

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035659.D
 Acq On : 21 May 2024 23:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:41:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	295190	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	184782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100270	21.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
7) Chloroethane-d5	1.529	69	87985	23.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.053	65	46452	22.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.000%
21) 2-Butanone-d5	3.844	46	38161	29.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.940%
24) Chloroform-d	4.246	84	233439	26.600	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	4.941	65	115858	26.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	4.957	84	404209	23.228	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	5.989	67	130650	24.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	7.239	98	363102	23.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	7.555	79	50397	21.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.760%
47) 2-Hexanone-d5	8.030	63	55596	57.572	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	139199	26.899	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	146128	22.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	167950	27.985	ug/L	99
3) Chloromethane	1.211	50	158333	26.277	ug/L	100
5) Vinyl chloride	1.278	62	175698	28.224	ug/L	100
6) Bromomethane	1.484	94	107124	27.178	ug/L	99
8) Chloroethane	1.545	64	112860	29.411	ug/L	99
9) Trichlorofluoromethane	1.709	101	250880	30.876	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	166065	32.393	ug/L	99
12) 1,1-Dichloroethene	2.063	96	139365	30.097	ug/L	96
13) Acetone	2.153	43	37283	19.670	ug/L	77
14) Carbon disulfide	2.233	76	365829	24.943	ug/L	99
15) Methyl Acetate	2.388	43	82466	28.717	ug/L #	89
16) Methylene chloride	2.442	84	192321	28.253	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	150904	29.355	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	386965	31.206	ug/L	99
19) 1,1-Dichloroethane	3.108	63	306968	31.852	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	158317	28.409	ug/L	97
22) 2-Butanone	3.915	43	29316	16.655	ug/L #	13
23) Bromochloromethane	4.146	128	82005	30.425	ug/L	98
25) Chloroform	4.272	83	320045	32.160	ug/L	97

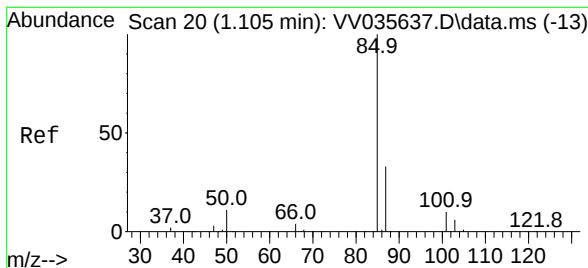
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
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 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	202345	32.652	ug/L	98
29) Cyclohexane	4.577	56	199855	26.289	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	274467	31.138	ug/L	99
31) Carbon tetrachloride	4.732	117	238904	30.890	ug/L	100
33) Benzene	5.005	78	632299	30.052	ug/L	100
34) Trichloroethene	5.831	95	186733	31.376	ug/L	99
35) Methylcyclohexane	6.047	83	242142	26.799	ug/L	97
37) 1,2-Dichloropropane	6.092	63	178874	32.586	ug/L	100
38) Bromodichloromethane	6.429	83	229953	30.923	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	227651	26.515	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	217148	66.052	ug/L	98
42) Toluene	7.313	91	679639	30.523	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	210842	28.072	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	148830	31.909	ug/L	99
46) Tetrachloroethene	7.902	164	138034	28.548	ug/L	99
48) 2-Hexanone	8.079	43	150806	61.180	ug/L	98
49) Dibromochloromethane	8.175	129	165647	31.474	ug/L	98
50) 1,2-Dibromoethane	8.281	107	144082	31.357	ug/L	99
51) Chlorobenzene	8.812	112	445210	28.816	ug/L	99
52) Ethylbenzene	8.944	91	721964	29.367	ug/L	100
53) m,p-Xylene	9.072	106	278490	29.858	ug/L	100
54) o-Xylene	9.477	106	261359	29.566	ug/L	98
55) Styrene	9.493	104	495314	32.125	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	161820	28.481	ug/L	99
59) Bromoform	9.664	173	111753	30.774	ug/L	99
60) Isopropylbenzene	9.866	105	739917	30.060	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	146357	33.801	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	572114	29.629	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	579393	29.199	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	365926	28.328	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	374980	28.041	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	344348	28.319	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	32770	32.632	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	258661	25.624	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	202657	24.043	ug/L	98
71) Naphthalene	13.435	128	394216	26.641	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	208982	27.560	ug/L	99

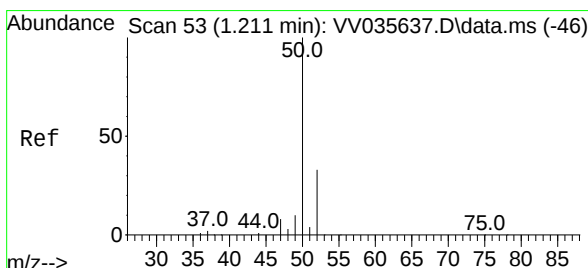
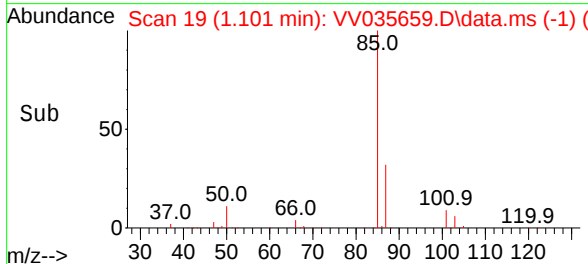
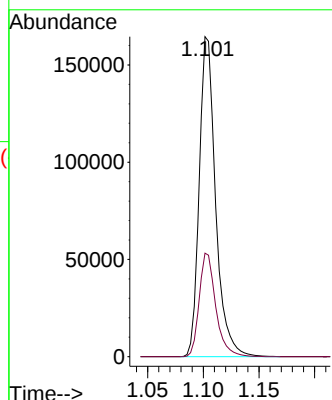
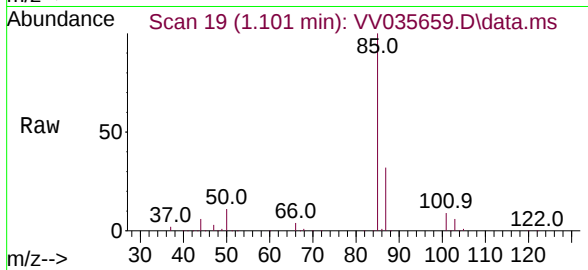
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 27.985 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV035659.D
 Acq: 21 May 2024 23:18

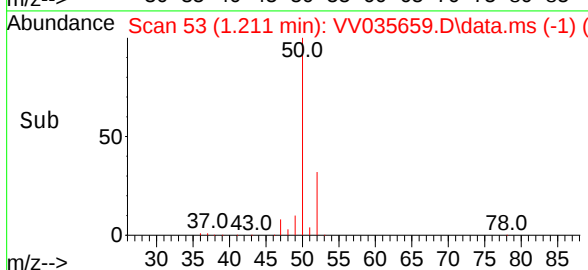
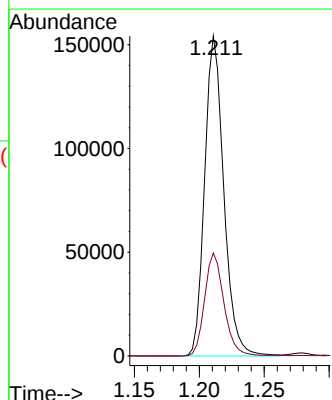
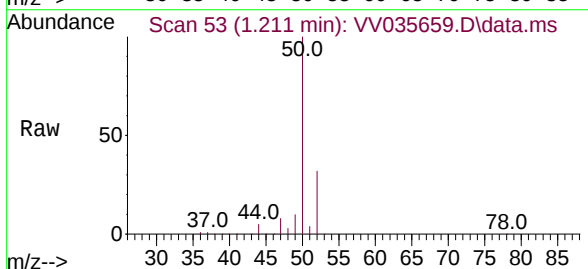
Instrument :
 MSVOA_V
 ClientSampleId :

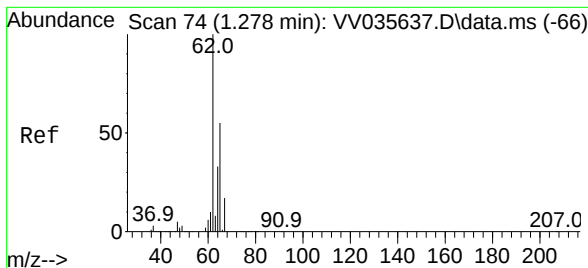
Tgt Ion: 85 Resp: 167950
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 26.277 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV035659.D
 Acq: 21 May 2024 23:18

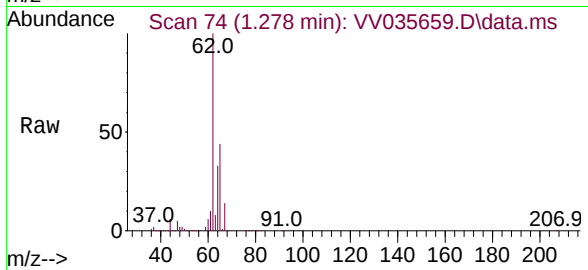
Tgt Ion: 50 Resp: 158333
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1



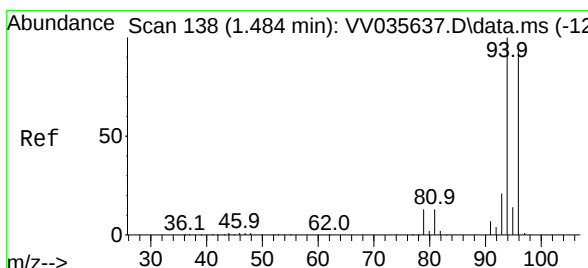
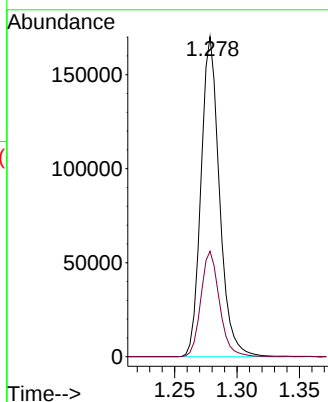
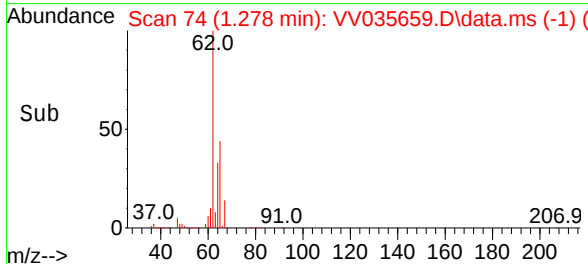


#5
 Vinyl chloride
 Concen: 28.224 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV035659.D
 Acq: 21 May 2024 23:18

Instrument :
 MSVOA_V
 ClientSampleId :

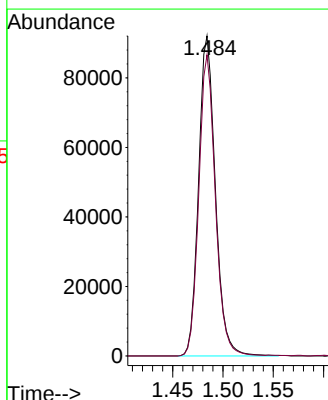
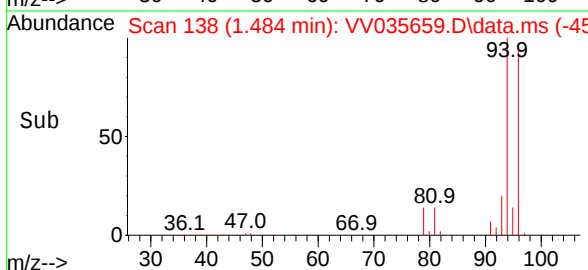
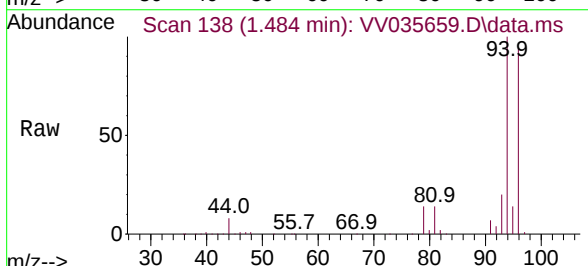


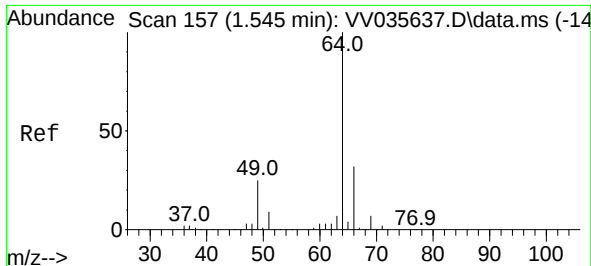
Tgt Ion: 62 Resp: 175698
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 27.178 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV035659.D
 Acq: 21 May 2024 23:18

Tgt Ion: 94 Resp: 107124
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.2 121.0

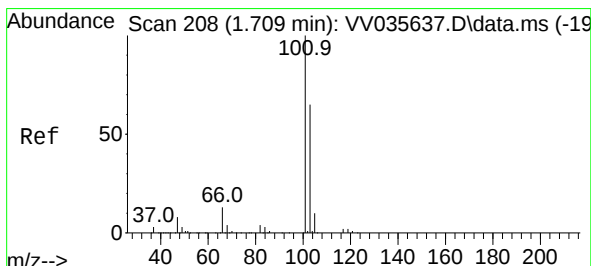
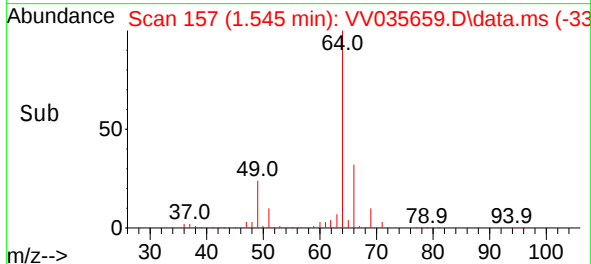
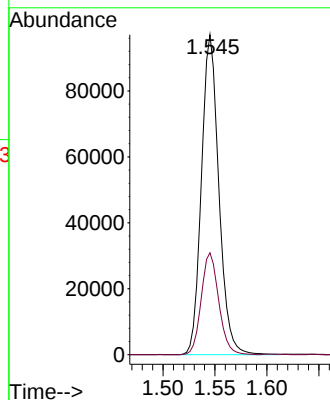
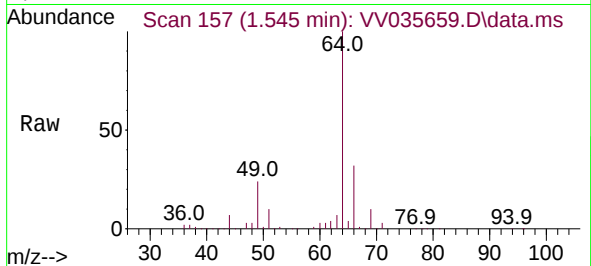




#8
Chloroethane
Concen: 29.411 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

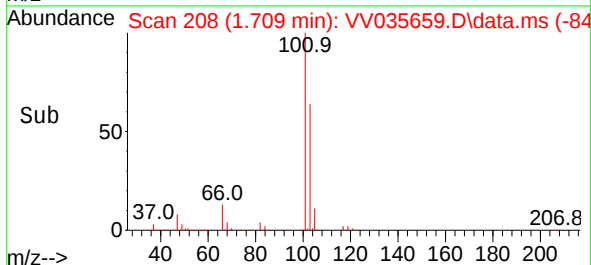
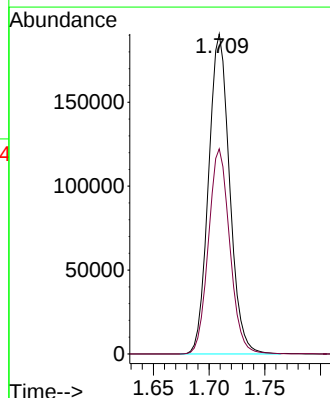
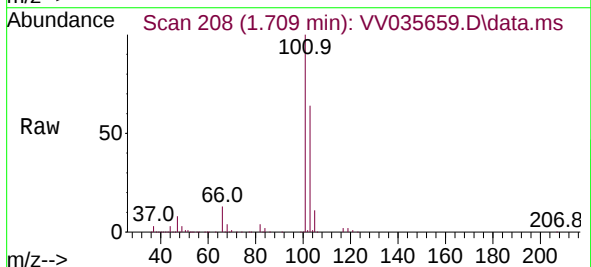
Instrument :
MSVOA_V
ClientSampleId :

