

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102824\
 Data File : VW030799.D
 Acq On : 28 Oct 2024 20:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.50g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 01:37:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 29 01:29:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	207887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	205550	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110096	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81944	25.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.320%	
7) Chloroethane-d5	2.899	69	75575	30.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.200%	
11) 1,1-Dichloroethene-d2	4.021	65	34421	25.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.320%	
21) 2-Butanone-d5	7.081	46	38632	65.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 131.380%	
24) Chloroform-d	7.648	84	182133	30.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.560%	
26) 1,2-Dichloroethane-d4	8.301	65	97387	31.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 126.000%	
32) Benzene-d6	8.276	84	334731	28.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.240%	
36) 1,2-Dichloropropane-d6	9.270	67	101011	28.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.400%	
41) Toluene-d8	10.319	98	310064	28.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.880%	
43) trans-1,3-Dichloroprop...	10.575	79	41985	28.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.520%	
47) 2-Hexanone-d5	10.922	63	32735	72.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 145.160%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82694	32.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 128.640%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	100077	26.865	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	49274	18.552	ug/L	96
3) Chloromethane	2.222	50	74542	24.147	ug/L	96
5) Vinyl chloride	2.375	62	90335	23.796	ug/L	98
6) Bromomethane	2.789	94	68864	27.560	ug/L	99
8) Chloroethane	2.936	64	64325	27.718	ug/L	99
9) Trichlorofluoromethane	3.271	101	81418	23.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	82370	26.953	ug/L	93
12) 1,1-Dichloroethene	4.045	96	68725	24.640	ug/L	89
13) Acetone	4.118	43	46290	53.767	ug/L	99
14) Carbon disulfide	4.393	76	180354	19.802	ug/L	97
15) Methyl Acetate	4.673	43	36332	34.163	ug/L	100
16) Methylene chloride	4.917	84	84115	26.764	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	79499	26.415	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	132541	31.466	ug/L	100
19) 1,1-Dichloroethane	6.216	63	167317	29.912	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	96077	29.929	ug/L	97
22) 2-Butanone	7.173	43	55807	60.136	ug/L	98
23) Bromochloromethane	7.514	128	42257	30.090	ug/L #	93
25) Chloroform	7.679	83	185945	31.107	ug/L	98

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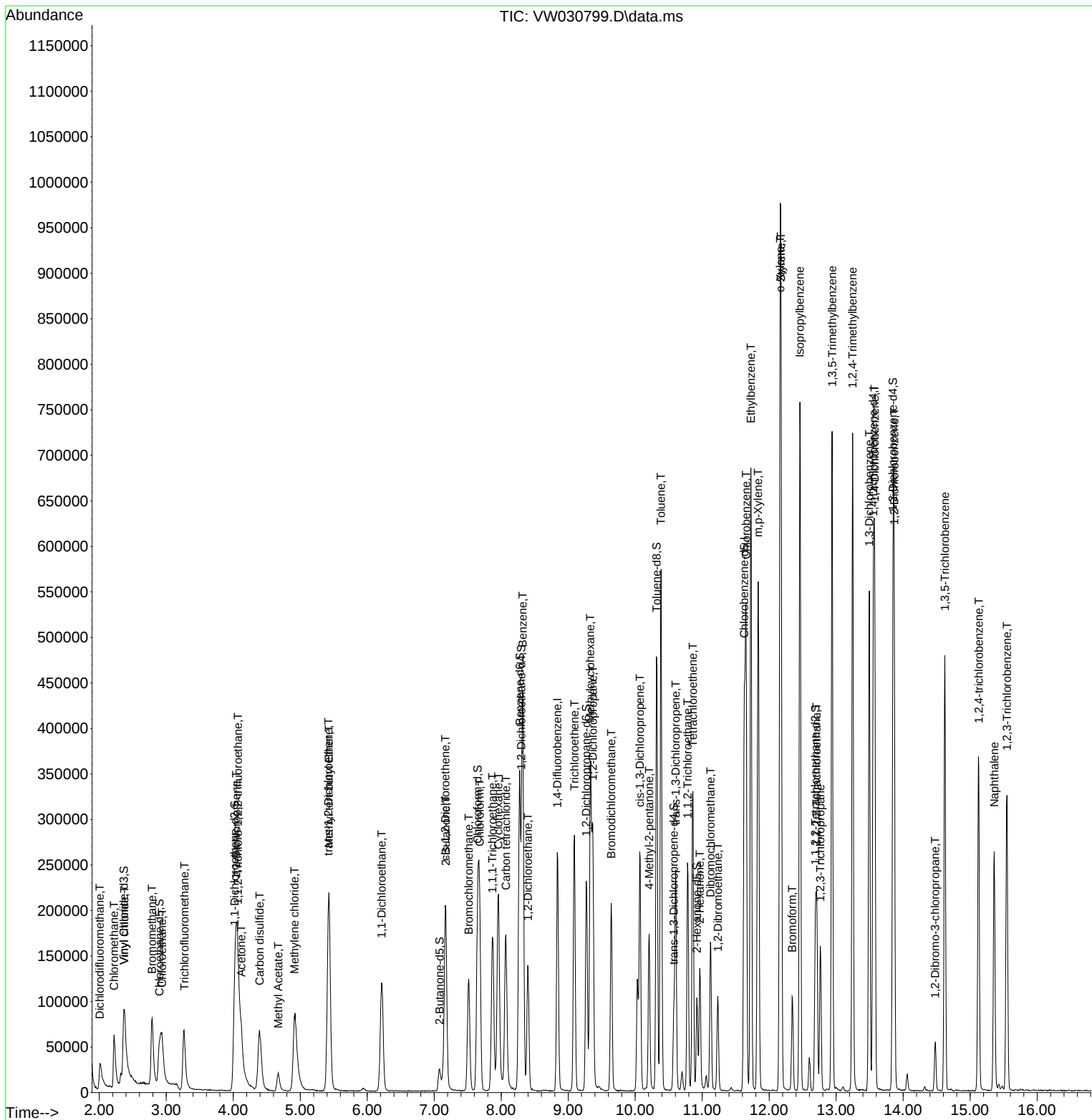
Instrument :
 MSVOA_W
 ClientSampleId :

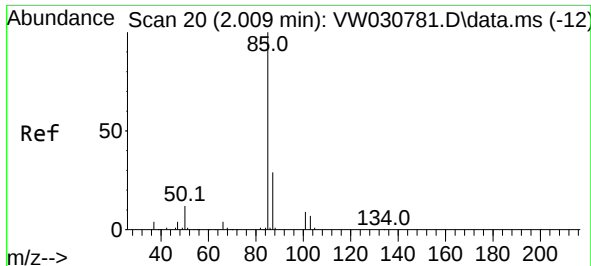
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 Quant Title : SFAM01.0
 QLast Update : Tue Oct 29 01:29:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121867	30.903	ug/L	98
29) Cyclohexane	7.959	56	115751	23.134	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	139692	25.601	ug/L	99
31) Carbon tetrachloride	8.069	117	121536	24.938	ug/L	100
33) Benzene	8.319	78	365113	27.296	ug/L	100
34) Trichloroethene	9.093	95	98891	26.574	ug/L	97
35) Methylcyclohexane	9.331	83	143208	24.453	ug/L	98
37) 1,2-Dichloropropane	9.367	63	98500	29.484	ug/L	99
38) Bromodichloromethane	9.642	83	131449	29.574	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	146479	29.068	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	109451	68.196	ug/L	99
42) Toluene	10.386	91	409592	28.702	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	125540	29.647	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74644	30.915	ug/L	92
46) Tetrachloroethene	10.861	164	68297	24.883	ug/L	95
48) 2-Hexanone	10.965	43	81351	61.982	ug/L	98
49) Dibromochloromethane	11.123	129	82298	30.548	ug/L	96
50) 1,2-Dibromoethane	11.233	107	66630	29.574	ug/L	99
51) Chlorobenzene	11.654	112	256268	27.897	ug/L	96
52) Ethylbenzene	11.727	91	458102	28.133	ug/L	99
53) m,p-Xylene	11.837	106	171420	28.099	ug/L	95
54) o-Xylene	12.166	106	164659	29.195	ug/L	94
55) Styrene	12.178	104	293434	30.434	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	89807	32.983	ug/L	95
59) Bromoform	12.343	173	44639	28.859	ug/L	99
60) Isopropylbenzene	12.458	105	466015	27.333	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61828	28.860	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	369112	27.441	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	371014	28.171	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	205532	27.695	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	200249	26.132	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	180926	27.705	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14322	29.982	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	130365	26.638	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	103743	26.332	ug/L	95
71) Naphthalene	15.360	128	211940	31.137	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	101312	29.663	ug/L	98

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

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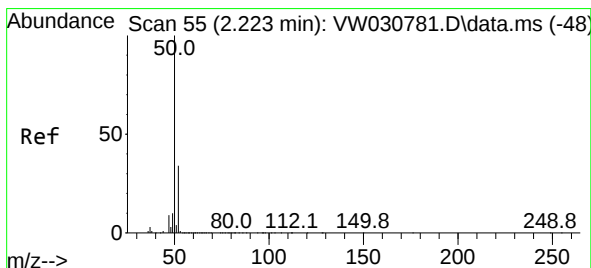
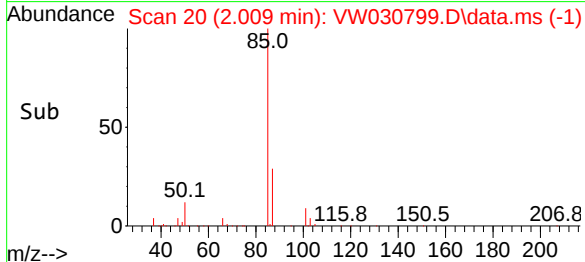
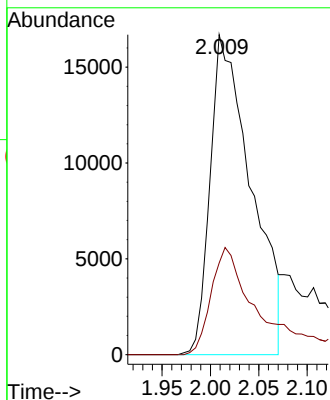
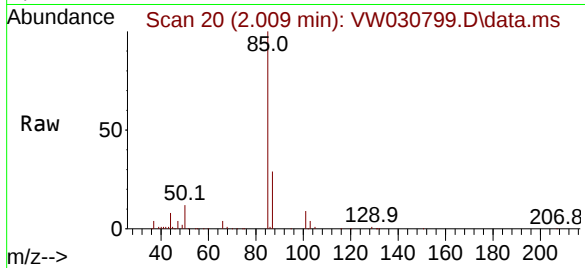




#2
 Dichlorodifluoromethane
 Concen: 18.552 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

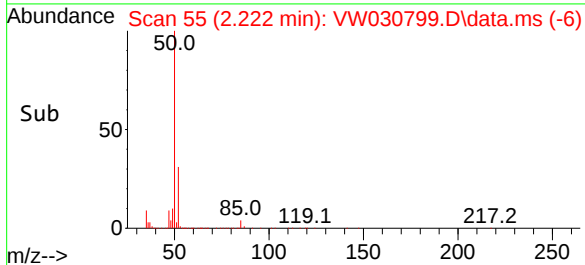
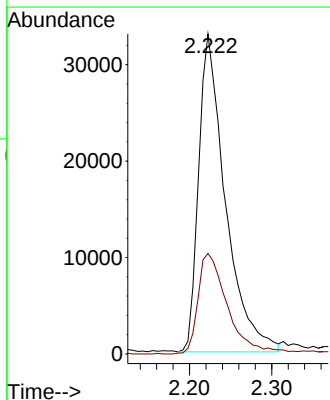
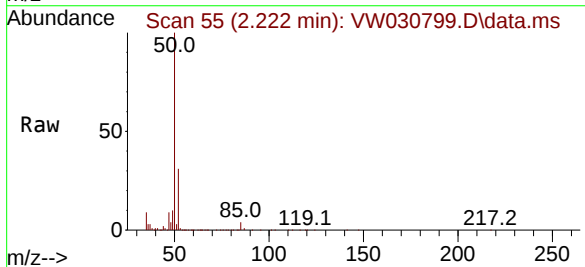
Instrument :
 MSVOA_W
 ClientSampleId :

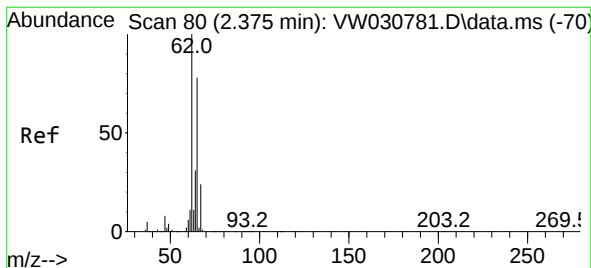
Tgt Ion: 85 Resp: 49274
 Ion Ratio Lower Upper
 85 100
 87 31.8 23.8 35.6



#3
 Chloromethane
 Concen: 24.147 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

Tgt Ion: 50 Resp: 74542
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.7 43.9





#5

Vinyl chloride

Concen: 23.796 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

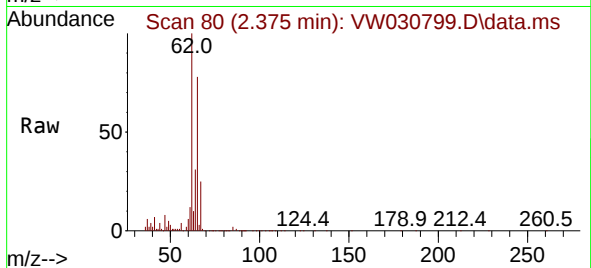
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Acq: 28 Oct 2024 20:29

Instrument :

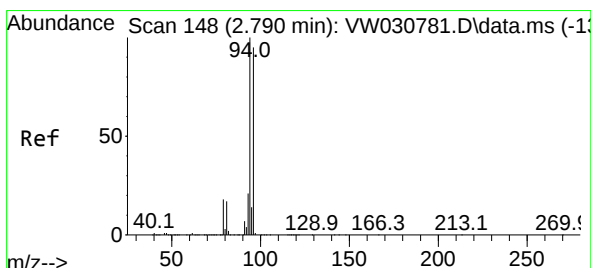
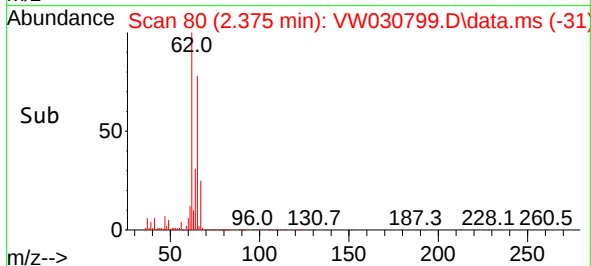
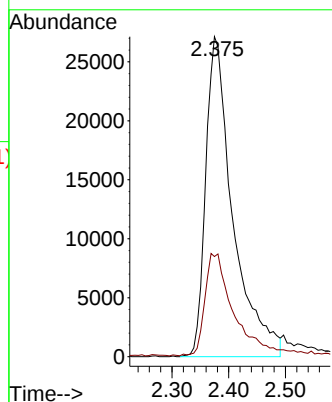
MSVOA_W

ClientSampleId :



Tgt Ion: 62 Resp: 90335

Ion	Ratio	Lower	Upper
62	100		
64	31.3	22.6	42.0



#6

Bromomethane

Concen: 27.560 ug/L

RT: 2.789 min Scan# 148

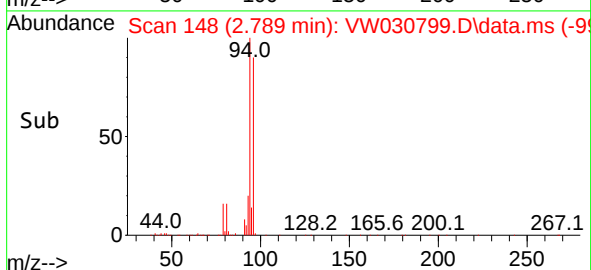
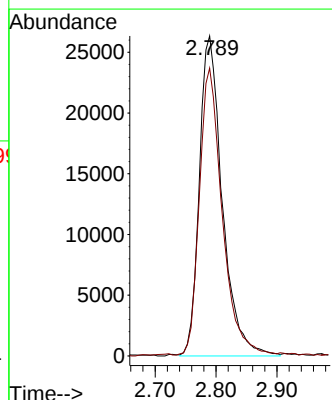
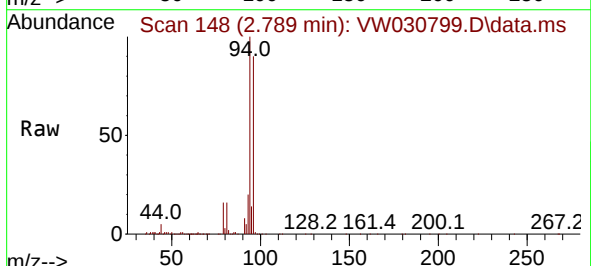
Delta R.T. -0.000 min

