

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082024\
 Data File : VV036984.D
 Acq On : 20 Aug 2024 15:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 02:07:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 21 02:05:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	644117	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	618547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	318992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	218408	42.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.900%
7) Chloroethane-d5	1.532	69	188740	46.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.040%
11) 1,1-Dichloroethene-d2	2.056	65	100988	45.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.780%
21) 2-Butanone-d5	3.789	46	223202	81.885	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.880%
24) Chloroform-d	4.239	84	453754	49.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
26) 1,2-Dichloroethane-d4	4.934	65	274926	46.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
32) Benzene-d6	4.950	84	863179	46.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	5.982	67	275834	45.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	7.233	98	782579	45.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	7.545	79	123890	39.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.000%
47) 2-Hexanone-d5	8.021	63	137627	79.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.420%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	315940	45.653	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.300%
66) 1,2-Dichlorobenzene-d4	11.554	152	290015	44.616	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	268221	52.225	ug/L	100
3) Chloromethane	1.217	50	284503	52.932	ug/L	99
5) Vinyl chloride	1.285	62	289363	52.424	ug/L	99
6) Bromomethane	1.487	94	181223	52.148	ug/L	98
8) Chloroethane	1.548	64	183918	53.793	ug/L	99
9) Trichlorofluoromethane	1.712	101	395465	54.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	235390	55.253	ug/L	99
12) 1,1-Dichloroethene	2.069	96	214145	52.631	ug/L	92
13) Acetone	2.111	43	159472	69.925	ug/L	100
14) Carbon disulfide	2.236	76	573475	44.869	ug/L	100
15) Methyl Acetate	2.368	43	211127	44.938	ug/L	100
16) Methylene chloride	2.442	84	249962	54.646	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	223874	53.119	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	747404	50.352	ug/L	100
19) 1,1-Dichloroethane	3.101	63	463691	54.456	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	255218	51.593	ug/L	95
22) 2-Butanone	3.870	43	233231	76.339	ug/L	99
23) Bromochloromethane	4.133	128	127584	53.095	ug/L	97
25) Chloroform	4.265	83	471358	53.896	ug/L	99

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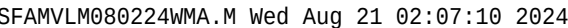
Instrument :
 MSVOA_V
 ClientSampleId :

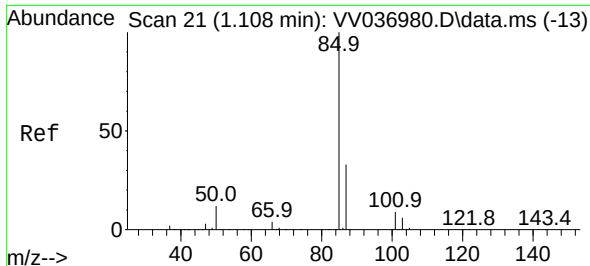
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 21 02:05:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	345632	50.102	ug/L	100
29) Cyclohexane	4.567	56	375652	47.665	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	392603	50.379	ug/L	99
31) Carbon tetrachloride	4.722	117	330385	50.482	ug/L	99
33) Benzene	4.998	78	961760	51.985	ug/L	100
34) Trichloroethene	5.825	95	264842	49.394	ug/L	99
35) Methylcyclohexane	6.040	83	387387	47.084	ug/L	99
37) 1,2-Dichloropropane	6.085	63	263549	53.775	ug/L	99
38) Bromodichloromethane	6.426	83	345001	51.119	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	416757	49.652	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	511789	84.298	ug/L	99
42) Toluene	7.307	91	1009694	51.239	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	366010	46.795	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	241353	50.852	ug/L	98
46) Tetrachloroethene	7.895	164	178730	50.819	ug/L	98
48) 2-Hexanone	8.072	43	365369	81.804	ug/L	98
49) Dibromochloromethane	8.169	129	247304	50.704	ug/L	97
50) 1,2-Dibromoethane	8.275	107	247469	50.254	ug/L	99
51) Chlorobenzene	8.805	112	663366	52.465	ug/L	100
52) Ethylbenzene	8.937	91	1153261	51.255	ug/L	100
53) m,p-Xylene	9.066	106	428523	50.951	ug/L	98
54) o-Xylene	9.471	106	418639	50.892	ug/L	98
55) Styrene	9.487	104	733673	52.045	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	322480	50.354	ug/L	98
59) Bromoform	9.657	173	158513	44.918	ug/L	97
60) Isopropylbenzene	9.860	105	1152730	49.637	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	258565	45.028	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	939634	48.599	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	928977	47.998	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	510573	51.126	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	521226	51.325	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	503753	51.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	61260	36.917	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	346026	48.825	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	327258	48.146	ug/L	99
71) Naphthalene	13.432	128	900235	41.301	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	324400	48.756	ug/L	98

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

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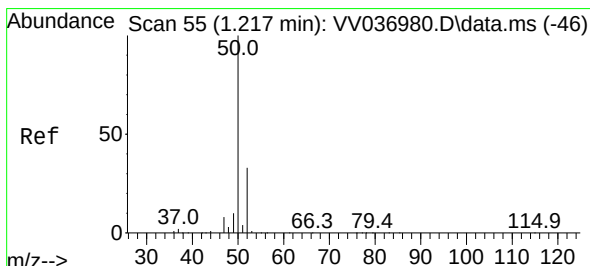
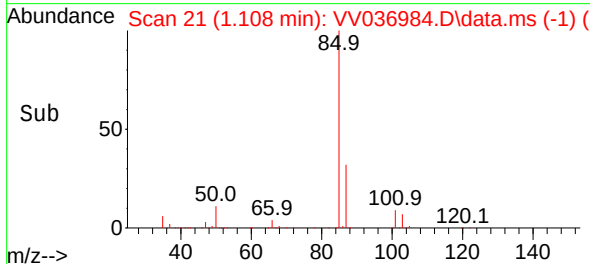
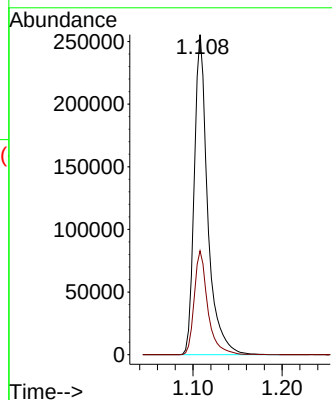
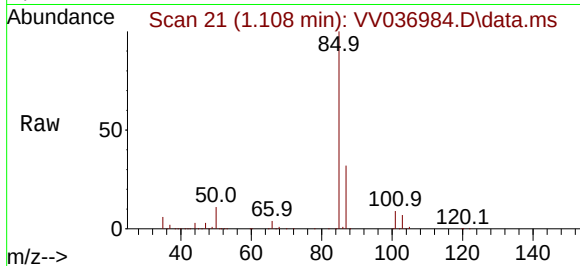




#2
 Dichlorodifluoromethane
 Concen: 52.225 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036984.D
 Acq: 20 Aug 2024 15:01

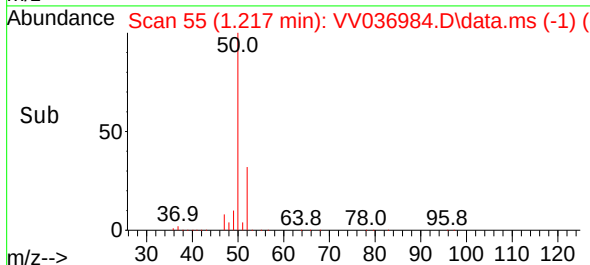
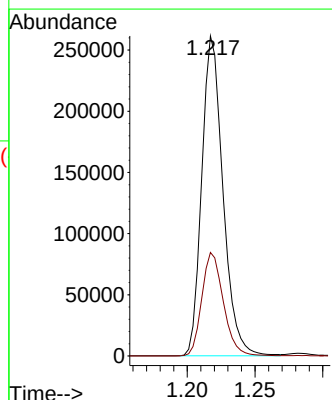
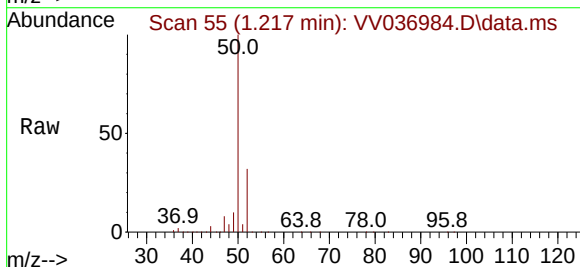
Instrument :
 MSVOA_V
 ClientSampleId :

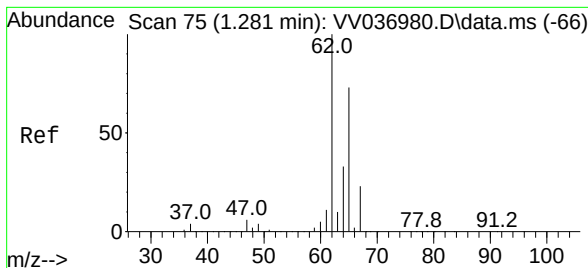
Tgt Ion: 85 Resp: 268221
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 52.932 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036984.D
 Acq: 20 Aug 2024 15:01

Tgt Ion: 50 Resp: 284503
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8





#5

Vinyl chloride

Concen: 52.424 ug/L

RT: 1.285 min Scan# 75

Delta R.T. 0.003 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

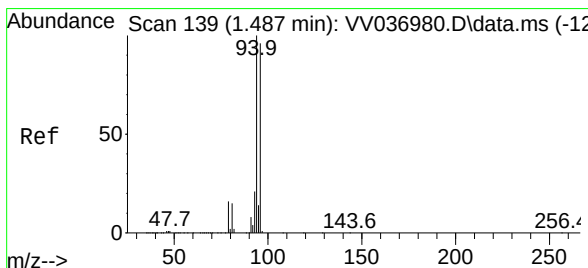
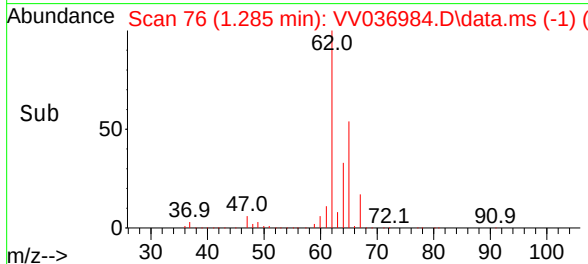
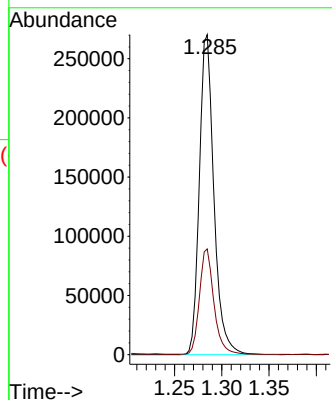
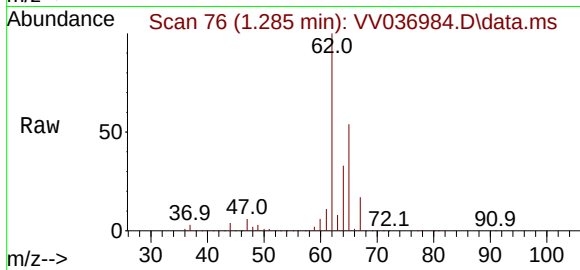
ClientSampleId :

Tgt Ion: 62 Resp: 289363

Ion Ratio Lower Upper

62 100

64 33.1 23.6 43.8



#6

Bromomethane

Concen: 52.148 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036984.D

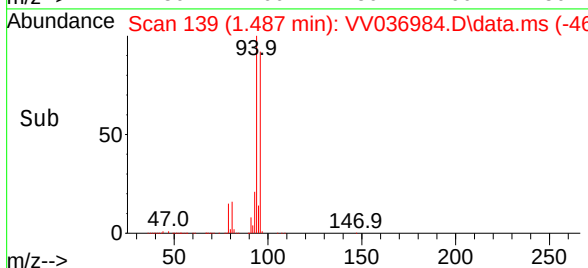
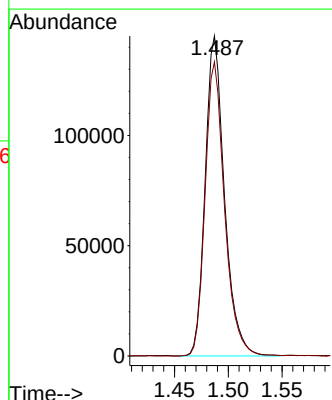
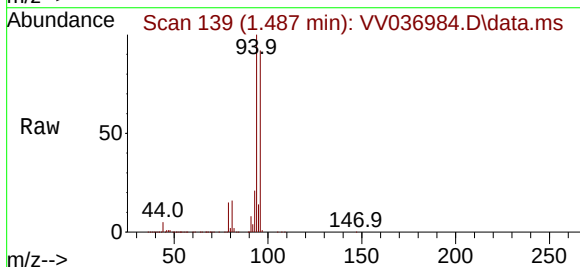
Acq: 20 Aug 2024 15:01

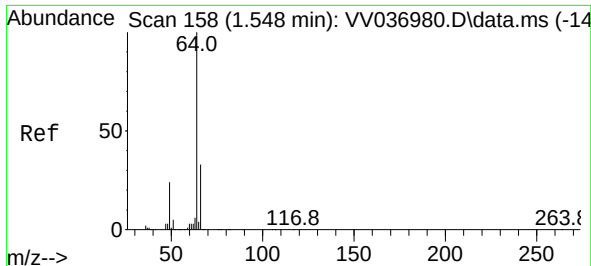
Tgt Ion: 94 Resp: 181223

Ion Ratio Lower Upper

94 100

96 91.9 65.5 121.7

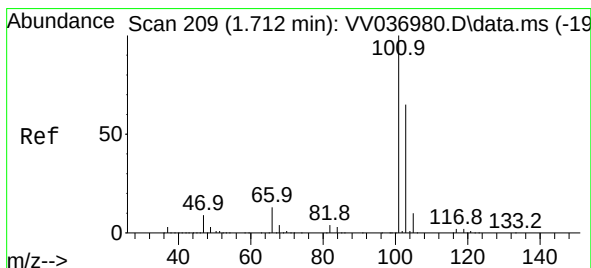
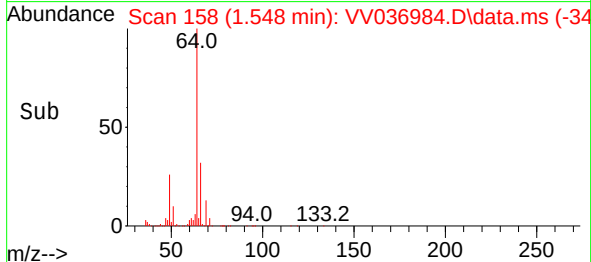
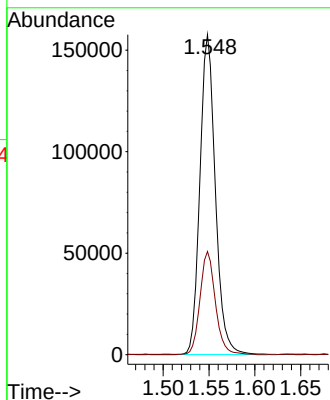
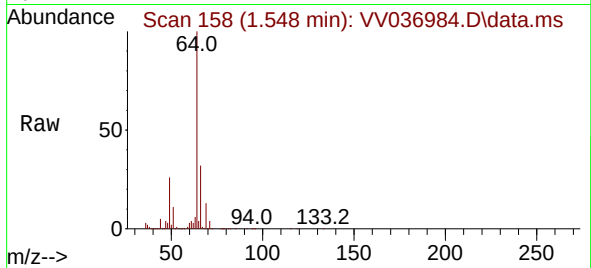




#8
Chloroethane
Concen: 53.793 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

