

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081424\
 Data File : VW036929.D
 Acq On : 14 Aug 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 18:34:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	679265	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	646241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	328767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252188	46.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.960%
7) Chloroethane-d5	1.532	69	204993	47.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.820%
11) 1,1-Dichloroethene-d2	2.056	65	107880	46.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.980%
21) 2-Butanone-d5	3.789	46	206557	71.857	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.860%
24) Chloroform-d	4.240	84	466856	47.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
26) 1,2-Dichloroethane-d4	4.934	65	283278	45.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
32) Benzene-d6	4.950	84	904274	46.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
36) 1,2-Dichloropropane-d6	5.982	67	293162	46.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.236	98	806989	45.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.140%
43) trans-1,3-Dichloroprop...	7.548	79	134707	41.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.200%
47) 2-Hexanone-d5	8.024	63	135278	74.715	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	324360	44.861	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	11.554	152	300484	44.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	288813	53.324	ug/L	99
3) Chloromethane	1.217	50	296326	52.279	ug/L	99
5) Vinyl chloride	1.285	62	302047	51.891	ug/L	97
6) Bromomethane	1.487	94	185115	50.511	ug/L	96
8) Chloroethane	1.548	64	186438	51.708	ug/L	99
9) Trichlorofluoromethane	1.712	101	400163	52.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	243435	54.185	ug/L	98
12) 1,1-Dichloroethene	2.069	96	221337	51.584	ug/L	97
13) Acetone	2.111	43	199272	82.855	ug/L	100
14) Carbon disulfide	2.240	76	618128	45.860	ug/L	99
15) Methyl Acetate	2.372	43	214228	43.239	ug/L	98
16) Methylene chloride	2.442	84	252016	52.244	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	229769	51.697	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	753923	48.163	ug/L	99
19) 1,1-Dichloroethane	3.105	63	474048	52.792	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	268783	51.524	ug/L	94
22) 2-Butanone	3.873	43	255762	79.382	ug/L	100
23) Bromochloromethane	4.137	128	130429	51.470	ug/L	94
25) Chloroform	4.269	83	479249	51.963	ug/L	98

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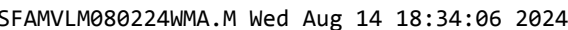
Instrument :
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 ClientSampleId :

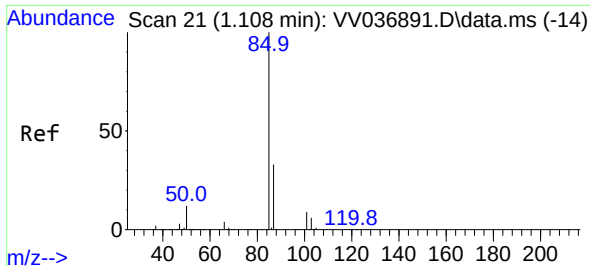
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	356164	48.957	ug/L	99
29) Cyclohexane	4.571	56	399287	48.493	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	403920	49.610	ug/L	99
31) Carbon tetrachloride	4.725	117	339608	49.667	ug/L	100
33) Benzene	5.002	78	1000993	51.787	ug/L	100
34) Trichloroethene	5.825	95	277739	49.580	ug/L	99
35) Methylcyclohexane	6.043	83	421657	49.053	ug/L	99
37) 1,2-Dichloropropane	6.085	63	269903	52.711	ug/L	100
38) Bromodichloromethane	6.426	83	347722	49.314	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	438656	50.021	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	522415	82.361	ug/L	99
42) Toluene	7.307	91	1058095	51.394	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	389781	47.699	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	247892	49.991	ug/L	99
46) Tetrachloroethene	7.899	164	188889	51.406	ug/L	99
48) 2-Hexanone	8.072	43	364898	78.197	ug/L	98
49) Dibromochloromethane	8.172	129	251268	49.309	ug/L	98
50) 1,2-Dibromoethane	8.278	107	254020	49.373	ug/L	99
51) Chlorobenzene	8.809	112	684949	51.851	ug/L	99
52) Ethylbenzene	8.940	91	1208424	51.406	ug/L	99
53) m,p-Xylene	9.066	106	441834	50.283	ug/L	98
54) o-Xylene	9.471	106	435310	50.651	ug/L	100
55) Styrene	9.490	104	757484	51.431	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	329400	49.231	ug/L	100
59) Bromoform	9.661	173	156920	43.144	ug/L	99
60) Isopropylbenzene	9.860	105	1193341	49.858	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	265387	44.841	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	984473	49.404	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	976712	48.964	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	529469	51.441	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	540225	51.614	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	512615	50.995	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	63361	37.047	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	372029	50.933	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	343521	49.036	ug/L	99
71) Naphthalene	13.432	128	944295	42.035	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	334823	48.827	ug/L	99

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

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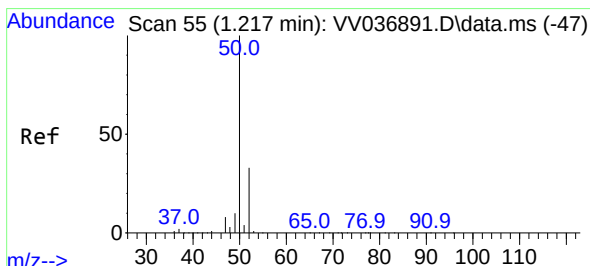
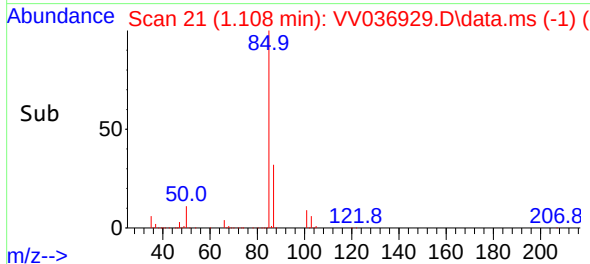
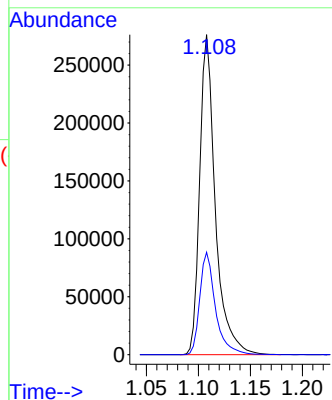
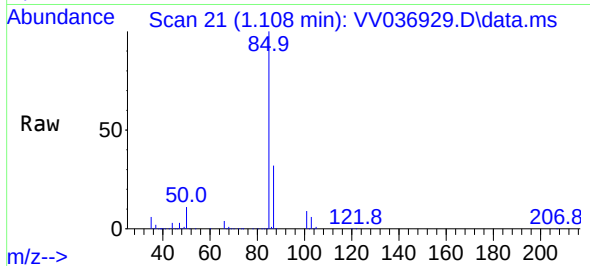




#2
 Dichlorodifluoromethane
 Concen: 53.324 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036929.D
 Acq: 14 Aug 2024 08:56

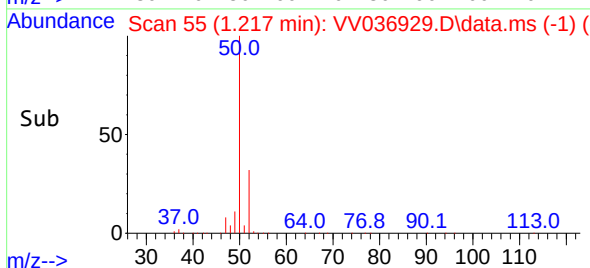
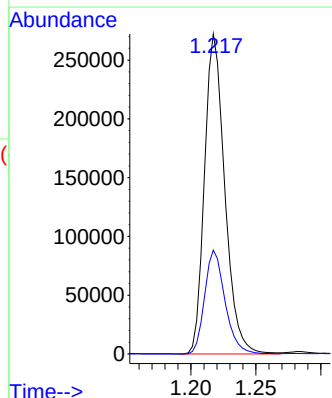
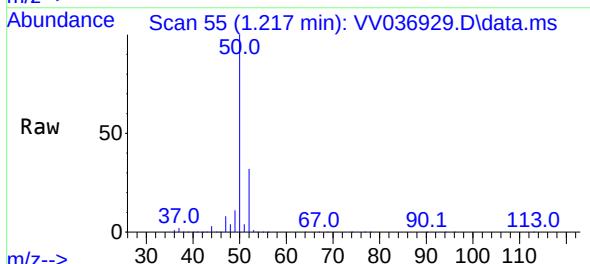
Instrument :
 MSVOA_V
 ClientSampleId :

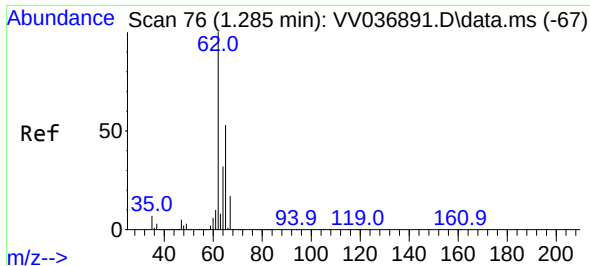
Tgt Ion: 85 Resp: 288813
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 52.279 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036929.D
 Acq: 14 Aug 2024 08:56

Tgt Ion: 50 Resp: 296326
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8

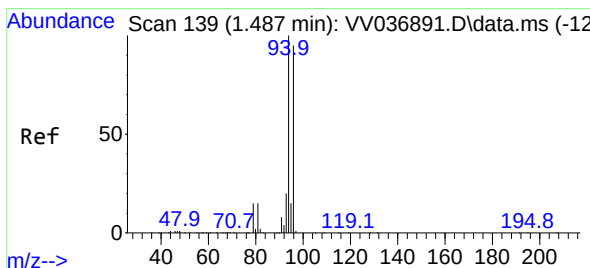
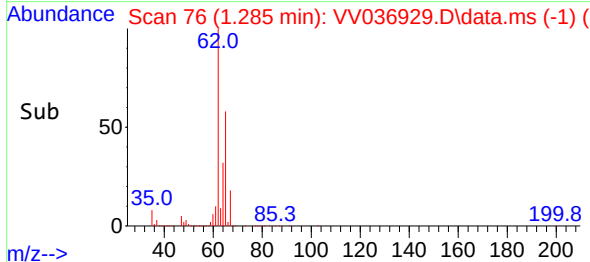
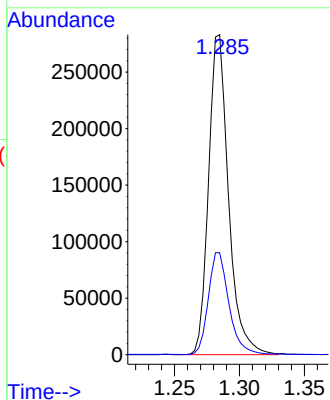
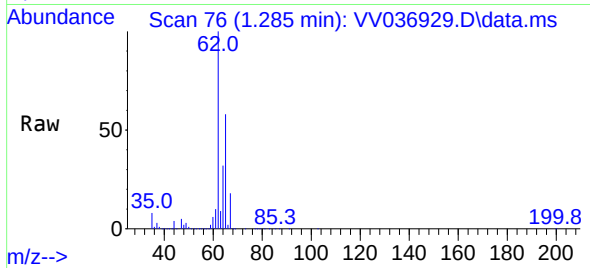




#5
 Vinyl chloride
 Concen: 51.891 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV036929.D
 Acq: 14 Aug 2024 08:56

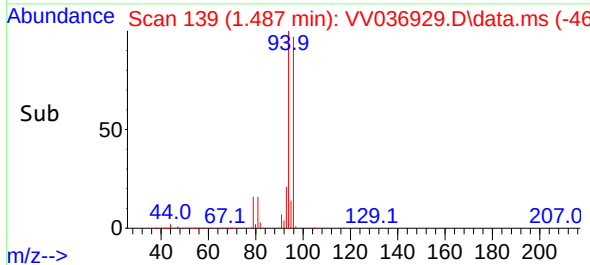
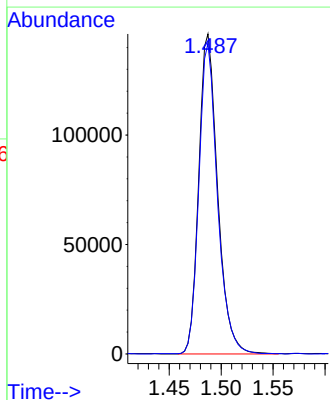
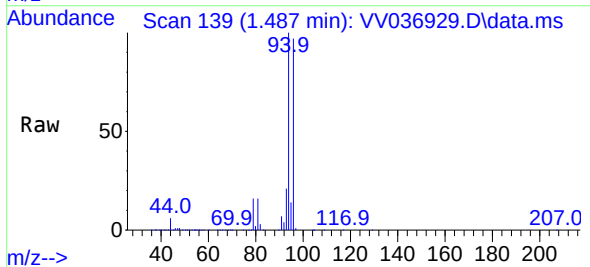
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 ClientSampleId :

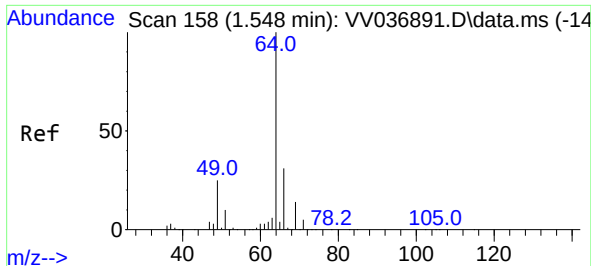
Tgt Ion: 62 Resp: 302047
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.6 43.8



#6
 Bromomethane
 Concen: 50.511 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV036929.D
 Acq: 14 Aug 2024 08:56

Tgt Ion: 94 Resp: 185115
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.5 121.7

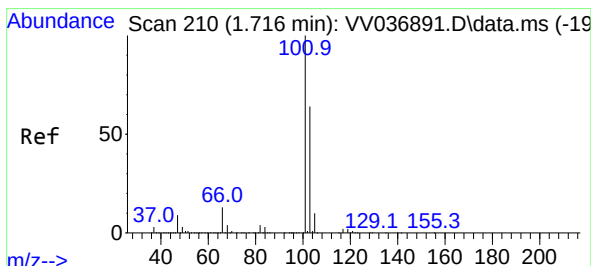
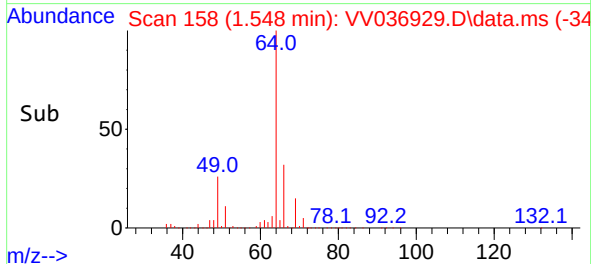
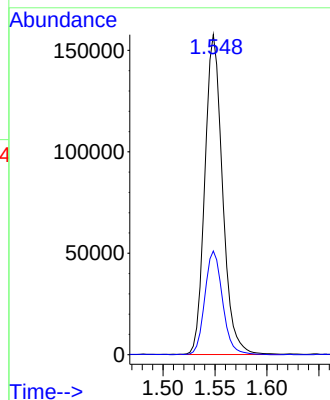
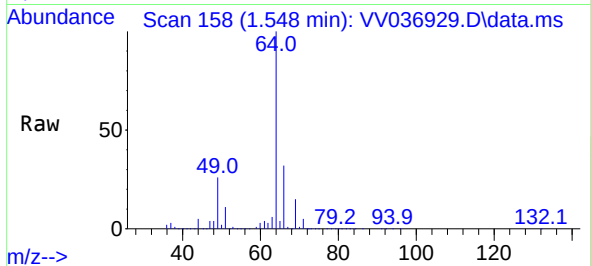




#8
Chloroethane
Concen: 51.708 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