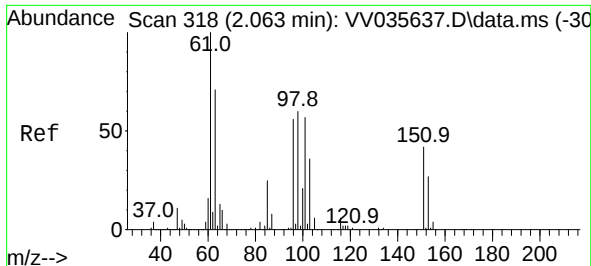
Tgt Ion: 64 Resp: 112860
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 30.876 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

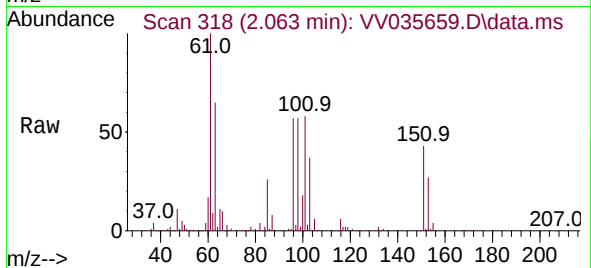
Tgt Ion:101 Resp: 250880
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3



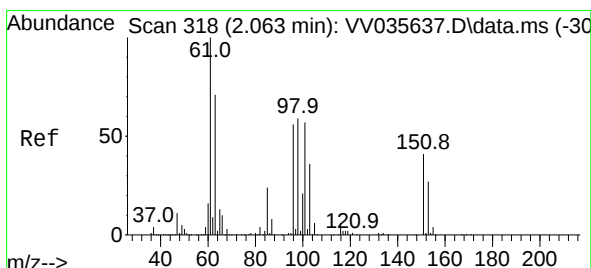
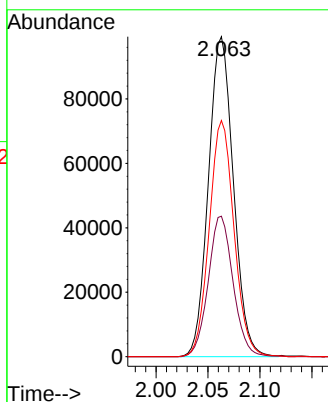
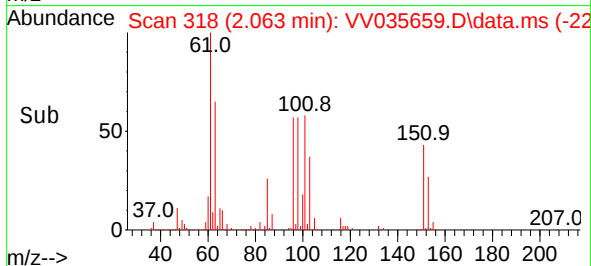


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 32.393 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV035659.D
 Acq: 21 May 2024 23:18

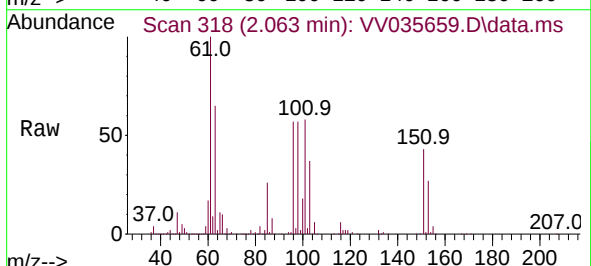
Instrument :
 MSVOA_V
 ClientSampleId :



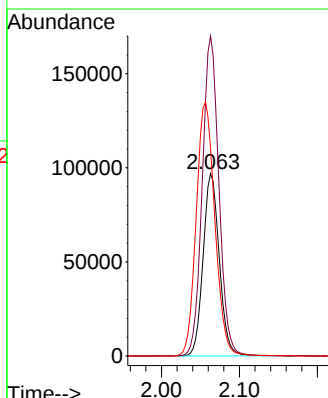
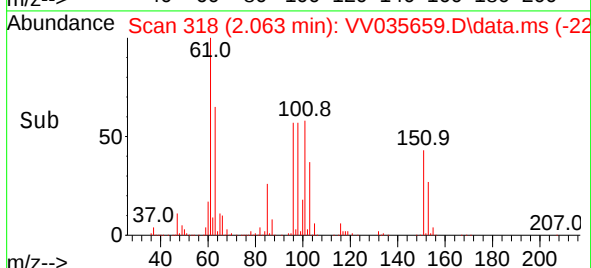
Tgt Ion:101 Resp: 166065
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.2 51.4
 151 73.4 59.5 89.3

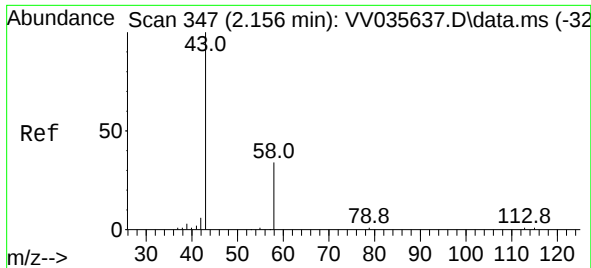


#12
 1,1-Dichloroethene
 Concen: 30.097 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV035659.D
 Acq: 21 May 2024 23:18



Tgt Ion: 96 Resp: 139365
 Ion Ratio Lower Upper
 96 100
 61 175.5 119.8 222.4
 63 114.0 75.6 140.4





#13

Acetone

Concen: 19.670 ug/L

RT: 2.153 min Scan# 347

Delta R.T. -0.003 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

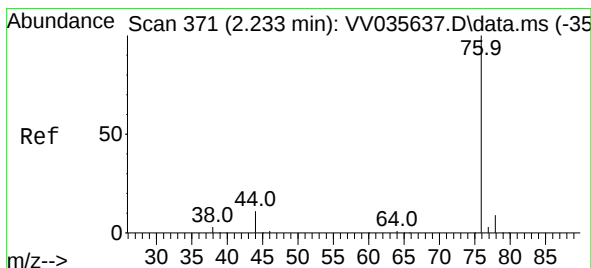
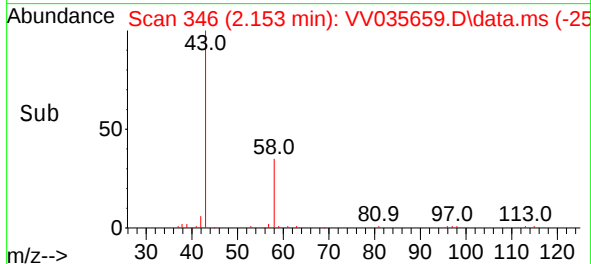
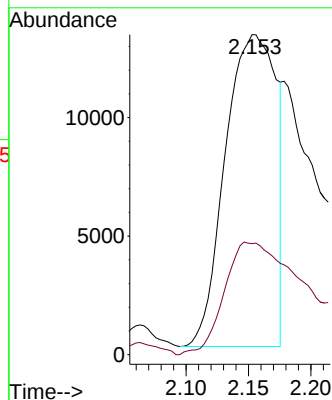
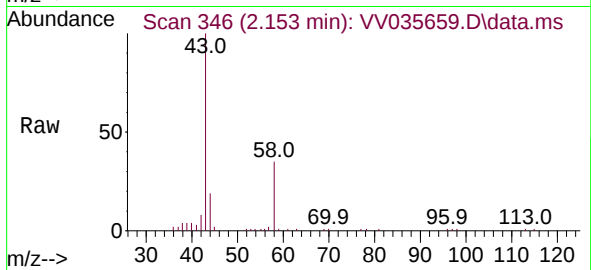
ClientSampleId :

Tgt Ion: 43 Resp: 37283

Ion Ratio Lower Upper

43 100

58 20.3 0.0 22.8



#14

Carbon disulfide

Concen: 24.943 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV035659.D

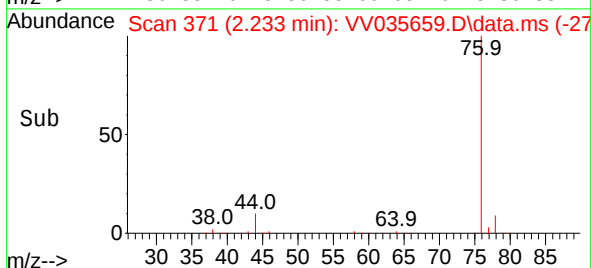
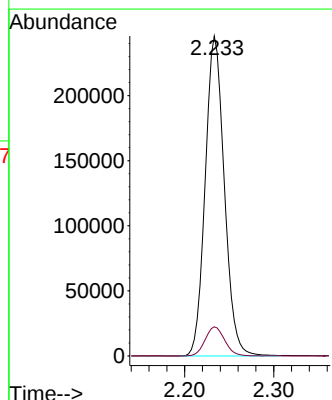
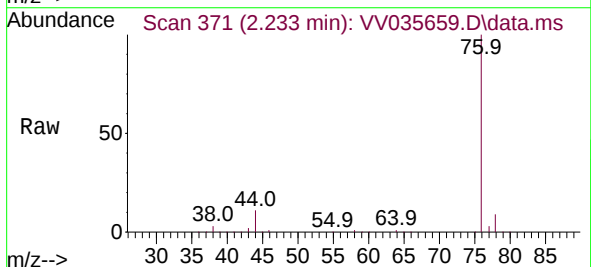
Acq: 21 May 2024 23:18

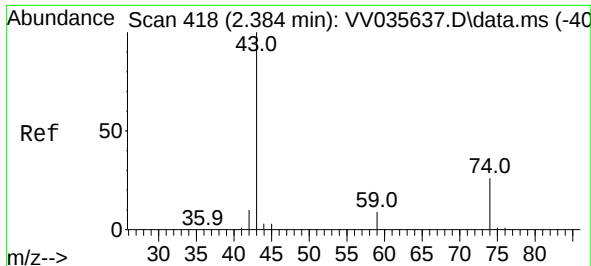
Tgt Ion: 76 Resp: 365829

Ion Ratio Lower Upper

76 100

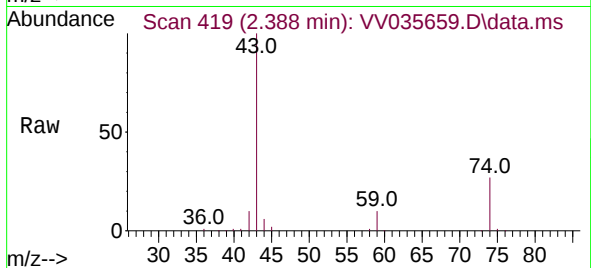
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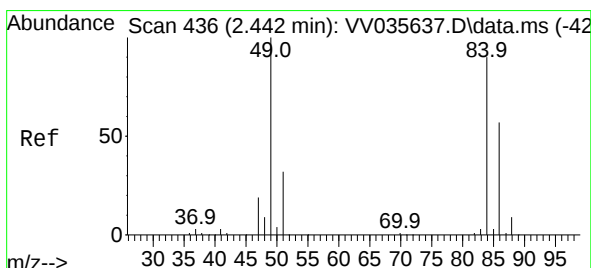
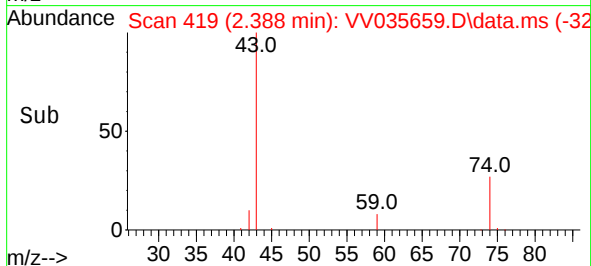
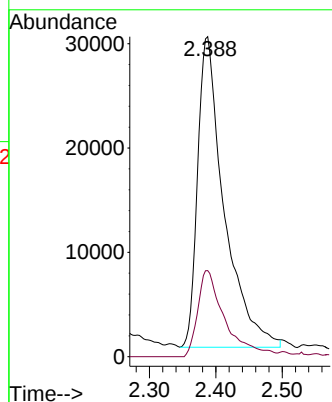


#15
Methyl Acetate
Concen: 28.717 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

Instrument :
MSVOA_V
ClientSampleId :

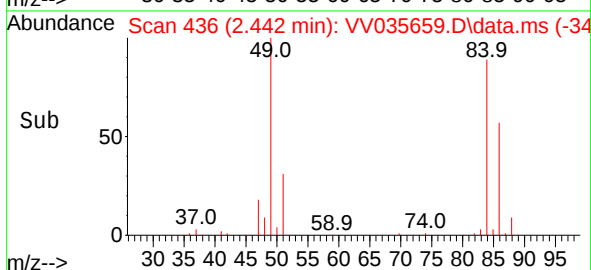
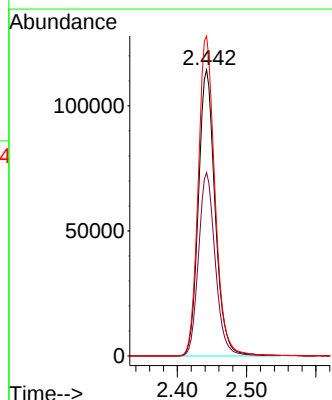
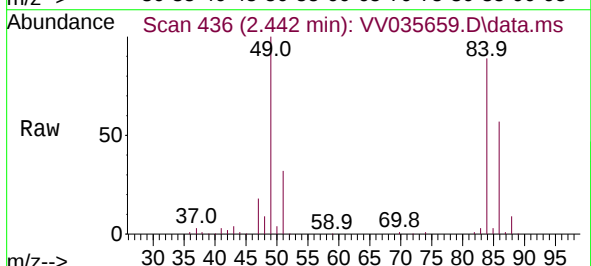


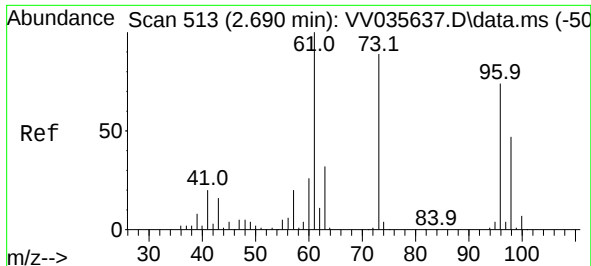
Tgt Ion: 43 Resp: 82466
Ion Ratio Lower Upper
43 100
74 28.5 18.6 27.8#



#16
Methylene chloride
Concen: 28.253 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

Tgt Ion: 84 Resp: 192321
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.3
49 111.9 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 29.355 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

