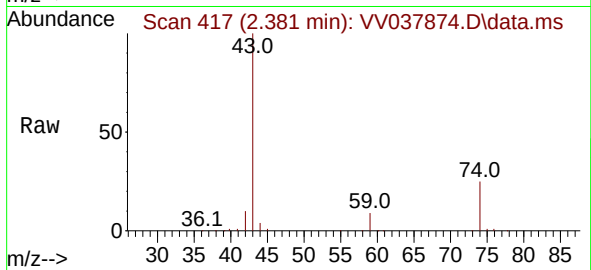




#15
Methyl Acetate
Concen: 20.484 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

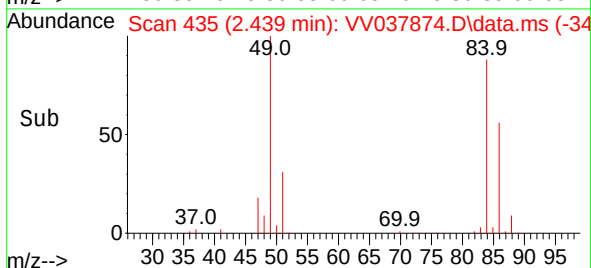
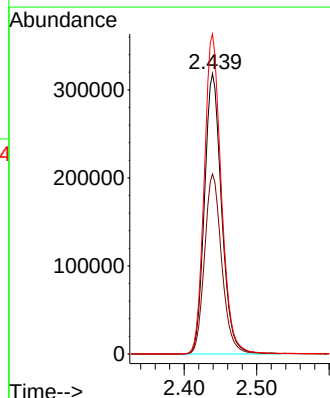
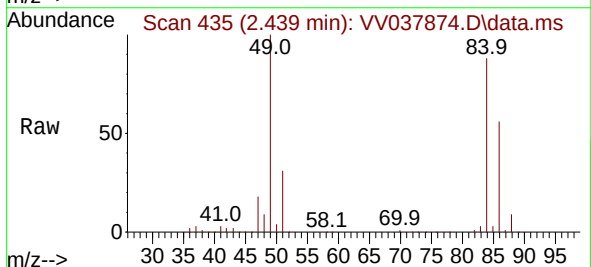
Instrument :
MSVOA_V
ClientSampleId :

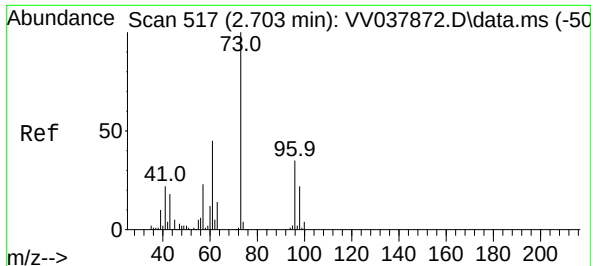
Tgt Ion: 43 Resp: 186555
Ion Ratio Lower Upper
43 100
74 25.4 20.4 30.6



#16
Methylene chloride
Concen: 17.450 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

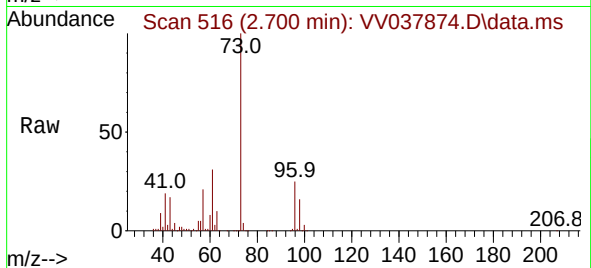
Tgt Ion: 84 Resp: 523055
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.6
49 114.2 78.8 146.4



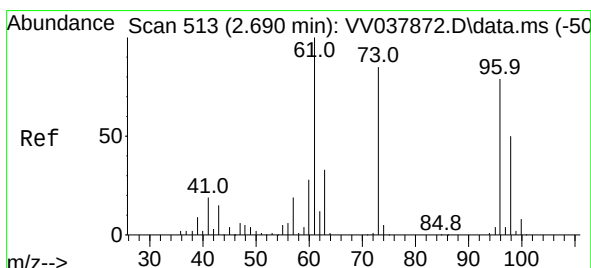
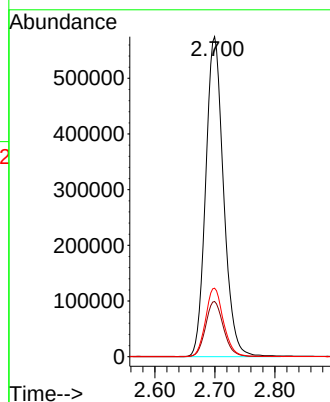
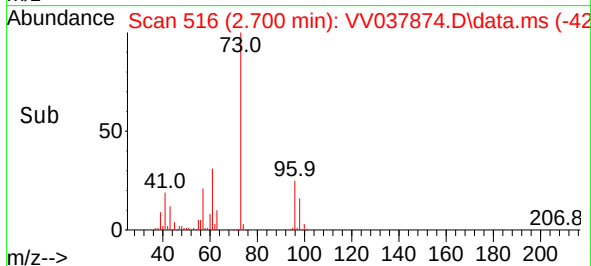


#17
Methyl tert-butyl Ether
Concen: 21.978 ug/L
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Instrument :
MSVOA_V
ClientSampleId :

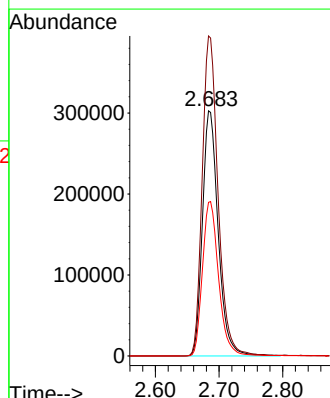
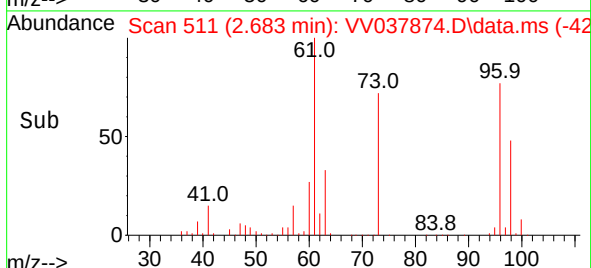
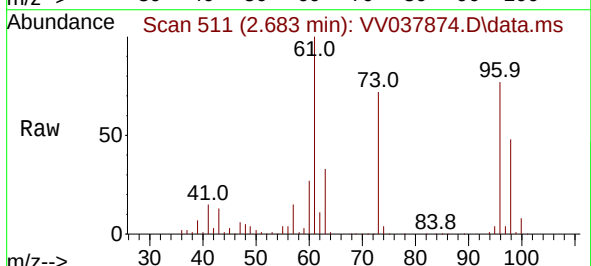


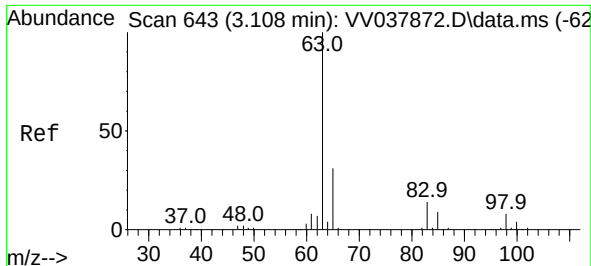
Tgt Ion: 73 Resp: 1190667
Ion Ratio Lower Upper
73 100
43 17.2 14.2 21.2
57 21.5 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 21.032 ug/L
RT: 2.683 min Scan# 511
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

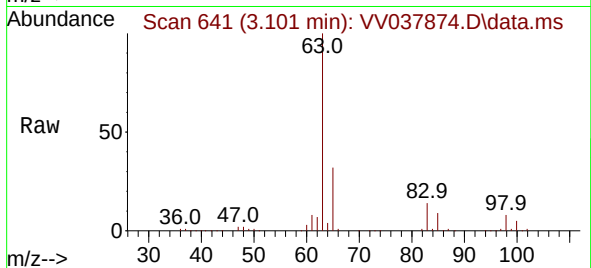
Tgt Ion: 96 Resp: 519944
Ion Ratio Lower Upper
96 100
61 130.6 88.4 164.2
98 62.7 44.6 82.8



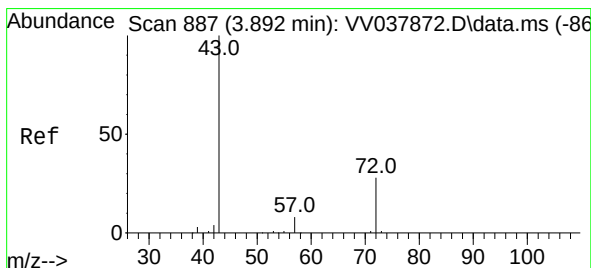
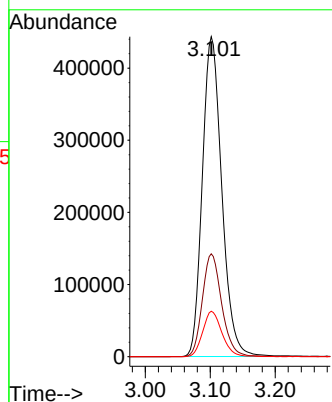
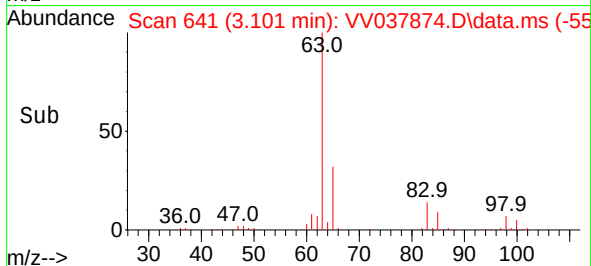


#19
1,1-Dichloroethane
Concen: 19.115 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Instrument :
MSVOA_V
ClientSampleId :

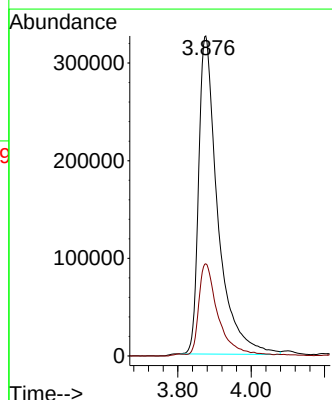
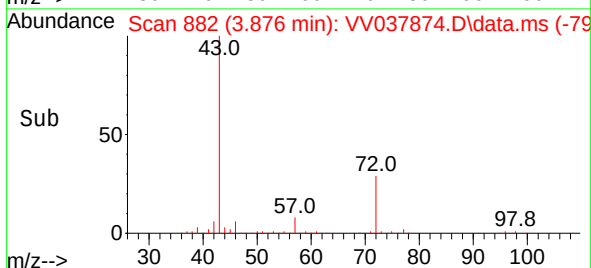
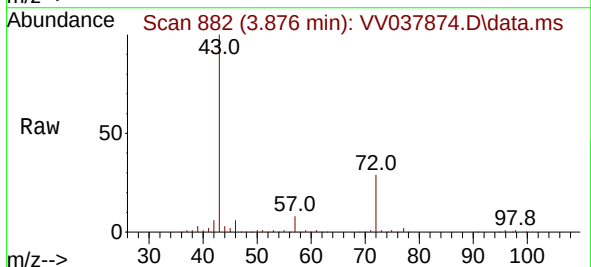


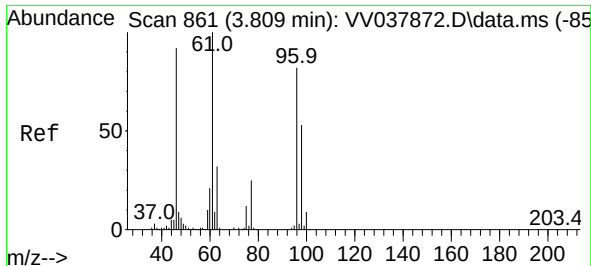
Tgt Ion: 63 Resp: 926298
Ion Ratio Lower Upper
63 100
65 32.1 21.8 40.4
83 14.2 9.9 18.3



#21
2-Butanone
Concen: 209.363 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.016 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

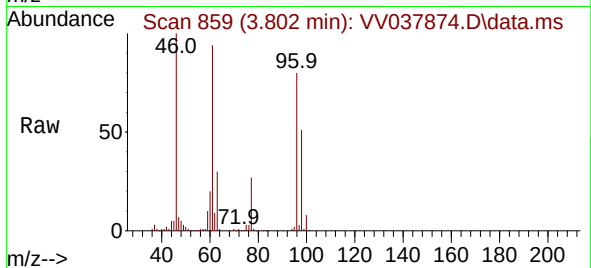
Tgt Ion: 43 Resp: 1179030
Ion Ratio Lower Upper
43 100
72 27.7 13.0 38.9