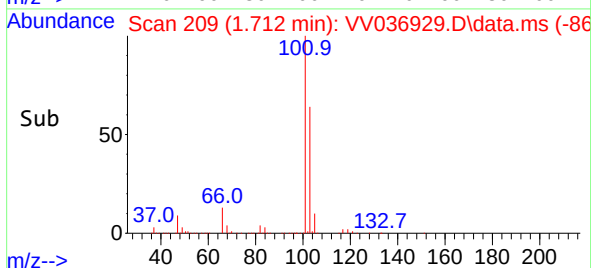
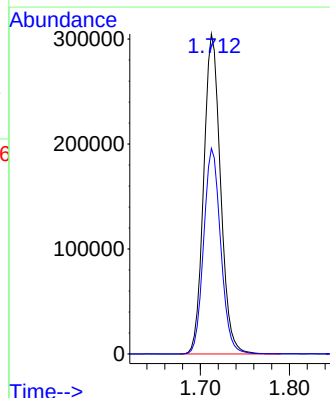
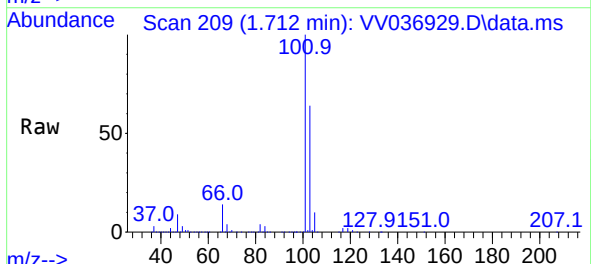
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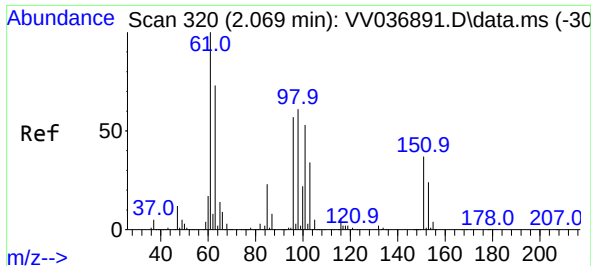
Tgt Ion: 64 Resp: 186438
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 52.484 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion:101 Resp: 400163
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

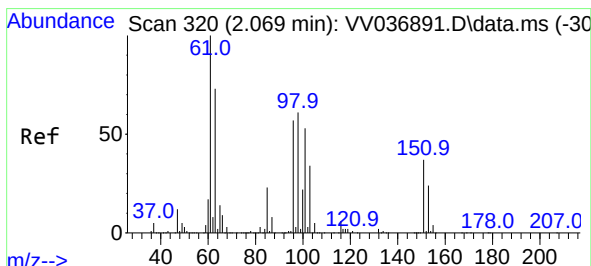
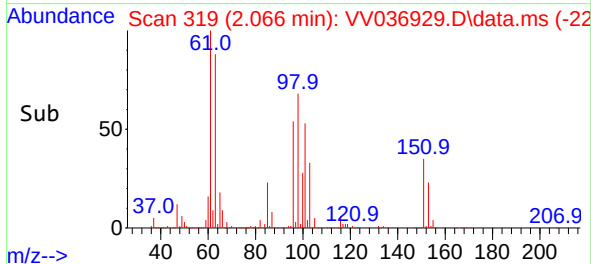
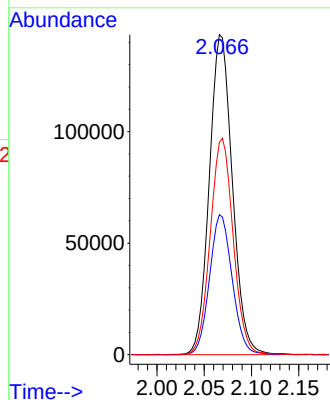
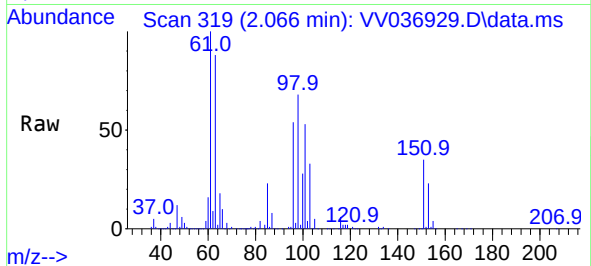




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.185 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

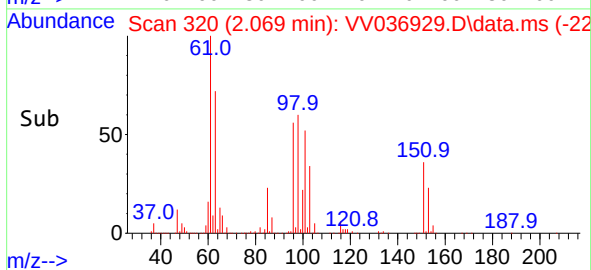
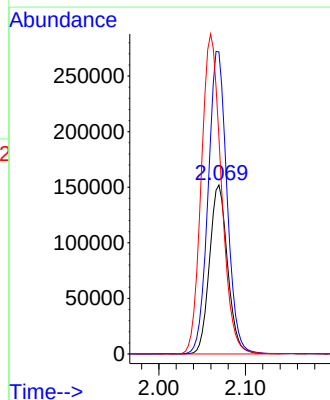
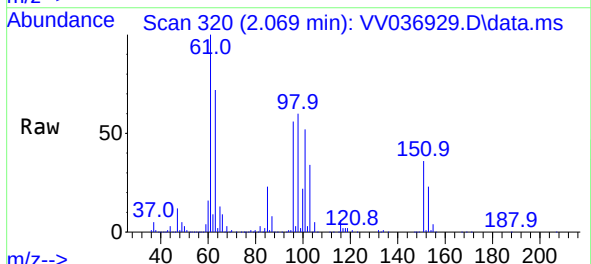
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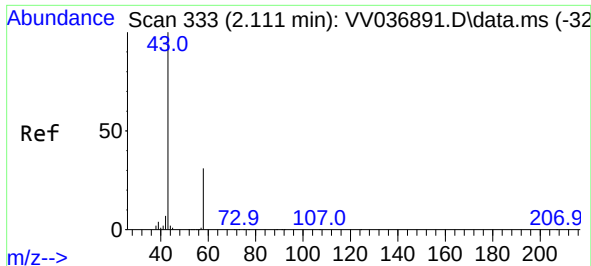
Tgt Ion:101 Resp: 243435
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 67.5 55.9 83.9



#12
1,1-Dichloroethene
Concen: 51.584 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 96 Resp: 221337
Ion Ratio Lower Upper
96 100
61 178.8 125.6 233.2
63 128.3 95.1 176.7





#13

Acetone

Concen: 82.855 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

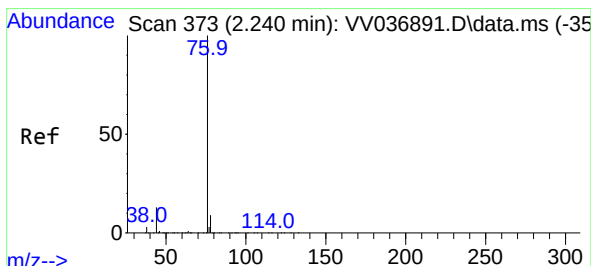
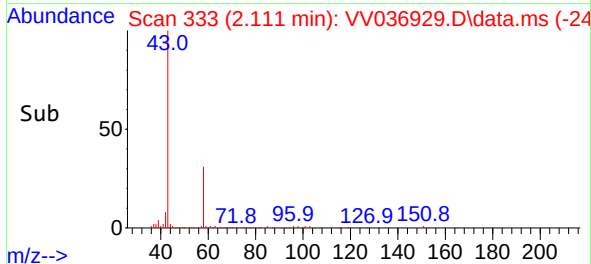
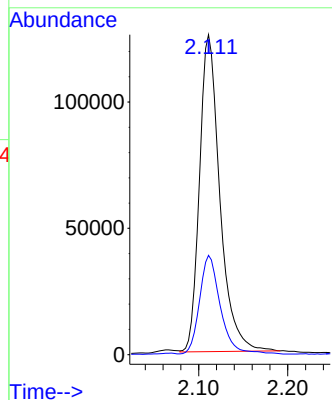
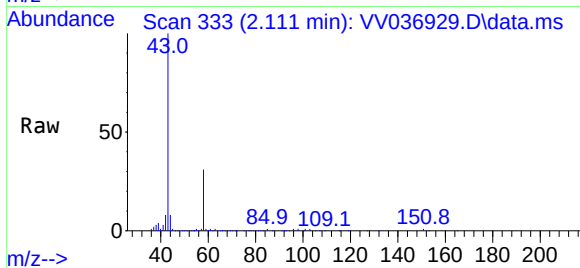
ClientSampleId :

Tgt Ion: 43 Resp: 199272

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.4



#14

Carbon disulfide

Concen: 45.860 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV036929.D

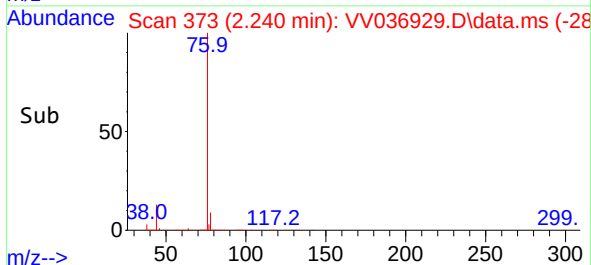
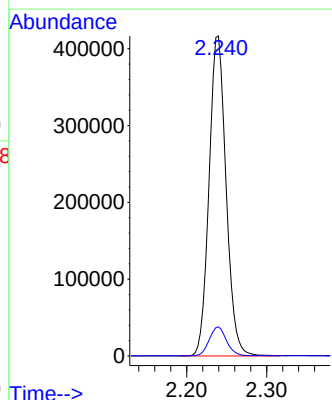
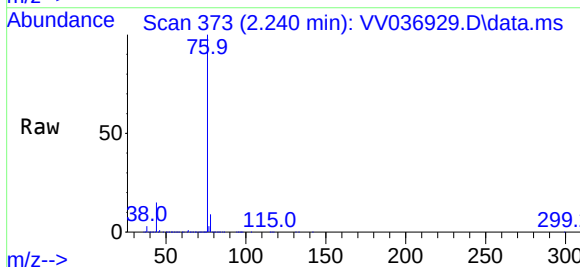
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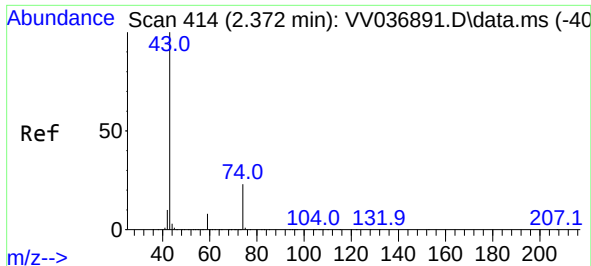
Tgt Ion: 76 Resp: 618128

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

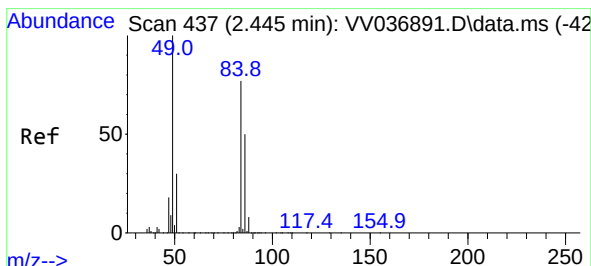
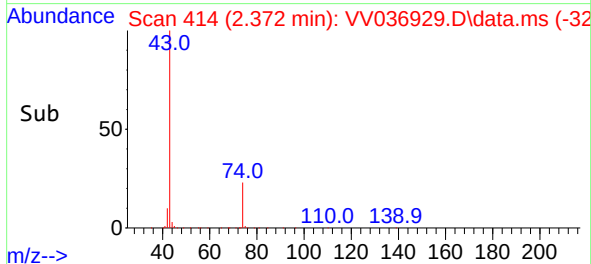
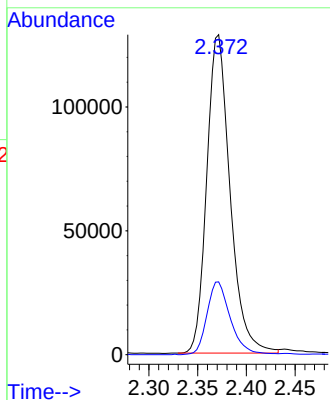
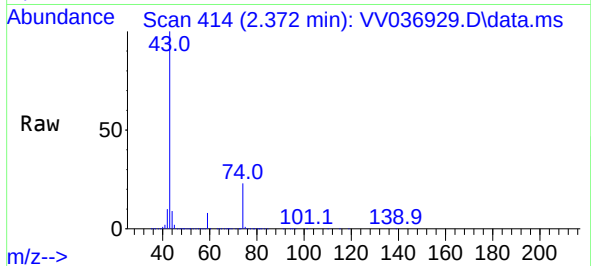




#15
Methyl Acetate
Concen: 43.239 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

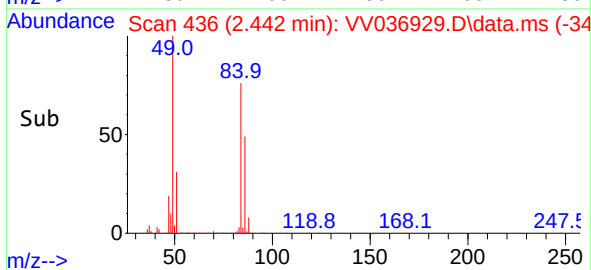
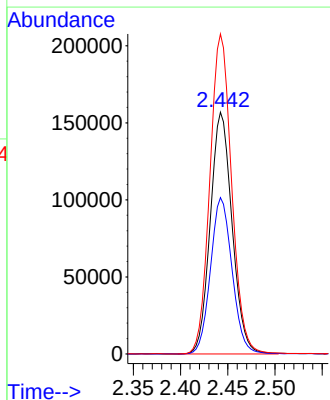
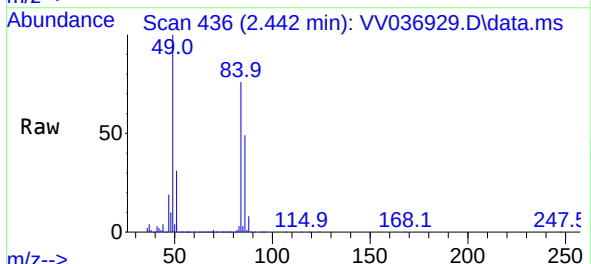
Instrument :
MSVOA_V
ClientSampleId :

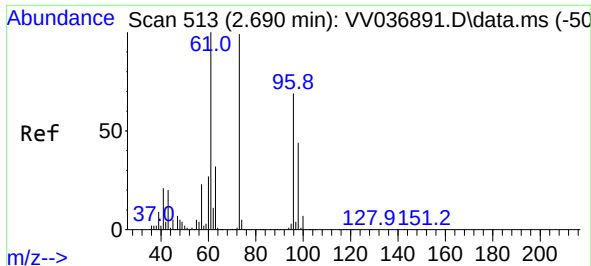
Tgt Ion: 43 Resp: 214228
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4



#16
Methylene chloride
Concen: 52.244 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

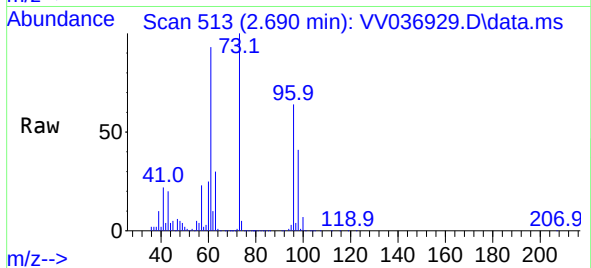
Tgt Ion: 84 Resp: 252016
Ion Ratio Lower Upper
84 100
86 64.6 44.3 82.3
49 132.4 91.1 169.1