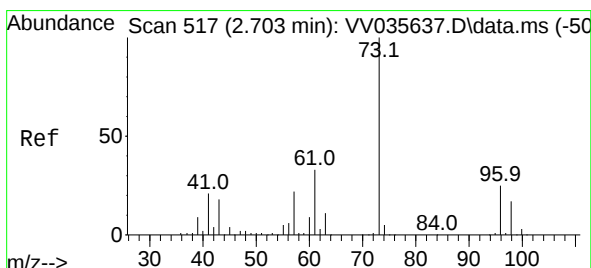
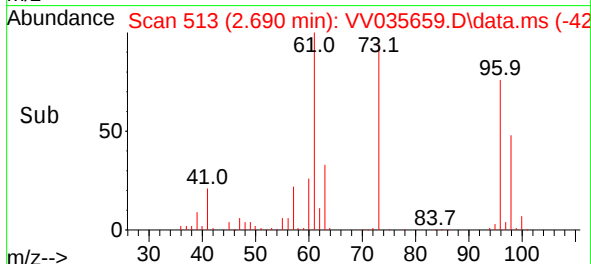
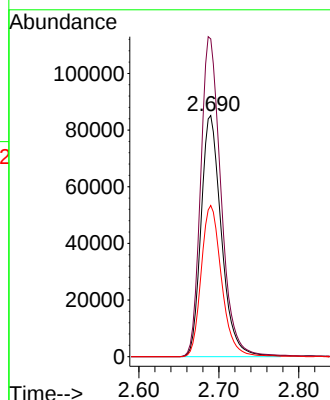
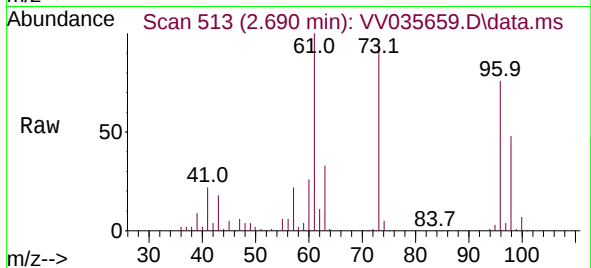
Tgt Ion: 96 Resp: 150904

Ion Ratio Lower Upper

96 100

61 131.8 95.5 177.4

98 62.7 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 31.206 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

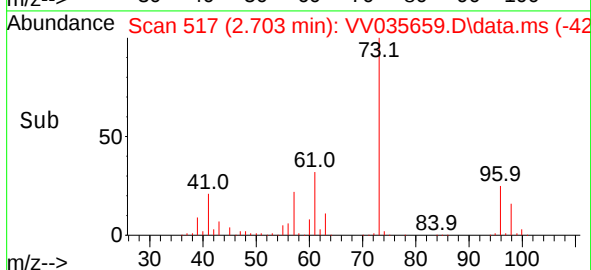
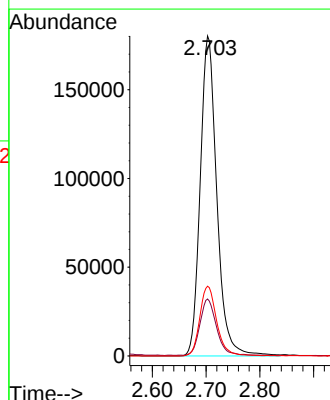
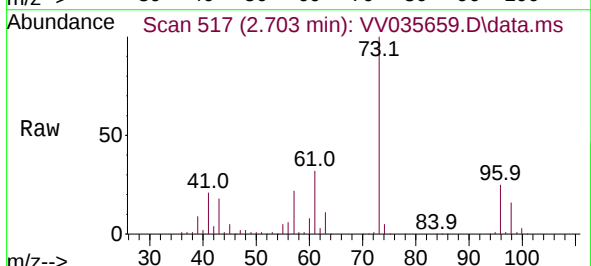
Tgt Ion: 73 Resp: 386965

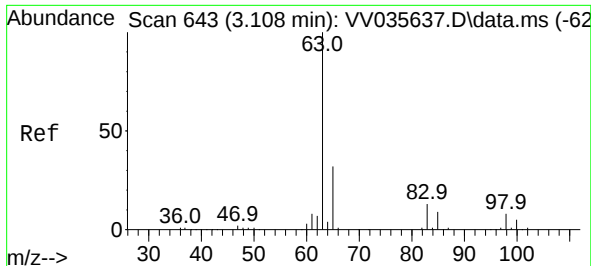
Ion Ratio Lower Upper

73 100

43 17.3 13.3 19.9

57 22.1 17.4 26.2





#19

1,1-Dichloroethane

Concen: 31.852 ug/L

RT: 3.108 min Scan# 643

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

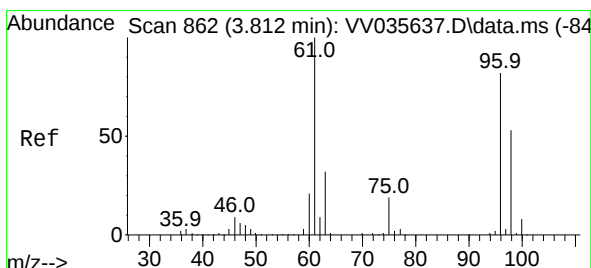
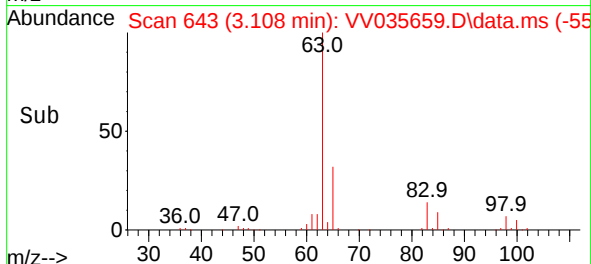
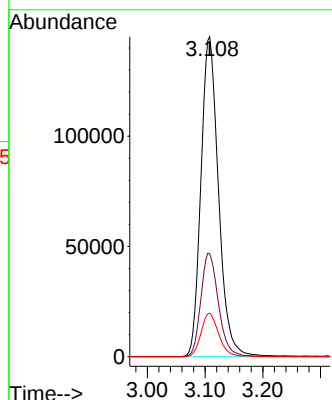
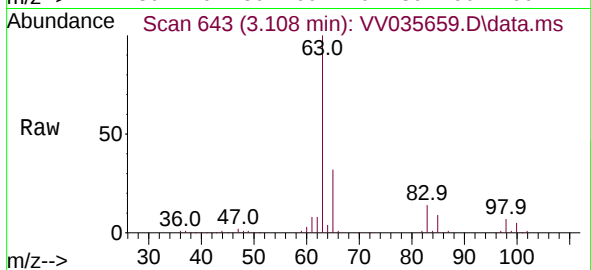
Tgt Ion: 63 Resp: 306968

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 13.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 28.409 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

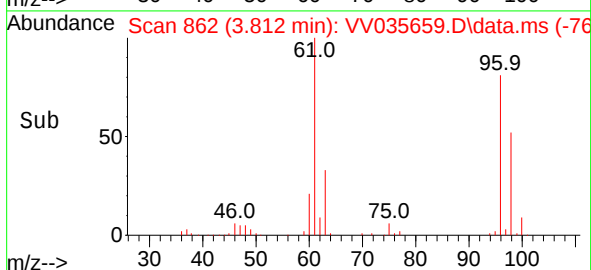
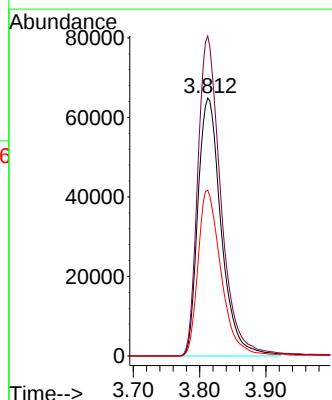
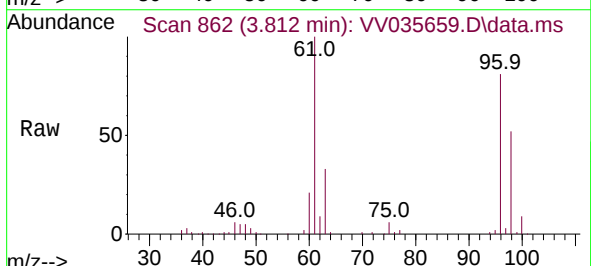
Tgt Ion: 96 Resp: 158317

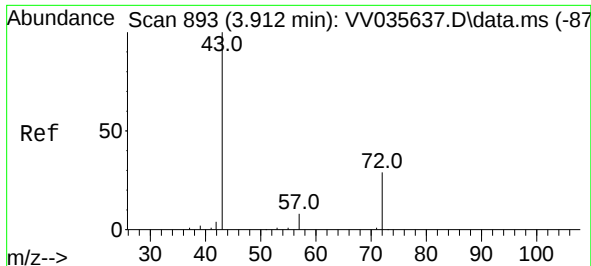
Ion Ratio Lower Upper

96 100

61 124.1 83.9 155.9

98 64.2 44.0 81.8





#22

2-Butanone

Concen: 16.655 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

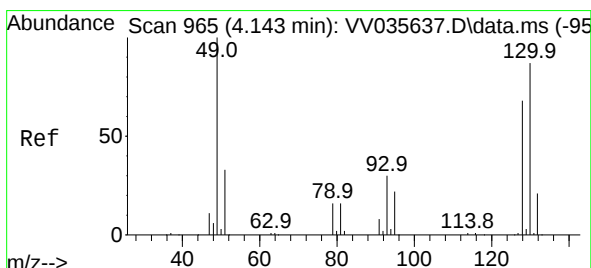
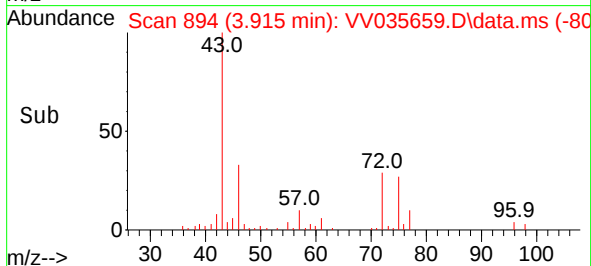
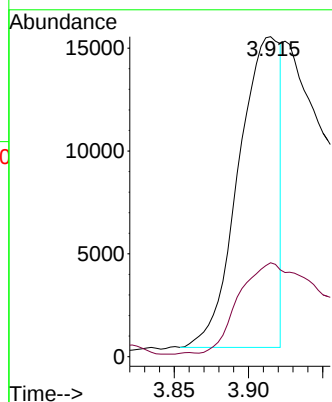
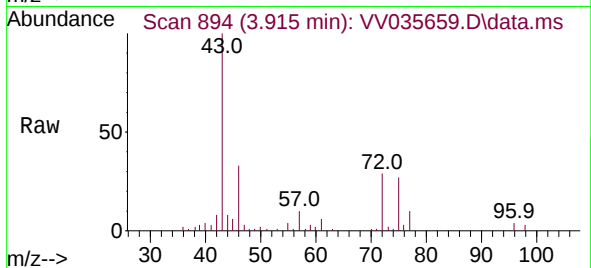
ClientSampleId :

Tgt Ion: 43 Resp: 29316

Ion Ratio Lower Upper

43 100

72 68.0 12.3 36.9#



#23

Bromochloromethane

Concen: 30.425 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Tgt Ion:128 Resp: 82005

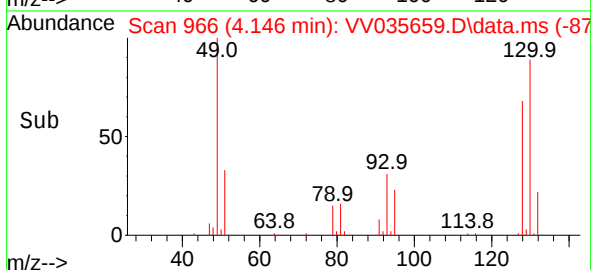
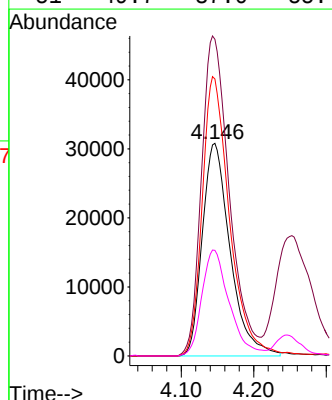
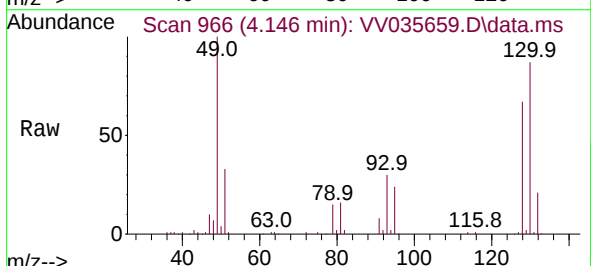
Ion Ratio Lower Upper

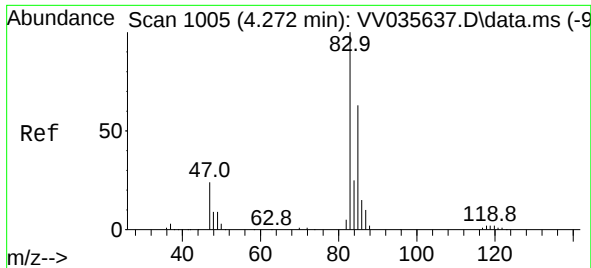
128 100

49 148.9 103.1 191.5

130 130.3 91.8 170.4

51 49.7 37.0 55.4





#25

Chloroform

Concen: 32.160 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

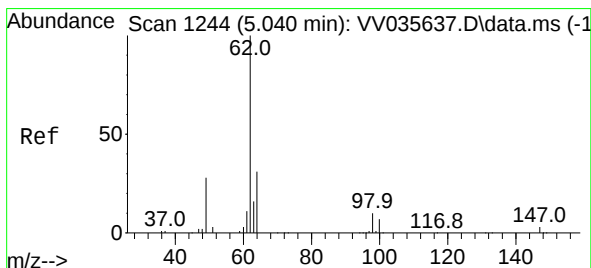
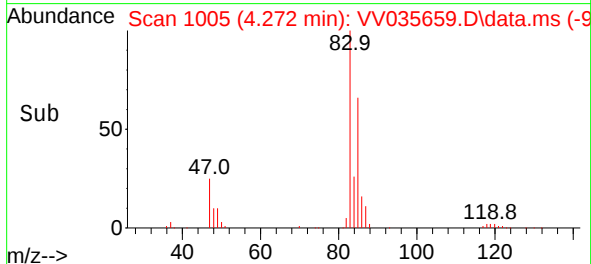
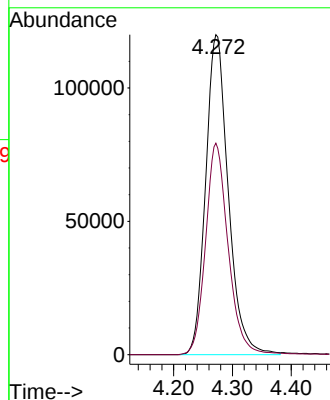
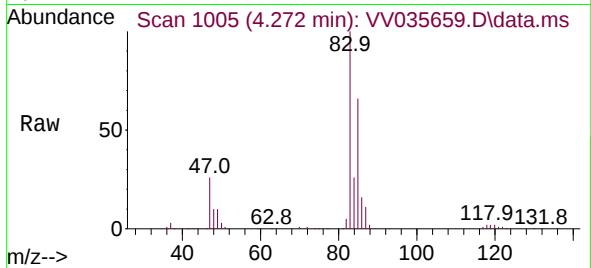
ClientSampleId :

Tgt Ion: 83 Resp: 320045

Ion Ratio Lower Upper

83 100

85 66.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 32.652 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV035659.D