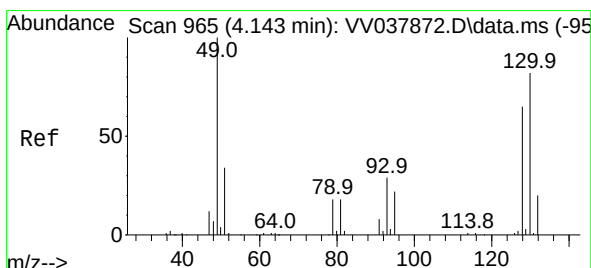
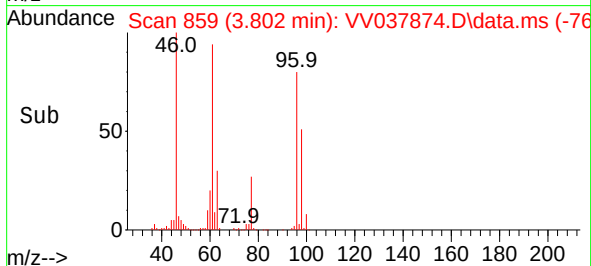
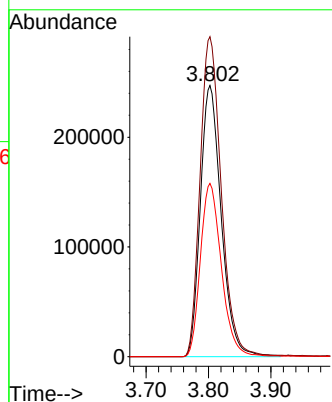


#22
cis-1,2-Dichloroethene
Concen: 22.576 ug/L
RT: 3.802 min Scan# 861
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Instrument :
MSVOA_V
ClientSampleId :

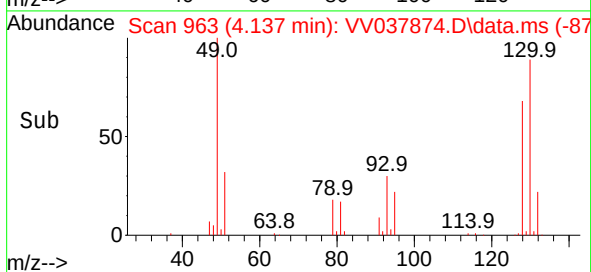
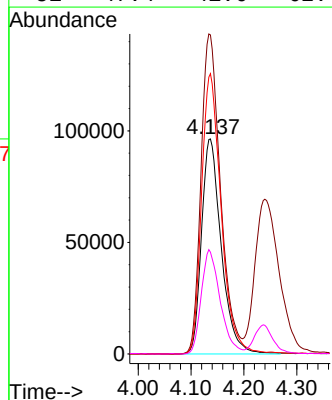
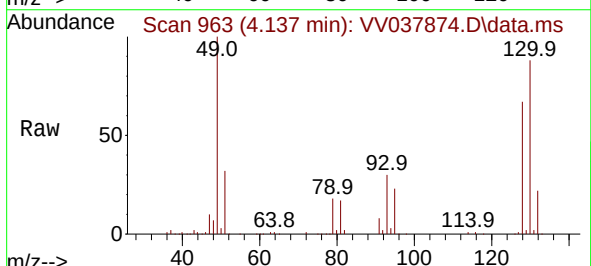


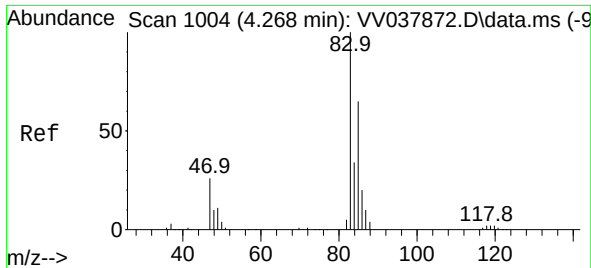
Tgt Ion: 96 Resp: 576040
Ion Ratio Lower Upper
96 100
61 118.0 85.5 158.9
98 63.9 45.5 84.5



#23
Bromochloromethane
Concen: 21.536 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion:128 Resp: 249236
Ion Ratio Lower Upper
128 100
49 148.4 107.0 198.6
130 130.4 88.0 163.4
51 47.4 41.6 62.4

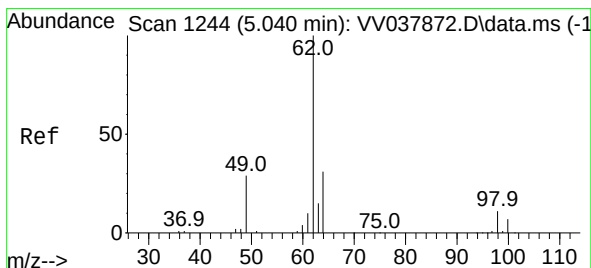
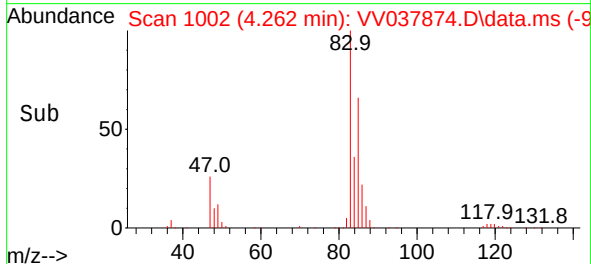
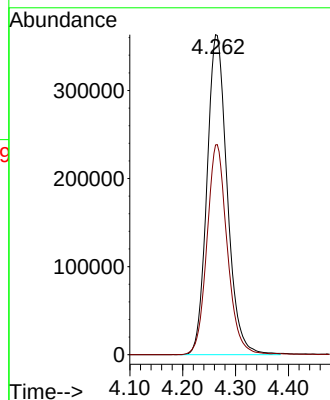
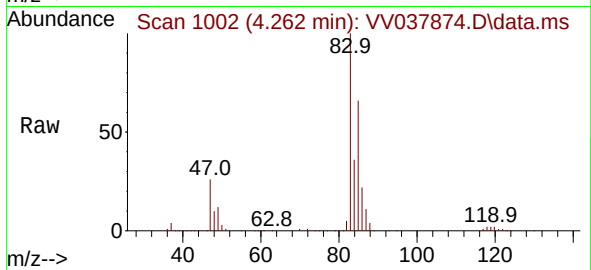




#25
Chloroform
Concen: 20.165 ug/L
RT: 4.262 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

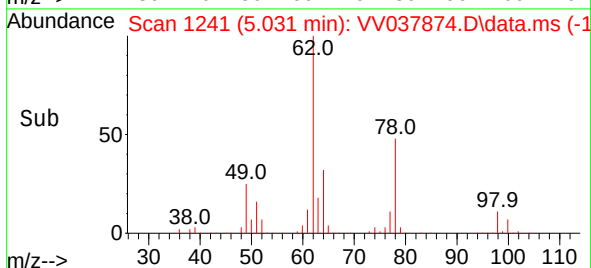
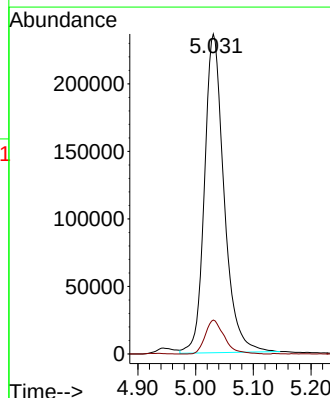
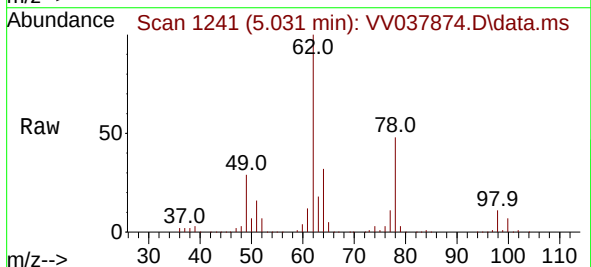
Instrument :
MSVOA_V
ClientSampleId :

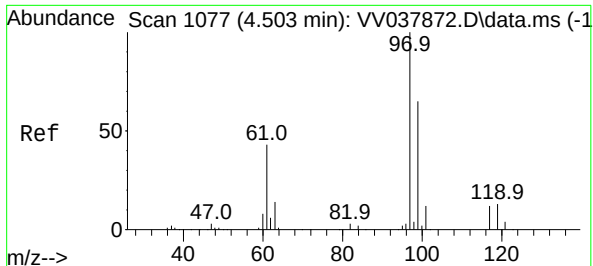
Tgt Ion: 83 Resp: 965243
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1



#27
1,2-Dichloroethane
Concen: 19.915 ug/L
RT: 5.031 min Scan# 1241
Delta R.T. -0.010 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 62 Resp: 555902
Ion Ratio Lower Upper
62 100
98 10.6 8.8 13.2

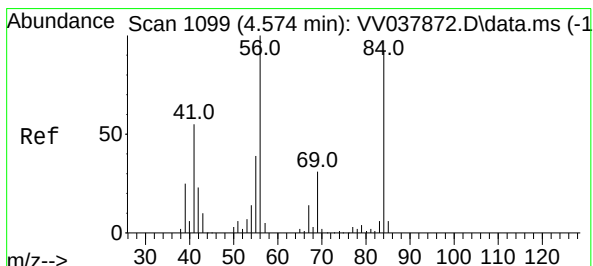
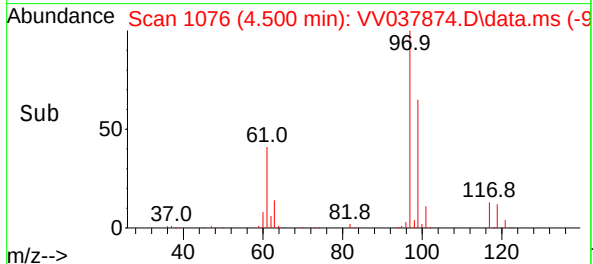
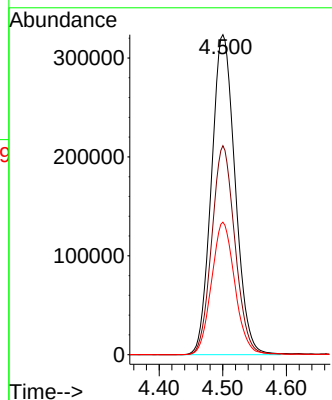
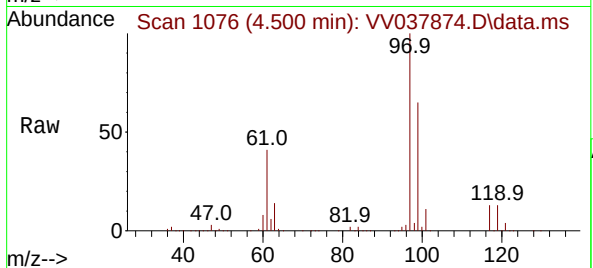




#29
1,1,1-Trichloroethane
Concen: 20.847 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

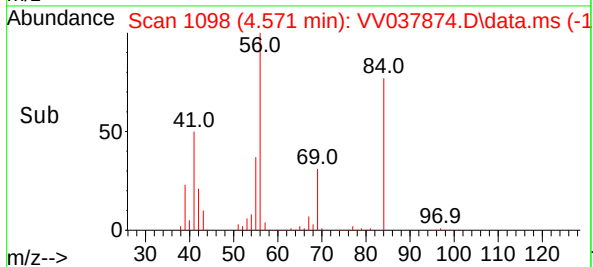
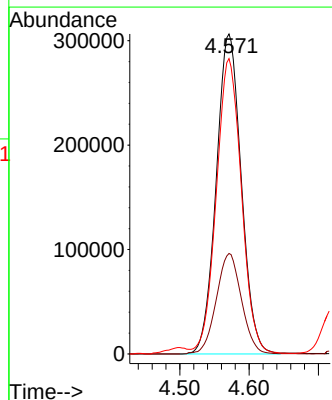
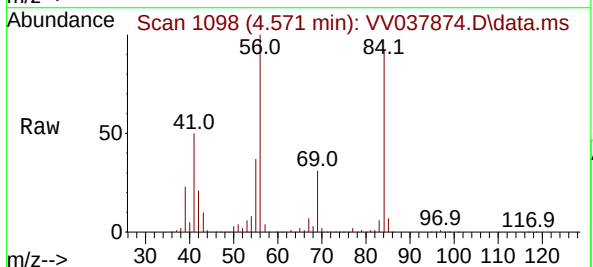
Instrument :
MSVOA_V
ClientSampleId :

