

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034587.D
 Acq On : 13 Mar 2024 20:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 14 02:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	293938	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	278450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	147044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74716	29.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.640%#
7) Chloroethane-d5	1.529	69	71400	35.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.940%
11) 1,1-Dichloroethene-d2	2.056	65	36651	31.804	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.600%
21) 2-Butanone-d5	3.786	46	197480	115.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.890%
24) Chloroform-d	4.249	84	203140	45.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
26) 1,2-Dichloroethane-d4	4.941	65	134271	45.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	4.960	84	333996	39.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.480%
36) 1,2-Dichloropropane-d6	5.989	67	112204	43.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.500%
41) Toluene-d8	7.243	98	292013	38.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.800%#
43) trans-1,3-Dichloroprop...	7.551	79	54848	42.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.021	63	141137	110.205	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.210%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	173214	51.322	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	129279	43.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	155618	50.473	ug/L	100
3) Chloromethane	1.214	50	149880	49.472	ug/L	99
5) Vinyl chloride	1.282	62	151022	51.353	ug/L	97
6) Bromomethane	1.487	94	88970	50.423	ug/L	100
8) Chloroethane	1.545	64	89872	51.416	ug/L	100
9) Trichlorofluoromethane	1.712	101	222099	50.432	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	119660	50.413	ug/L	99
12) 1,1-Dichloroethene	2.069	96	108872	49.465	ug/L	88
13) Acetone	2.118	43	191098	93.285	ug/L	99
14) Carbon disulfide	2.240	76	306991	50.257	ug/L	100
15) Methyl Acetate	2.372	43	146162	55.771	ug/L	96
16) Methylene chloride	2.446	84	132099	56.581	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	111092	52.148	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	415292	54.284	ug/L	99
19) 1,1-Dichloroethane	3.111	63	227755	54.576	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	124638	53.923	ug/L	97
22) 2-Butanone	3.867	43	206997	102.328	ug/L	99
23) Bromochloromethane	4.146	128	64882	54.285	ug/L	94
25) Chloroform	4.275	83	229534	53.066	ug/L	100

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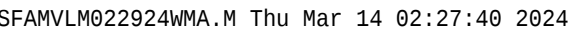
Instrument :
 MSVOA_V
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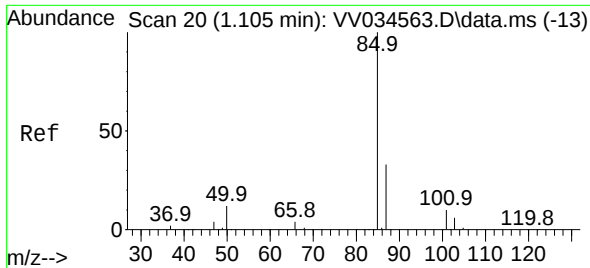
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	190235	54.132	ug/L	100
29) Cyclohexane	4.580	56	190916	52.127	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	208871	52.310	ug/L	99
31) Carbon tetrachloride	4.735	117	184670	52.238	ug/L	98
33) Benzene	5.008	78	462266	53.484	ug/L	100
34) Trichloroethene	5.831	95	130514	53.123	ug/L	96
35) Methylcyclohexane	6.050	83	190347	50.963	ug/L	99
37) 1,2-Dichloropropane	6.092	63	123046	54.377	ug/L	100
38) Bromodichloromethane	6.432	83	170719	53.636	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	198234	54.070	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	372285	111.573	ug/L	99
42) Toluene	7.313	91	485297	53.053	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	186848	52.990	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	122894	56.287	ug/L	99
46) Tetrachloroethene	7.905	164	93769	51.320	ug/L	99
48) 2-Hexanone	8.072	43	300553	113.040	ug/L	98
49) Dibromochloromethane	8.175	129	123997	53.818	ug/L	99
50) 1,2-Dibromoethane	8.281	107	126264	54.498	ug/L	98
51) Chlorobenzene	8.812	112	310133	52.444	ug/L	99
52) Ethylbenzene	8.944	91	546632	53.332	ug/L	100
53) m,p-Xylene	9.072	106	205770	52.905	ug/L	99
54) o-Xylene	9.477	106	202027	53.045	ug/L	97
55) Styrene	9.493	104	348715	54.077	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	174967	53.355	ug/L	100
59) Bromoform	9.664	173	83196	51.032	ug/L	97
60) Isopropylbenzene	9.866	105	558183	53.673	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	153557	54.707	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	461658	52.625	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	460884	53.119	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	250964	52.193	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	249541	51.105	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	250163	51.920	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	44647	53.397	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	186151	51.605	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	167814	51.702	ug/L	99
71) Naphthalene	13.435	128	475098	54.721	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	172730	54.551	ug/L	99

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

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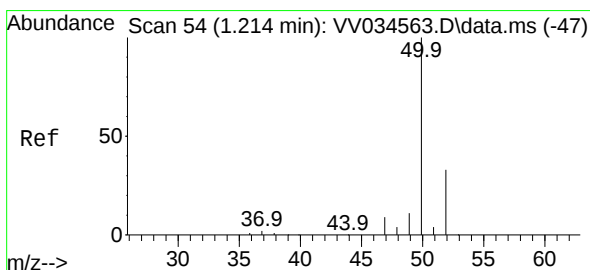
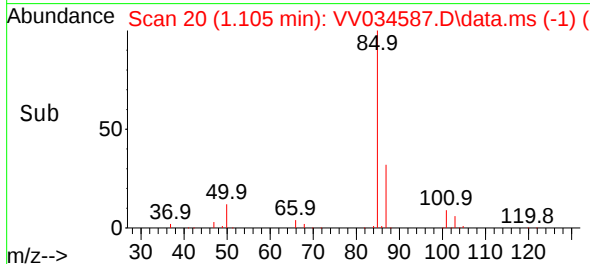
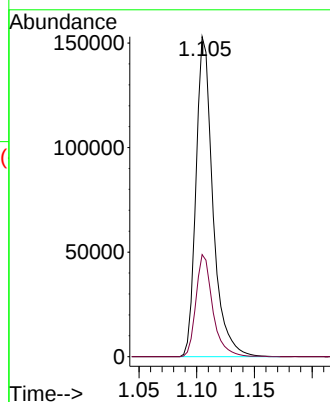
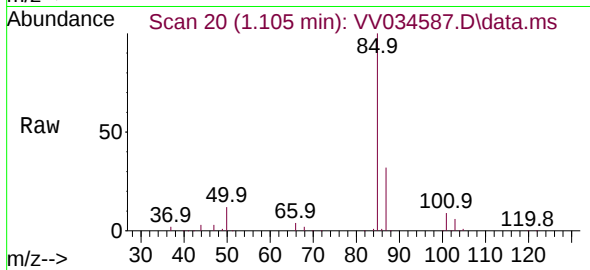




#2
 Dichlorodifluoromethane
 Concen: 50.473 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034587.D
 Acq: 13 Mar 2024 20:03

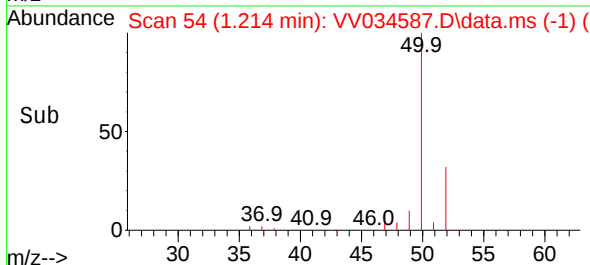
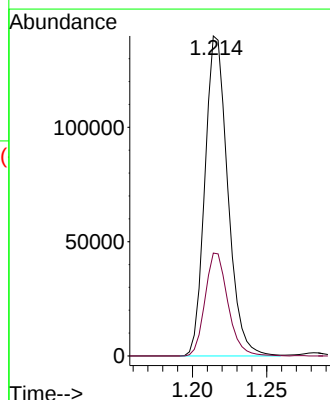
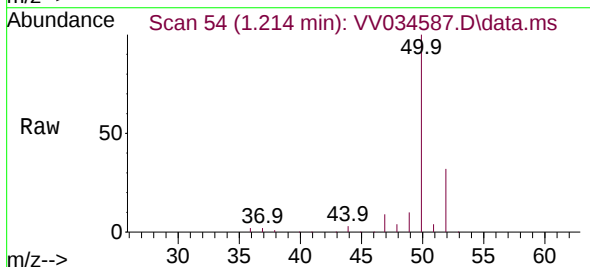
Instrument :
 MSVOA_V
 ClientSampleId :

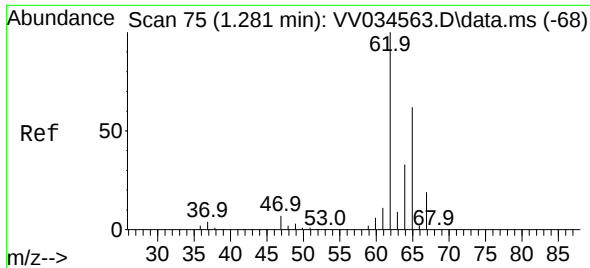
Tgt Ion: 85 Resp: 155618
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 49.472 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034587.D
 Acq: 13 Mar 2024 20:03

Tgt Ion: 50 Resp: 149880
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8

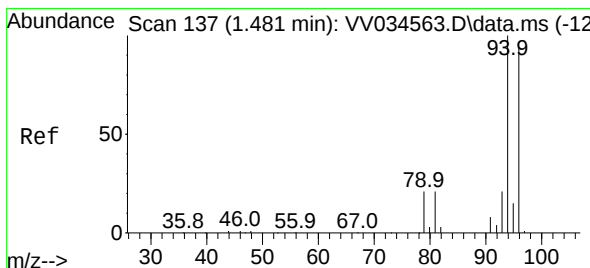
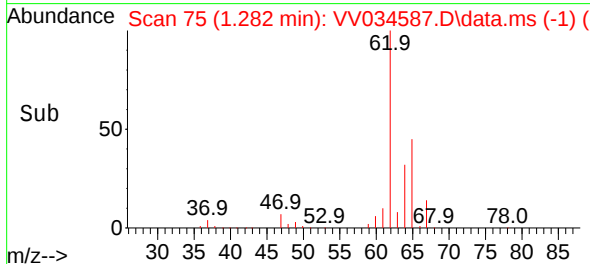
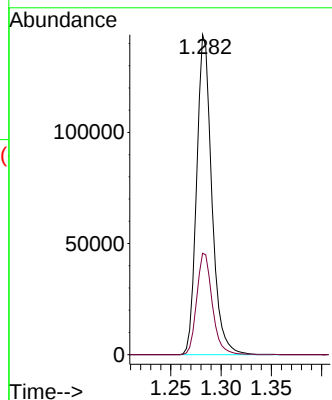
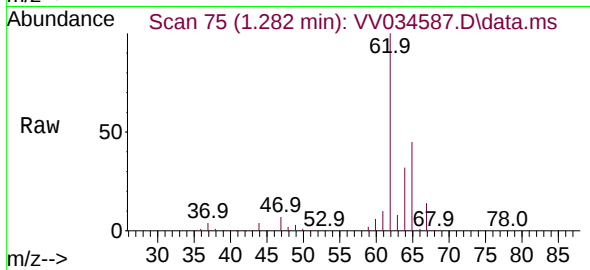




#5
 Vinyl chloride
 Concen: 51.353 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV034587.D
 Acq: 13 Mar 2024 20:03

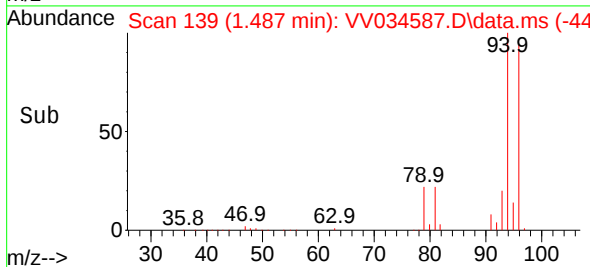
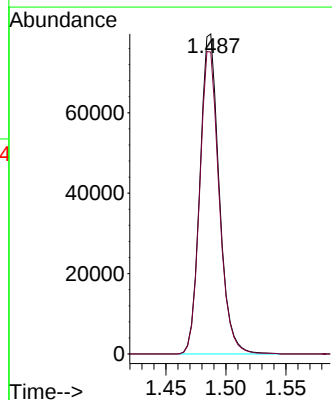
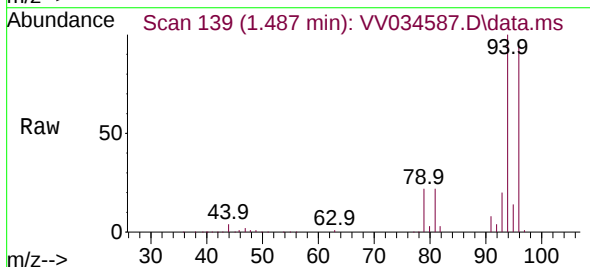
Instrument :
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 ClientSampleId :

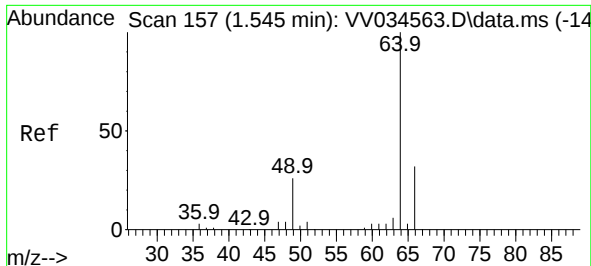
Tgt Ion: 62 Resp: 151022
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.4 43.6



#6
 Bromomethane
 Concen: 50.423 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.007 min
 Lab File: VV034587.D
 Acq: 13 Mar 2024 20:03

Tgt Ion: 94 Resp: 88970
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

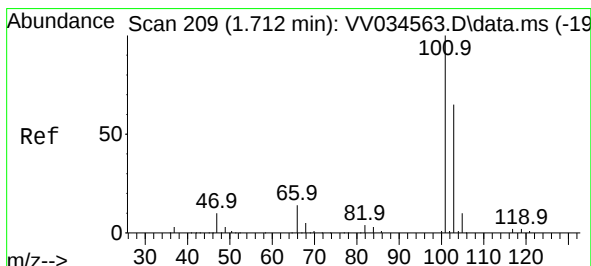
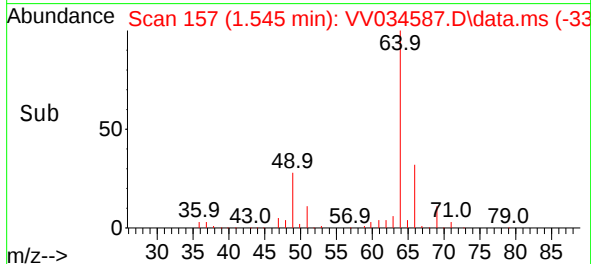
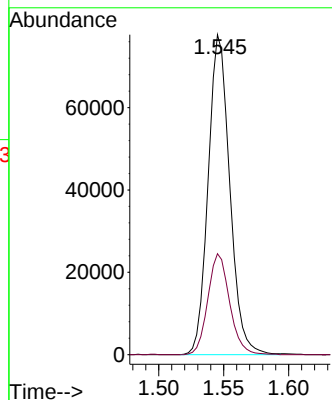
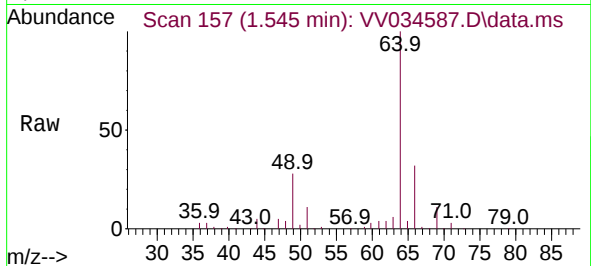




#8
Chloroethane
Concen: 51.416 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