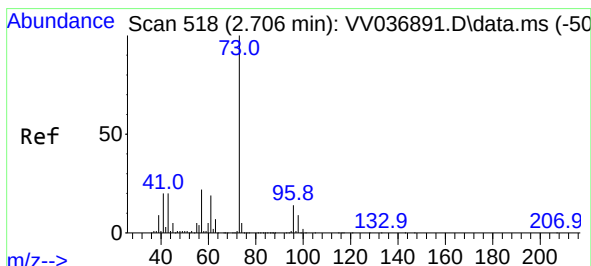
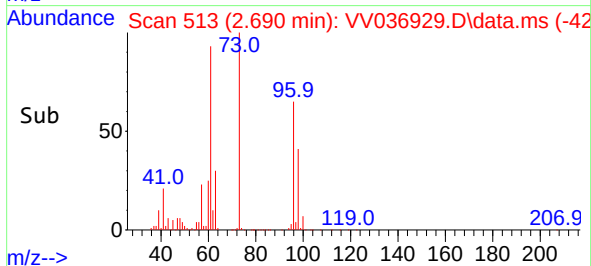
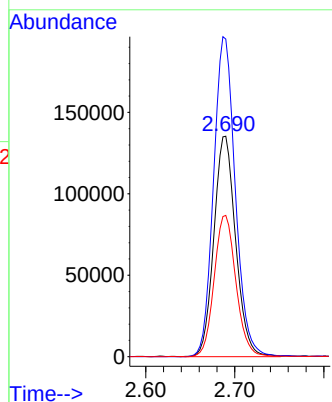
#17
trans-1,2-Dichloroethene
Concen: 51.697 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 229769

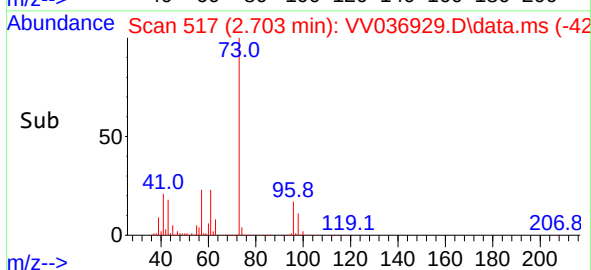
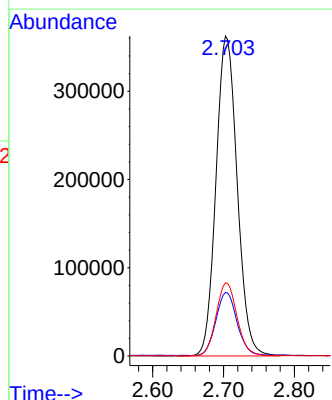
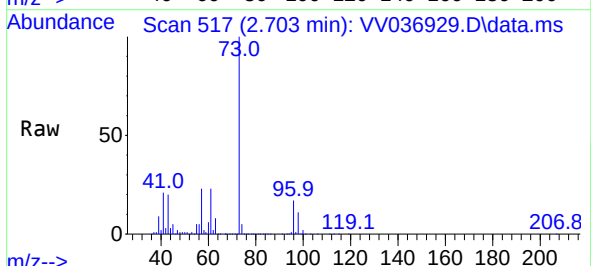
Ion	Ratio	Lower	Upper
96	100		
61	144.0	100.0	185.8
98	64.1	44.0	81.8

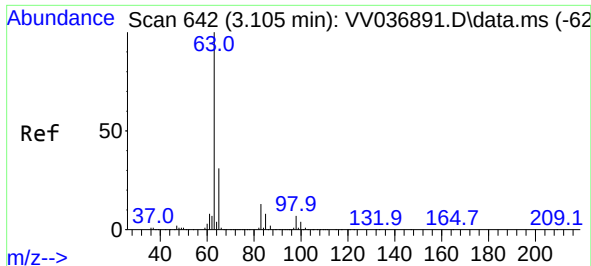


#18
Methyl tert-butyl Ether
Concen: 48.163 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 73 Resp: 753923

Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.1	24.1
57	22.4	17.9	26.9

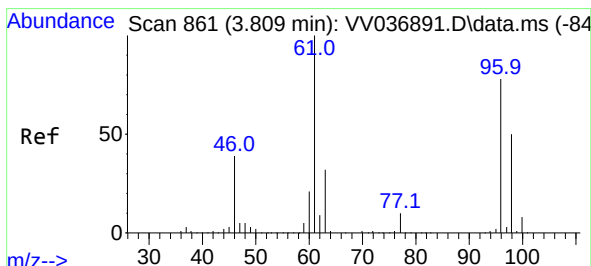
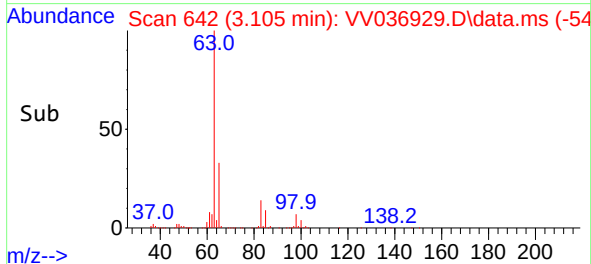
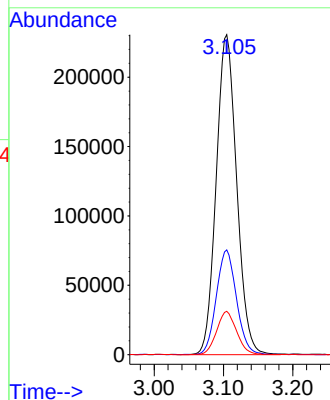
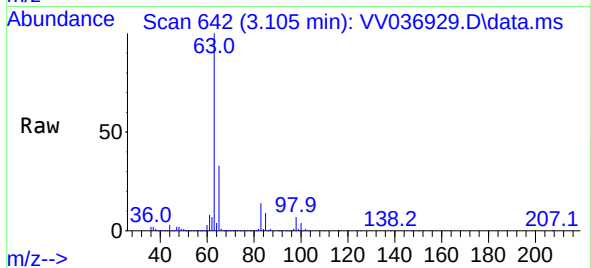




#19
1,1-Dichloroethane
Concen: 52.792 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

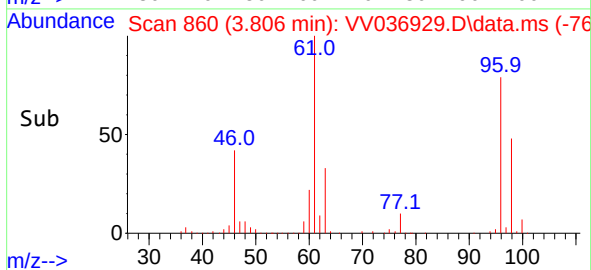
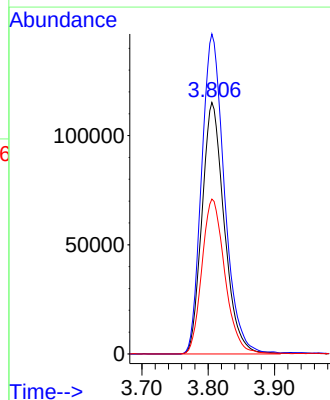
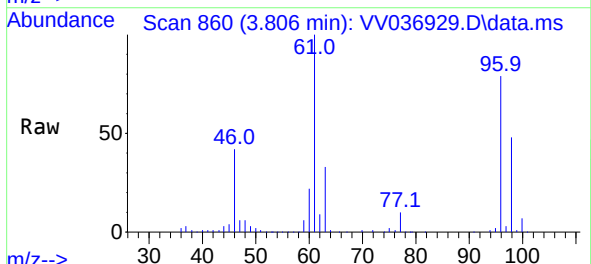
Instrument :
MSVOA_V
ClientSampleId :

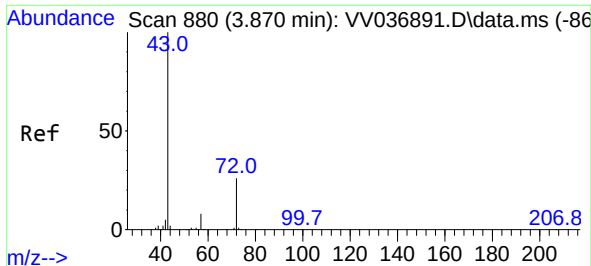
Tgt Ion: 63 Resp: 474048
Ion Ratio Lower Upper
63 100
65 32.8 23.2 43.0
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.524 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

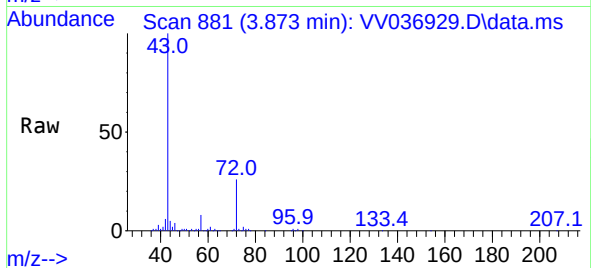
Tgt Ion: 96 Resp: 268783
Ion Ratio Lower Upper
96 100
61 127.2 93.9 174.5
98 61.6 46.0 85.4



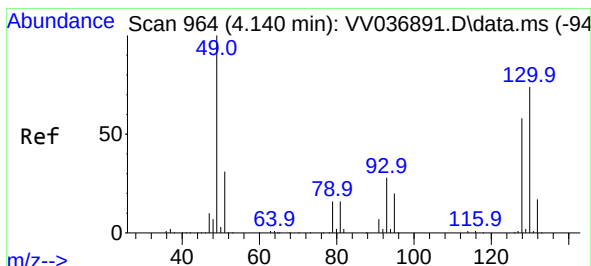
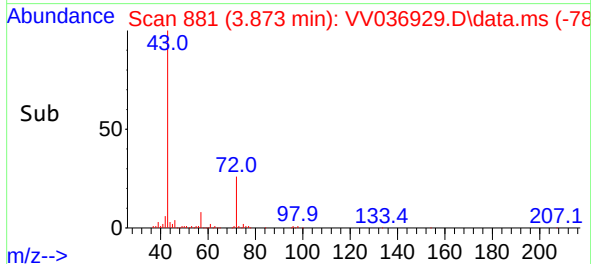
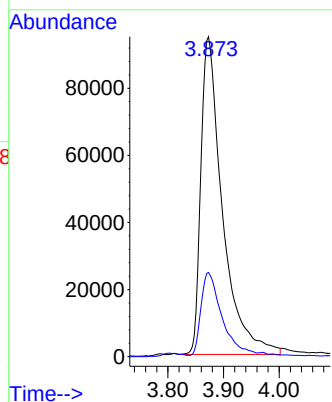


#22
2-Butanone
Concen: 79.382 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

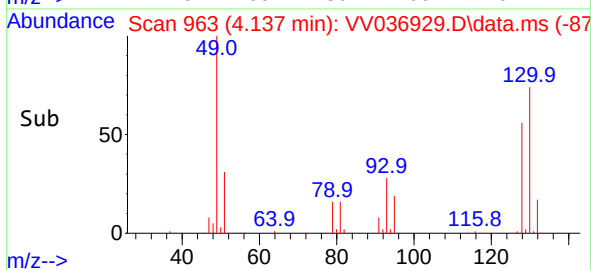
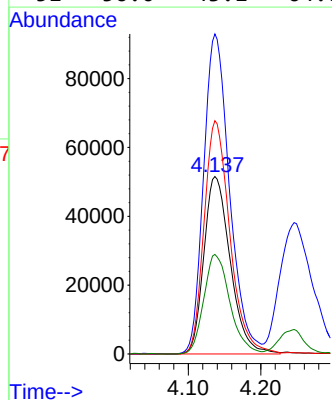
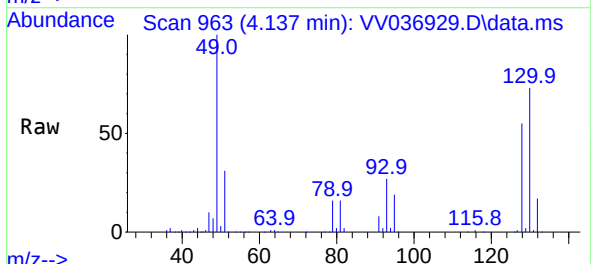


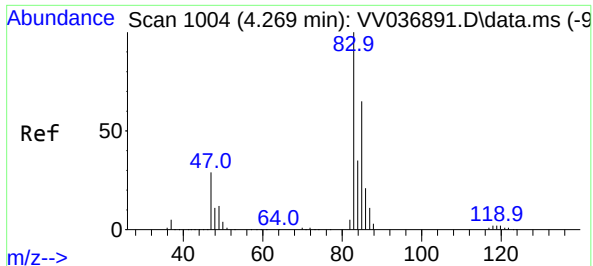
Tgt Ion: 43 Resp: 255762
Ion Ratio Lower Upper
43 100
72 24.9 12.5 37.5



#23
Bromochloromethane
Concen: 51.470 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 128 Resp: 130429
Ion Ratio Lower Upper
128 100
49 180.3 120.0 223.0
130 131.4 87.0 161.6
51 56.0 43.1 64.7





#25

Chloroform

Concen: 51.963 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

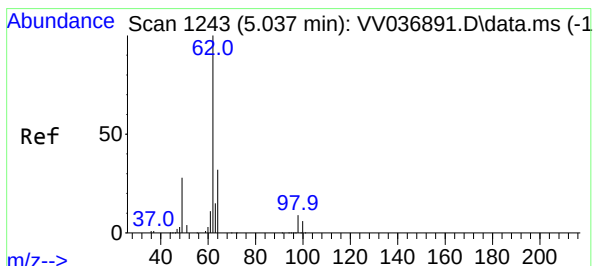
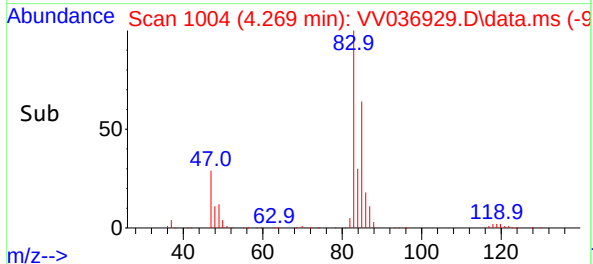
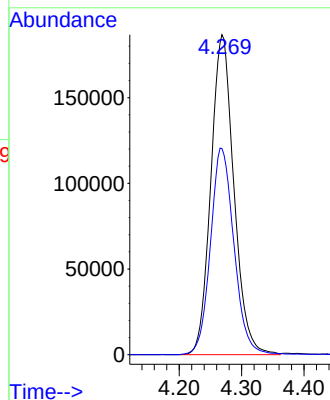
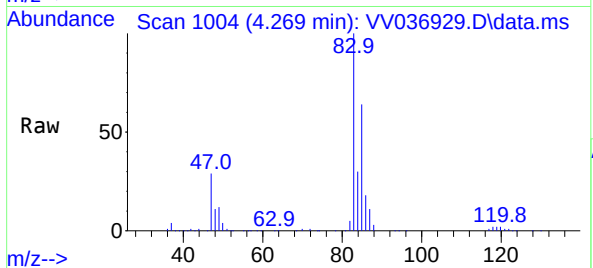
ClientSampleId :

Tgt Ion: 83 Resp: 479249

Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 48.957 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV036929.D