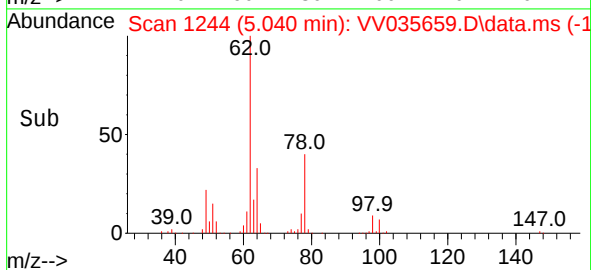
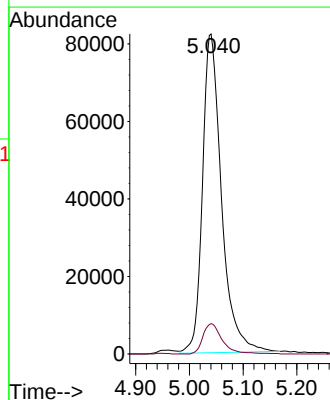
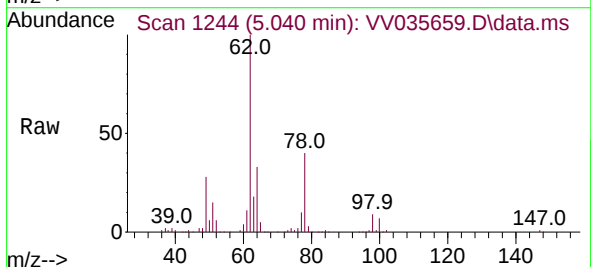
Acq: 21 May 2024 23:18

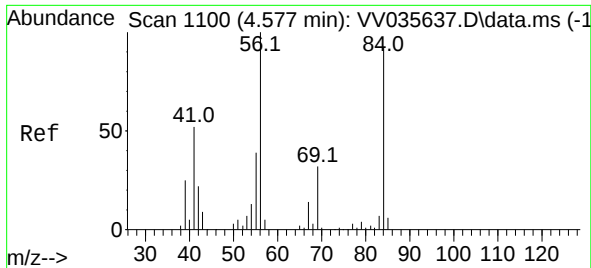
Tgt Ion: 62 Resp: 202345

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 26.289 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

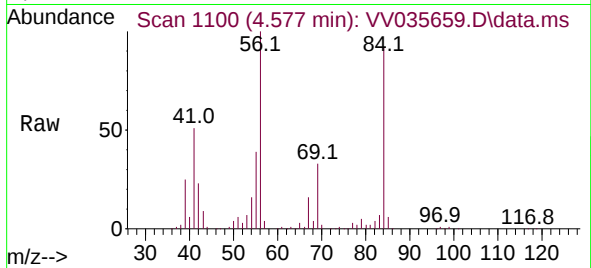
Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :



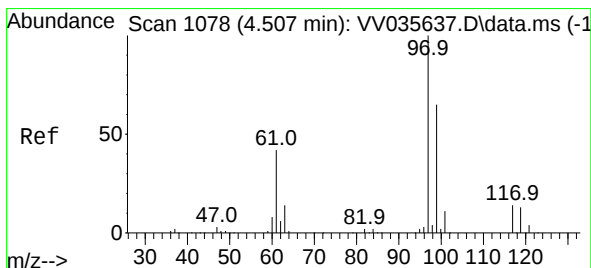
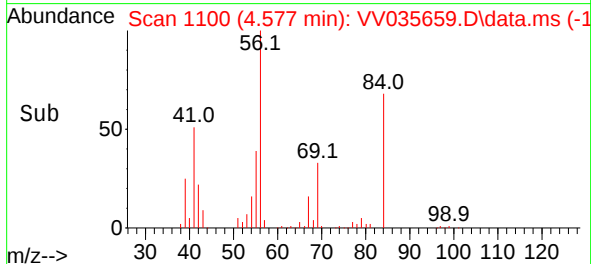
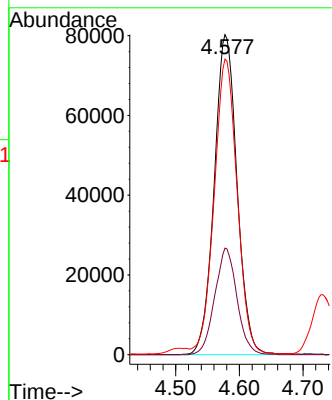
Tgt Ion: 56 Resp: 199855

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 92.7 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 31.138 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

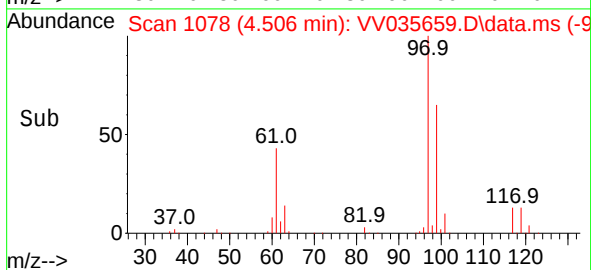
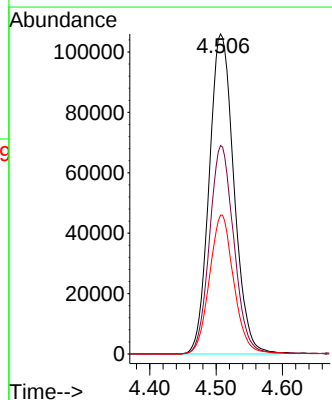
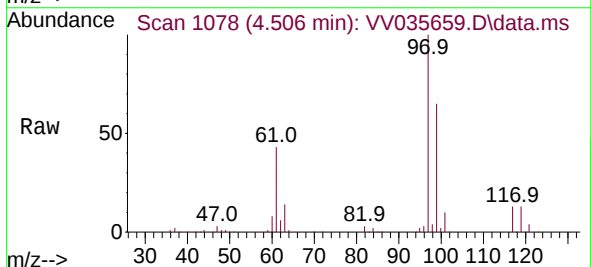
Tgt Ion: 97 Resp: 274467

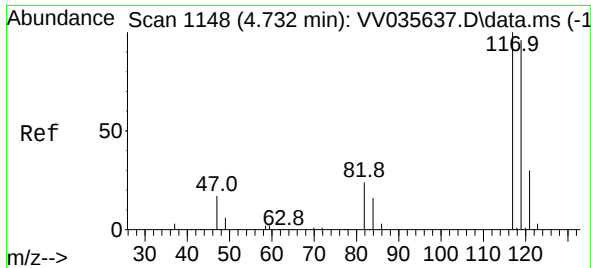
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 42.6 33.5 50.3

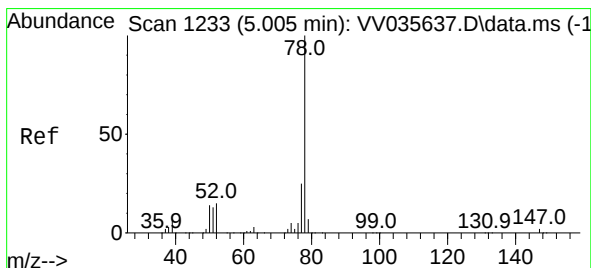
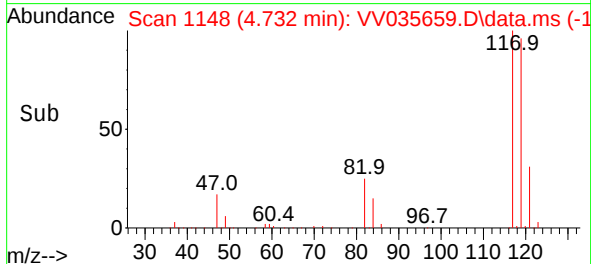
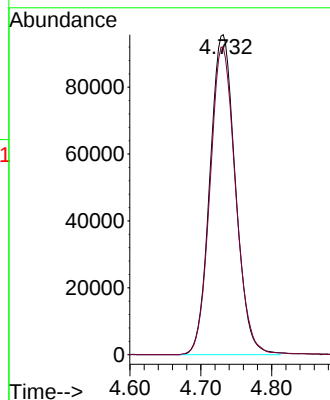
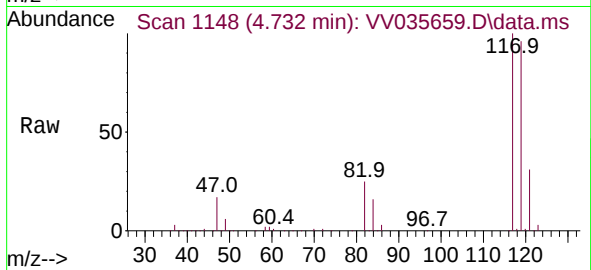




#31
Carbon tetrachloride
Concen: 30.890 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

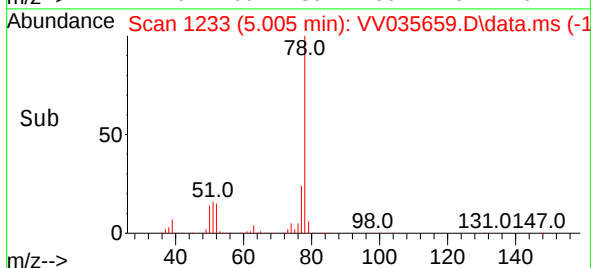
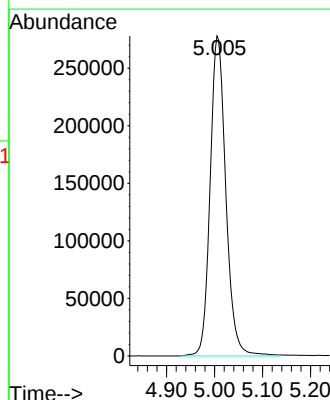
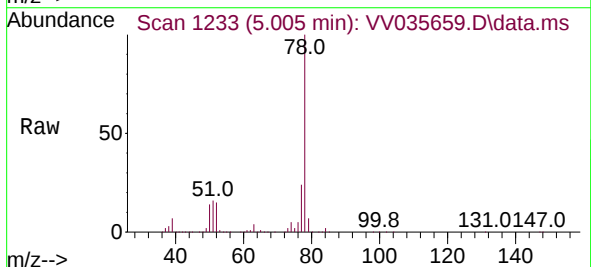
Instrument :
MSVOA_V
ClientSampleId :

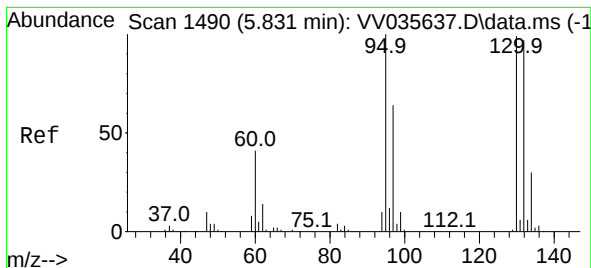
Tgt Ion:117 Resp: 238904
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9



#33
Benzene
Concen: 30.052 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

Tgt Ion: 78 Resp: 632299





#34

Trichloroethene

Concen: 31.376 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 186733

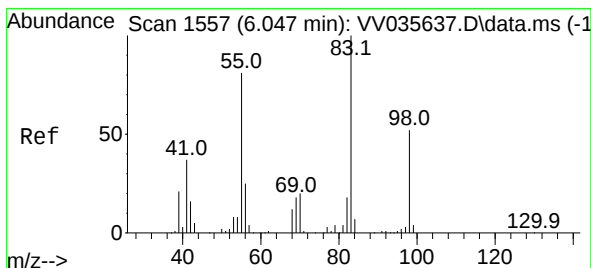
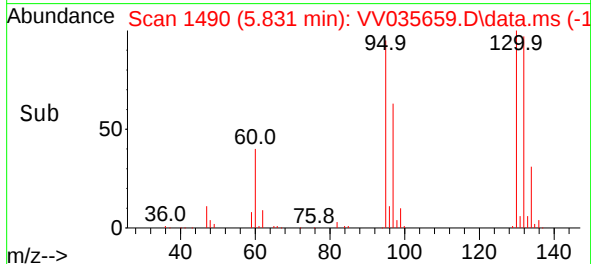
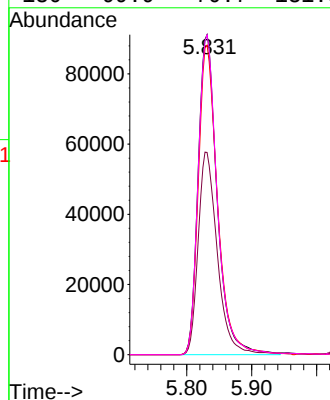
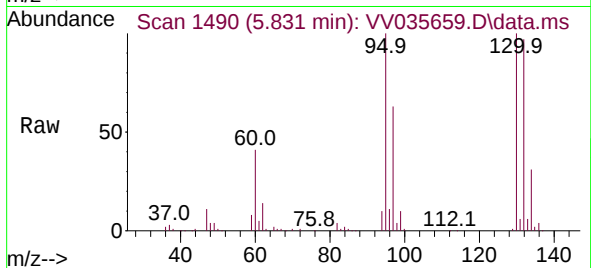
Ion Ratio Lower Upper

95 100

97 63.2 43.8 81.4

132 96.8 67.1 124.7

130 99.9 70.7 131.3



#35

Methylcyclohexane

Concen: 26.799 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

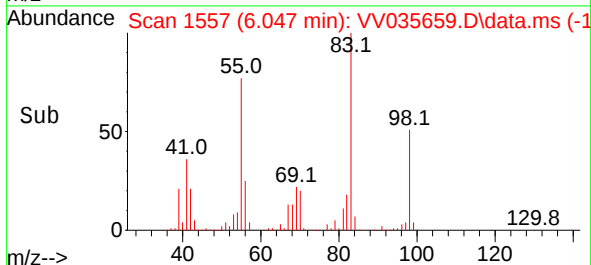
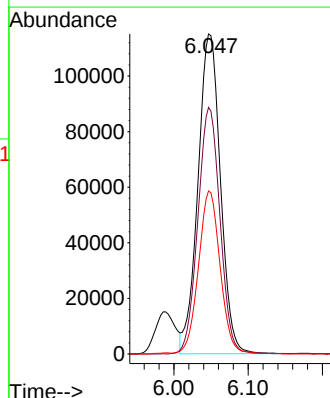
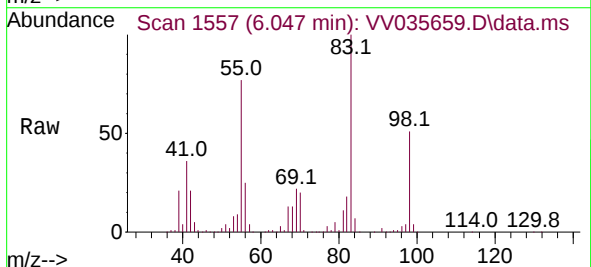
Tgt Ion: 83 Resp: 242142

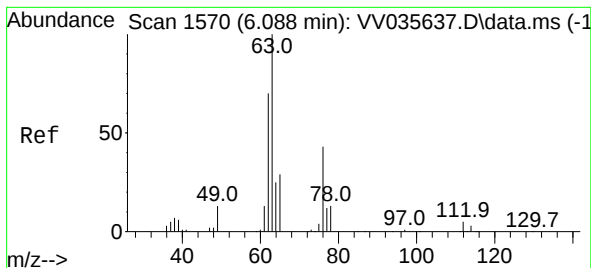
Ion Ratio Lower Upper

83 100

55 75.8 57.5 86.3

98 48.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 32.586 ug/L

RT: 6.092 min Scan# 1570

Delta R.T. 0.003 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

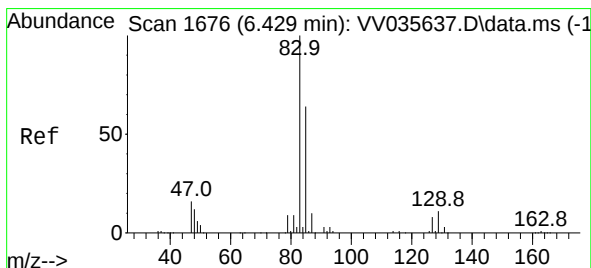
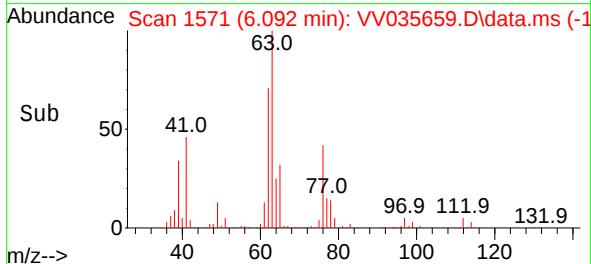
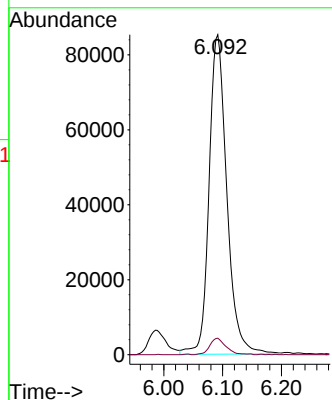
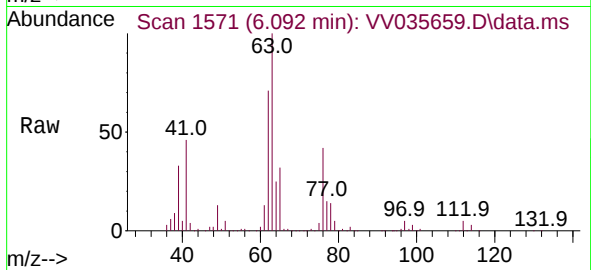
ClientSampleId :