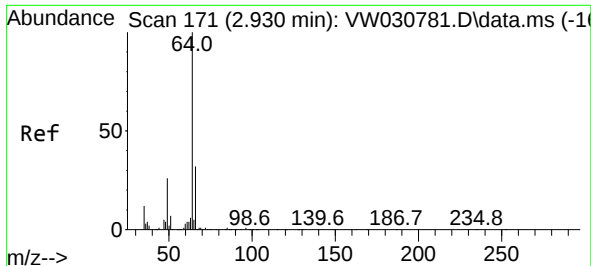
Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Tgt Ion: 94 Resp: 68864

Ion	Ratio	Lower	Upper
94	100		
96	89.9	62.6	116.2

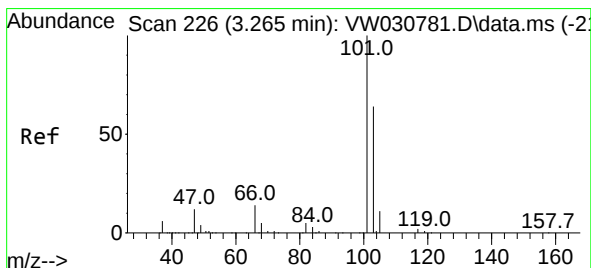
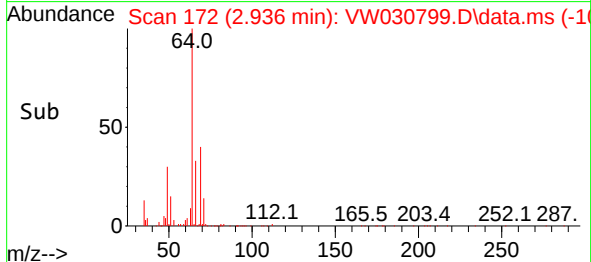
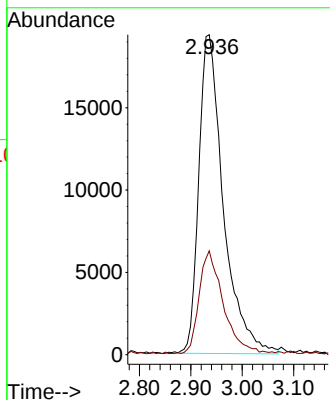
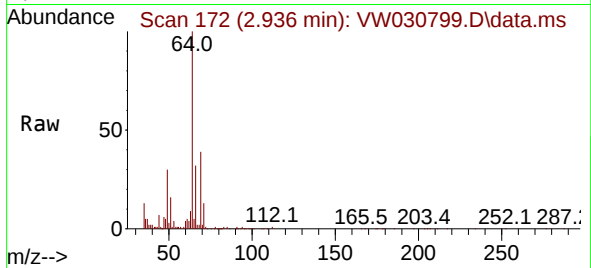




#8
Chloroethane
Concen: 27.718 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

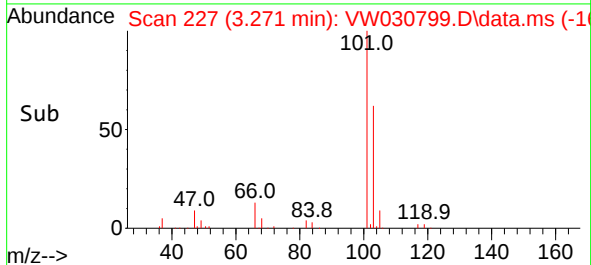
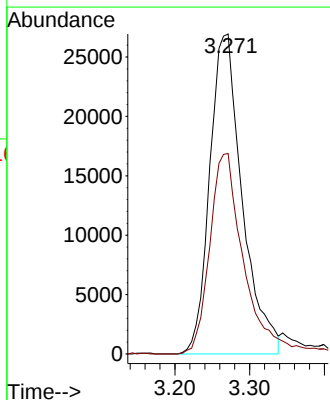
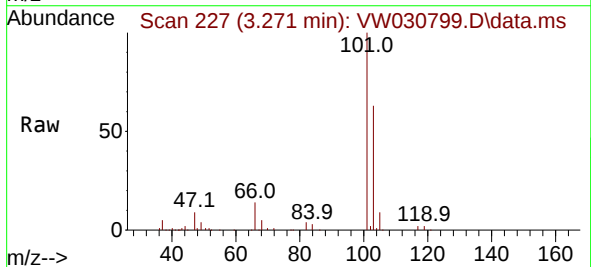
Instrument :
MSVOA_W
ClientSampleId :

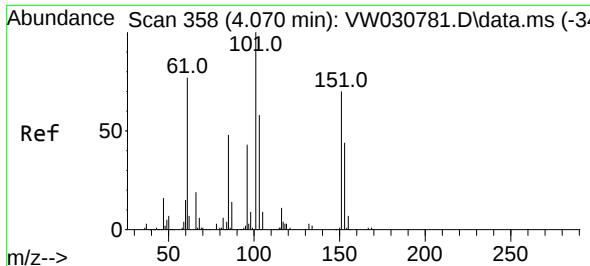
Tgt Ion: 64 Resp: 64325
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.969 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 101 Resp: 81418
Ion Ratio Lower Upper
101 100
103 64.4 51.1 76.7

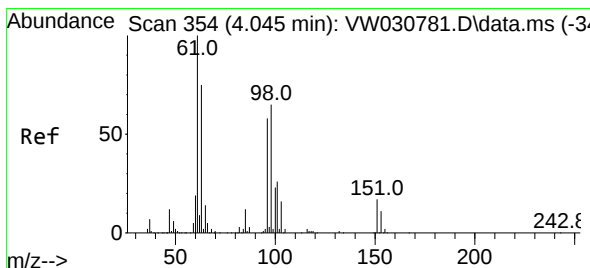
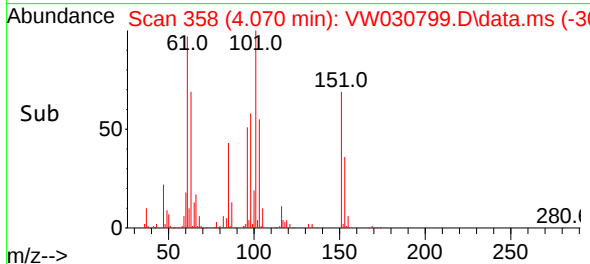
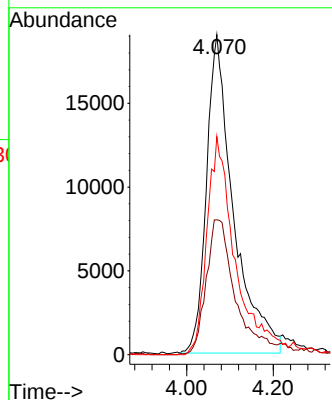
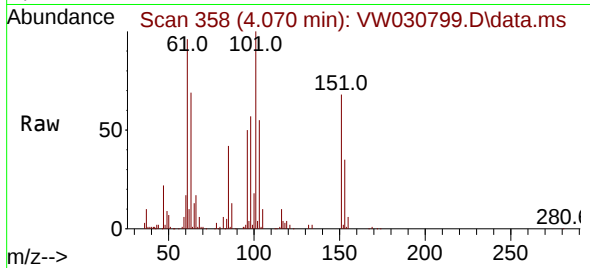




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.953 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

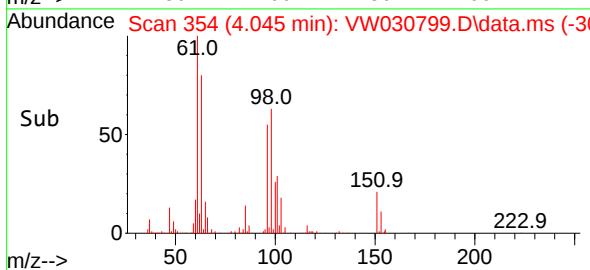
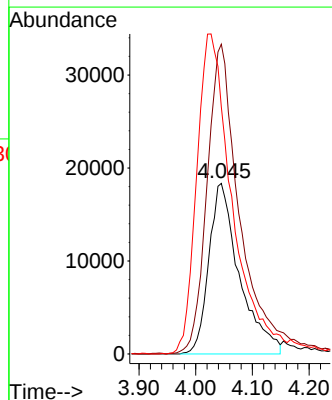
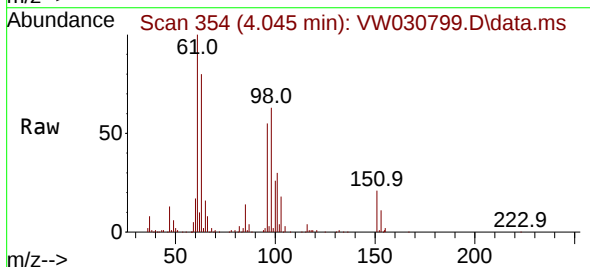
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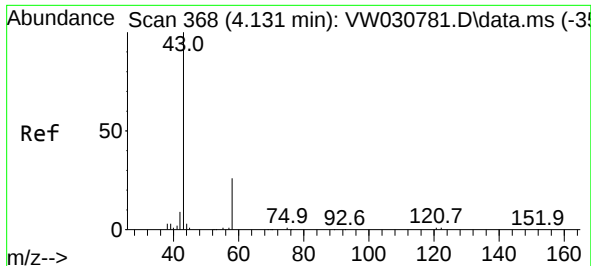
Tgt Ion: 101 Resp: 82370
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.7 53.5
 151 62.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 24.640 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

Tgt Ion: 96 Resp: 68725
 Ion Ratio Lower Upper
 96 100
 61 181.6 121.3 225.3
 63 144.8 87.6 162.8

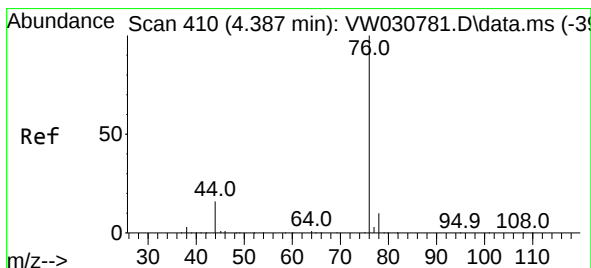
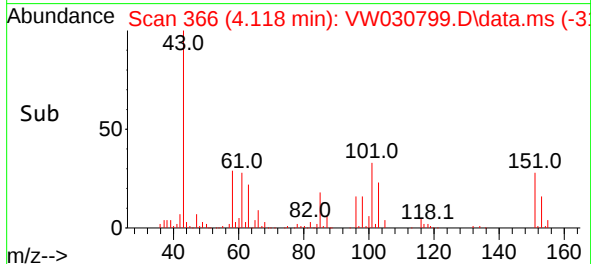
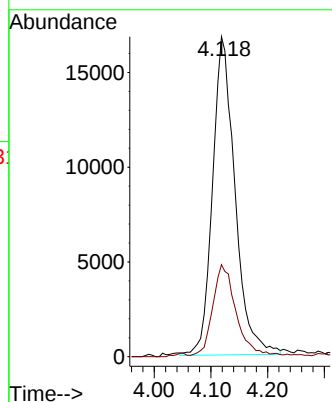
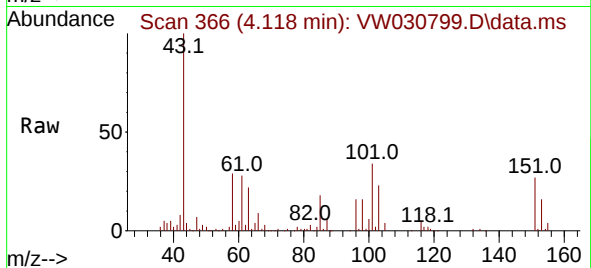




#13
Acetone
Concen: 53.767 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

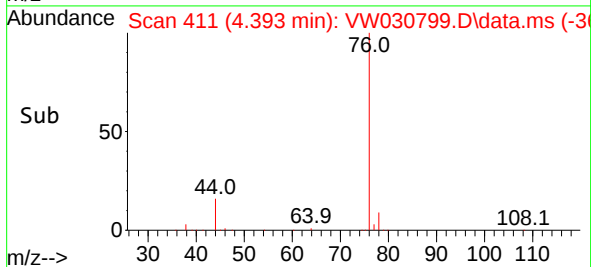
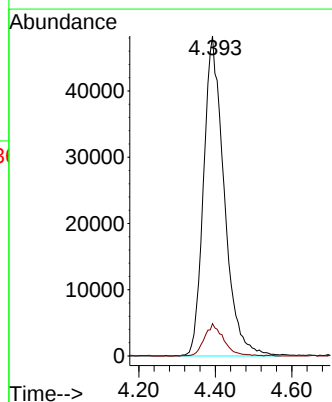
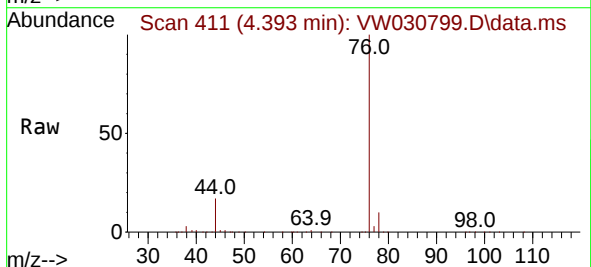
Instrument :
MSVOA_W
ClientSampled :

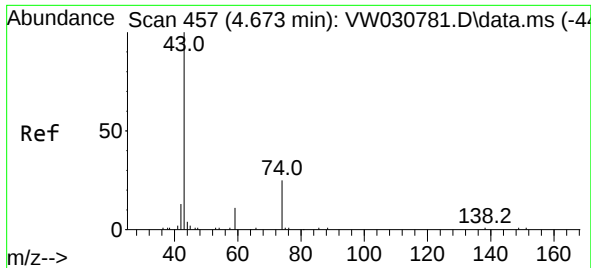
Tgt Ion: 43 Resp: 46290
Ion Ratio Lower Upper
43 100
58 29.1 0.0 57.6



#14
Carbon disulfide
Concen: 19.802 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 76 Resp: 180354
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

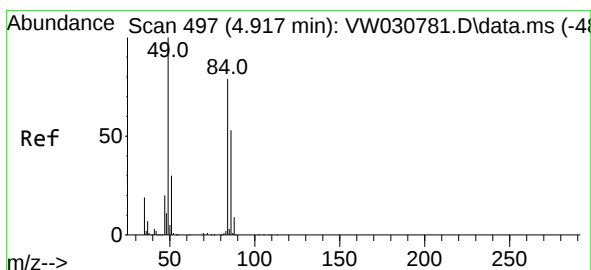
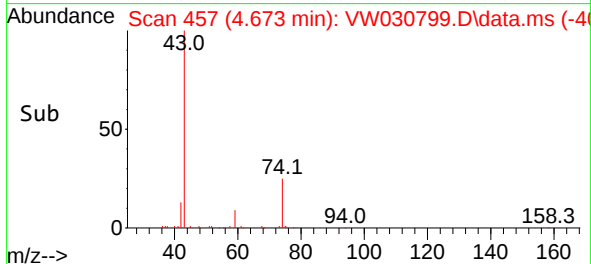
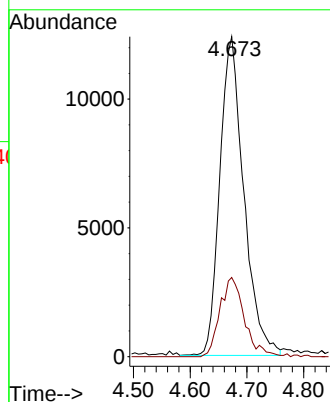
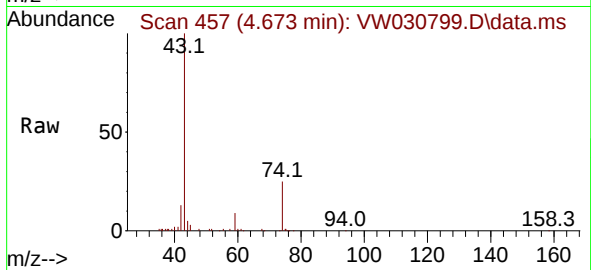




#15
Methyl Acetate
Concen: 34.163 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