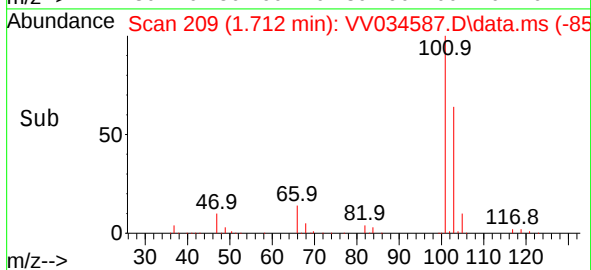
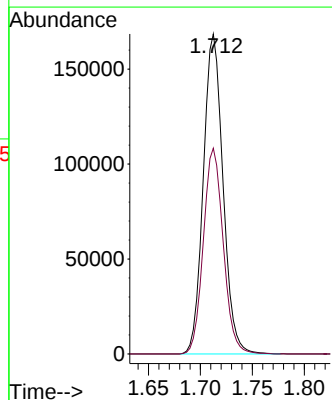
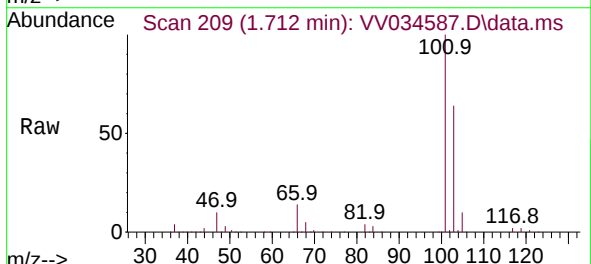
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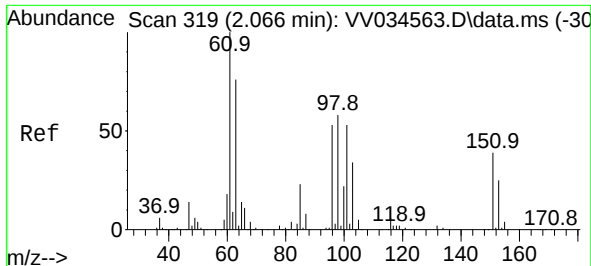
Tgt Ion: 64 Resp: 89872
Ion Ratio Lower Upper
64 100
66 31.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 50.432 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion:101 Resp: 222099
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.413 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

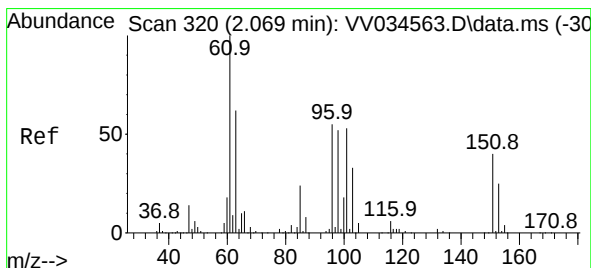
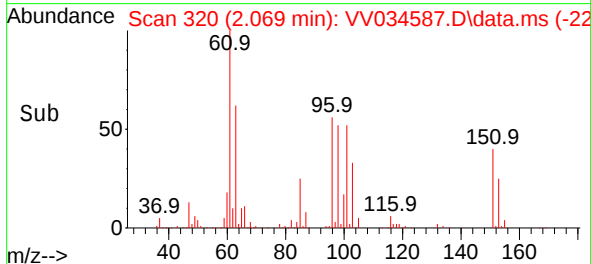
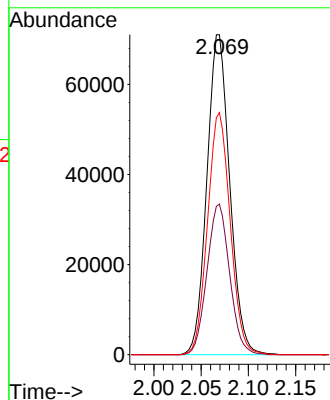
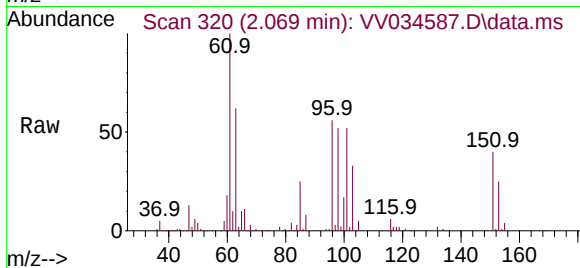
Tgt Ion:101 Resp: 119660

Ion Ratio Lower Upper

101 100

85 46.5 37.4 56.0

151 74.9 61.4 92.2



#12

1,1-Dichloroethene

Concen: 49.465 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

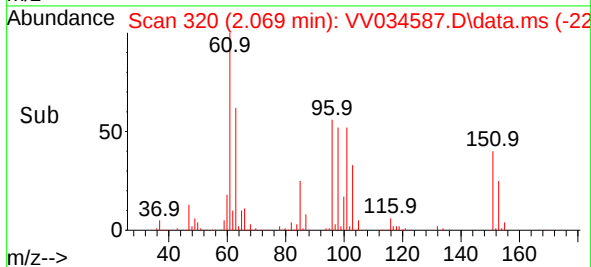
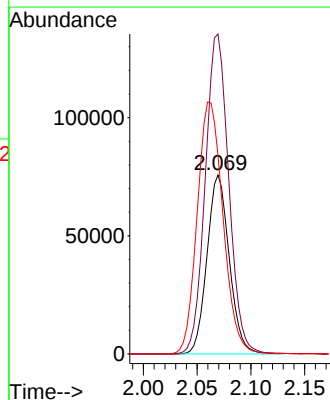
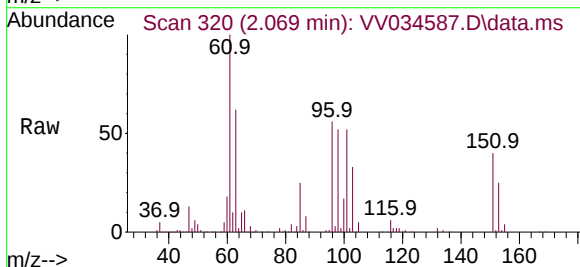
Tgt Ion: 96 Resp: 108872

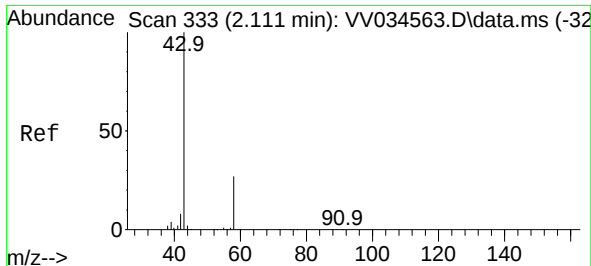
Ion Ratio Lower Upper

96 100

61 178.7 128.9 239.3

63 111.1 98.0 182.0





#13

Acetone

Concen: 93.285 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.007 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

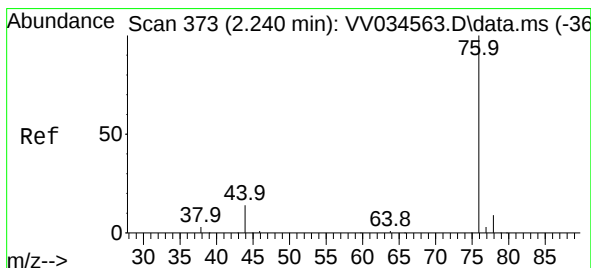
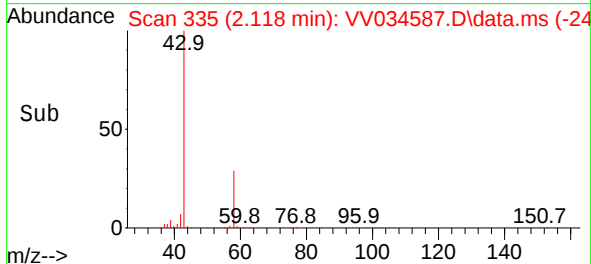
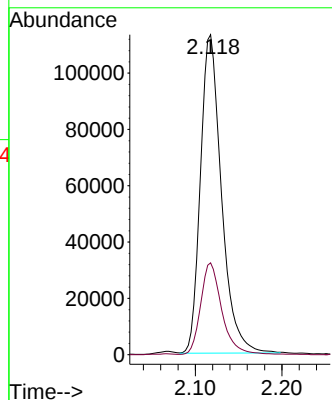
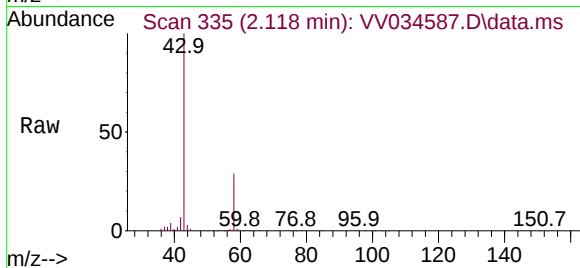
ClientSampleId :

Tgt Ion: 43 Resp: 191098

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#14

Carbon disulfide

Concen: 50.257 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034587.D

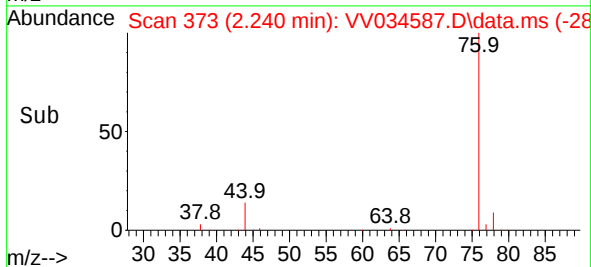
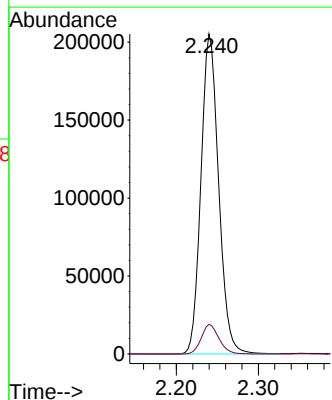
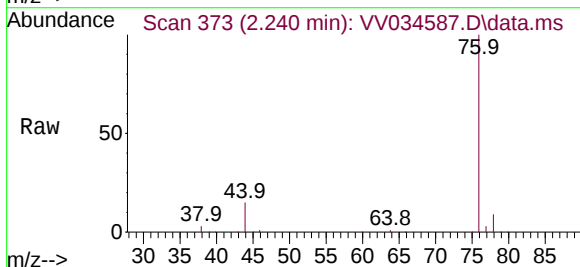
Acq: 13 Mar 2024 20:03

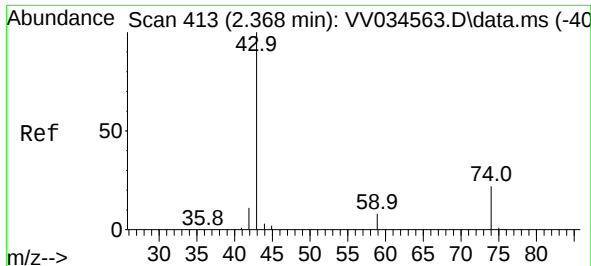
Tgt Ion: 76 Resp: 306991

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 55.771 ug/L

RT: 2.372 min Scan# 413

Delta R.T. 0.003 min

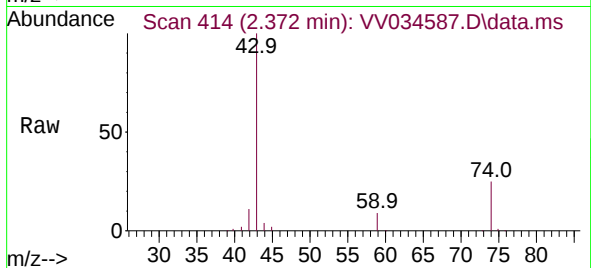
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Acq: 13 Mar 2024 20:03

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ClientSampleId :

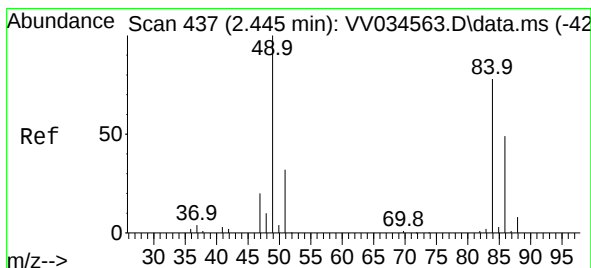
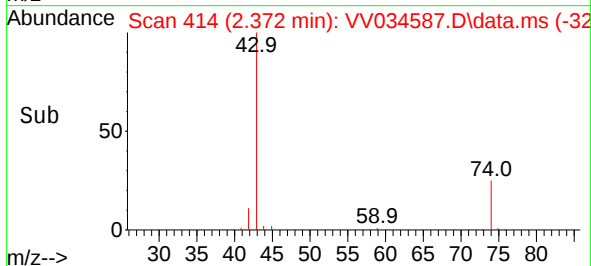
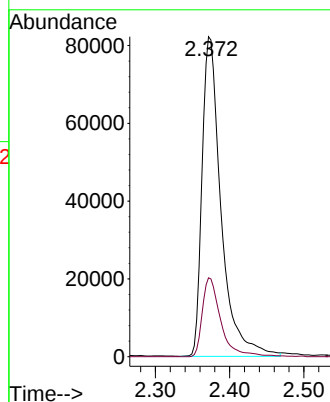


Tgt Ion: 43 Resp: 146162

Ion Ratio Lower Upper

43 100

74 24.0 17.8 26.8



#16

Methylene chloride

Concen: 56.581 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

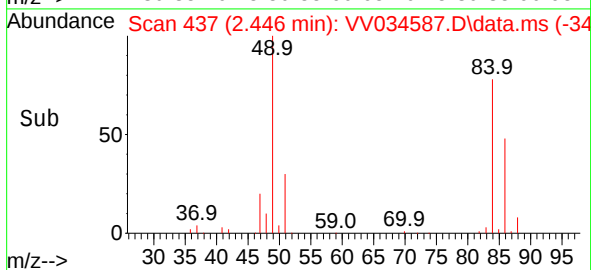
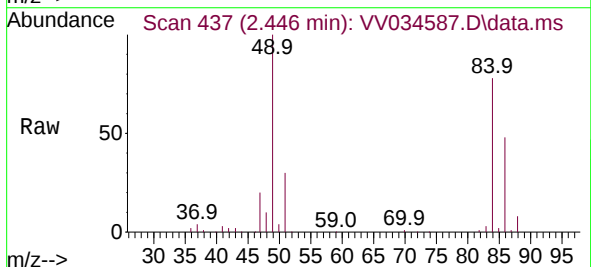
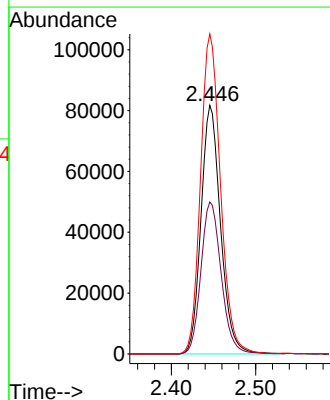
Tgt Ion: 84 Resp: 132099

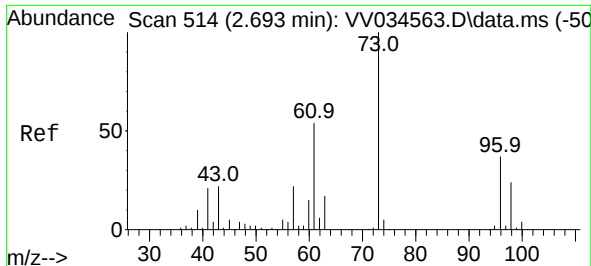
Ion Ratio Lower Upper

84 100

86 61.2 45.6 84.6

49 128.7 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 52.148 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