Tgt Ion: 63 Resp: 178874

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 30.923 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

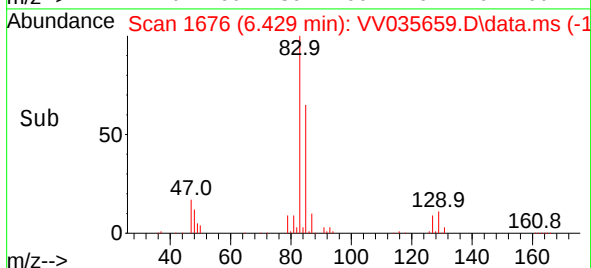
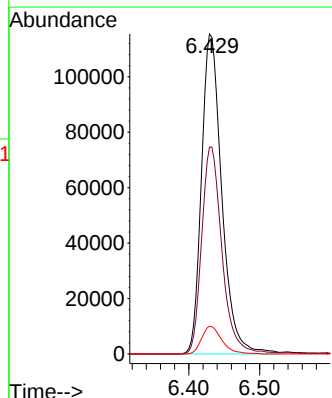
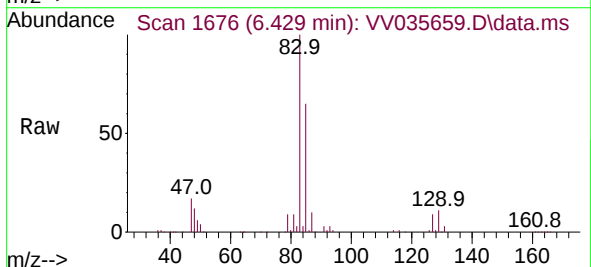
Tgt Ion: 83 Resp: 229953

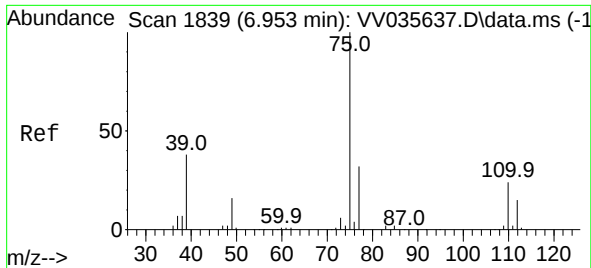
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.515 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

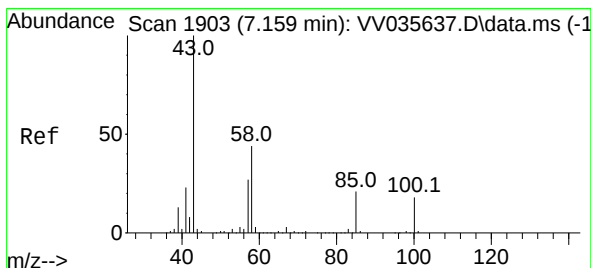
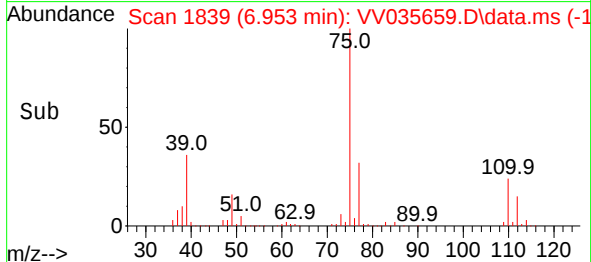
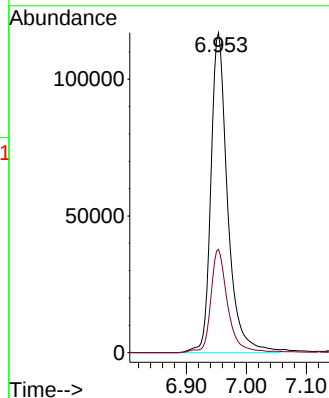
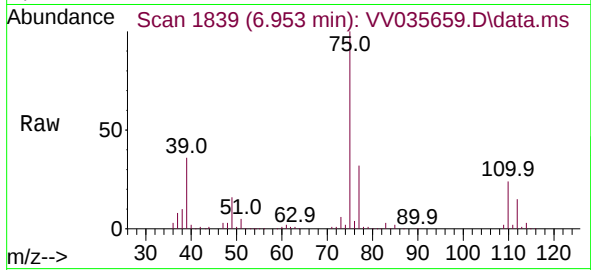
ClientSampleId :

Tgt Ion: 75 Resp: 227651

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 66.052 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

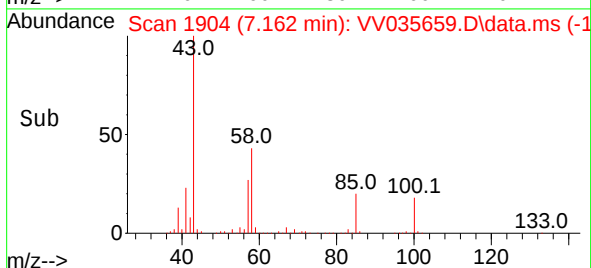
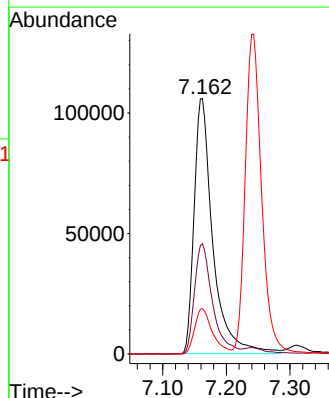
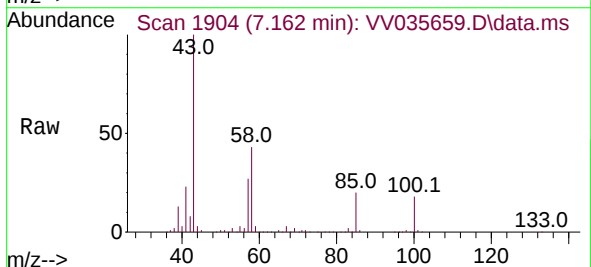
Tgt Ion: 43 Resp: 217148

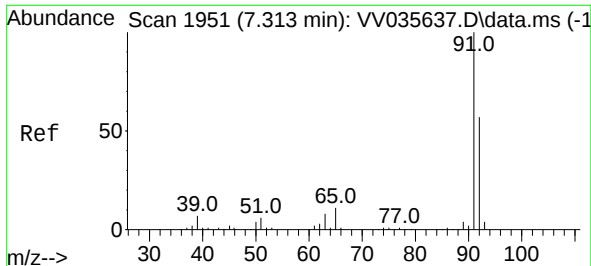
Ion Ratio Lower Upper

43 100

58 41.6 34.8 52.2

100 16.9 13.9 20.9





#42

Toluene

Concen: 30.523 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

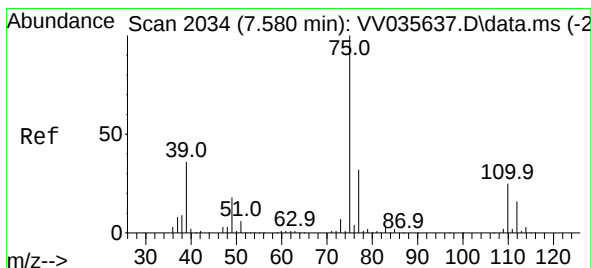
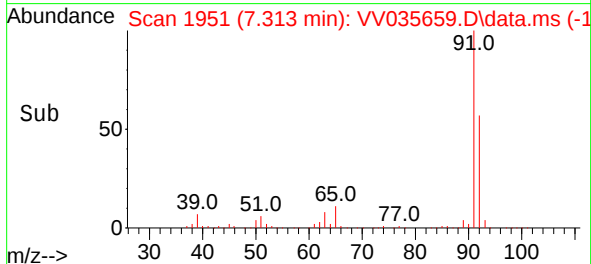
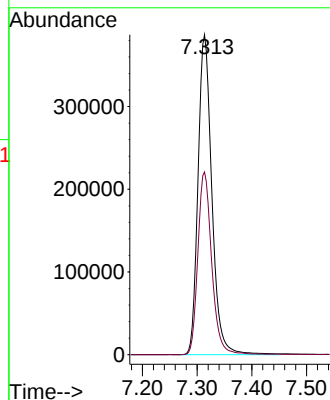
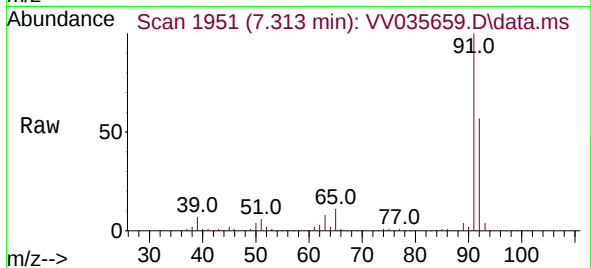
ClientSampleId :

Tgt Ion: 91 Resp: 679639

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 28.072 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV035659.D

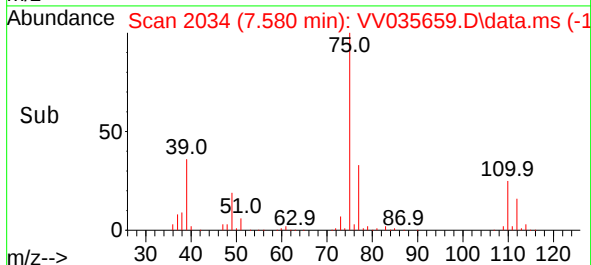
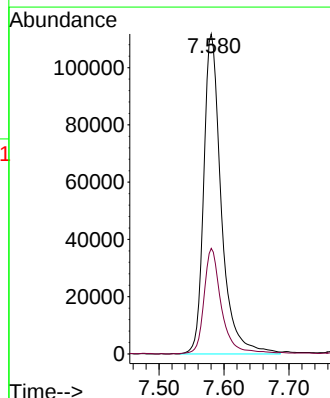
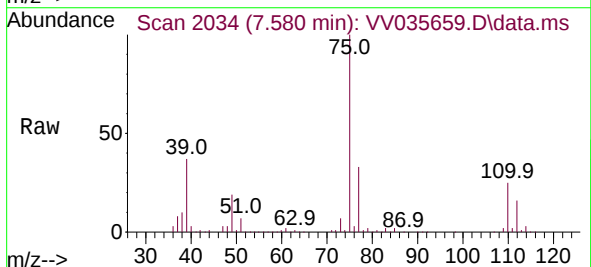
Acq: 21 May 2024 23:18

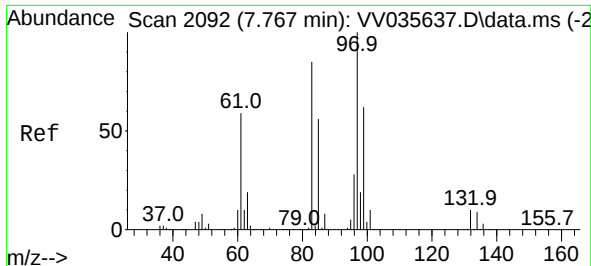
Tgt Ion: 75 Resp: 210842

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6

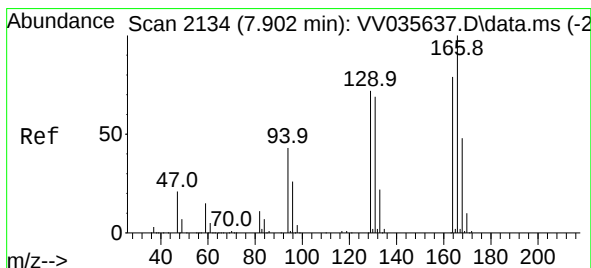
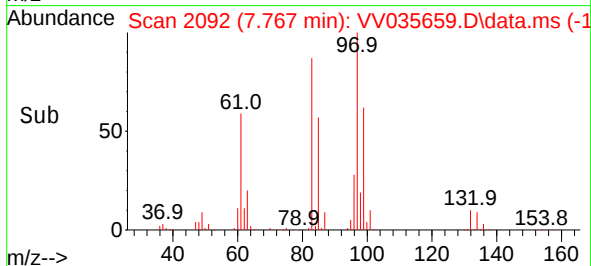
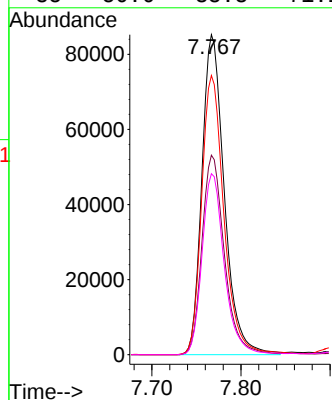
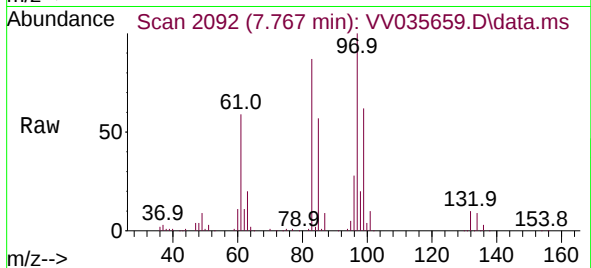




#45
1,1,2-Trichloroethane
Concen: 31.909 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

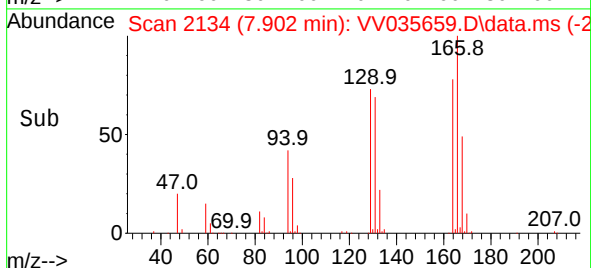
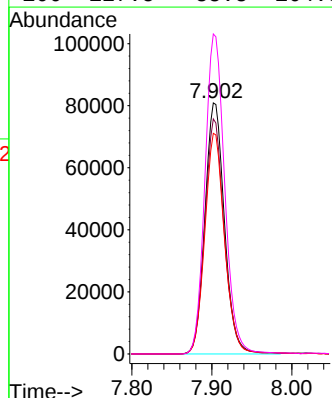
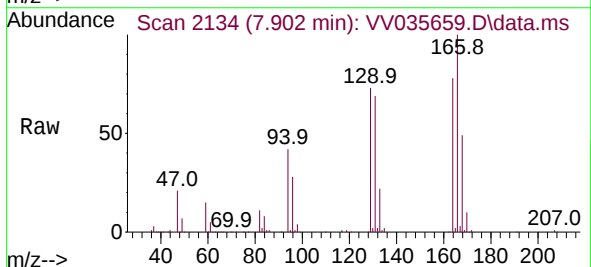
Instrument :
MSVOA_V
ClientSampleId :