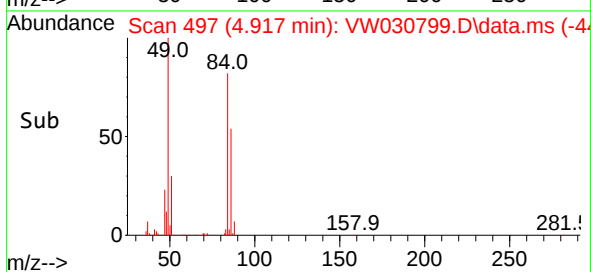
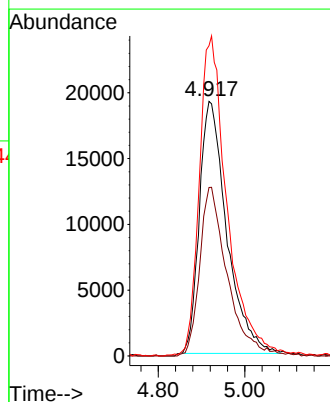
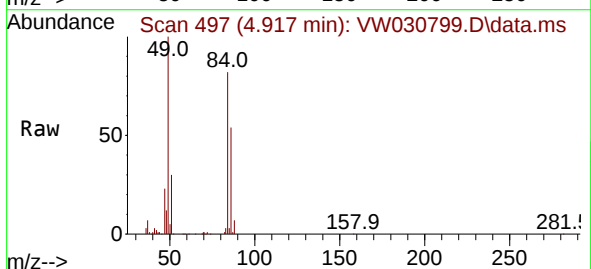
Instrument :
MSVOA_W
ClientSampleId :

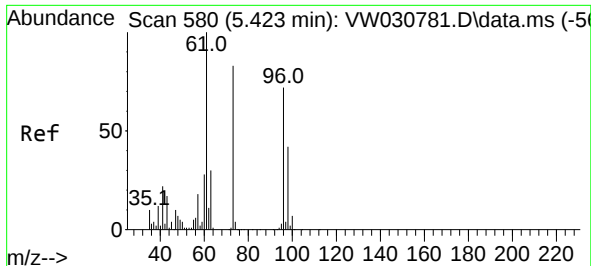
Tgt Ion: 43 Resp: 36332
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9



#16
Methylene chloride
Concen: 26.764 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

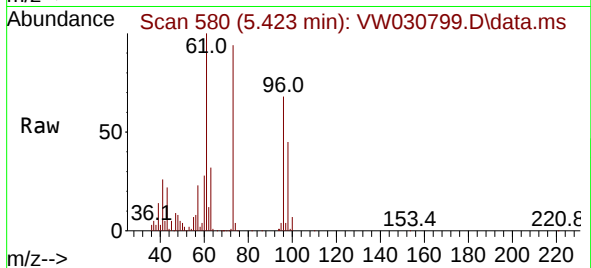
Tgt Ion: 84 Resp: 84115
Ion Ratio Lower Upper
84 100
86 66.2 43.8 81.3
49 121.9 88.3 164.1





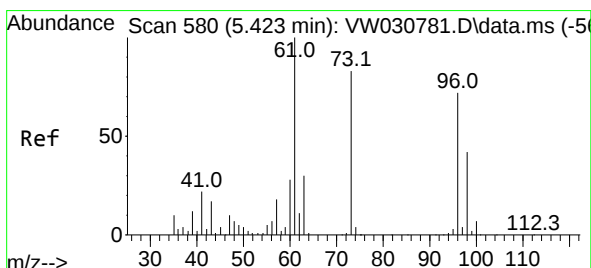
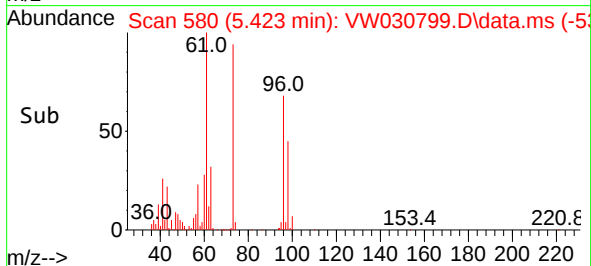
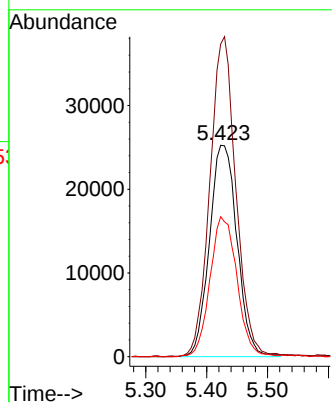
#17
trans-1,2-Dichloroethene
Concen: 26.415 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 79499

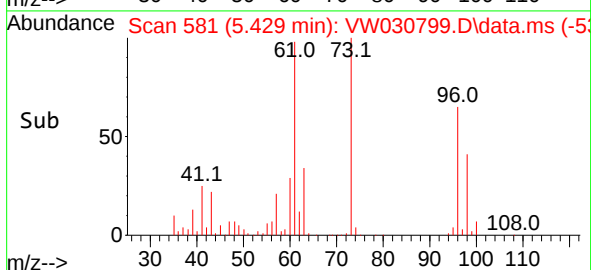
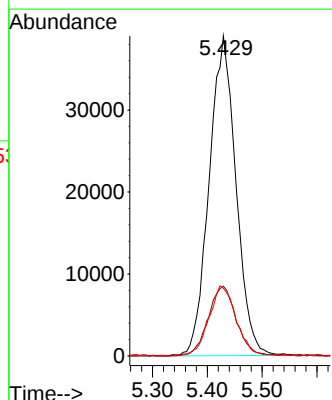
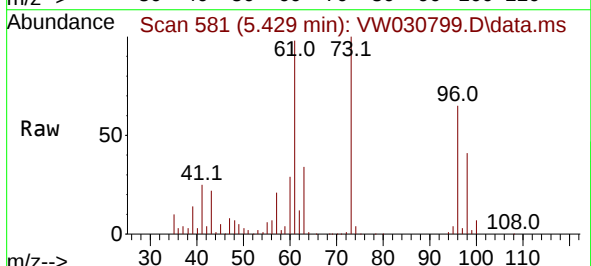
Ion	Ratio	Lower	Upper
96	100		
61	147.9	96.9	179.9
98	66.3	42.2	78.4

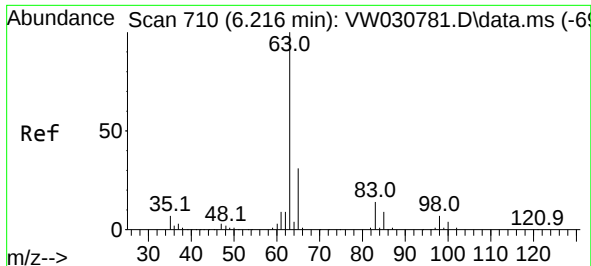


#18
Methyl tert-butyl Ether
Concen: 31.466 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 73 Resp: 132541

Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.1	27.1
57	22.3	17.7	26.5

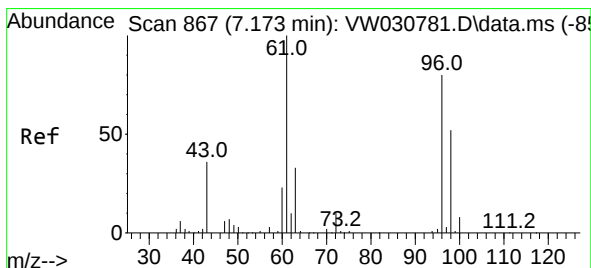
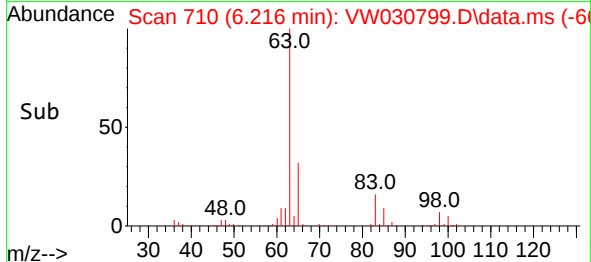
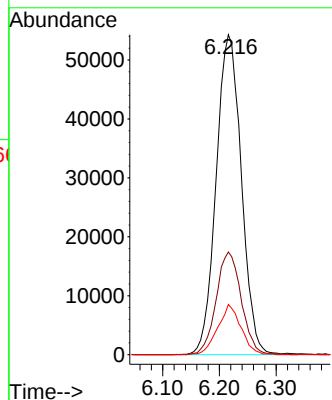
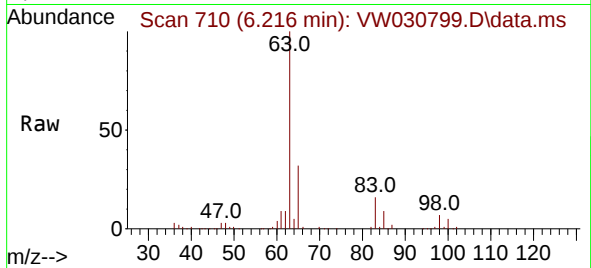




#19
1,1-Dichloroethane
Concen: 29.912 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

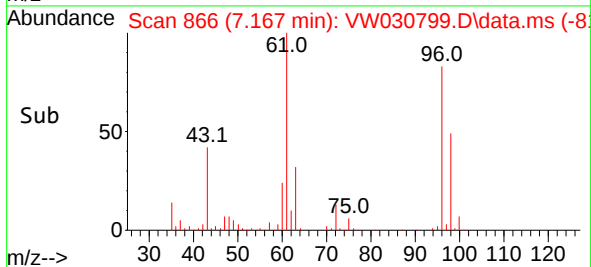
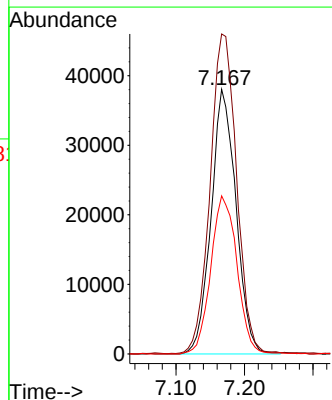
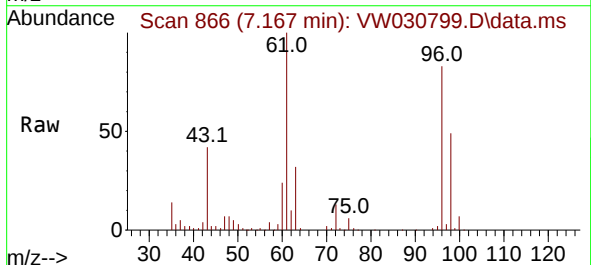
Instrument :
MSVOA_W
ClientSampleId :

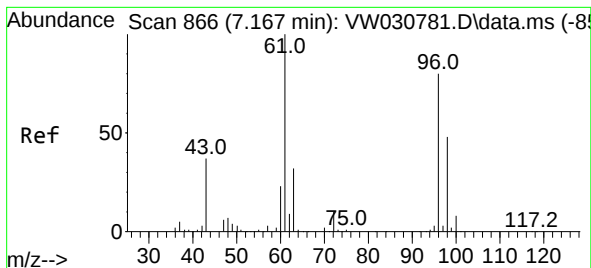
Tgt Ion: 63 Resp: 167317
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.9
83 15.7 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 29.929 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 96 Resp: 96077
Ion Ratio Lower Upper
96 100
61 120.9 88.3 163.9
98 59.8 41.3 76.7





#22

2-Butanone

Concen: 60.136 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

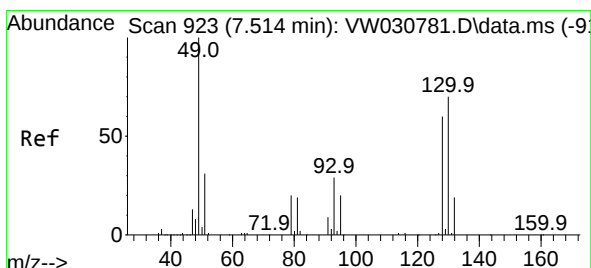
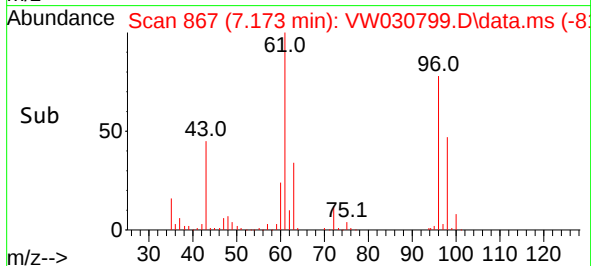
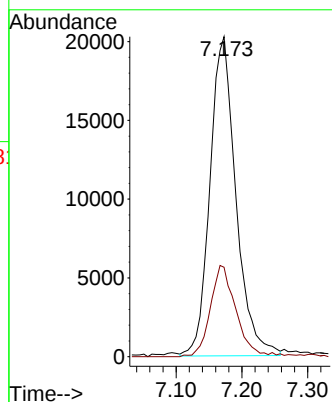
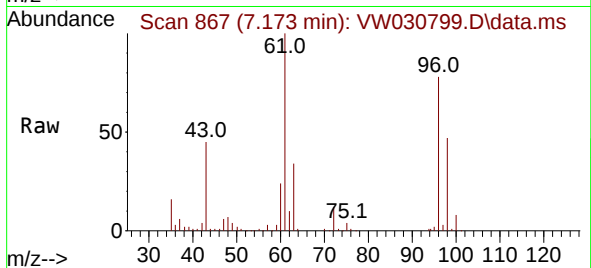
ClientSampleId :

Tgt Ion: 43 Resp: 55807

Ion Ratio Lower Upper

43 100

72 27.5 14.4 43.0



#23

Bromochloromethane

Concen: 30.090 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Tgt Ion: 128 Resp: 42257

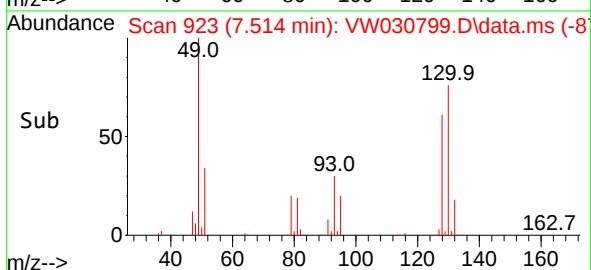
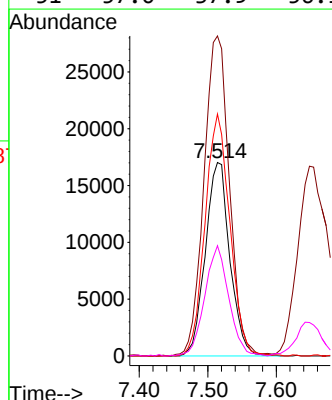
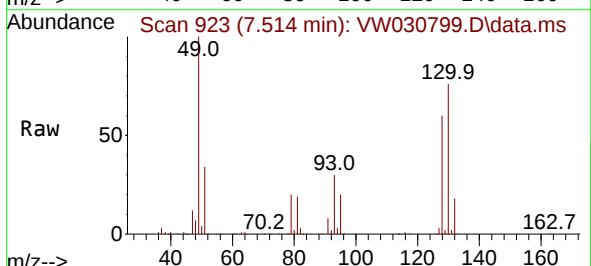
Ion Ratio Lower Upper

