

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035886.D
 Acq On : 30 May 2024 11:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:41:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:31:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	541428	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	536310	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	293224	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	206161	20.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.840%
7) Chloroethane-d5	1.532	69	161133	20.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.056	65	88491	19.969	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	3.854	46	95201	41.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.360%
24) Chloroform-d	4.246	84	345244	20.057	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.240%
26) 1,2-Dichloroethane-d4	4.940	65	179729	19.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.640%
32) Benzene-d6	4.957	84	694597	21.788	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	5.985	67	210987	21.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.080%
41) Toluene-d8	7.239	98	631702	22.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	7.551	79	90223	21.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.680%
47) 2-Hexanone-d5	8.034	63	64990	47.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	145902	19.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	229470	21.340	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	213096	21.828	ug/L	100
3) Chloromethane	1.214	50	244605	21.833	ug/L	100
5) Vinyl chloride	1.281	62	260401	22.078	ug/L	99
6) Bromomethane	1.487	94	159958	21.861	ug/L	99
8) Chloroethane	1.548	64	157340	21.461	ug/L	98
9) Trichlorofluoromethane	1.712	101	320839	21.904	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	201955	21.725	ug/L	99
12) 1,1-Dichloroethene	2.066	96	187503	21.626	ug/L	98
13) Acetone	2.391	43	88305	24.822	ug/L	69
14) Carbon disulfide	2.236	76	653618	21.709	ug/L	100
15) Methyl Acetate	2.391	43	97832	22.124	ug/L	98
16) Methylene chloride	2.445	84	233568	19.065	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	204490	22.203	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	487346	23.570	ug/L	99
19) 1,1-Dichloroethane	3.108	63	382190	21.790	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	214147	23.140	ug/L	100
22) 2-Butanone	3.918	43	127995	42.401	ug/L #	72
23) Bromochloromethane	4.146	128	103761	22.352	ug/L	99
25) Chloroform	4.272	83	390757	21.658	ug/L	100

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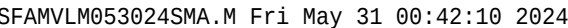
Instrument :
 MSVOA_V
 ClientSampleId :

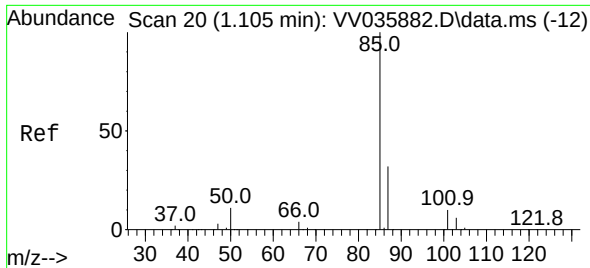
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 QLast Update : Fri May 31 00:31:35 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	249174	22.121	ug/L	100
29) Cyclohexane	4.580	56	326919	25.602	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	330201	22.521	ug/L	99
31) Carbon tetrachloride	4.731	117	291318	22.648	ug/L	100
33) Benzene	5.005	78	828878	23.631	ug/L	100
34) Trichloroethene	5.828	95	254795	23.701	ug/L	98
35) Methylcyclohexane	6.046	83	373366	25.114	ug/L	100
37) 1,2-Dichloropropane	6.088	63	222168	24.122	ug/L	99
38) Bromodichloromethane	6.429	83	277189	22.738	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	336236	24.408	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	253919	50.743	ug/L	99
42) Toluene	7.310	91	892364	24.897	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	294915	24.785	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	174486	22.896	ug/L	100
46) Tetrachloroethene	7.902	164	180496	22.957	ug/L	98
48) 2-Hexanone	8.079	43	206903	52.889	ug/L	98
49) Dibromochloromethane	8.175	129	193618	23.214	ug/L	99
50) 1,2-Dibromoethane	8.278	107	172913	23.647	ug/L	98
51) Chlorobenzene	8.812	112	575376	23.561	ug/L	100
52) Ethylbenzene	8.943	91	974145	25.403	ug/L	99
53) m,p-Xylene	9.069	106	373735	25.938	ug/L	100
54) o-Xylene	9.474	106	345682	25.440	ug/L	100
55) Styrene	9.493	104	622954	25.998	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	145940	21.387	ug/L	99
59) Bromoform	9.664	173	125879	22.764	ug/L	99
60) Isopropylbenzene	9.863	105	959841	25.515	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	161916	23.348	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	707817	25.948	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	780320	26.550	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	478923	24.242	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	488600	23.961	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	445515	23.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	37896	24.437	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	366017	24.768	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	310538	26.689	ug/L	100
71) Naphthalene	13.435	128	570332	30.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	290703	27.378	ug/L	99

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

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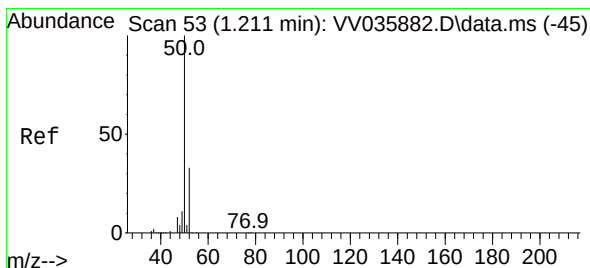
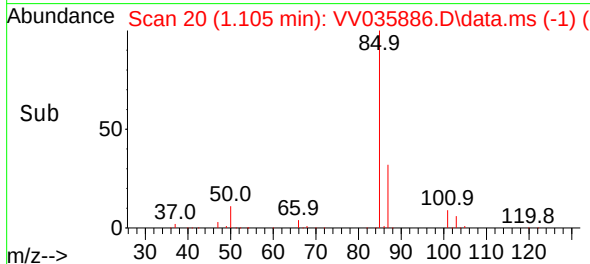
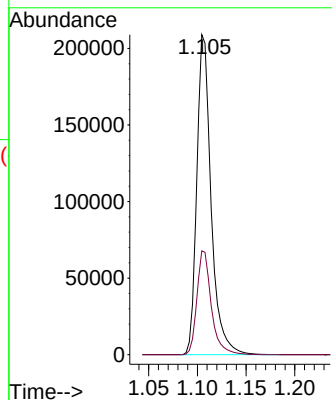
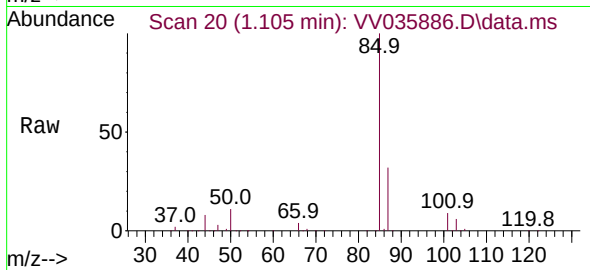




#2
Dichlorodifluoromethane
Concen: 21.828 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

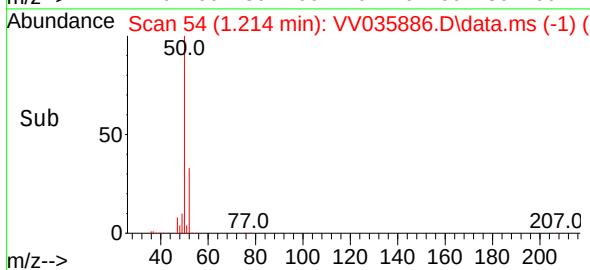
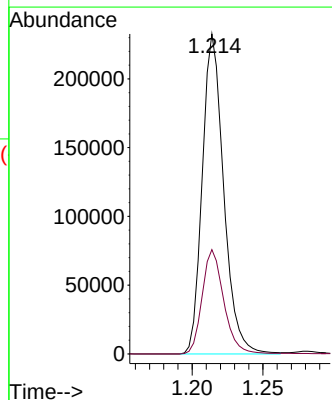
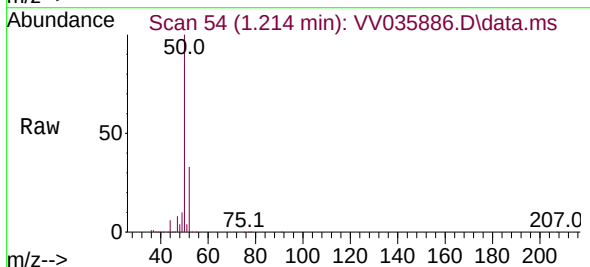
Instrument :
MSVOA_V
ClientSampleId :

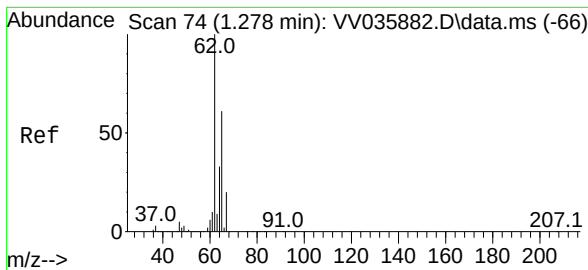
Tgt Ion: 85 Resp: 213096
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 21.833 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 50 Resp: 244605
Ion Ratio Lower Upper
50 100
52 32.6 22.8 42.4

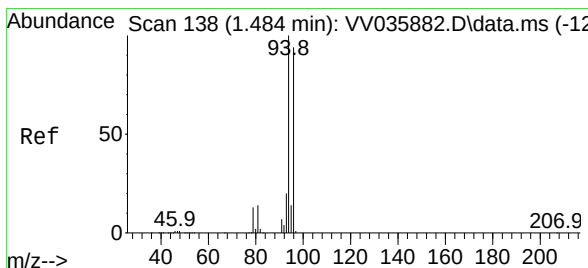
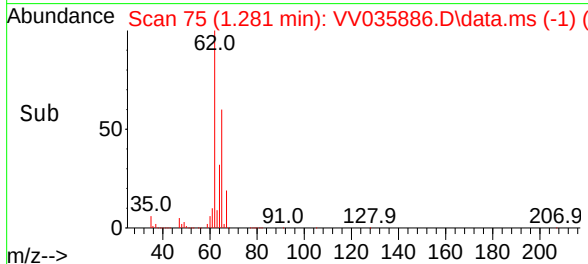
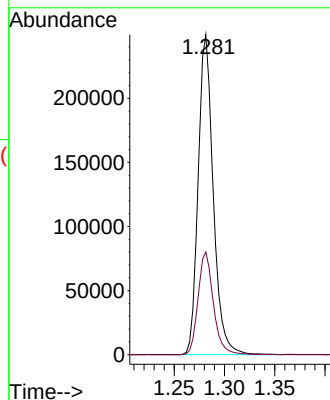
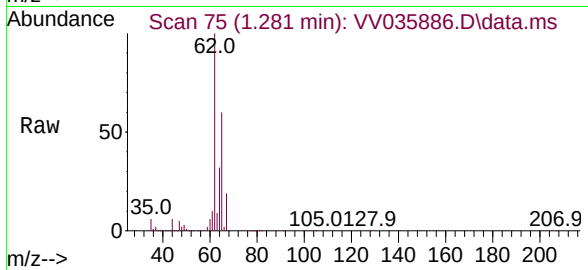




#5
 Vinyl chloride
 Concen: 22.078 ug/L
 RT: 1.281 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV035886.D
 Acq: 30 May 2024 11:29

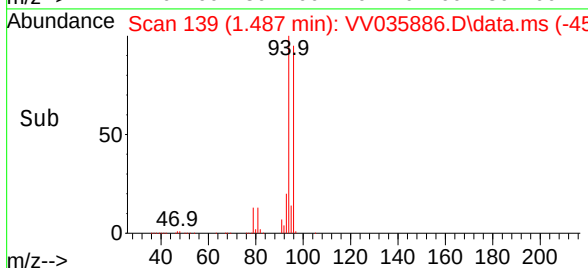
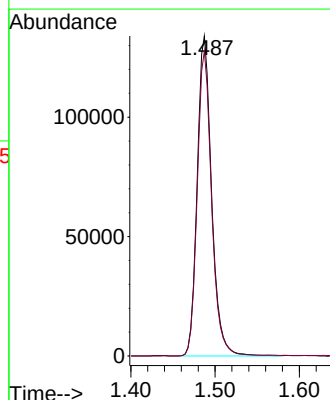
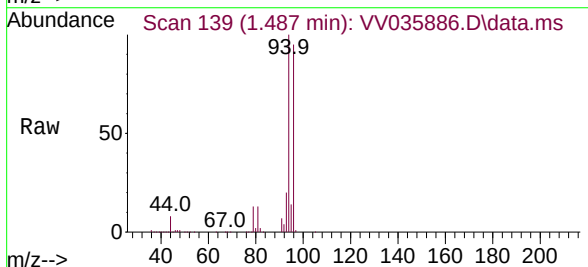
Instrument :
 MSVOA_V
 ClientSampleId :

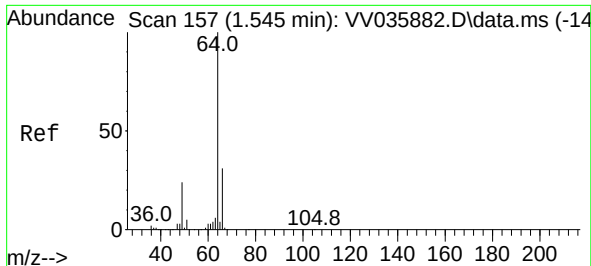
Tgt Ion: 62 Resp: 260401
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 21.861 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV035886.D
 Acq: 30 May 2024 11:29

Tgt Ion: 94 Resp: 159958
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.7 122.1





#8

Chloroethane

Concen: 21.461 ug/L

RT: 1.548 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

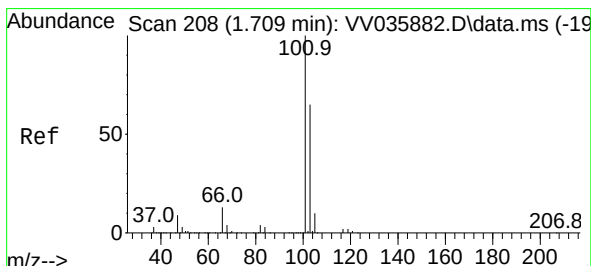
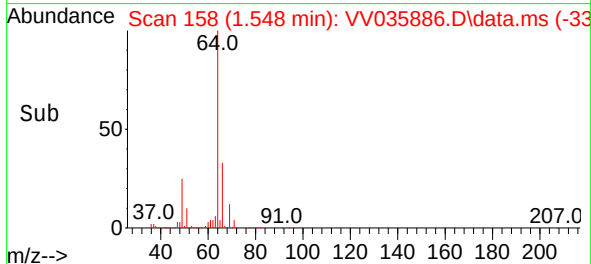
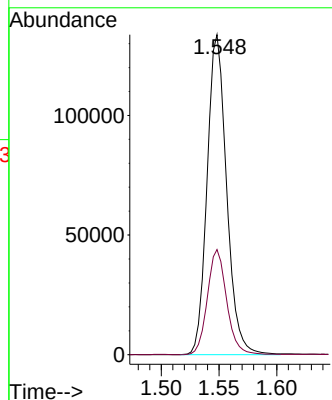
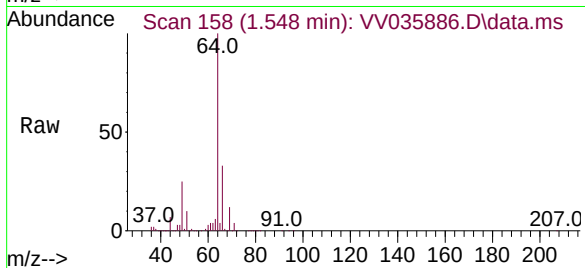
ClientSampleId :