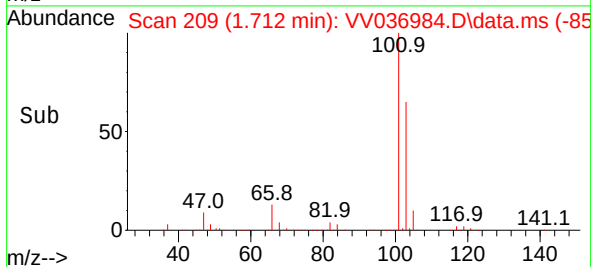
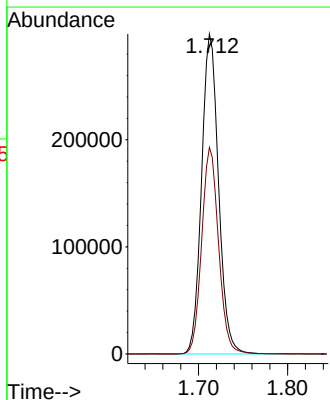
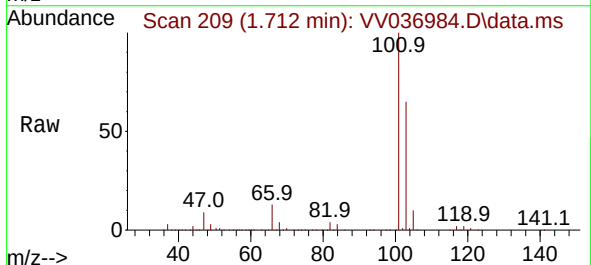
Instrument :
MSVOA_V
ClientSampleId :

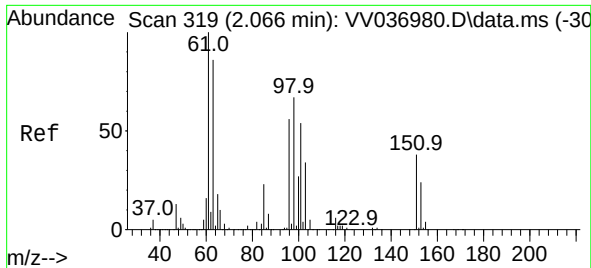
Tgt Ion: 64 Resp: 183918
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 54.698 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion:101 Resp: 395465
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

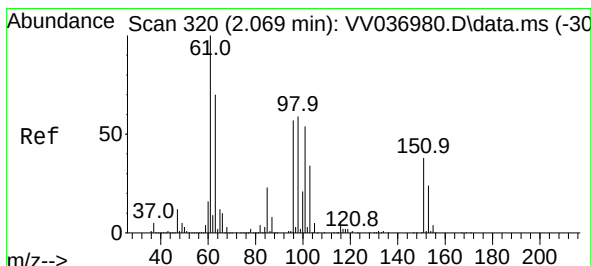
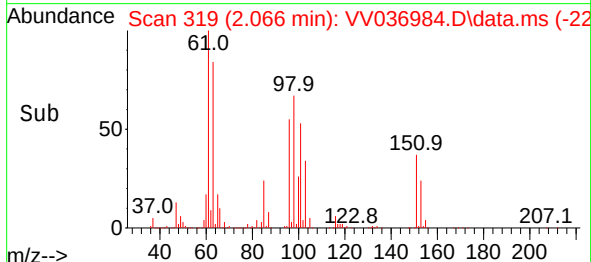
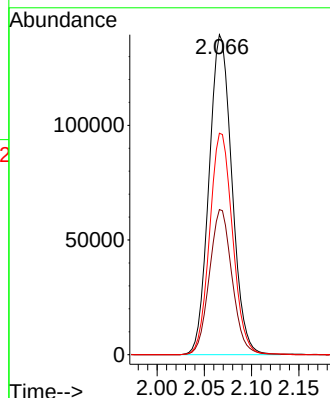
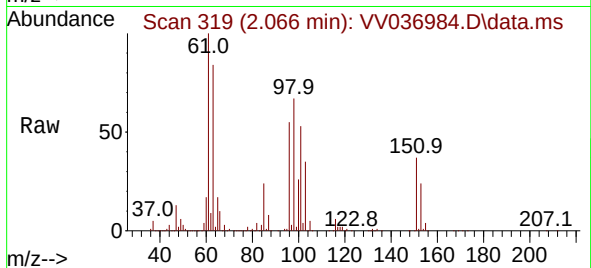




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.253 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

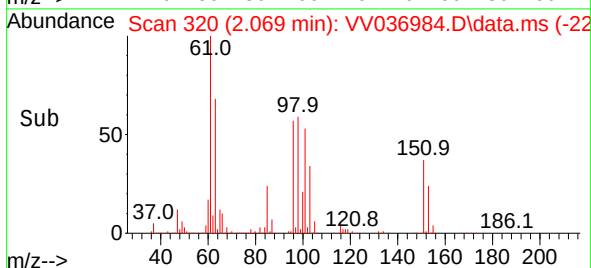
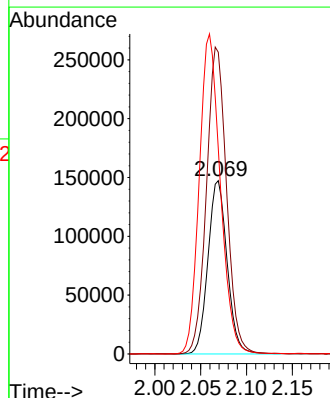
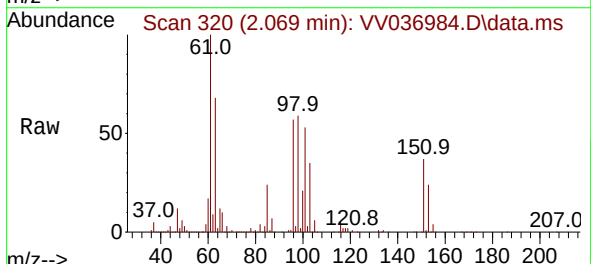
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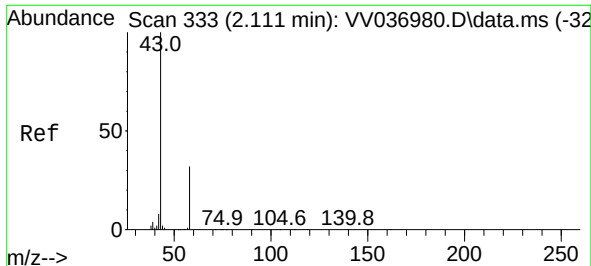
Tgt Ion:101 Resp: 235390
Ion Ratio Lower Upper
101 100
85 45.0 34.6 51.8
151 69.4 55.9 83.9



#12
1,1-Dichloroethene
Concen: 52.631 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 96 Resp: 214145
Ion Ratio Lower Upper
96 100
61 174.2 125.6 233.2
63 118.7 95.1 176.7

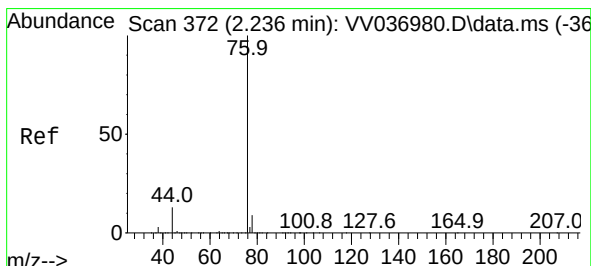
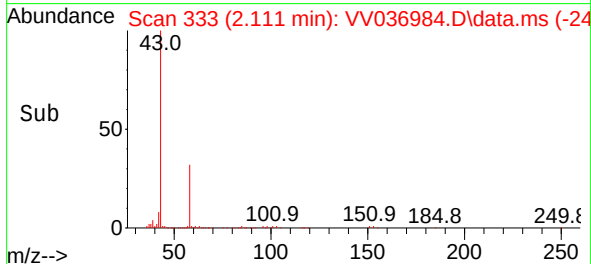
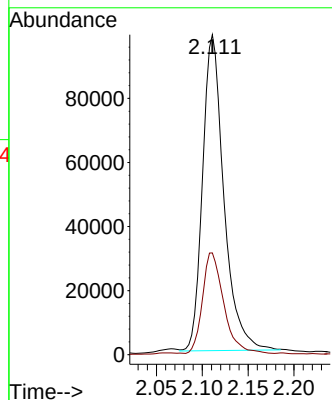
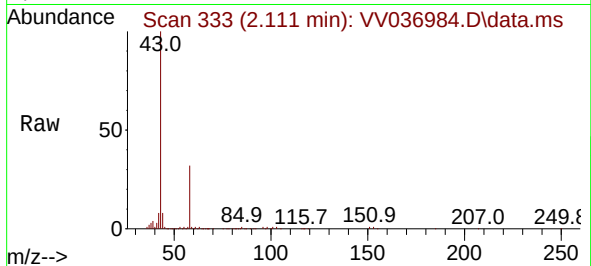




#13
Acetone
Concen: 69.925 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

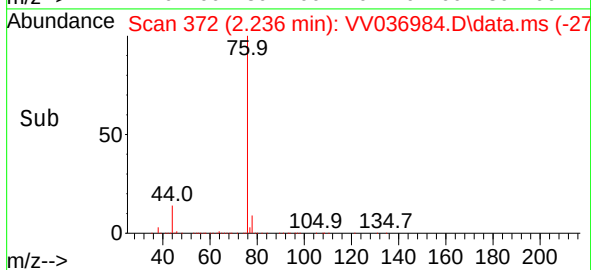
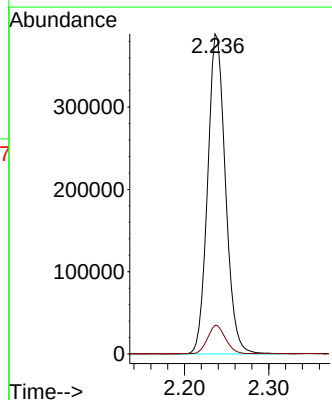
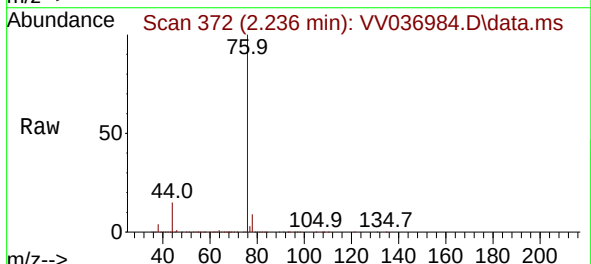
Instrument :
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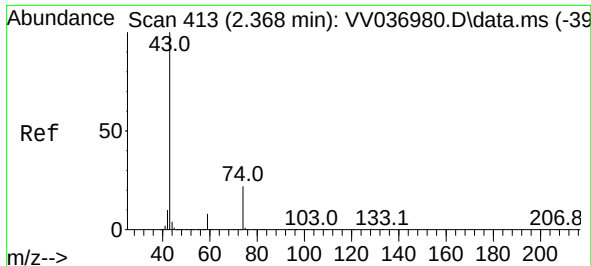
Tgt Ion: 43 Resp: 159472
Ion Ratio Lower Upper
43 100
58 31.7 0.0 63.4



#14
Carbon disulfide
Concen: 44.869 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 76 Resp: 573475
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 44.938 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

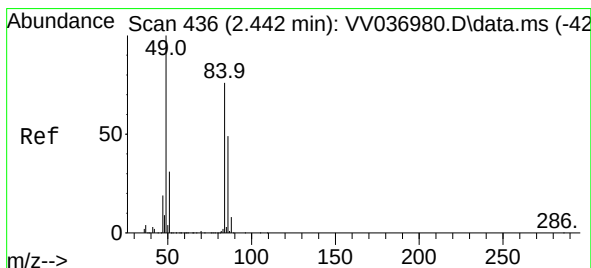
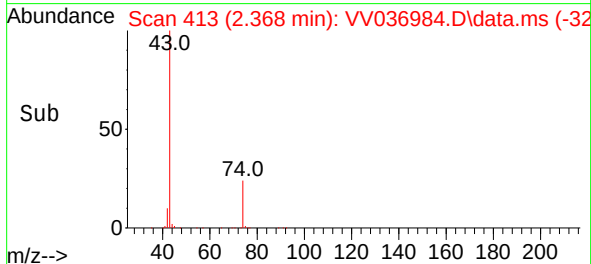
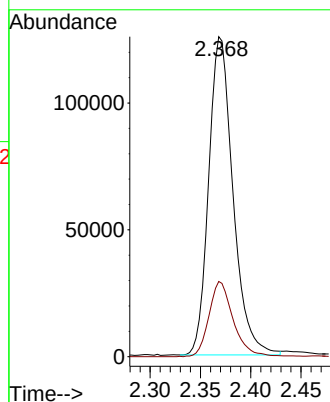
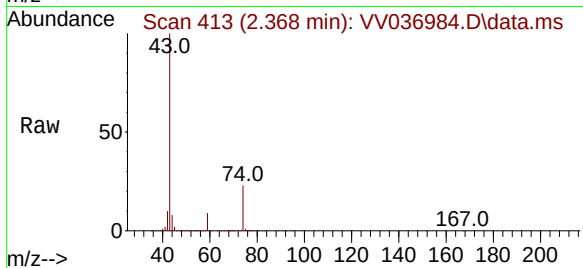
ClientSampleId :

Tgt Ion: 43 Resp: 211127

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.4



#16

Methylene chloride

Concen: 54.646 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

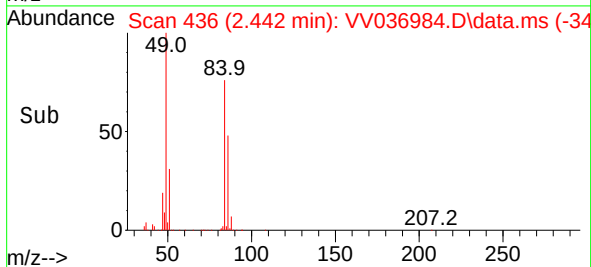
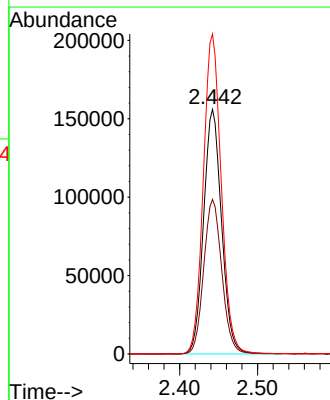
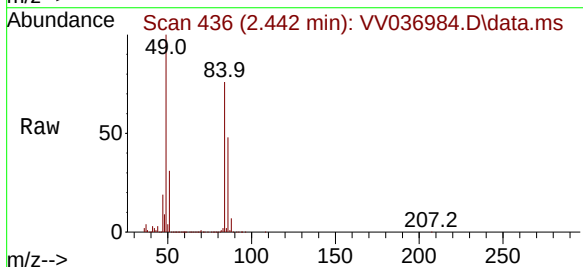
Tgt Ion: 84 Resp: 249962

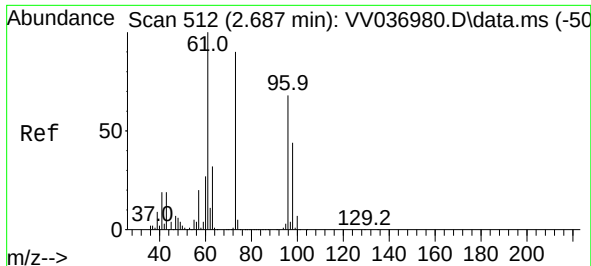
Ion Ratio Lower Upper

84 100

86 63.1 44.3 82.3

49 130.8 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 53.119 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :