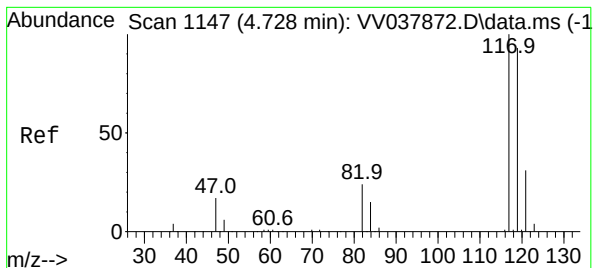
Tgt Ion: 97 Resp: 836132
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 40.8 33.9 50.9



#30
Cyclohexane
Concen: 20.592 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 56 Resp: 768492
Ion Ratio Lower Upper
56 100
69 31.5 25.3 37.9
84 93.0 73.9 110.9





#31

Carbon tetrachloride

Concen: 21.024 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

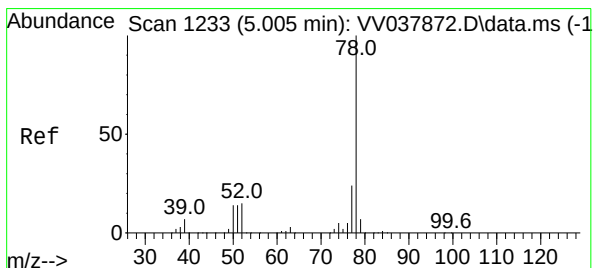
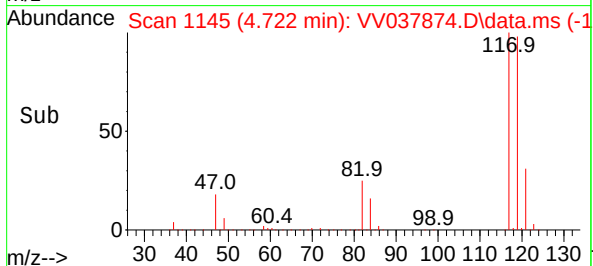
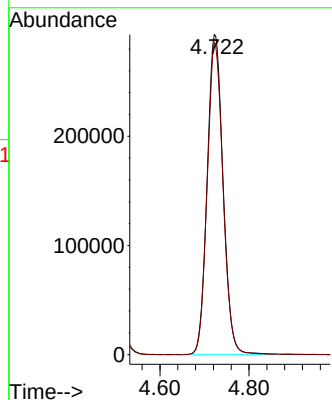
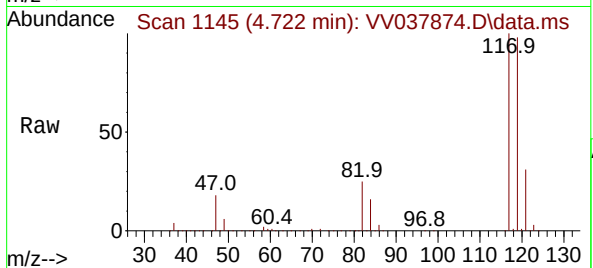
ClientSampleId :

Tgt Ion:117 Resp: 725713

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0



#33

Benzene

Concen: 20.762 ug/L

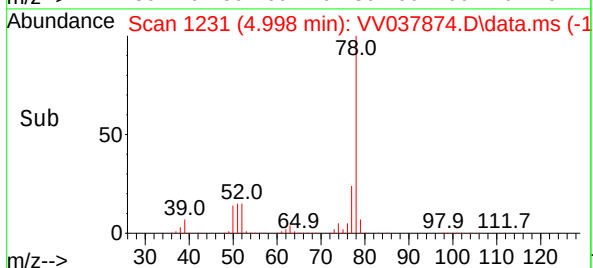
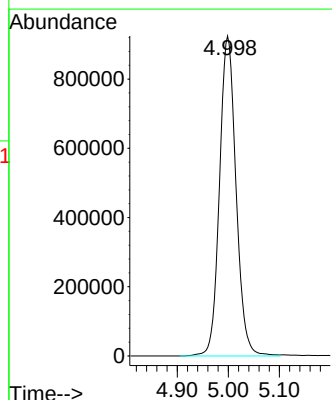
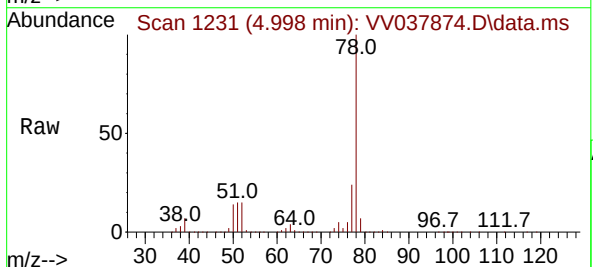
RT: 4.998 min Scan# 1231

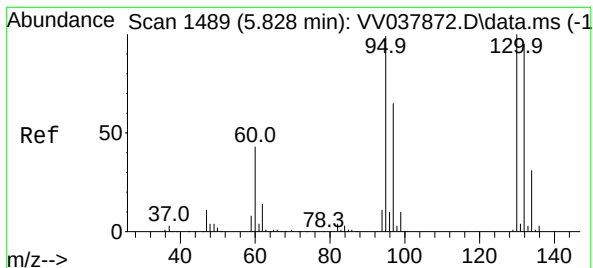
Delta R.T. -0.006 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Tgt Ion: 78 Resp: 2075452





#34

Trichloroethene

Concen: 21.279 ug/L

RT: 5.822 min Scan# 1489

Delta R.T. -0.006 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 560322

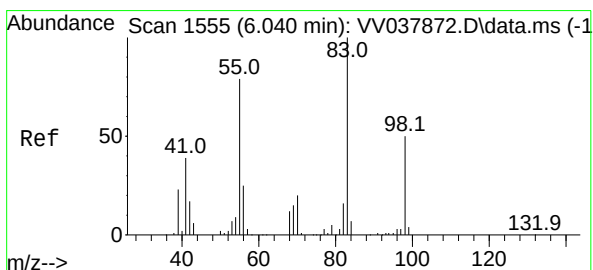
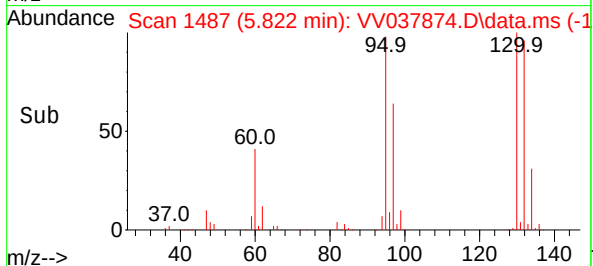
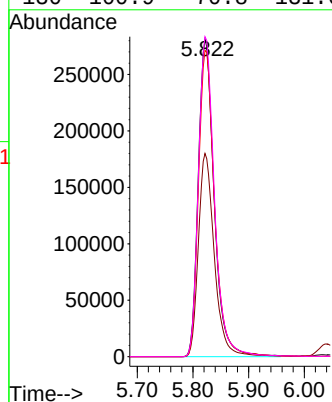
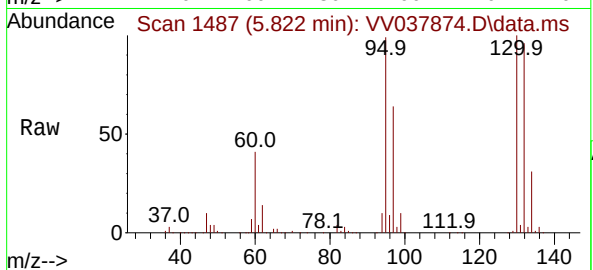
Ion Ratio Lower Upper

95 100

97 64.1 46.1 85.5

132 96.6 67.3 124.9

130 100.9 70.8 131.6



#35

Methylcyclohexane

Concen: 22.093 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

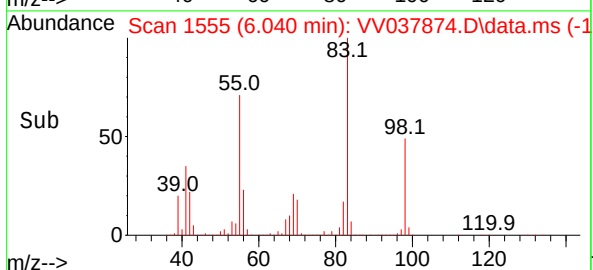
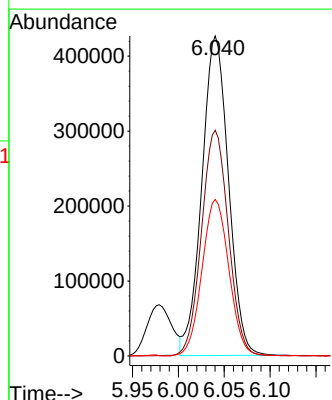
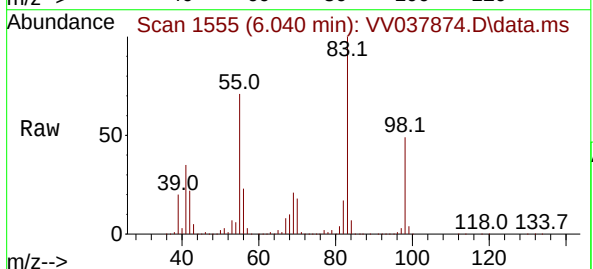
Tgt Ion: 83 Resp: 862089

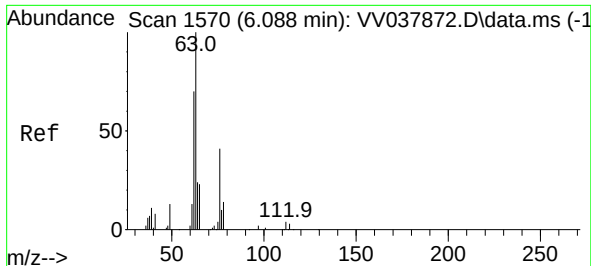
Ion Ratio Lower Upper

83 100

55 71.5 59.7 89.5

98 49.7 37.8 56.6

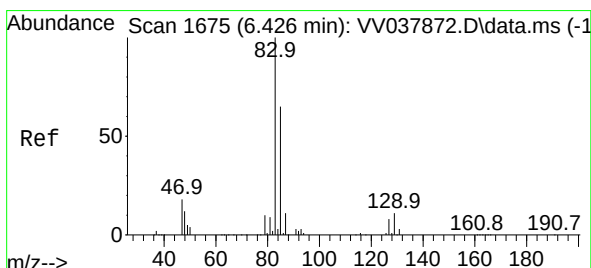
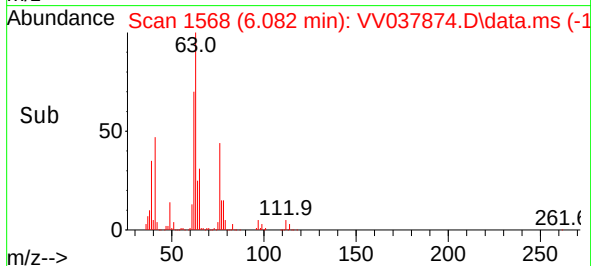
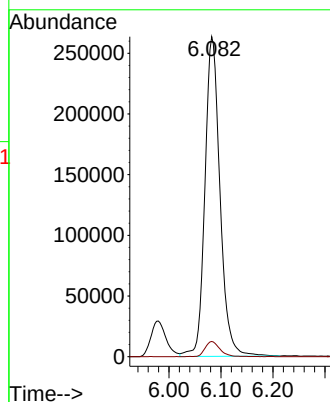
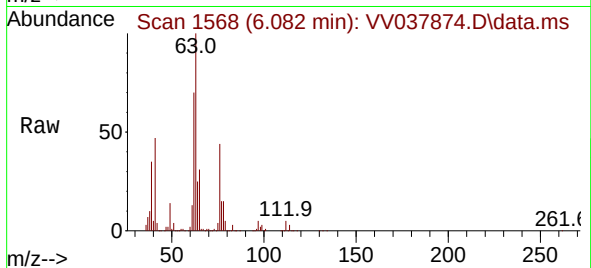




#37
1,2-Dichloropropane
Concen: 20.446 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