Tgt Ion: 64 Resp: 157340

Ion Ratio Lower Upper

64 100

66 32.8 22.0 41.0



#9

Trichlorofluoromethane

Concen: 21.904 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.003 min

Lab File: VV035886.D

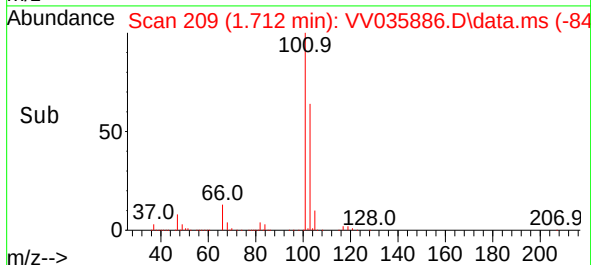
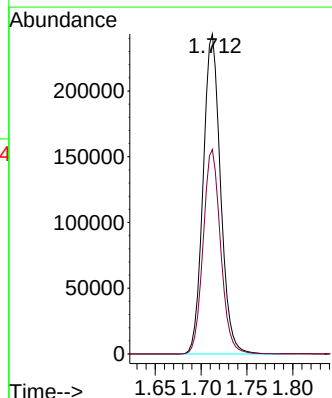
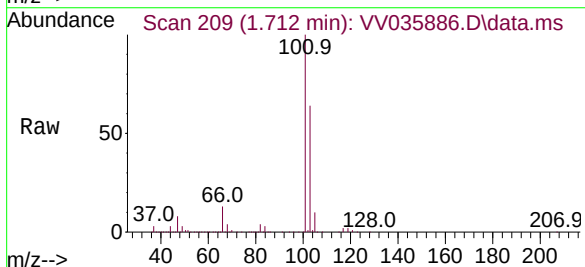
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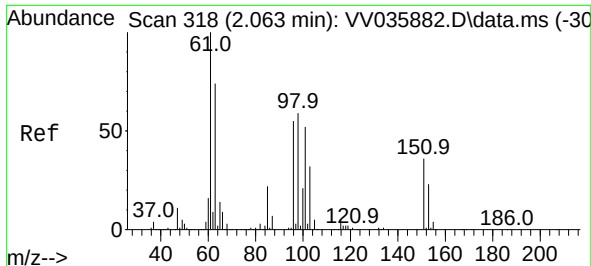
Tgt Ion:101 Resp: 320839

Ion Ratio Lower Upper

101 100

103 64.3 51.8 77.8





#10

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

Concen: 21.725 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

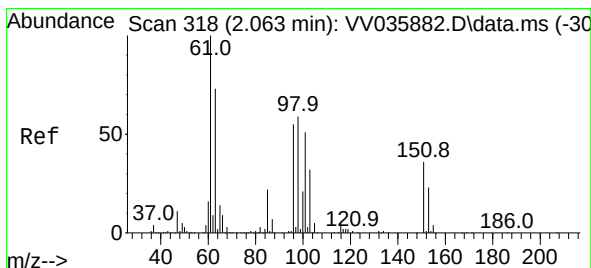
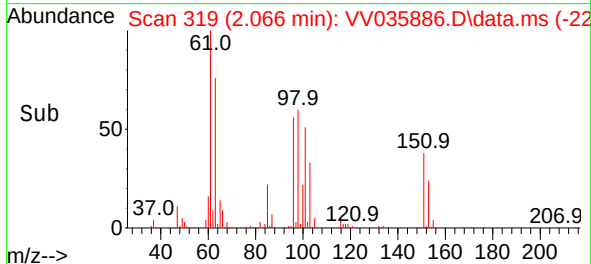
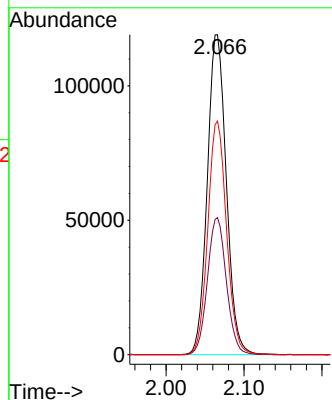
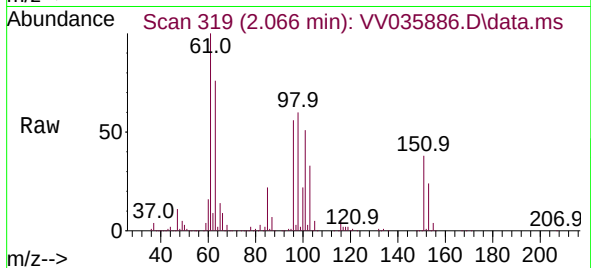
Tgt Ion:101 Resp: 201955

Ion Ratio Lower Upper

101 100

85 42.6 34.5 51.7

151 72.0 56.3 84.5



#12

1,1-Dichloroethene

Concen: 21.626 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

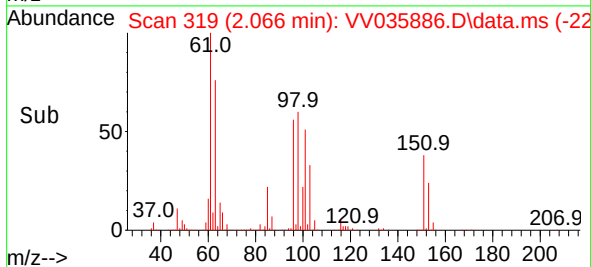
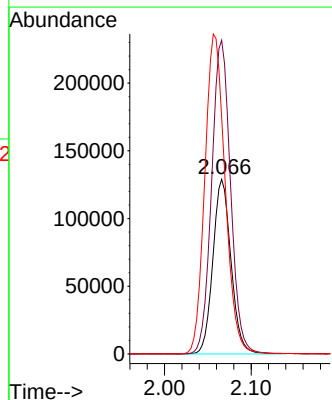
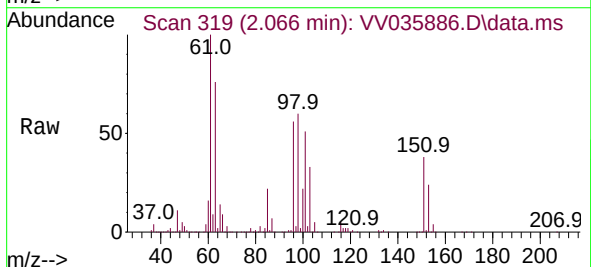
Tgt Ion: 96 Resp: 187503

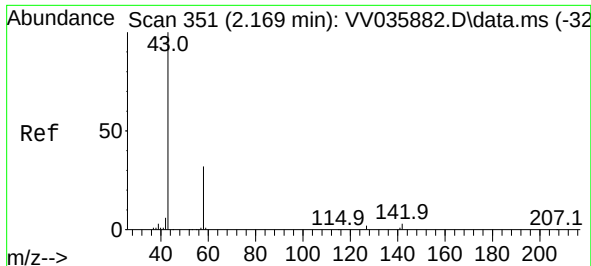
Ion Ratio Lower Upper

96 100

61 179.5 127.3 236.3

63 135.8 93.7 173.9





#13

Acetone

Concen: 24.822 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.222 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

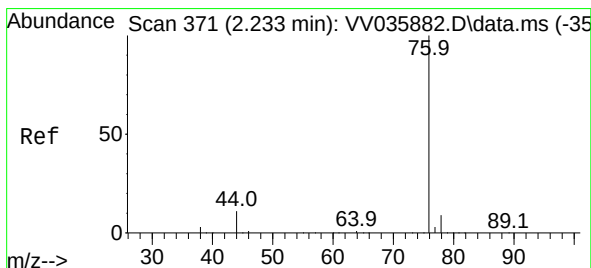
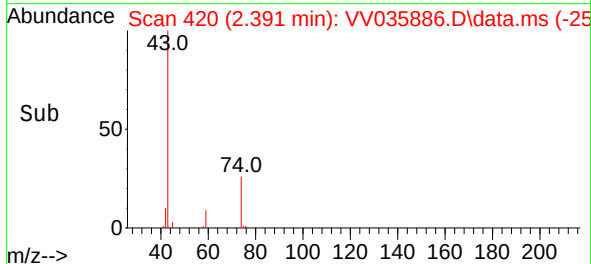
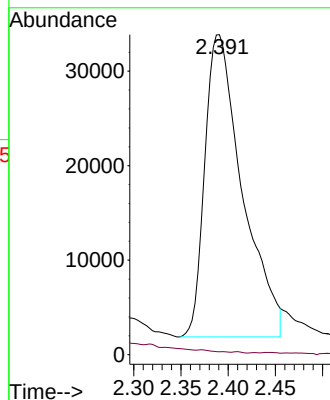
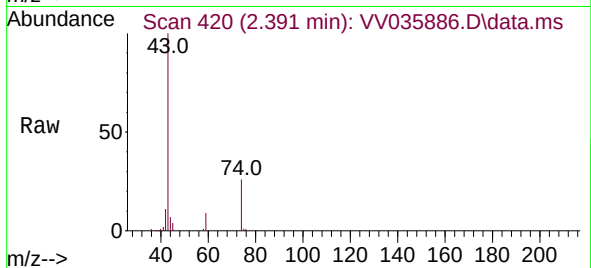
ClientSampleId :

Tgt Ion: 43 Resp: 88305

Ion Ratio Lower Upper

43 100

58 0.1 0.0 24.2



#14

Carbon disulfide

Concen: 21.709 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV035886.D

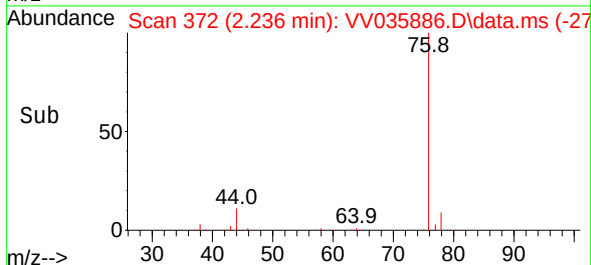
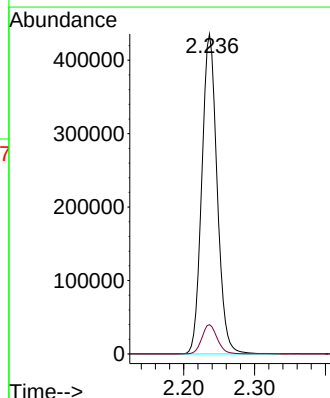
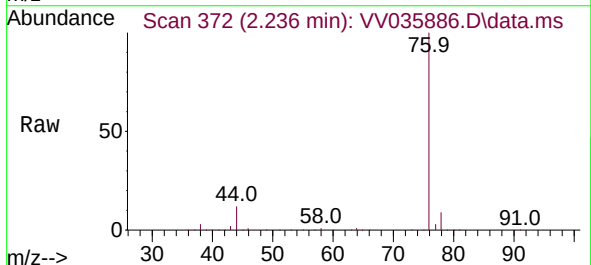
Acq: 30 May 2024 11:29

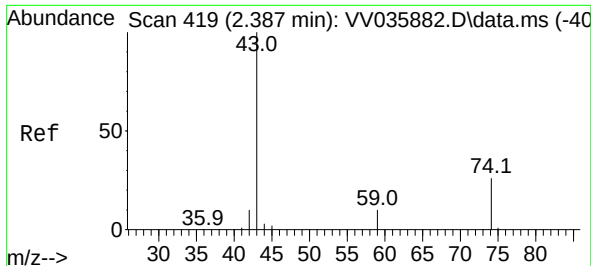
Tgt Ion: 76 Resp: 653618

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 22.124 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

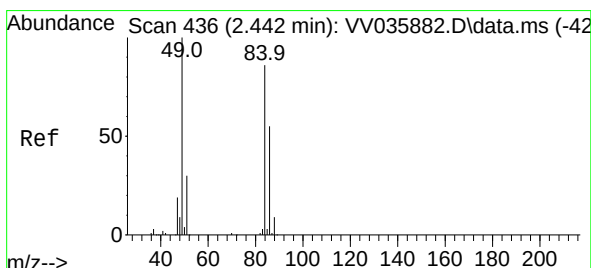
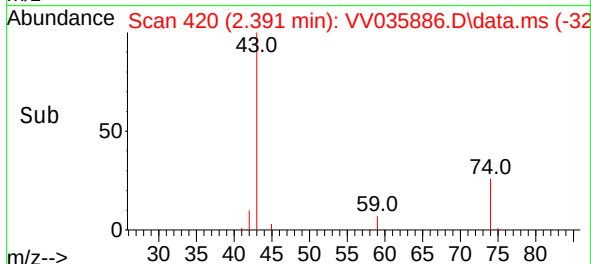
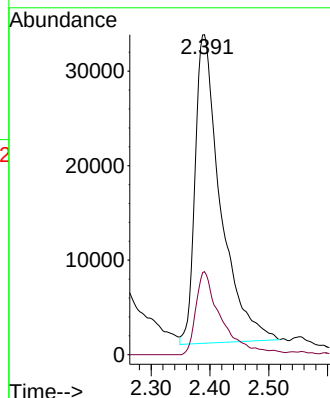
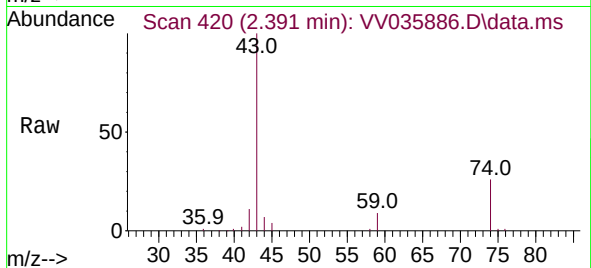
ClientSampleId :

Tgt Ion: 43 Resp: 97832

Ion Ratio Lower Upper

43 100

74 25.5 21.4 32.2



#16

Methylene chloride

Concen: 19.065 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

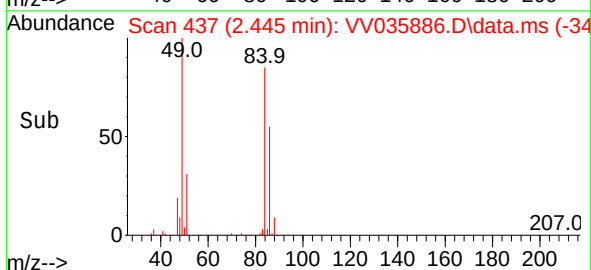
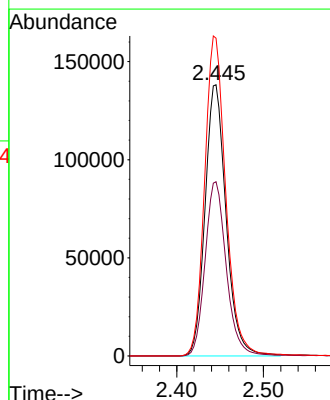
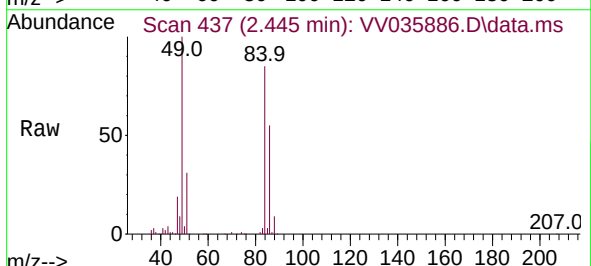
Tgt Ion: 84 Resp: 233568