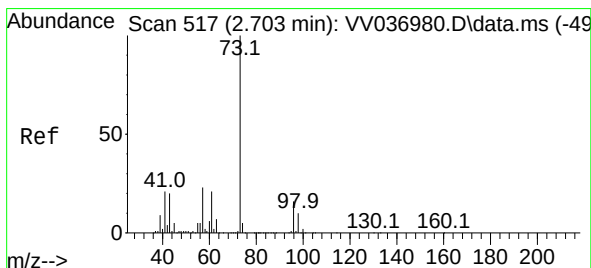
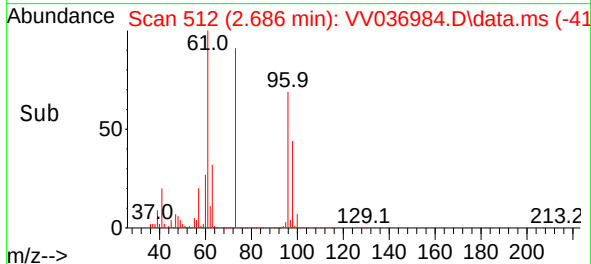
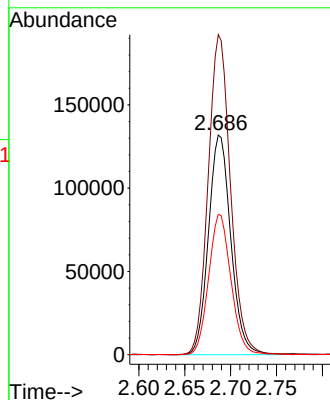
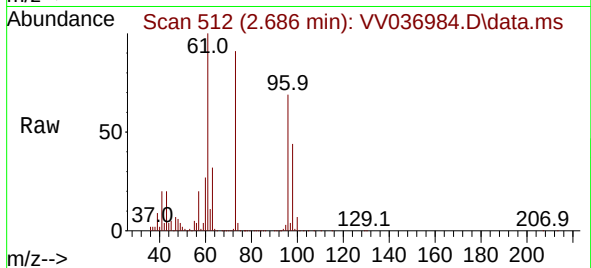
Tgt Ion: 96 Resp: 223874

Ion Ratio Lower Upper

96 100

61 145.7 100.0 185.8

98 63.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 50.352 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

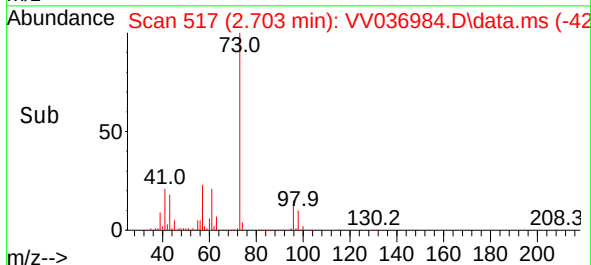
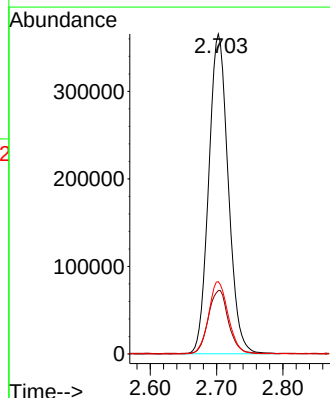
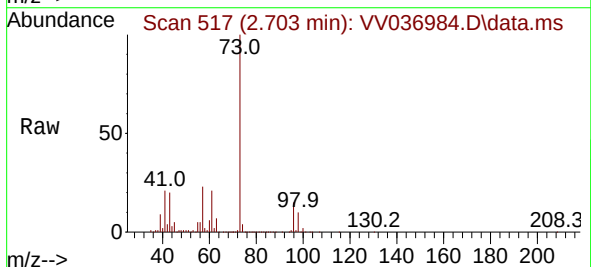
Tgt Ion: 73 Resp: 747404

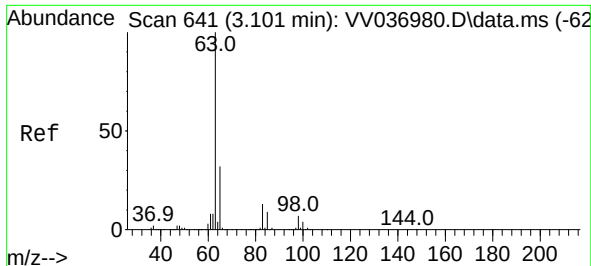
Ion Ratio Lower Upper

73 100

43 20.2 16.1 24.1

57 22.7 17.9 26.9

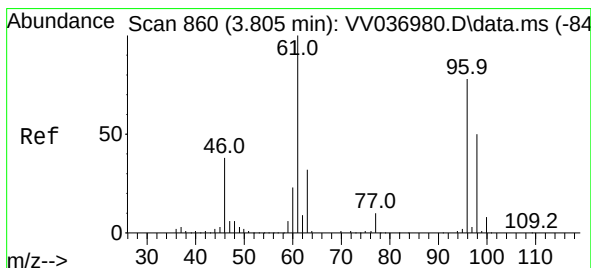
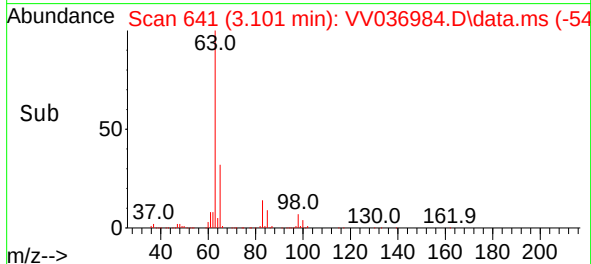
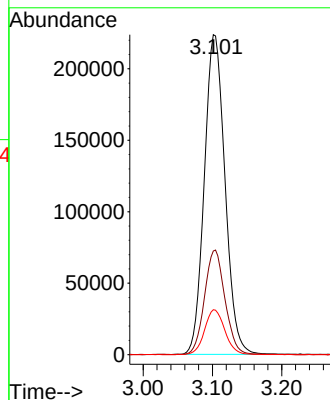
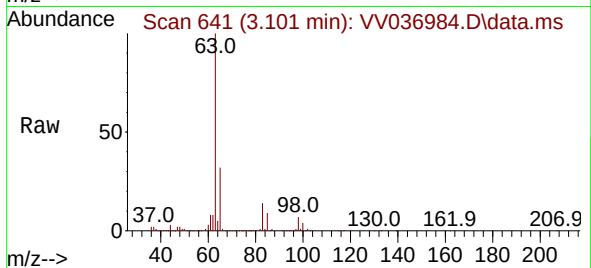




#19
1,1-Dichloroethane
Concen: 54.456 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

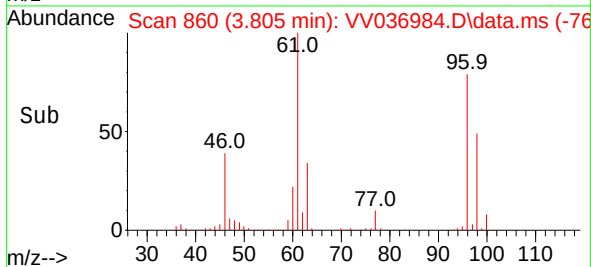
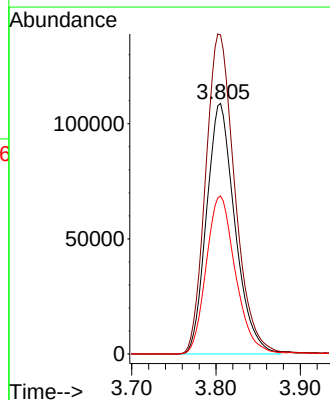
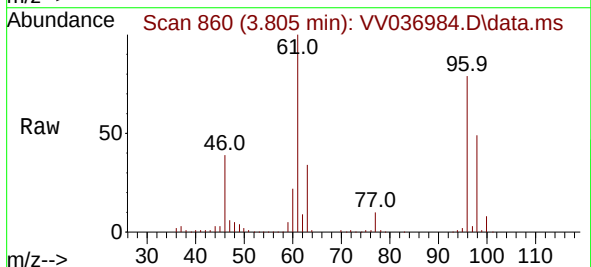
Instrument :
MSVOA_V
ClientSampleId :

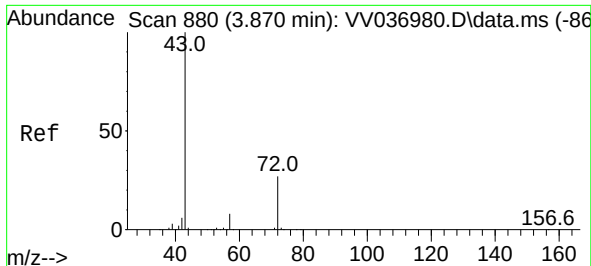
Tgt Ion: 63 Resp: 463691
Ion Ratio Lower Upper
63 100
65 32.4 23.2 43.0
83 14.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.593 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 96 Resp: 255218
Ion Ratio Lower Upper
96 100
61 127.3 93.9 174.5
98 63.0 46.0 85.4

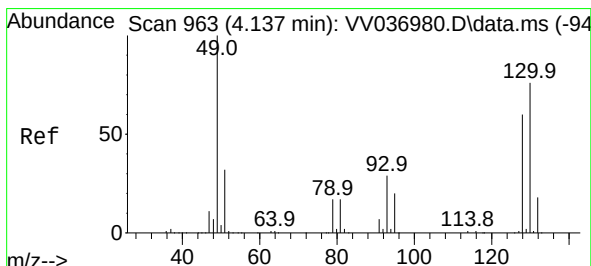
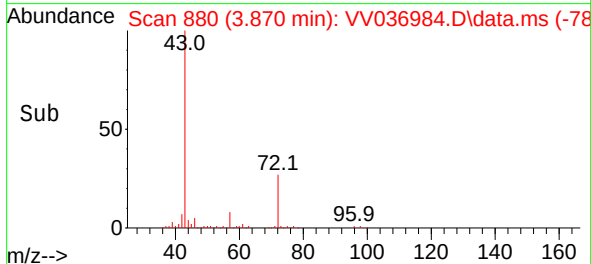
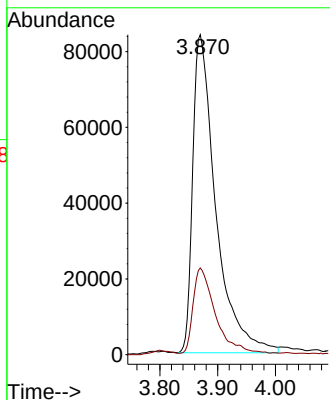
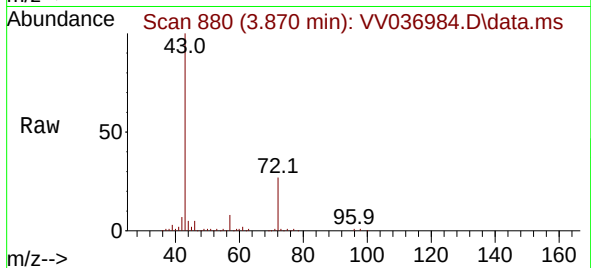




#22
2-Butanone
Concen: 76.339 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

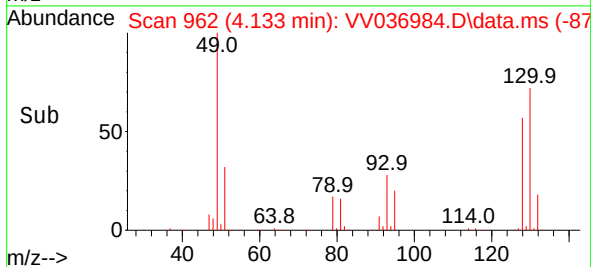
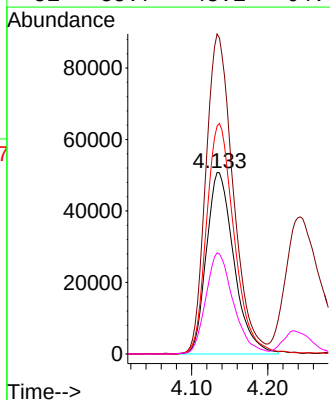
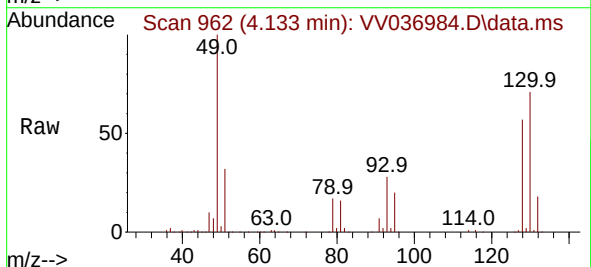
Instrument :
MSVOA_V
ClientSampleId :

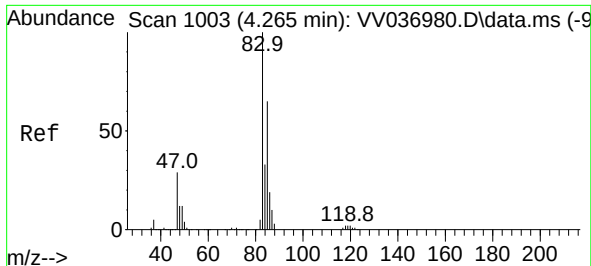
Tgt Ion: 43 Resp: 233231
Ion Ratio Lower Upper
43 100
72 24.4 12.5 37.5



#23
Bromochloromethane
Concen: 53.095 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 128 Resp: 127584
Ion Ratio Lower Upper
128 100
49 176.4 120.0 223.0
130 125.5 87.0 161.6
51 55.7 43.1 64.7





#25

Chloroform

Concen: 53.896 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

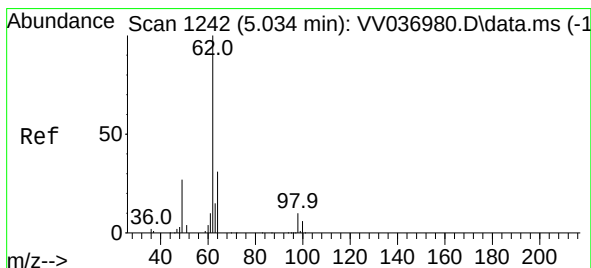
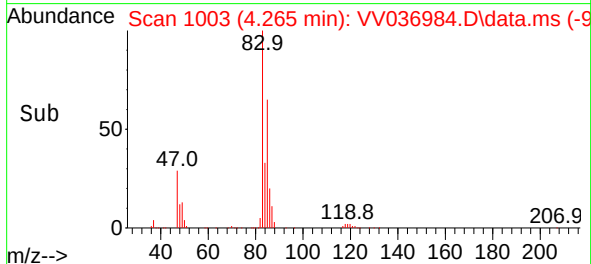
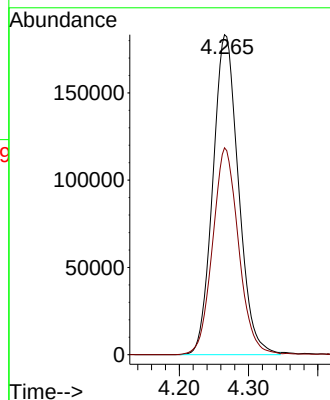
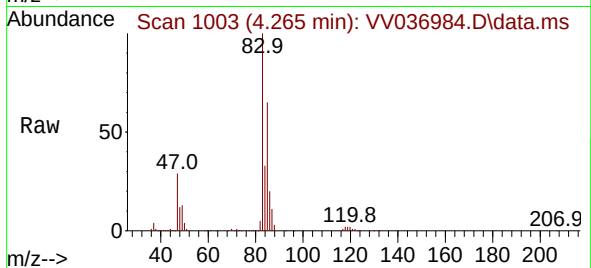
ClientSampleId :

Tgt Ion: 83 Resp: 471358

Ion Ratio Lower Upper

83 100

85 64.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.102 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV036984.D