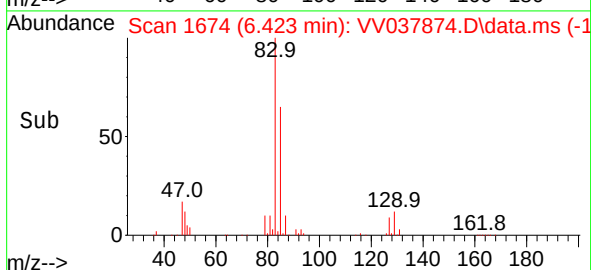
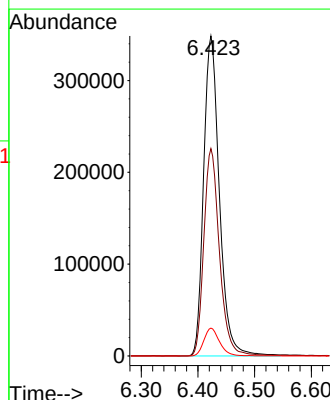
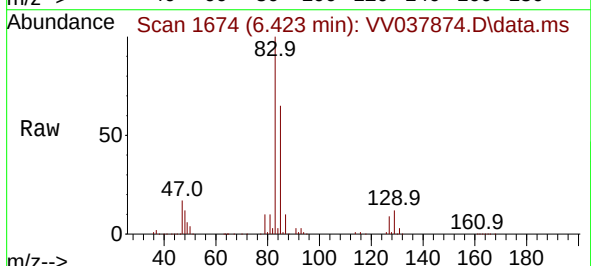
Instrument :
MSVOA_V
ClientSampleId :

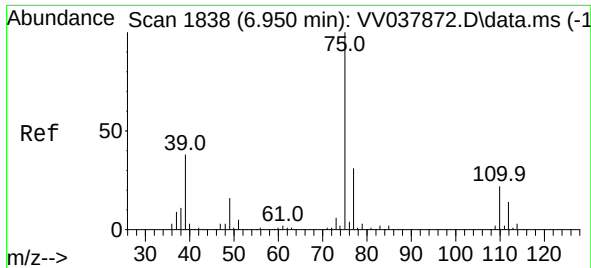
Tgt Ion: 63 Resp: 530668
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 21.037 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 83 Resp: 674728
Ion Ratio Lower Upper
83 100
85 64.8 45.3 84.1
127 8.7 6.6 10.0

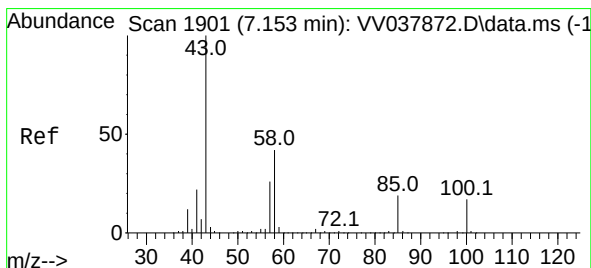
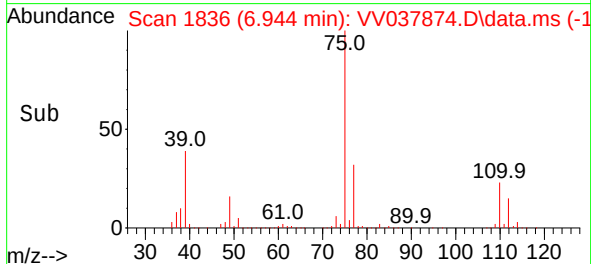
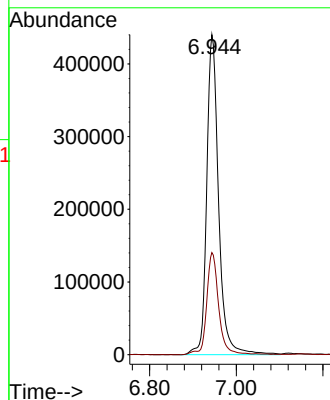
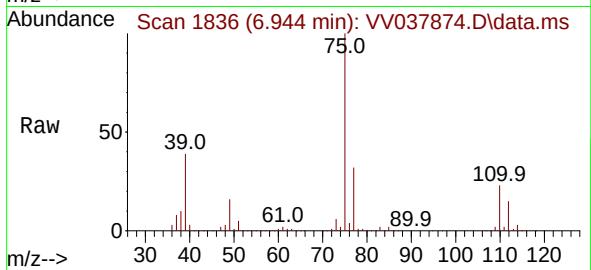




#39
cis-1,3-Dichloropropene
Concen: 23.913 ug/L
RT: 6.944 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

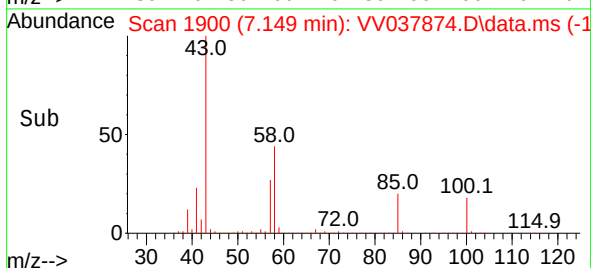
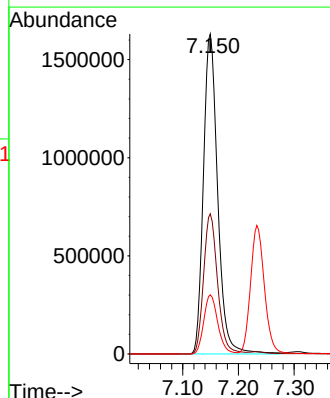
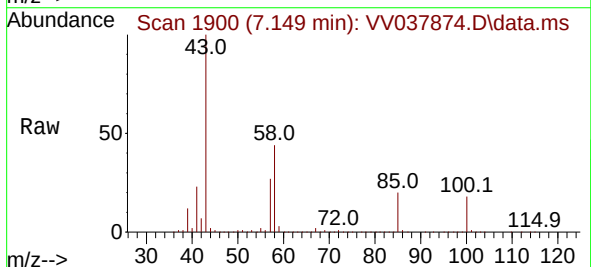
Instrument :
MSVOA_V
ClientSampleId :

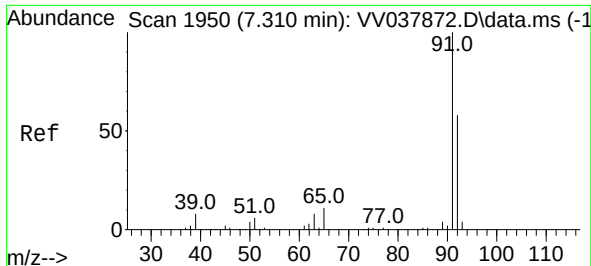
Tgt Ion: 75 Resp: 836911
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 211.559 ug/L
RT: 7.149 min Scan# 1900
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 43 Resp: 2903898
Ion Ratio Lower Upper
43 100
58 43.0 34.3 51.5
100 18.2 13.3 19.9





#42

Toluene

Concen: 21.456 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

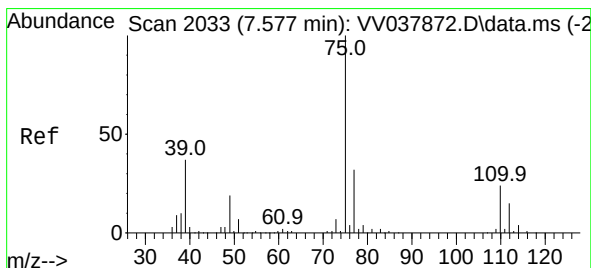
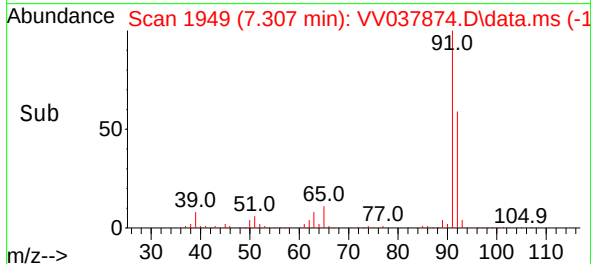
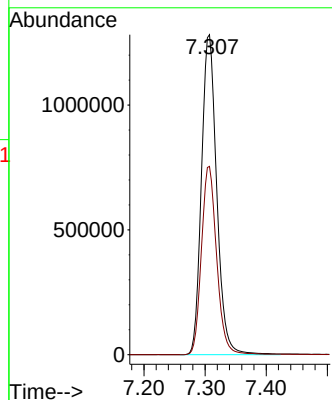
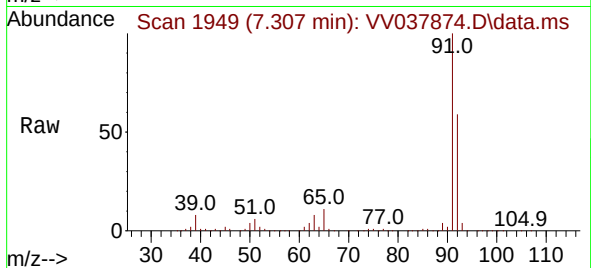
ClientSampleId :

Tgt Ion: 91 Resp: 2222241

Ion Ratio Lower Upper

91 100

92 58.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 23.656 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VV037874.D

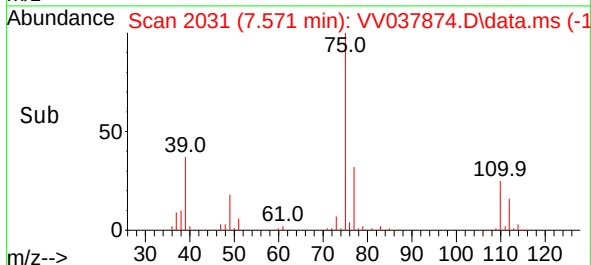
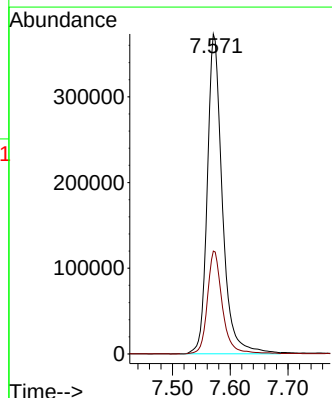
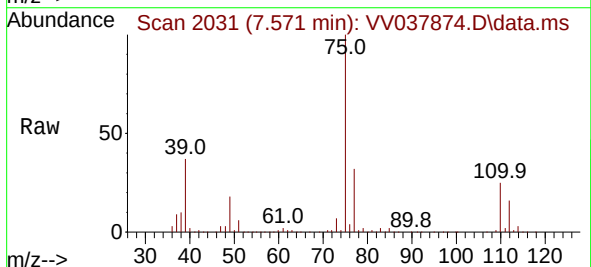
Acq: 16 Oct 2024 11:51

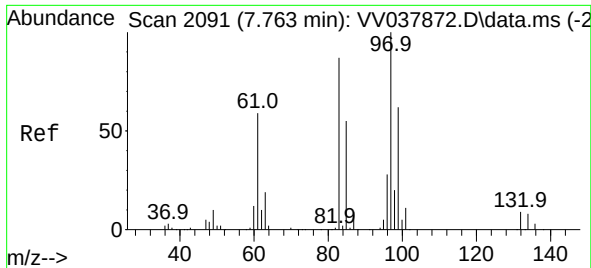
Tgt Ion: 75 Resp: 673609

Ion Ratio Lower Upper

75 100

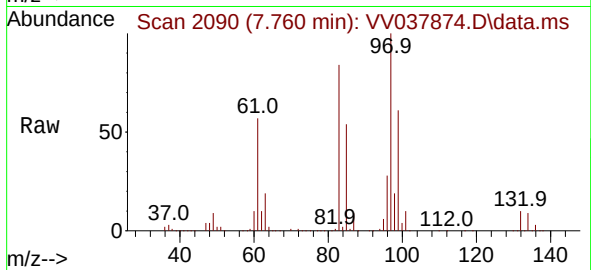
77 32.2 22.4 41.6



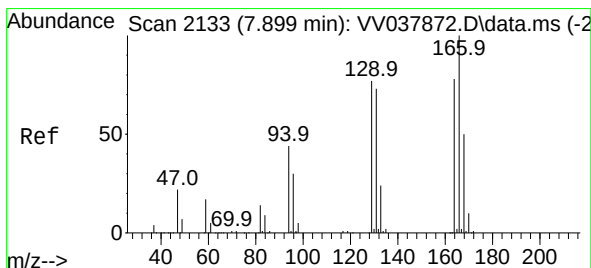
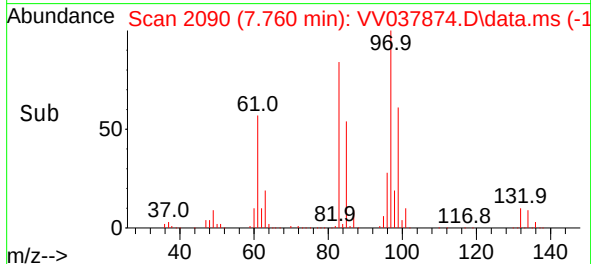
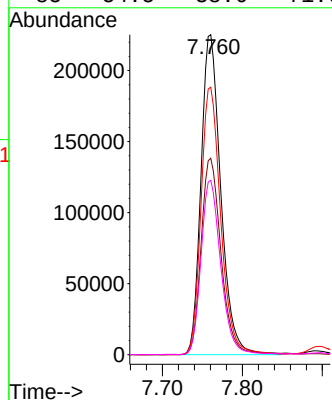