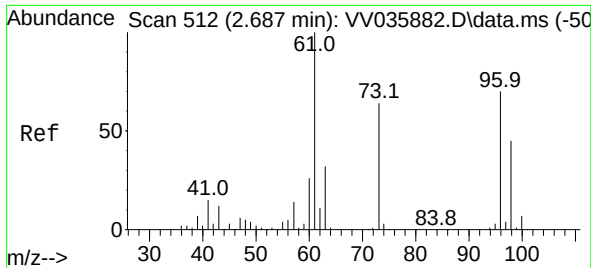
Ion Ratio Lower Upper

84 100

86 64.3 44.6 82.8

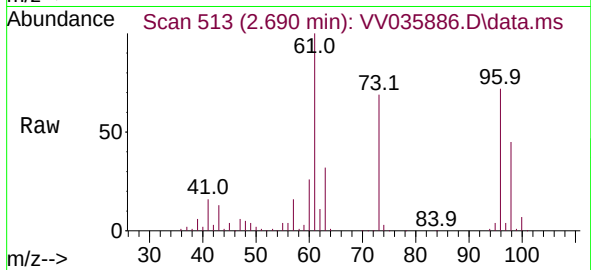
49 117.1 81.1 150.5



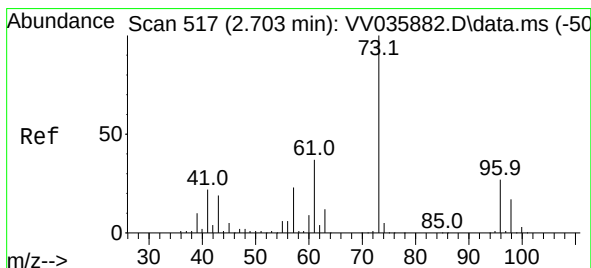
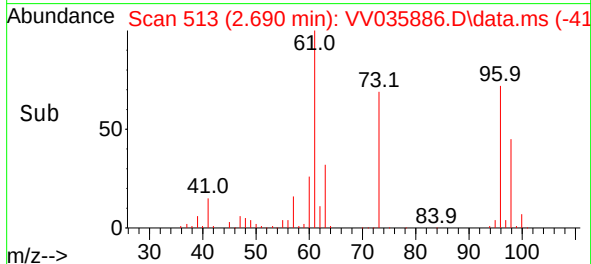
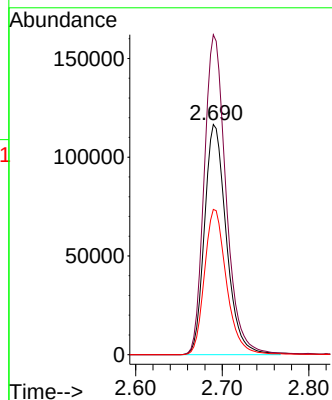


#17
trans-1,2-Dichloroethene
Concen: 22.203 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Instrument :
MSVOA_V
ClientSampleId :

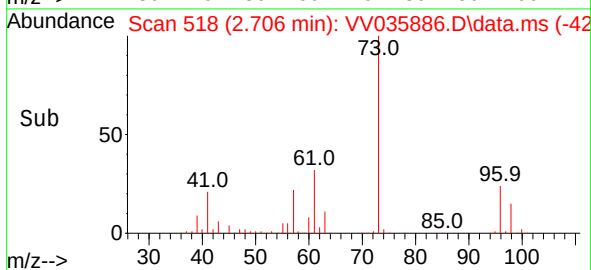
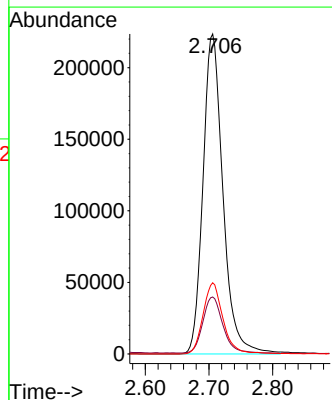
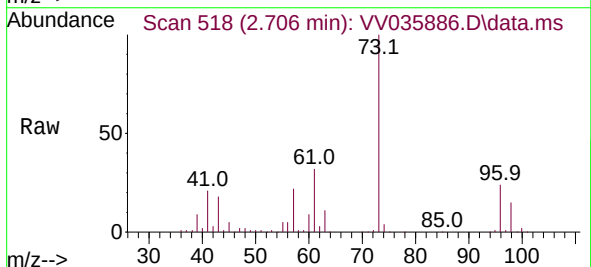


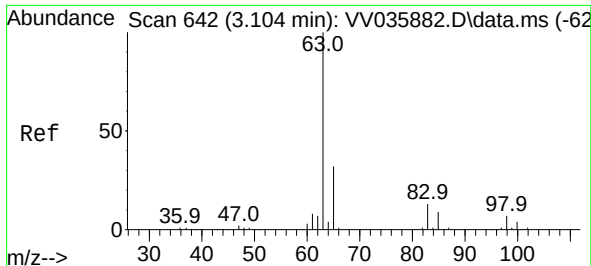
Tgt Ion: 96 Resp: 204490
Ion Ratio Lower Upper
96 100
61 139.0 99.4 184.6
98 63.1 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 23.570 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 73 Resp: 487346
Ion Ratio Lower Upper
73 100
43 17.5 14.3 21.5
57 21.9 17.8 26.6





#19

1,1-Dichloroethane

Concen: 21.790 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

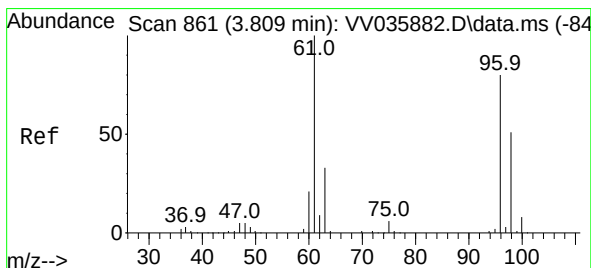
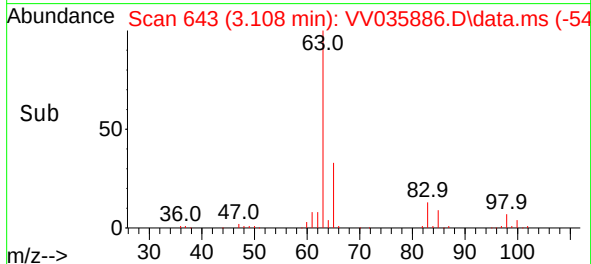
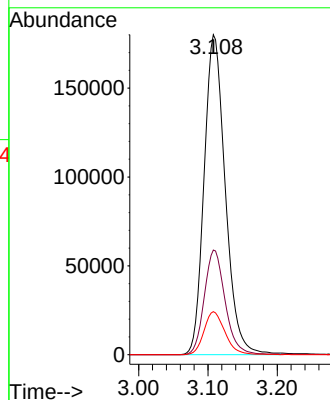
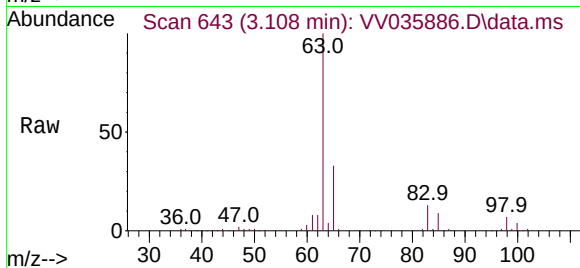
Tgt Ion: 63 Resp: 382190

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 13.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 23.140 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

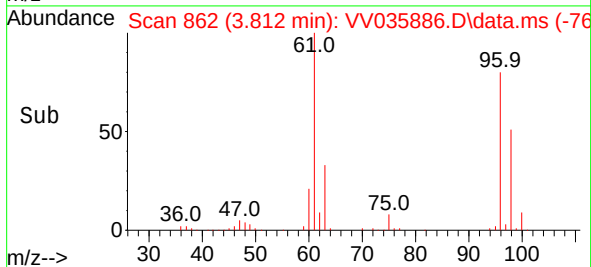
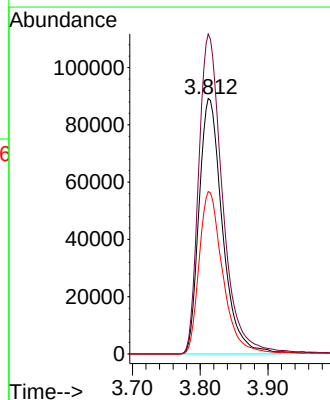
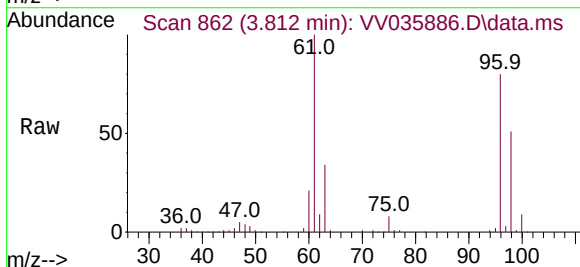
Tgt Ion: 96 Resp: 214147

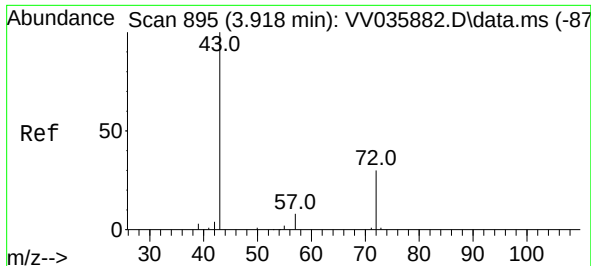
Ion Ratio Lower Upper

96 100

61 125.3 87.9 163.3

98 63.5 44.4 82.5





#22

2-Butanone

Concen: 42.401 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

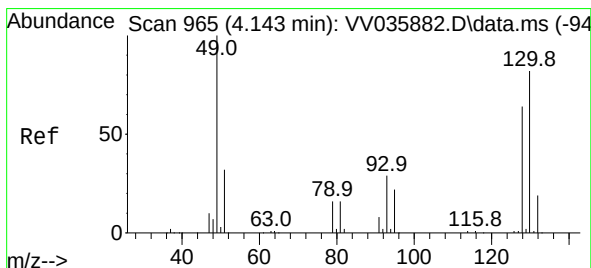
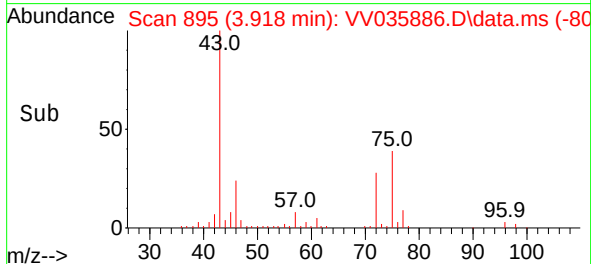
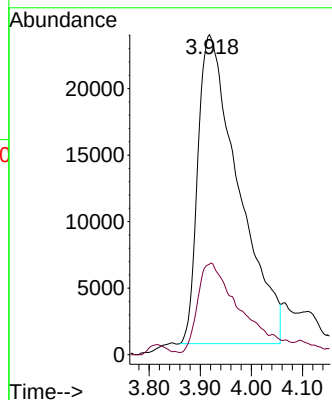
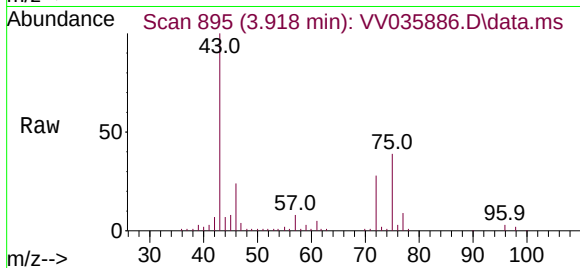
ClientSampleId :

Tgt Ion: 43 Resp: 127995

Ion Ratio Lower Upper

43 100

72 28.4 8.2 24.4#



#23

Bromochloromethane

Concen: 22.352 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Tgt Ion: 128 Resp: 103761

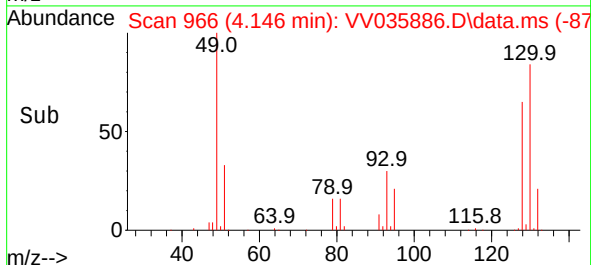
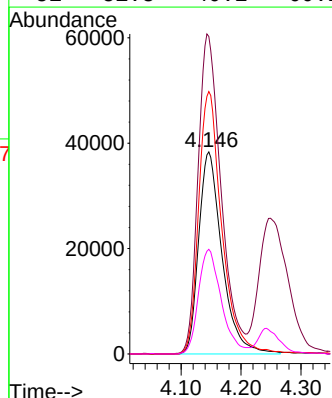
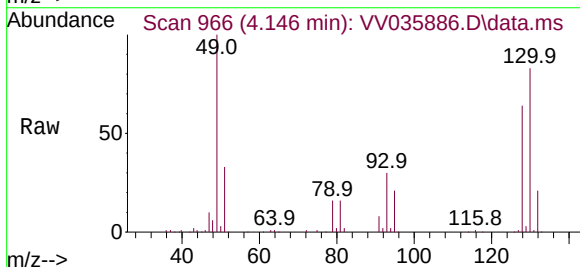
Ion Ratio Lower Upper

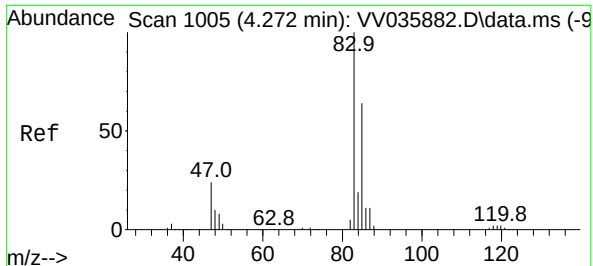
128 100

49 157.1 110.2 204.6

130 129.9 90.2 167.4

51 51.8 40.2 60.2





#25

Chloroform

Concen: 21.658 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

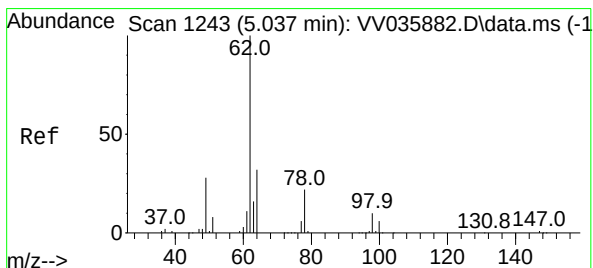
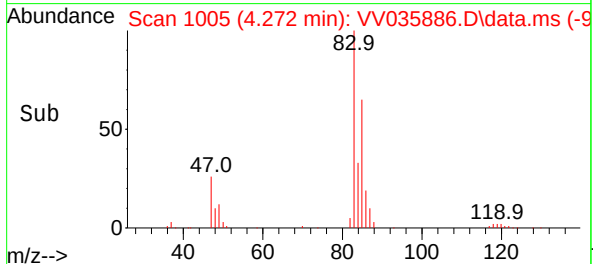
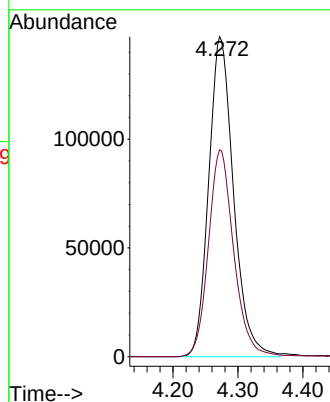
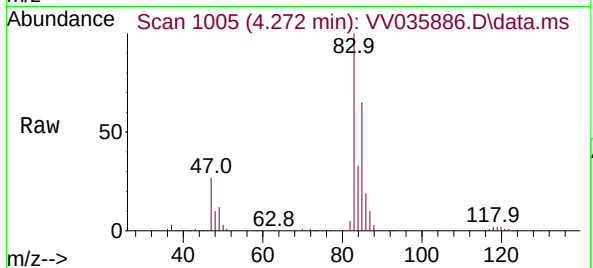
ClientSampleId :

Tgt Ion: 83 Resp: 390757

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 22.121 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035886.D