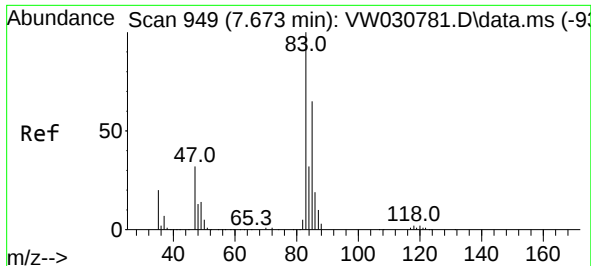
128 100

49 165.5 110.1 204.5

130 125.1 82.9 153.9

51 57.0 37.9 56.9#

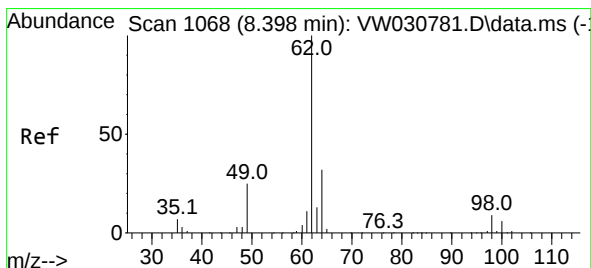
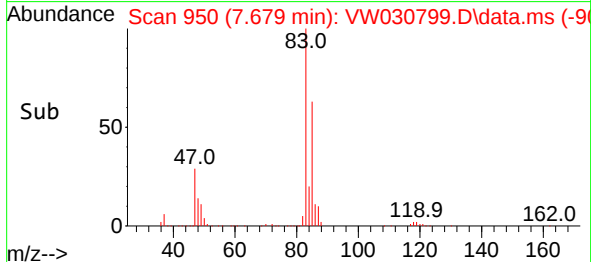
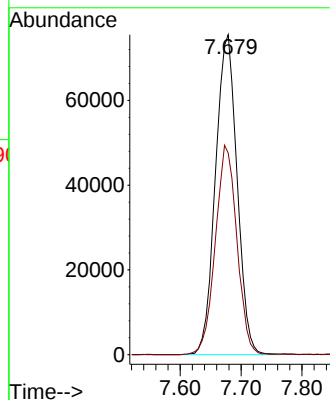
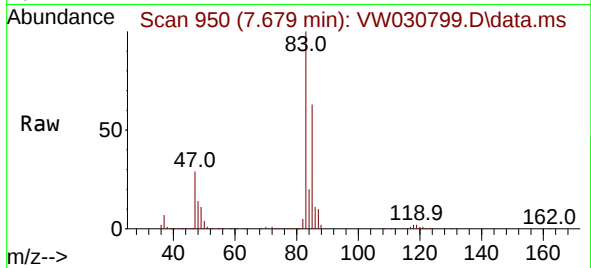




#25
Chloroform
Concen: 31.107 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

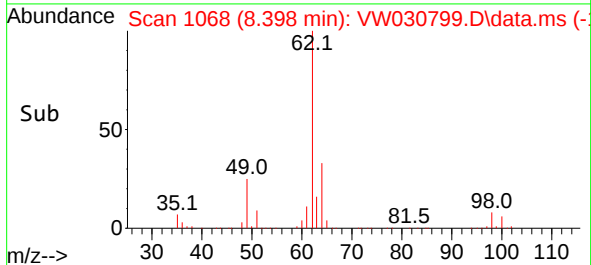
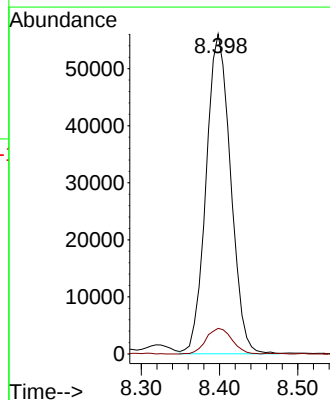
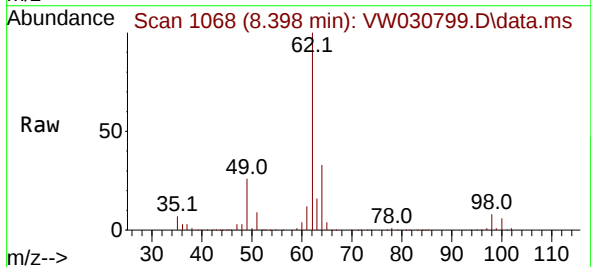
Instrument :
MSVOA_W
ClientSampleId :

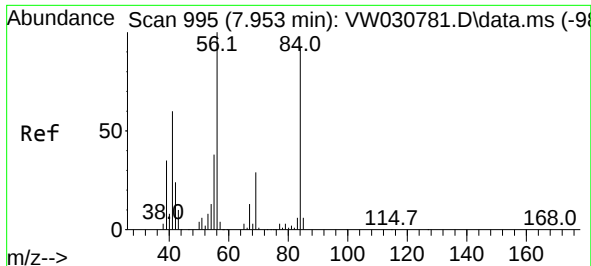
Tgt Ion: 83 Resp: 185945
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 30.903 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

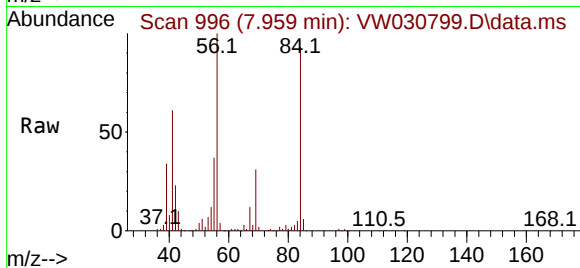
Tgt Ion: 62 Resp: 121867
Ion Ratio Lower Upper
62 100
98 8.0 7.0 10.6



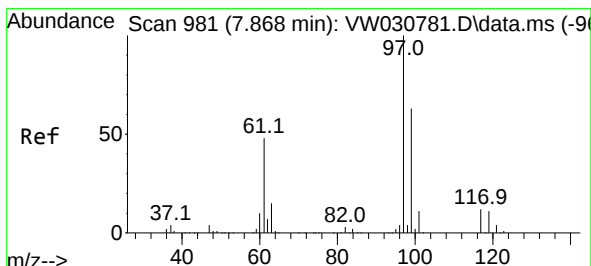
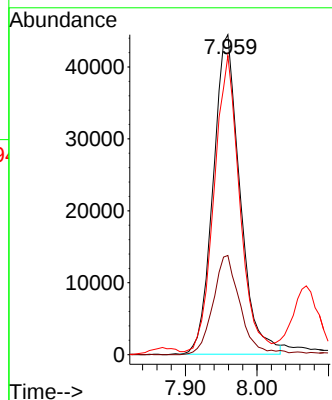
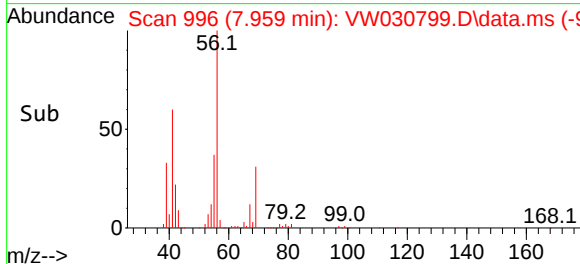


#29
Cyclohexane
Concen: 23.134 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Instrument :
MSVOA_W
ClientSampleId :

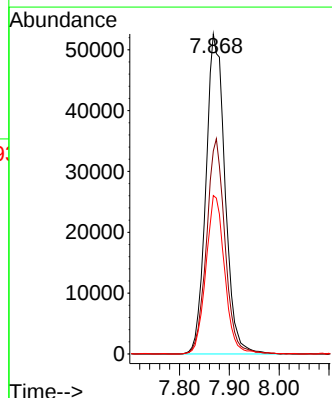
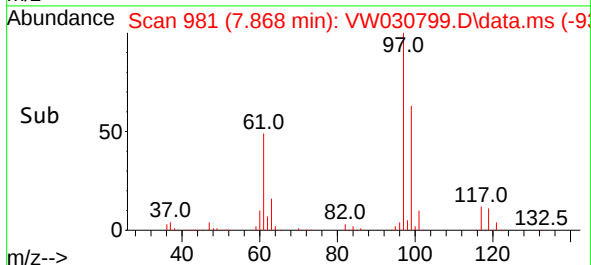
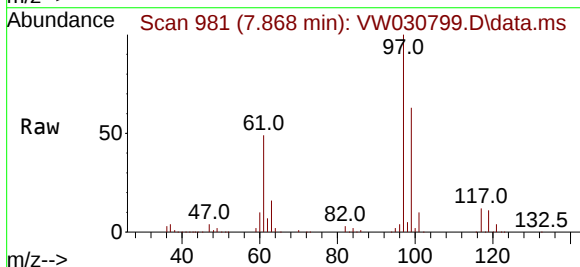


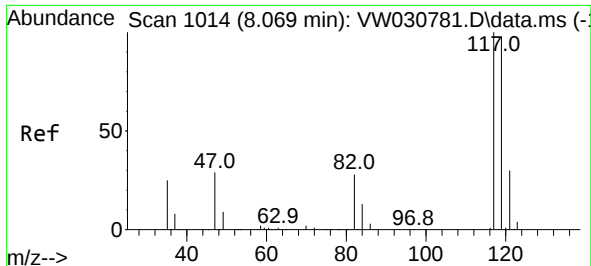
Tgt Ion: 56 Resp: 115751
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.0
84 89.5 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 25.601 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

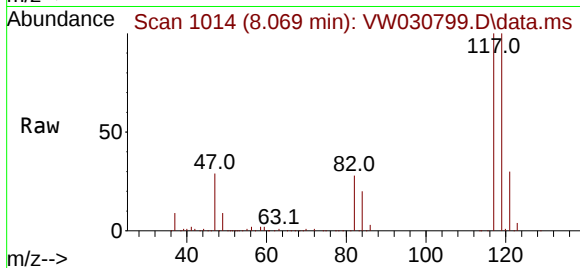
Tgt Ion: 97 Resp: 139692
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 48.8 38.5 57.7



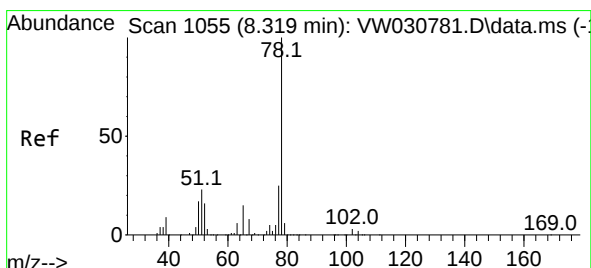
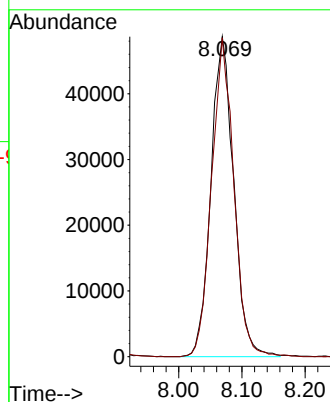
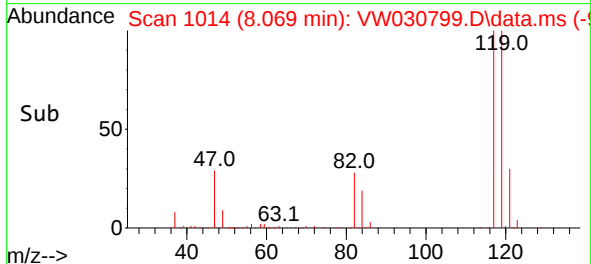


#31
Carbon tetrachloride
Concen: 24.938 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Instrument :
MSVOA_W
ClientSampleId :

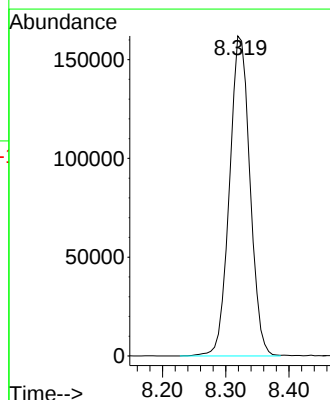
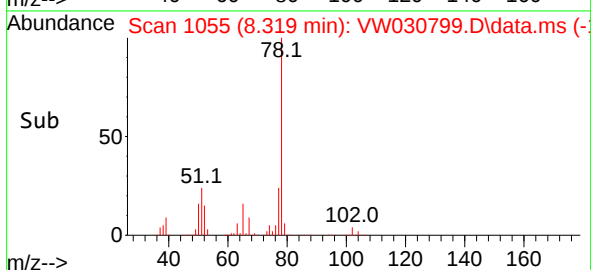
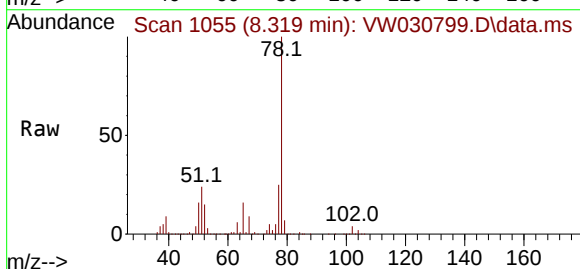


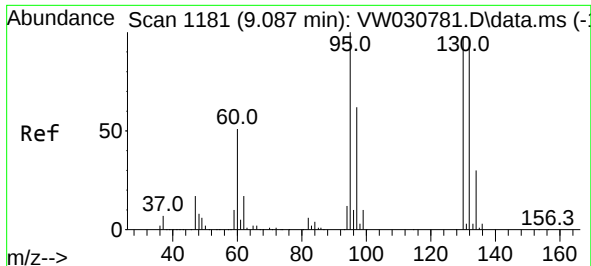
Tgt Ion:117 Resp: 121536
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.8



#33
Benzene
Concen: 27.296 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 78 Resp: 365113

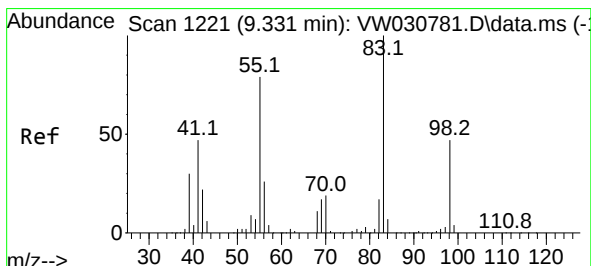
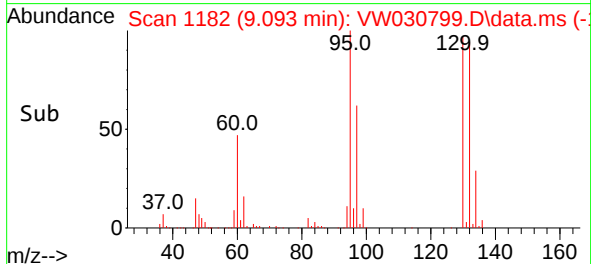
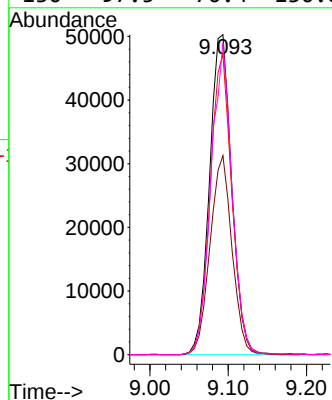
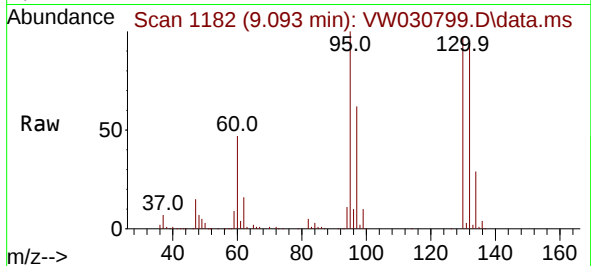




#34
Trichloroethene
Concen: 26.574 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

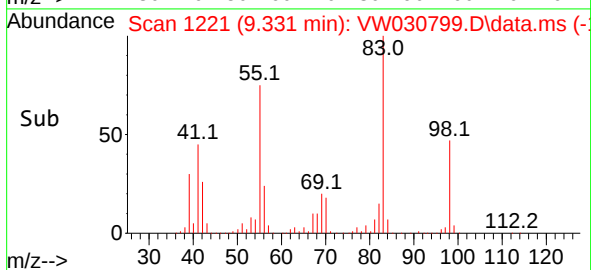
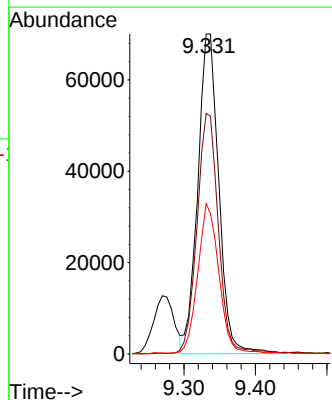
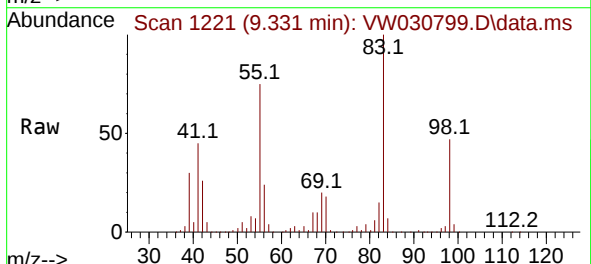
Instrument :
MSVOA_W
ClientSampleId :