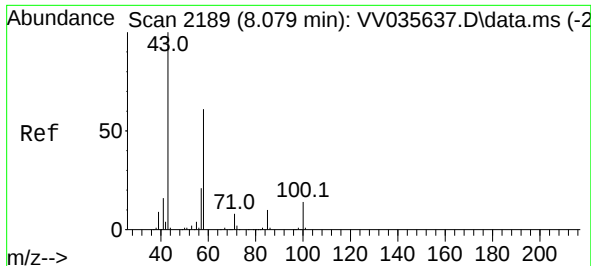
Tgt Ion:	97	Resp:	148830
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.3
83	87.3	60.3	111.9
85	56.6	38.3	71.1



#46
Tetrachloroethene
Concen: 28.548 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

Tgt Ion:	164	Resp:	138034
Ion	Ratio	Lower	Upper
164	100		
129	93.6	63.4	117.8
131	87.9	61.0	113.4
166	127.5	88.8	164.8

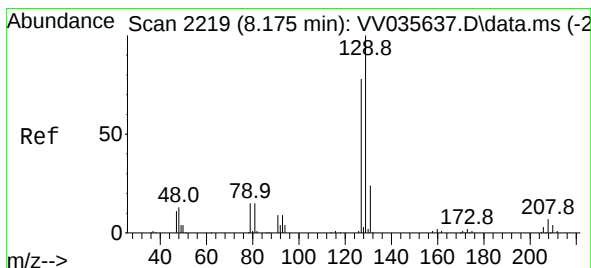
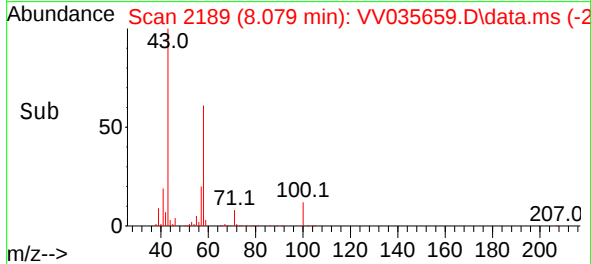
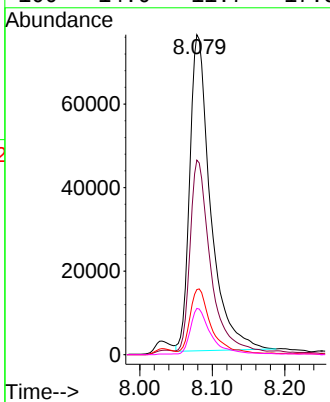
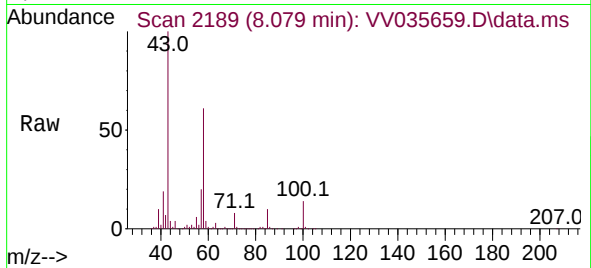




#48
2-Hexanone
Concen: 61.180 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

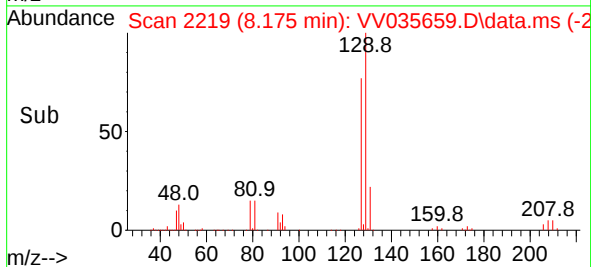
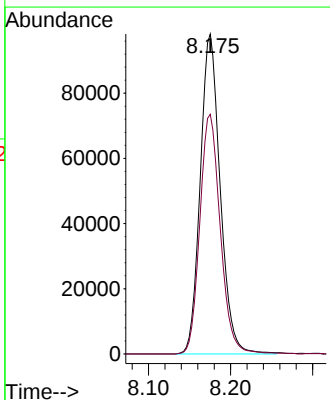
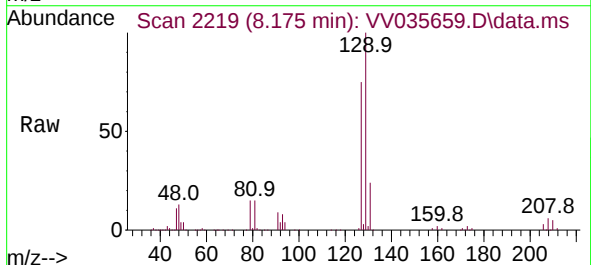
Instrument :
MSVOA_V
ClientSampleId :

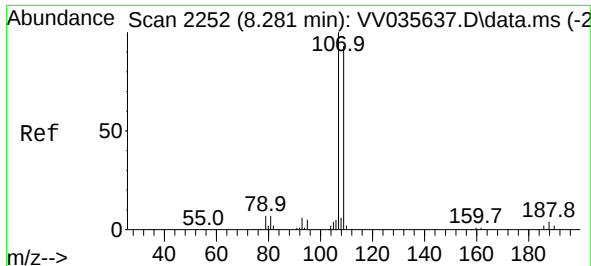
Tgt Ion: 43 Resp: 150806
Ion Ratio Lower Upper
43 100
58 59.6 48.8 73.2
57 19.0 16.9 25.3
100 14.0 11.7 17.5



#49
Dibromochloromethane
Concen: 31.474 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

Tgt Ion: 129 Resp: 165647
Ion Ratio Lower Upper
129 100
127 74.9 53.8 99.8





#50

1,2-Dibromoethane

Concen: 31.357 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

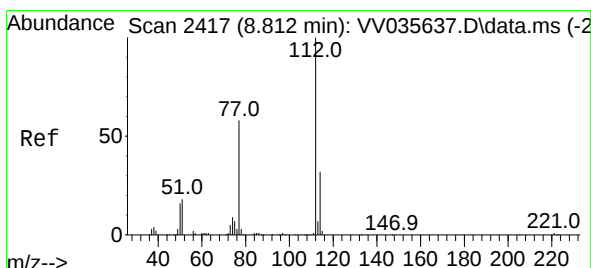
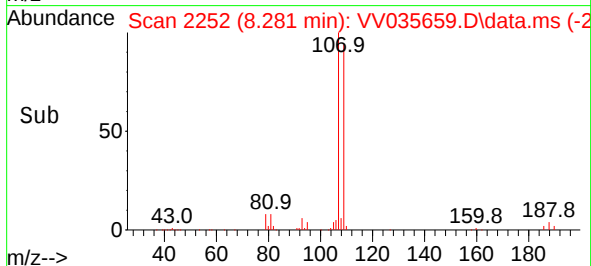
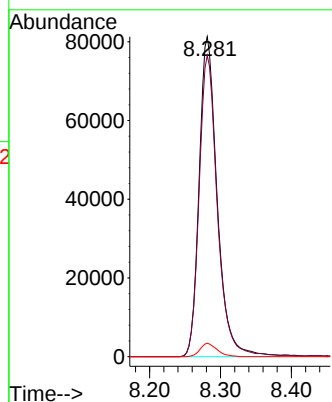
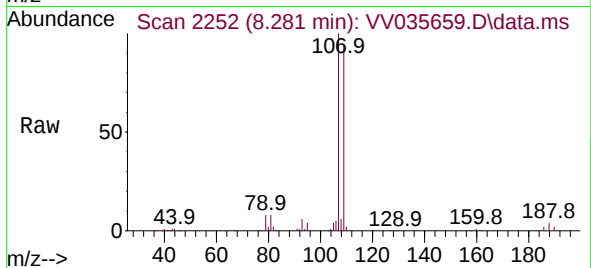
Tgt Ion:107 Resp: 144082

Ion Ratio Lower Upper

107 100

109 94.2 65.4 121.4

188 4.2 2.9 4.3



#51

Chlorobenzene

Concen: 28.816 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

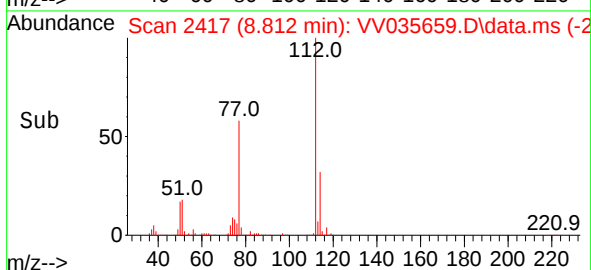
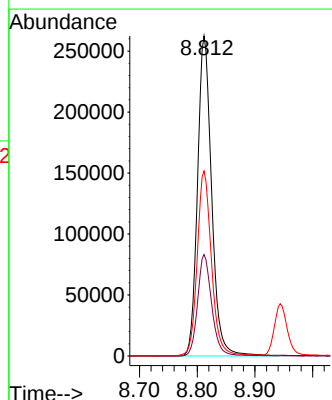
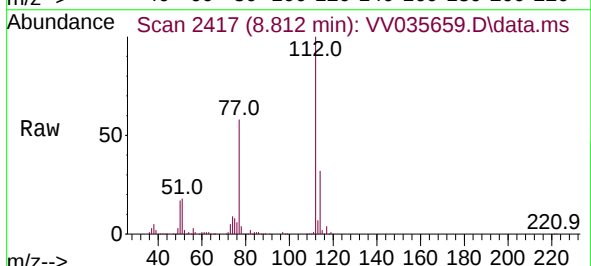
Tgt Ion:112 Resp: 445210

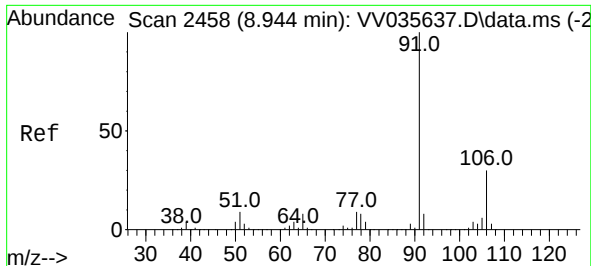
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.7

77 57.8 46.6 69.8





#52

Ethylbenzene

Concen: 29.367 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

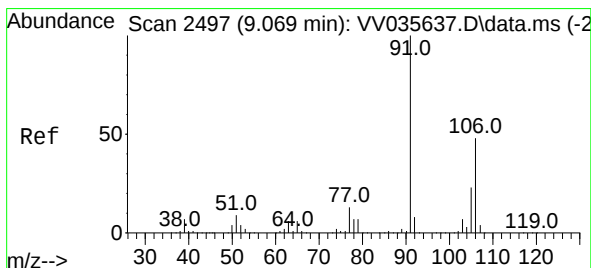
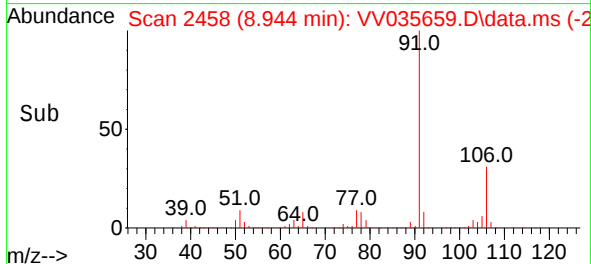
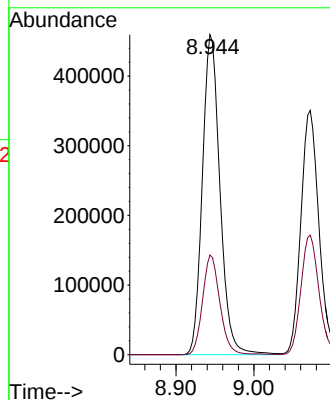
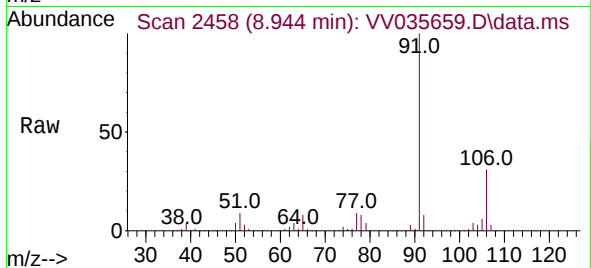
ClientSampleId :

Tgt Ion: 91 Resp: 721964

Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



#53

m,p-Xylene

Concen: 29.858 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035659.D

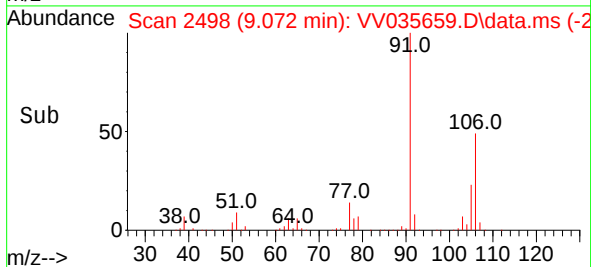
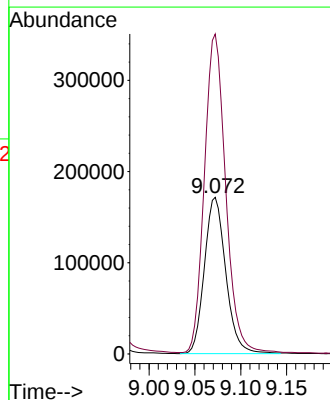
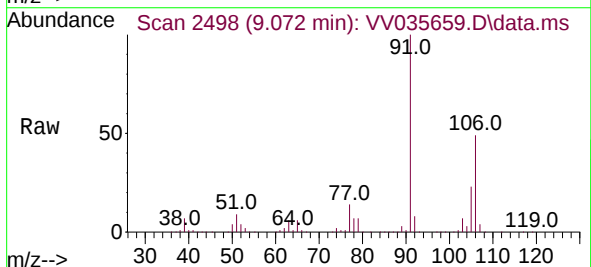
Acq: 21 May 2024 23:18

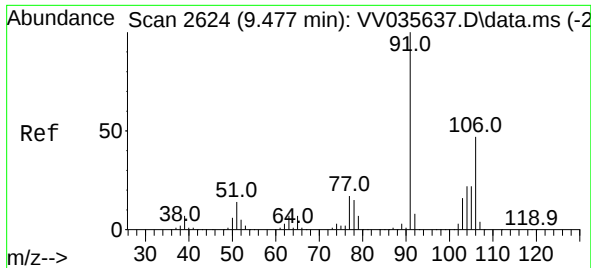
Tgt Ion:106 Resp: 278490

Ion Ratio Lower Upper

106 100

91 204.4 142.7 264.9

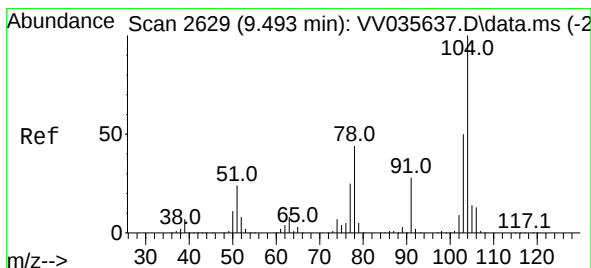
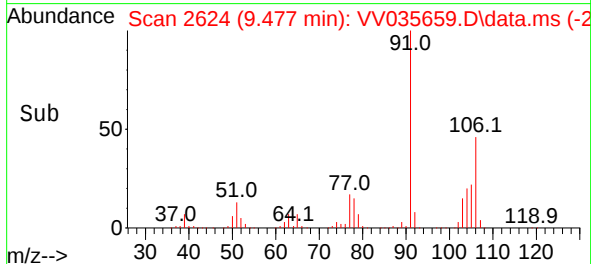
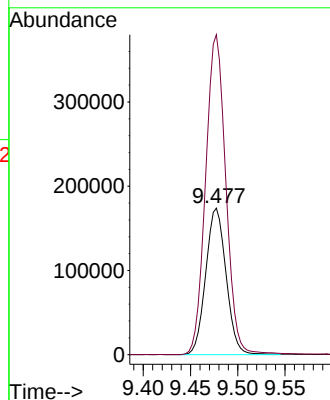
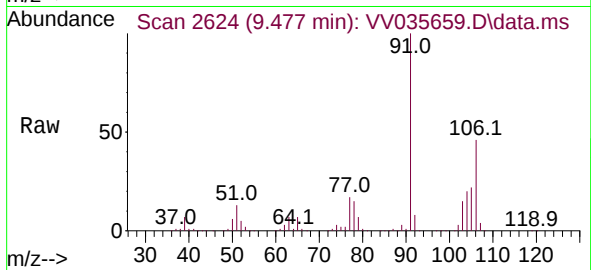