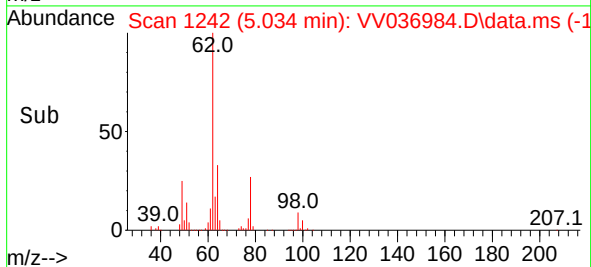
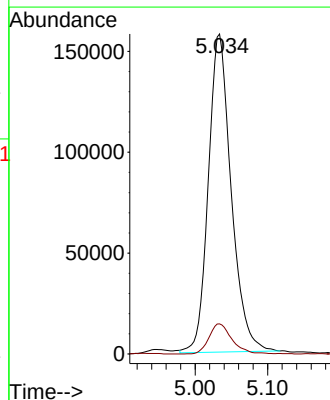
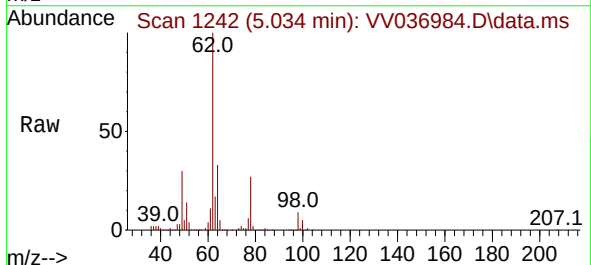
Acq: 20 Aug 2024 15:01

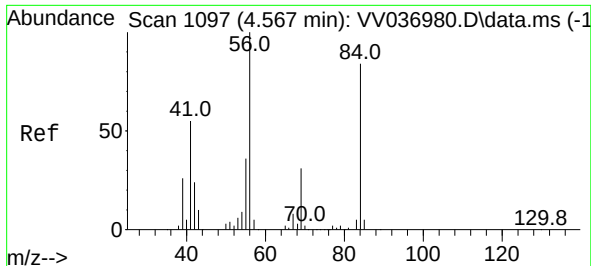
Tgt Ion: 62 Resp: 345632

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 47.665 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :

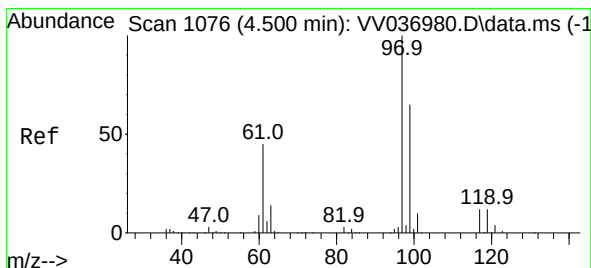
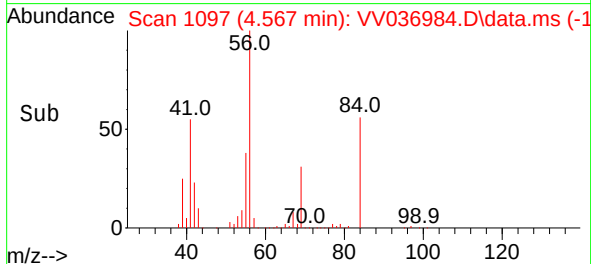
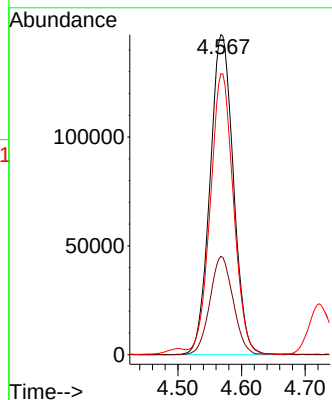
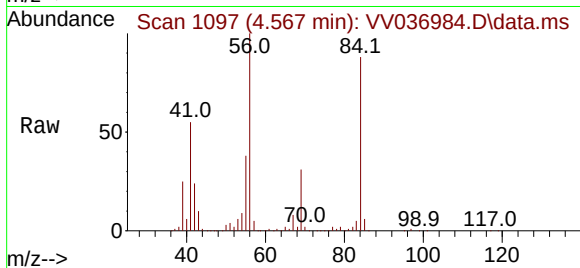
Tgt Ion: 56 Resp: 375652

Ion Ratio Lower Upper

56 100

69 30.5 24.7 37.1

84 86.4 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 50.379 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

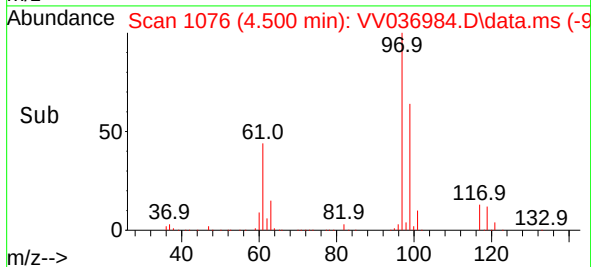
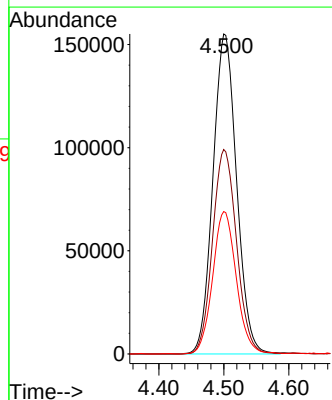
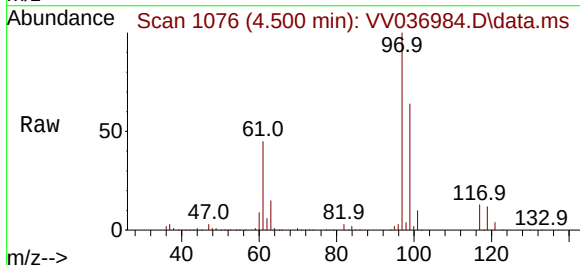
Tgt Ion: 97 Resp: 392603

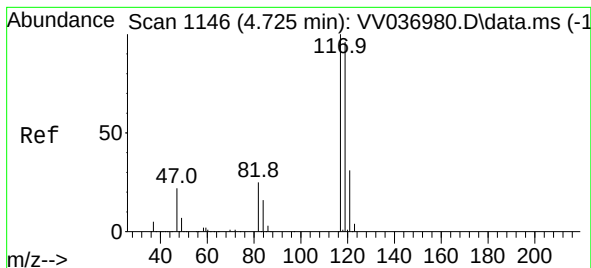
Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

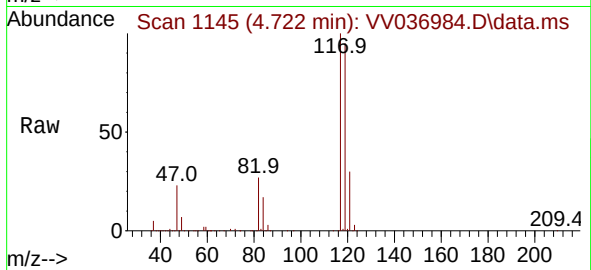
61 44.5 36.0 54.0



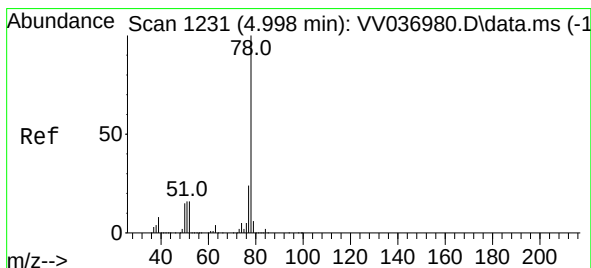
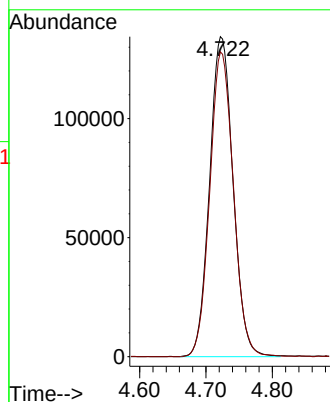
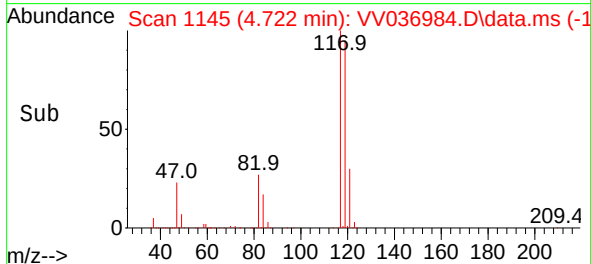


#31
Carbon tetrachloride
Concen: 50.482 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :

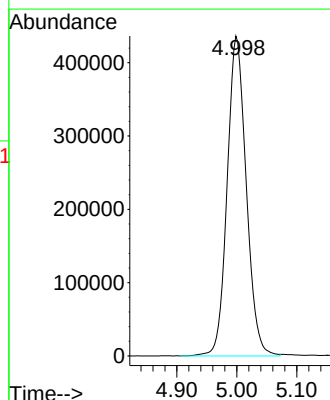
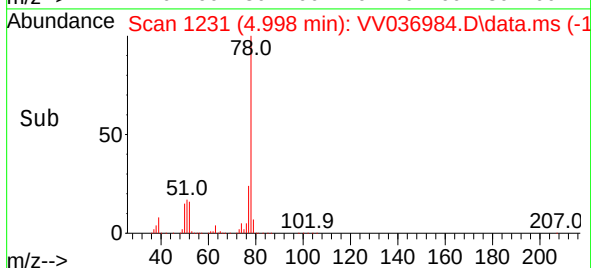
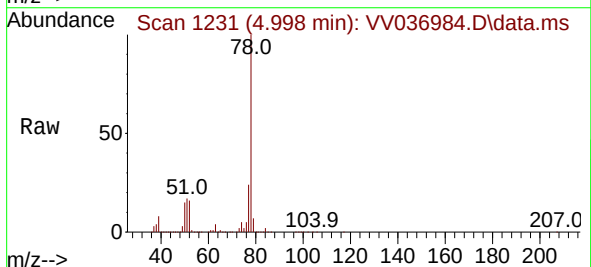


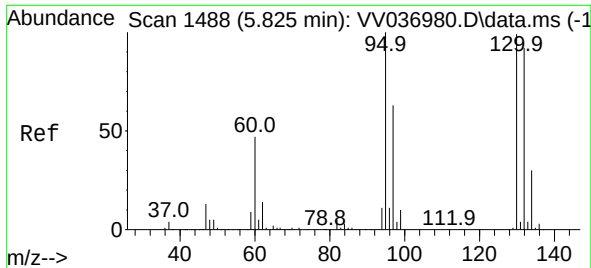
Tgt Ion:117 Resp: 330385
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1



#33
Benzene
Concen: 51.985 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 78 Resp: 961760

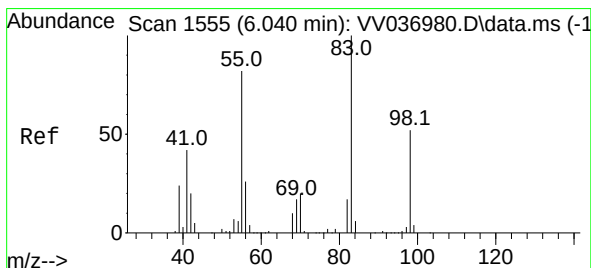
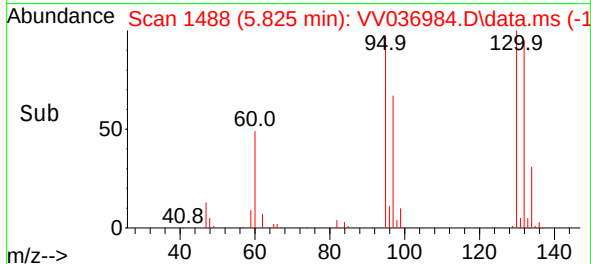
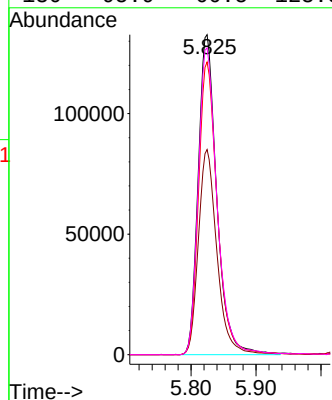
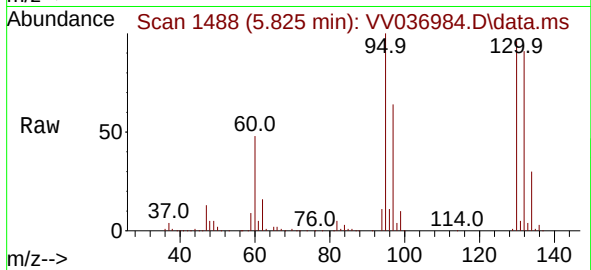




#34
Trichloroethene
Concen: 49.394 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

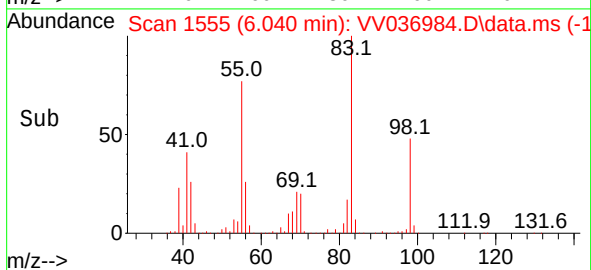
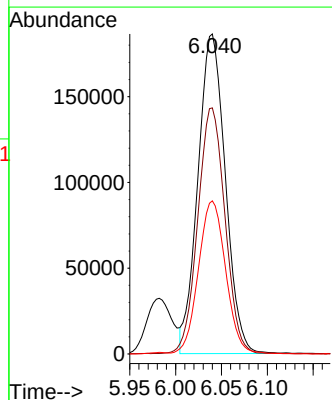
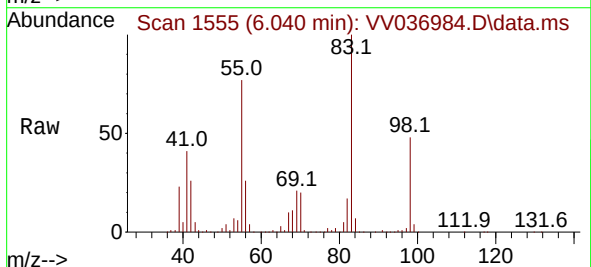
Instrument :
MSVOA_V
ClientSampleId :

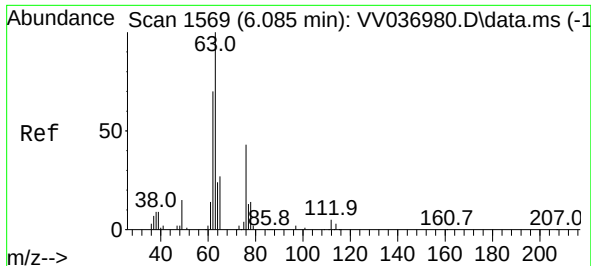
Tgt Ion: 95 Resp: 264842
Ion Ratio Lower Upper
95 100
97 64.1 44.7 82.9
132 91.4 62.9 116.9
130 95.9 66.5 123.5



#35
Methylcyclohexane
Concen: 47.084 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 83 Resp: 387387
Ion Ratio Lower Upper
83 100
55 76.5 62.3 93.5
98 47.6 38.7 58.1

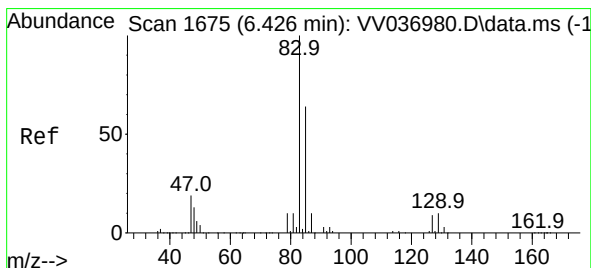
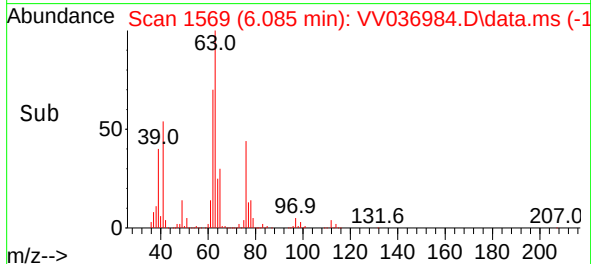
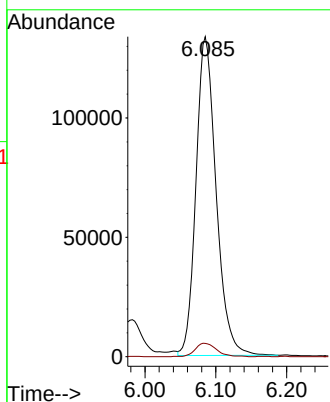
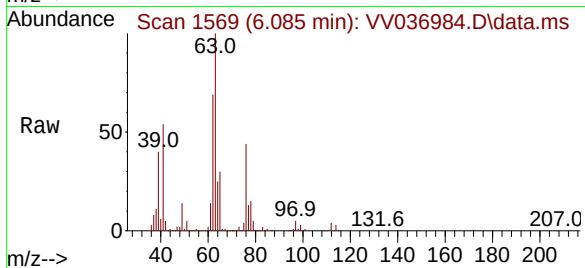




