

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035914.D
 Acq On : 31 May 2024 08:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 22:56:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	488345	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	496425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	277316	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	200811	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
7) Chloroethane-d5	1.529	69	160964	22.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.920%
11) 1,1-Dichloroethene-d2	2.053	65	87999	22.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.080%
21) 2-Butanone-d5	3.847	46	87873	42.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.320%
24) Chloroform-d	4.239	84	342856	22.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	4.934	65	179314	22.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.120%
32) Benzene-d6	4.953	84	673885	22.837	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	5.982	67	206770	22.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	7.236	98	613317	23.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	7.548	79	85924	22.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.200%
47) 2-Hexanone-d5	8.030	63	58638	46.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	147240	21.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	223441	21.972	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	220651	25.059	ug/L	100
3) Chloromethane	1.214	50	254047	25.140	ug/L	100
5) Vinyl chloride	1.278	62	268819	25.269	ug/L	99
6) Bromomethane	1.484	94	163143	24.720	ug/L	99
8) Chloroethane	1.545	64	164151	24.824	ug/L	100
9) Trichlorofluoromethane	1.709	101	330605	25.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	209744	25.015	ug/L	100
12) 1,1-Dichloroethene	2.063	96	193889	24.794	ug/L	96
13) Acetone	2.153	43	159592	49.736	ug/L	97
14) Carbon disulfide	2.233	76	671722	24.735	ug/L	100
15) Methyl Acetate	2.384	43	92689	23.240	ug/L	100
16) Methylene chloride	2.442	84	227783	20.613	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	206175	24.819	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	470177	25.212	ug/L	100
19) 1,1-Dichloroethane	3.104	63	390724	24.699	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	205219	24.586	ug/L	99
22) 2-Butanone	3.905	43	138616	50.911	ug/L	96
23) Bromochloromethane	4.140	128	104191	24.885	ug/L	98
25) Chloroform	4.268	83	398150	24.466	ug/L	100

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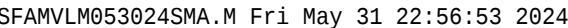
Instrument :
 MSVOA_V
 ClientSampleId :

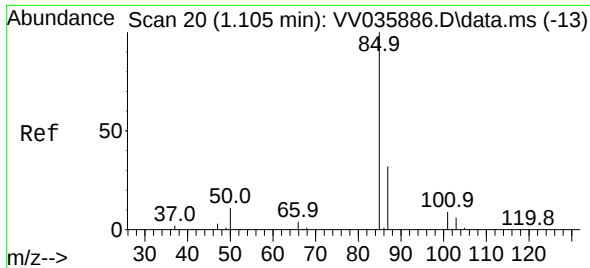
Quant Time: May 31 22:56:41 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	261676	25.756	ug/L	100
29) Cyclohexane	4.577	56	316541	26.781	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	337085	24.838	ug/L	99
31) Carbon tetrachloride	4.728	117	299922	25.191	ug/L	99
33) Benzene	5.002	78	838089	25.813	ug/L	100
34) Trichloroethene	5.828	95	252414	25.366	ug/L	98
35) Methylcyclohexane	6.043	83	371973	27.031	ug/L	99
37) 1,2-Dichloropropane	6.085	63	222649	26.116	ug/L	100
38) Bromodichloromethane	6.426	83	279487	24.768	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	322919	25.325	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	243244	52.515	ug/L	99
42) Toluene	7.310	91	889308	26.806	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	287210	26.077	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	173984	24.665	ug/L	99
46) Tetrachloroethene	7.899	164	181853	24.988	ug/L	99
48) 2-Hexanone	8.075	43	211652	58.450	ug/L	97
49) Dibromochloromethane	8.172	129	192174	24.892	ug/L	100
50) 1,2-Dibromoethane	8.278	107	170140	25.137	ug/L	99
51) Chlorobenzene	8.808	112	567463	25.104	ug/L	99
52) Ethylbenzene	8.940	91	948347	26.718	ug/L	100
53) m,p-Xylene	9.069	106	364884	27.358	ug/L	99
54) o-Xylene	9.474	106	335244	26.654	ug/L	99
55) Styrene	9.490	104	621756	28.033	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	151647	24.009	ug/L	98
59) Bromoform	9.660	173	126550	24.198	ug/L	99
60) Isopropylbenzene	9.863	105	936188	26.314	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	160446	24.463	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	679787	26.350	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	761285	27.388	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	471189	25.219	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	488402	25.325	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	438832	24.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	36888	25.152	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	362092	25.908	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	293650	26.685	ug/L	98
71) Naphthalene	13.435	128	502033	27.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	290574	28.936	ug/L	99