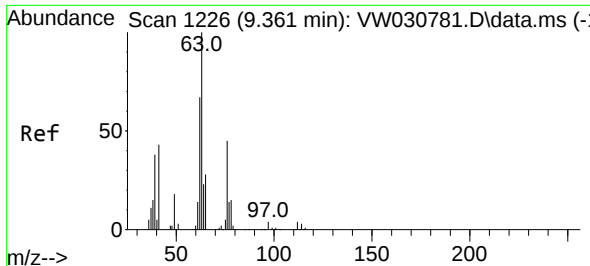
Tgt Ion:	95	Resp:	98891
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.9	85.3
132	93.8	66.4	123.2
130	97.5	70.4	130.8



#35
Methylcyclohexane
Concen: 24.453 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion:	83	Resp:	143208
Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.8	92.8
98	47.2	39.3	58.9





#37

1,2-Dichloropropane

Concen: 29.484 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

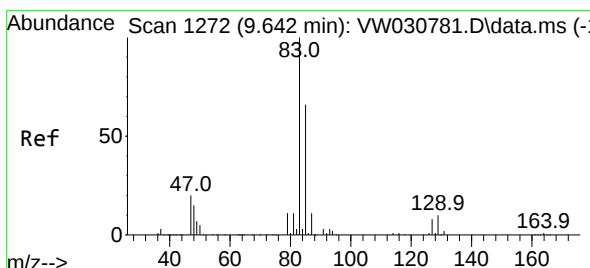
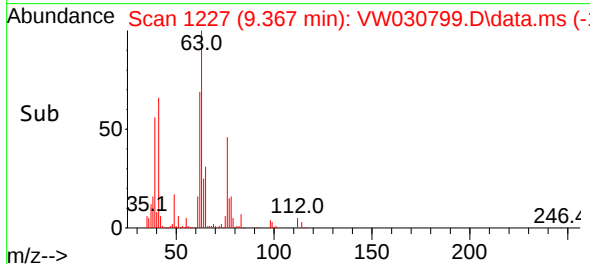
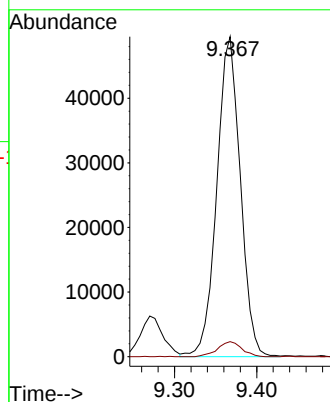
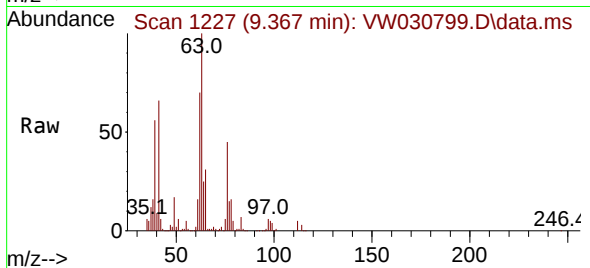
ClientSampleId :

Tgt Ion: 63 Resp: 98500

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 29.574 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

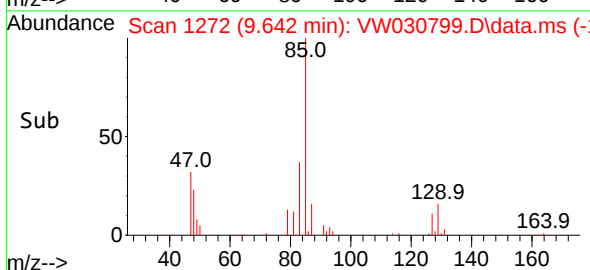
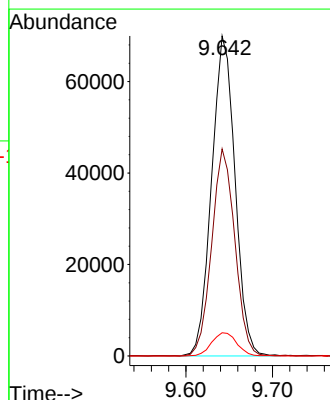
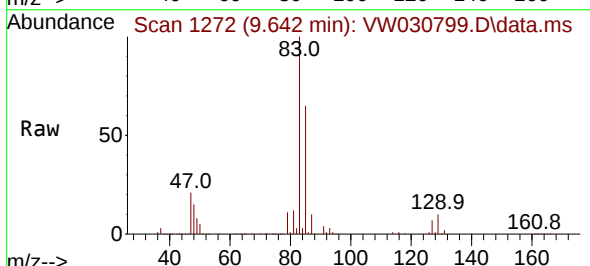
Tgt Ion: 83 Resp: 131449

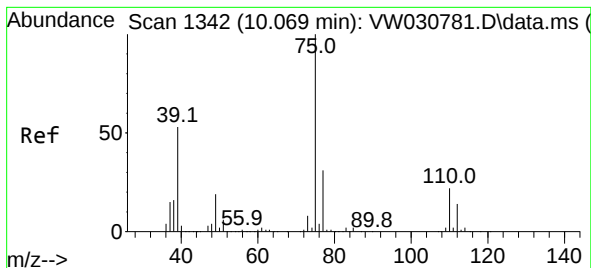
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 7.2 6.2 9.4

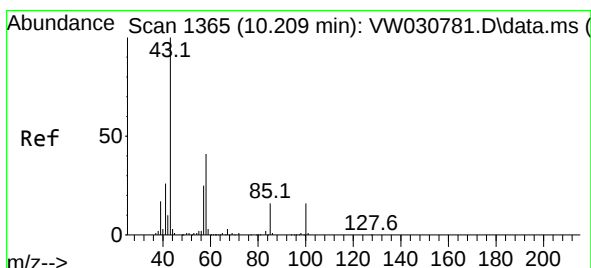
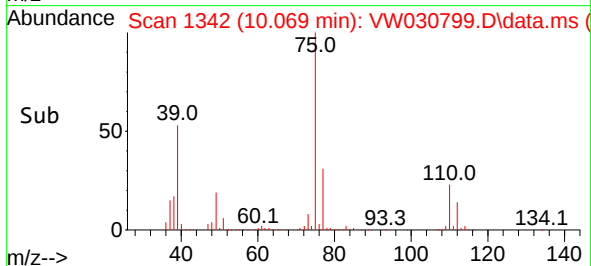
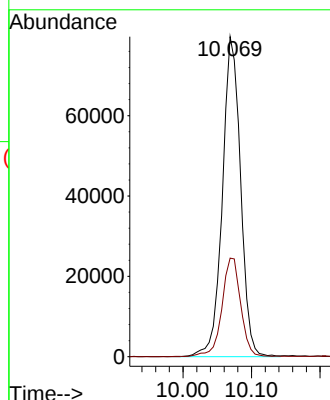
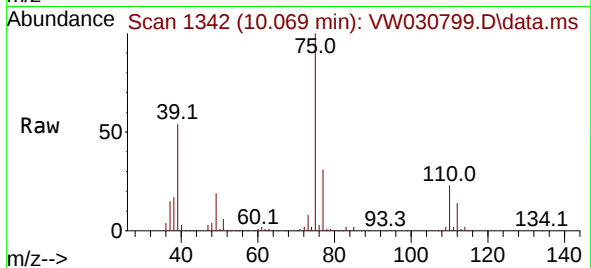




#39
 cis-1,3-Dichloropropene
 Concen: 29.068 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

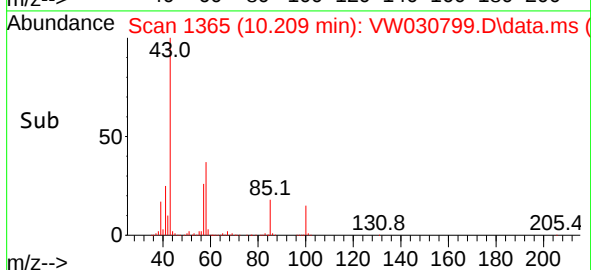
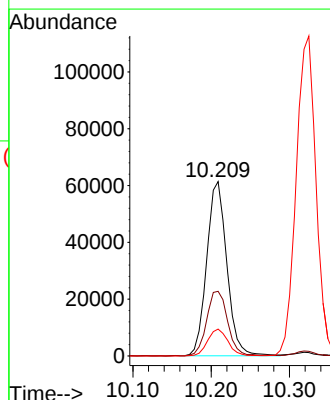
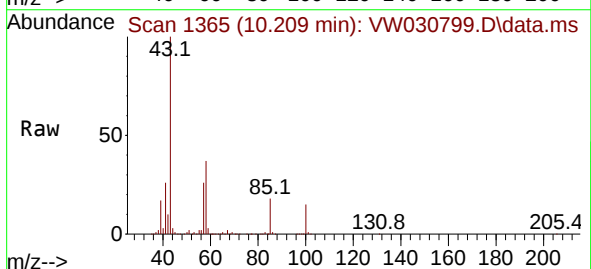
Instrument :
 MSVOA_W
 ClientSampleId :

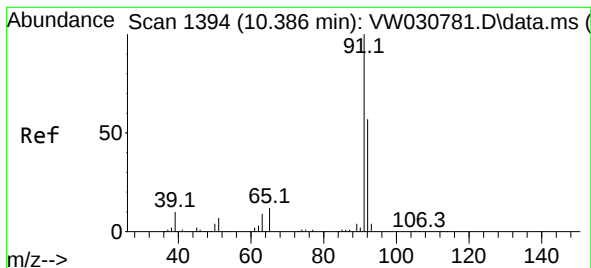
Tgt Ion: 75 Resp: 146479
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 68.196 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

Tgt Ion: 43 Resp: 109451
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.4 47.2
 100 15.7 13.1 19.7





#42

Toluene

Concen: 28.702 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

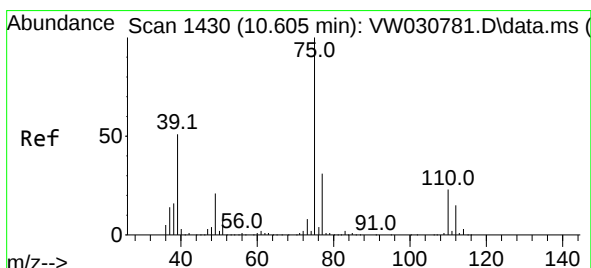
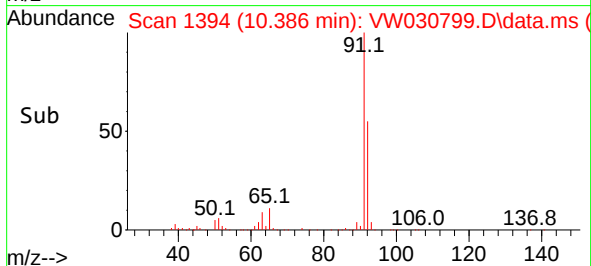
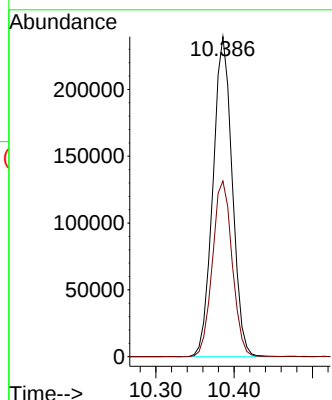
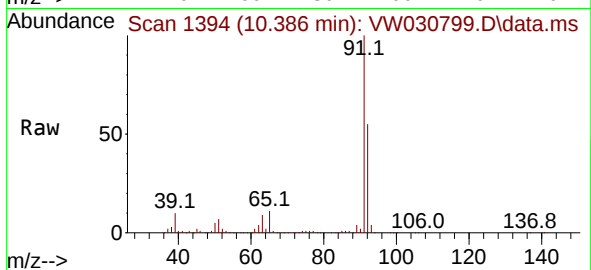
ClientSampleId :

Tgt Ion: 91 Resp: 409592

Ion Ratio Lower Upper

91 100

92 54.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 29.647 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030799.D

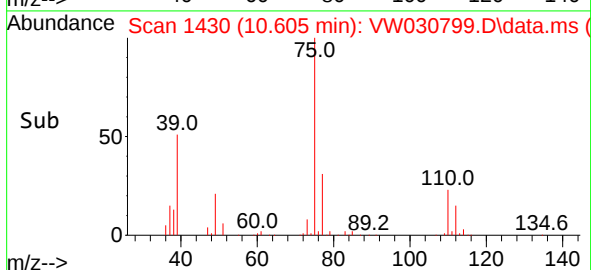
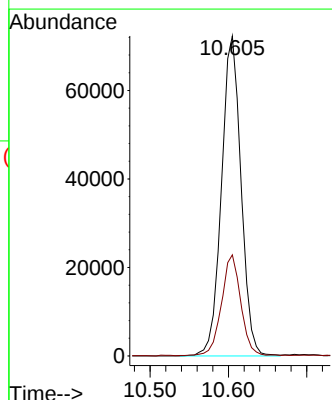
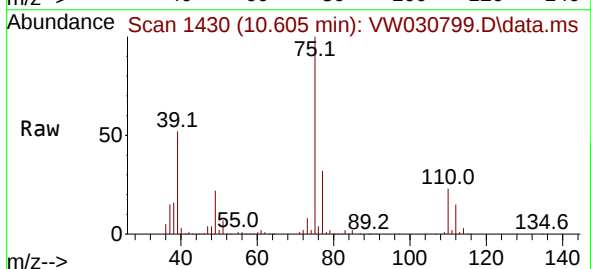
Acq: 28 Oct 2024 20:29

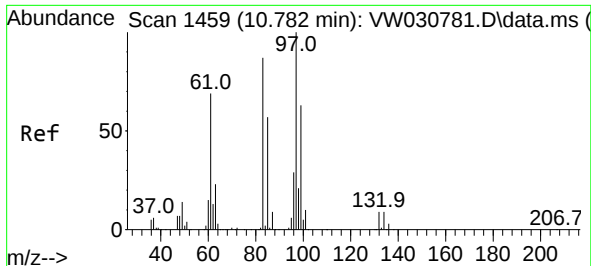
Tgt Ion: 75 Resp: 125540

Ion Ratio Lower Upper

75 100

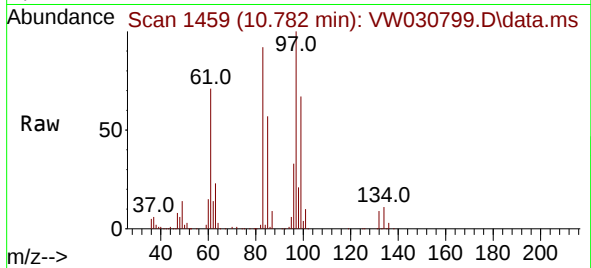
77 31.6 21.6 40.2



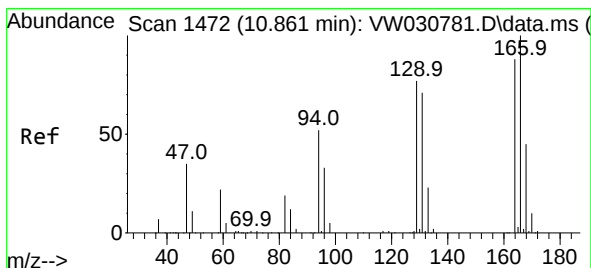
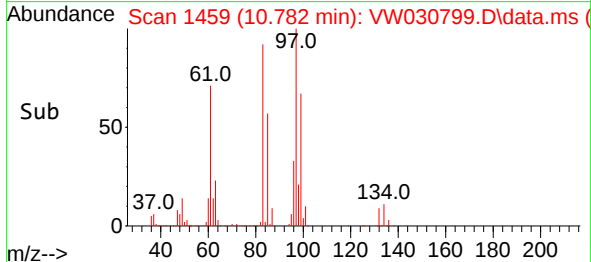
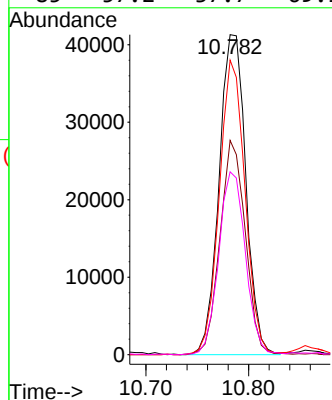


#45
1,1,2-Trichloroethane
Concen: 30.915 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Instrument :
MSVOA_W
ClientSampleId :