#37
1,2-Dichloropropane
Concen: 53.775 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

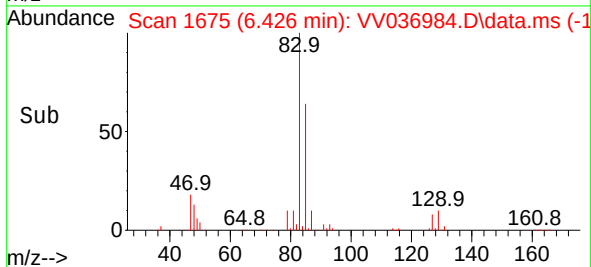
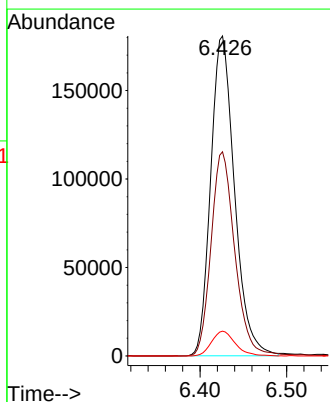
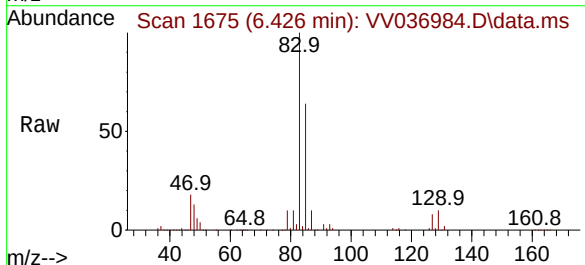
Instrument :
MSVOA_V
ClientSampleId :

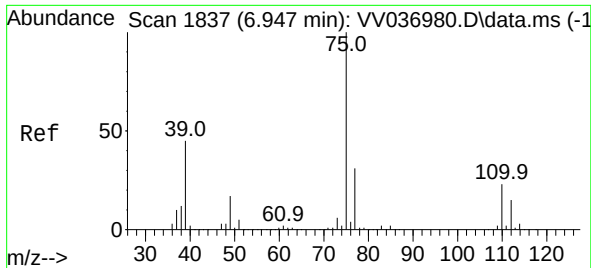
Tgt Ion: 63 Resp: 263549
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 51.119 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 83 Resp: 345001
Ion Ratio Lower Upper
83 100
85 63.8 44.7 83.1
127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 49.652 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

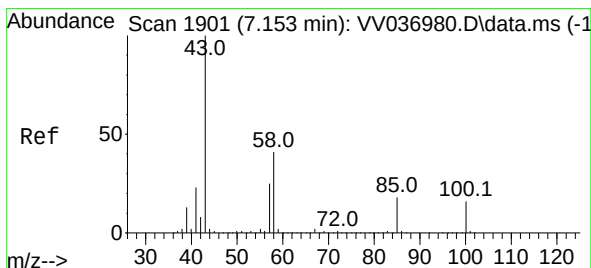
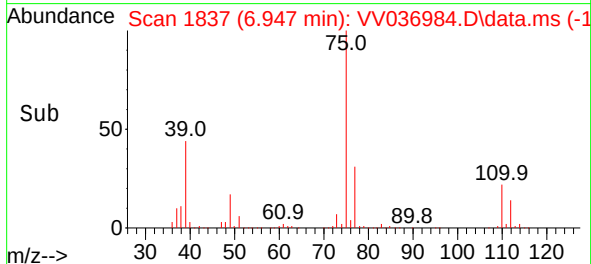
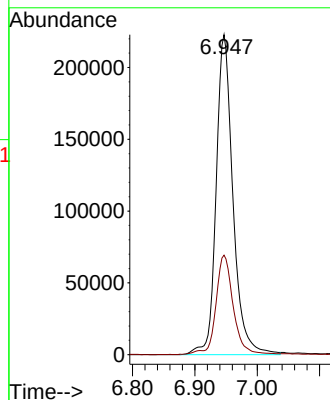
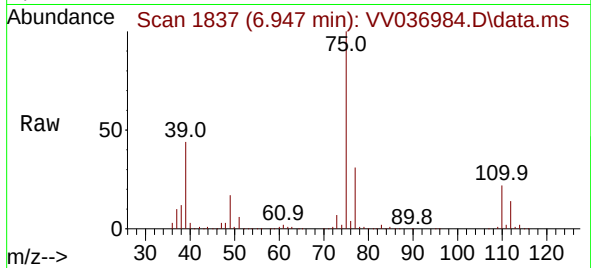
ClientSampleId :

Tgt Ion: 75 Resp: 416757

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 84.298 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

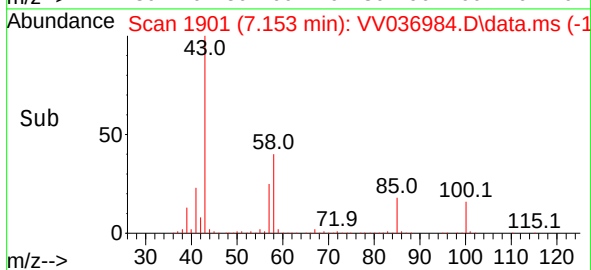
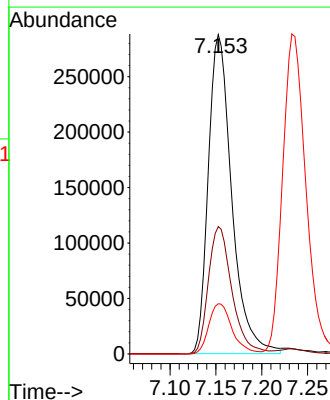
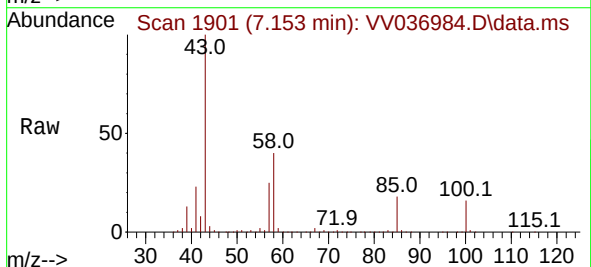
Tgt Ion: 43 Resp: 511789

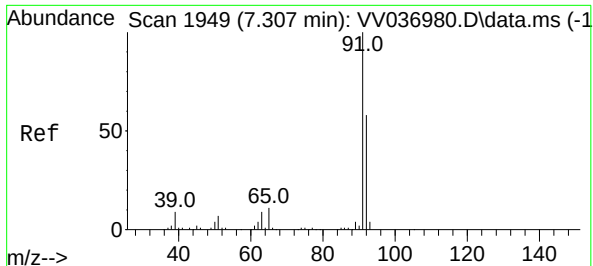
Ion Ratio Lower Upper

43 100

58 39.9 31.3 46.9

100 15.6 12.6 18.8

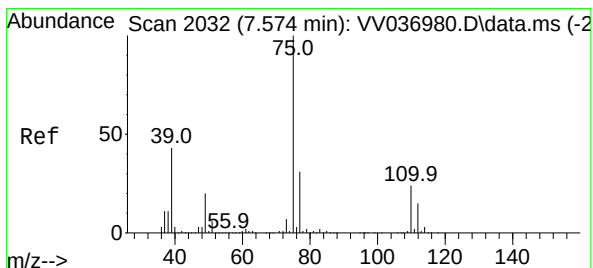
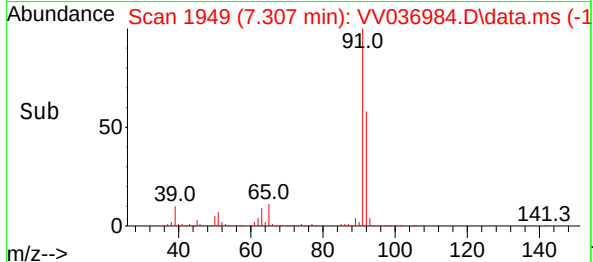
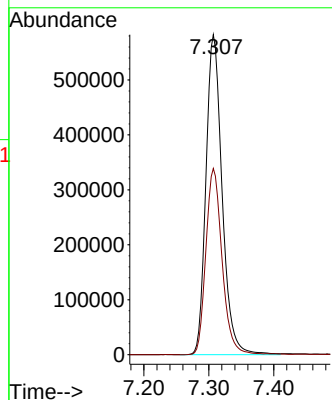
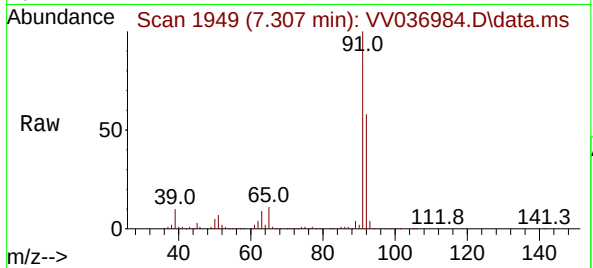




#42
Toluene
Concen: 51.239 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

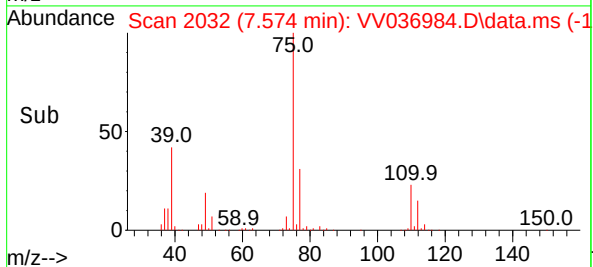
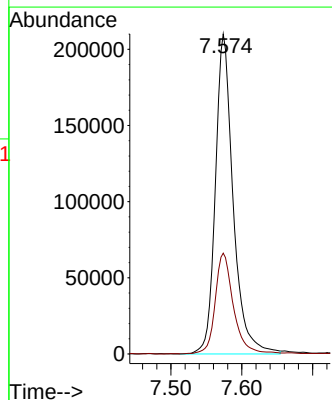
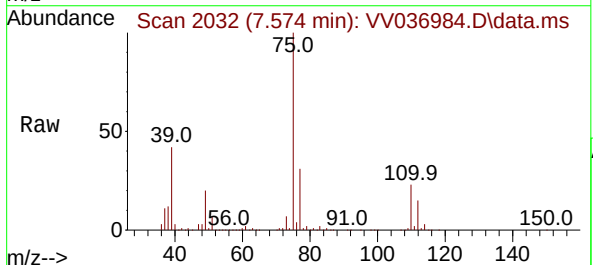
Instrument :
MSVOA_V
ClientSampleId :

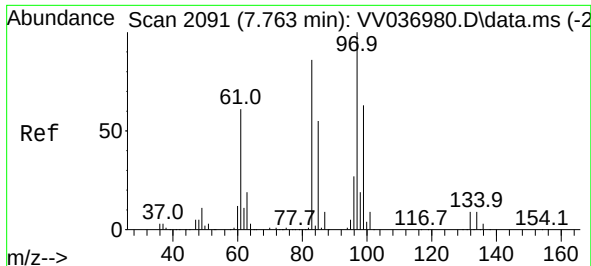
Tgt Ion: 91 Resp: 1009694
Ion Ratio Lower Upper
91 100
92 58.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 46.795 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 75 Resp: 366010
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6



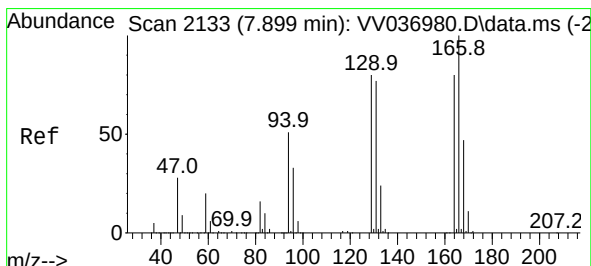
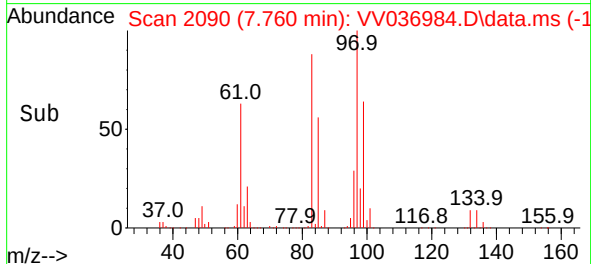
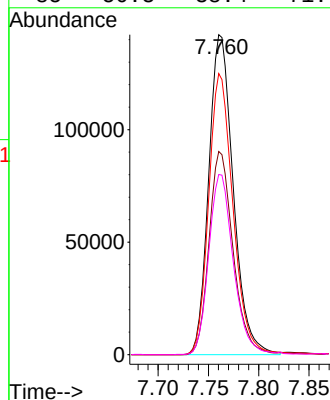
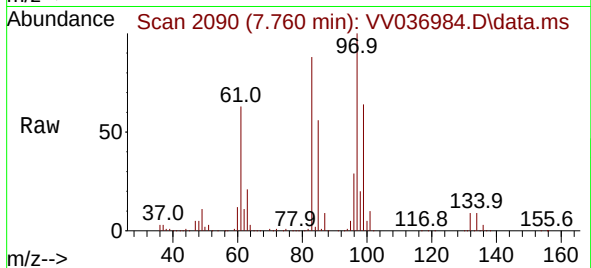


#45
1,1,2-Trichloroethane
Concen: 50.852 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 241353

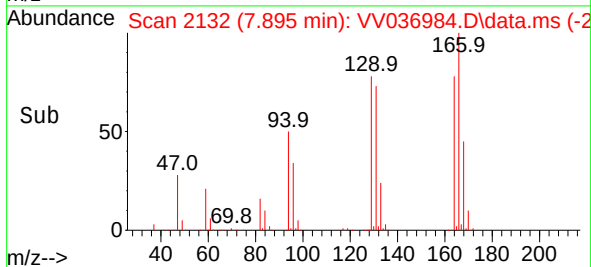
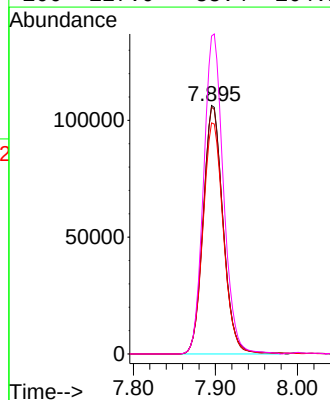
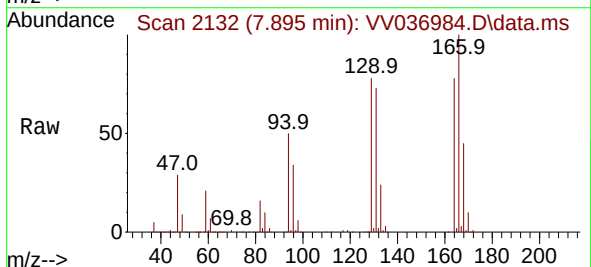
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.0	81.6
83	87.9	60.1	111.5
85	56.3	38.4	71.4