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

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Response via : Initial Calibration

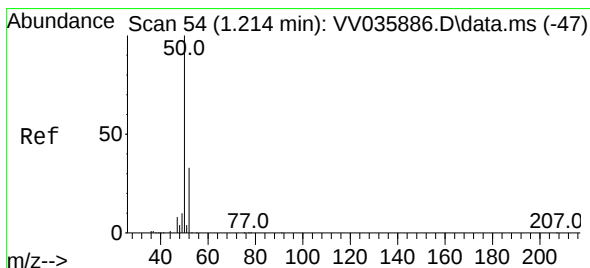
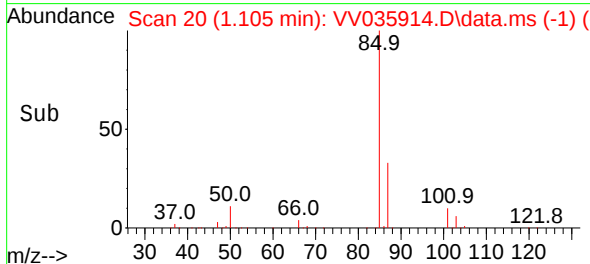
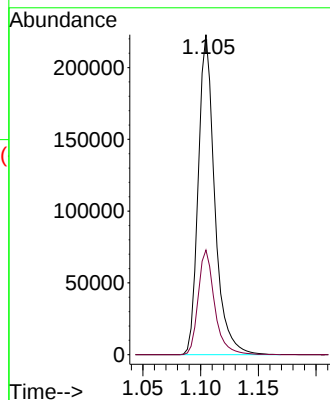
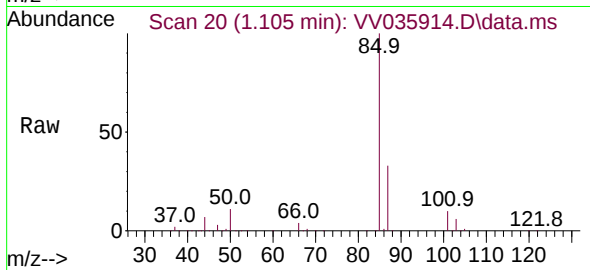




#2
 Dichlorodifluoromethane
 Concen: 25.059 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035914.D
 Acq: 31 May 2024 08:24

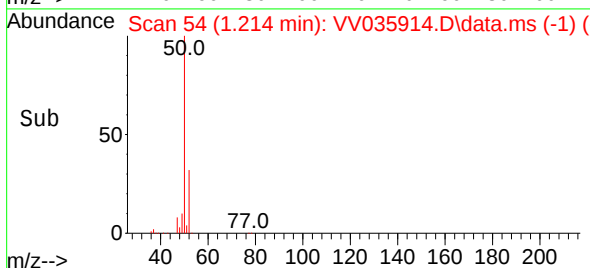
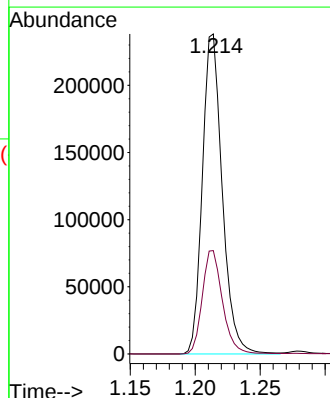
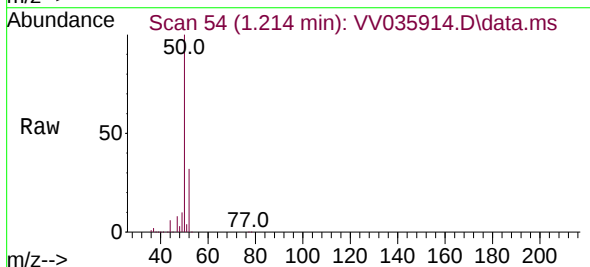
Instrument :
 MSVOA_V
 ClientSampleId :