#54
o-Xylene
Concen: 29.566 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

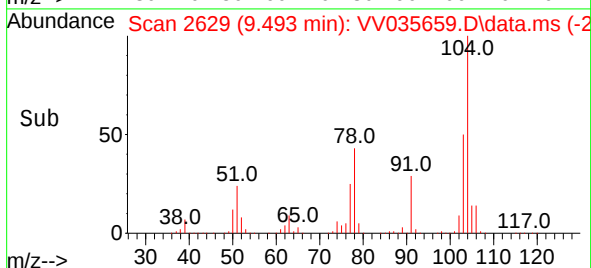
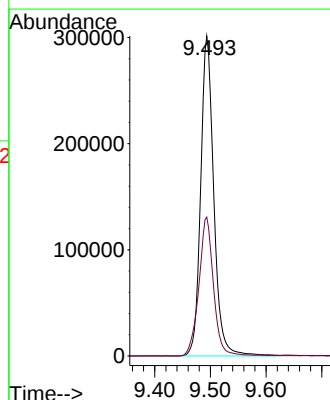
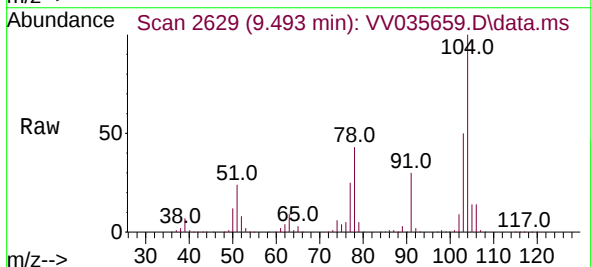
Instrument :
MSVOA_V
ClientSampleId :

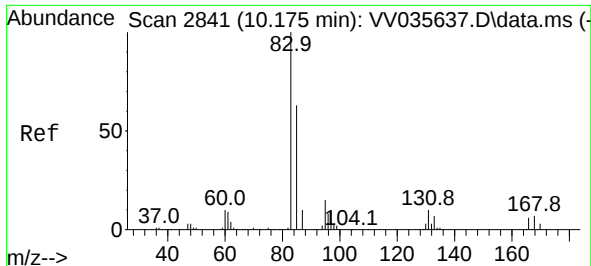
Tgt Ion:106 Resp: 261359
Ion Ratio Lower Upper
106 100
91 218.4 150.9 280.3



#55
Styrene
Concen: 32.125 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

Tgt Ion:104 Resp: 495314
Ion Ratio Lower Upper
104 100
78 43.4 30.0 55.6

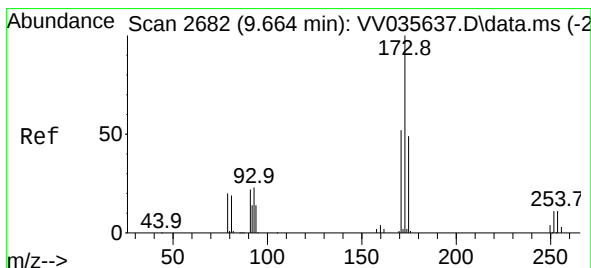
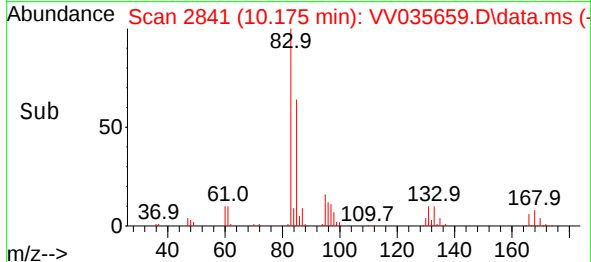
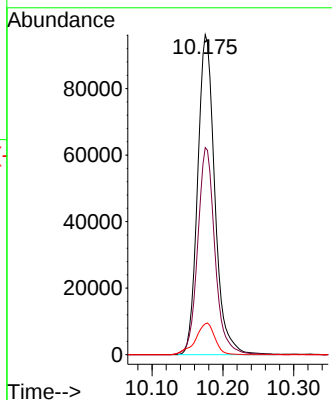
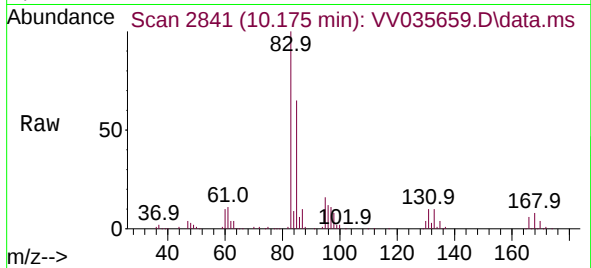




#57
1,1,2,2-Tetrachloroethane
Concen: 28.481 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

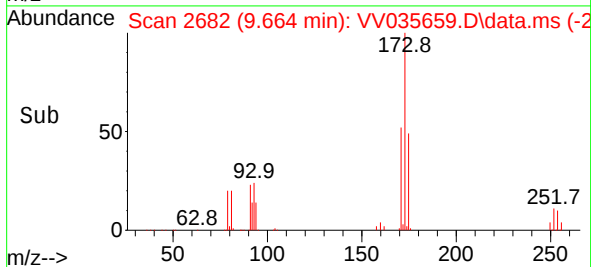
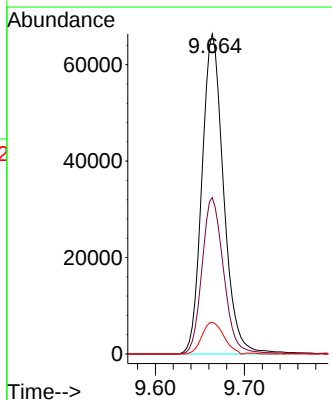
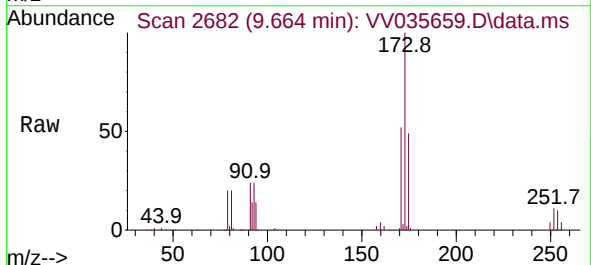
Instrument :
MSVOA_V
ClientSampleId :

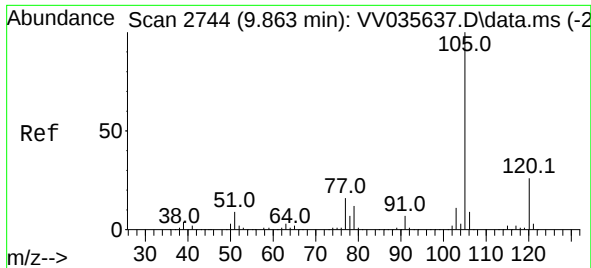
Tgt Ion: 83 Resp: 161820
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1
131 9.7 8.0 12.0



#59
Bromoform
Concen: 30.774 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

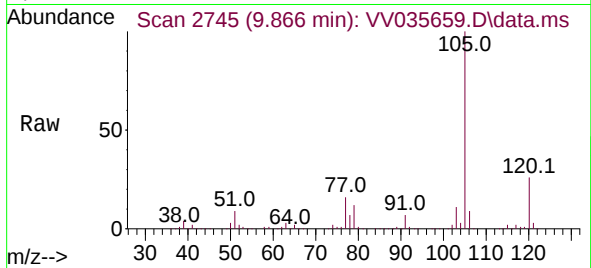
Tgt Ion: 173 Resp: 111753
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 10.0 8.3 12.5



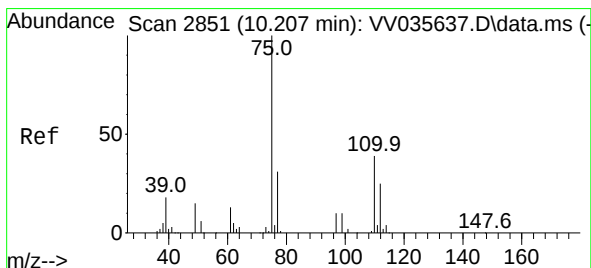
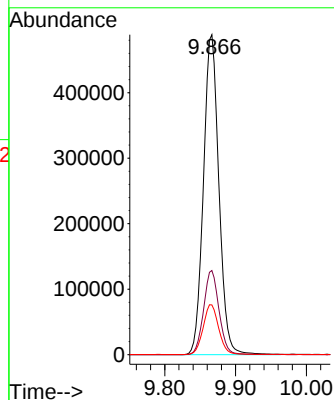
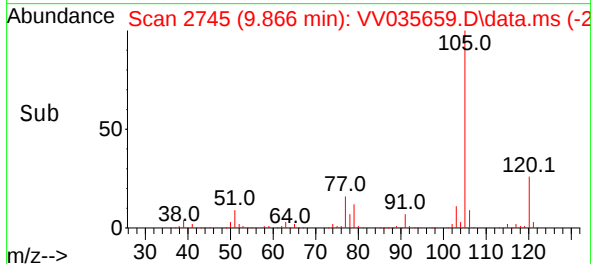


#60
Isopropylbenzene
Concen: 30.060 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18

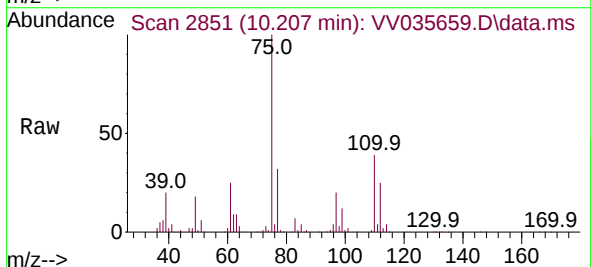
Instrument :
MSVOA_V
ClientSampleId :



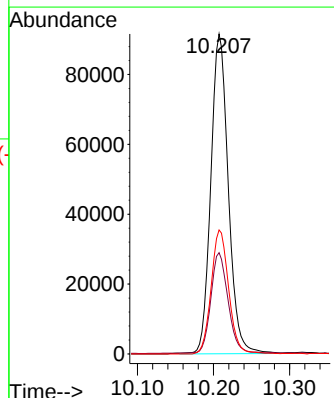
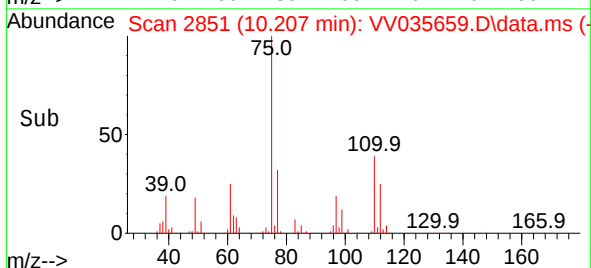
Tgt Ion:105 Resp: 739917
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.7 12.2 18.2

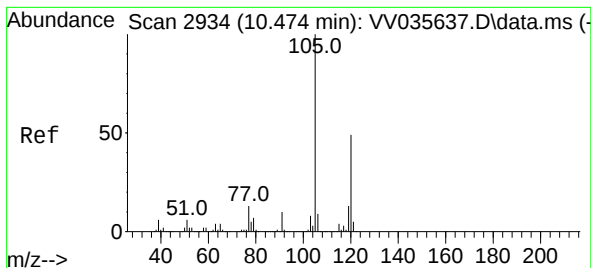


#61
1,2,3-Trichloropropane
Concen: 33.801 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035659.D
Acq: 21 May 2024 23:18



Tgt Ion: 75 Resp: 146357
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5
110 38.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 29.629 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

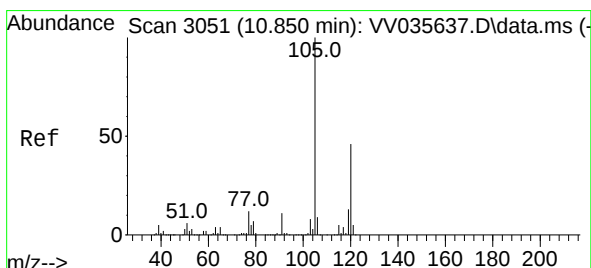
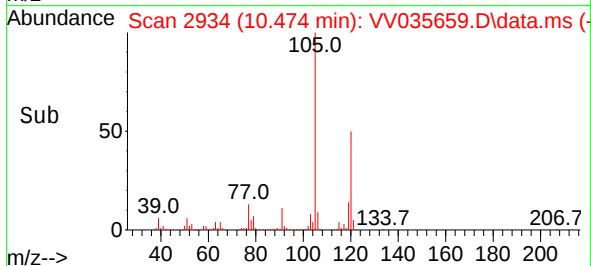
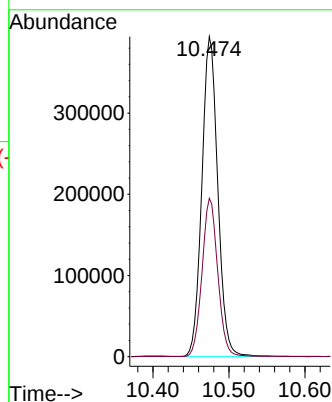
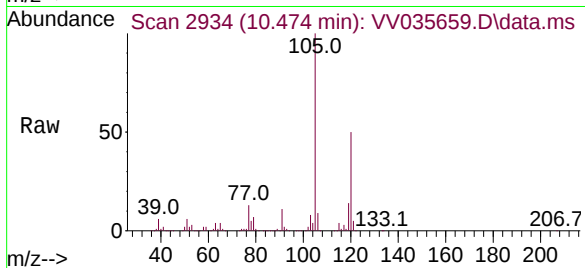
ClientSampleId :

Tgt Ion:105 Resp: 572114

Ion Ratio Lower Upper

105 100

120 48.9 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 29.199 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035659.D

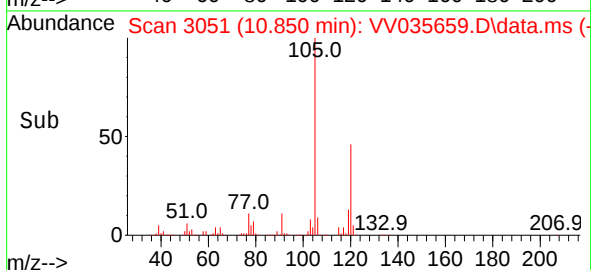
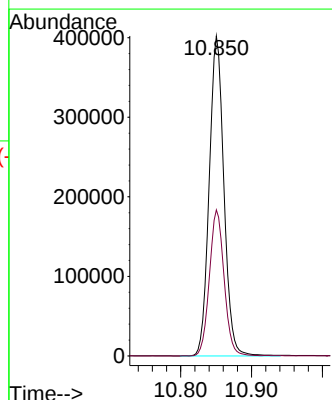
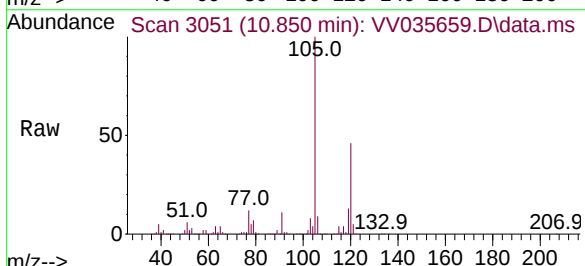
Acq: 21 May 2024 23:18