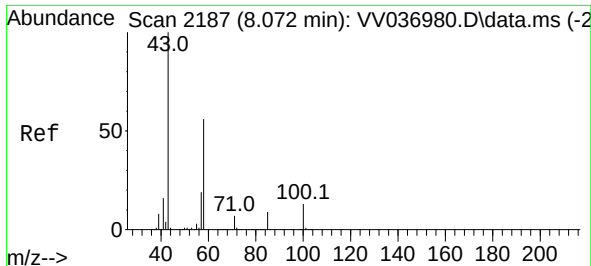


#46
Tetrachloroethene
Concen: 50.819 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 164 Resp: 178730

Ion	Ratio	Lower	Upper
164	100		
129	99.3	70.4	130.8
131	92.9	67.7	125.7
166	127.9	88.4	164.2





#48

2-Hexanone

Concen: 81.804 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 365369

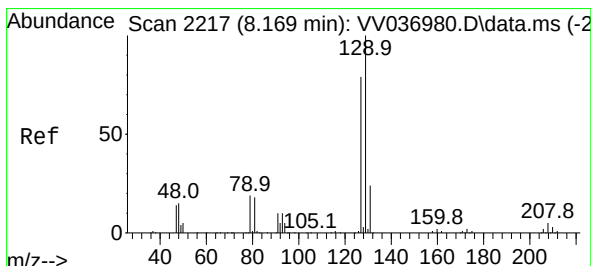
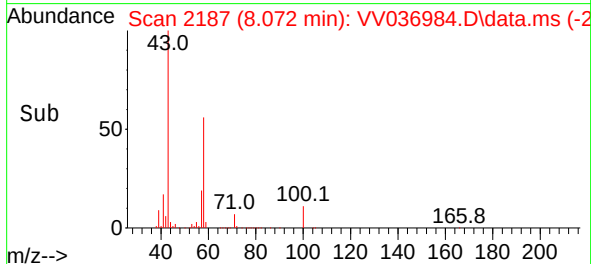
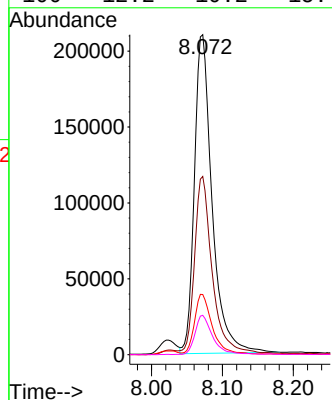
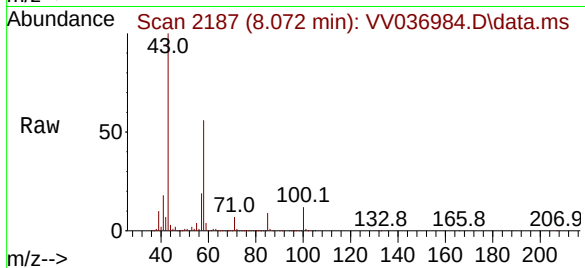
Ion Ratio Lower Upper

43 100

58 54.1 44.7 67.1

57 18.6 15.0 22.4

100 12.2 10.2 15.4



#49

Dibromochloromethane

Concen: 50.704 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV036984.D

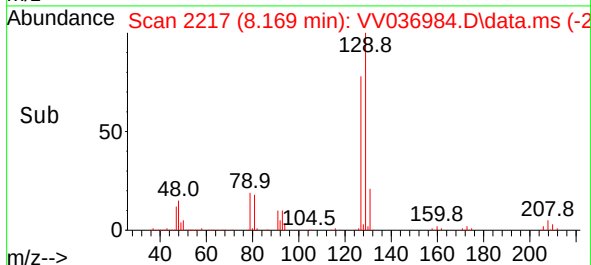
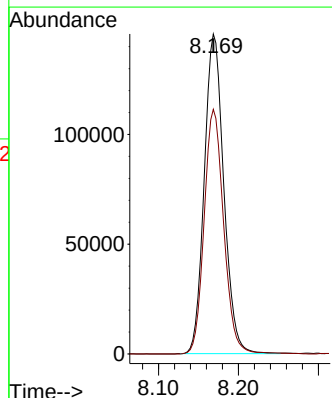
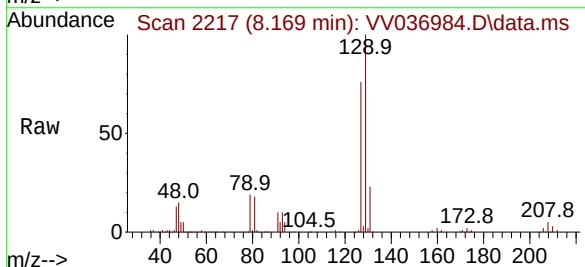
Acq: 20 Aug 2024 15:01

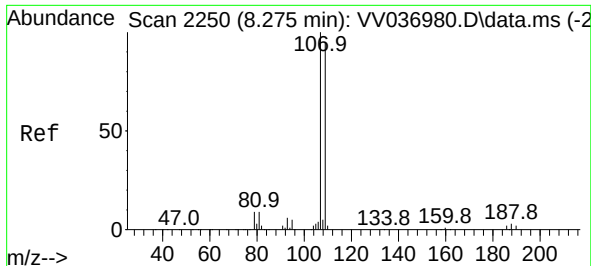
Tgt Ion: 129 Resp: 247304

Ion Ratio Lower Upper

129 100

127 76.5 55.4 102.8





#50

1,2-Dibromoethane

Concen: 50.254 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :

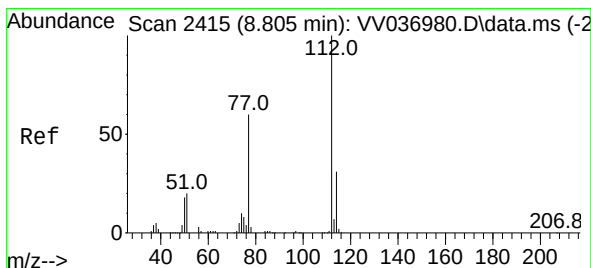
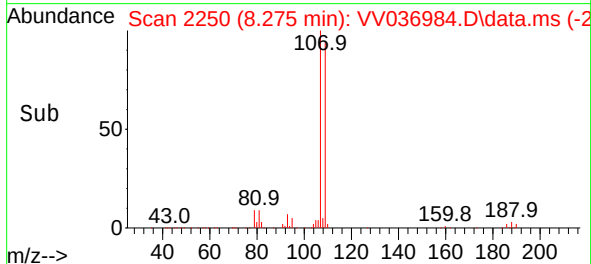
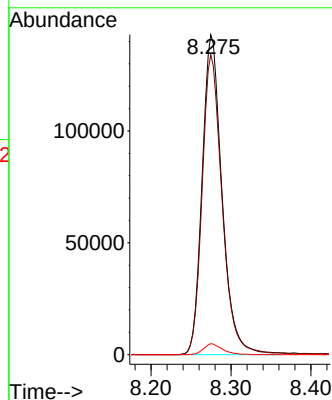
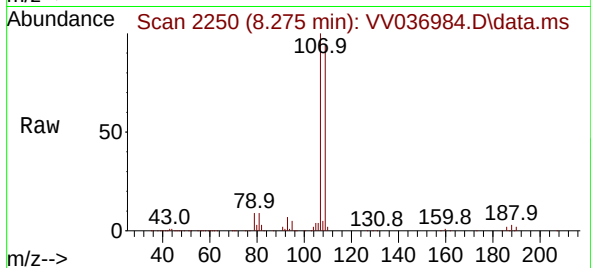
Tgt Ion:107 Resp: 247469

Ion Ratio Lower Upper

107 100

109 93.7 64.7 120.1

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 52.465 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

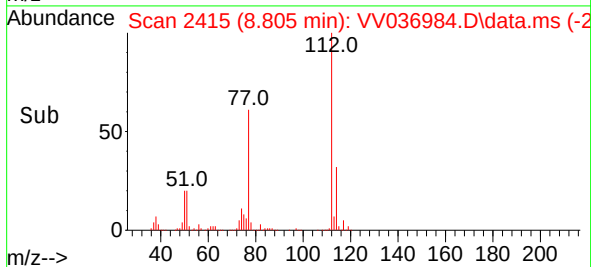
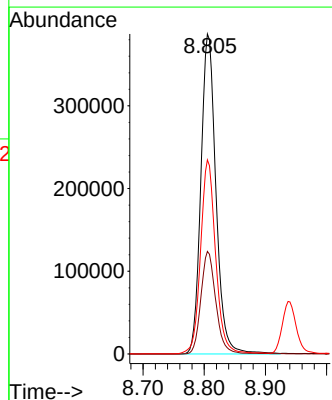
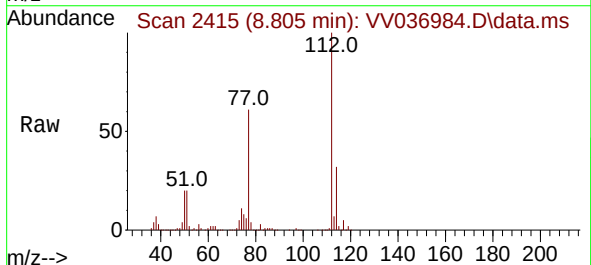
Tgt Ion:112 Resp: 663366

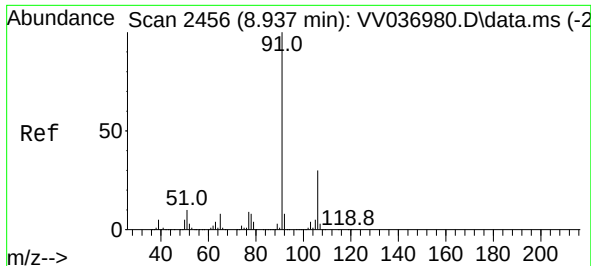
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 60.7 48.9 73.3





#52

Ethylbenzene

Concen: 51.255 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

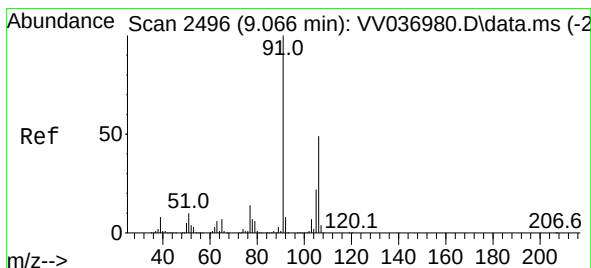
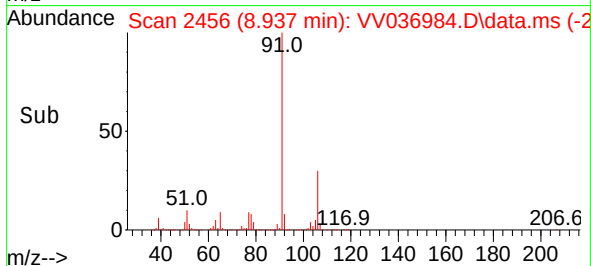
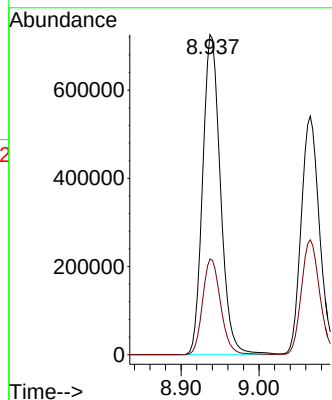
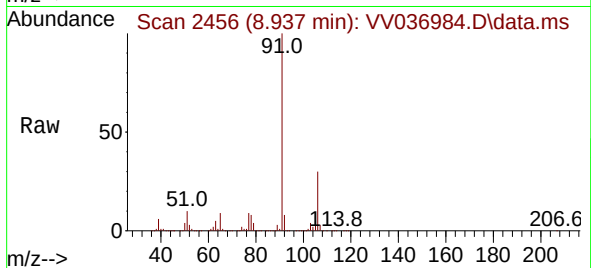
ClientSampleId :

Tgt Ion: 91 Resp: 1153261

Ion Ratio Lower Upper

91 100

106 29.9 21.1 39.1



#53

m,p-Xylene

Concen: 50.951 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV036984.D

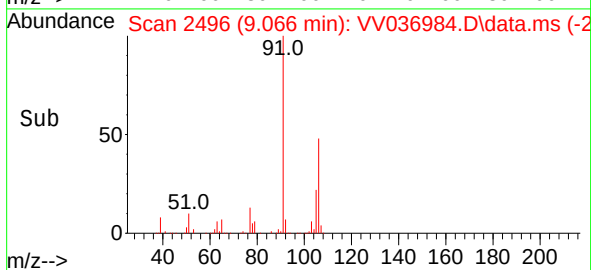
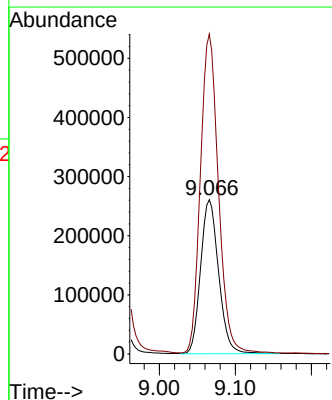
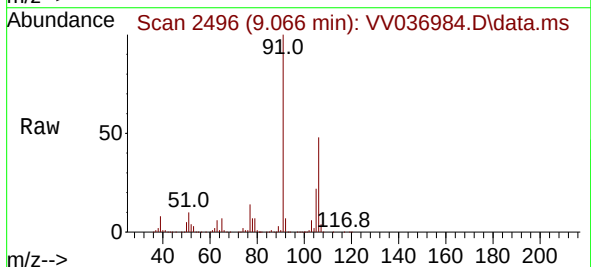
Acq: 20 Aug 2024 15:01

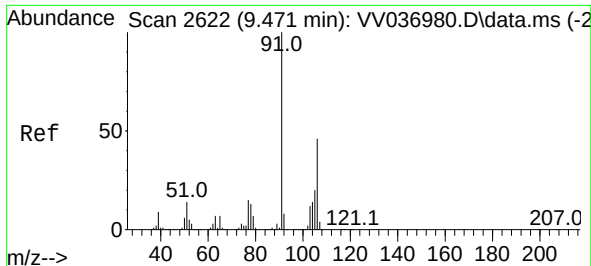
Tgt Ion:106 Resp: 428523

Ion Ratio Lower Upper

106 100

91 207.6 147.1 273.3

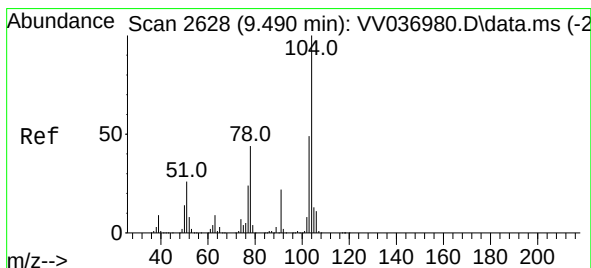
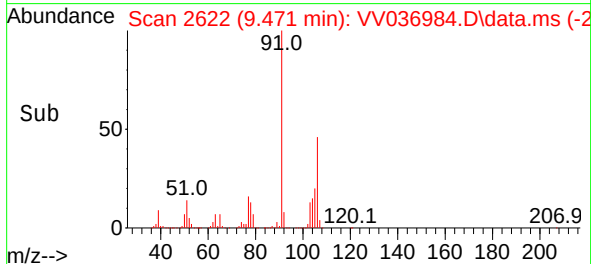
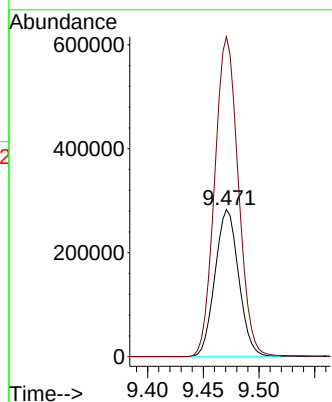
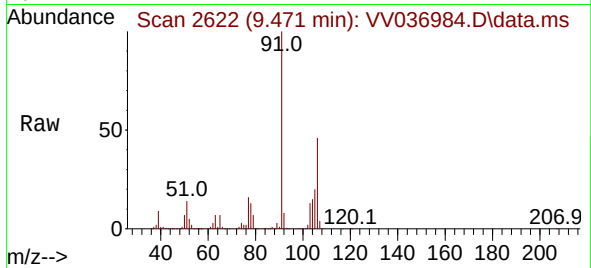