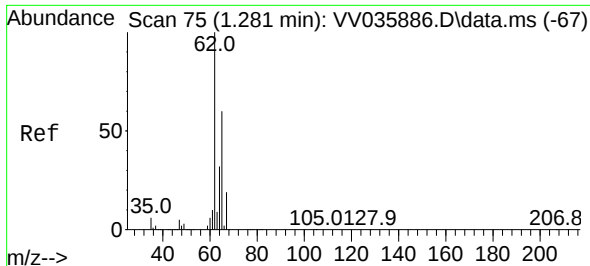
Tgt Ion: 85 Resp: 220651
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 25.140 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035914.D
 Acq: 31 May 2024 08:24

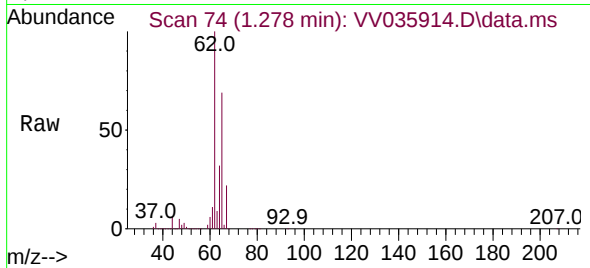
Tgt Ion: 50 Resp: 254047
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.8 42.4



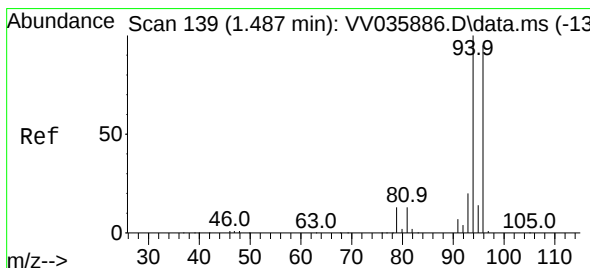
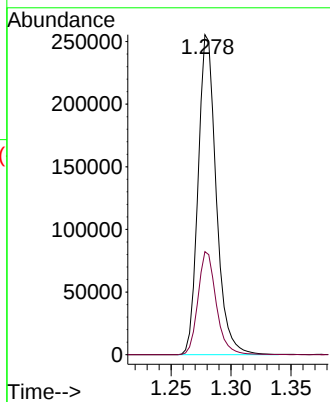
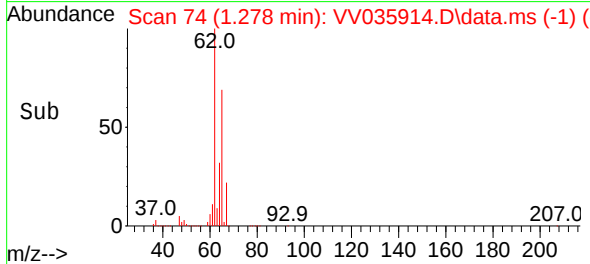


#5
 Vinyl chloride
 Concen: 25.269 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV035914.D
 Acq: 31 May 2024 08:24

Instrument :
 MSVOA_V
 ClientSampleId :