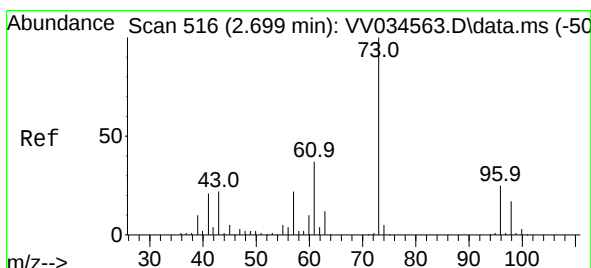
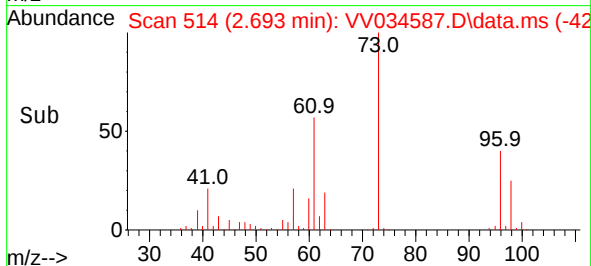
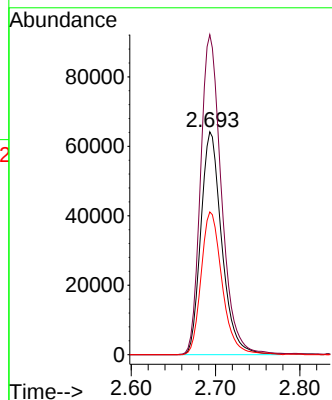
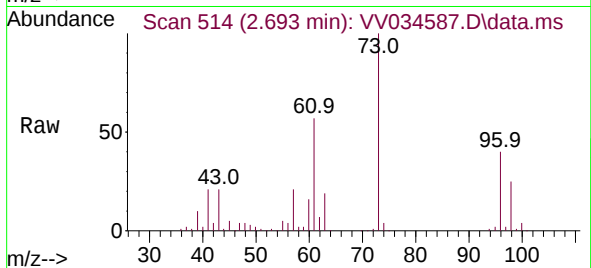
Tgt Ion: 96 Resp: 111092

Ion Ratio Lower Upper

96 100

61 143.6 98.8 183.4

98 64.1 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 54.284 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

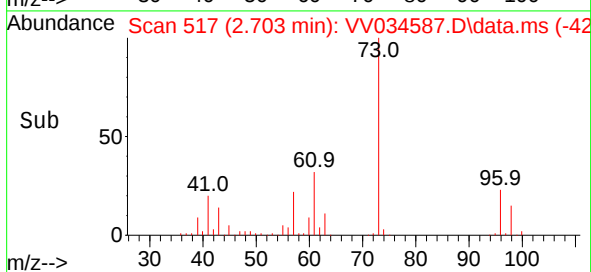
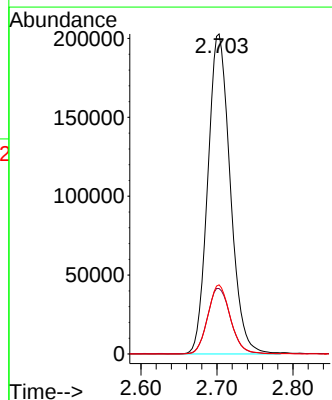
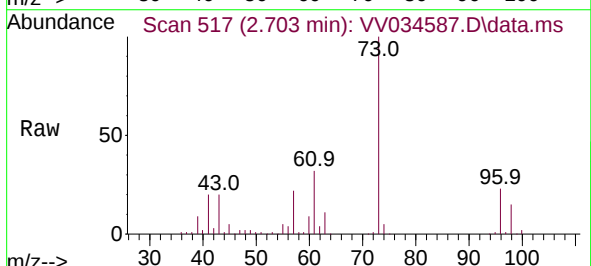
Tgt Ion: 73 Resp: 415292

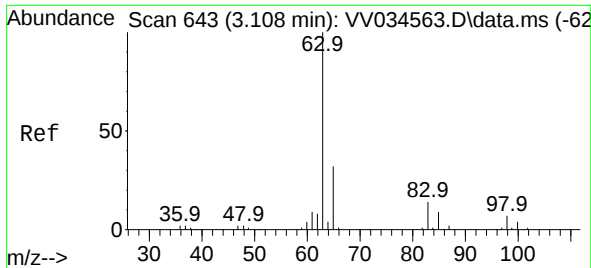
Ion Ratio Lower Upper

73 100

43 21.0 17.1 25.7

57 21.6 17.6 26.4

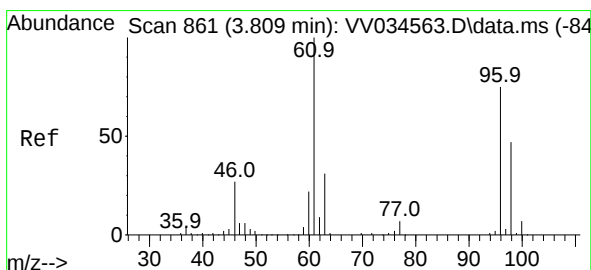
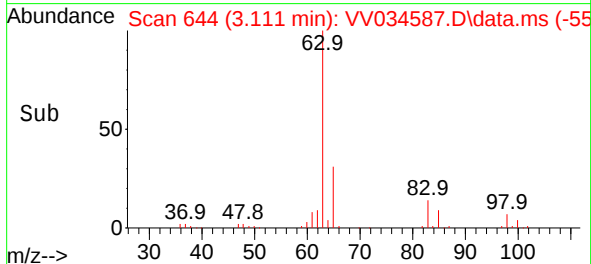
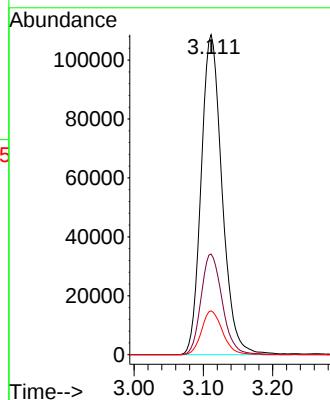
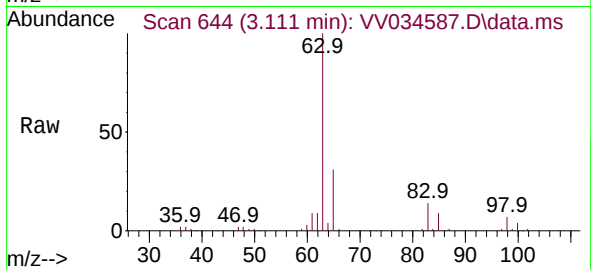




#19
1,1-Dichloroethane
Concen: 54.576 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

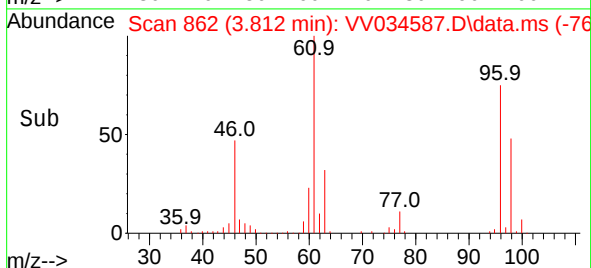
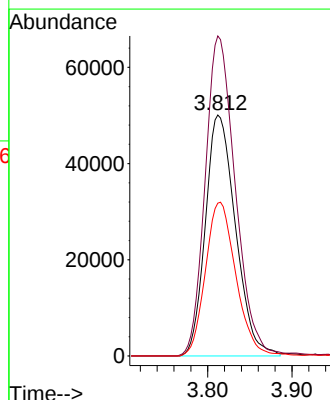
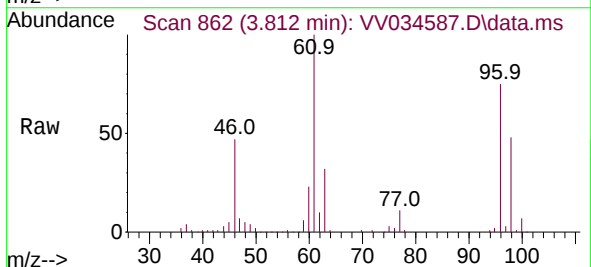
Instrument :
MSVOA_V
ClientSampleId :

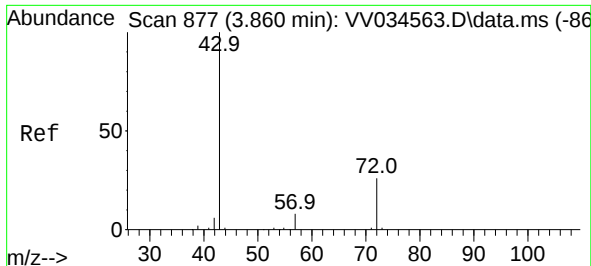
Tgt Ion: 63 Resp: 227755
Ion Ratio Lower Upper
63 100
65 31.5 22.1 41.1
83 13.7 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 53.923 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion: 96 Resp: 124638
Ion Ratio Lower Upper
96 100
61 132.8 96.0 178.4
98 63.4 46.0 85.4





#22

2-Butanone

Concen: 102.328 ug/L

RT: 3.867 min Scan# 877

Delta R.T. 0.007 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

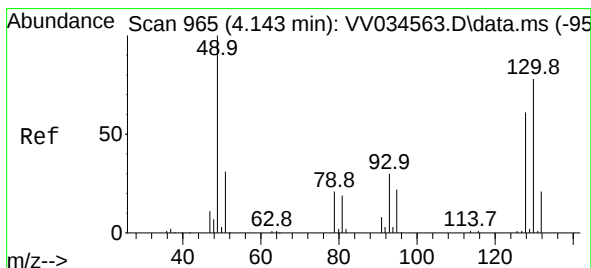
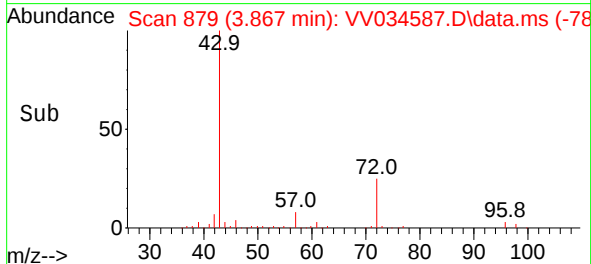
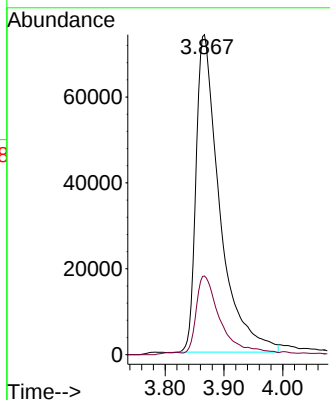
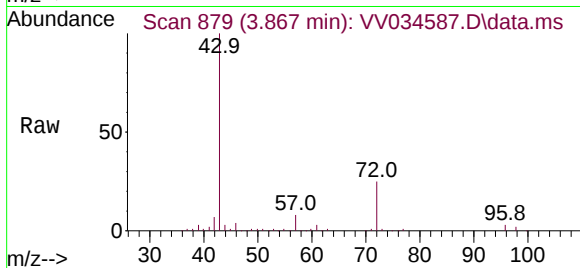
ClientSampleId :

Tgt Ion: 43 Resp: 206997

Ion Ratio Lower Upper

43 100

72 22.6 11.5 34.4



#23

Bromochloromethane

Concen: 54.285 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Tgt Ion:128 Resp: 64882

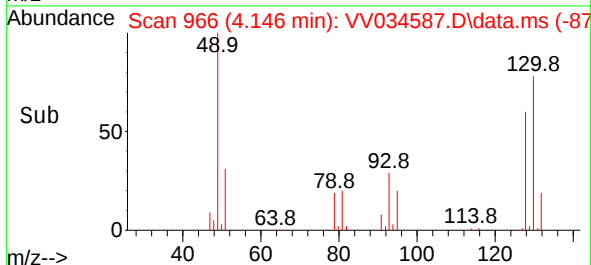
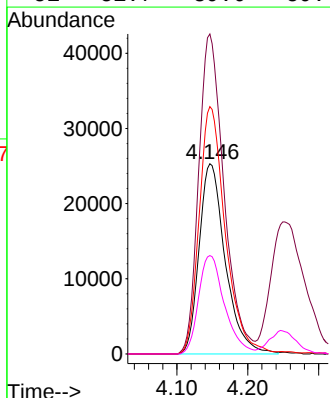
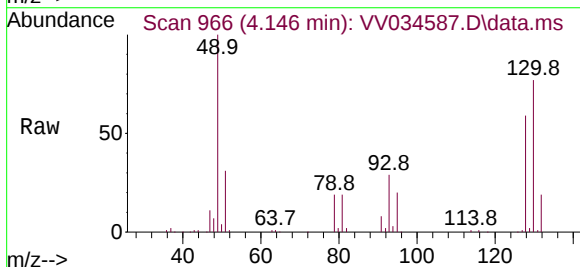
Ion Ratio Lower Upper

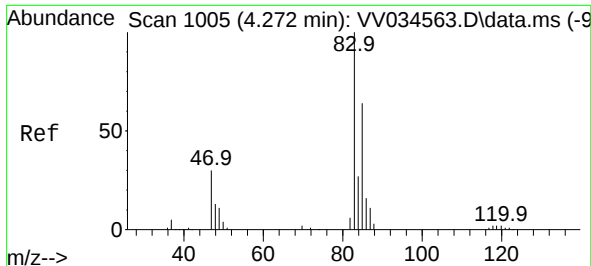
128 100

49 168.2 109.4 203.2

130 130.1 87.7 162.9

51 51.7 39.6 59.4





#25

Chloroform

Concen: 53.066 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

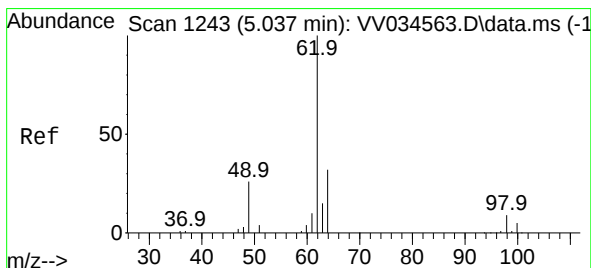
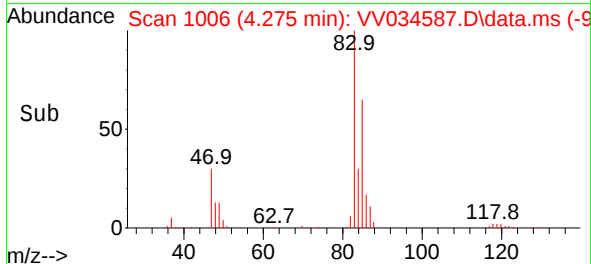
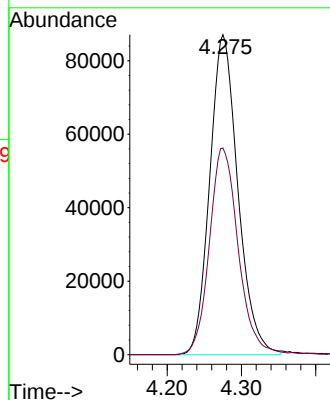
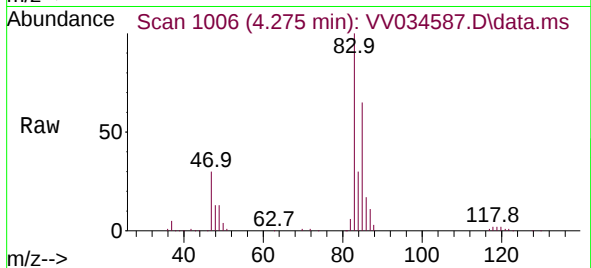
ClientSampleId :