#54
o-Xylene
Concen: 50.892 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

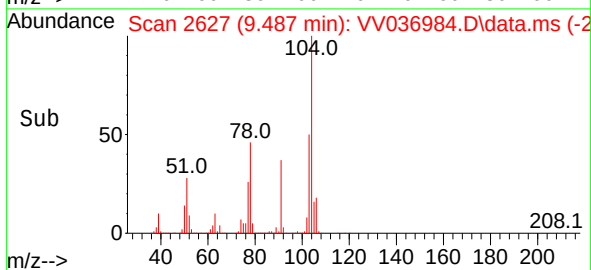
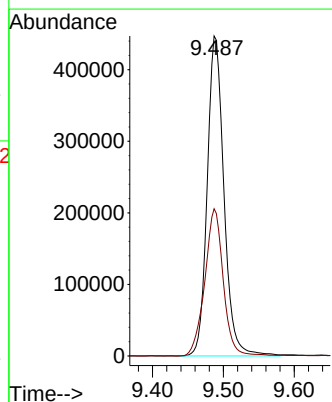
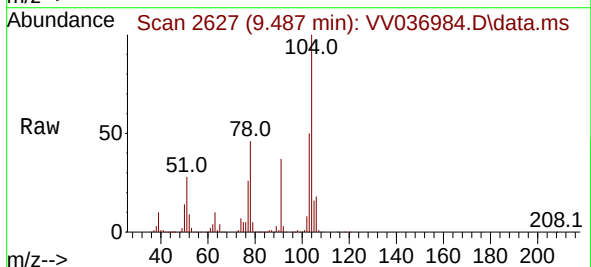
Instrument :
MSVOA_V
ClientSampleId :

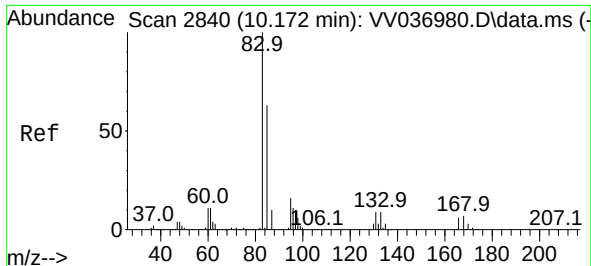
Tgt Ion:106 Resp: 418639
Ion Ratio Lower Upper
106 100
91 217.3 154.5 286.9



#55
Styrene
Concen: 52.045 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion:104 Resp: 733673
Ion Ratio Lower Upper
104 100
78 46.0 32.1 59.7

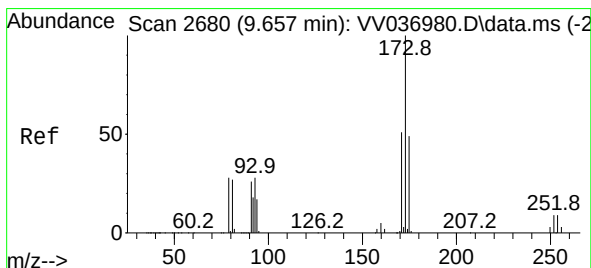
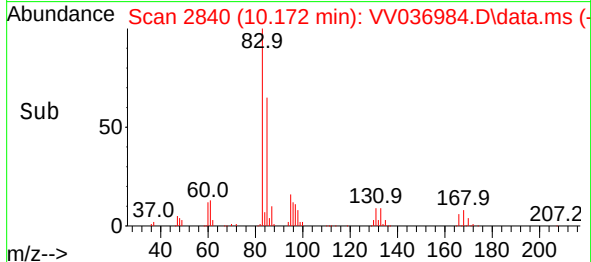
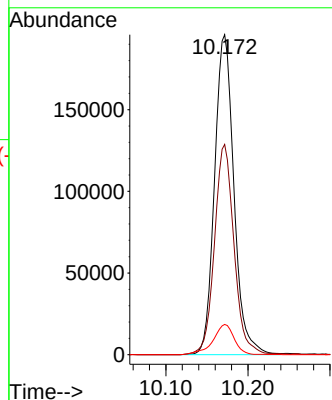
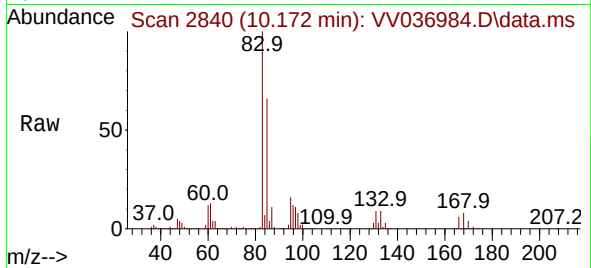




#57
1,1,2,2-Tetrachloroethane
Concen: 50.354 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

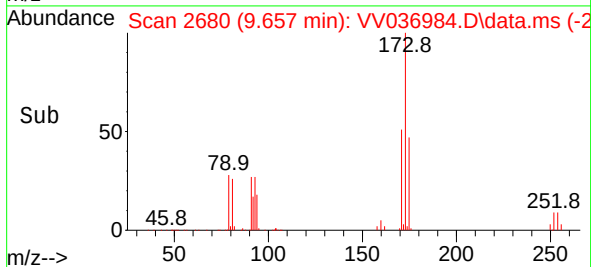
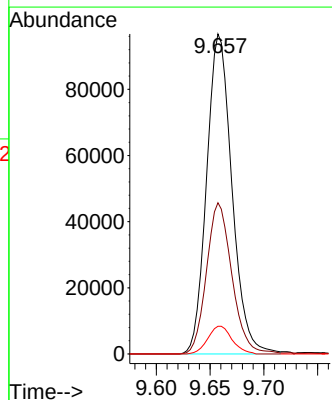
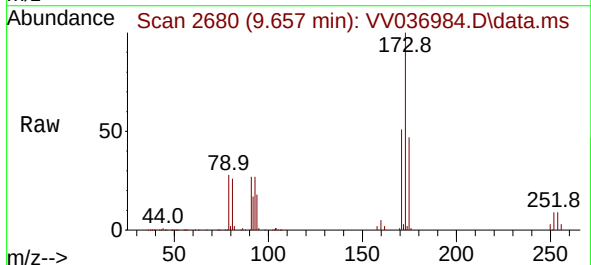
Instrument :
MSVOA_V
ClientSampleId :

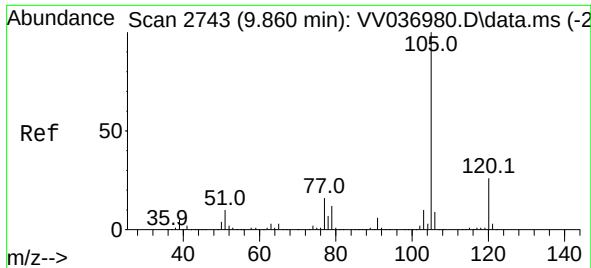
Tgt Ion: 83 Resp: 322480
Ion Ratio Lower Upper
83 100
85 65.7 44.7 83.1
131 9.4 7.2 10.8



#59
Bromoform
Concen: 44.918 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

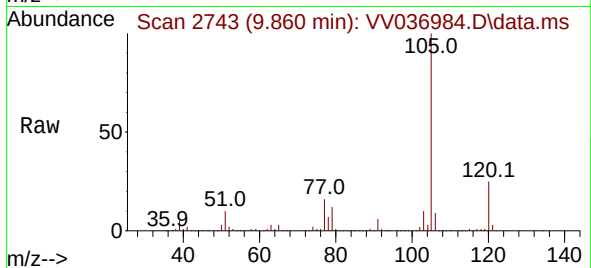
Tgt Ion: 173 Resp: 158513
Ion Ratio Lower Upper
173 100
175 47.4 39.8 59.8
254 8.3 6.8 10.2



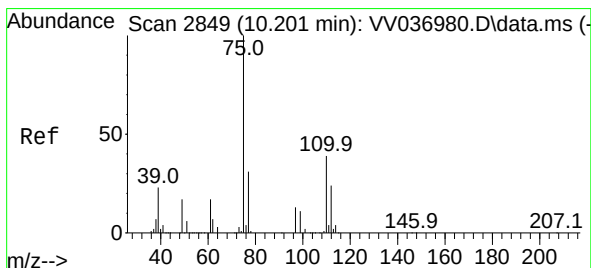
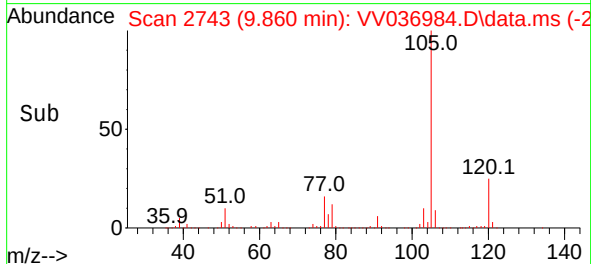
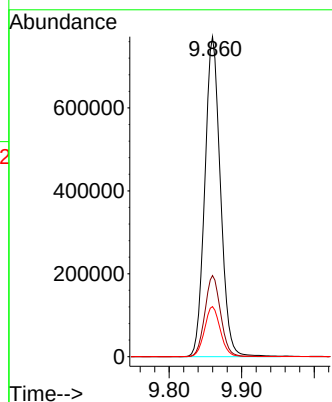


#60
Isopropylbenzene
Concen: 49.637 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :

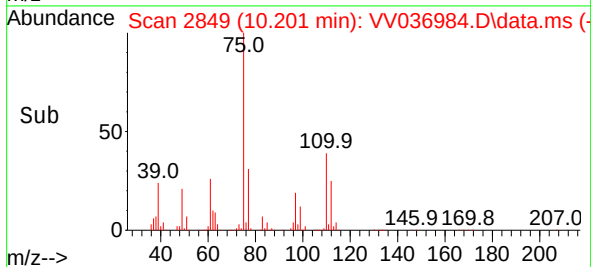
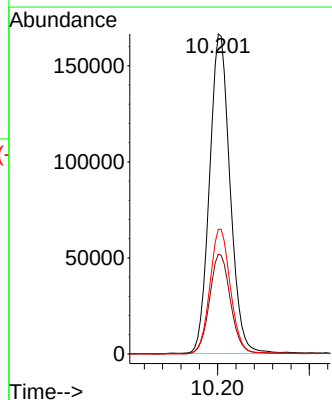
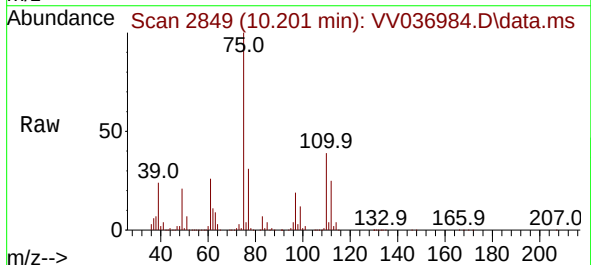


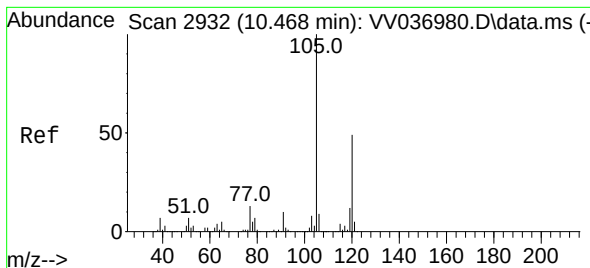
Tgt Ion:105 Resp: 1152730
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 15.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 45.028 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 75 Resp: 258565
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
110 39.2 31.3 46.9

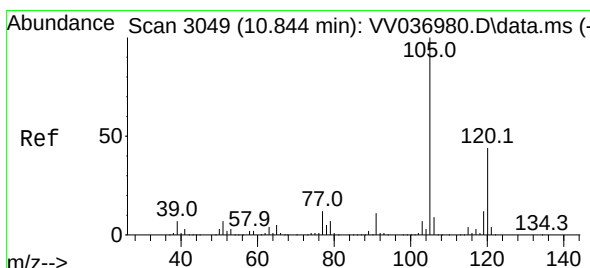
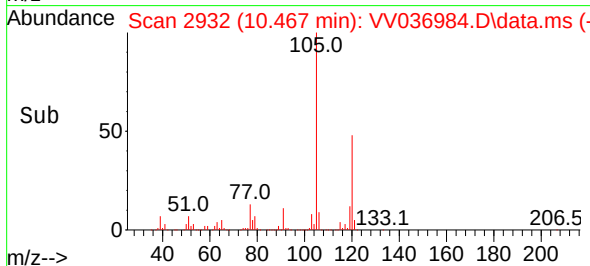
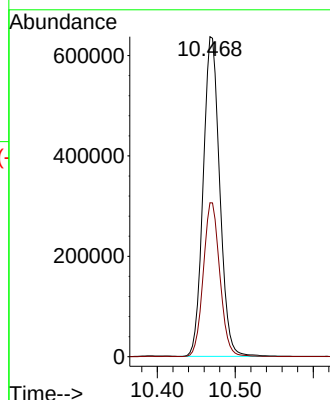
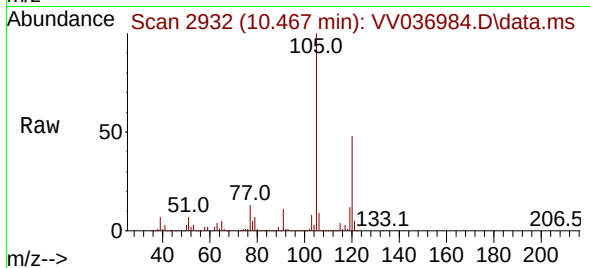




#62
1,3,5-Trimethylbenzene
Concen: 48.599 ug/L
RT: 10.467 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

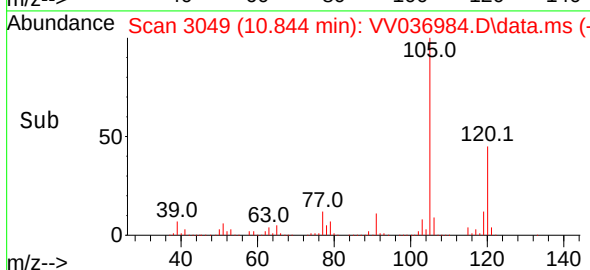
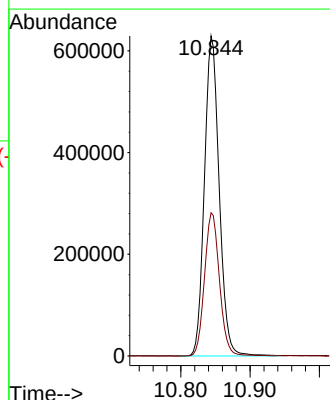
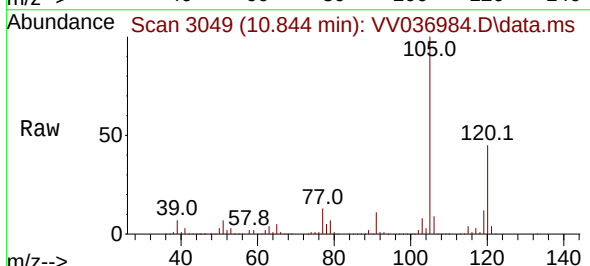
Instrument :
MSVOA_V
ClientSampleId :

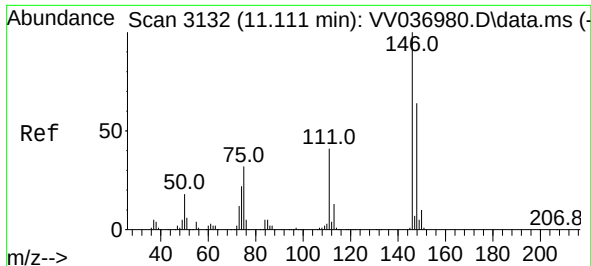
Tgt Ion:105 Resp: 939634
Ion Ratio Lower Upper
105 100
120 48.1 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 47.998 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion:105 Resp: 928977
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4