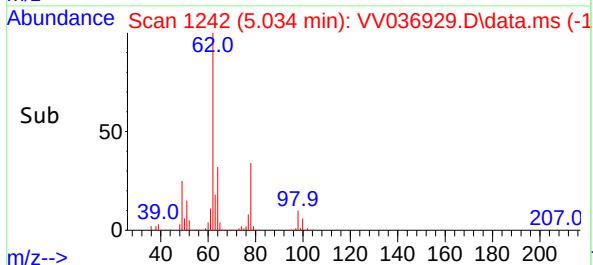
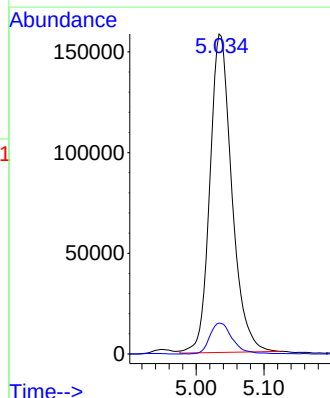
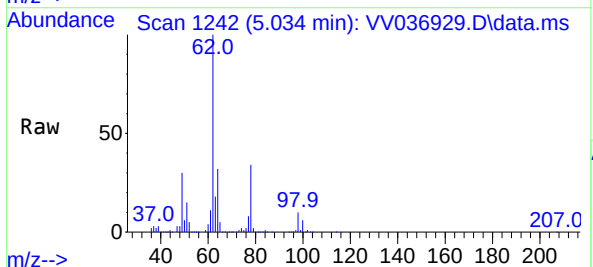
Acq: 14 Aug 2024 08:56

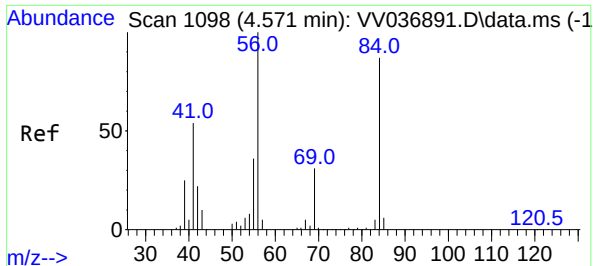
Tgt Ion: 62 Resp: 356164

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 48.493 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

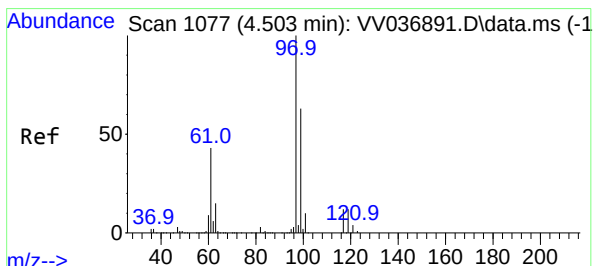
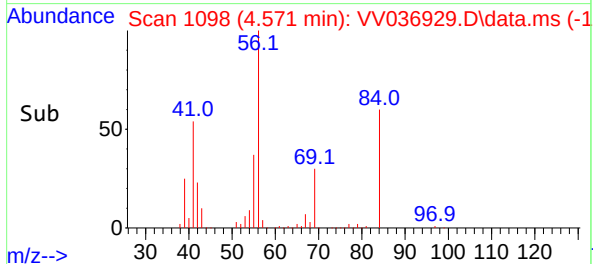
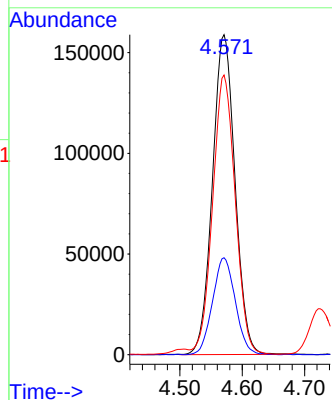
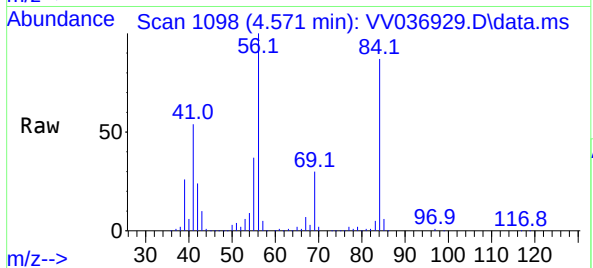
Tgt Ion: 56 Resp: 399287

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

84 87.4 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 49.610 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

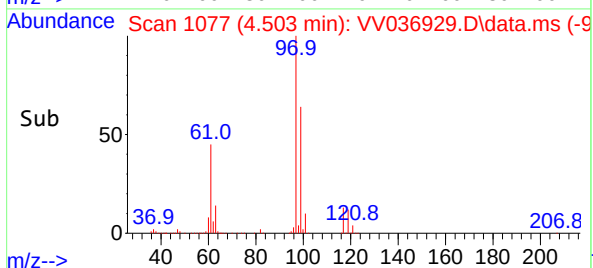
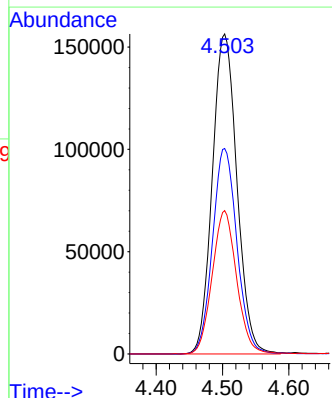
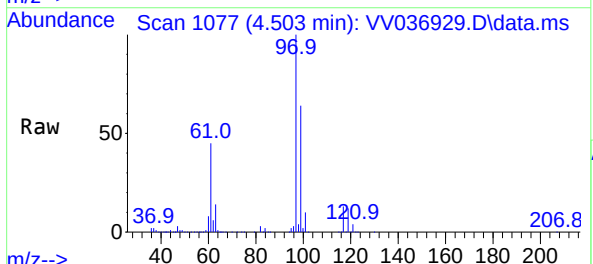
Tgt Ion: 97 Resp: 403920

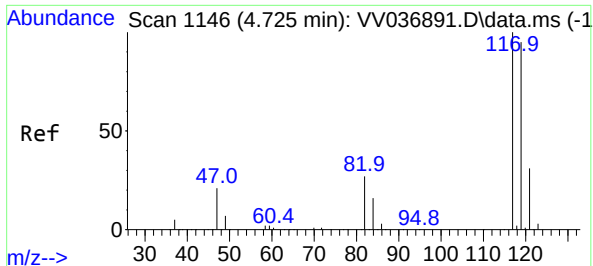
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 44.4 36.0 54.0

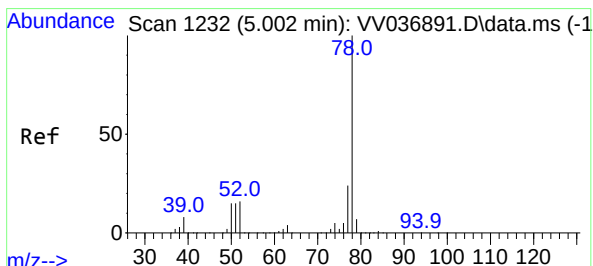
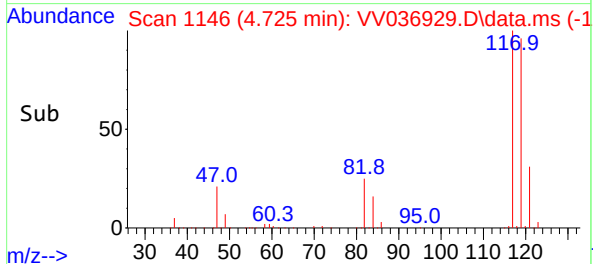
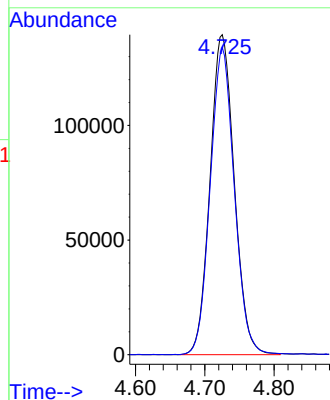
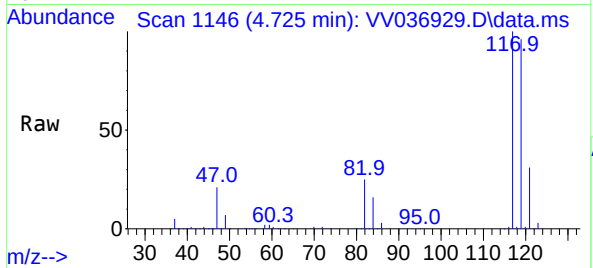




#31
Carbon tetrachloride
Concen: 49.667 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

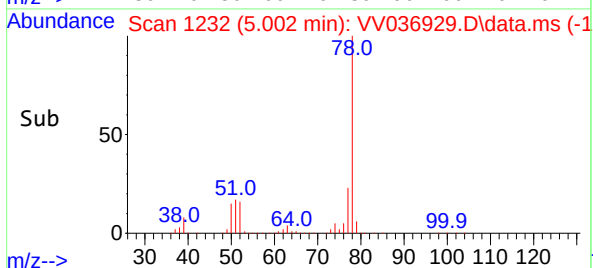
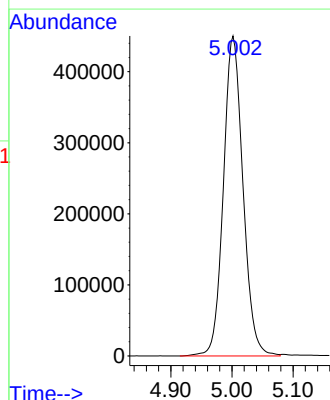
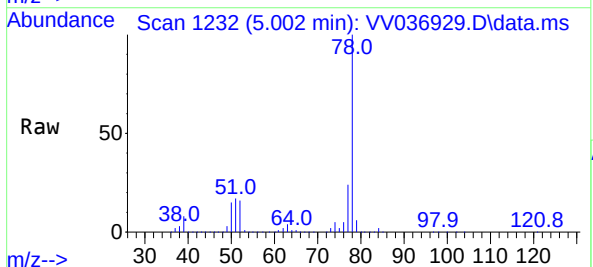
Instrument :
MSVOA_V
ClientSampleId :

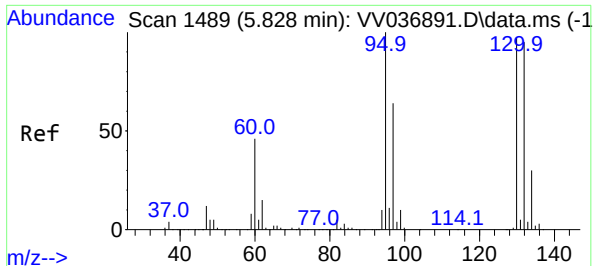
Tgt Ion:117 Resp: 339608
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1



#33
Benzene
Concen: 51.787 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 78 Resp: 1000993

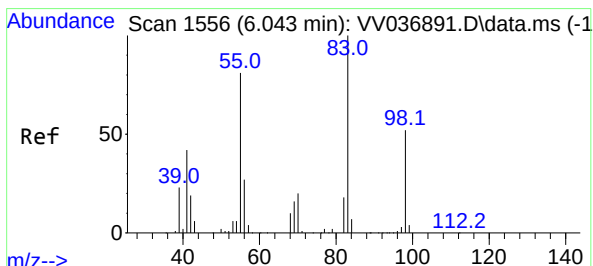
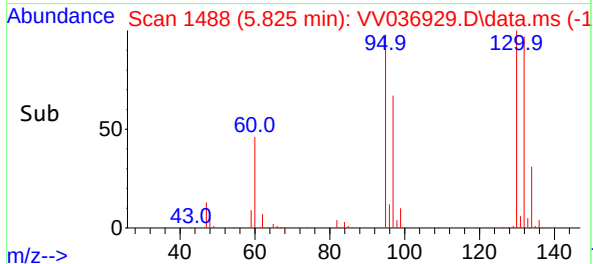
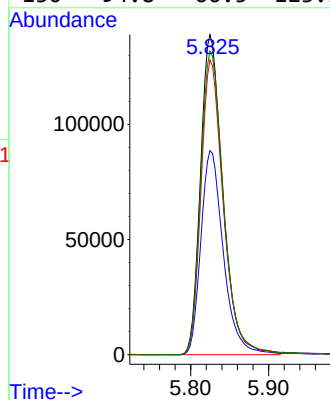
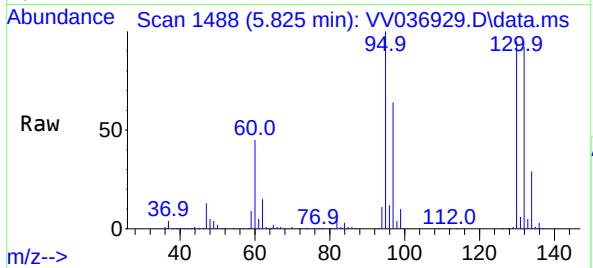




#34
Trichloroethene
Concen: 49.580 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

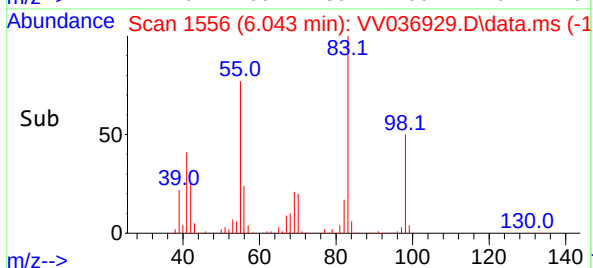
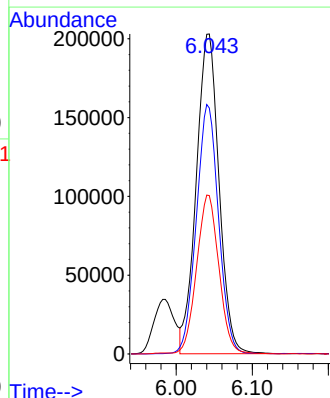
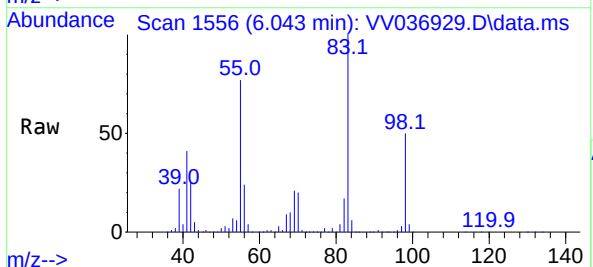
Instrument :
MSVOA_V
ClientSampleId :

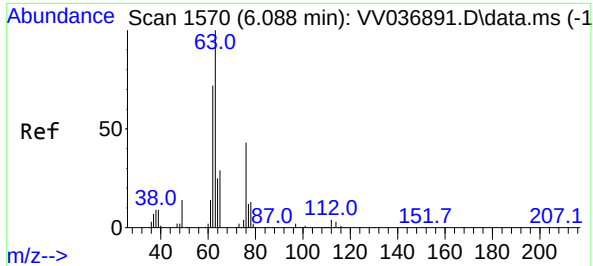
Tgt Ion: 95 Resp: 277739
Ion Ratio Lower Upper
95 100
97 63.7 44.7 82.9
132 92.1 62.9 116.9
130 94.8 66.5 123.5



#35
Methylcyclohexane
Concen: 49.053 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 83 Resp: 421657
Ion Ratio Lower Upper
83 100
55 76.5 62.3 93.5
98 48.6 38.7 58.1

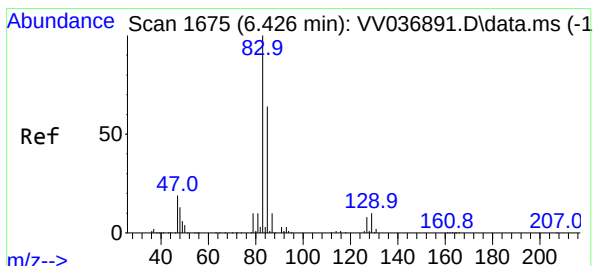
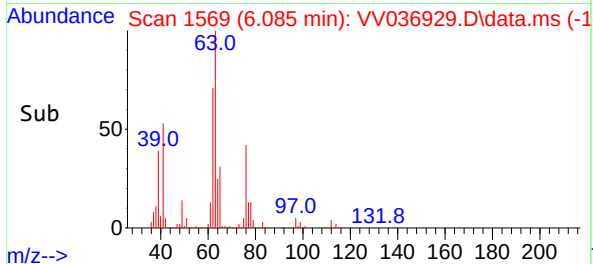
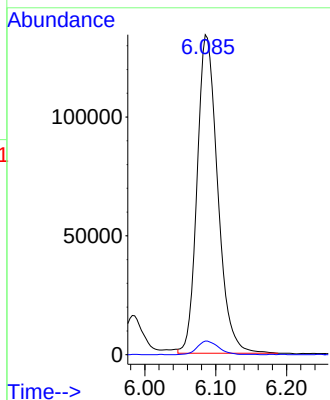
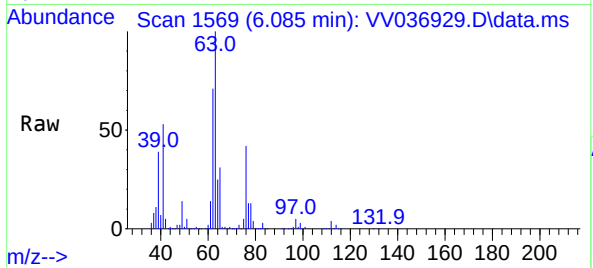