Tgt Ion: 83 Resp: 229534

Ion Ratio Lower Upper

83 100

85 64.6 45.5 84.5



#27

1,2-Dichloroethane

Concen: 54.132 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034587.D

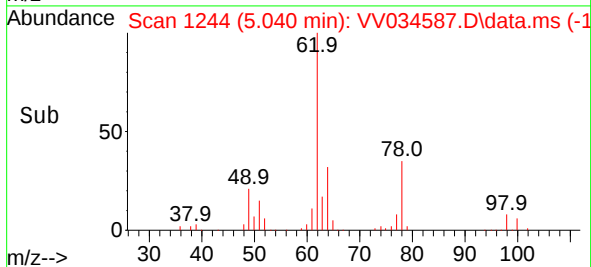
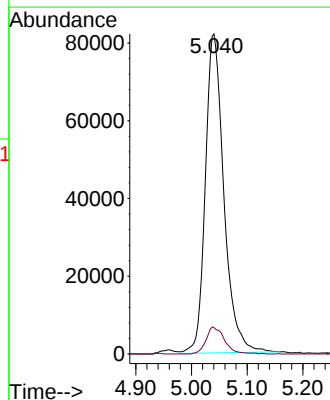
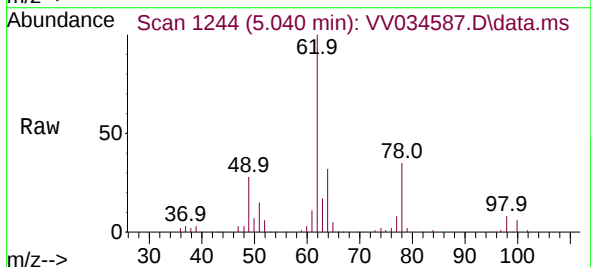
Acq: 13 Mar 2024 20:03

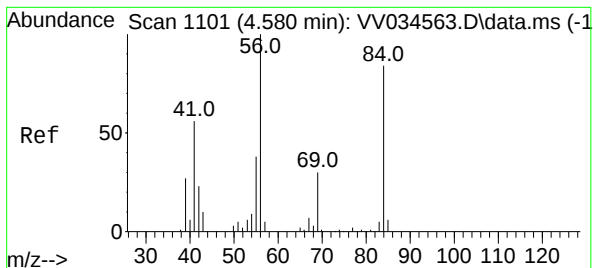
Tgt Ion: 62 Resp: 190235

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 52.127 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

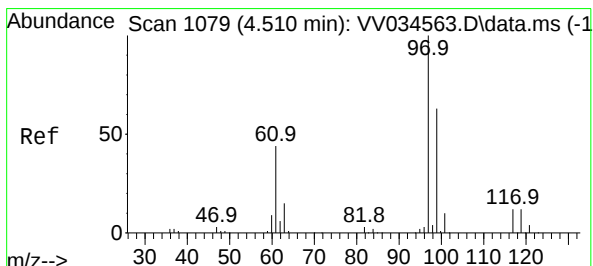
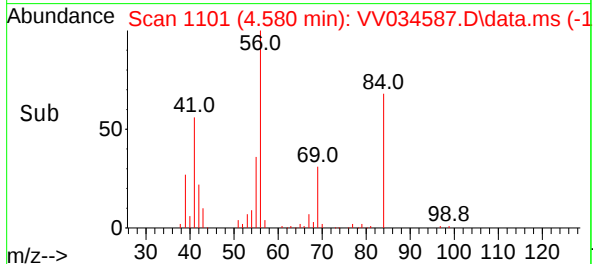
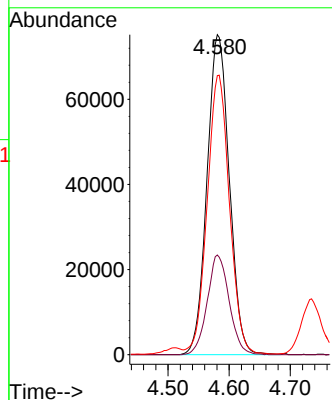
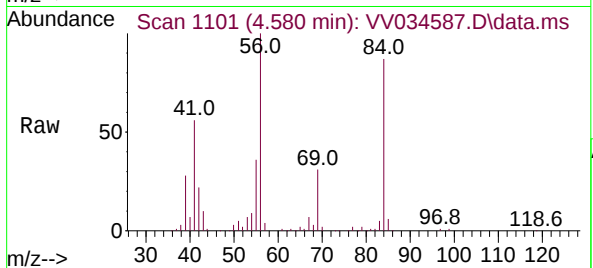
Tgt Ion: 56 Resp: 190916

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 87.1 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 52.310 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

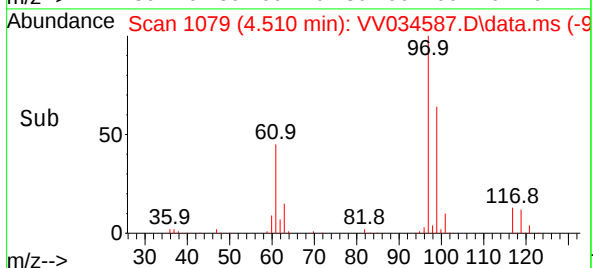
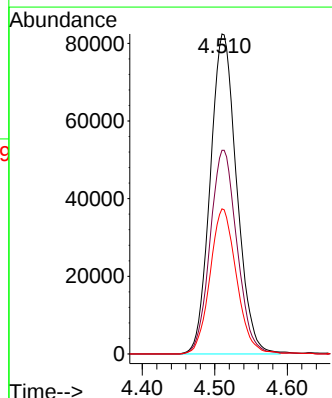
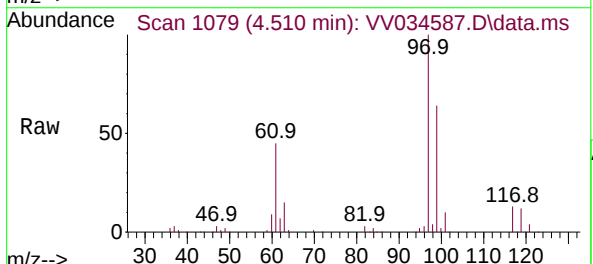
Tgt Ion: 97 Resp: 208871

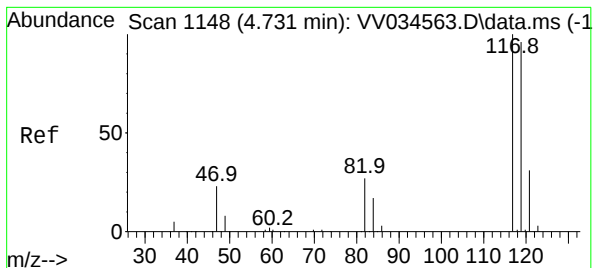
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 45.2 36.0 54.0





#31

Carbon tetrachloride

Concen: 52.238 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

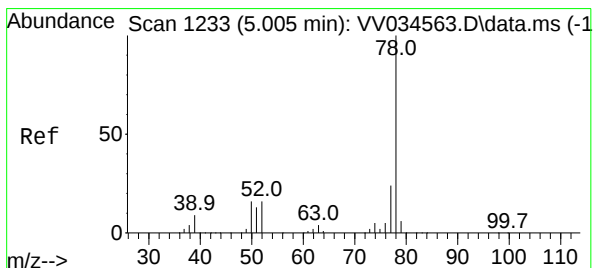
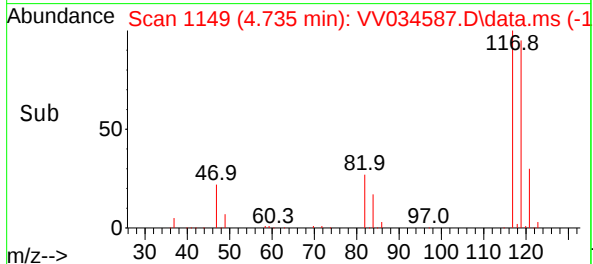
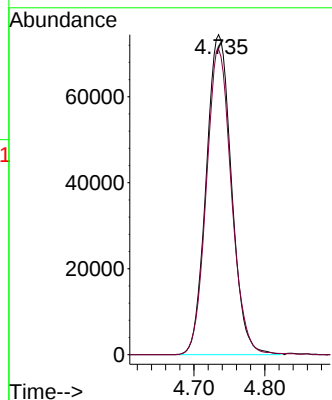
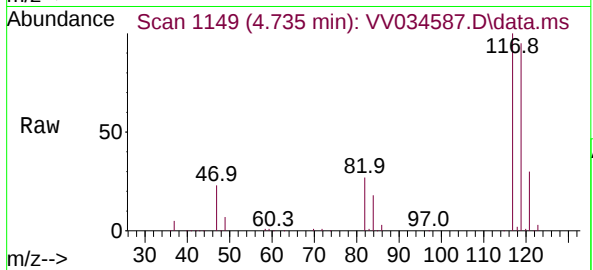
ClientSampleId :

Tgt Ion:117 Resp: 184670

Ion Ratio Lower Upper

117 100

119 95.0 77.5 116.3



#33

Benzene

Concen: 53.484 ug/L

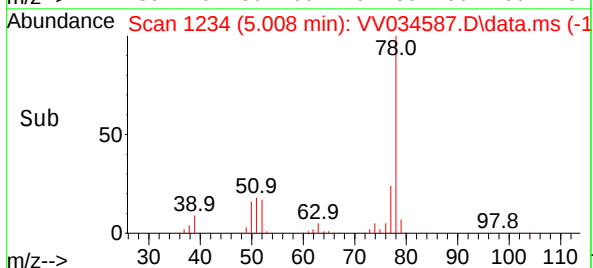
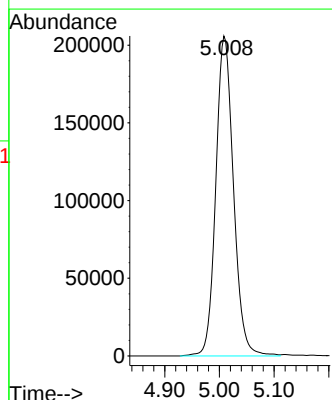
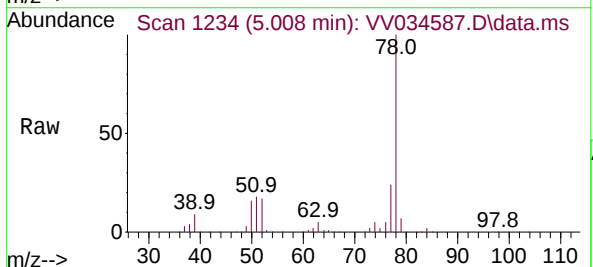
RT: 5.008 min Scan# 1234

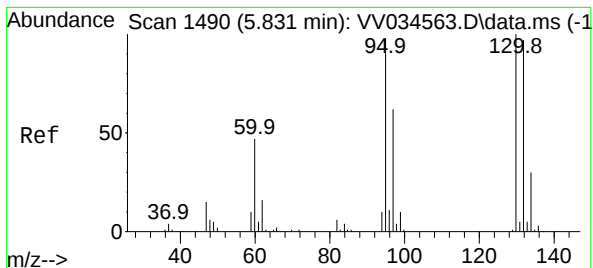
Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Tgt Ion: 78 Resp: 462266





#34

Trichloroethene

Concen: 53.123 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 130514

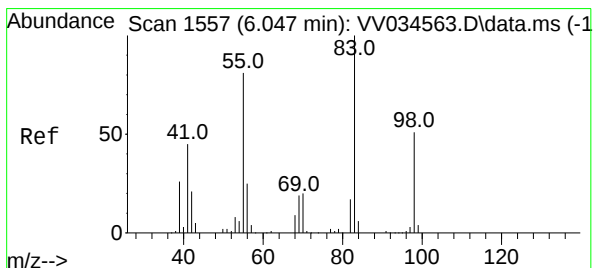
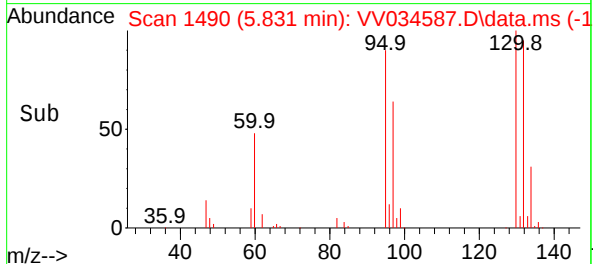
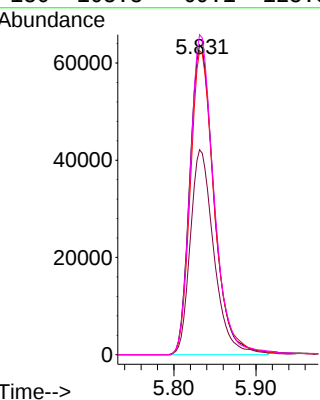
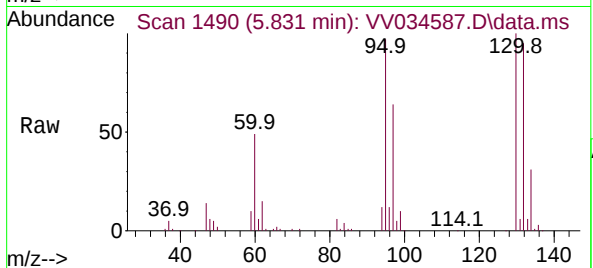
Ion Ratio Lower Upper

95 100

97 66.2 44.7 83.1

132 98.1 65.3 121.3

130 103.3 69.1 128.3



#35

Methylcyclohexane

Concen: 50.963 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

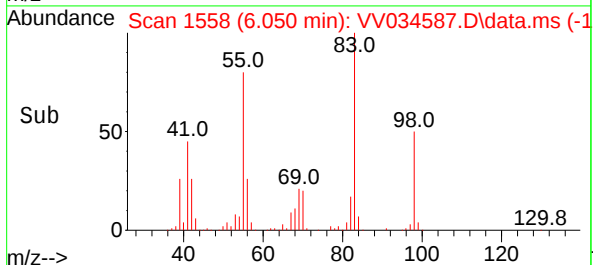
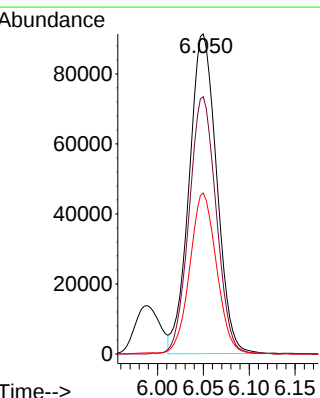
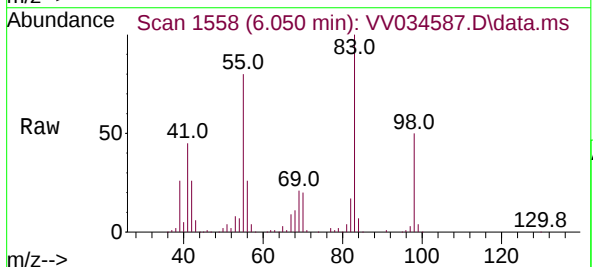
Tgt Ion: 83 Resp: 190347

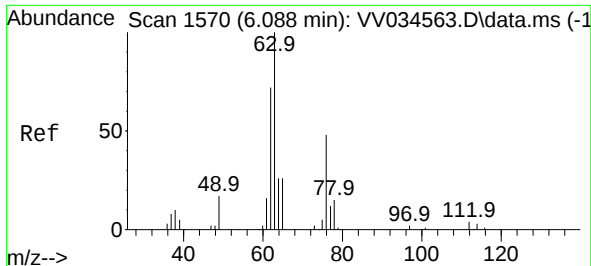
Ion Ratio Lower Upper

83 100

55 79.5 62.6 94.0

98 48.4 39.5 59.3

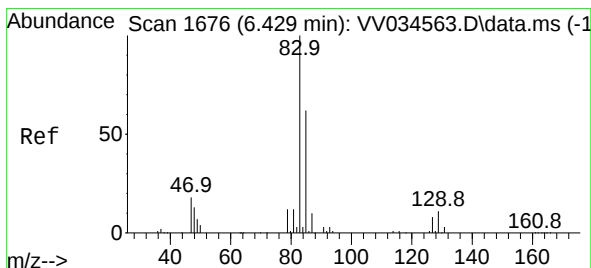
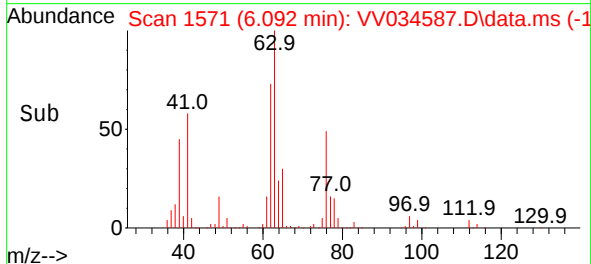
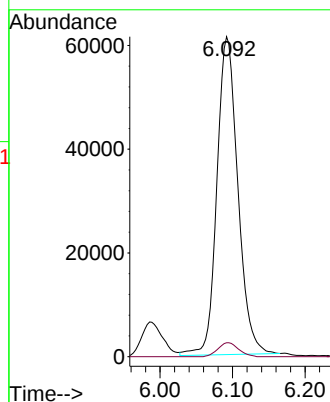
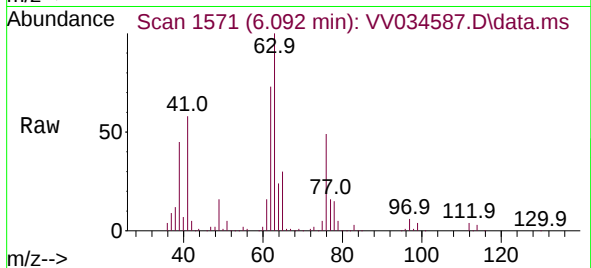