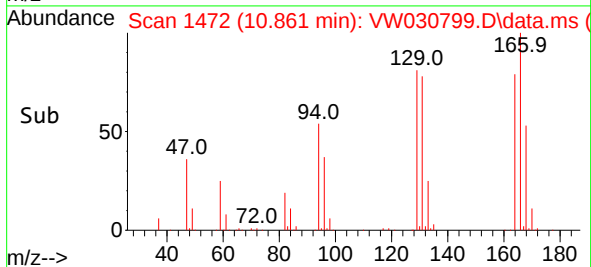
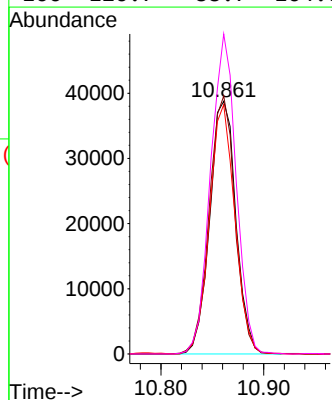
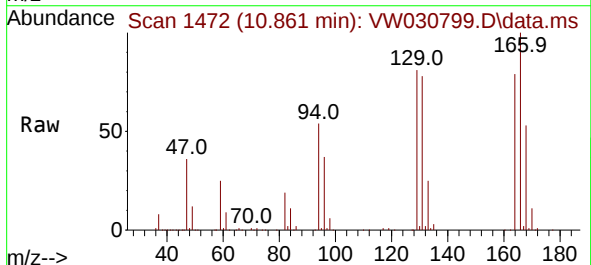


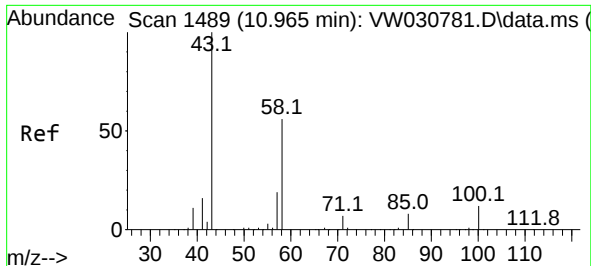
Tgt Ion: 97	Resp: 74644
Ion Ratio	Lower Upper
97 100	
99 67.0	41.2 76.6
83 92.1	59.6 110.6
85 57.2	37.7 69.9



#46
Tetrachloroethene
Concen: 24.883 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt	Ion:164	Resp:	68297
Ion	Ratio	Lower	Upper
164	100		
129	102.2	66.6	123.6
131	98.7	63.7	118.3
166	126.7	88.7	164.7

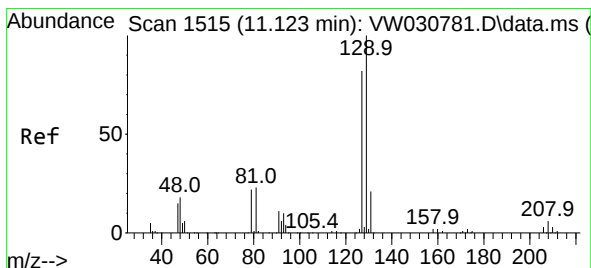
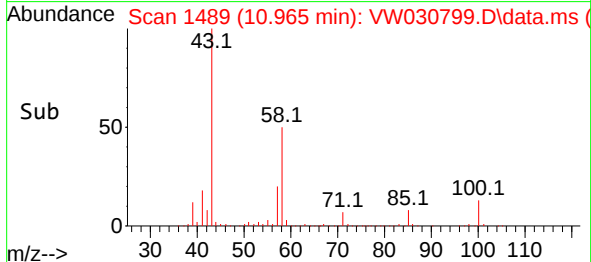
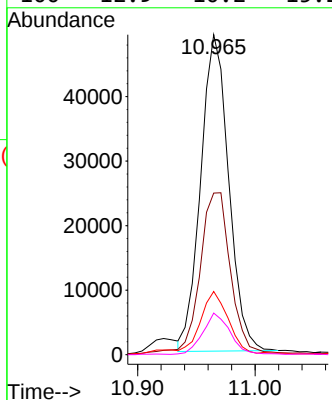
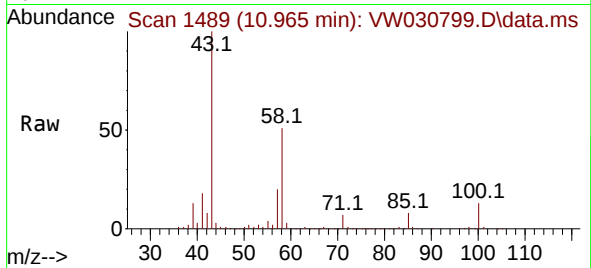




#48
2-Hexanone
Concen: 61.982 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

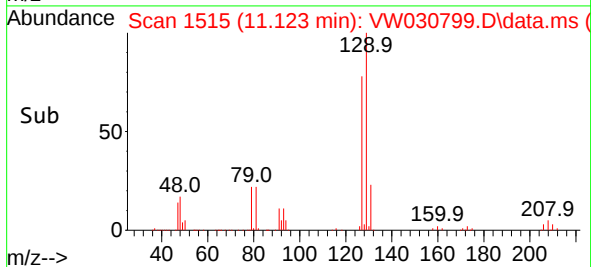
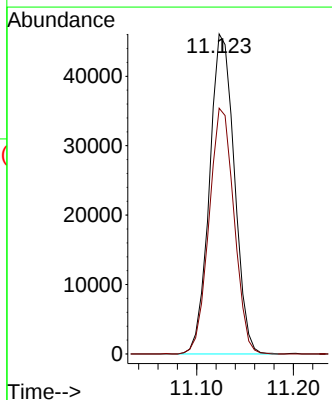
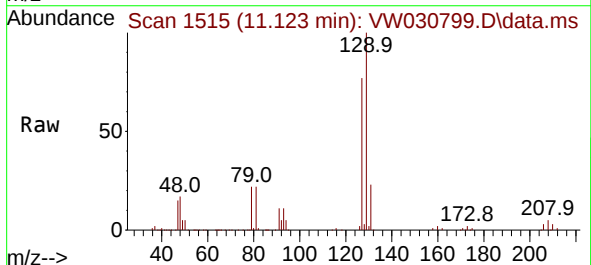
Instrument :
MSVOA_W
ClientSampleId :

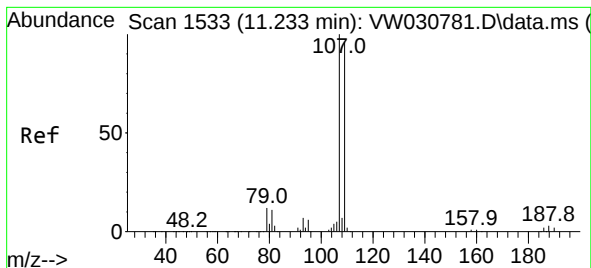
Tgt Ion:	43	Resp:	81351
Ion	Ratio	Lower	Upper
43	100		
58	53.7	44.6	67.0
57	19.9	15.8	23.8
100	12.9	10.2	15.2



#49
Dibromochloromethane
Concen: 30.548 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion:	129	Resp:	82298
Ion	Ratio	Lower	Upper
129	100		
127	76.8	56.5	104.9





#50

1,2-Dibromoethane

Concen: 29.574 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030799.D

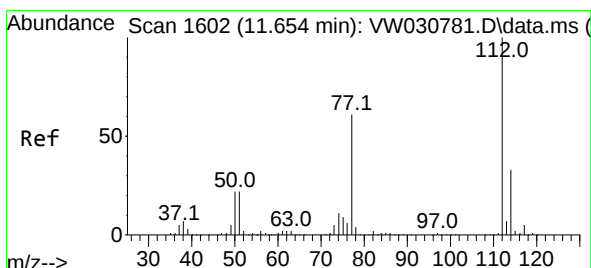
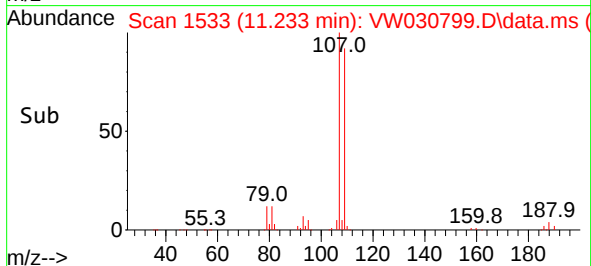
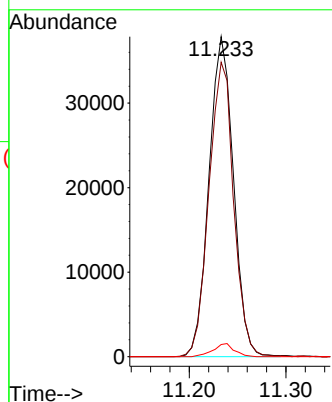
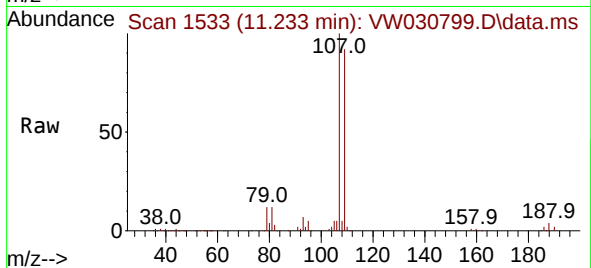
Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	66630
Ion Ratio	Lower	Upper	
107	100		
109	92.0	63.8	118.6
188	3.8	2.6	3.8



#51

Chlorobenzene

Concen: 27.897 ug/L

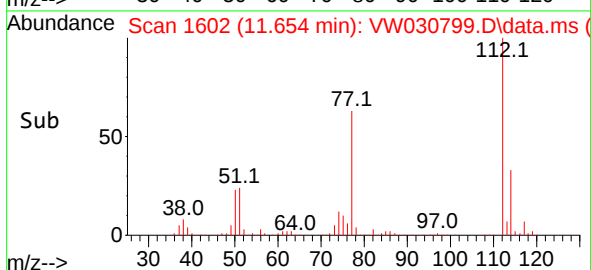
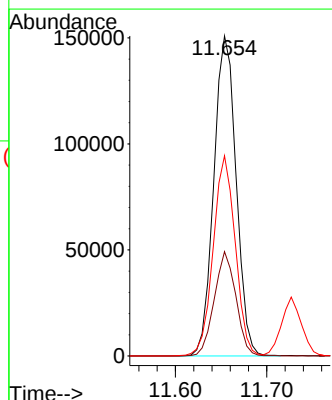
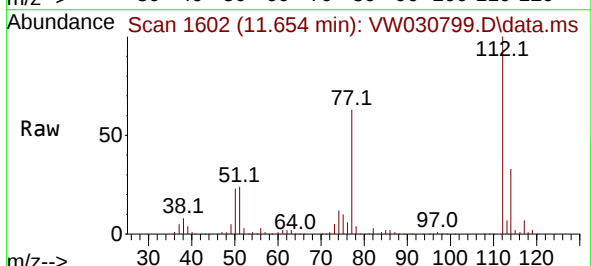
RT: 11.654 min Scan# 1602

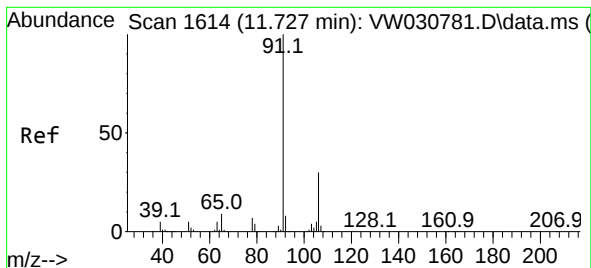
Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Tgt Ion:	112	Resp:	256268
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.4	41.6
77	62.5	47.1	70.7

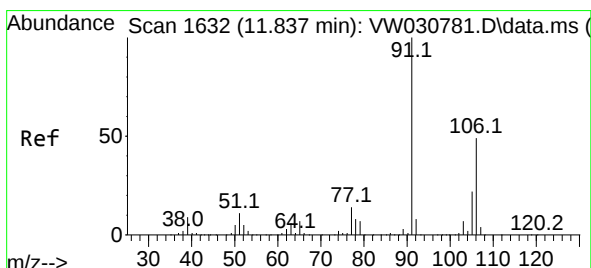
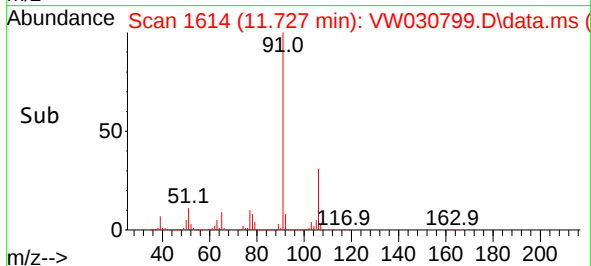
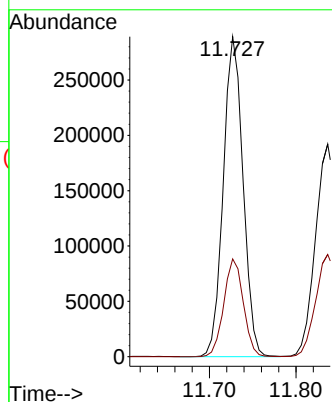
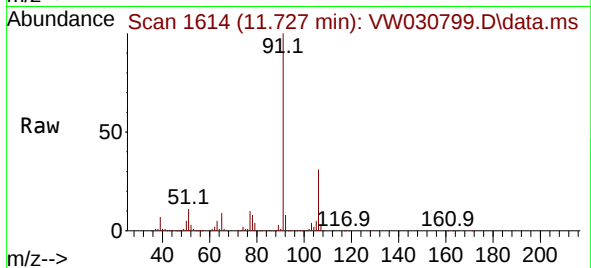




#52
Ethylbenzene
Concen: 28.133 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

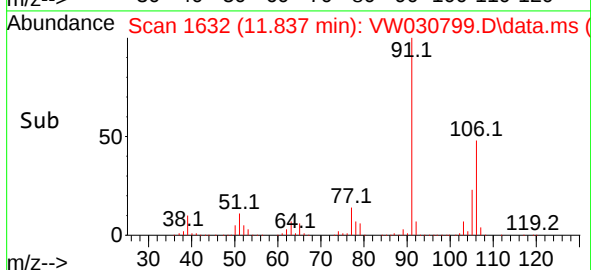
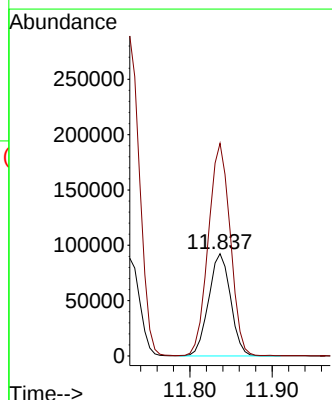
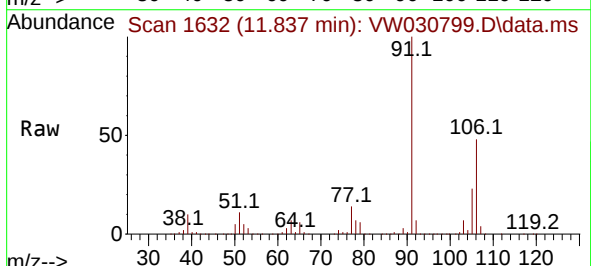
Instrument :
MSVOA_W
ClientSampleId :

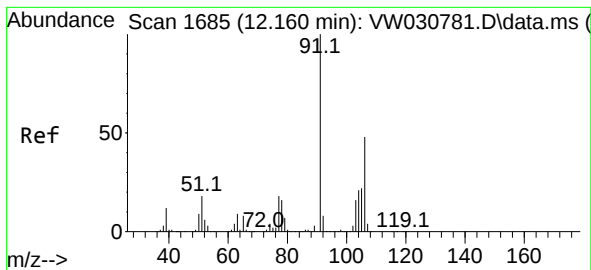
Tgt Ion: 91 Resp: 458102
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 28.099 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 106 Resp: 171420
Ion Ratio Lower Upper
106 100
91 207.9 140.6 261.2