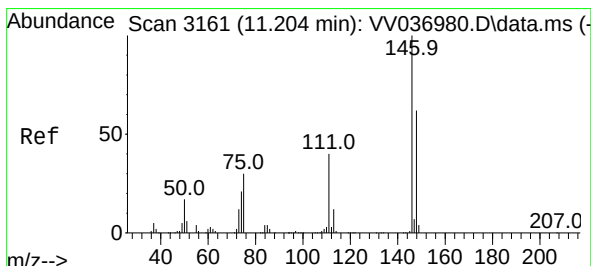
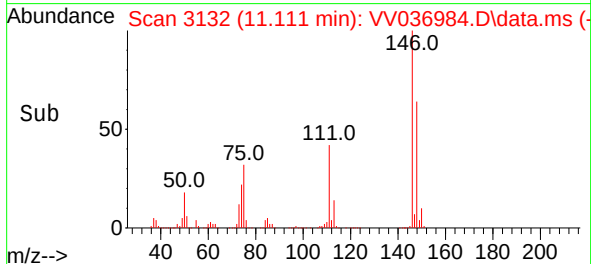
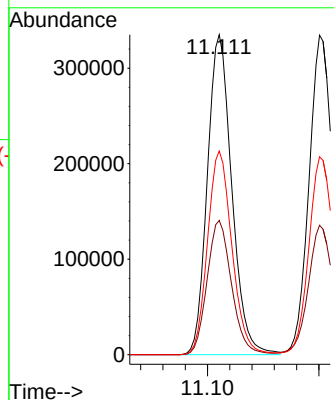
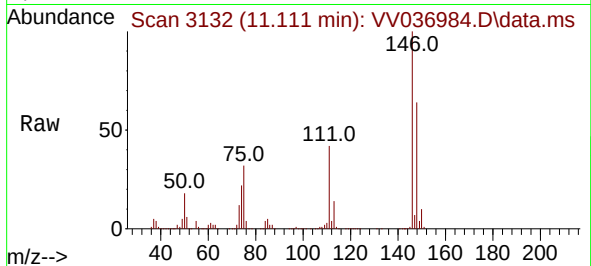




#64
1,3-Dichlorobenzene
Concen: 51.126 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

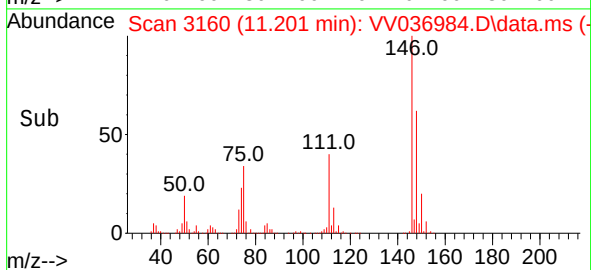
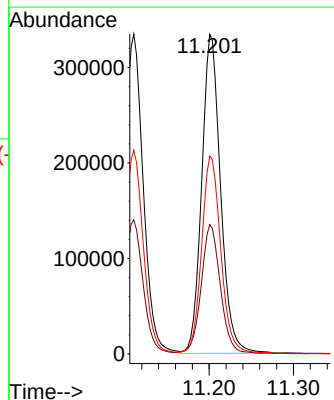
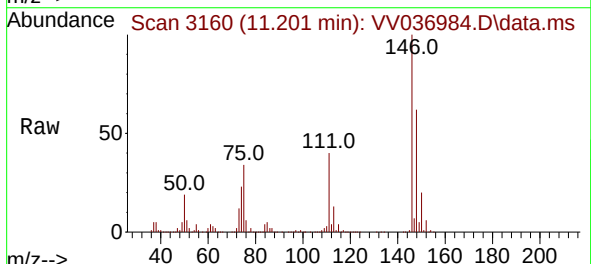
Instrument :
MSVOA_V
ClientSampleId :

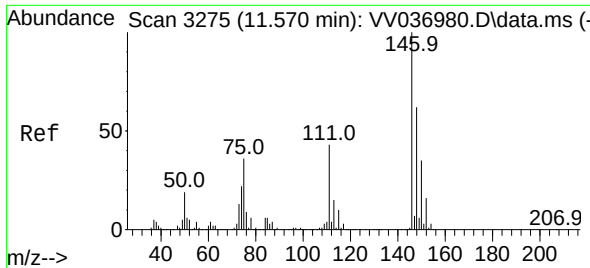
Tgt Ion:146 Resp: 510573
Ion Ratio Lower Upper
146 100
111 41.9 29.8 55.4
148 63.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 51.325 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

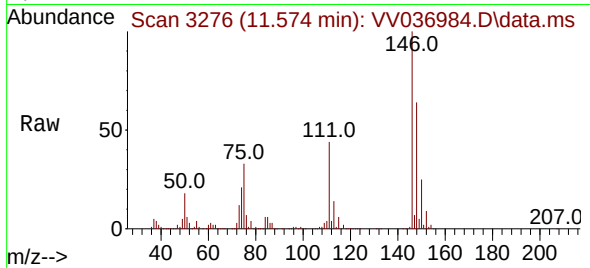
Tgt Ion:146 Resp: 521226
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.9
148 61.9 43.8 81.4



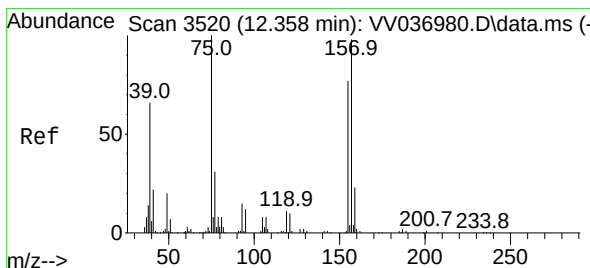
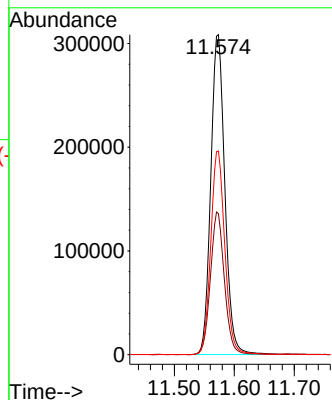
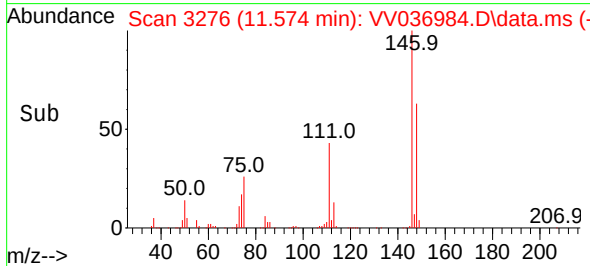


#67
1,2-Dichlorobenzene
Concen: 51.649 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :

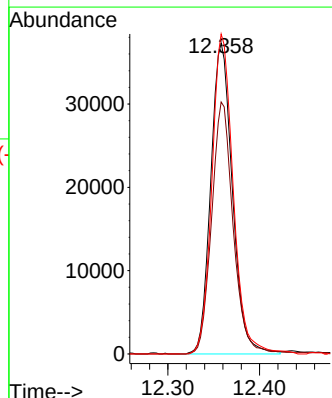
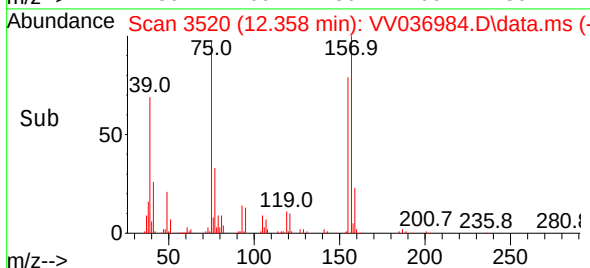
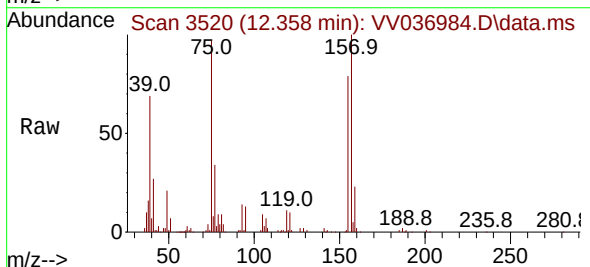


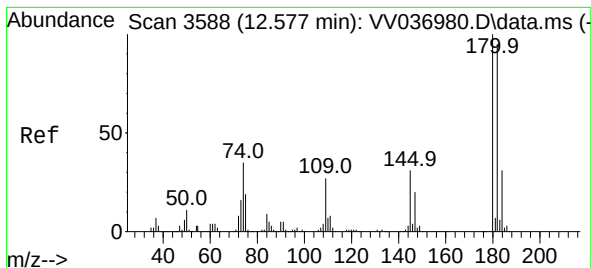
Tgt Ion:146 Resp: 503753
Ion Ratio Lower Upper
146 100
111 44.1 35.7 53.5
148 63.7 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 36.917 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion: 75 Resp: 61260
Ion Ratio Lower Upper
75 100
155 81.0 59.5 89.3
157 102.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 48.825 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

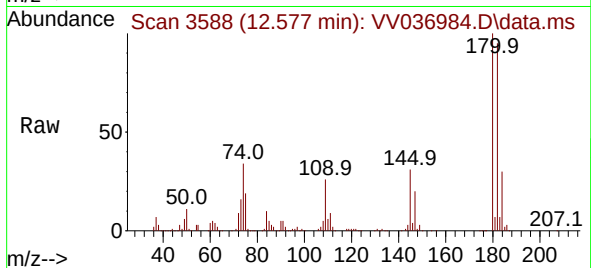
Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 346026

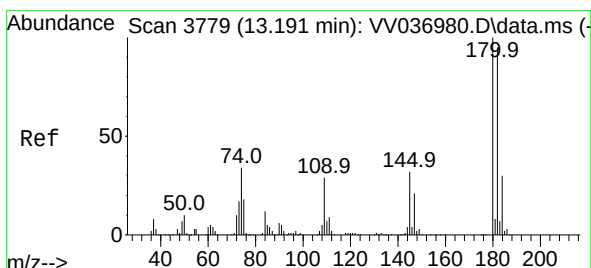
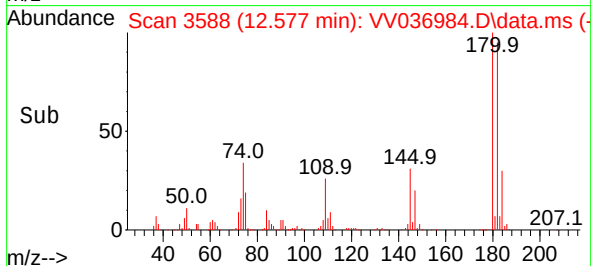
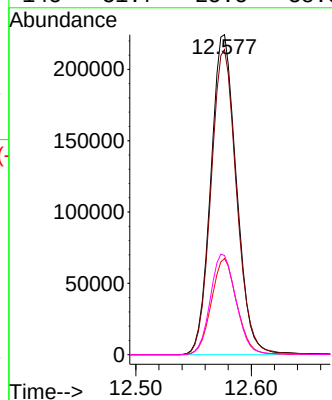
Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

184 29.8 23.7 35.5

145 31.7 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 48.146 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV036984.D

Acq: 20 Aug 2024 15:01

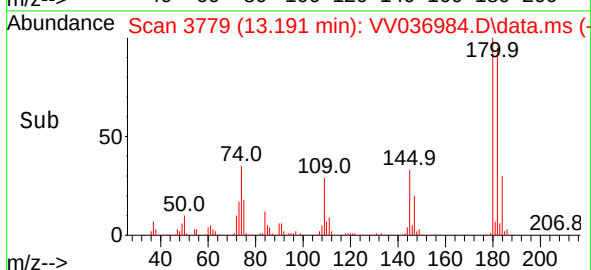
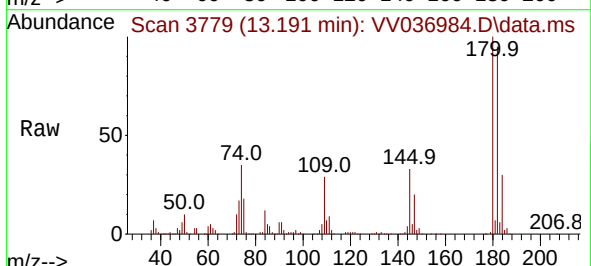
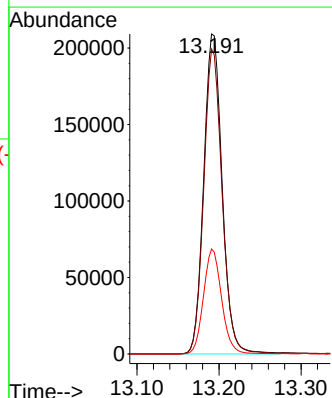
Tgt Ion:180 Resp: 327258

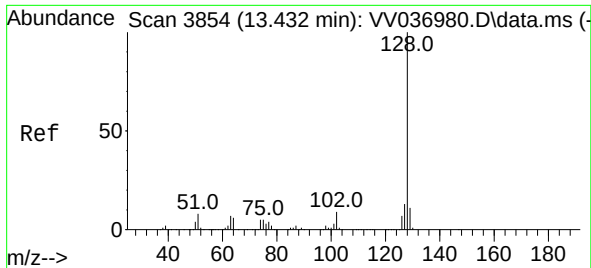
Ion Ratio Lower Upper

180 100

182 94.8 75.1 112.7

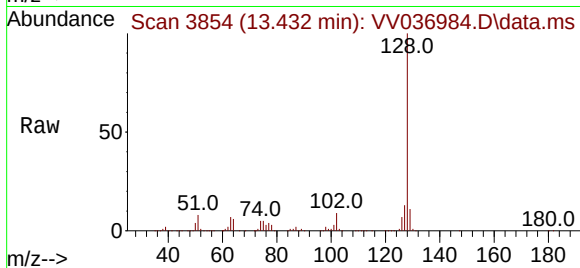
145 32.2 26.5 39.7



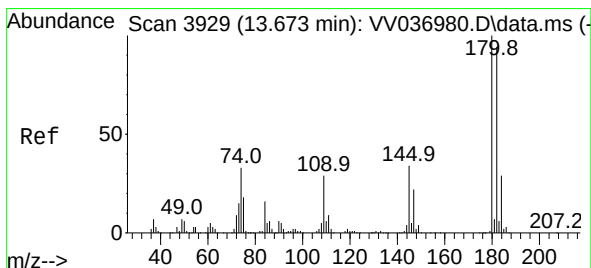
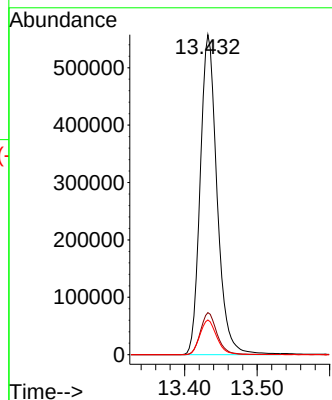
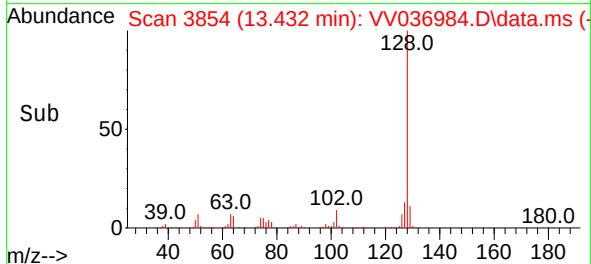


#71
Naphthalene
Concen: 41.301 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 900235
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.756 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV036984.D
Acq: 20 Aug 2024 15:01

Tgt Ion:180 Resp: 324400
Ion Ratio Lower Upper
180 100
182 93.7 76.2 114.2
145 33.6 27.8 41.6