#37
1,2-Dichloropropane
Concen: 54.377 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

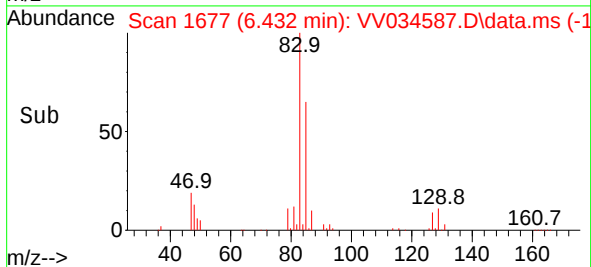
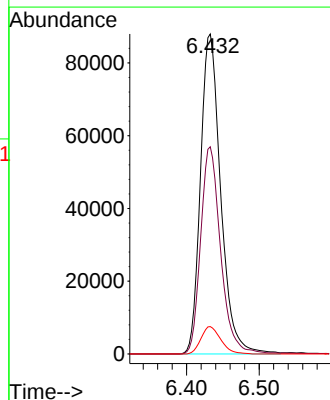
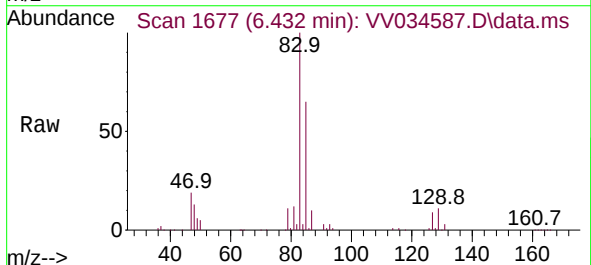
Instrument :
MSVOA_V
ClientSampleId :

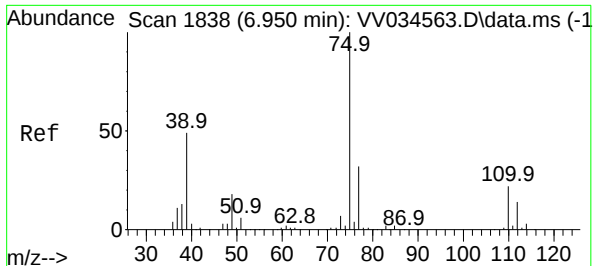
Tgt Ion: 63 Resp: 123046
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 53.636 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion: 83 Resp: 170719
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8
127 8.5 6.9 10.3

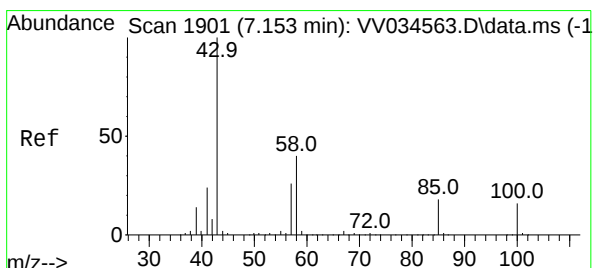
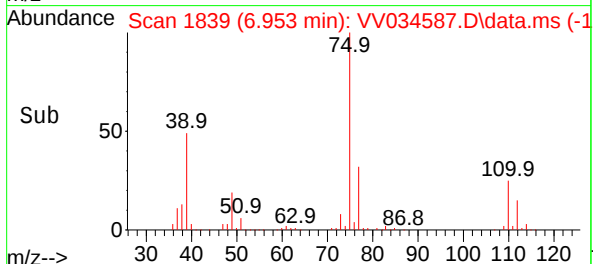
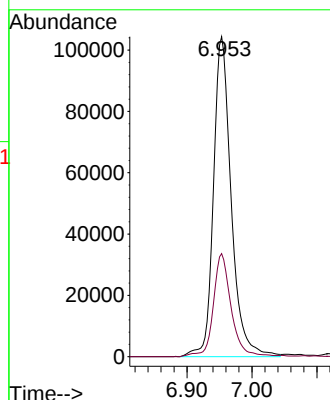
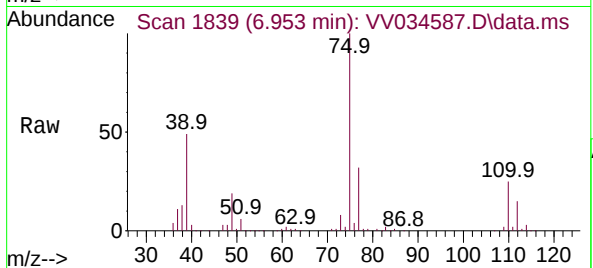




#39
 cis-1,3-Dichloropropene
 Concen: 54.070 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV034587.D
 Acq: 13 Mar 2024 20:03

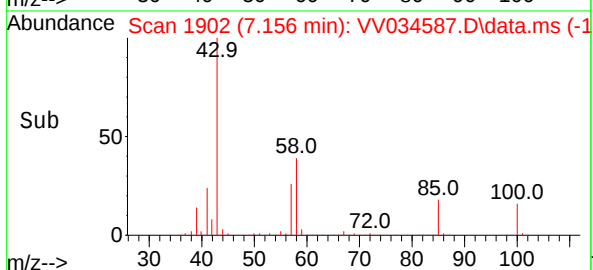
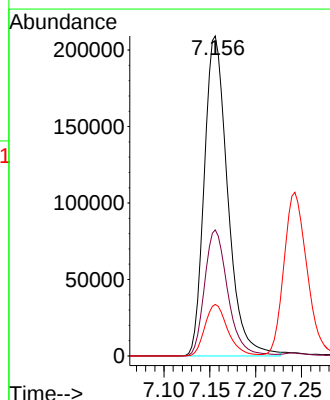
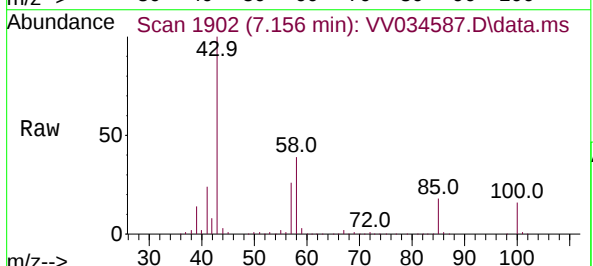
Instrument :
 MSVOA_V
 ClientSampleId :

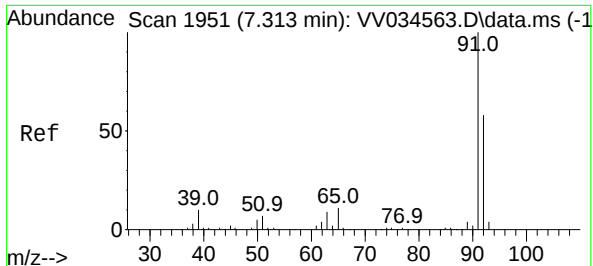
Tgt Ion: 75 Resp: 198234
 Ion Ratio Lower Upper
 75 100
 77 32.2 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 111.573 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV034587.D
 Acq: 13 Mar 2024 20:03

Tgt Ion: 43 Resp: 372285
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.6 46.0
 100 15.7 12.5 18.7





#42

Toluene

Concen: 53.053 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

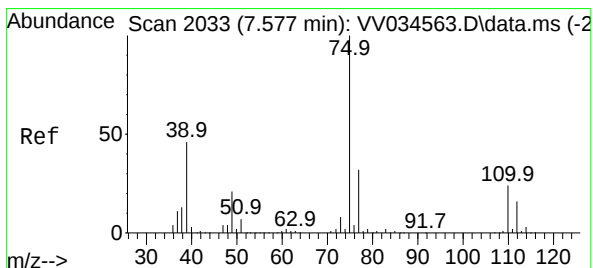
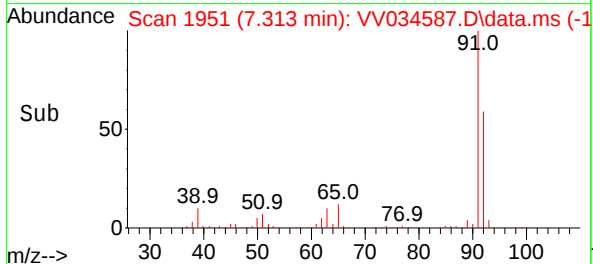
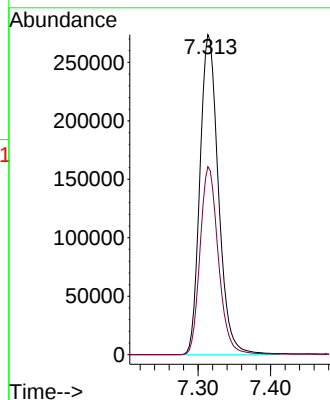
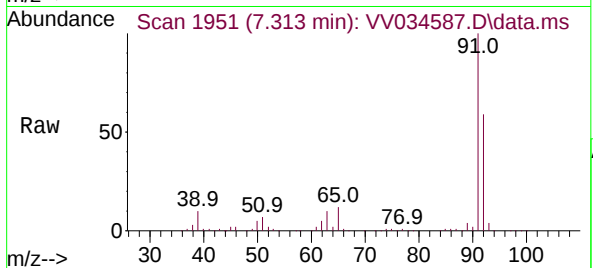
ClientSampleId :

Tgt Ion: 91 Resp: 485297

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 52.990 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034587.D

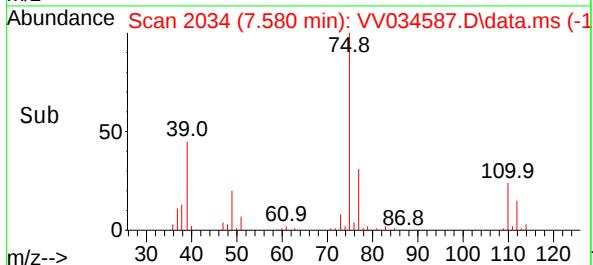
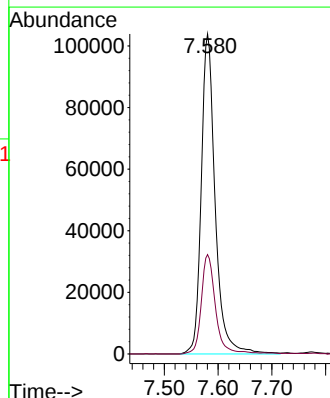
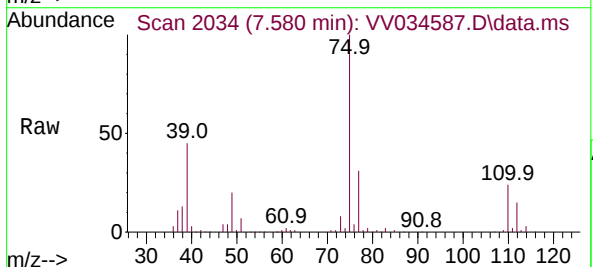
Acq: 13 Mar 2024 20:03

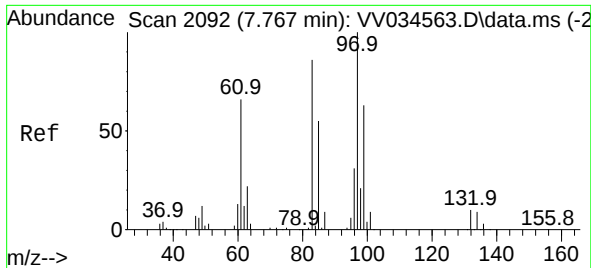
Tgt Ion: 75 Resp: 186848

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

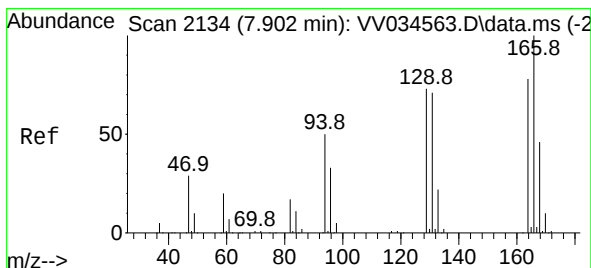
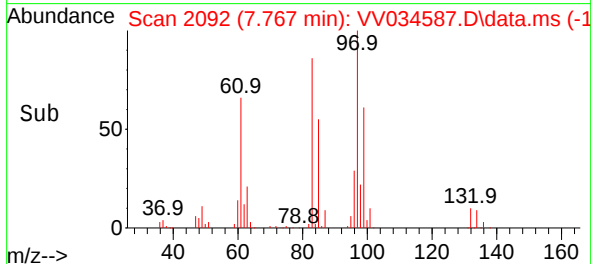
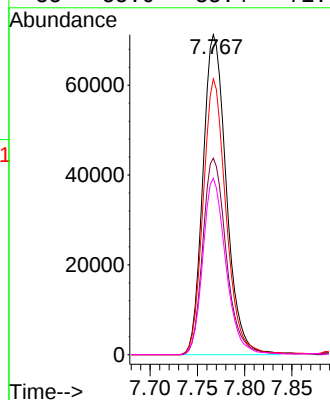
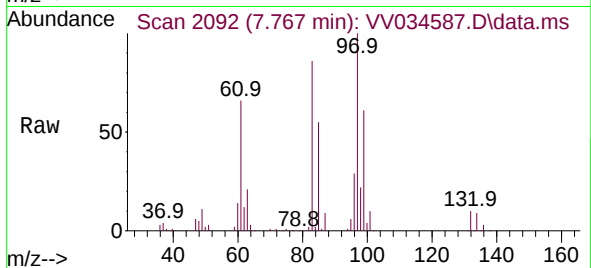




#45
1,1,2-Trichloroethane
Concen: 56.287 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

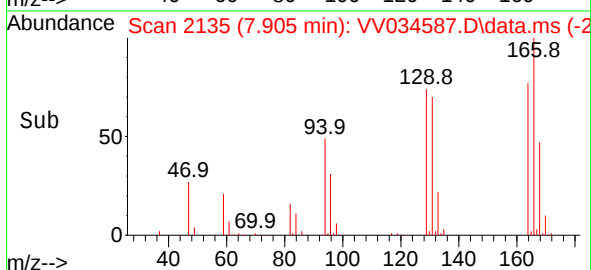
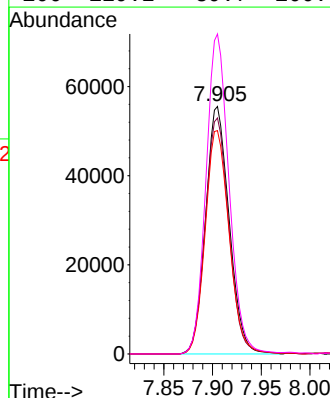
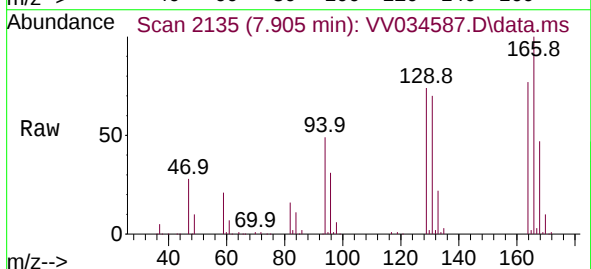
Instrument :
MSVOA_V
ClientSampleId :