#45
1,1,2-Trichloroethane
Concen: 21.147 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Instrument :
MSVOA_V
ClientSampleId :

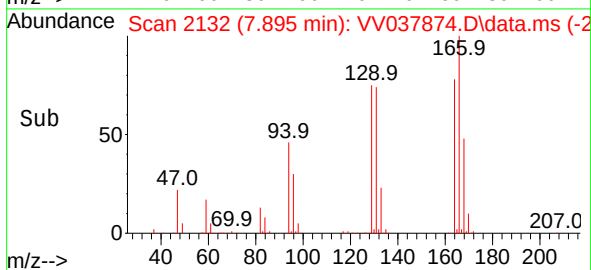
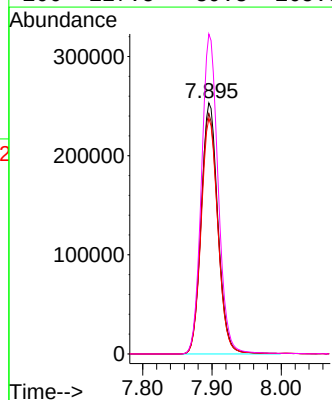
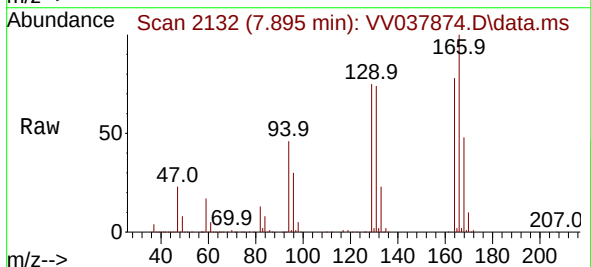


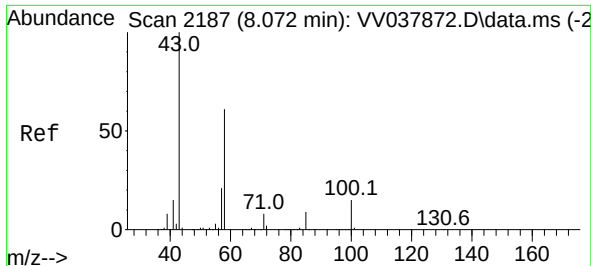
Tgt Ion:	97	Resp:	388869
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.5	80.7
83	83.6	61.0	113.2
85	54.5	38.6	71.6



#47
Tetrachloroethene
Concen: 20.379 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

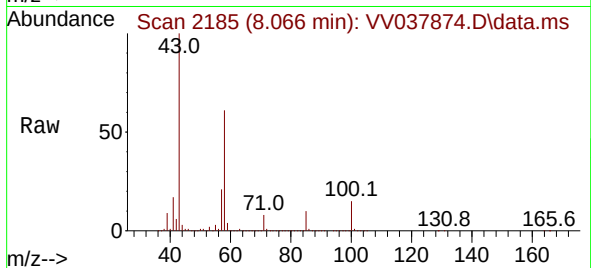
Tgt Ion:	164	Resp:	424595
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.7	127.7
131	93.7	65.0	120.8
166	127.5	89.3	165.9



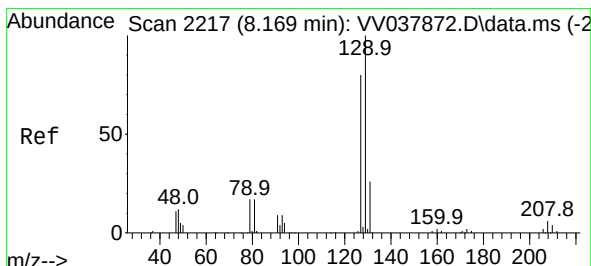
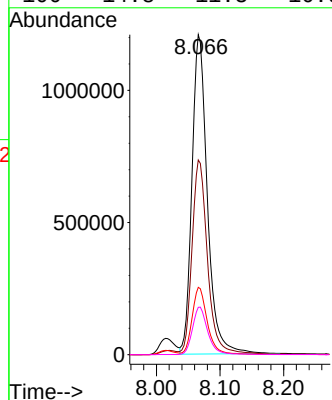
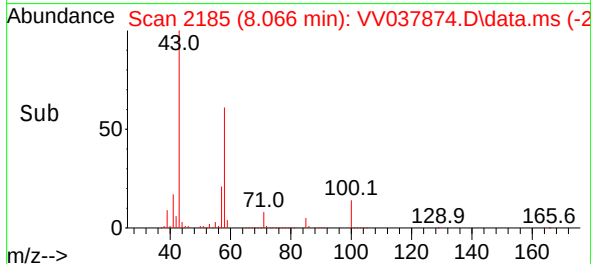


#48
2-Hexanone
Concen: 200.915 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Instrument :
MSVOA_V
ClientSampleId :

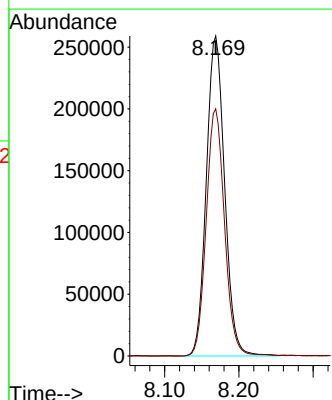
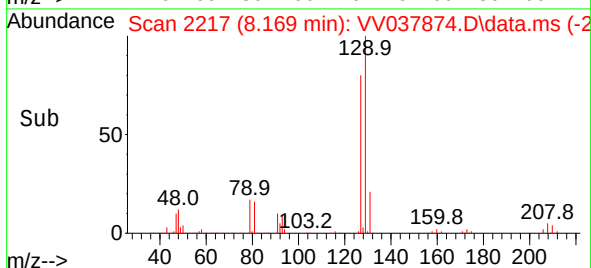
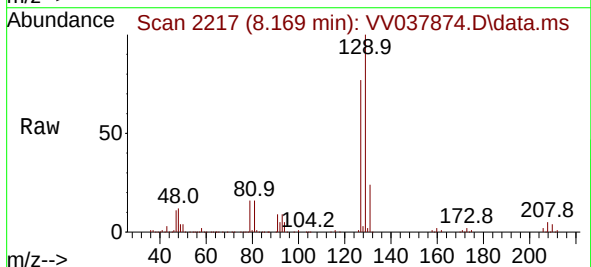


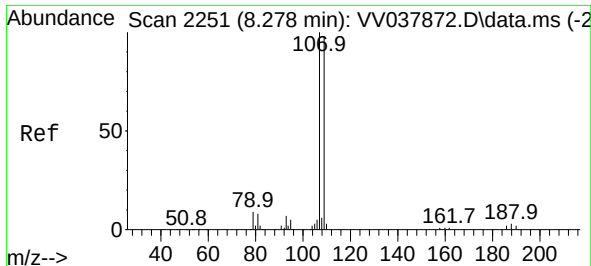
Tgt Ion: 43 Resp: 2032345
Ion Ratio Lower Upper
43 100
58 61.0 47.8 71.6
57 20.9 15.4 23.0
100 14.8 11.3 16.9



#49
Dibromochloromethane
Concen: 22.813 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion: 129 Resp: 443153
Ion Ratio Lower Upper
129 100
127 77.2 55.8 103.6





#50

1,2-Dibromoethane

Concen: 21.309 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

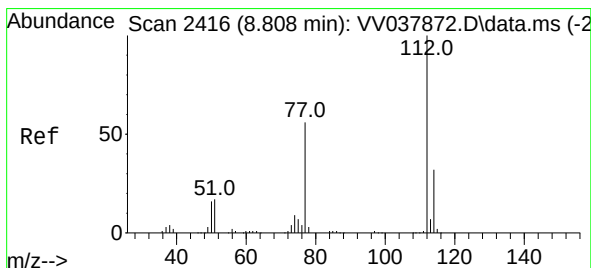
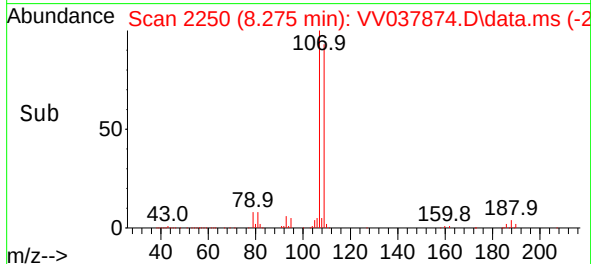
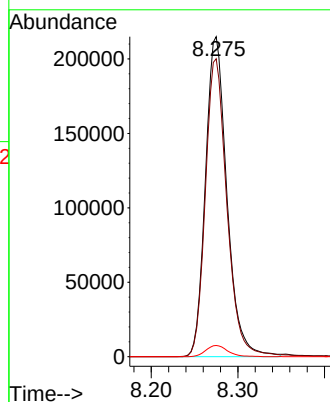
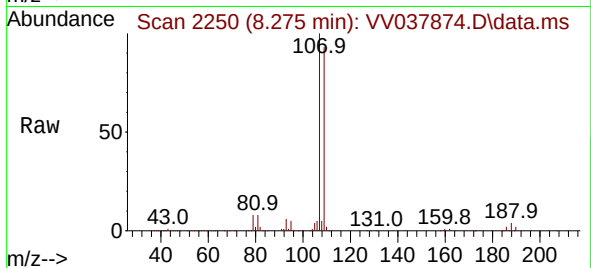
Tgt Ion:107 Resp: 370878

Ion Ratio Lower Upper

107 100

109 93.1 68.3 126.9

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 21.260 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

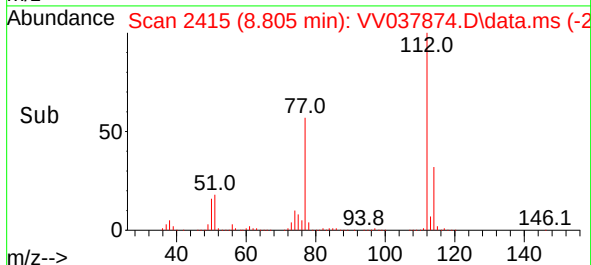
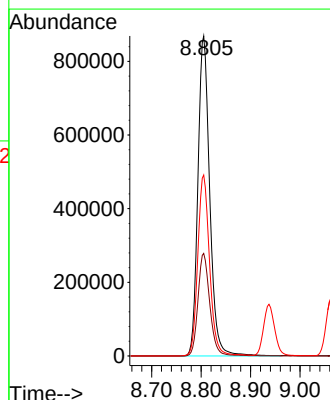
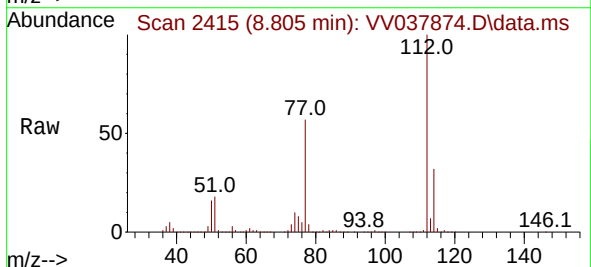
Tgt Ion:112 Resp: 1450450

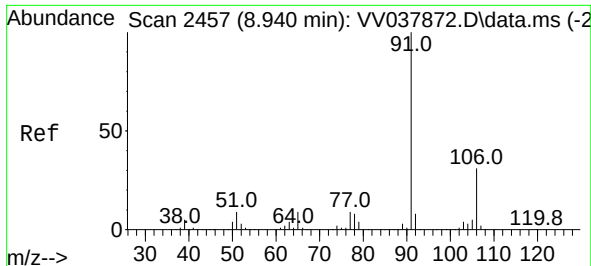
Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