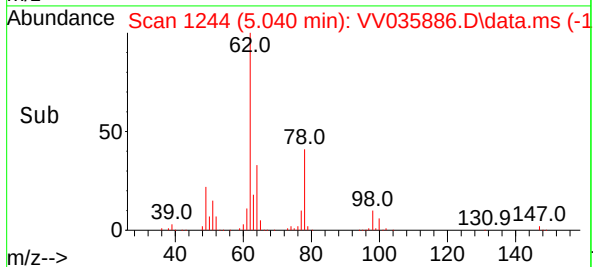
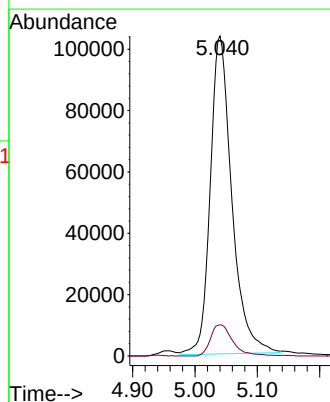
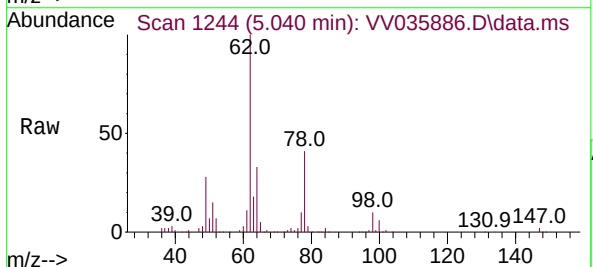
Acq: 30 May 2024 11:29

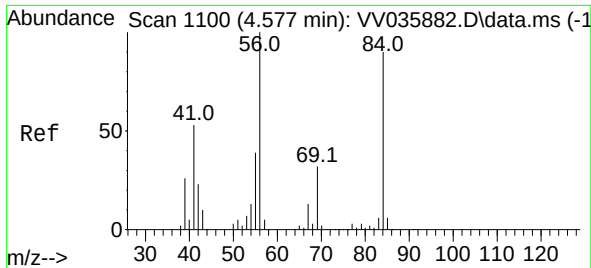
Tgt Ion: 62 Resp: 249174

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 25.602 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

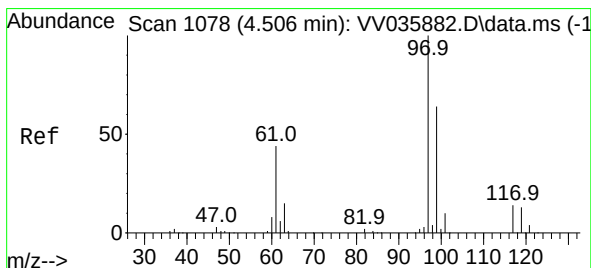
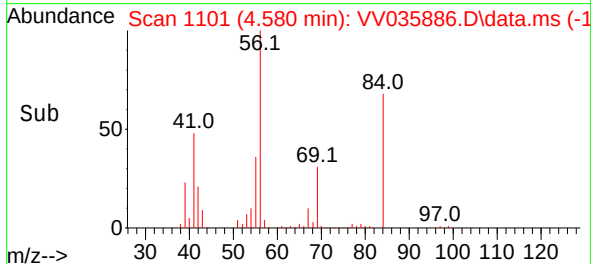
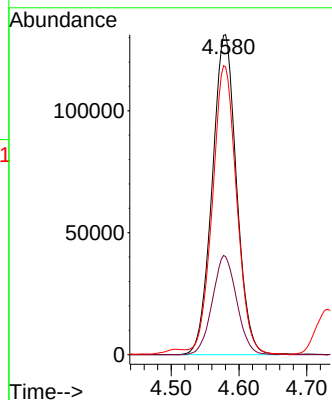
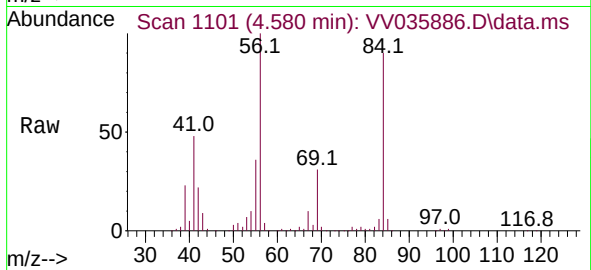
Tgt Ion: 56 Resp: 326919

Ion Ratio Lower Upper

56 100

69 31.0 25.2 37.8

84 89.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 22.521 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

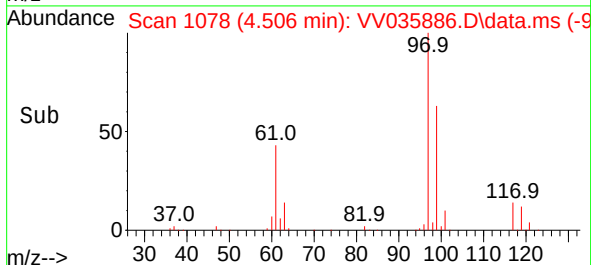
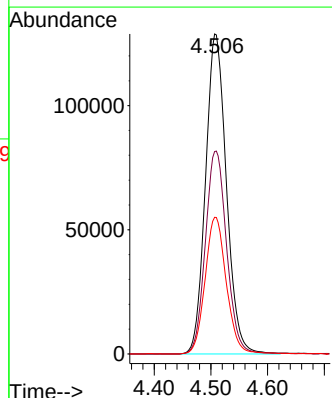
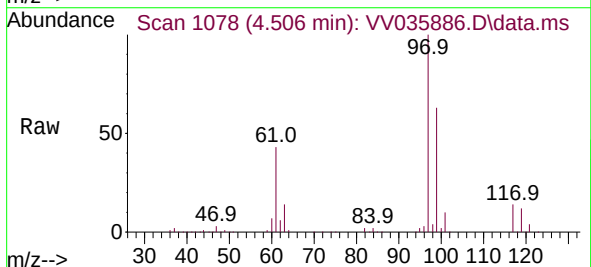
Tgt Ion: 97 Resp: 330201

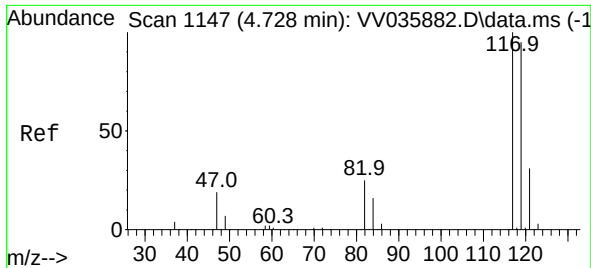
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 43.4 35.0 52.6

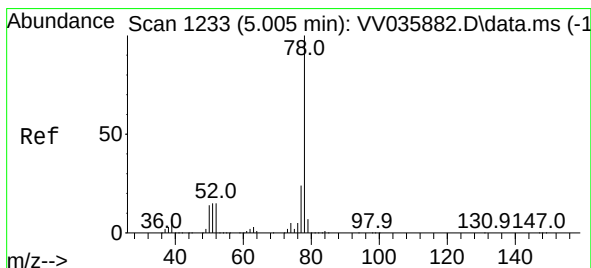
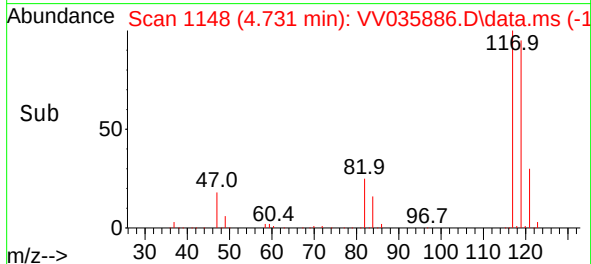
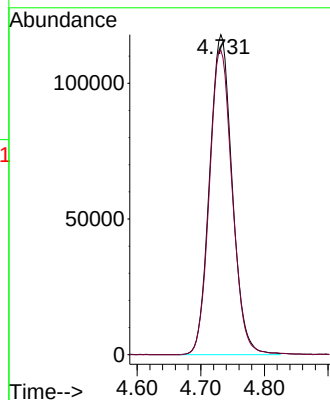
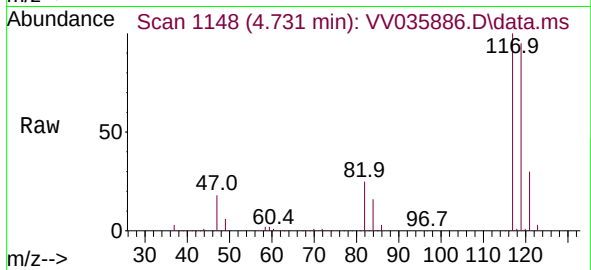




#31
Carbon tetrachloride
Concen: 22.648 ug/L
RT: 4.731 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

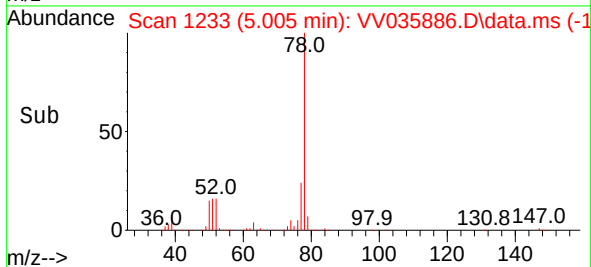
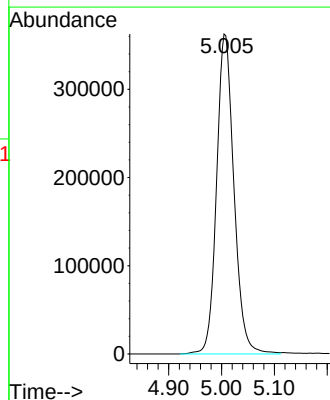
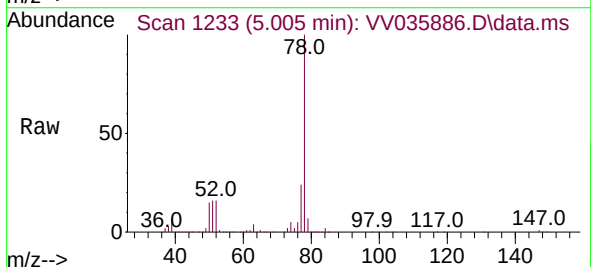
Instrument :
MSVOA_V
ClientSampleId :

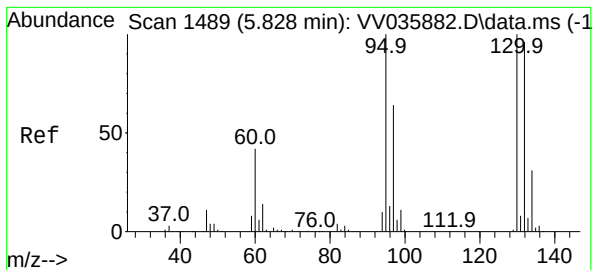
Tgt Ion:117 Resp: 291318
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 23.631 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 78 Resp: 828878





#34

Trichloroethene

Concen: 23.701 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 254795

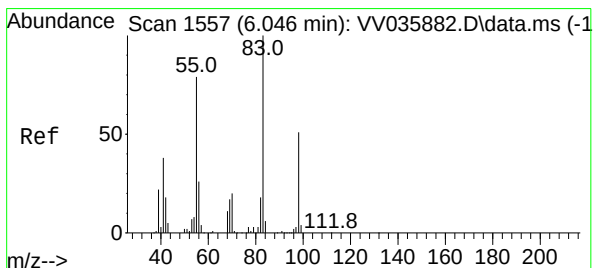
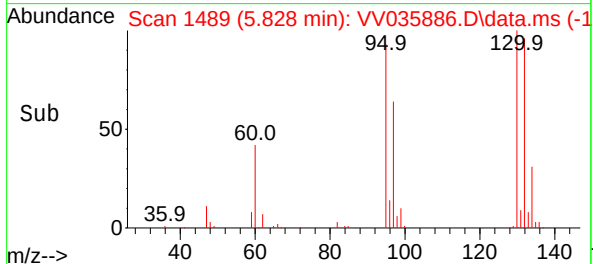
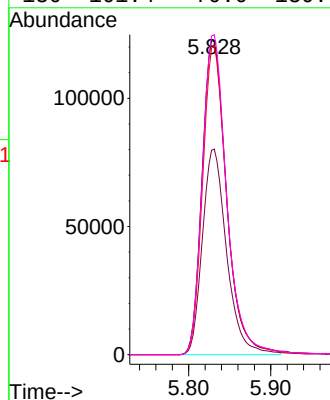
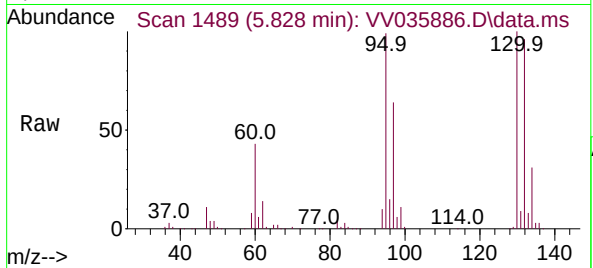
Ion Ratio Lower Upper

95 100

97 65.1 44.8 83.2

132 97.6 66.8 124.2

130 101.4 70.0 130.0



#35

Methylcyclohexane

Concen: 25.114 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

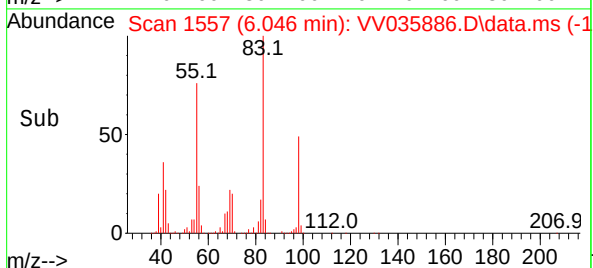
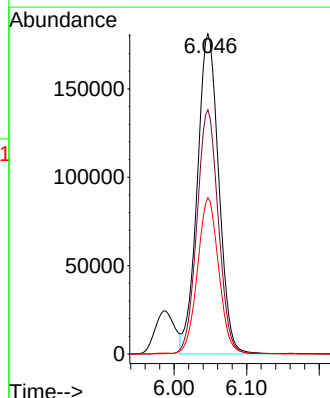
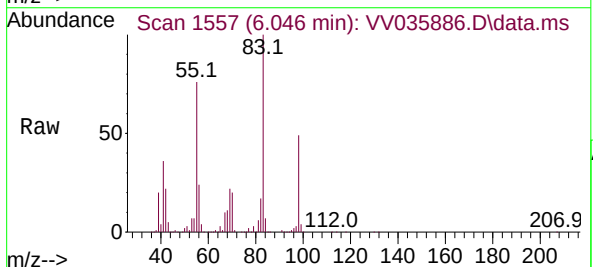
Tgt Ion: 83 Resp: 373366

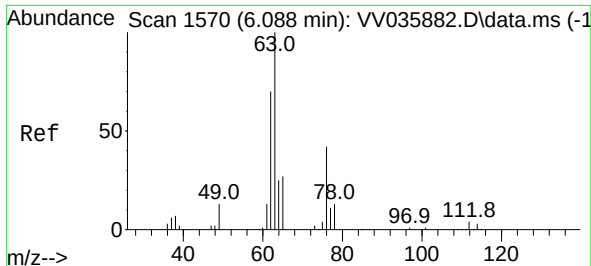
Ion Ratio Lower Upper

83 100

55 75.6 60.7 91.1

98 48.3 38.7 58.1

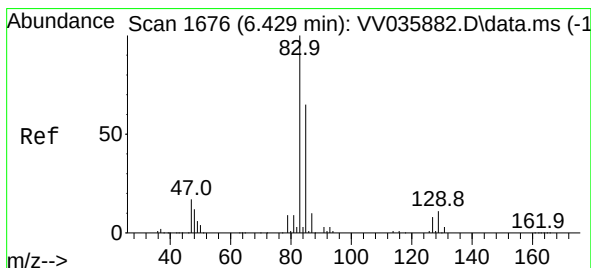
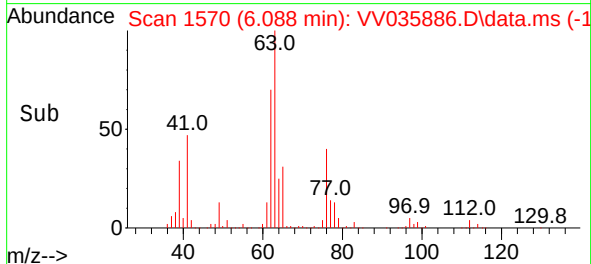
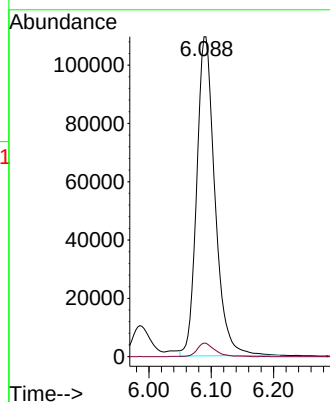
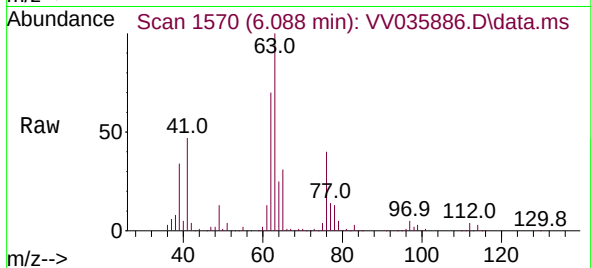