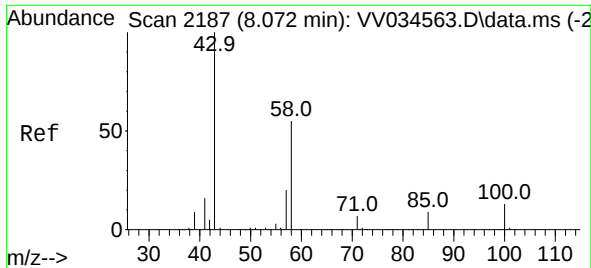
Tgt Ion:	97	Resp:	122894
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.4
83	86.2	59.4	110.2
85	55.0	38.4	71.4



#46
Tetrachloroethene
Concen: 51.320 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion:	164	Resp:	93769
Ion	Ratio	Lower	Upper
164	100		
129	95.3	65.7	121.9
131	90.3	62.2	115.6
166	129.2	89.7	166.7



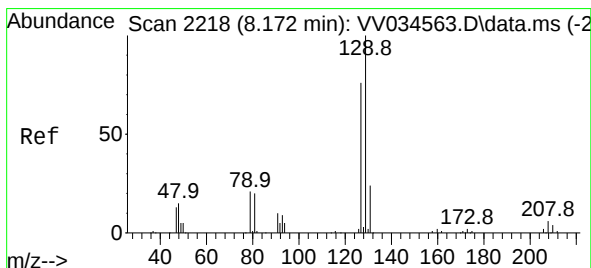
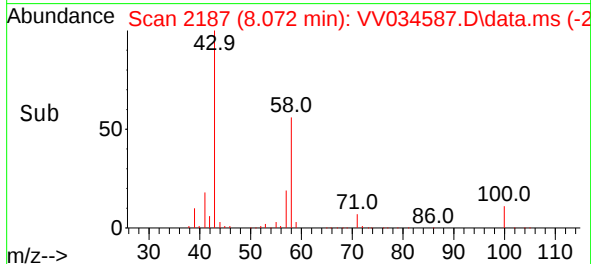
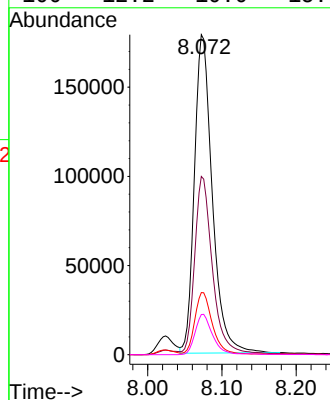
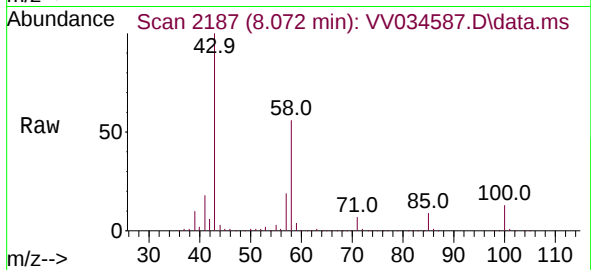


#48
2-Hexanone
Concen: 113.040 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 300553

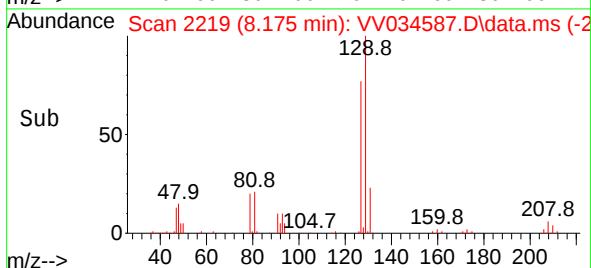
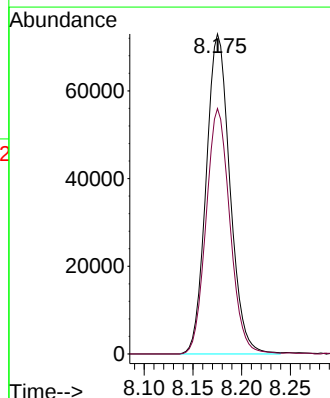
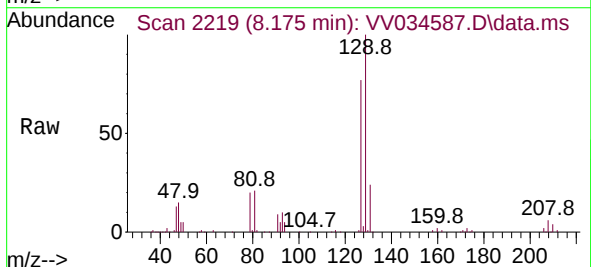
Ion	Ratio	Lower	Upper
43	100		
58	54.8	42.0	63.0
57	18.8	15.2	22.8
100	12.2	10.0	15.0

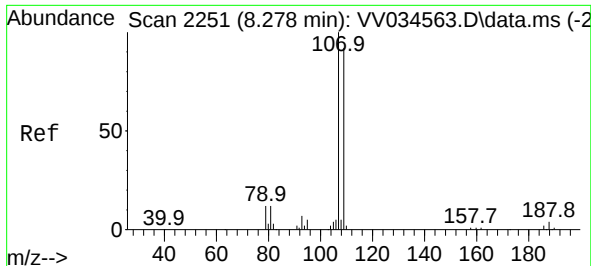


#49
Dibromochloromethane
Concen: 53.818 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion: 129 Resp: 123997

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.3	98.9

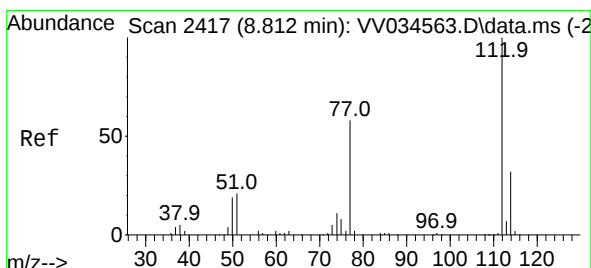
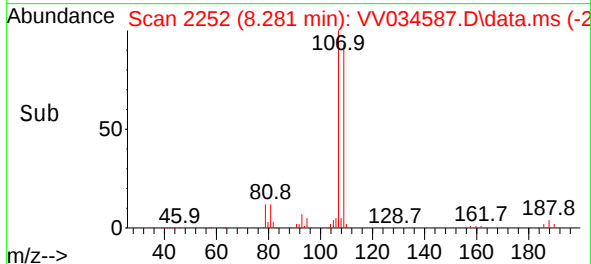
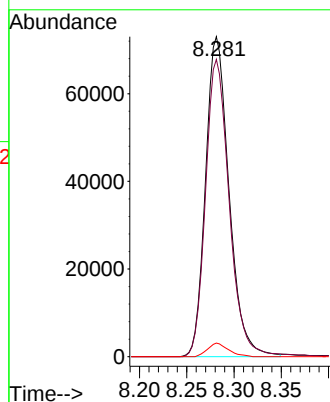
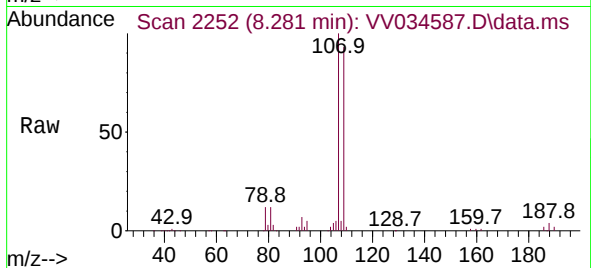




#50
1,2-Dibromoethane
Concen: 54.498 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

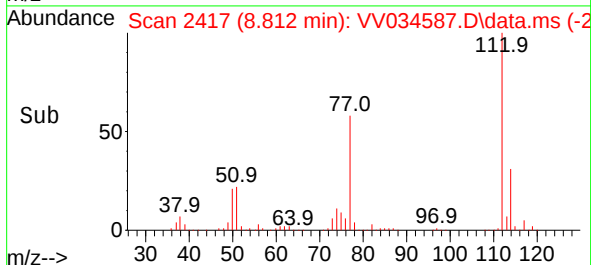
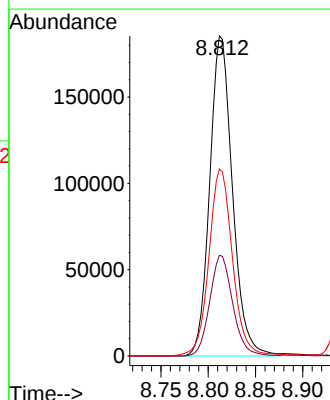
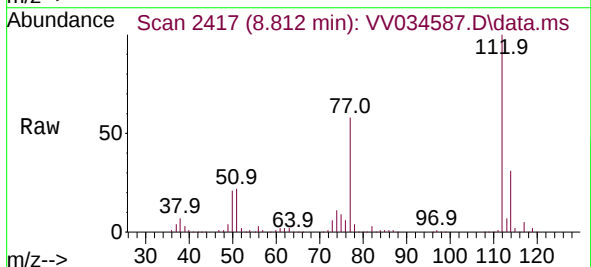
Instrument :
MSVOA_V
ClientSampleId :

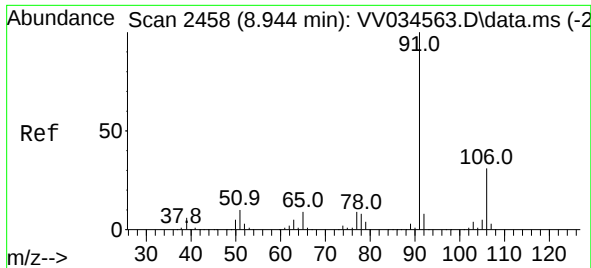
Tgt Ion:107 Resp: 126264
Ion Ratio Lower Upper
107 100
109 92.9 66.5 123.5
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 52.444 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion:112 Resp: 310133
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 58.4 47.7 71.5

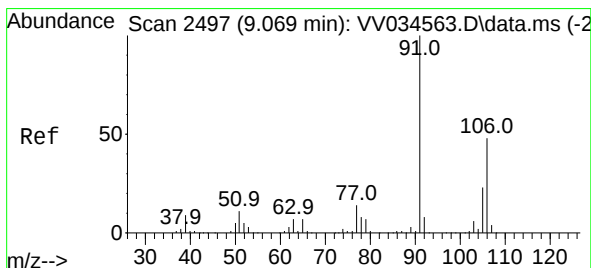
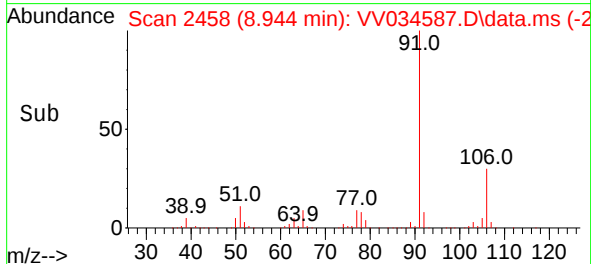
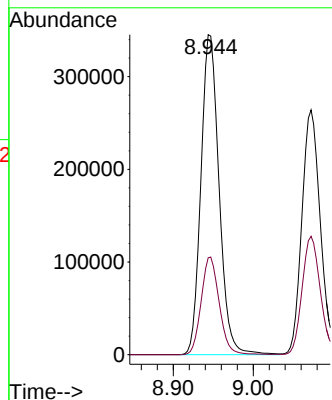
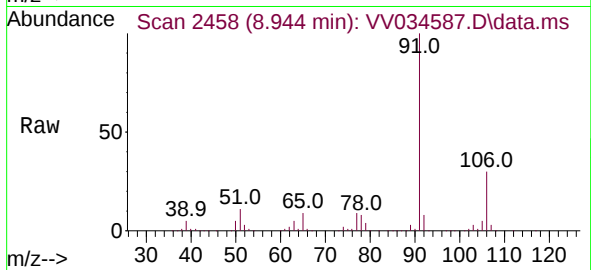




#52
Ethylbenzene
Concen: 53.332 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

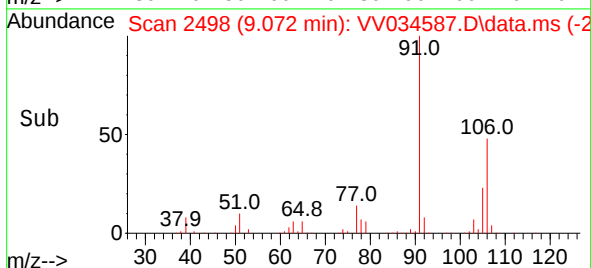
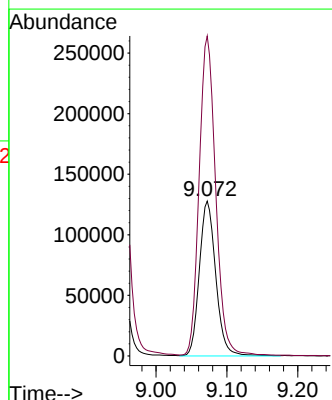
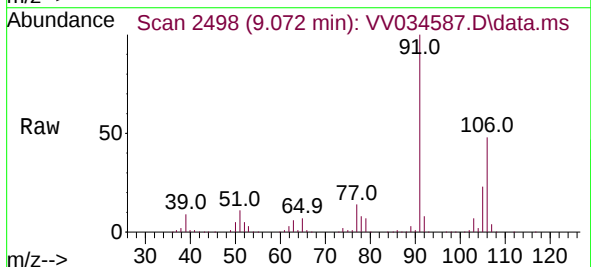
Instrument :
MSVOA_V
ClientSampleId :

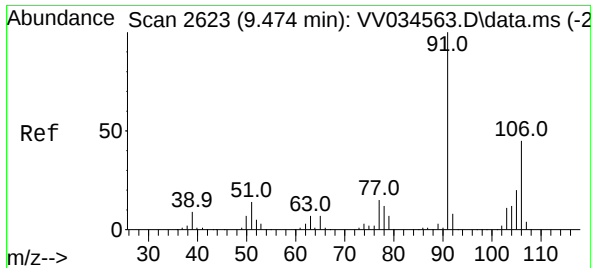
Tgt Ion: 91 Resp: 546632
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 52.905 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion:106 Resp: 205770
Ion Ratio Lower Upper
106 100
91 206.7 145.3 269.9

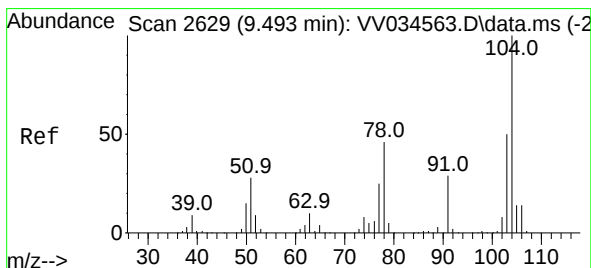
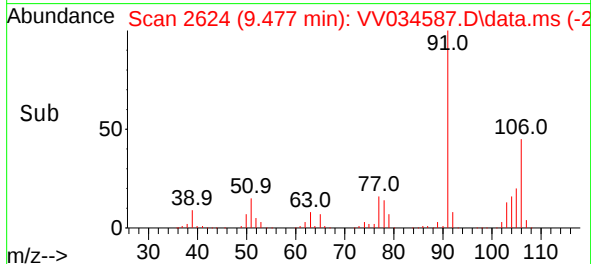
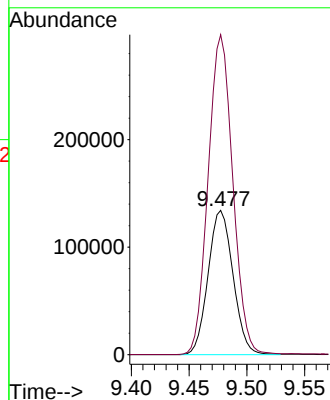
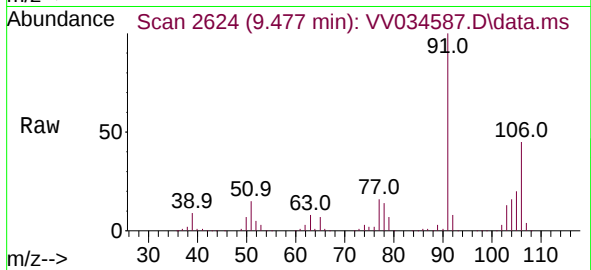