77 56.5 45.3 67.9





#52

Ethylbenzene

Concen: 22.493 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

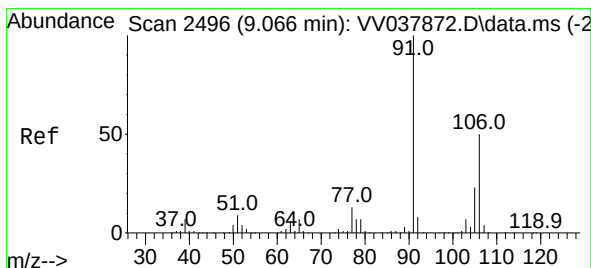
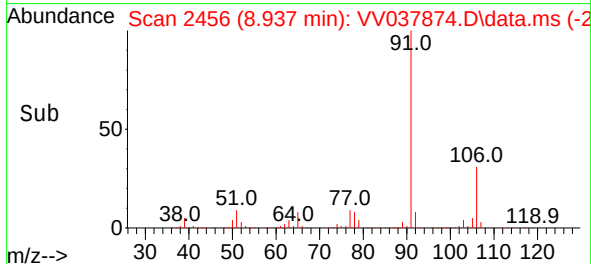
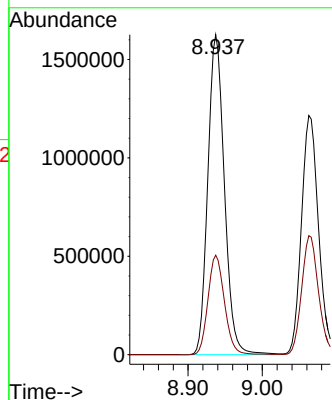
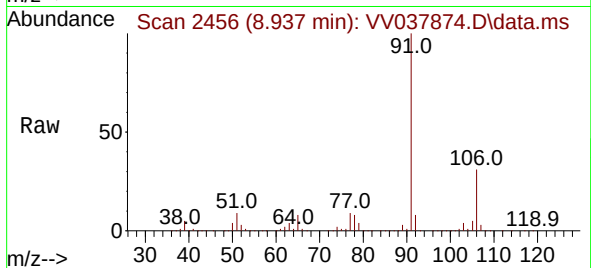
ClientSampleId :

Tgt Ion: 91 Resp: 2511706

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.0



#53

m,p-Xylene

Concen: 23.266 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. -0.003 min

Lab File: VV037874.D

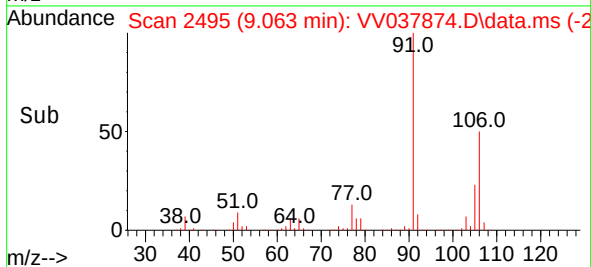
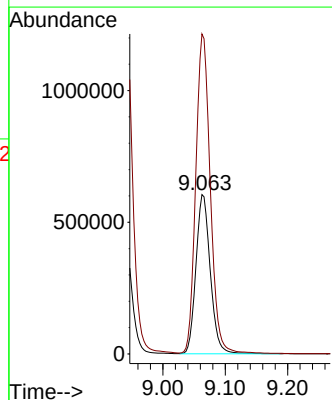
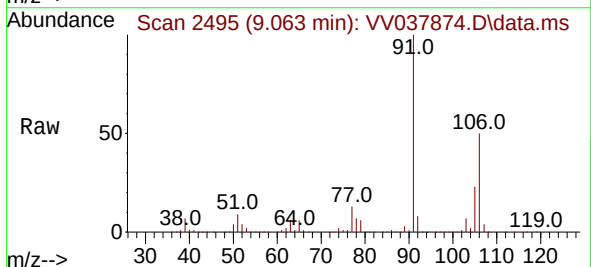
Acq: 16 Oct 2024 11:51

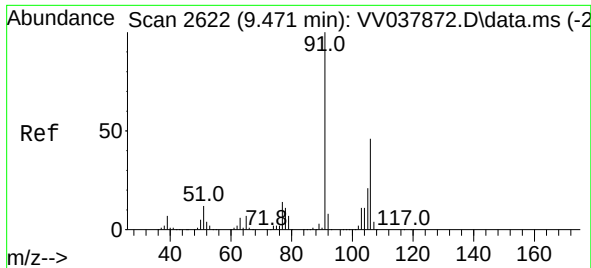
Tgt Ion:106 Resp: 963369

Ion Ratio Lower Upper

106 100

91 200.8 140.0 260.0

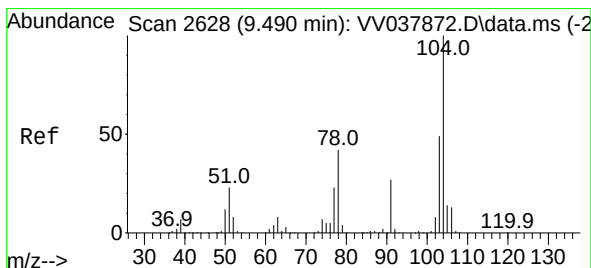
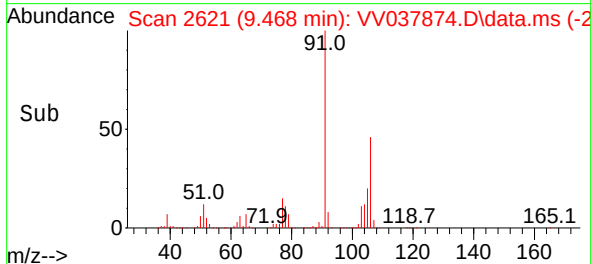
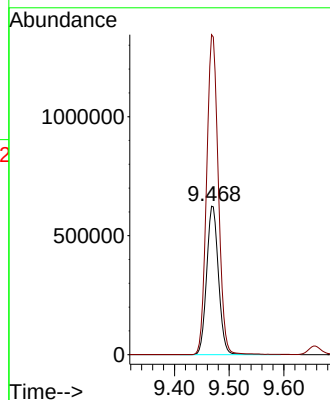
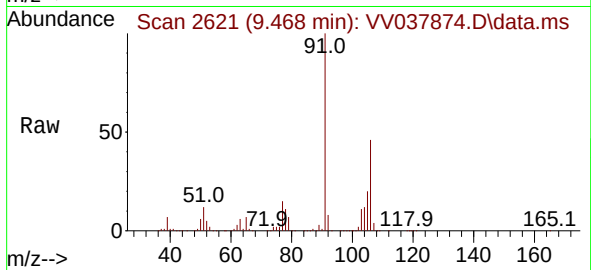




#54
o-Xylene
Concen: 23.414 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

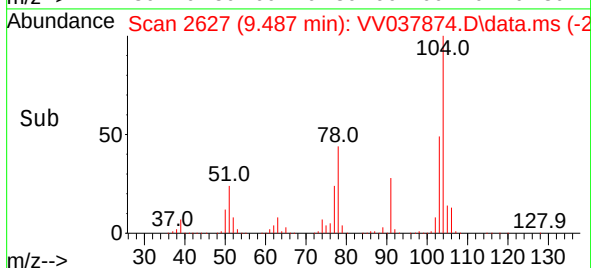
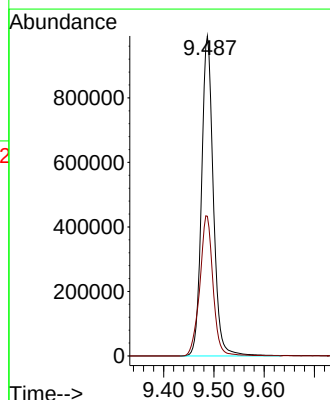
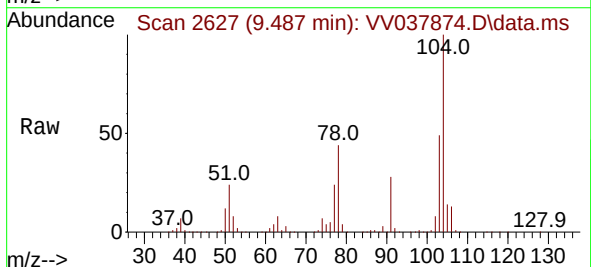
Instrument :
MSVOA_V
ClientSampleId :

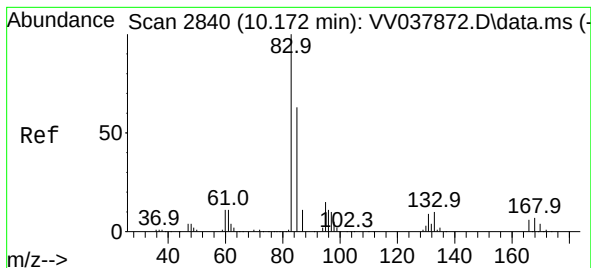
Tgt Ion:106 Resp: 934248
Ion Ratio Lower Upper
106 100
91 215.6 152.1 282.5



#55
Styrene
Concen: 24.006 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV037874.D
Acq: 16 Oct 2024 11:51

Tgt Ion:104 Resp: 1619048
Ion Ratio Lower Upper
104 100
78 43.7 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 20.220 ug/L

RT: 10.169 min Scan# 2840

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

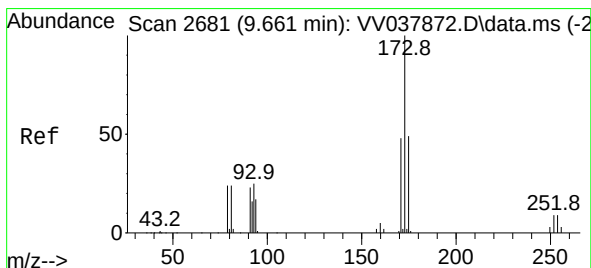
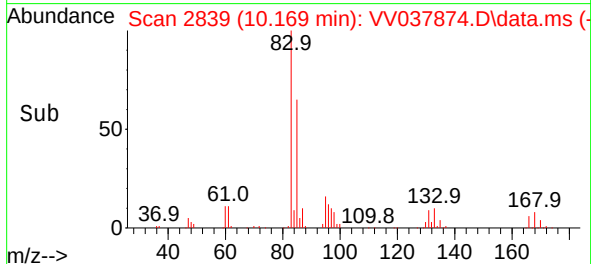
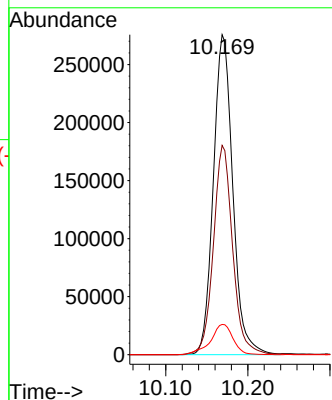
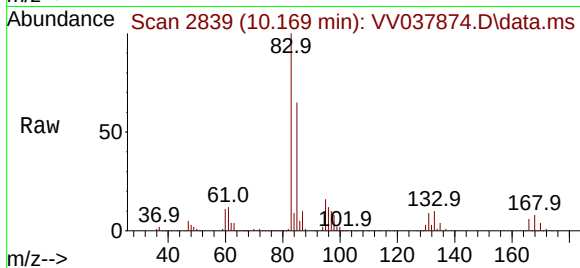
Tgt Ion: 83 Resp: 454194

Ion Ratio Lower Upper

83 100

85 65.4 44.3 82.3

131 9.5 7.8 11.8



#59

Bromoform

Concen: 22.919 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

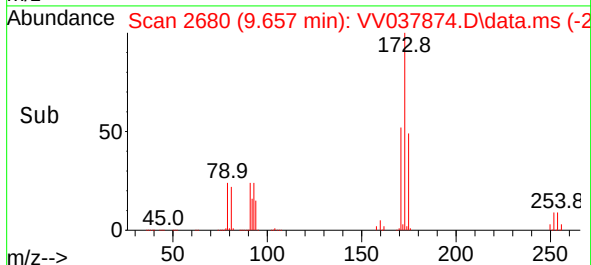
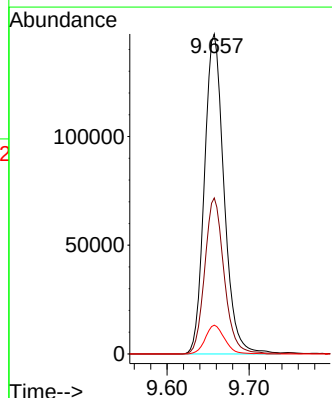
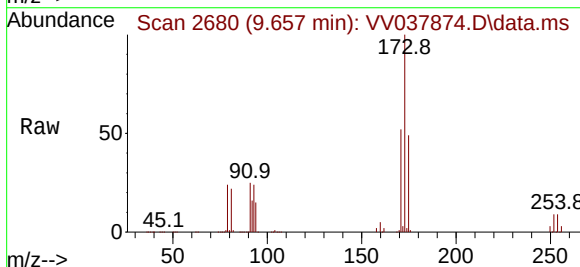
Tgt Ion: 173 Resp: 244253