#37
1,2-Dichloropropane
Concen: 52.711 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

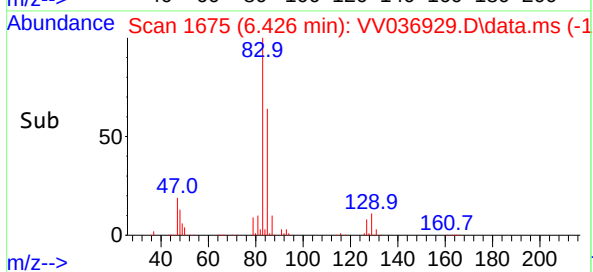
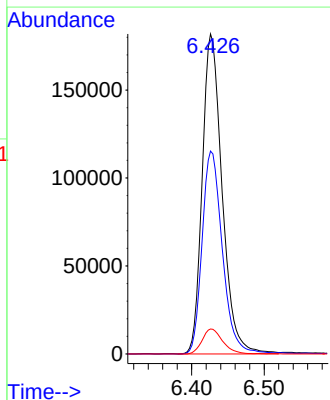
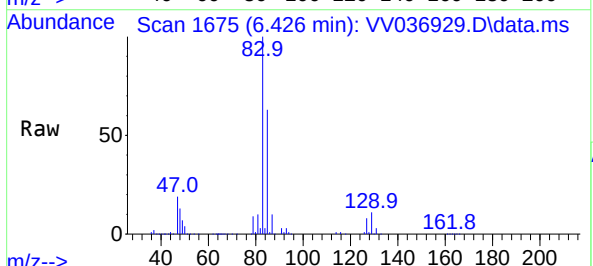
Instrument :
MSVOA_V
ClientSampleId :

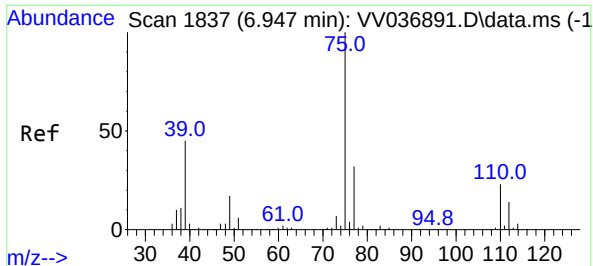
Tgt Ion: 63 Resp: 269903
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 49.314 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 83 Resp: 347722
Ion Ratio Lower Upper
83 100
85 63.4 44.7 83.1
127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 50.021 ug/L

RT: 6.947 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

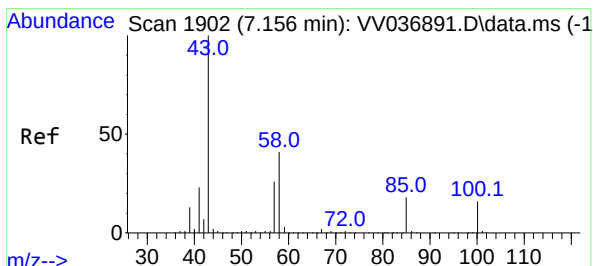
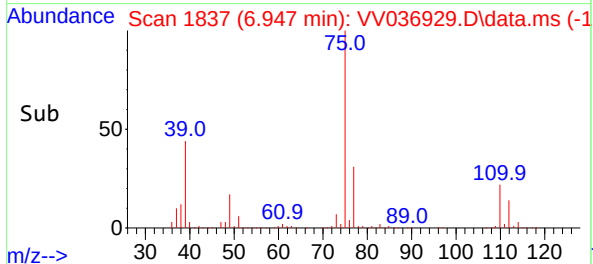
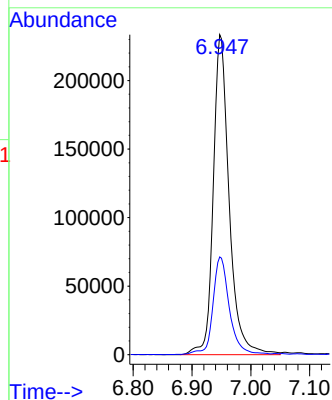
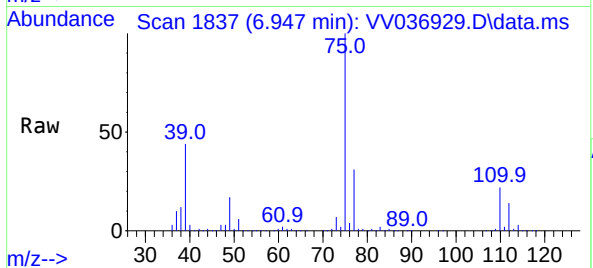
ClientSampleId :

Tgt Ion: 75 Resp: 438656

Ion Ratio Lower Upper

75 100

77 30.6 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 82.361 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

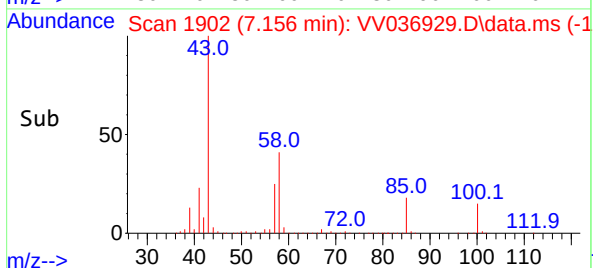
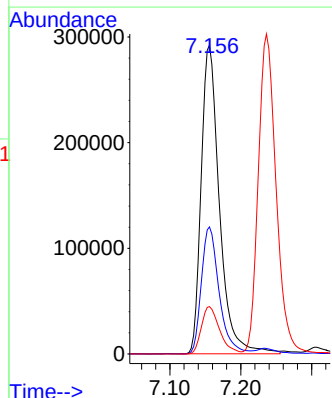
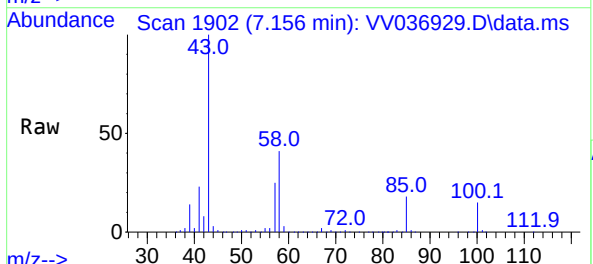
Tgt Ion: 43 Resp: 522415

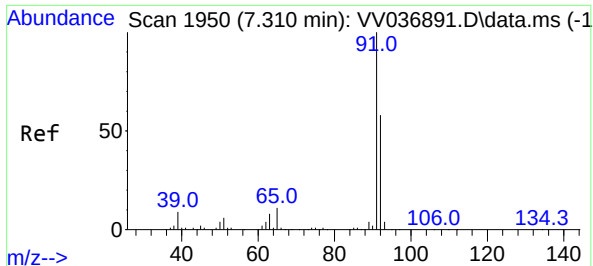
Ion Ratio Lower Upper

43 100

58 40.1 31.3 46.9

100 15.4 12.6 18.8





#42

Toluene

Concen: 51.394 ug/L

RT: 7.307 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

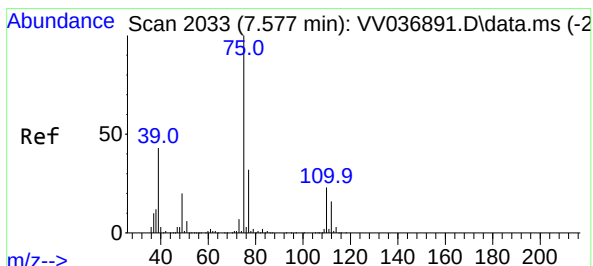
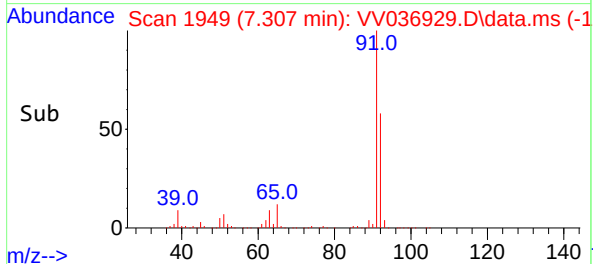
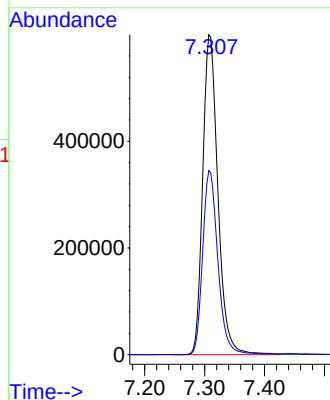
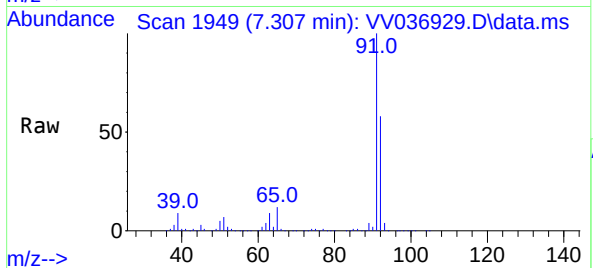
ClientSampleId :

Tgt Ion: 91 Resp: 1058095

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.699 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036929.D

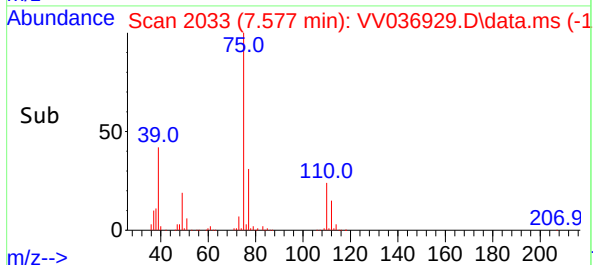
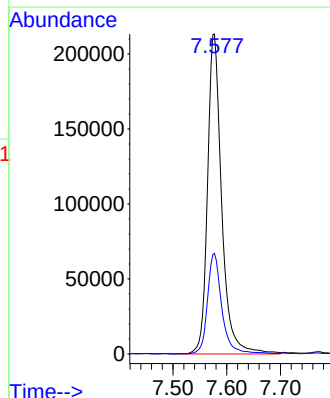
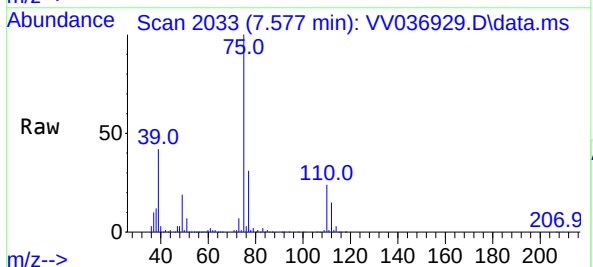
Acq: 14 Aug 2024 08:56

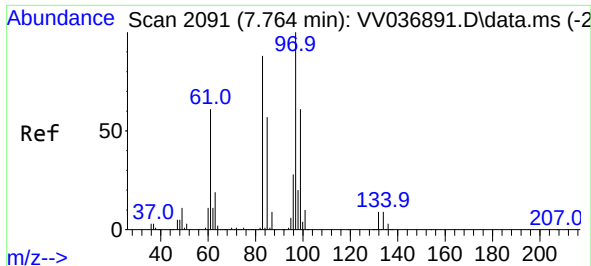
Tgt Ion: 75 Resp: 389781

Ion Ratio Lower Upper

75 100

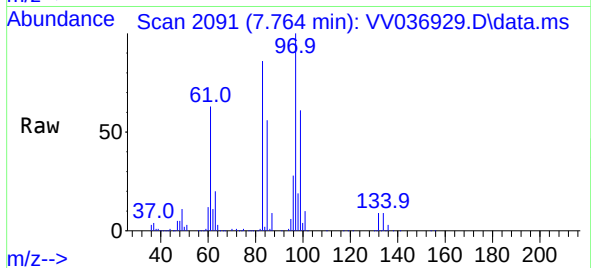
77 31.5 22.4 41.6





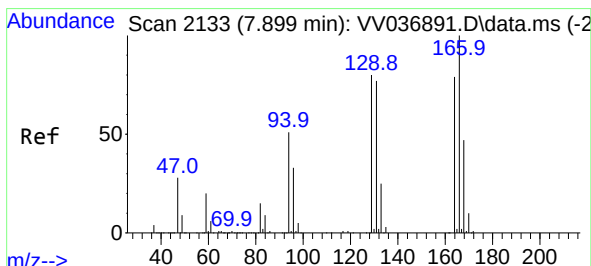
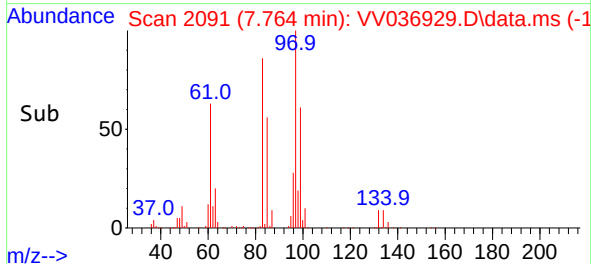
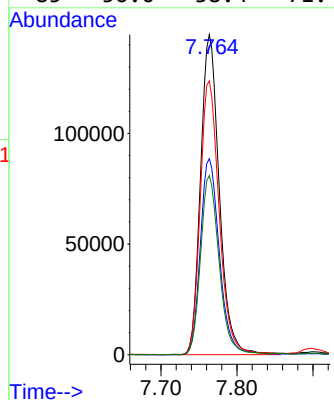
#45
1,1,2-Trichloroethane
Concen: 49.991 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 247892

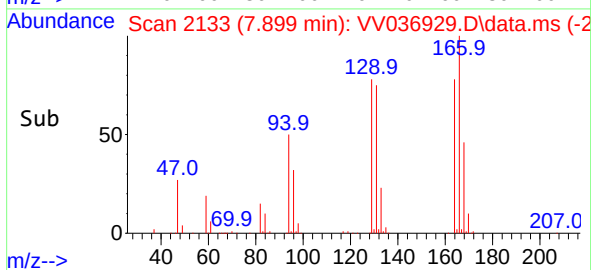
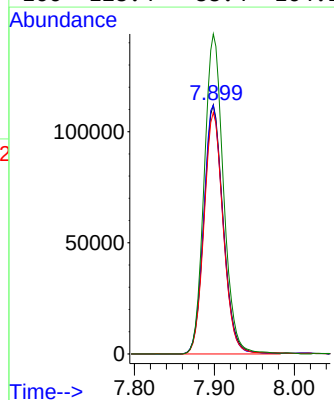
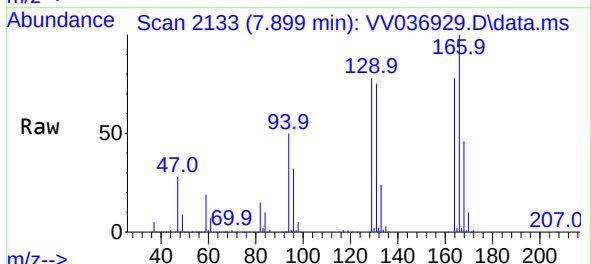
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.0	81.6
83	85.6	60.1	111.5
85	56.0	38.4	71.4