#37
1,2-Dichloropropane
Concen: 24.122 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

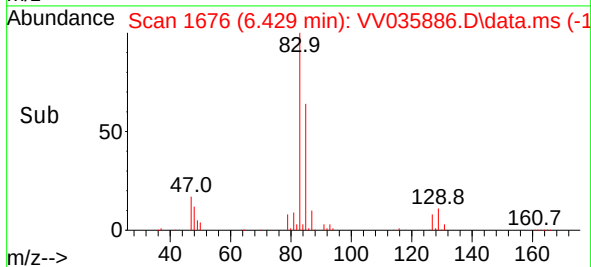
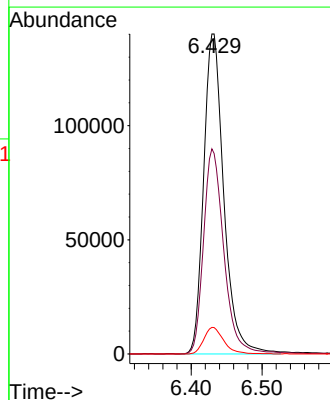
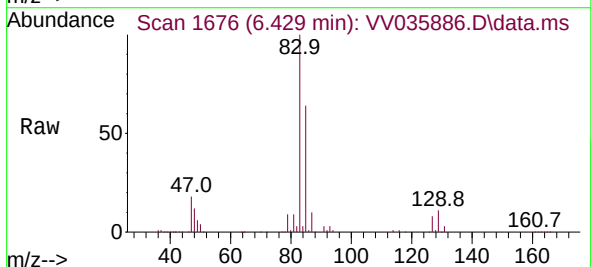
Instrument :
MSVOA_V
ClientSampleId :

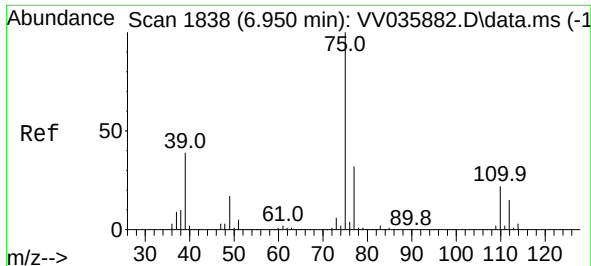
Tgt Ion: 63 Resp: 222168
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 22.738 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 83 Resp: 277189
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1
127 8.3 6.7 10.1

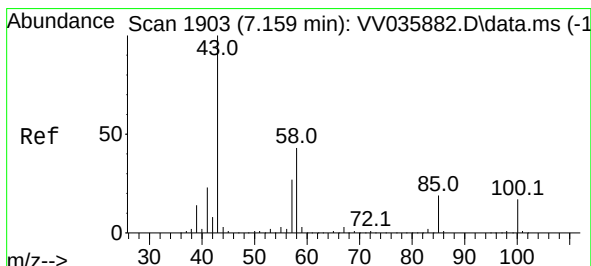
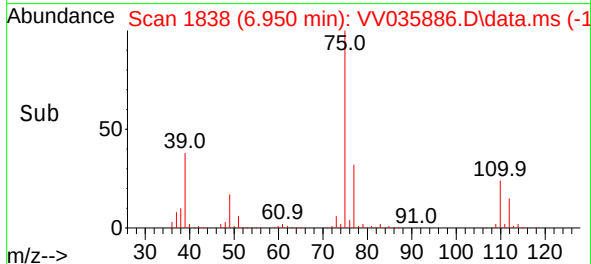
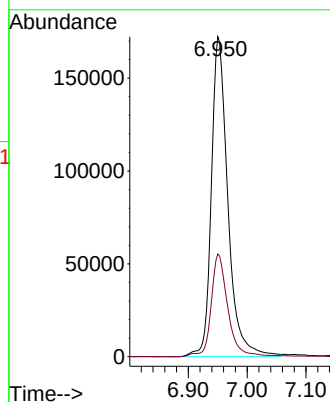
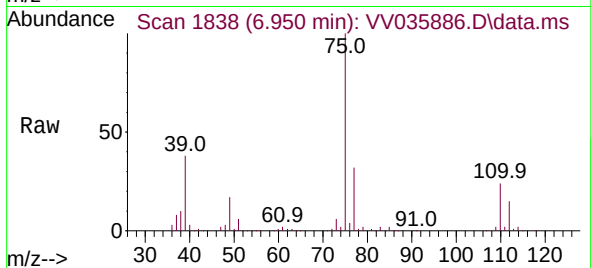




#39
 cis-1,3-Dichloropropene
 Concen: 24.408 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035886.D
 Acq: 30 May 2024 11:29

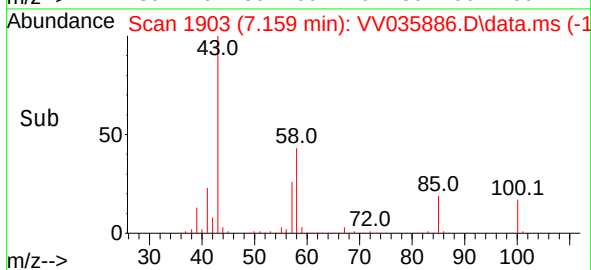
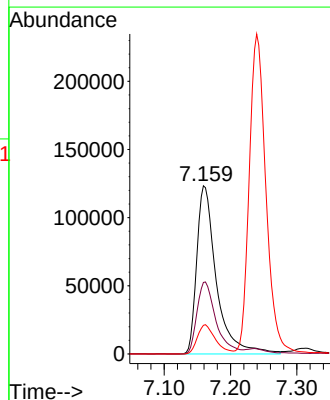
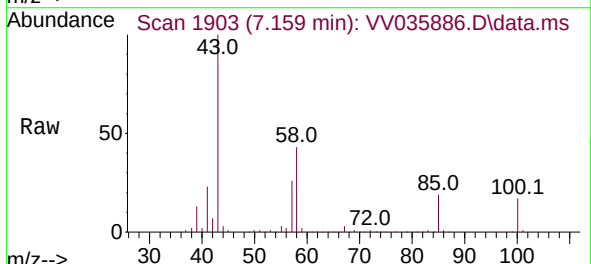
Instrument :
 MSVOA_V
 ClientSampleId :

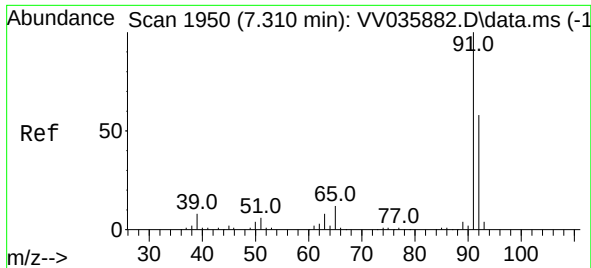
Tgt Ion: 75 Resp: 336236
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 50.743 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035886.D
 Acq: 30 May 2024 11:29

Tgt Ion: 43 Resp: 253919
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.5 48.7
 100 16.0 12.5 18.7





#42

Toluene

Concen: 24.897 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

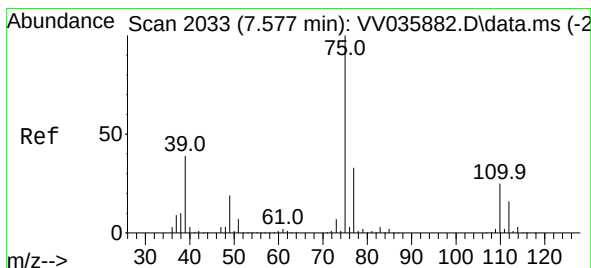
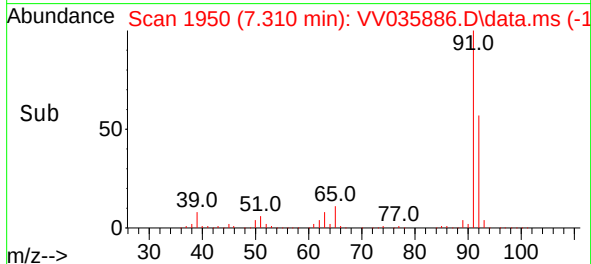
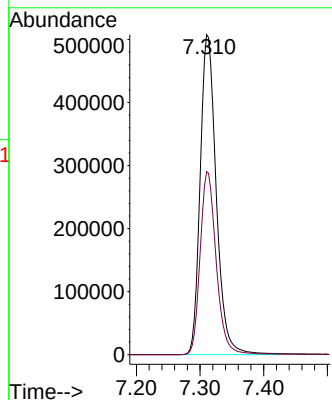
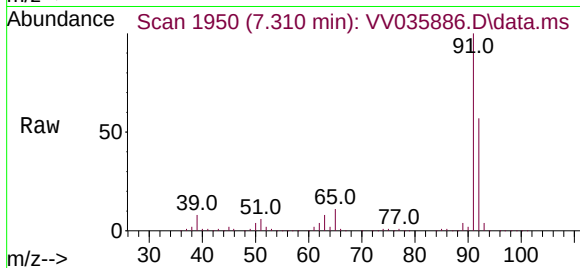
ClientSampleId :

Tgt Ion: 91 Resp: 892364

Ion Ratio Lower Upper

91 100

92 57.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 24.785 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035886.D

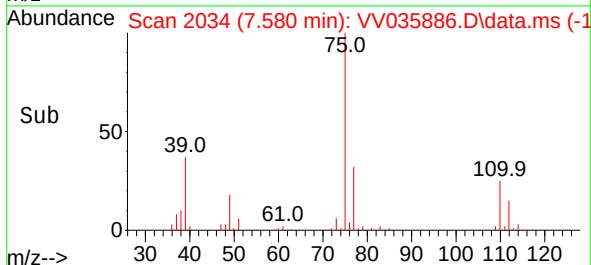
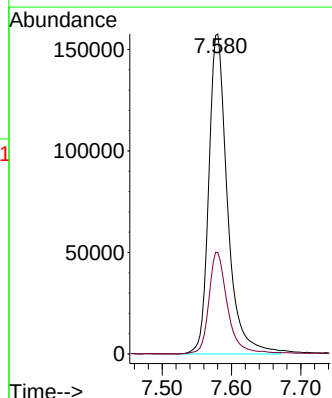
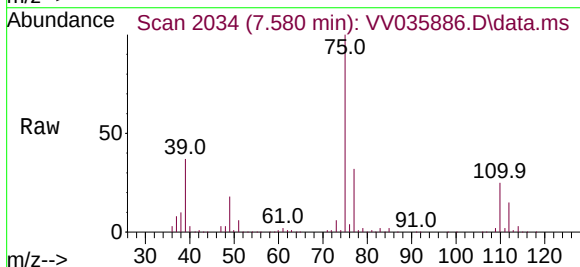
Acq: 30 May 2024 11:29

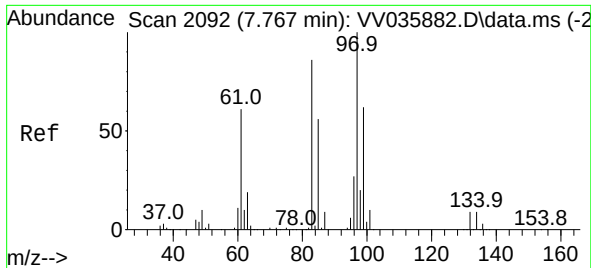
Tgt Ion: 75 Resp: 294915

Ion Ratio Lower Upper

75 100

77 31.8 23.1 42.9

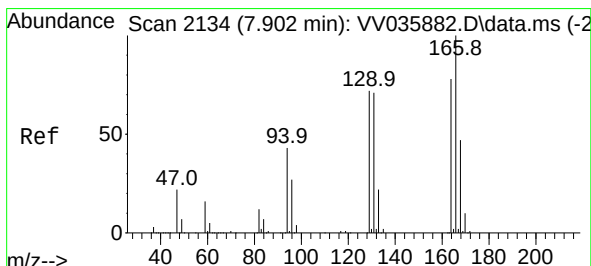
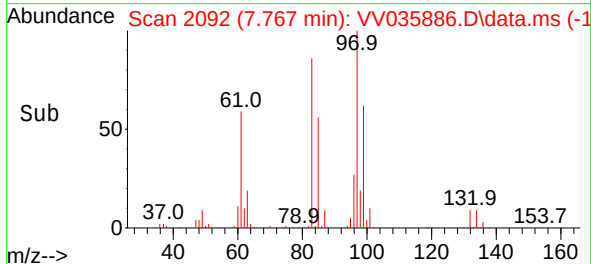
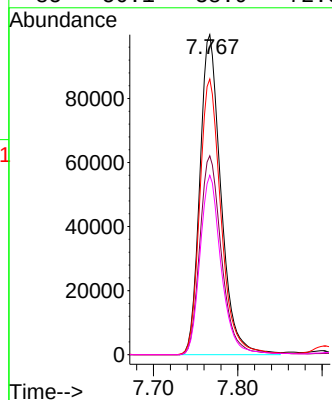
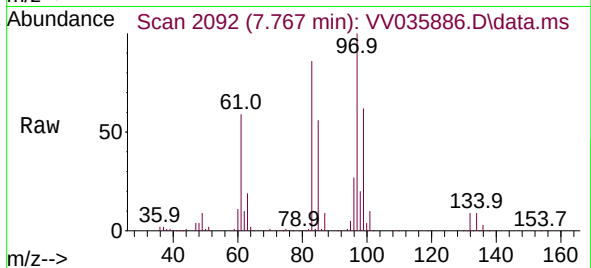




#45
1,1,2-Trichloroethane
Concen: 22.896 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

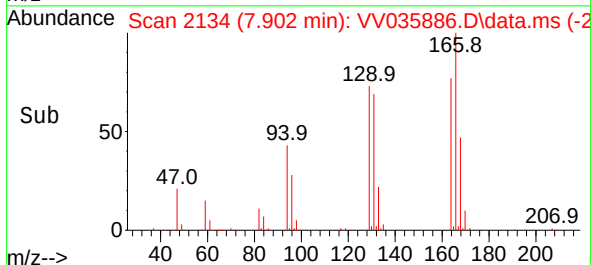
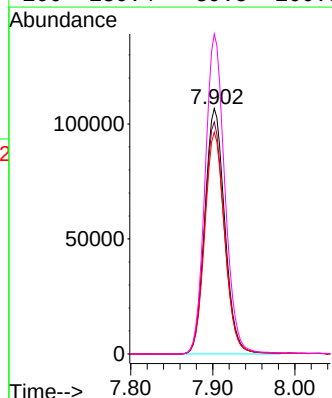
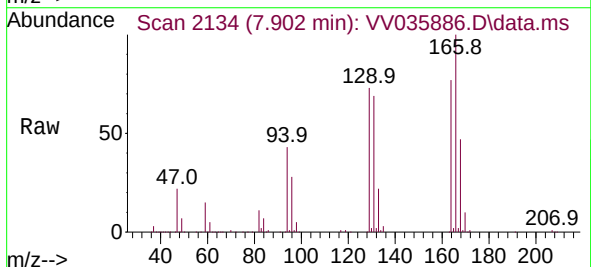
Instrument :
MSVOA_V
ClientSampleId :