#54

o-Xylene

Concen: 29.195 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

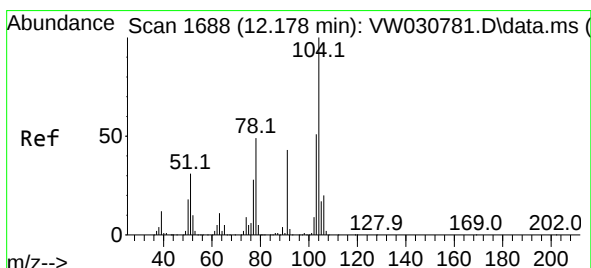
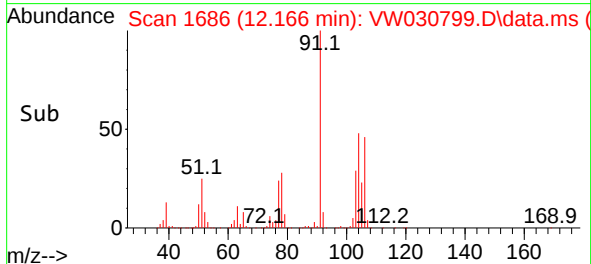
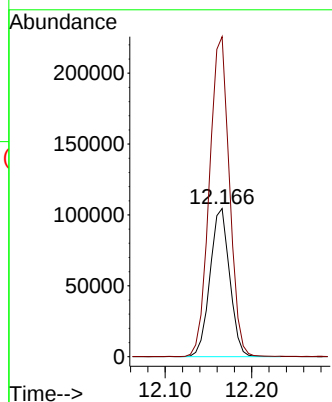
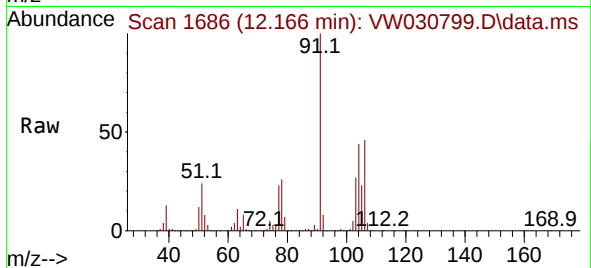
ClientSampleId :

Tgt Ion:106 Resp: 164659

Ion Ratio Lower Upper

106 100

91 215.9 144.5 268.4



#55

Styrene

Concen: 30.434 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030799.D

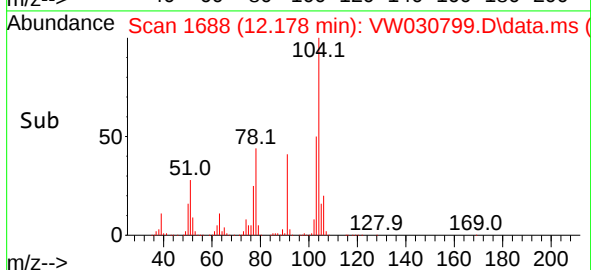
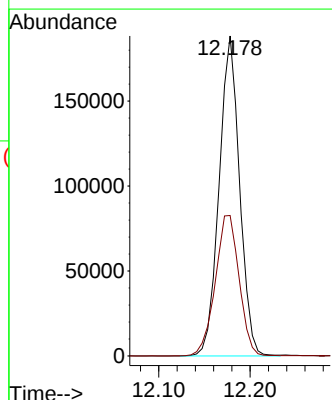
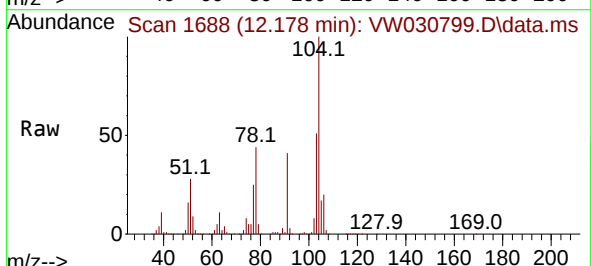
Acq: 28 Oct 2024 20:29

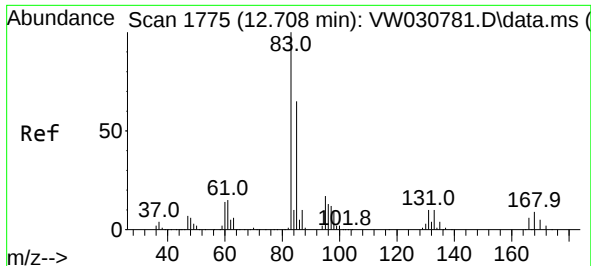
Tgt Ion:104 Resp: 293434

Ion Ratio Lower Upper

104 100

78 43.9 34.3 63.7

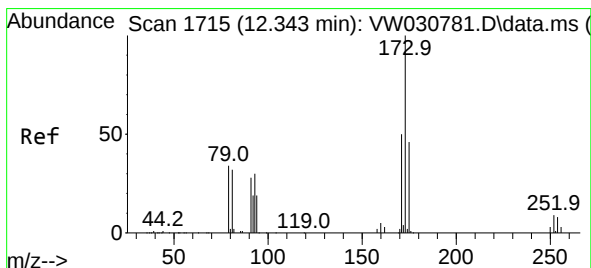
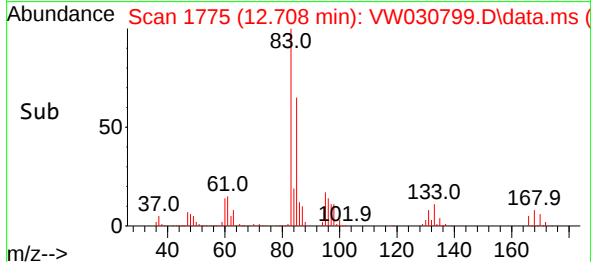
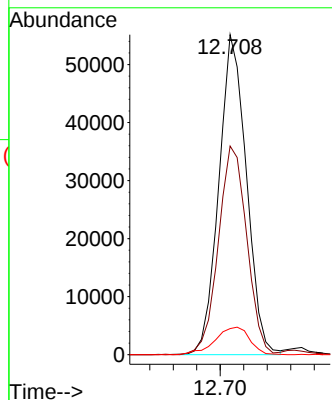
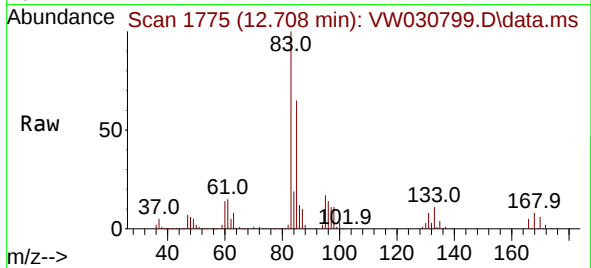




#57
1,1,2,2-Tetrachloroethane
Concen: 32.983 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

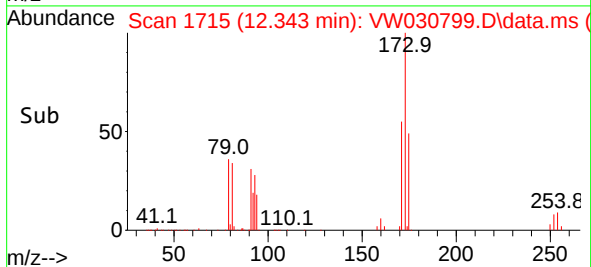
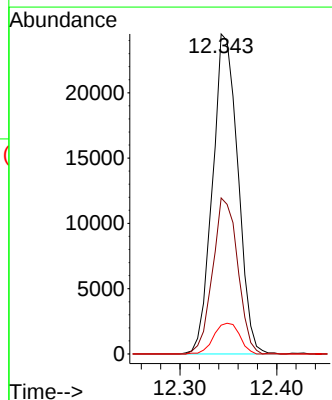
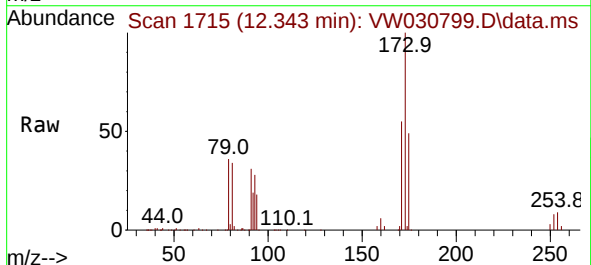
Instrument :
MSVOA_W
ClientSampleId :

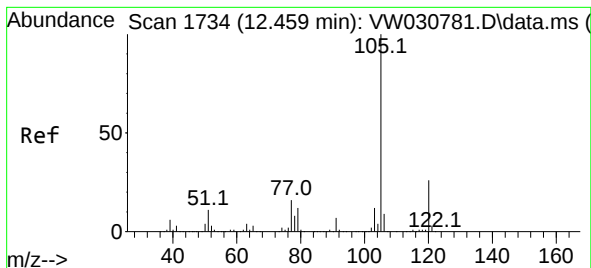
Tgt Ion: 83 Resp: 89807
Ion Ratio Lower Upper
83 100
85 65.2 42.6 79.2
131 8.2 7.4 11.0



#59
Bromoform
Concen: 28.859 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion:173 Resp: 44639
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 9.8 7.7 11.5





#60

Isopropylbenzene

Concen: 27.333 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

ClientSampleId :

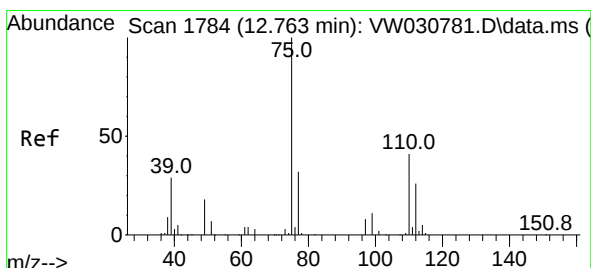
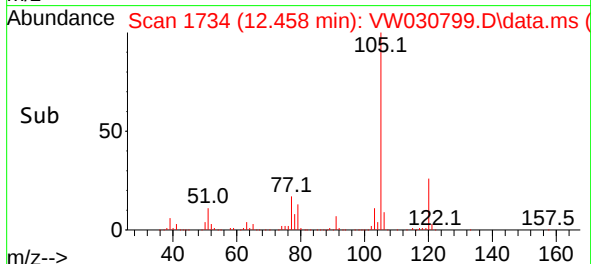
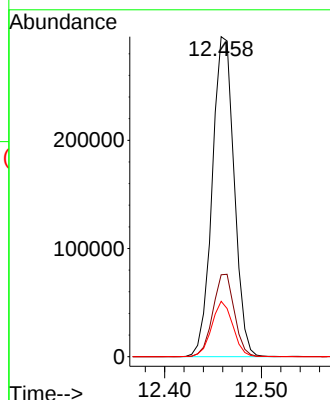
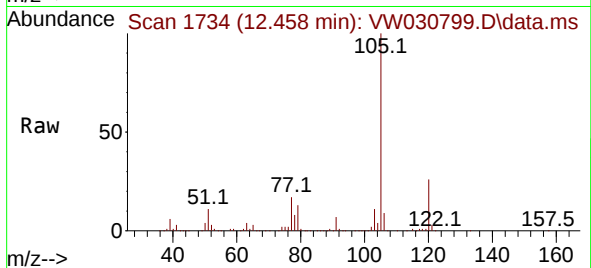
Tgt Ion:105 Resp: 466015

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 28.860 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

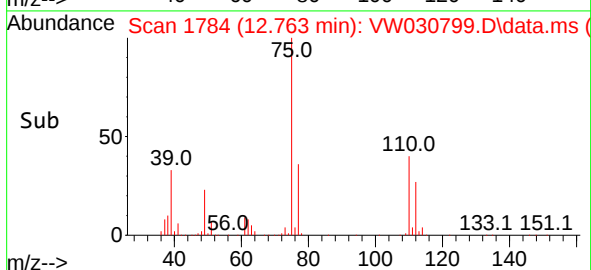
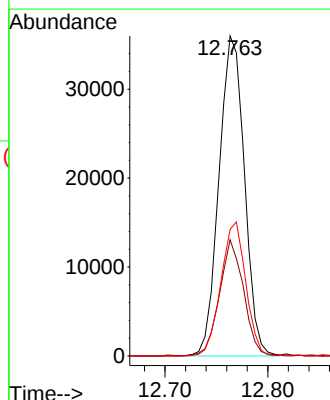
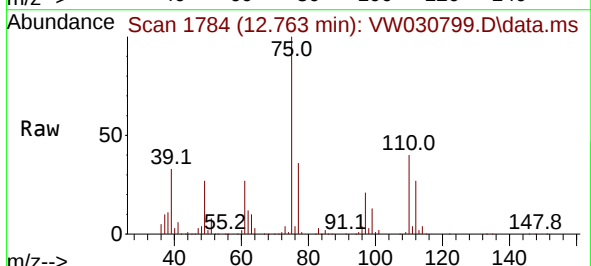
Tgt Ion: 75 Resp: 61828

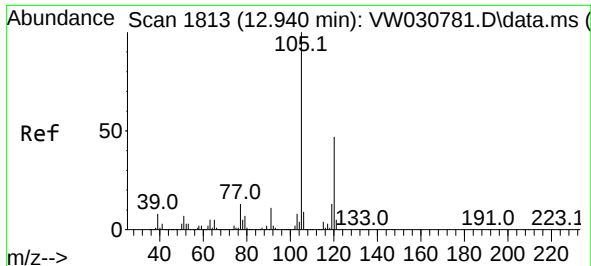
Ion Ratio Lower Upper

75 100

77 34.4 25.7 38.5

110 40.9 32.3 48.5

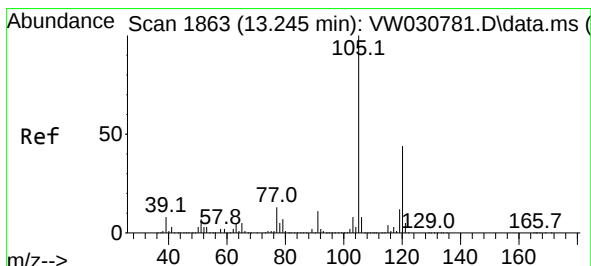
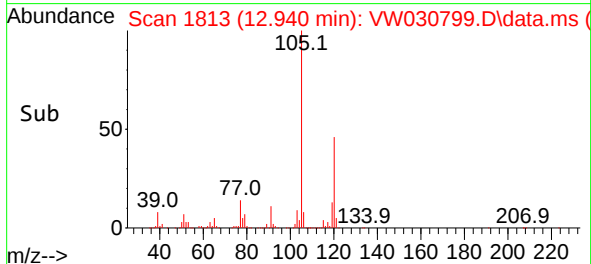
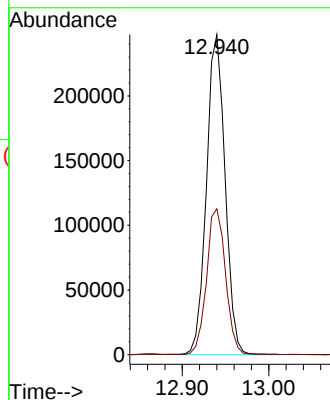
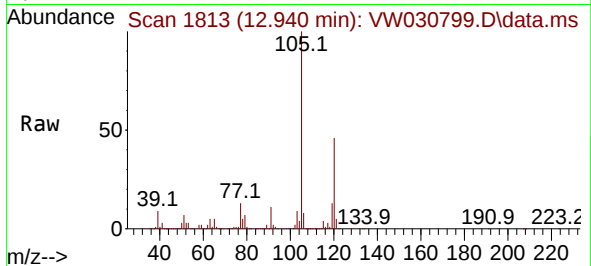




#62
 1,3,5-Trimethylbenzene
 Concen: 27.441 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

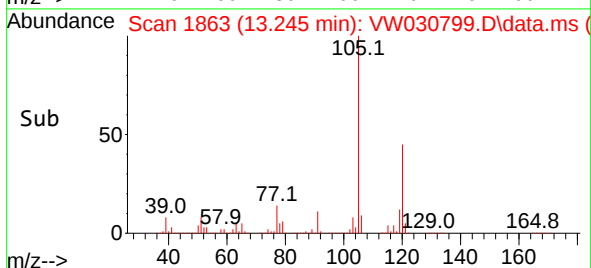
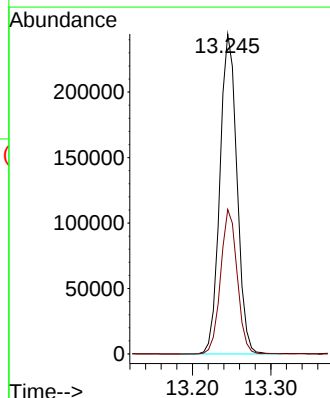
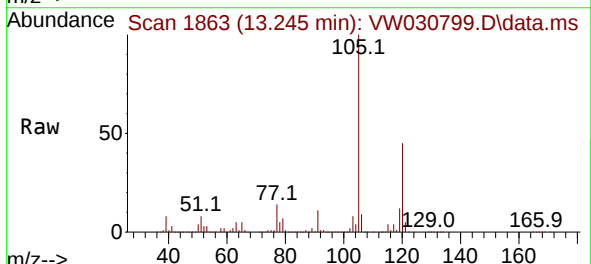
Instrument :
 MSVOA_W
 ClientSampleId :