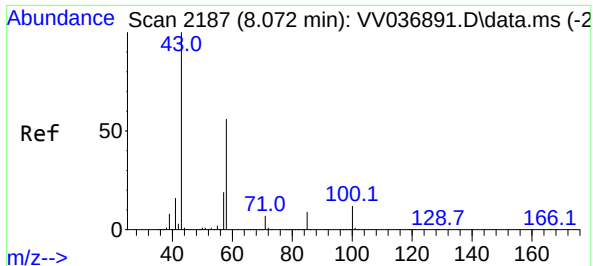


#46
Tetrachloroethene
Concen: 51.406 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 164 Resp: 188889

Ion	Ratio	Lower	Upper
164	100		
129	99.8	70.4	130.8
131	96.9	67.7	125.7
166	128.4	88.4	164.2



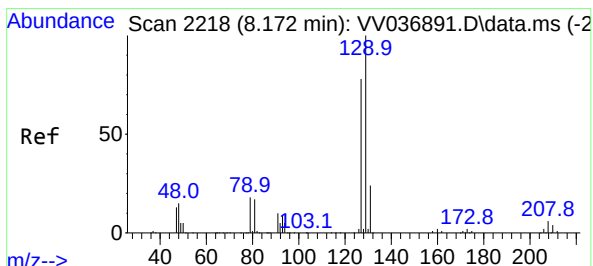
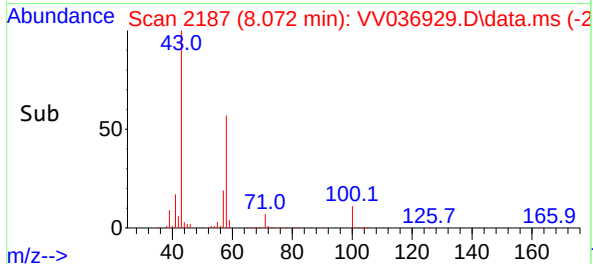
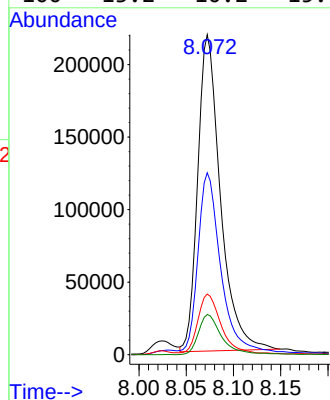
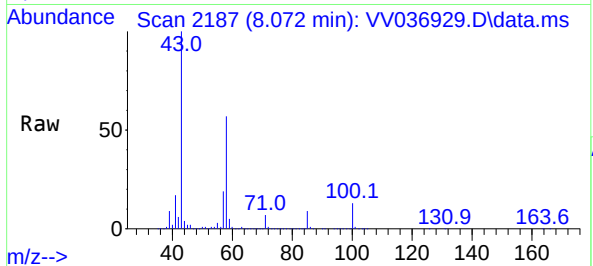


#48
2-Hexanone
Concen: 78.197 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 364898

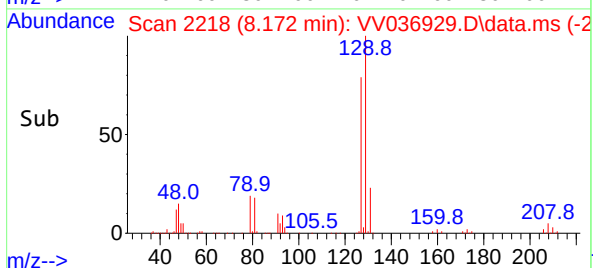
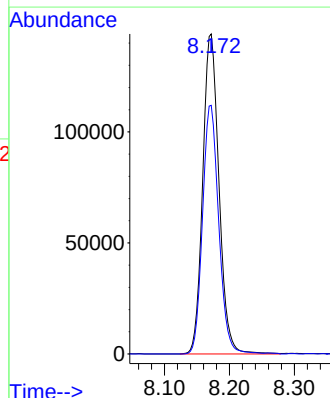
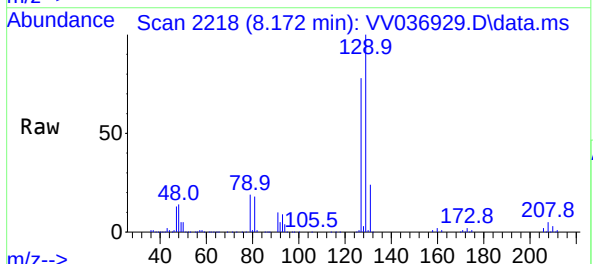
Ion	Ratio	Lower	Upper
43	100		
58	58.0	44.7	67.1
57	18.6	15.0	22.4
100	13.2	10.2	15.4

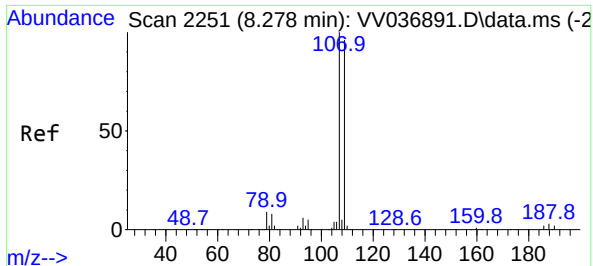


#49
Dibromochloromethane
Concen: 49.309 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion: 129 Resp: 251268

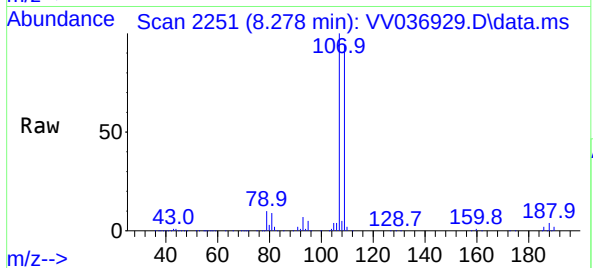
Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.4	102.8



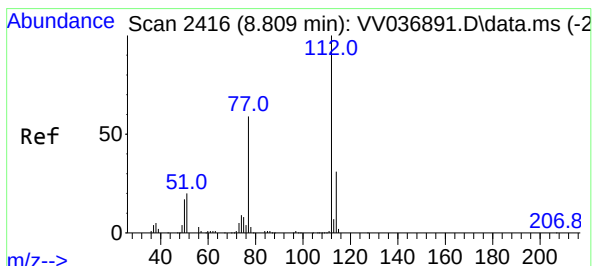
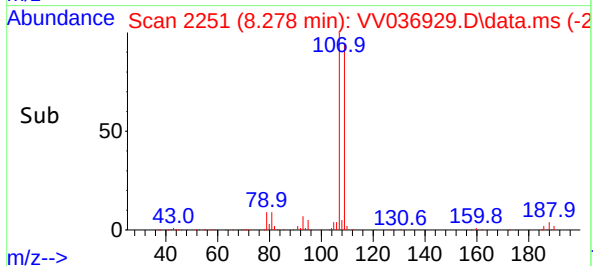
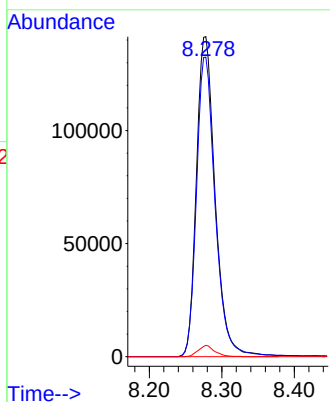


#50
1,2-Dibromoethane
Concen: 49.373 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

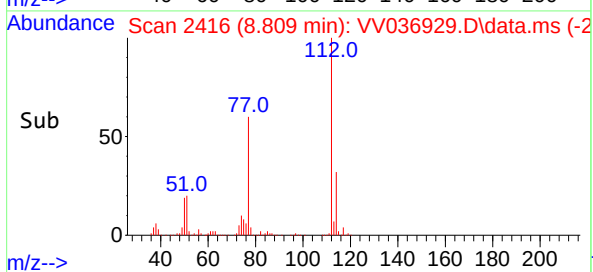
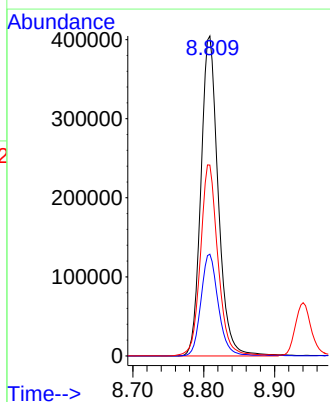
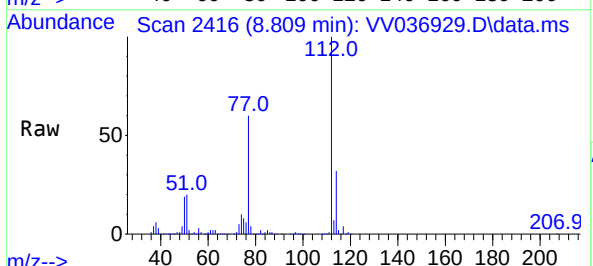


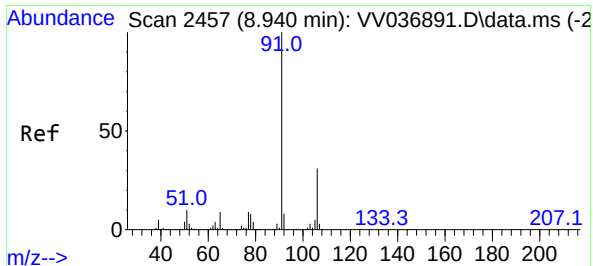
Tgt Ion:107 Resp: 254020
Ion Ratio Lower Upper
107 100
109 93.6 64.7 120.1
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 51.851 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion:112 Resp: 684949
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 59.6 48.9 73.3





#52

Ethylbenzene

Concen: 51.406 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

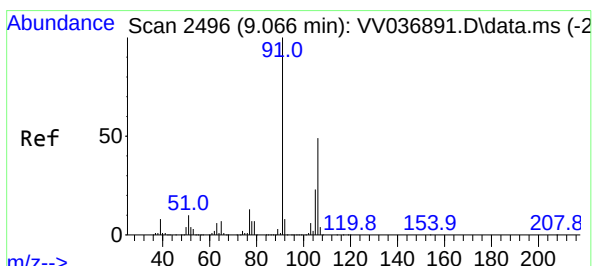
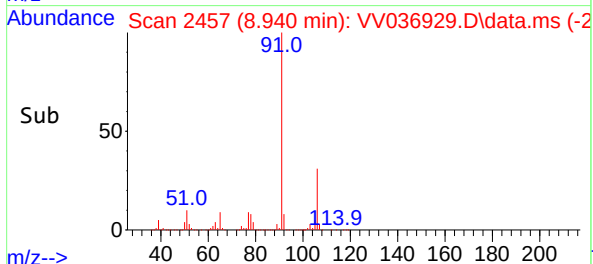
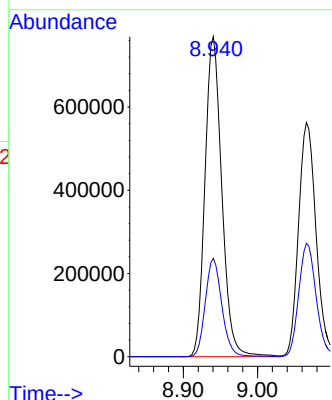
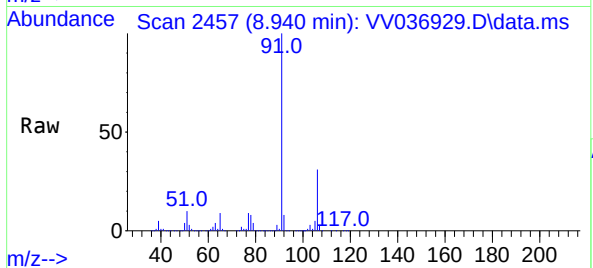
ClientSampleId :

Tgt Ion: 91 Resp: 1208424

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1



#53

m,p-Xylene

Concen: 50.283 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV036929.D

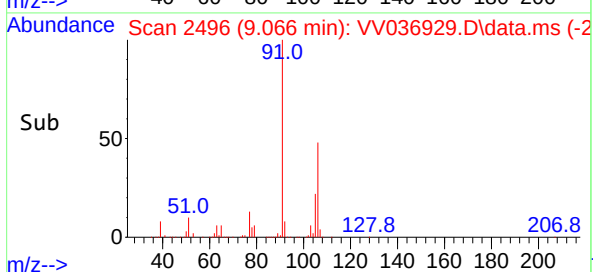
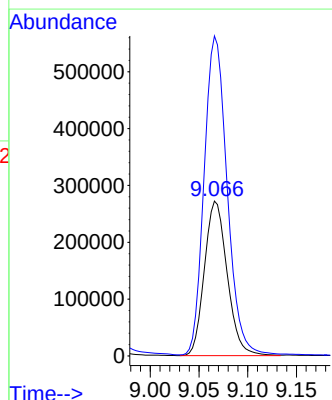
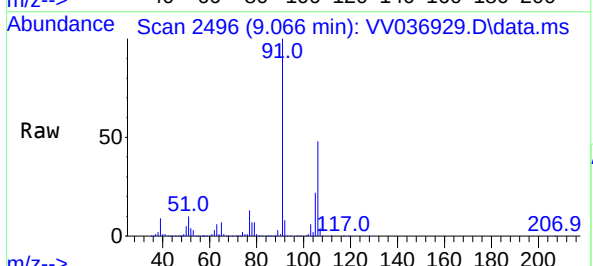
Acq: 14 Aug 2024 08:56

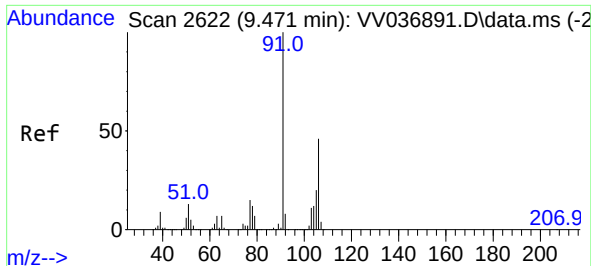
Tgt Ion: 106 Resp: 441834

Ion Ratio Lower Upper

106 100

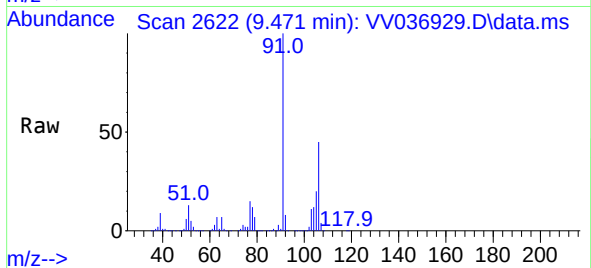
91 206.6 147.1 273.3



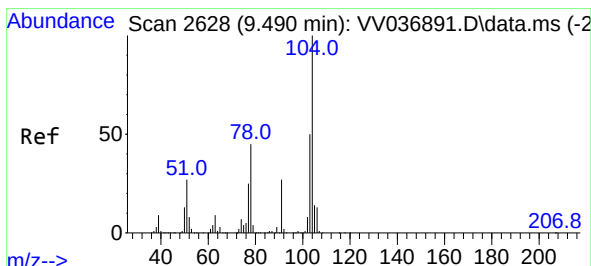
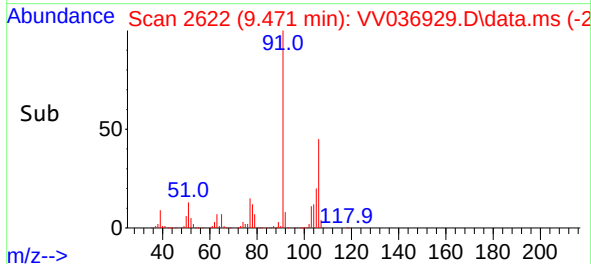
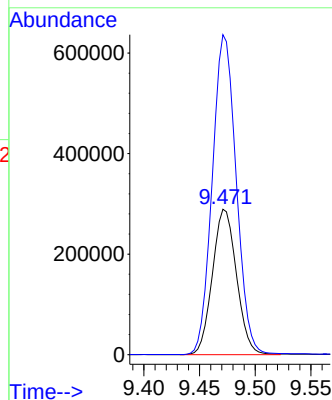