#54
o-Xylene
Concen: 53.045 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

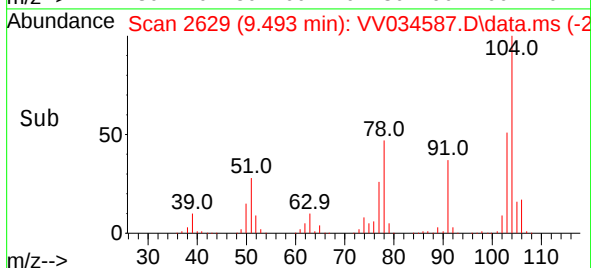
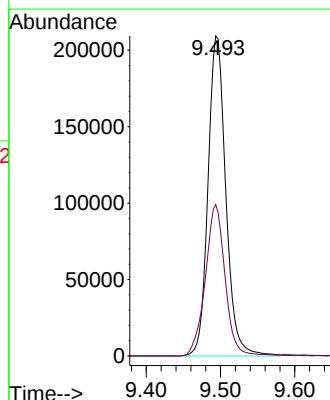
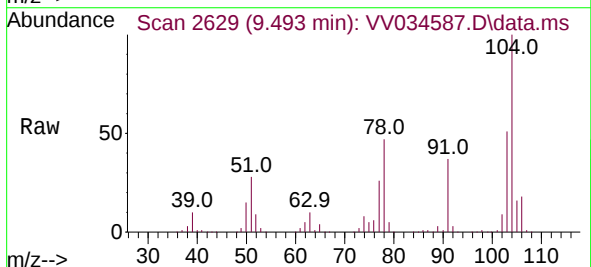
Instrument :
MSVOA_V
ClientSampleId :

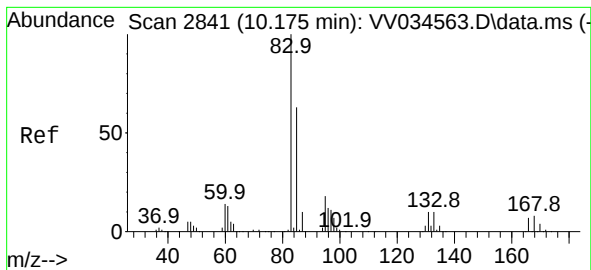
Tgt Ion:106 Resp: 202027
Ion Ratio Lower Upper
106 100
91 221.7 152.2 282.7



#55
Styrene
Concen: 54.077 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

Tgt Ion:104 Resp: 348715
Ion Ratio Lower Upper
104 100
78 47.3 33.0 61.4

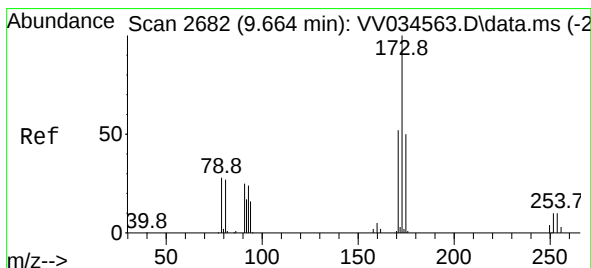
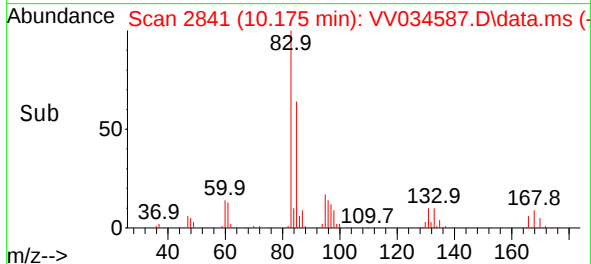
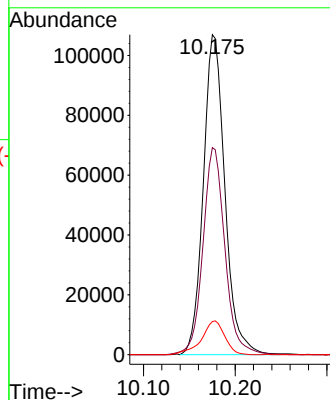
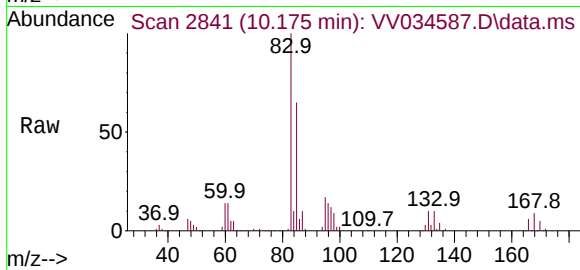




#57
1,1,2,2-Tetrachloroethane
Concen: 53.355 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

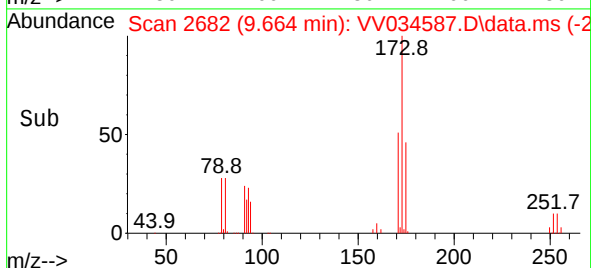
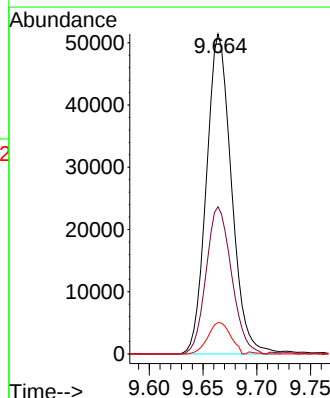
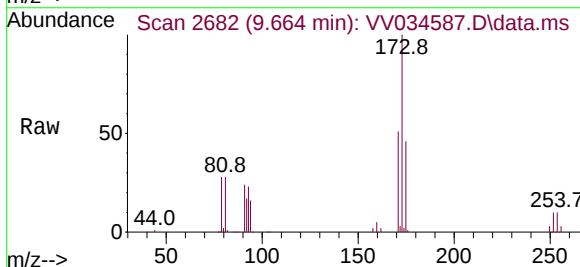
Instrument :
MSVOA_V
ClientSampleId :

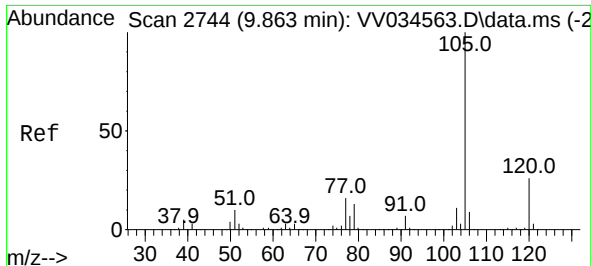
Tgt Ion: 83 Resp: 174967
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2
131 10.4 8.3 12.5



#59
Bromoform
Concen: 51.032 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

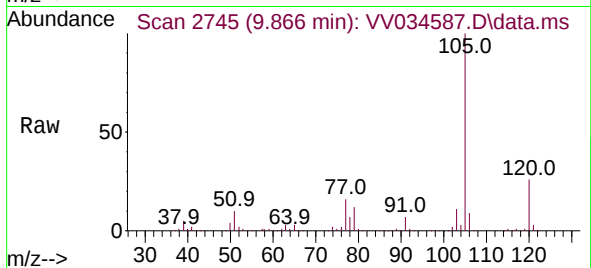
Tgt Ion: 173 Resp: 83196
Ion Ratio Lower Upper
173 100
175 46.7 39.1 58.7
254 8.9 7.8 11.8



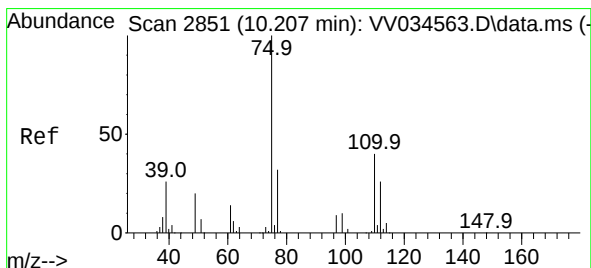
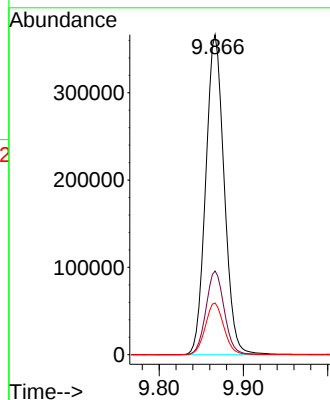
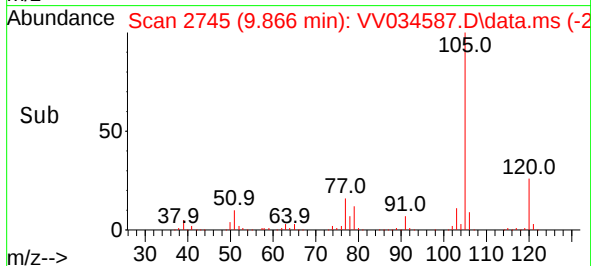


#60
Isopropylbenzene
Concen: 53.673 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03

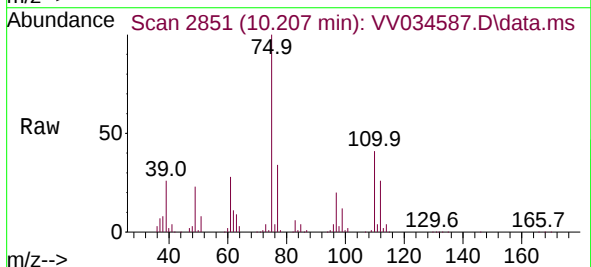
Instrument :
MSVOA_V
ClientSampleId :



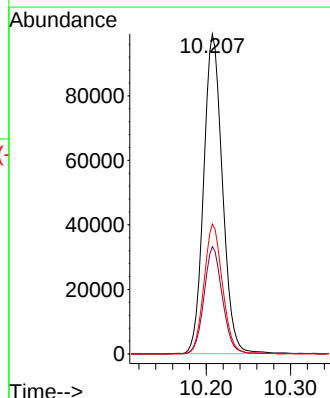
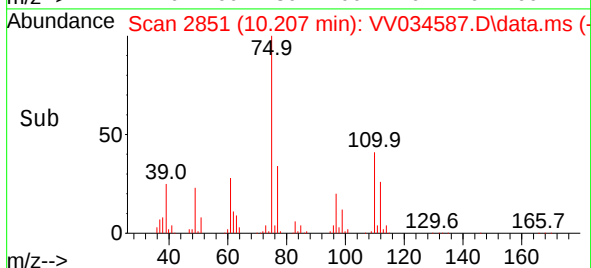
Tgt Ion:105 Resp: 558183
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.3 13.0 19.6

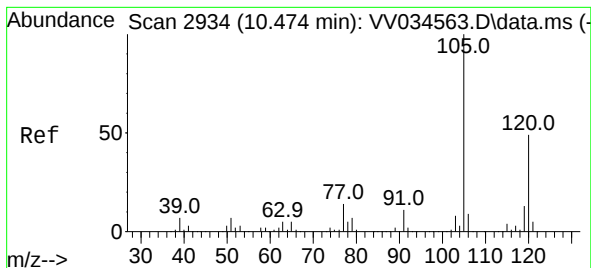


#61
1,2,3-Trichloropropane
Concen: 54.707 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034587.D
Acq: 13 Mar 2024 20:03



Tgt Ion: 75 Resp: 153557
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 40.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 52.625 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

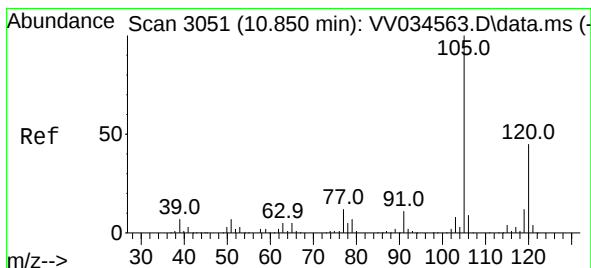
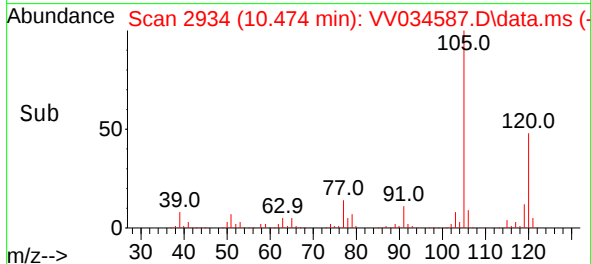
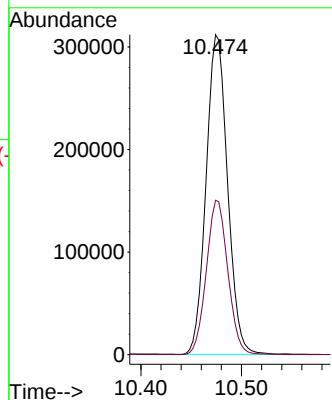
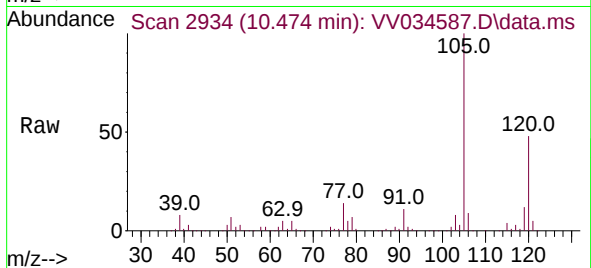
ClientSampleId :

Tgt Ion:105 Resp: 461658

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 53.119 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034587.D

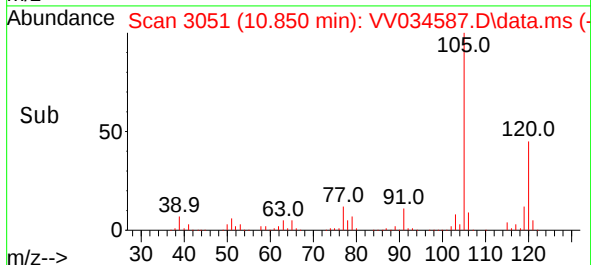
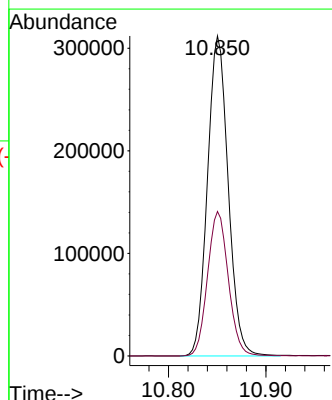
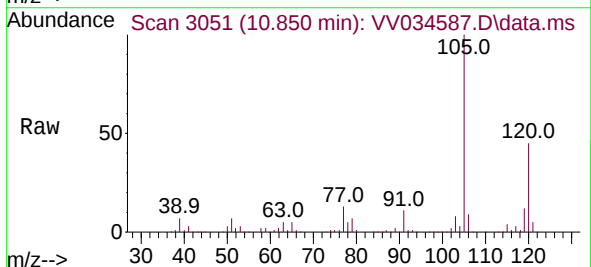
Acq: 13 Mar 2024 20:03