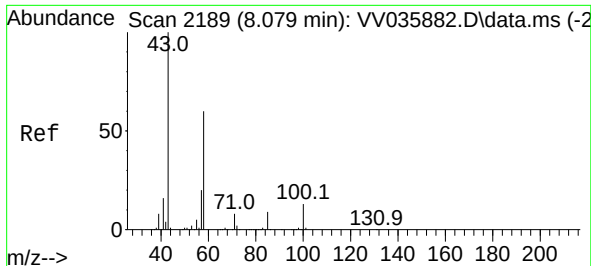
Tgt Ion:	97	Resp:	174486
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.5
83	86.1	60.1	111.7
85	56.1	38.9	72.3



#46
Tetrachloroethene
Concen: 22.957 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion:	164	Resp:	180496
Ion	Ratio	Lower	Upper
164	100		
129	94.5	64.6	120.0
131	90.4	63.2	117.4
166	130.4	89.5	166.3

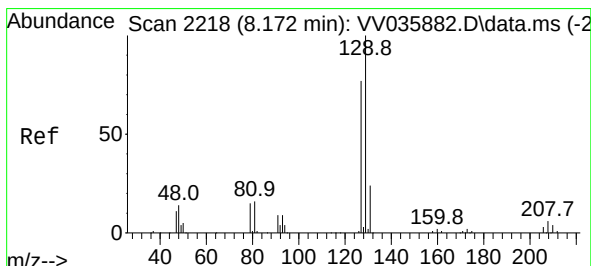
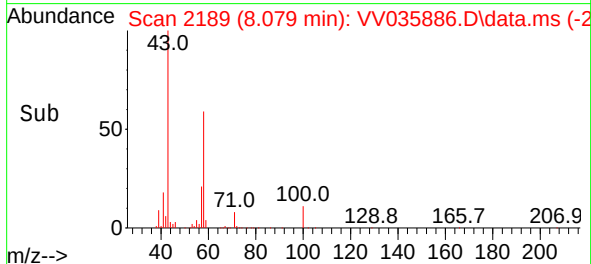
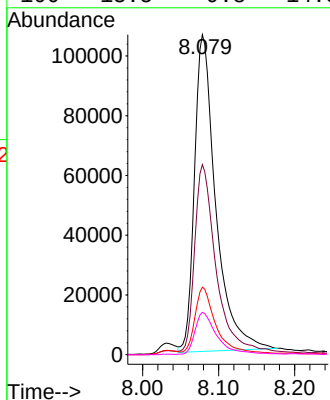
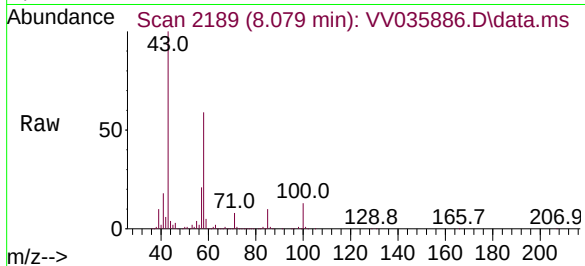




#48
2-Hexanone
Concen: 52.889 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

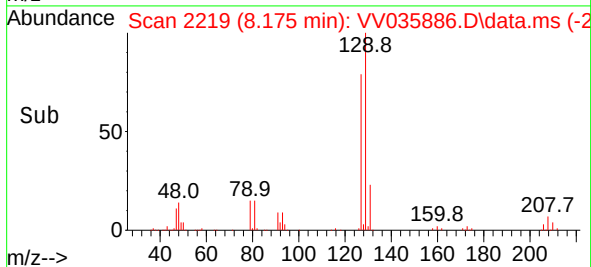
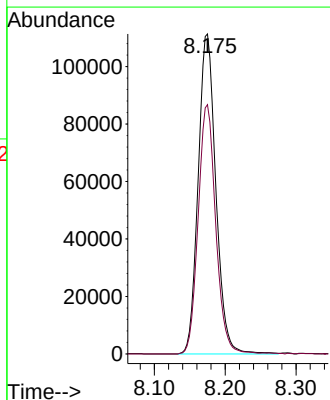
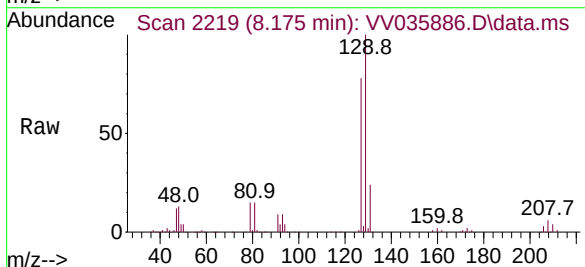
Instrument :
MSVOA_V
ClientSampleId :

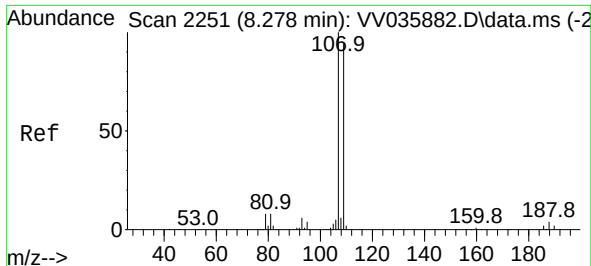
Tgt Ion: 43 Resp: 206903
Ion Ratio Lower Upper
43 100
58 58.3 45.4 68.0
57 20.6 15.8 23.8
100 13.5 9.8 14.8



#49
Dibromochloromethane
Concen: 23.214 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

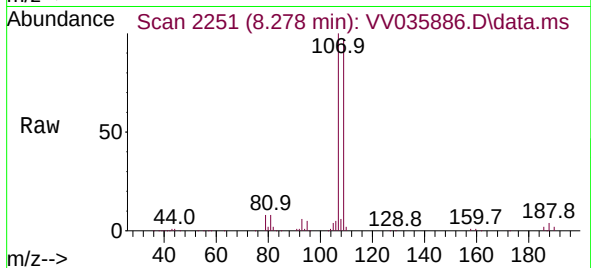
Tgt Ion: 129 Resp: 193618
Ion Ratio Lower Upper
129 100
127 77.9 53.9 100.1



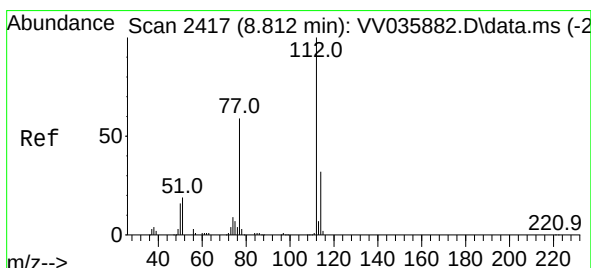
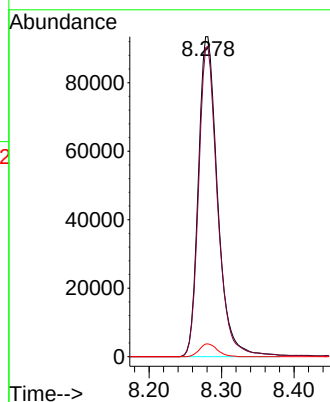
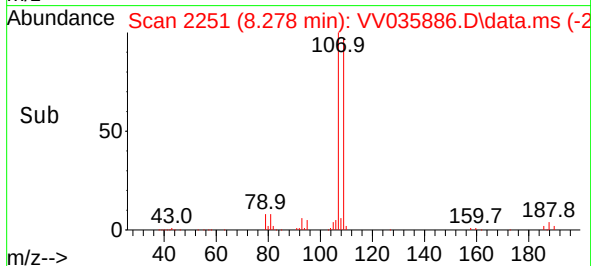


#50
1,2-Dibromoethane
Concen: 23.647 ug/L
RT: 8.278 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Instrument :
MSVOA_V
ClientSampleId :

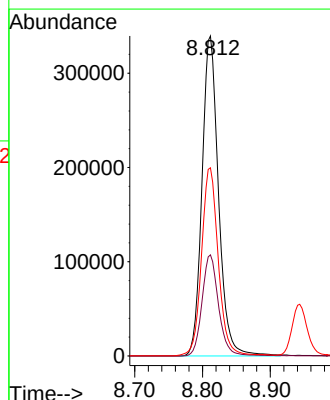
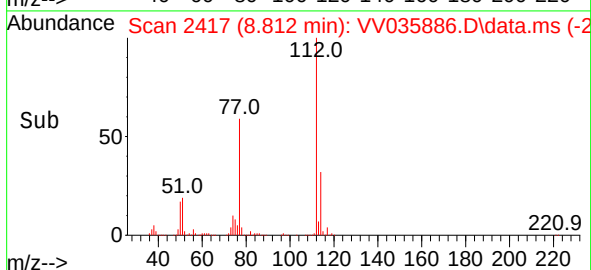
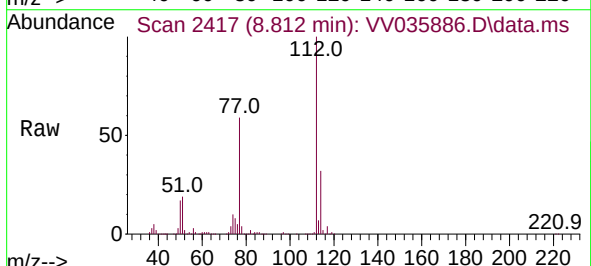


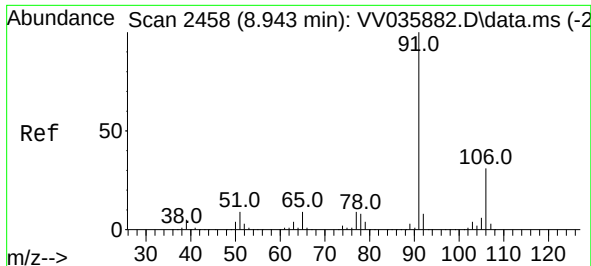
Tgt Ion:107 Resp: 172913
Ion Ratio Lower Upper
107 100
109 96.6 66.1 122.7
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 23.561 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion:112 Resp: 575376
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 58.8 47.3 70.9

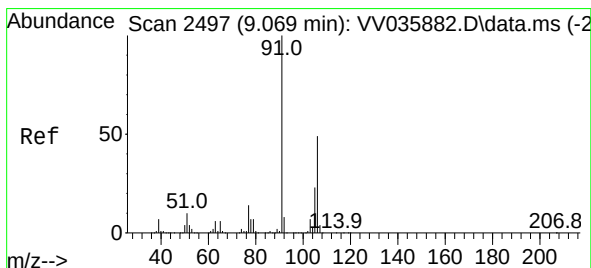
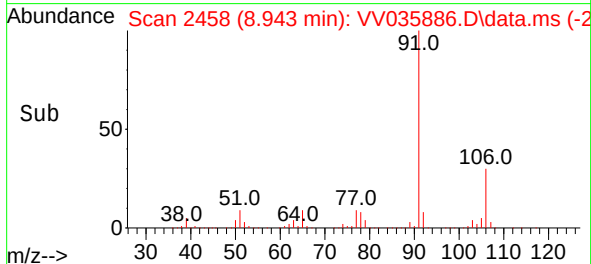
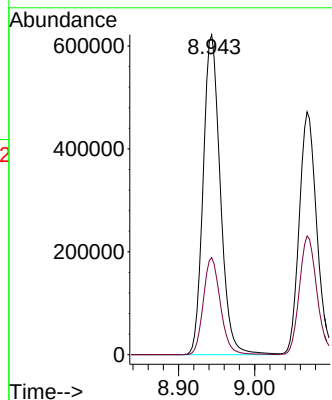
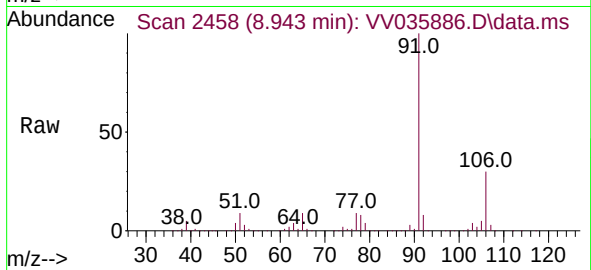




#52
Ethylbenzene
Concen: 25.403 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

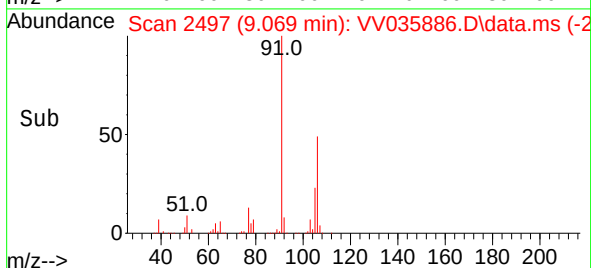
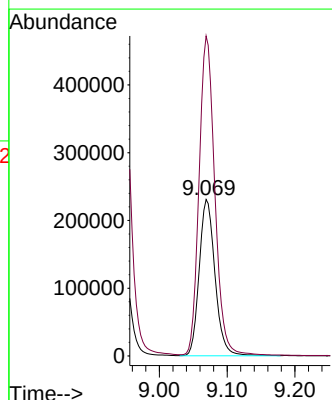
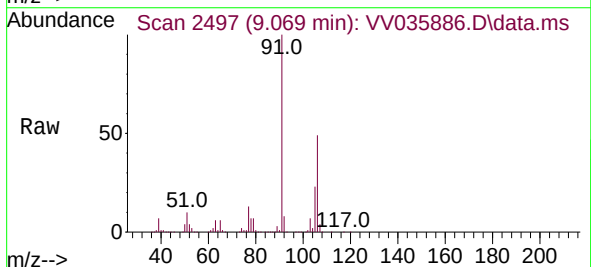
Instrument :
MSVOA_V
ClientSampleId :

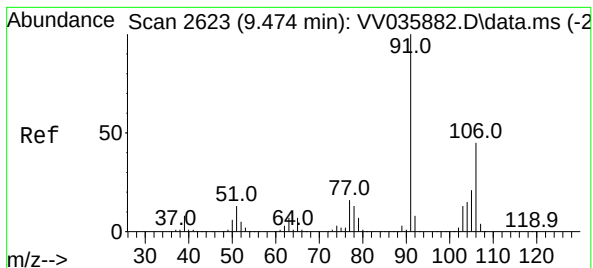
Tgt Ion: 91 Resp: 974145
Ion Ratio Lower Upper
91 100
106 30.3 21.6 40.0



#53
m,p-Xylene
Concen: 25.938 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 106 Resp: 373735
Ion Ratio Lower Upper
106 100
91 204.5 143.1 265.9





#54

o-Xylene

Concen: 25.440 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

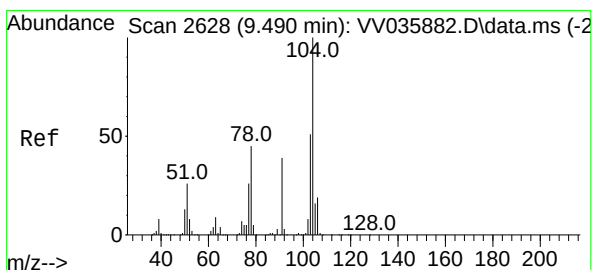
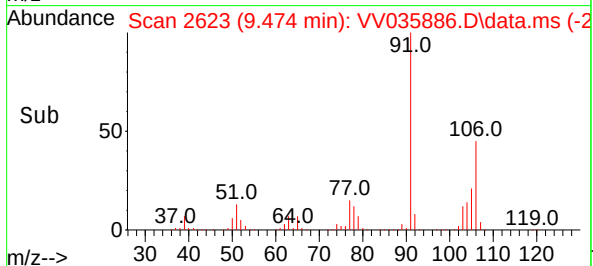
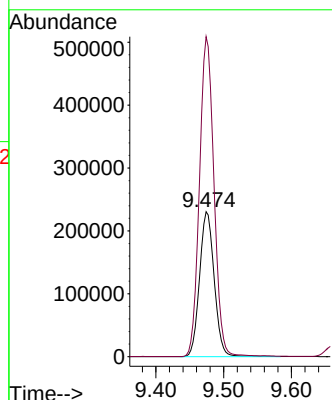
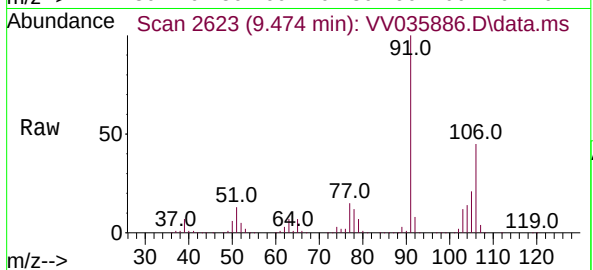
ClientSampleId :