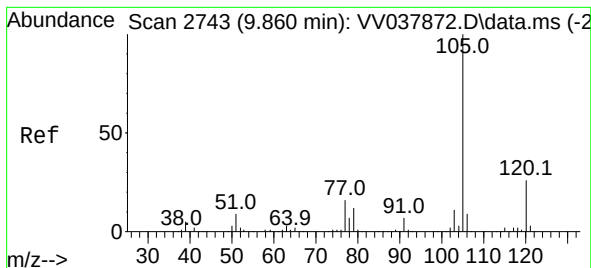
Ion Ratio Lower Upper

173 100

175 48.2 40.3 60.5

254 8.9 7.3 10.9





#60

Isopropylbenzene

Concen: 22.440 ug/L

RT: 9.857 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

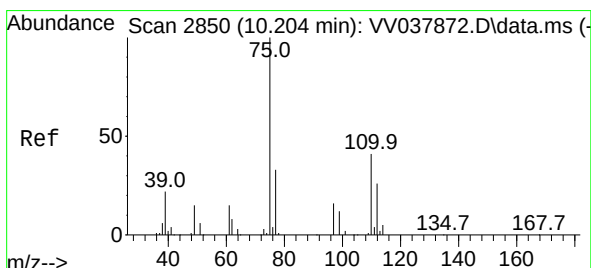
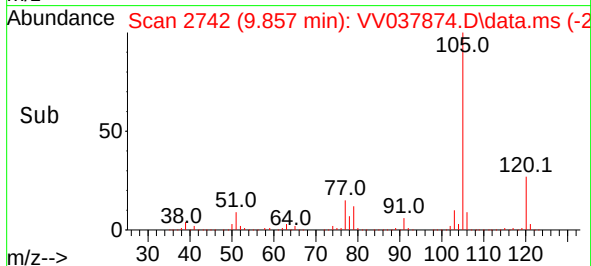
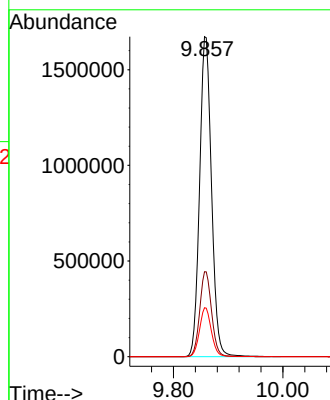
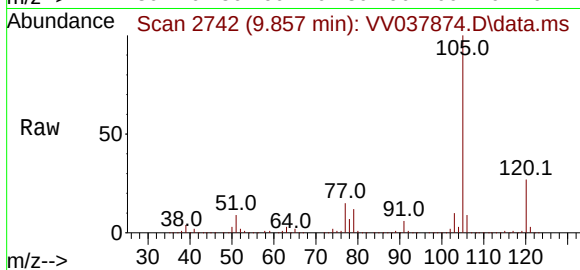
Tgt Ion:105 Resp: 2517101

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.2 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 18.192 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

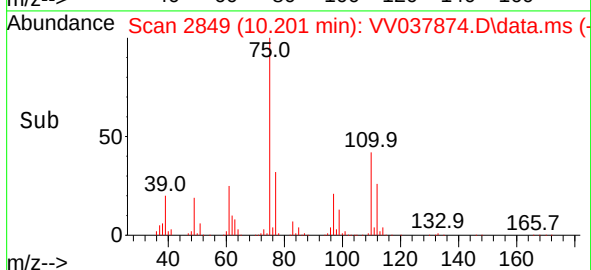
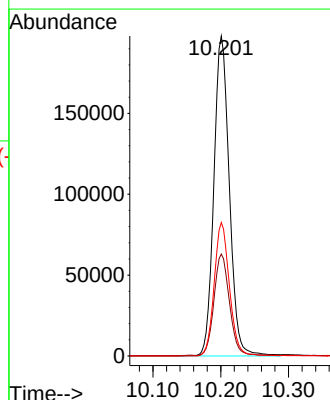
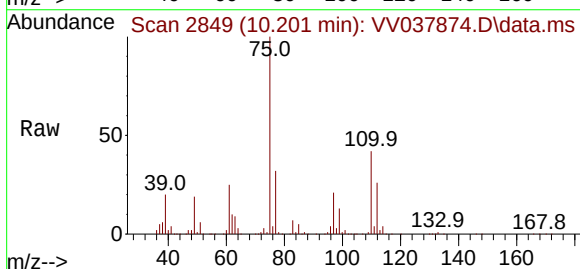
Tgt Ion: 75 Resp: 313920

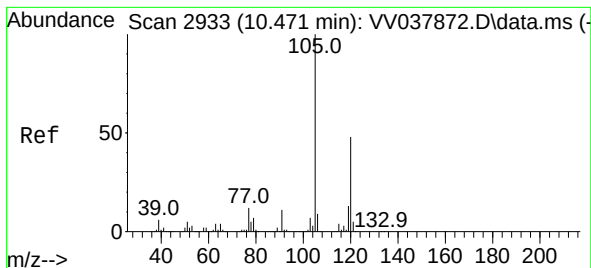
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

110 41.0 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 23.207 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

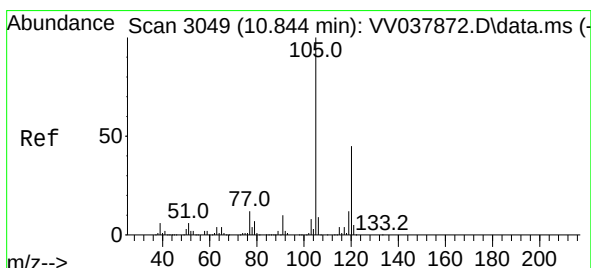
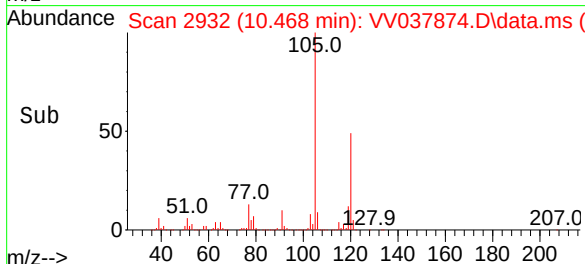
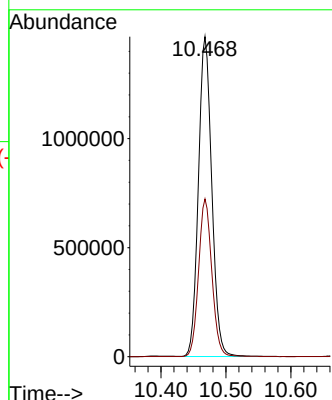
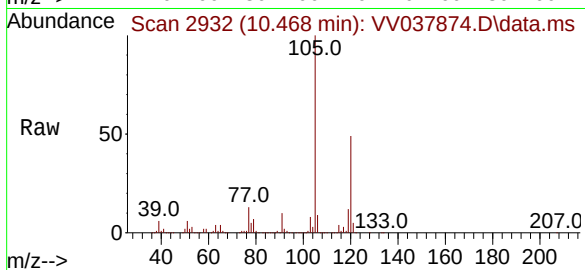
ClientSampleId :

Tgt Ion:105 Resp: 2100465

Ion Ratio Lower Upper

105 100

120 48.9 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 23.742 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037874.D

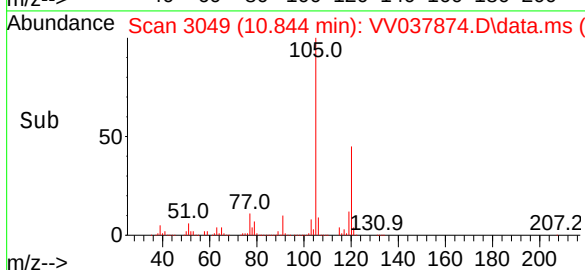
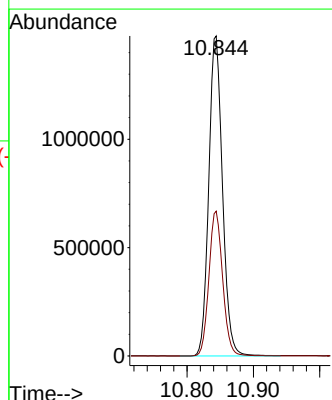
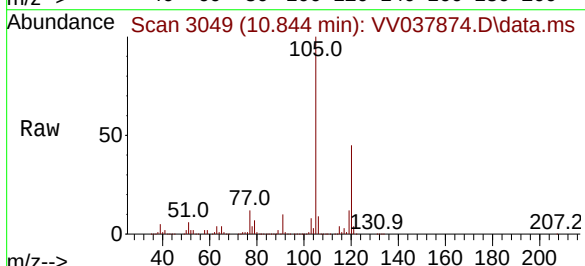
Acq: 16 Oct 2024 11:51

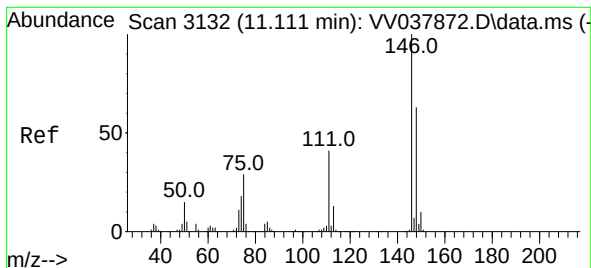
Tgt Ion:105 Resp: 2120013

Ion Ratio Lower Upper

105 100

120 45.4 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 20.976 ug/L

RT: 11.108 min Scan# 3131

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

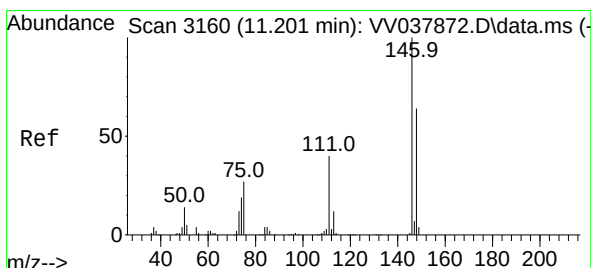
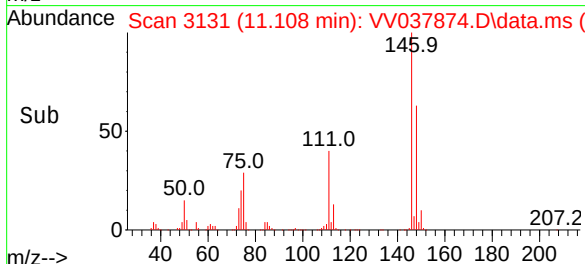
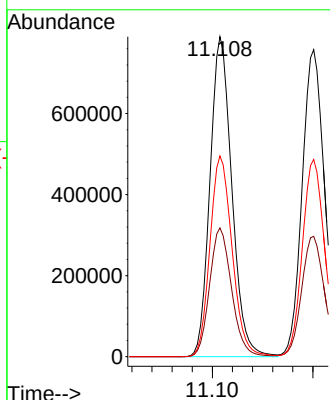
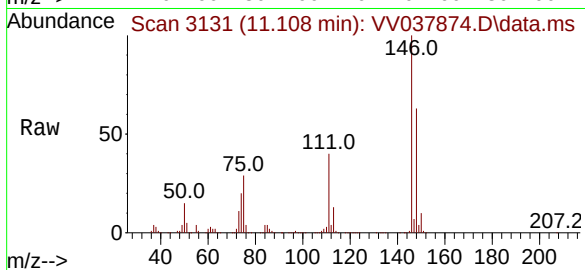
Tgt Ion:146 Resp: 1191778

Ion Ratio Lower Upper

146 100

111 40.2 28.6 53.0

148 62.7 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 20.035 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

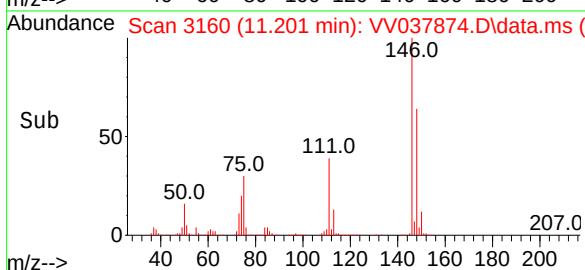
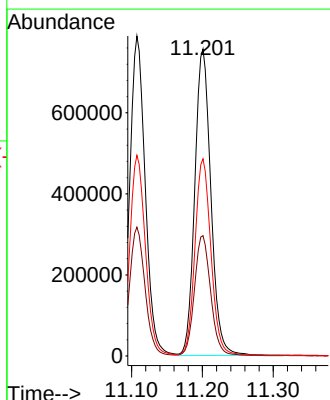
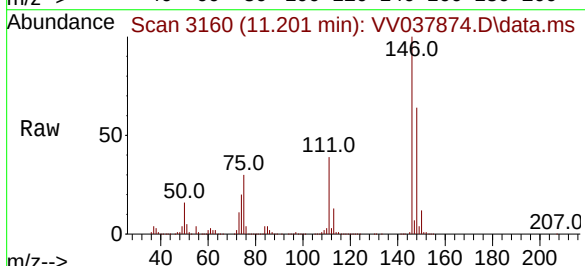
Tgt Ion:146 Resp: 1192997