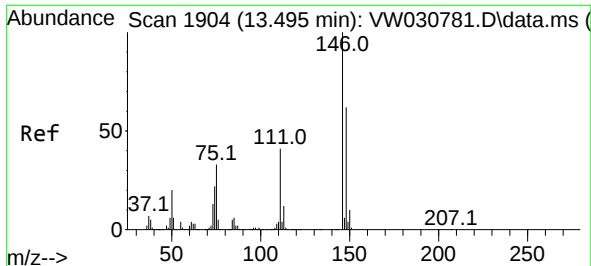
Tgt Ion:105 Resp: 369112
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.171 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW030799.D
 Acq: 28 Oct 2024 20:29

Tgt Ion:105 Resp: 371014
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.8 53.6

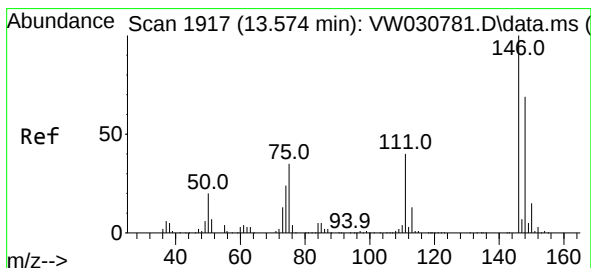
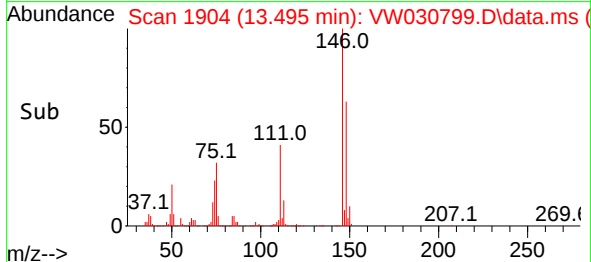
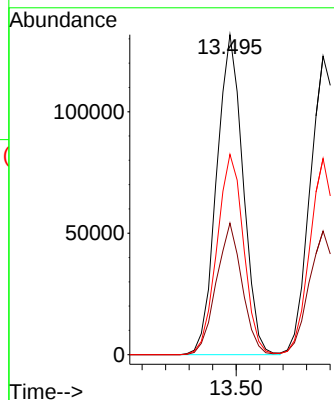
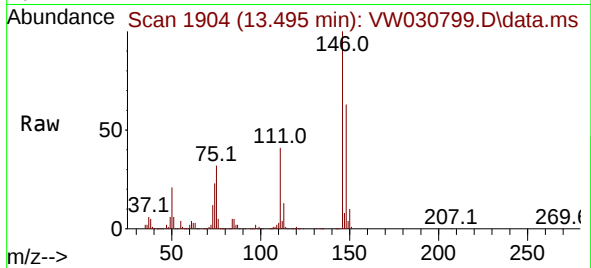




#64
1,3-Dichlorobenzene
Concen: 27.695 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

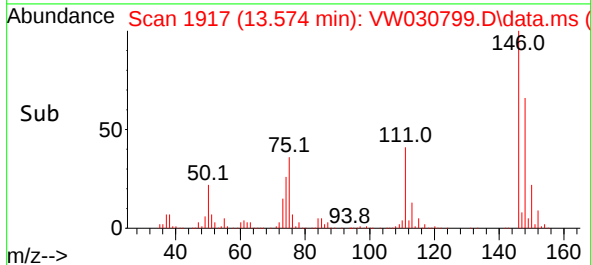
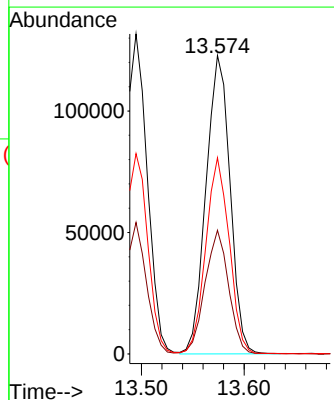
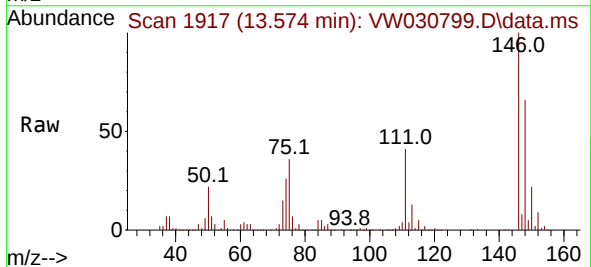
Instrument :
MSVOA_W
ClientSampleId :

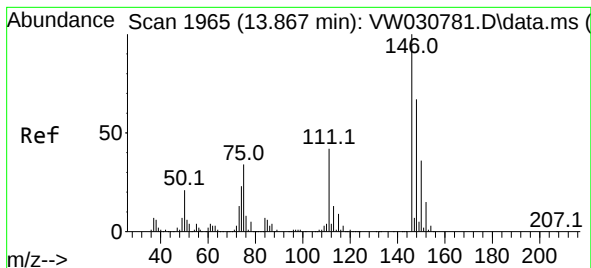
Tgt Ion:146 Resp: 205532
Ion Ratio Lower Upper
146 100
111 41.1 31.2 58.0
148 62.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 26.132 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion:146 Resp: 200249
Ion Ratio Lower Upper
146 100
111 41.4 26.8 49.8
148 65.7 41.0 76.2

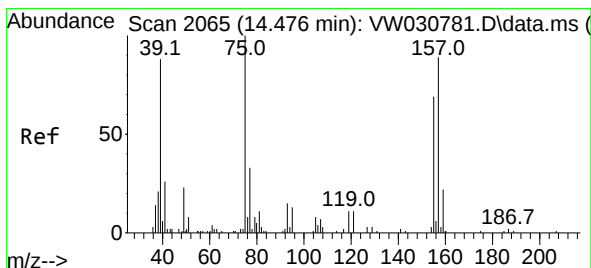
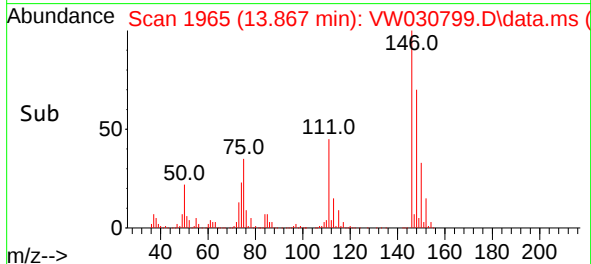
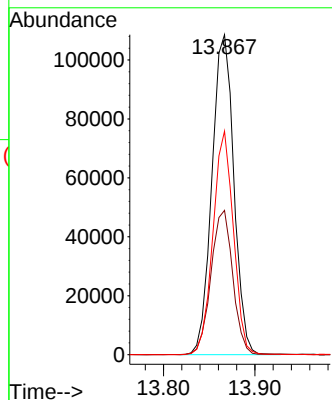
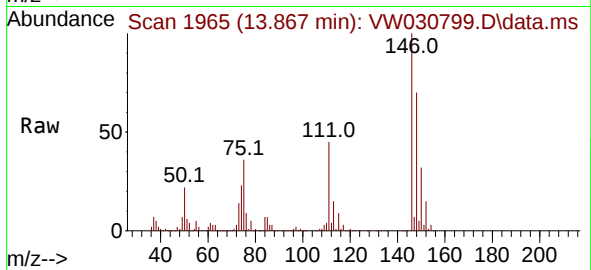




#67
1,2-Dichlorobenzene
Concen: 27.705 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

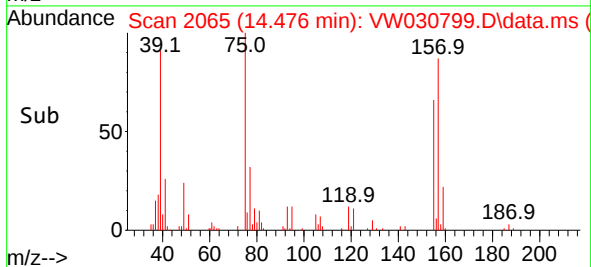
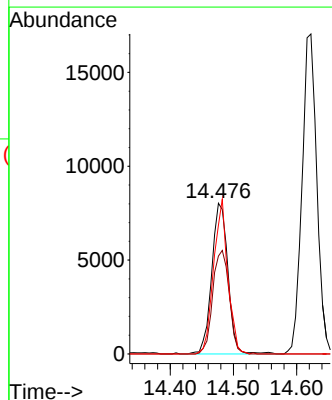
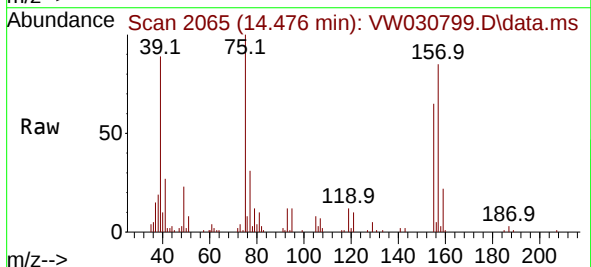
Instrument :
MSVOA_W
ClientSampleId :

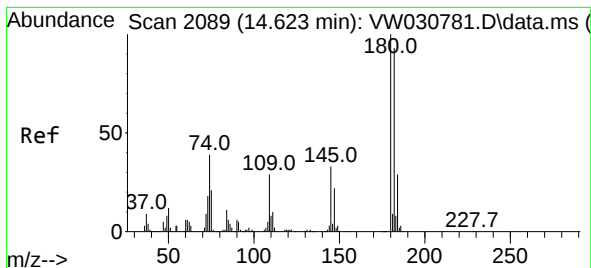
Tgt Ion:146 Resp: 180926
Ion Ratio Lower Upper
146 100
111 45.1 34.6 52.0
148 69.9 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 29.982 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030799.D
Acq: 28 Oct 2024 20:29

Tgt Ion: 75 Resp: 14322
Ion Ratio Lower Upper
75 100
155 64.9 57.9 86.9
157 85.4 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 26.638 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 130365

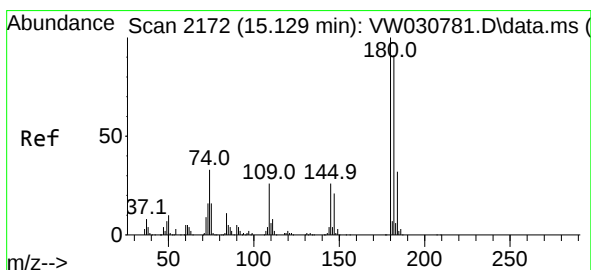
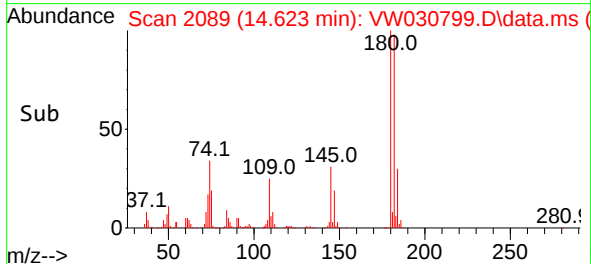
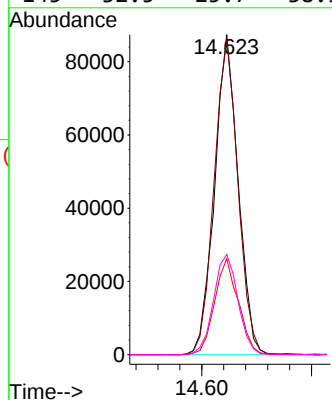
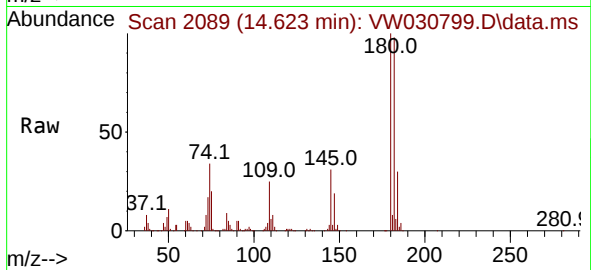
Ion Ratio Lower Upper

180 100

182 99.5 79.9 119.9

184 30.1 25.2 37.8

145 32.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.332 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

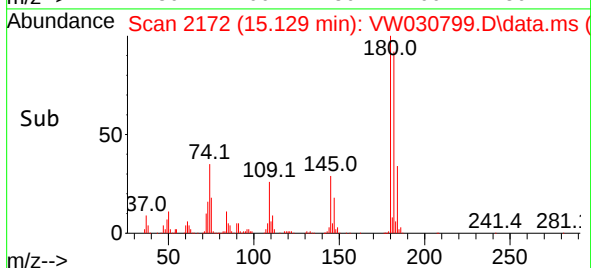
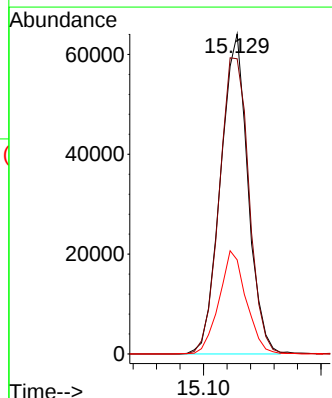
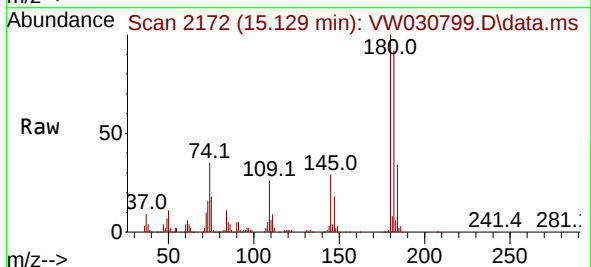
Tgt Ion:180 Resp: 103743

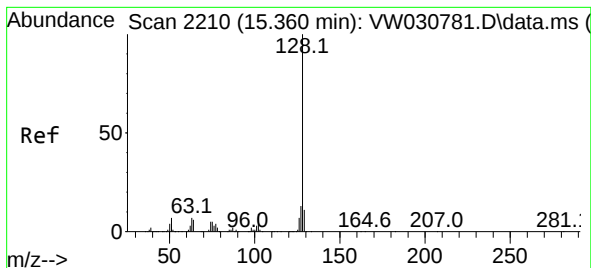
Ion Ratio Lower Upper

180 100

182 100.1 75.2 112.8

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 31.137 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Instrument :

MSVOA_W

ClientSampleId :

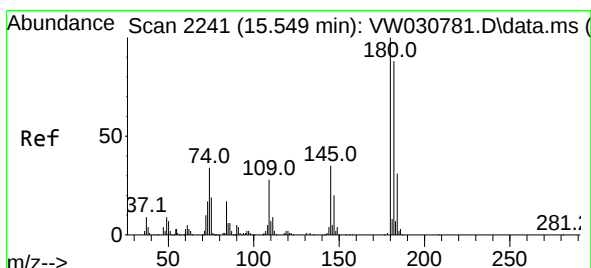
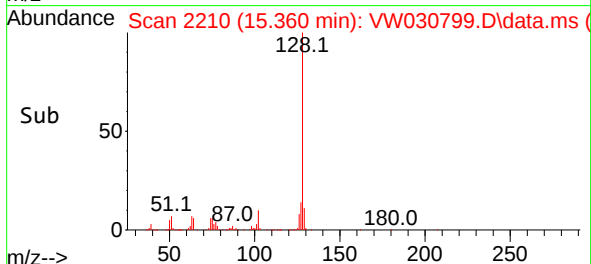
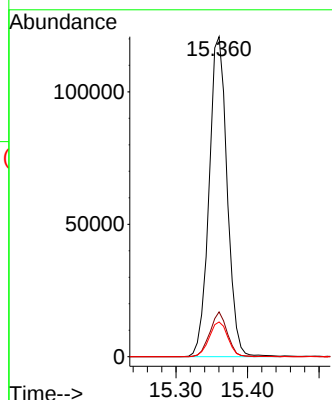
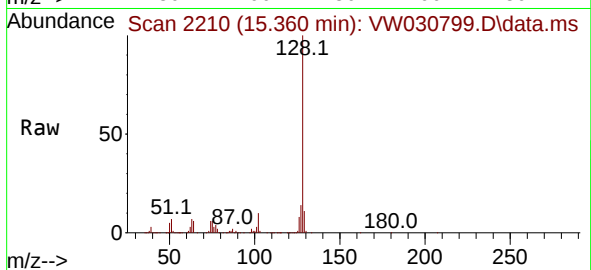
Tgt Ion:128 Resp: 211940

Ion Ratio Lower Upper

128 100

127 13.5 10.9 16.3

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 29.663 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030799.D

Acq: 28 Oct 2024 20:29

Tgt Ion:180 Resp: 101312

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.4

145 32.2 27.4 41.2