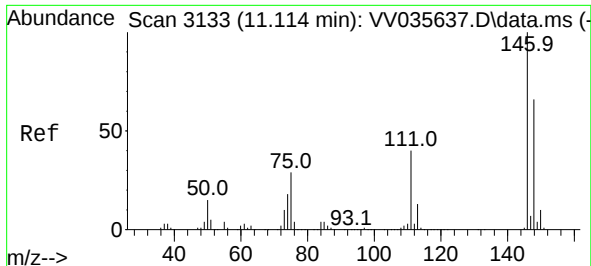
Tgt Ion:105 Resp: 579393

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 28.328 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

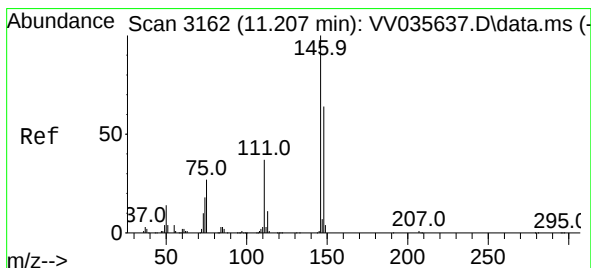
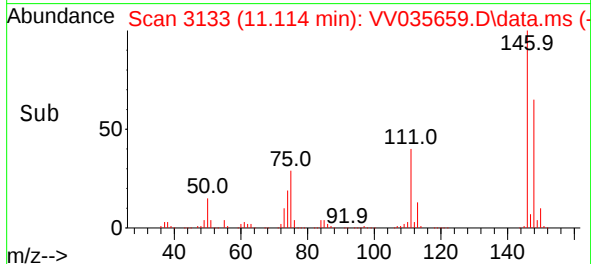
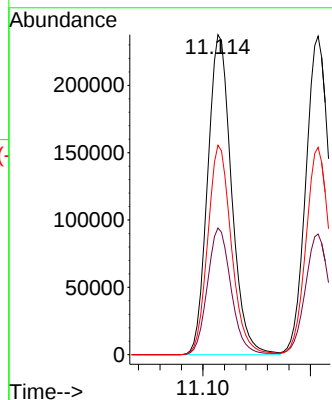
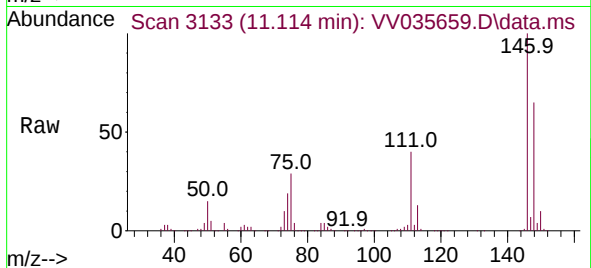
Tgt Ion:146 Resp: 365926

Ion Ratio Lower Upper

146 100

111 39.6 27.0 50.2

148 65.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 28.041 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

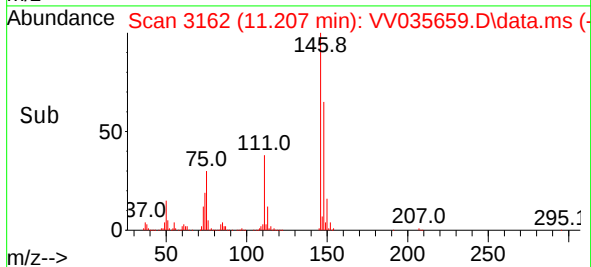
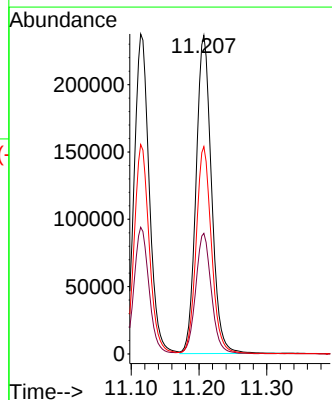
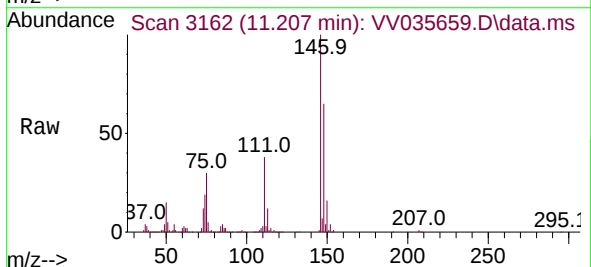
Tgt Ion:146 Resp: 374980

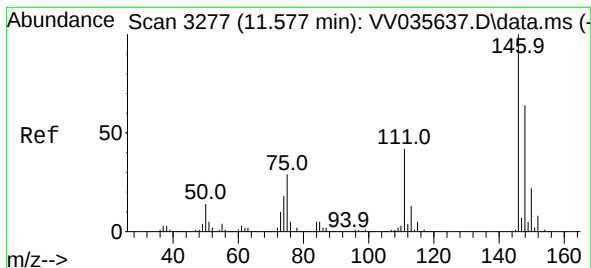
Ion Ratio Lower Upper

146 100

111 37.8 26.2 48.6

148 65.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 28.319 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min MSVOA_V

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

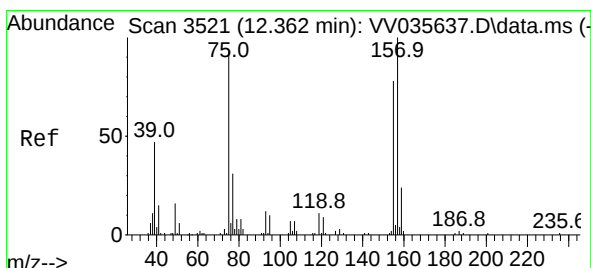
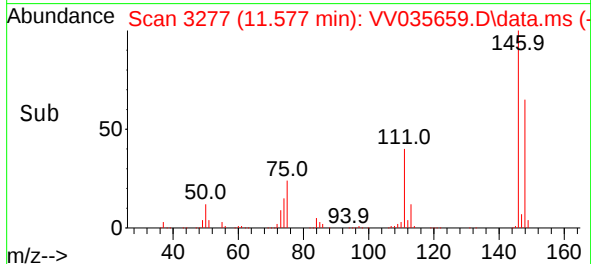
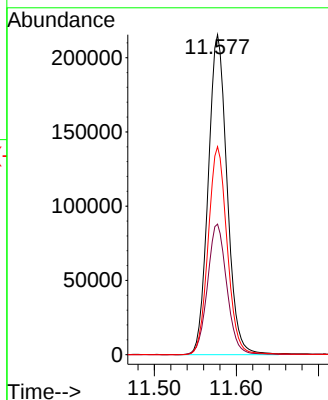
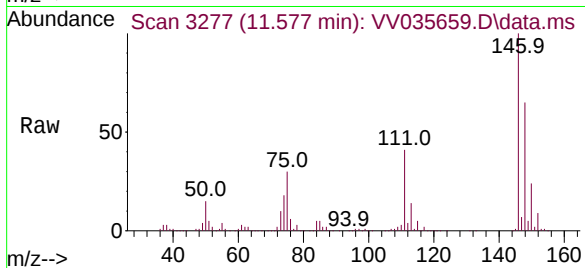
Tgt Ion:146 Resp: 344348

Ion Ratio Lower Upper

146 100

111 40.8 32.6 48.8

148 65.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 32.632 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

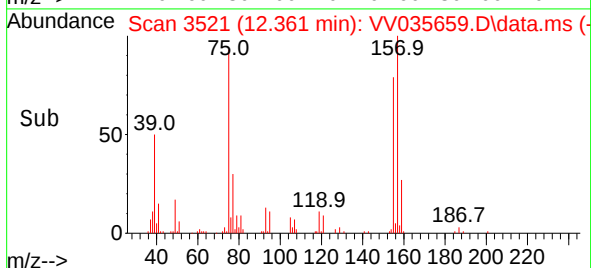
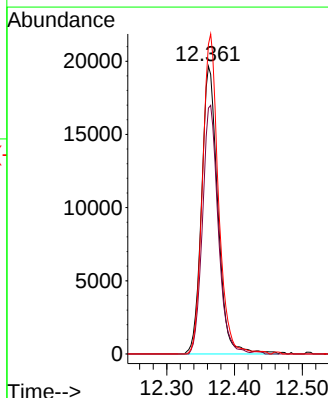
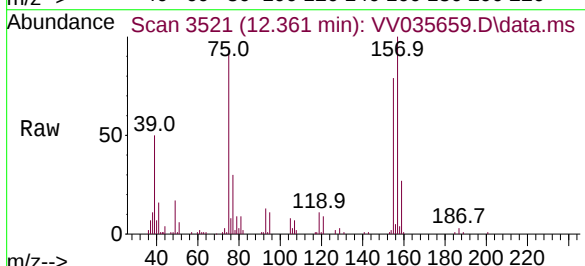
Tgt Ion: 75 Resp: 32770

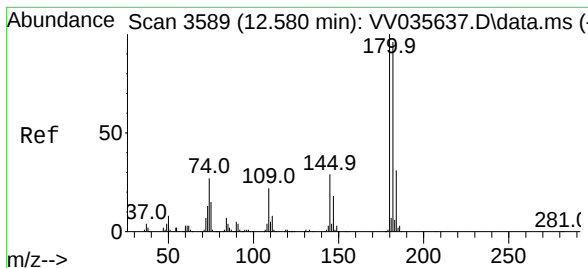
Ion Ratio Lower Upper

75 100

155 85.5 69.8 104.6

157 107.6 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 25.624 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

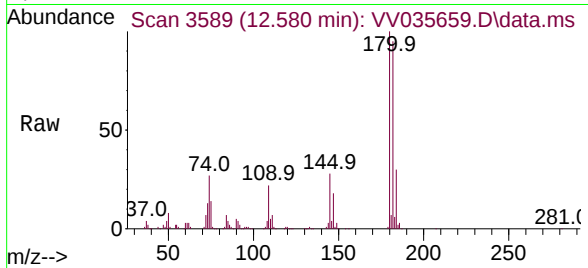
Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 258661

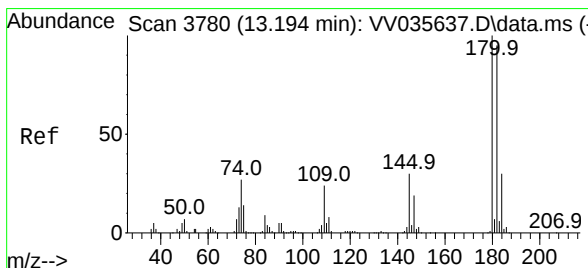
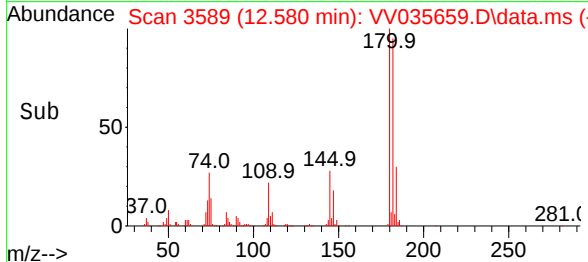
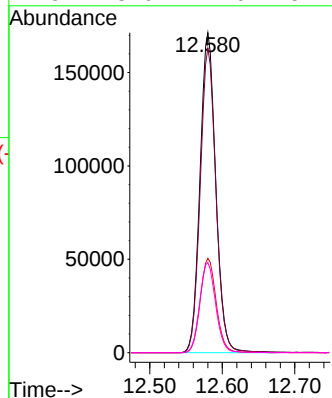
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

184 29.9 24.1 36.1

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 24.043 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

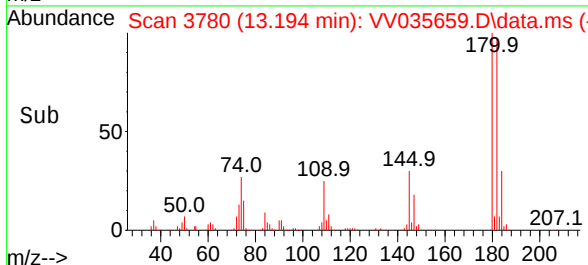
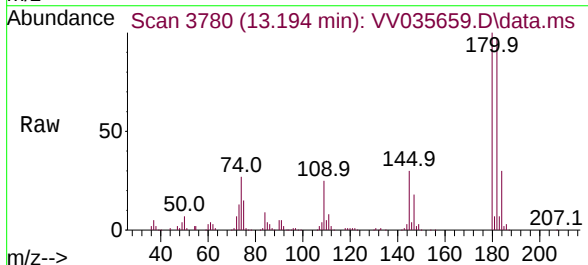
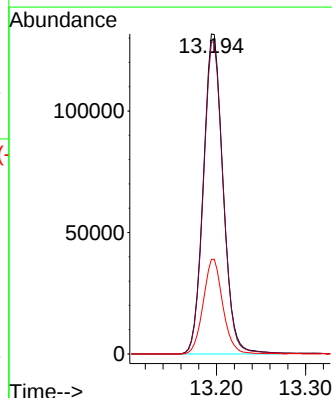
Tgt Ion:180 Resp: 202657

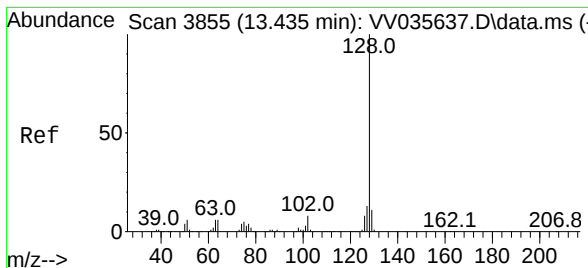
Ion Ratio Lower Upper

180 100

182 97.6 76.6 114.8

145 29.4 23.2 34.8





#71

Naphthalene

Concen: 26.641 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

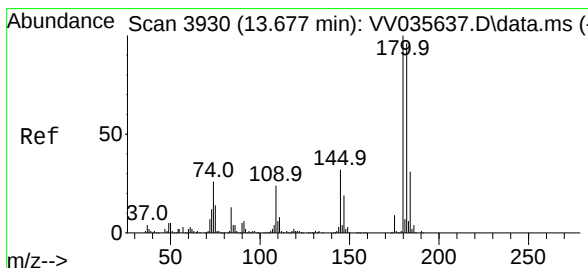
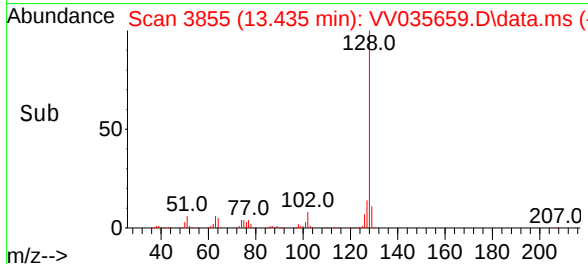
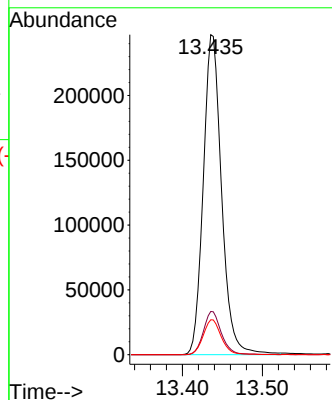
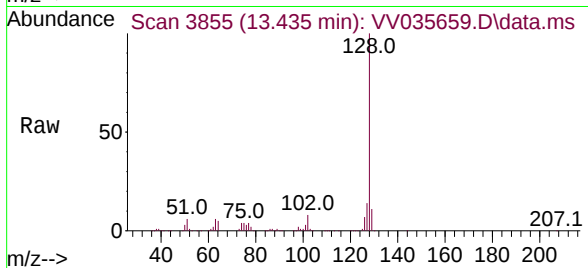
Tgt Ion:128 Resp: 394216

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.560 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035659.D

Acq: 21 May 2024 23:18

Tgt Ion:180 Resp: 208982

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 31.7 25.2 37.8