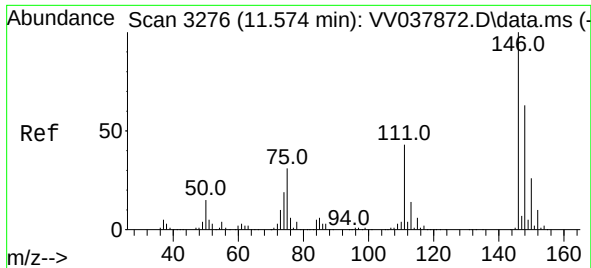
Ion Ratio Lower Upper

146 100

111 39.2 28.1 52.1

148 64.2 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 20.590 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

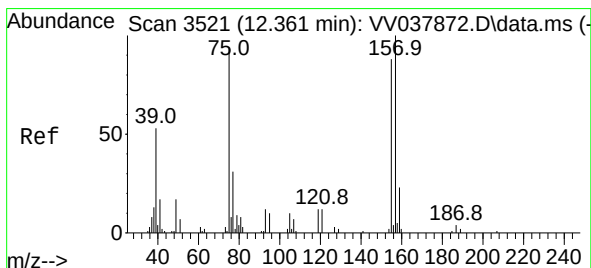
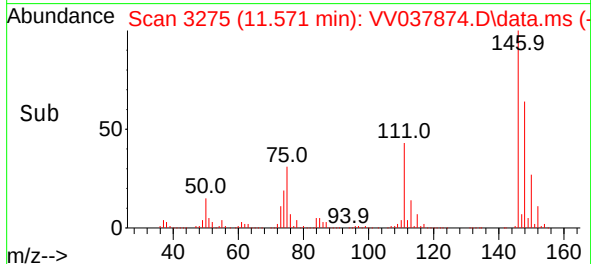
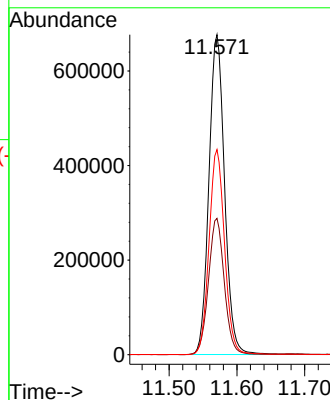
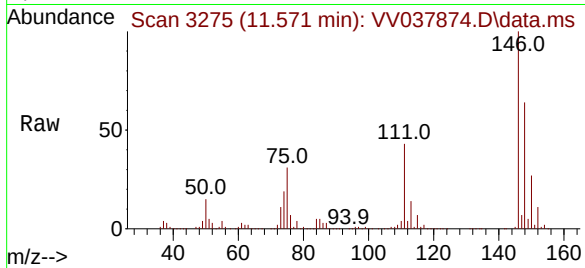
Tgt Ion:146 Resp: 1084810

Ion Ratio Lower Upper

146 100

111 42.6 34.6 51.8

148 64.1 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.762 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

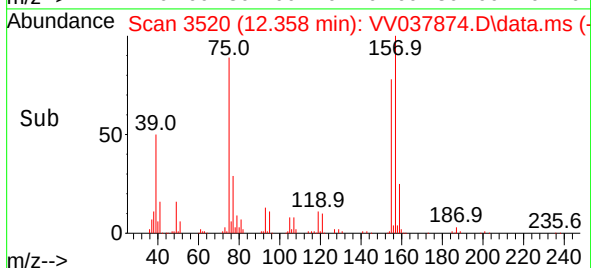
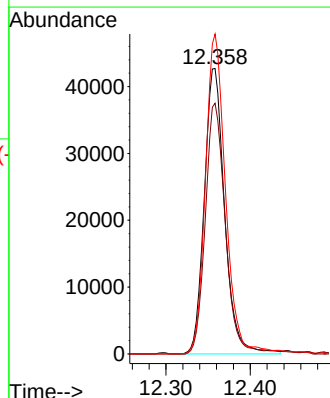
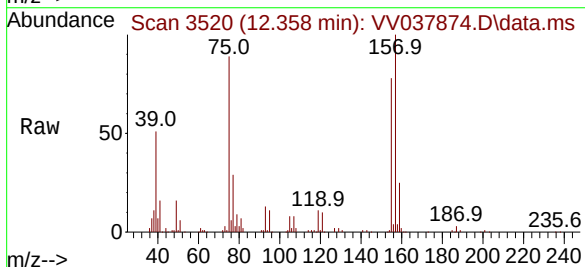
Tgt Ion: 75 Resp: 71910

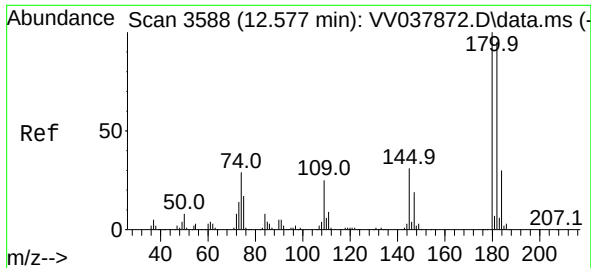
Ion Ratio Lower Upper

75 100

155 87.9 74.8 112.2

157 112.1 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 20.659 ug/L

RT: 12.574 min Scan# 3588

Delta R.T. -0.003 min

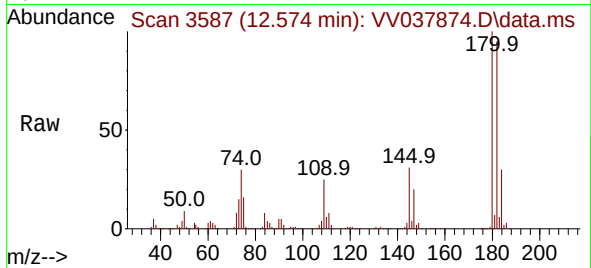
Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 878855

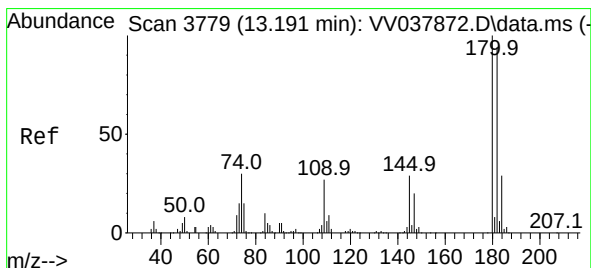
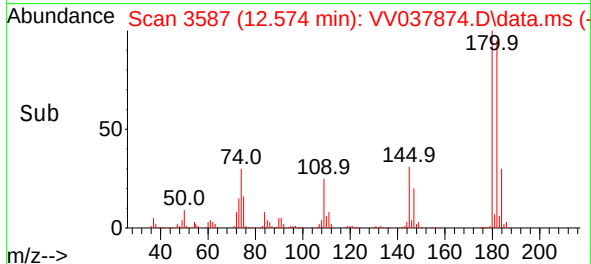
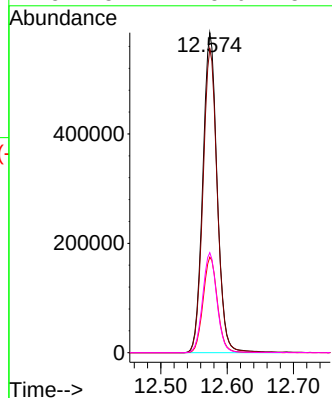
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

184 29.9 24.0 36.0

145 31.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 21.256 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

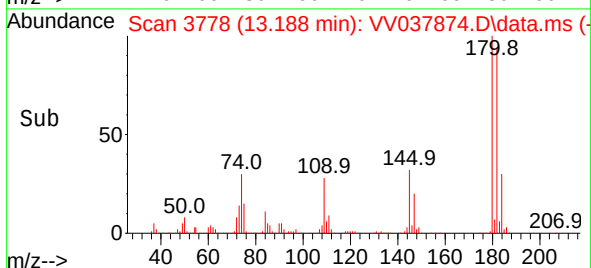
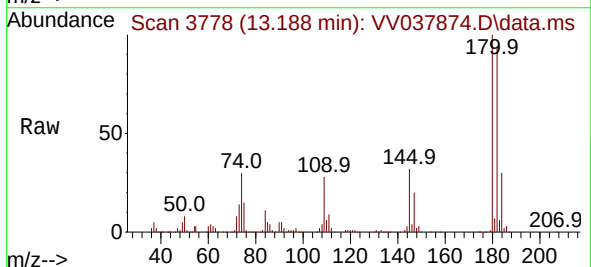
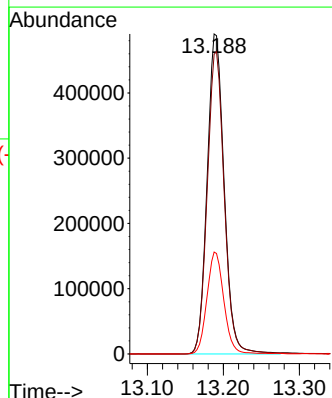
Tgt Ion:180 Resp: 761462

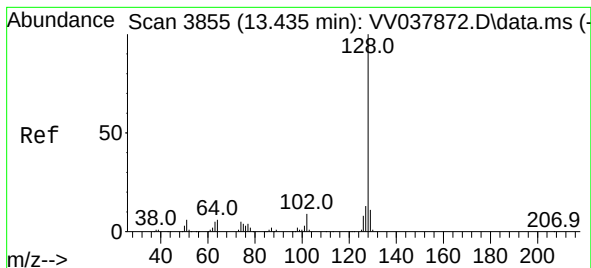
Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

145 31.6 24.2 36.2





#71

Naphthalene

Concen: 23.226 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Instrument :

MSVOA_V

ClientSampleId :

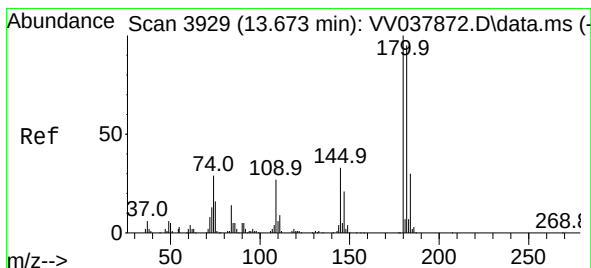
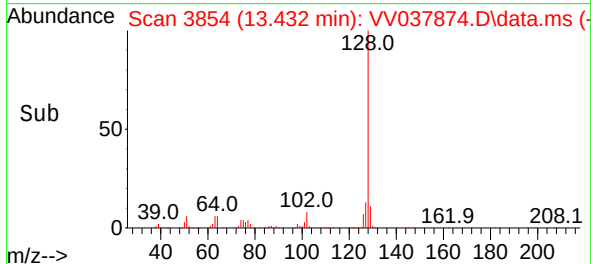
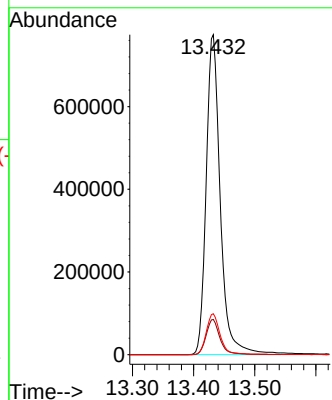
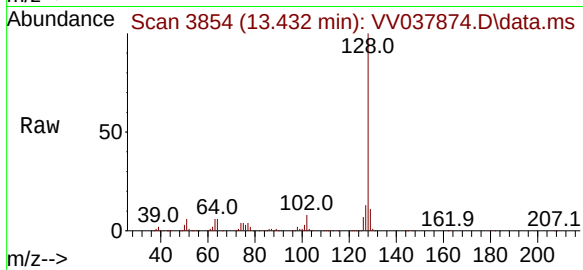
Tgt Ion:128 Resp: 1239251

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.6 9.7 14.5



#72

1,2,3-Trichlorobenzene

Concen: 20.935 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037874.D

Acq: 16 Oct 2024 11:51

Tgt Ion:180 Resp: 660708

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

145 34.2 27.3 40.9