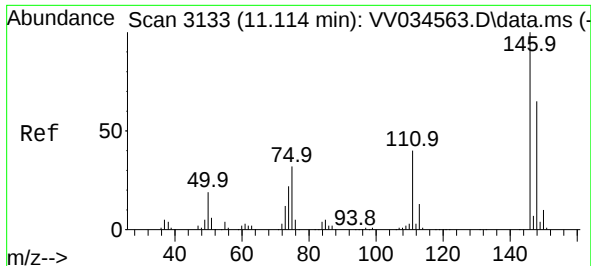
Tgt Ion:105 Resp: 460884

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 52.193 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

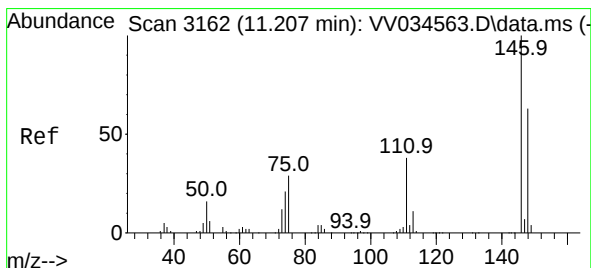
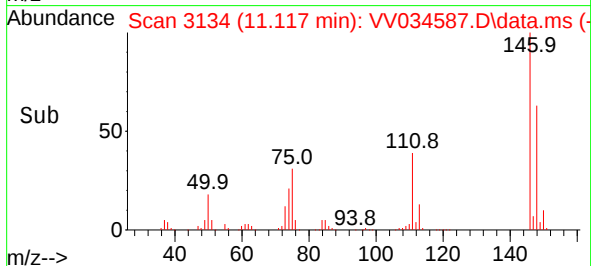
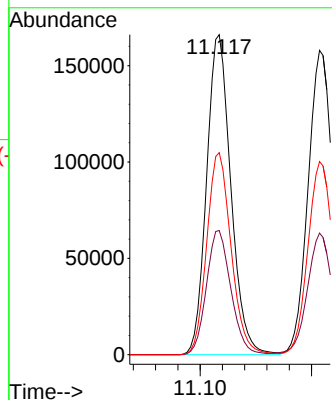
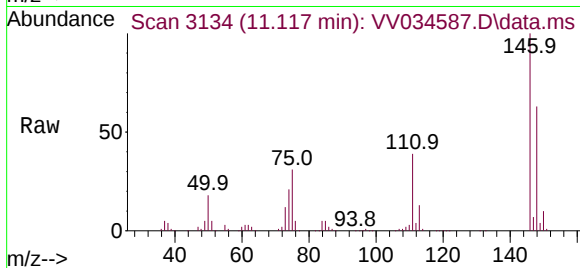
Tgt Ion:146 Resp: 250964

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.7

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 51.105 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

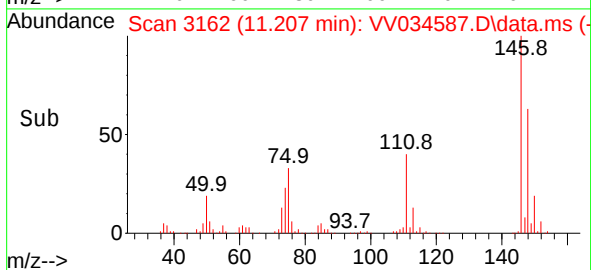
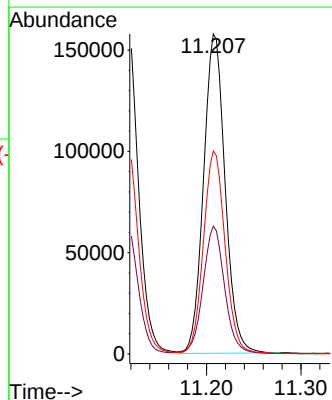
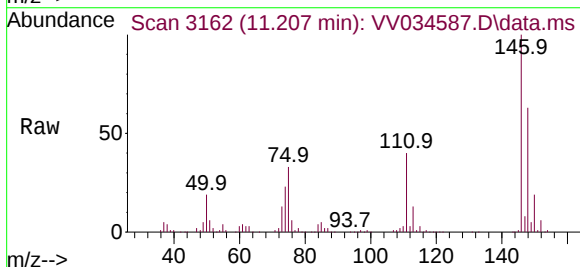
Tgt Ion:146 Resp: 249541

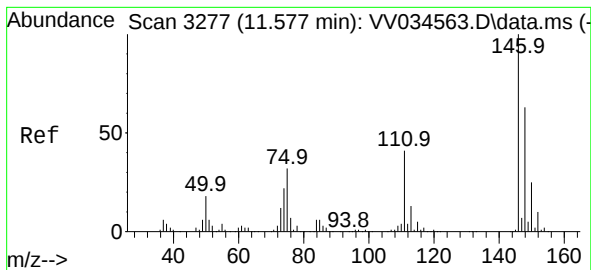
Ion Ratio Lower Upper

146 100

111 39.9 26.5 49.1

148 63.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 51.920 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

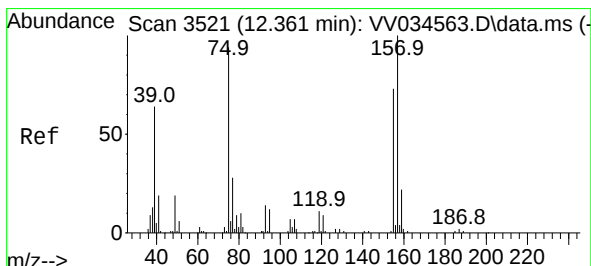
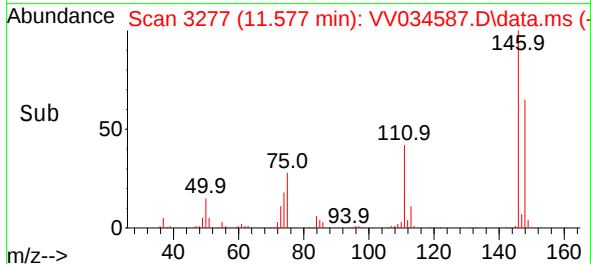
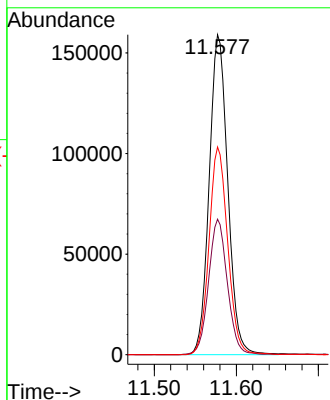
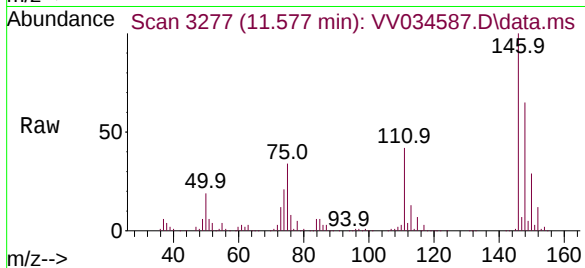
Tgt Ion:146 Resp: 250163

Ion Ratio Lower Upper

146 100

111 42.4 33.8 50.8

148 64.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.397 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

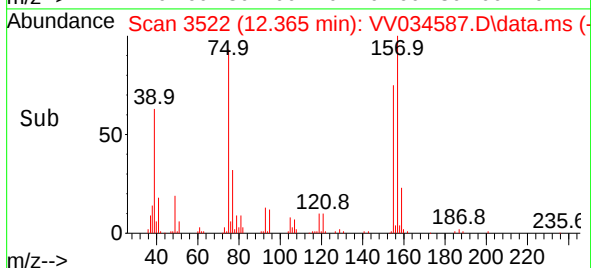
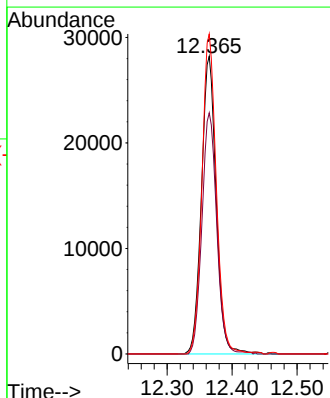
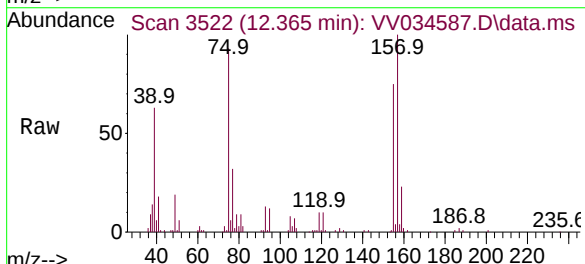
Tgt Ion: 75 Resp: 44647

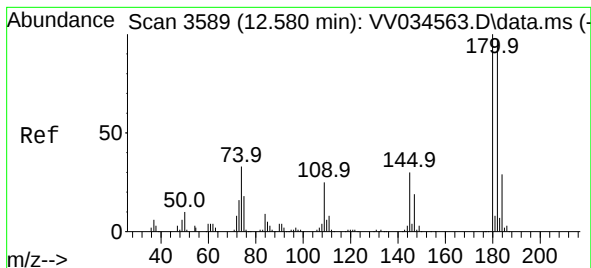
Ion Ratio Lower Upper

75 100

155 81.0 63.3 94.9

157 107.5 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 51.605 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

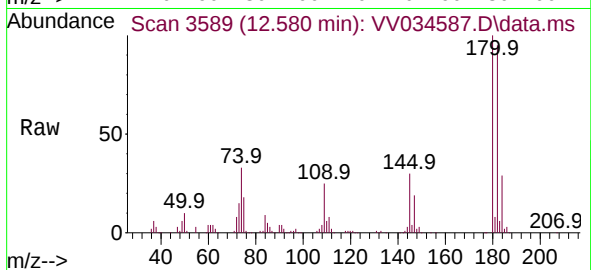
Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 186151

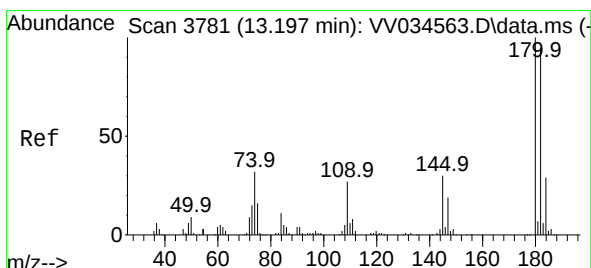
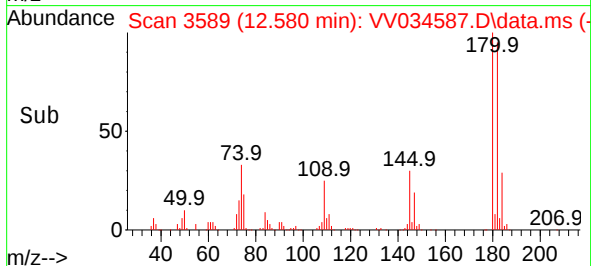
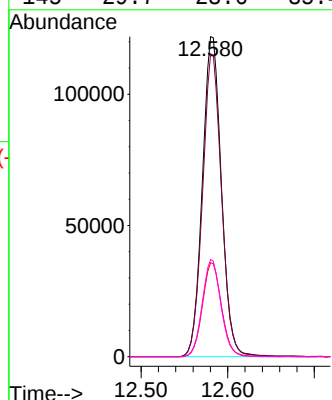
Ion Ratio Lower Upper

180 100

182 93.9 74.6 112.0

184 29.4 23.6 35.4

145 29.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.702 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

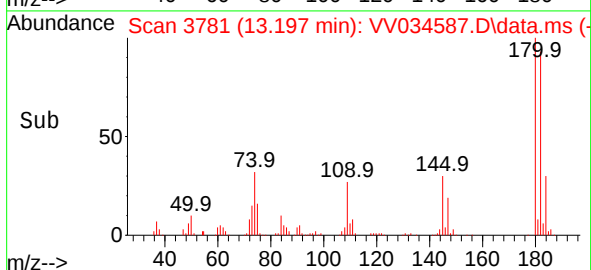
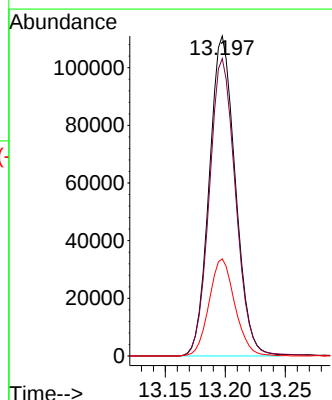
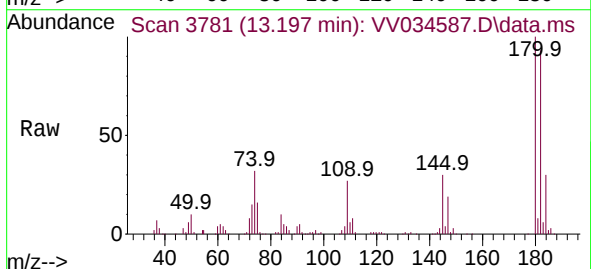
Tgt Ion:180 Resp: 167814

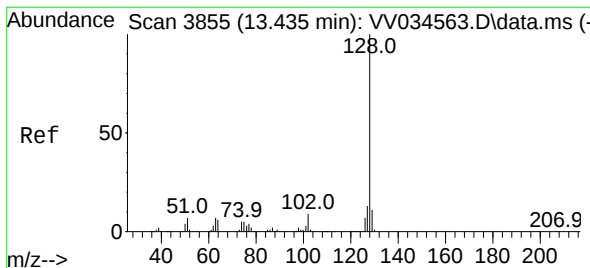
Ion Ratio Lower Upper

180 100

182 94.0 74.8 112.2

145 30.0 24.2 36.4





#71

Naphthalene

Concen: 54.721 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Instrument :

MSVOA_V

ClientSampleId :

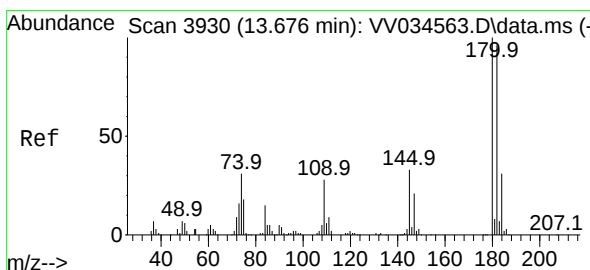
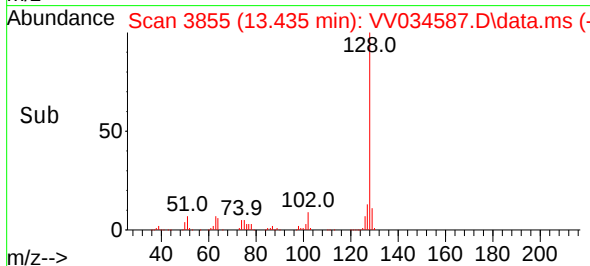
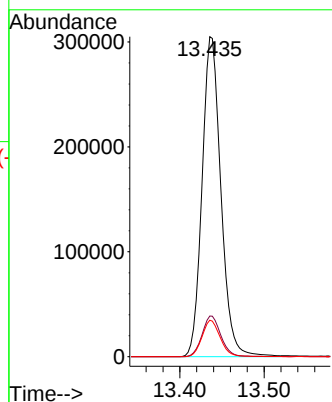
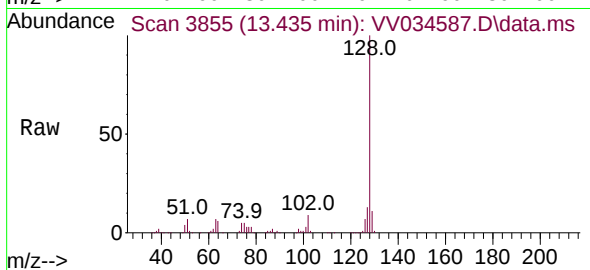
Tgt Ion:128 Resp: 475098

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.551 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034587.D

Acq: 13 Mar 2024 20:03

Tgt Ion:180 Resp: 172730

Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 32.7 25.5 38.3