Tgt Ion:106 Resp: 345682

Ion Ratio Lower Upper

106 100

91 220.7 154.5 286.9



#55

Styrene

Concen: 25.998 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV035886.D

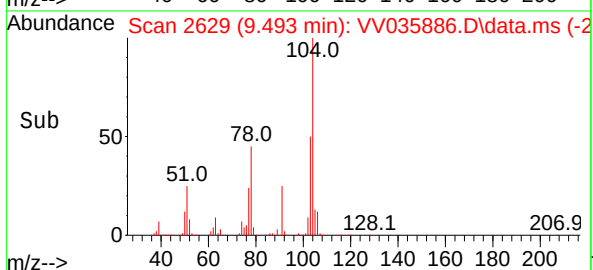
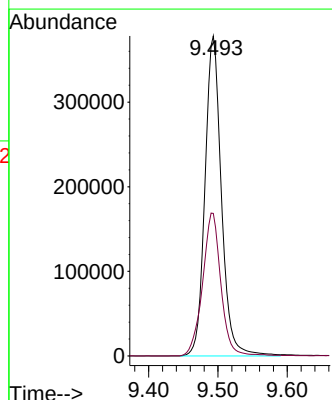
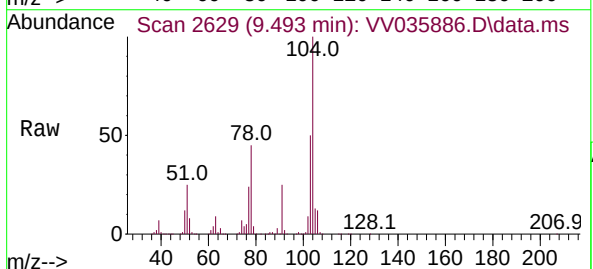
Acq: 30 May 2024 11:29

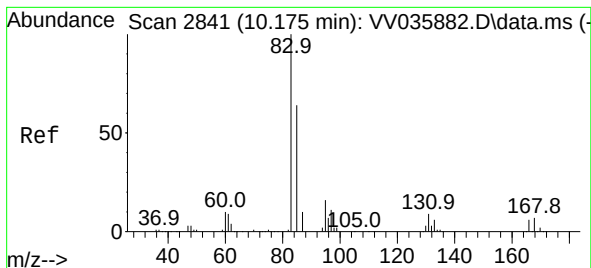
Tgt Ion:104 Resp: 622954

Ion Ratio Lower Upper

104 100

78 44.5 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.387 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

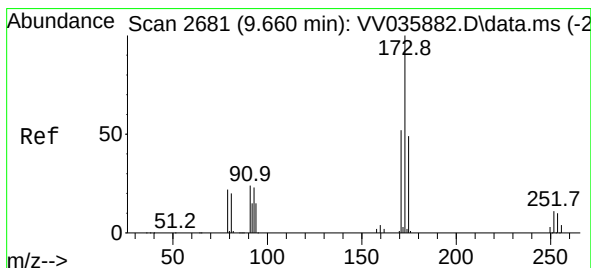
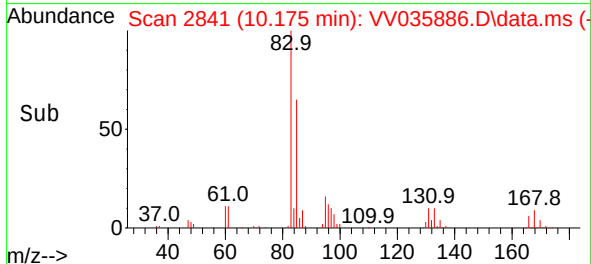
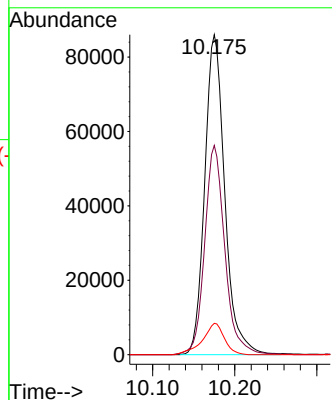
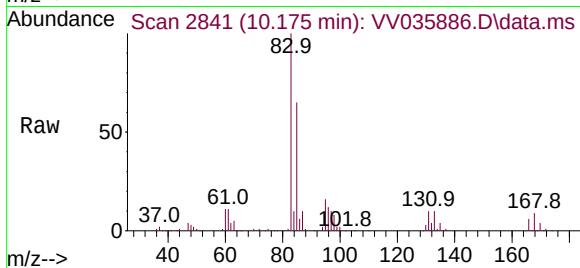
Tgt Ion: 83 Resp: 145940

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

131 9.8 7.6 11.4



#59

Bromoform

Concen: 22.764 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

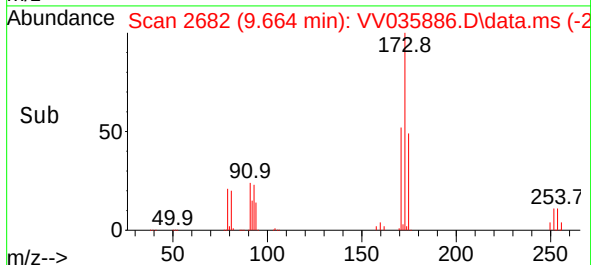
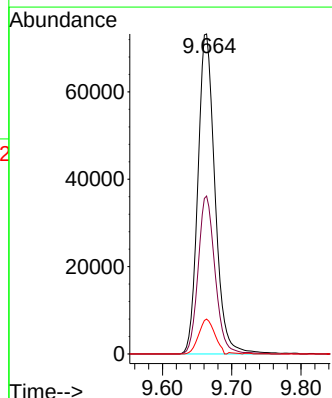
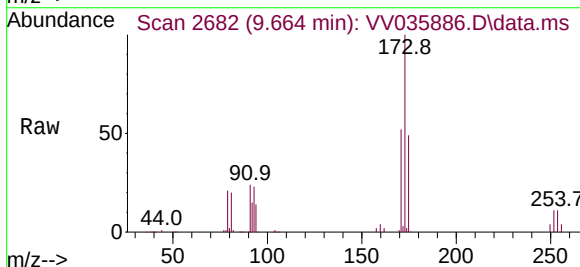
Tgt Ion: 173 Resp: 125879

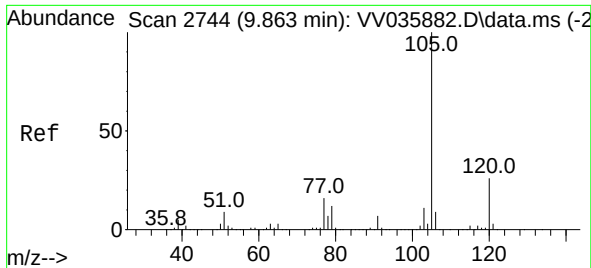
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 10.2 8.6 13.0

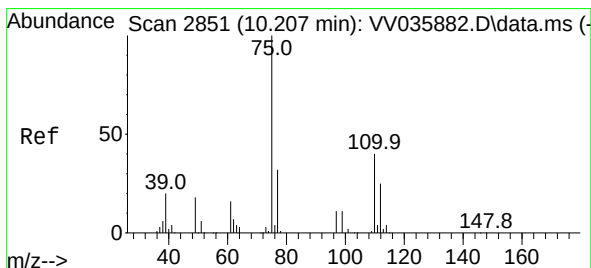
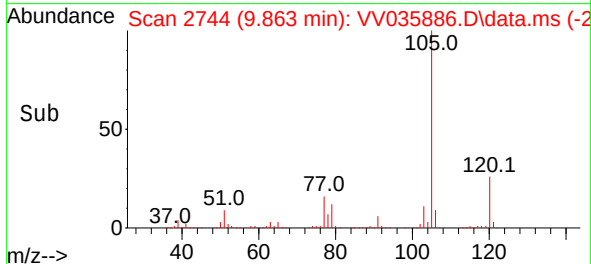
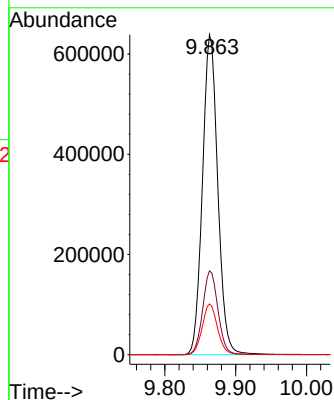
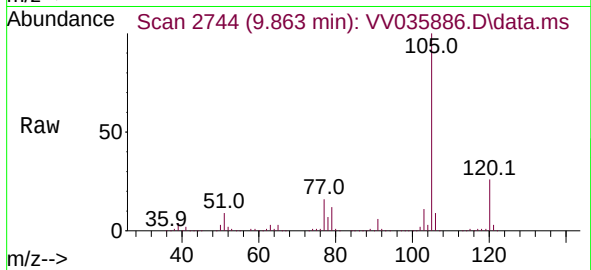




#60
Isopropylbenzene
Concen: 25.515 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

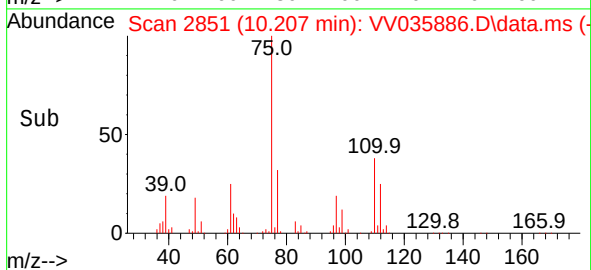
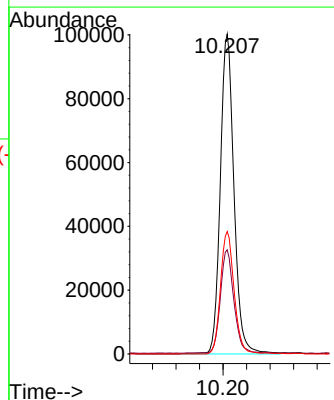
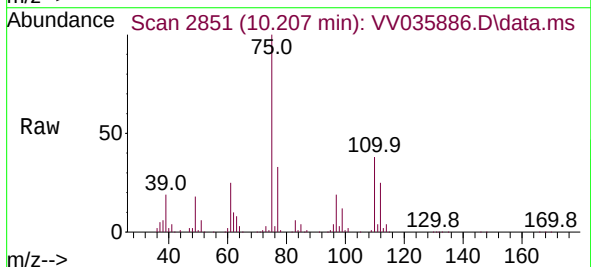
Instrument :
MSVOA_V
ClientSampleId :

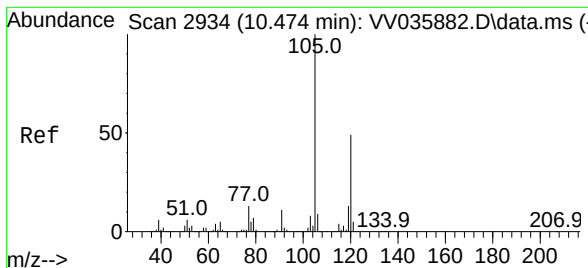
Tgt Ion:105 Resp: 959841
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 23.348 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 75 Resp: 161916
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
110 38.0 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 25.948 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

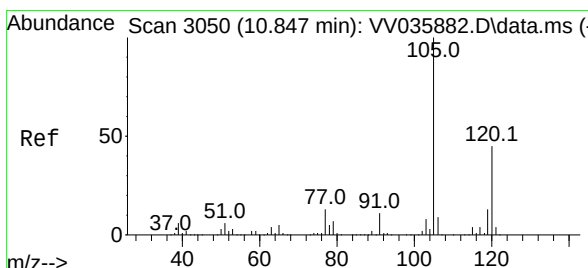
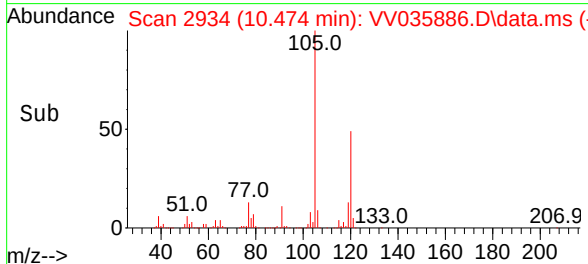
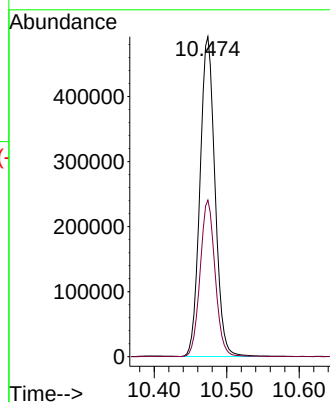
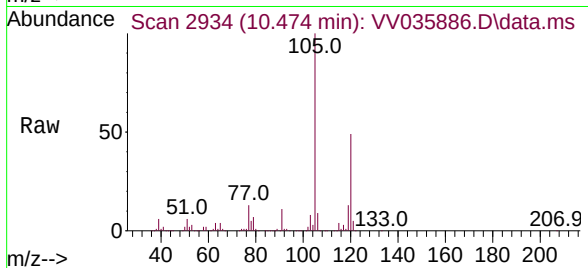
ClientSampleId :

Tgt Ion:105 Resp: 707817

Ion Ratio Lower Upper

105 100

120 48.8 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 26.550 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035886.D

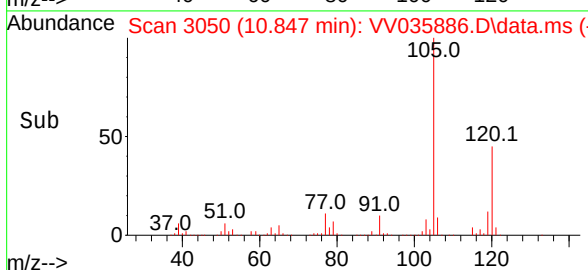
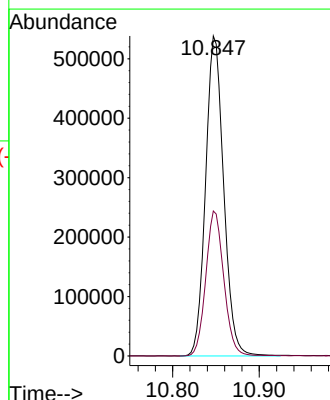
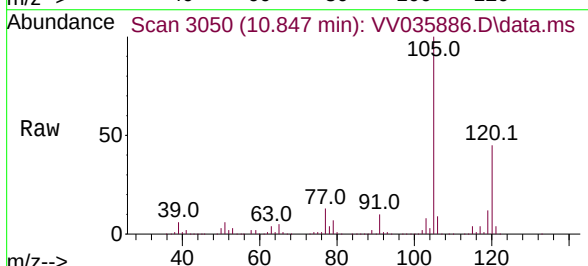
Acq: 30 May 2024 11:29