#54
o-Xylene
Concen: 50.651 ug/L
RT: 9.471 min Scan# 2068
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

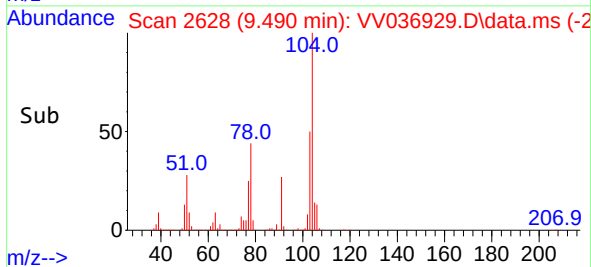
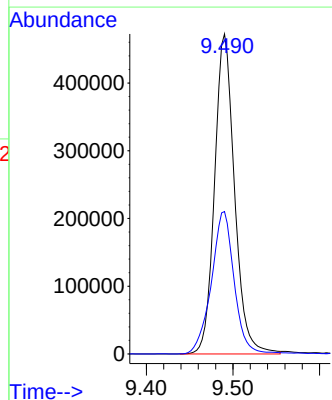
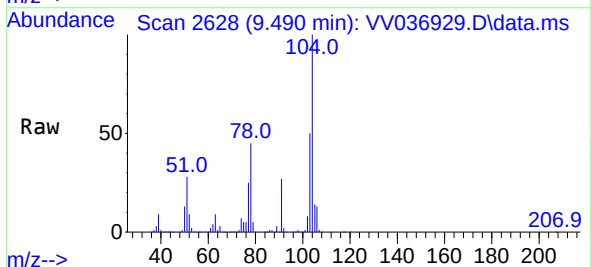


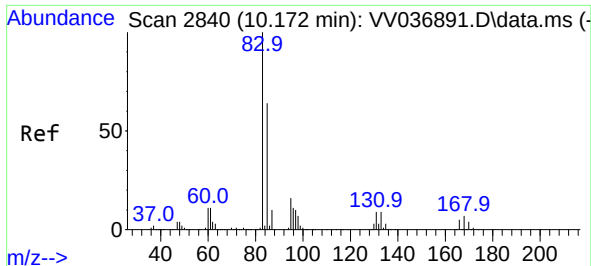
Tgt Ion:106 Resp: 435310
Ion Ratio Lower Upper
106 100
91 220.0 154.5 286.9



#55
Styrene
Concen: 51.431 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

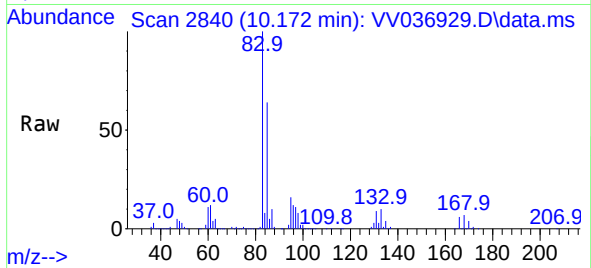
Tgt Ion:104 Resp: 757484
Ion Ratio Lower Upper
104 100
78 44.5 32.1 59.7



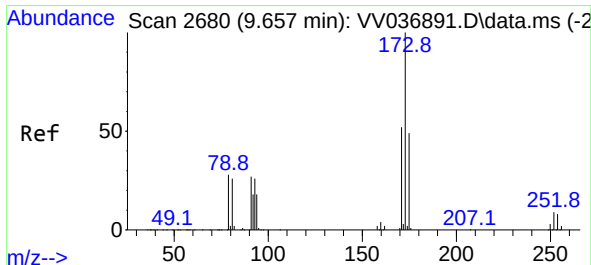
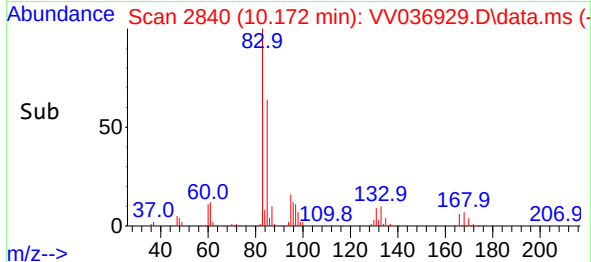
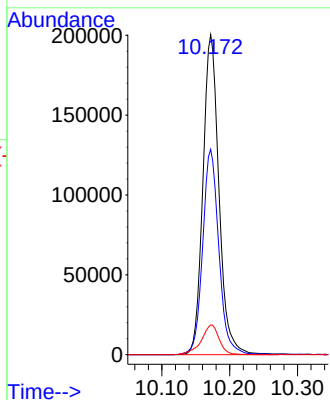


#57
1,1,2,2-Tetrachloroethane
Concen: 49.231 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

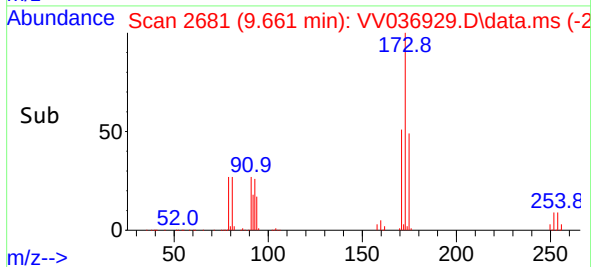
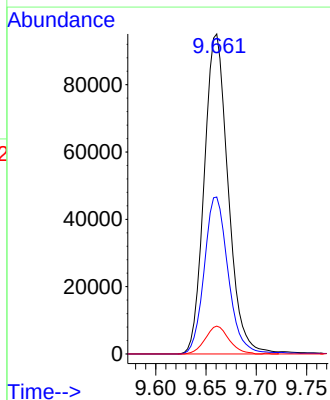
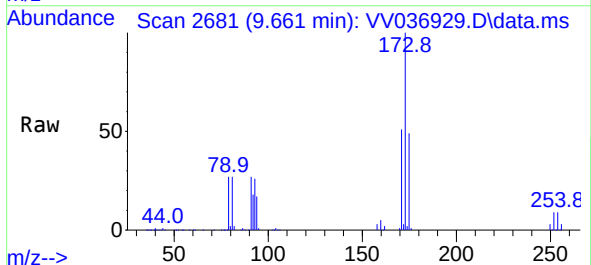


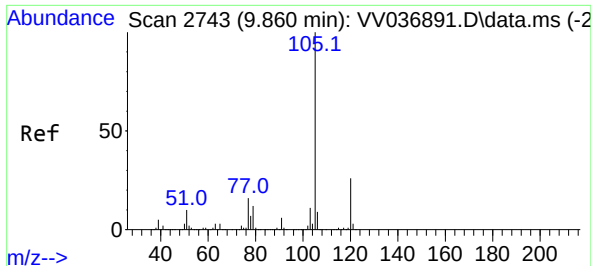
Tgt Ion: 83 Resp: 329400
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
131 9.3 7.2 10.8



#59
Bromoform
Concen: 43.144 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

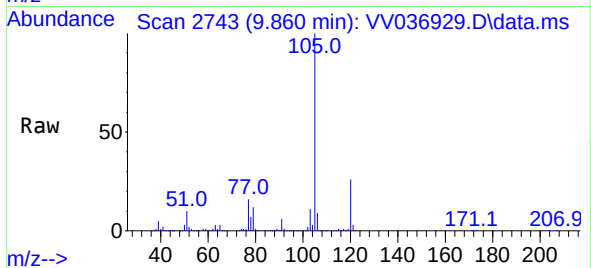
Tgt Ion: 173 Resp: 156920
Ion Ratio Lower Upper
173 100
175 49.1 39.8 59.8
254 8.6 6.8 10.2



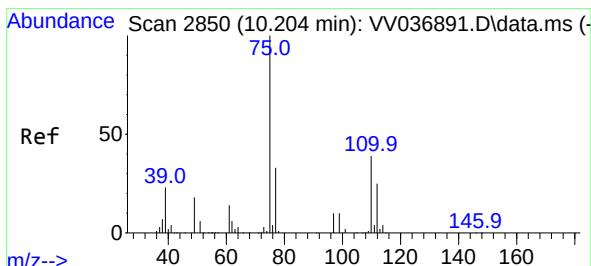
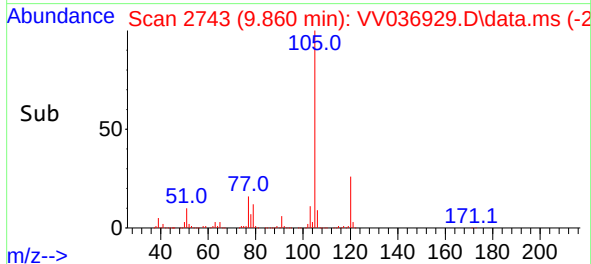
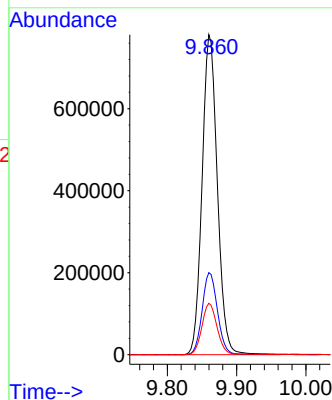


#60
Isopropylbenzene
Concen: 49.858 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

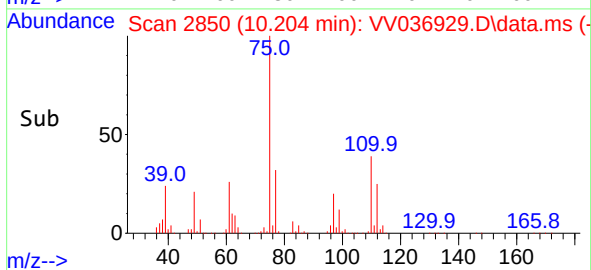
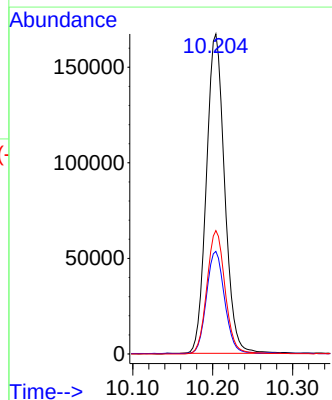
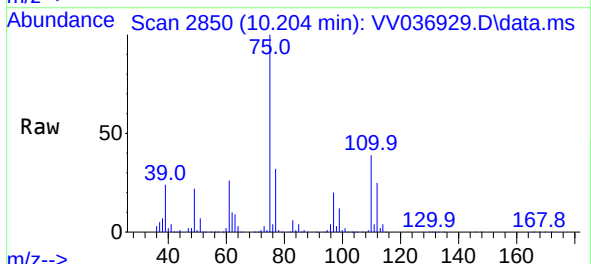


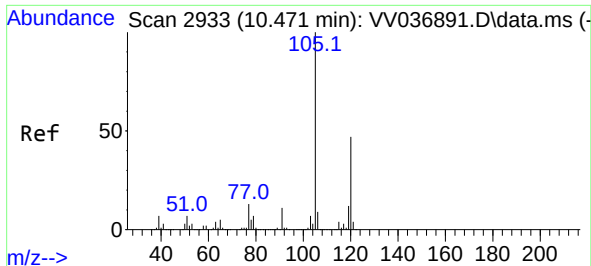
Tgt Ion:105 Resp: 1193341
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 15.9 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 44.841 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

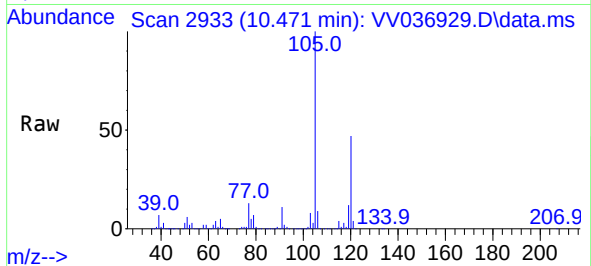
Tgt Ion: 75 Resp: 265387
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 38.6 31.3 46.9



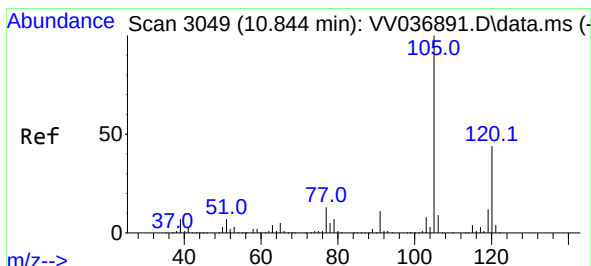
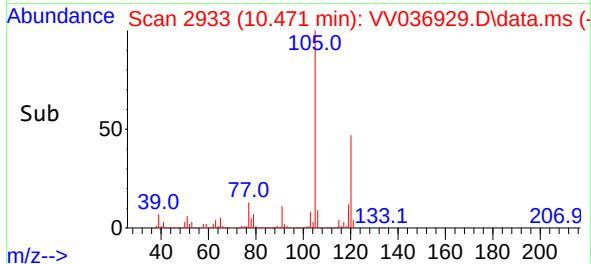
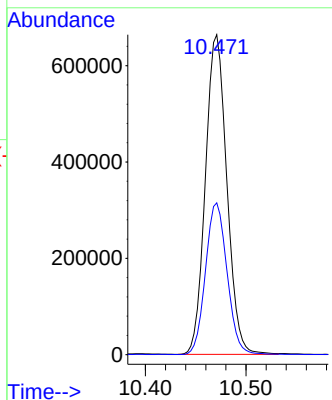


#62
1,3,5-Trimethylbenzene
Concen: 49.404 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

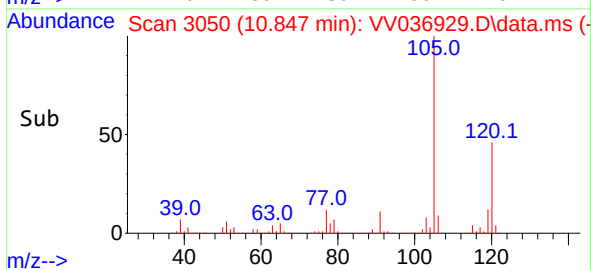
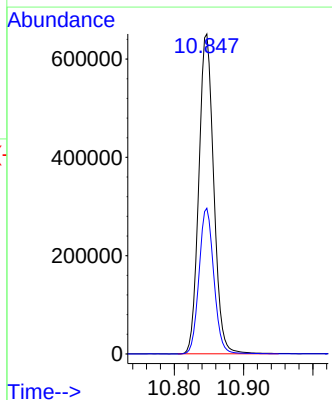
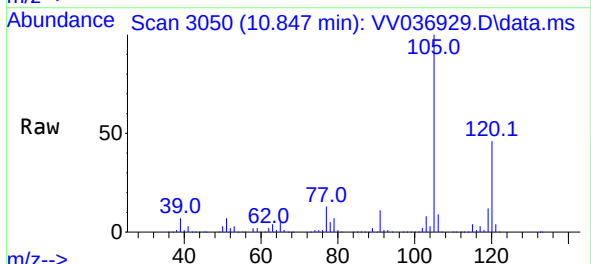


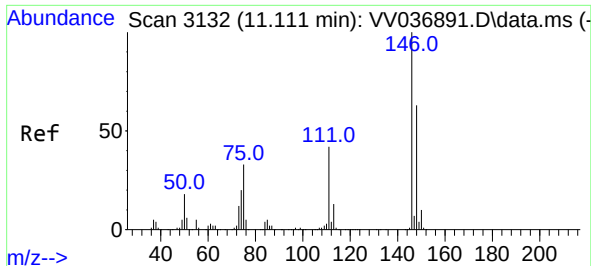
Tgt Ion:105 Resp: 984473
Ion Ratio Lower Upper
105 100
120 47.7 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 48.964 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion:105 Resp: 976712
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4