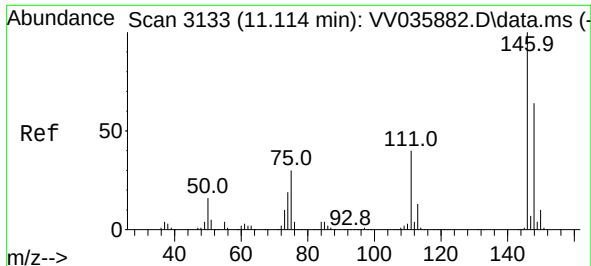
Tgt Ion:105 Resp: 780320

Ion Ratio Lower Upper

105 100

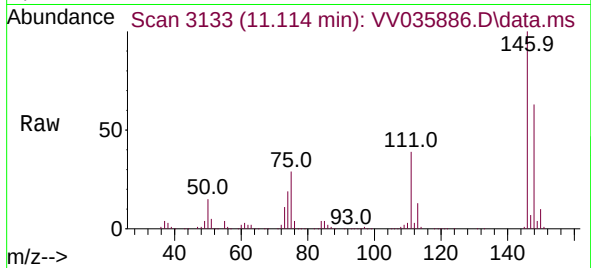
120 45.1 36.2 54.4



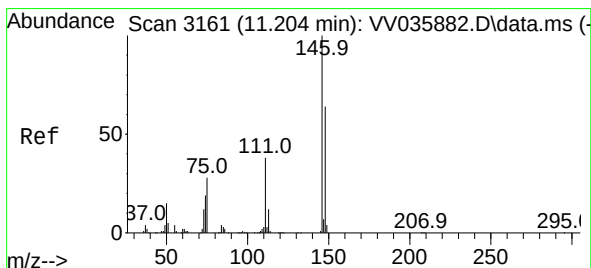
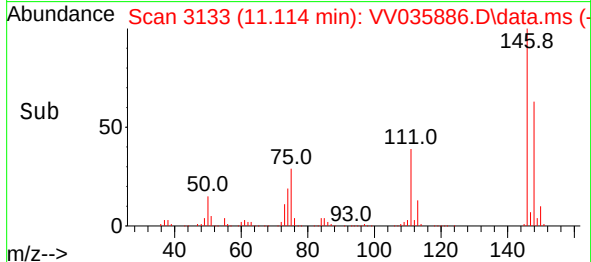
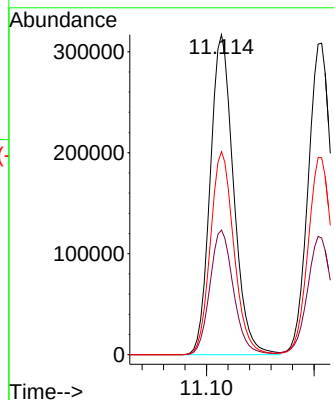


#64
1,3-Dichlorobenzene
Concen: 24.242 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Instrument :
MSVOA_V
ClientSampleId :

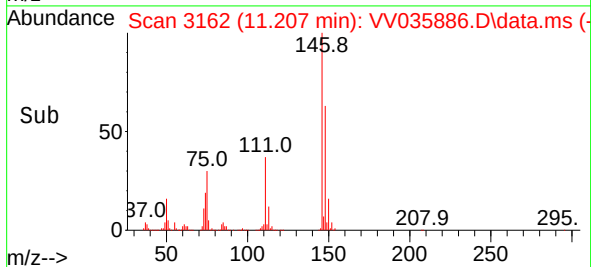
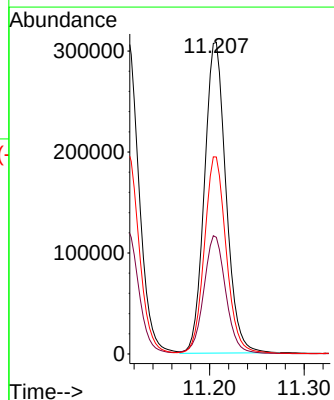
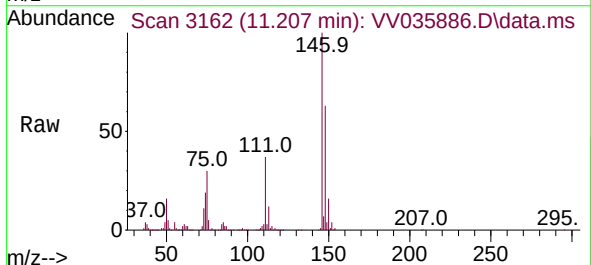


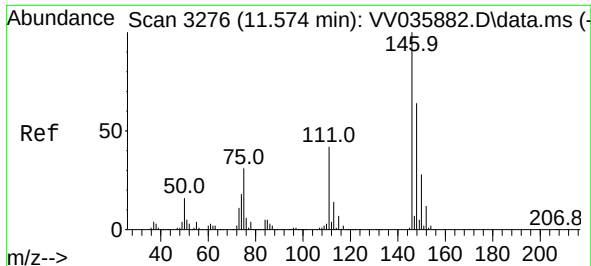
Tgt Ion:146 Resp: 478923
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.1
148 63.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 23.961 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

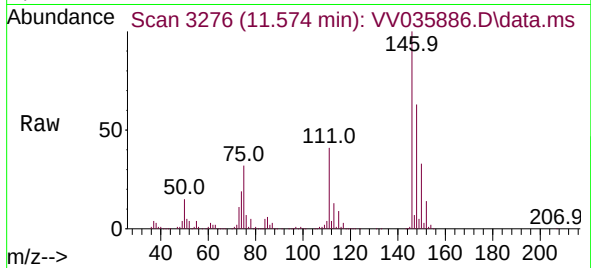
Tgt Ion:146 Resp: 488600
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 63.2 44.5 82.7



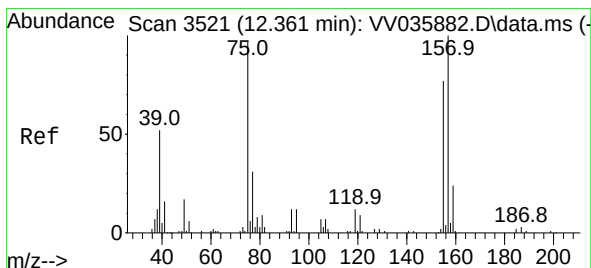
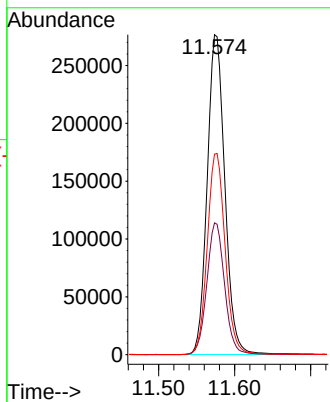
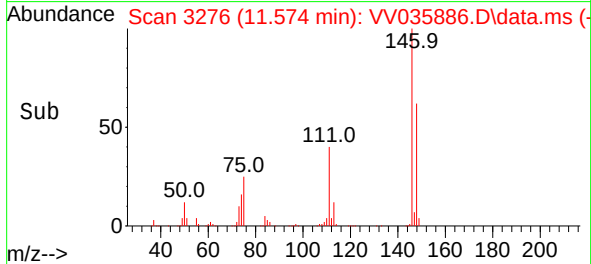


#67
1,2-Dichlorobenzene
Concen: 23.964 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Instrument :
MSVOA_V
ClientSampleId :

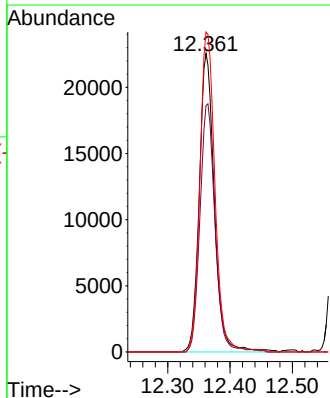
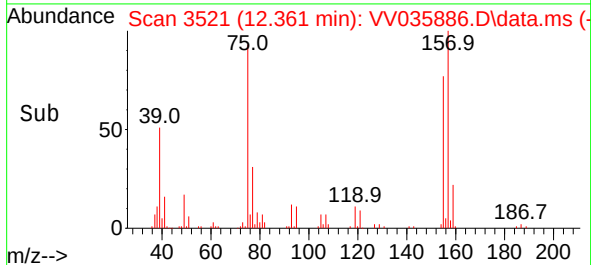
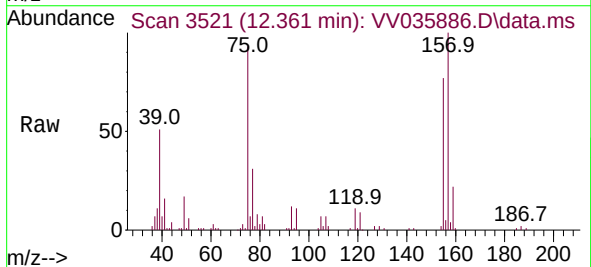


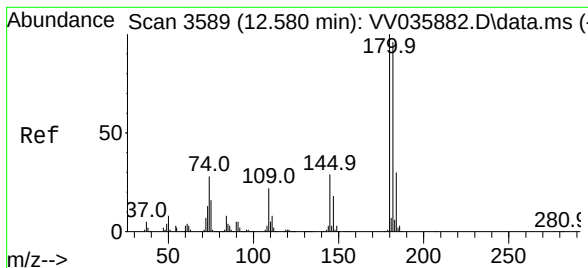
Tgt Ion:146 Resp: 445515
Ion Ratio Lower Upper
146 100
111 41.2 33.5 50.3
148 62.7 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 24.437 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035886.D
Acq: 30 May 2024 11:29

Tgt Ion: 75 Resp: 37896
Ion Ratio Lower Upper
75 100
155 82.6 63.3 94.9
157 107.2 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 24.768 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

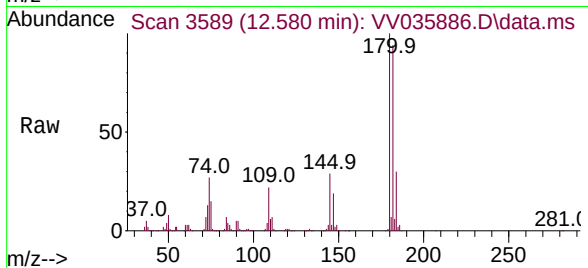
Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 366017

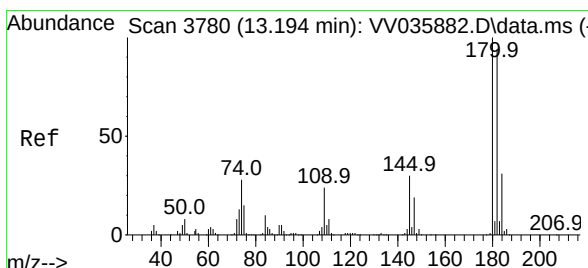
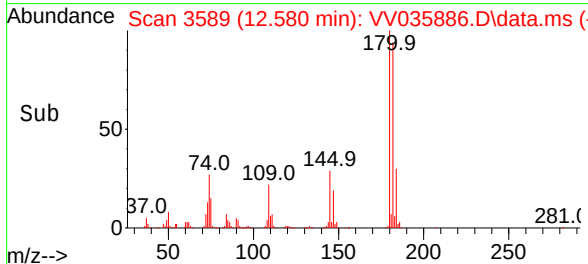
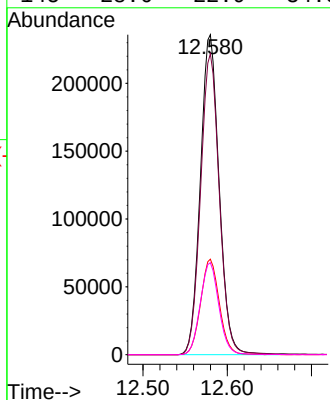
Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.4

184 29.8 24.2 36.2

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 26.689 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

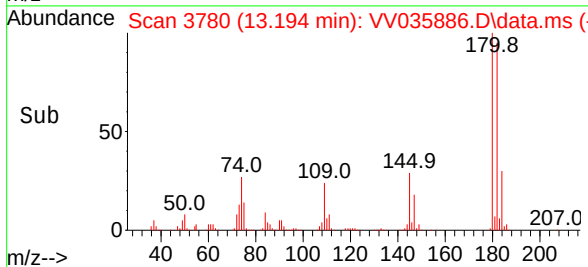
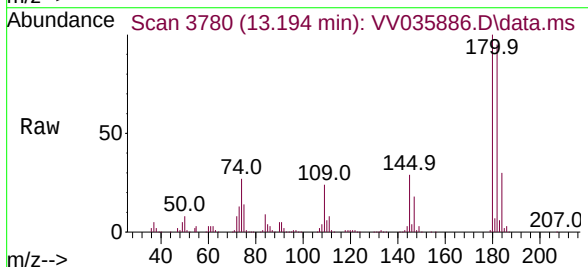
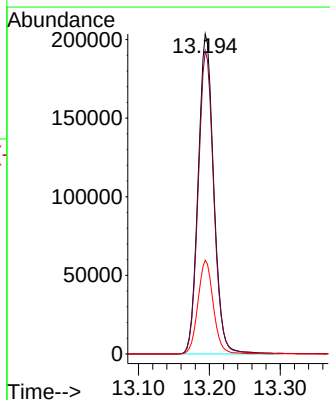
Tgt Ion:180 Resp: 310538

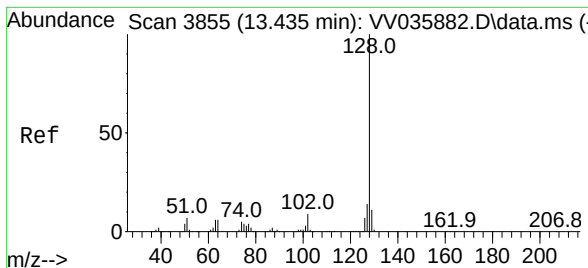
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 28.9 23.5 35.3





#71

Naphthalene

Concen: 30.035 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

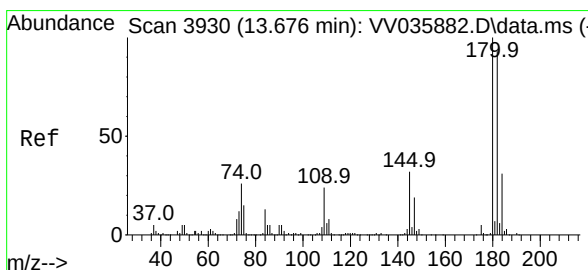
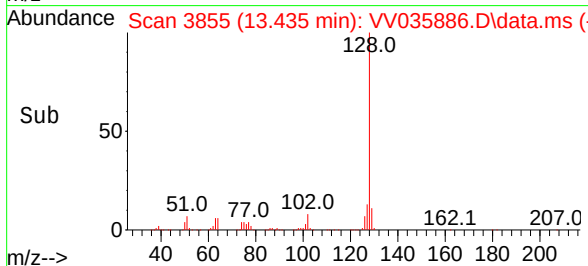
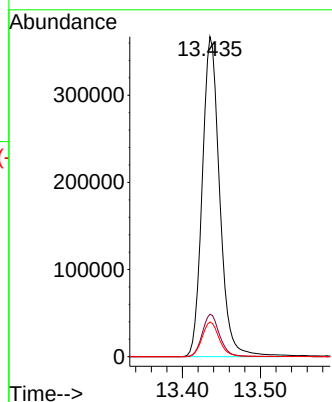
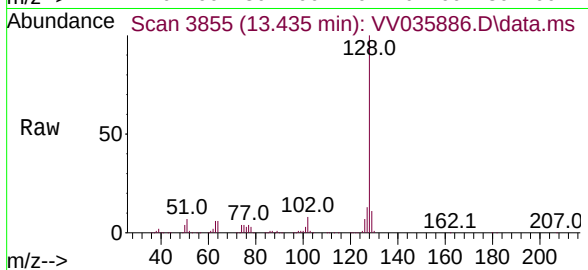
Tgt Ion:128 Resp: 570332

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 27.378 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035886.D

Acq: 30 May 2024 11:29

Tgt Ion:180 Resp: 290703

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 31.4 25.2 37.8