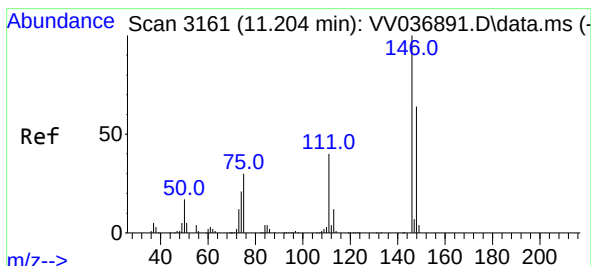
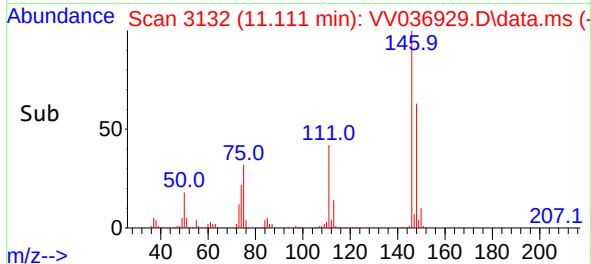
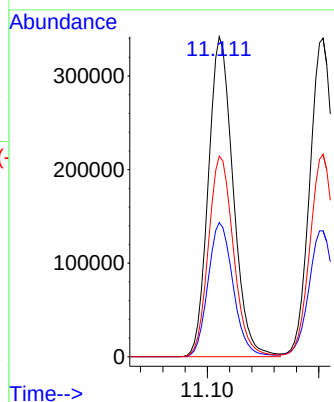
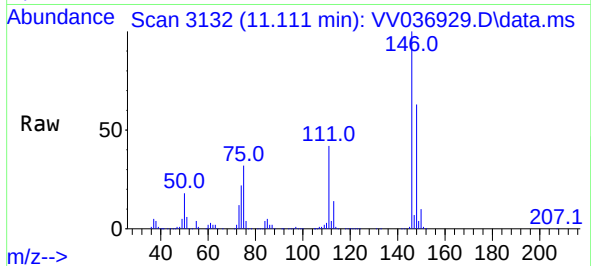




#64
1,3-Dichlorobenzene
Concen: 51.441 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

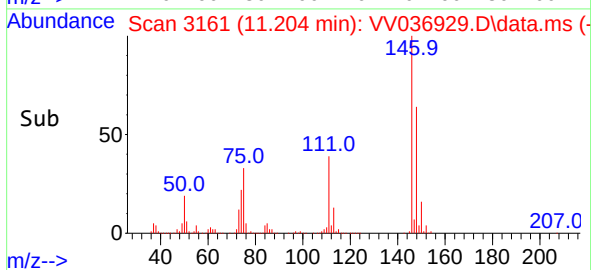
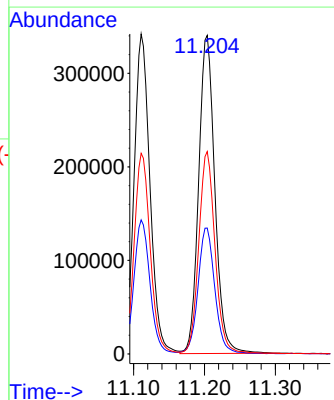
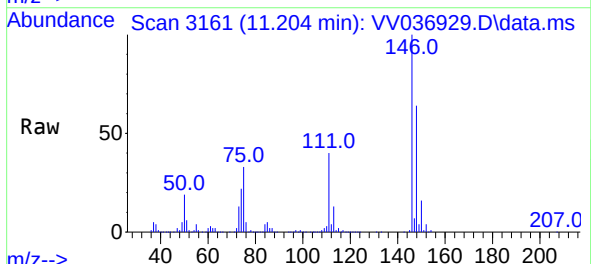
Instrument :
MSVOA_V
ClientSampleId :

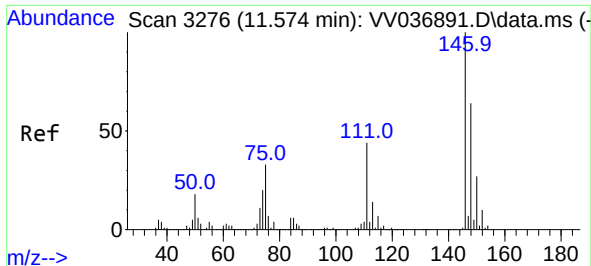
Tgt Ion:146 Resp: 529469
Ion Ratio Lower Upper
146 100
111 41.9 29.8 55.4
148 62.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 51.614 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion:146 Resp: 540225
Ion Ratio Lower Upper
146 100
111 39.5 29.0 53.9
148 63.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 50.995 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

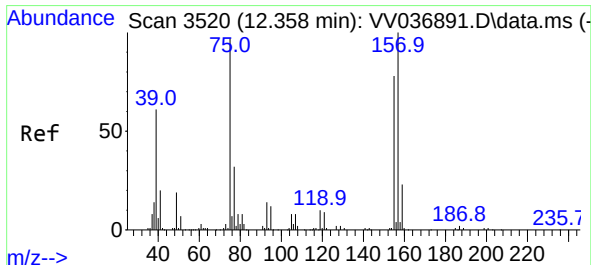
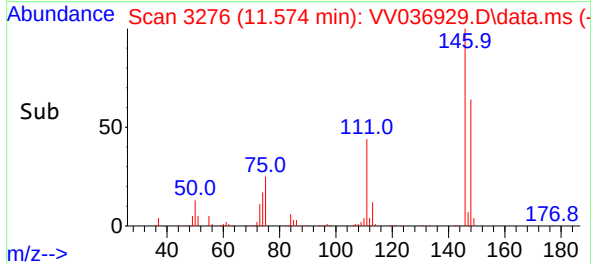
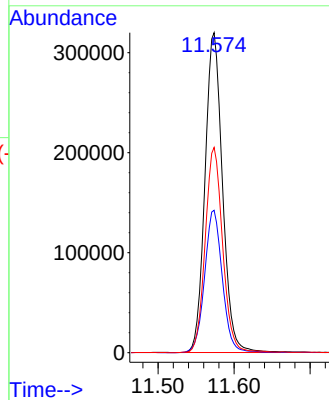
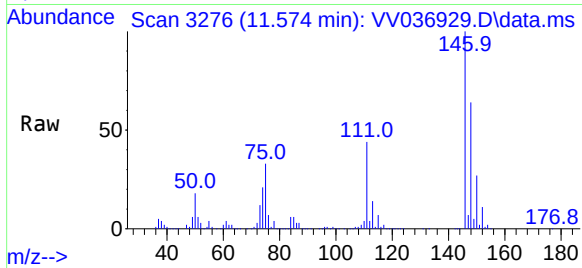
Tgt Ion:146 Resp: 512615

Ion Ratio Lower Upper

146 100

111 44.5 35.7 53.5

148 64.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 37.047 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV036929.D

Acq: 14 Aug 2024 08:56

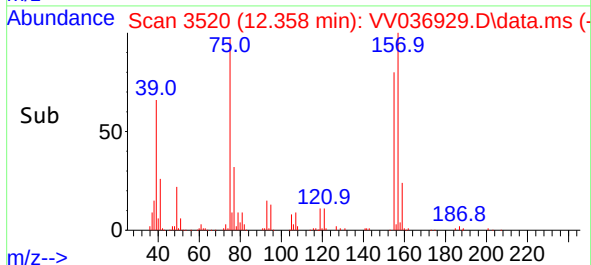
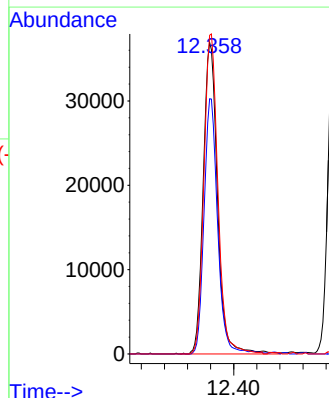
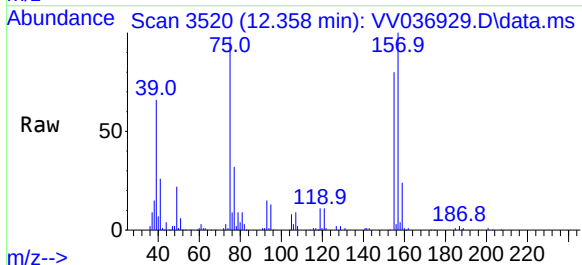
Tgt Ion: 75 Resp: 63361

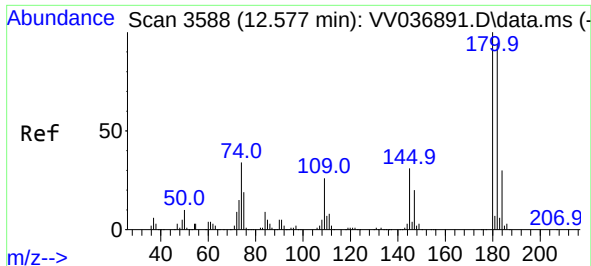
Ion Ratio Lower Upper

75 100

155 82.0 59.5 89.3

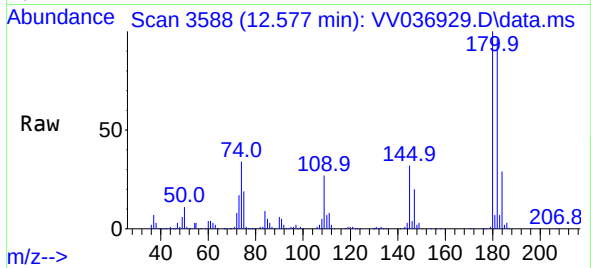
157 102.3 81.0 121.4



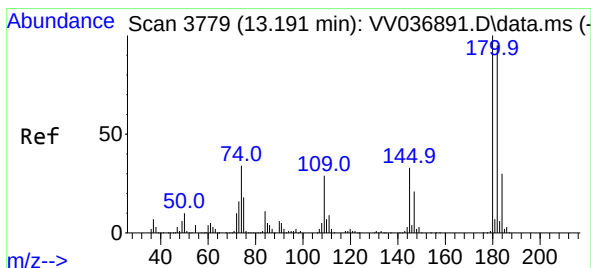
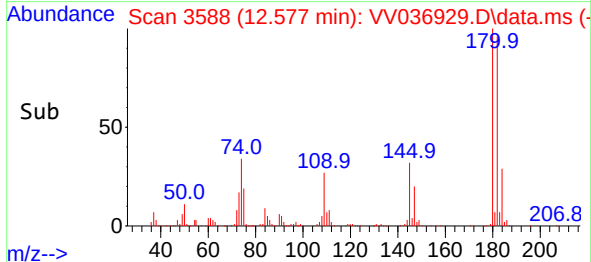
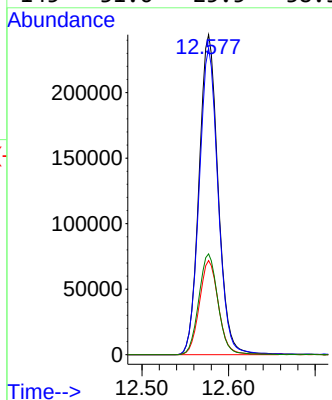


#69
1,3,5-Trichlorobenzene
Concen: 50.933 ug/L
RT: 12.577 min Scan# 3588
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

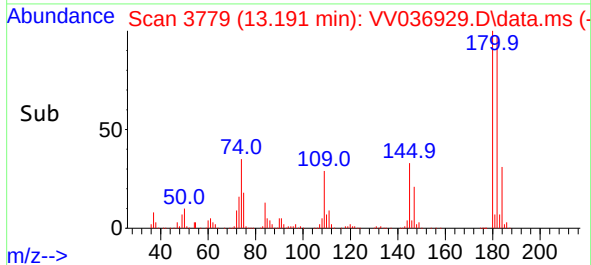
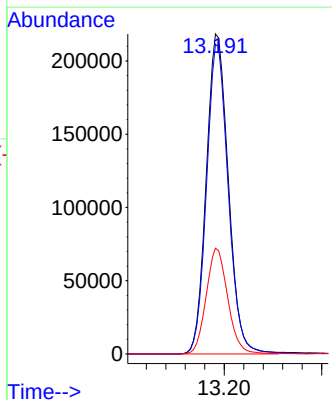
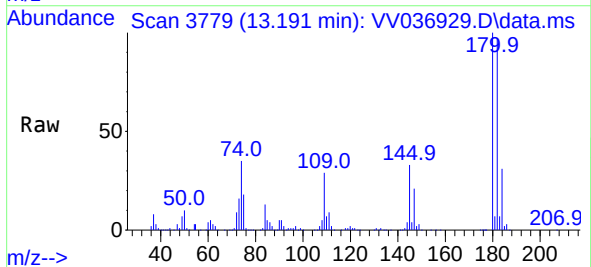


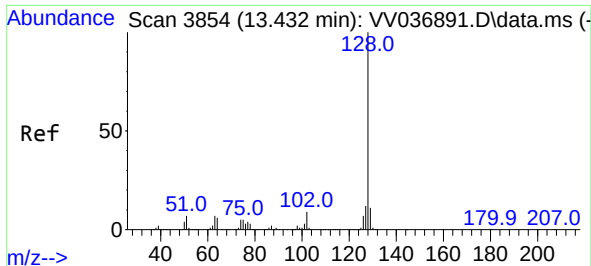
Tgt Ion:180 Resp: 372029
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
184 29.5 23.7 35.5
145 31.6 25.5 38.3



#70
1,2,4-trichlorobenzene
Concen: 49.036 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion:180 Resp: 343521
Ion Ratio Lower Upper
180 100
182 95.3 75.1 112.7
145 32.2 26.5 39.7



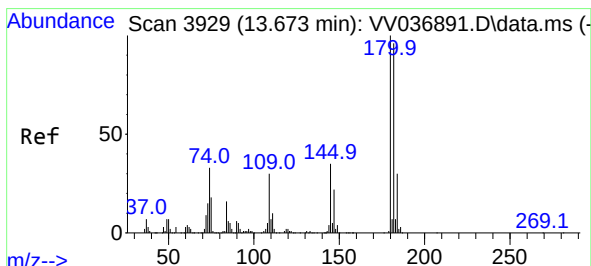
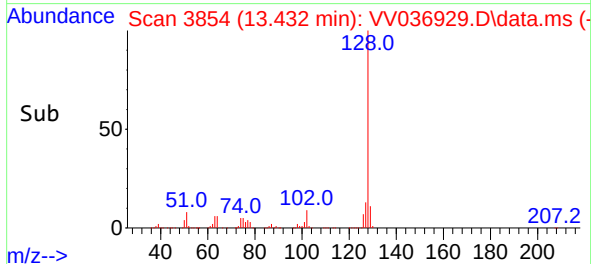
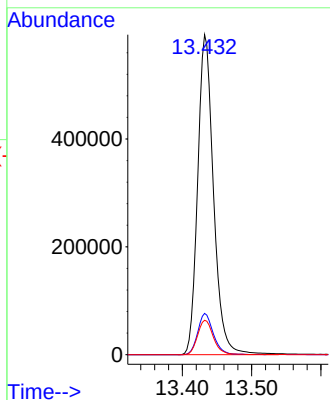
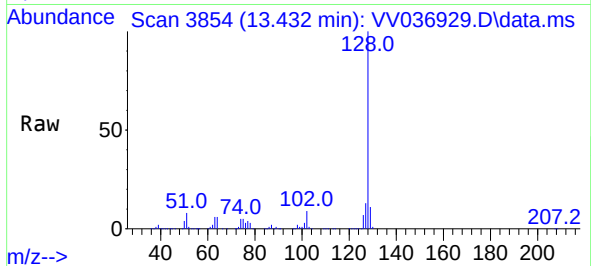


#71
Naphthalene
Concen: 42.035 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 944295

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.827 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV036929.D
Acq: 14 Aug 2024 08:56

Tgt Ion:180 Resp: 334823

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	34.0	27.8	41.6