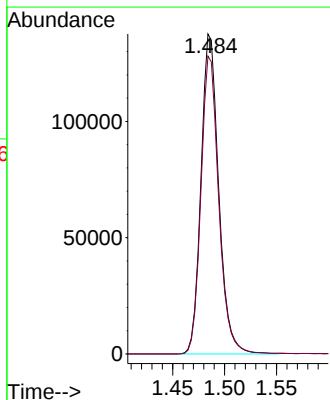
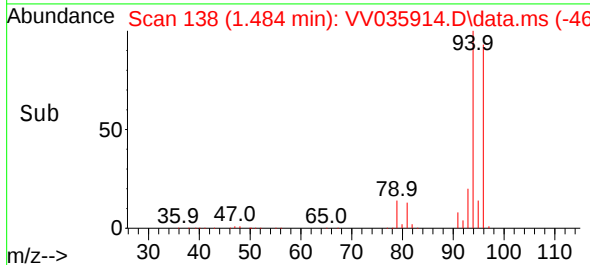
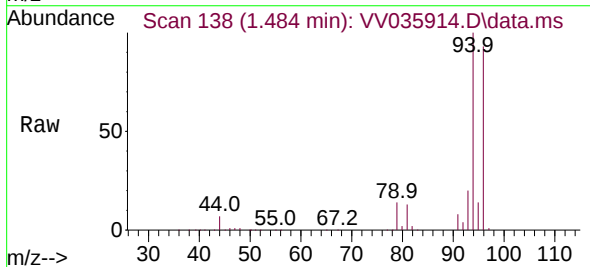


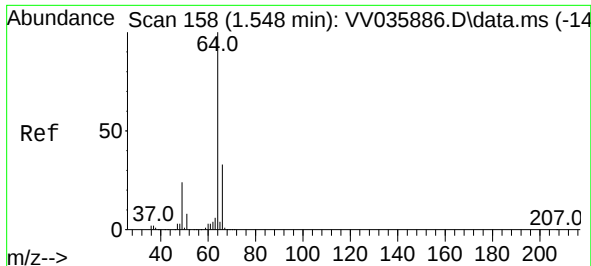
Tgt Ion: 62 Resp: 268819
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 24.720 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV035914.D
 Acq: 31 May 2024 08:24

Tgt Ion: 94 Resp: 163143
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.7 122.1

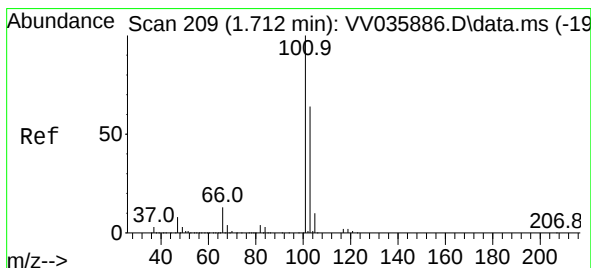
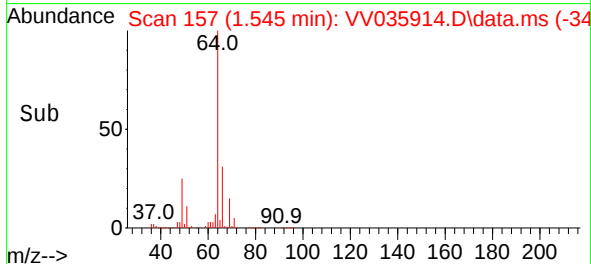
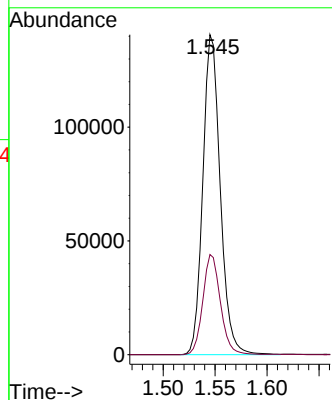
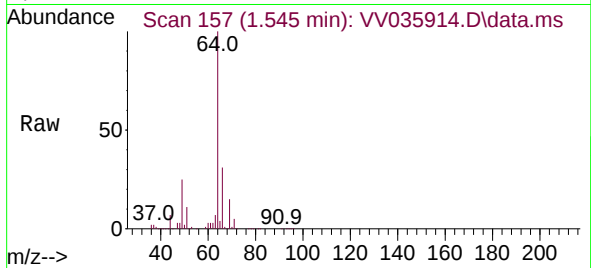




#8
Chloroethane
Concen: 24.824 ug/L
RT: 1.545 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

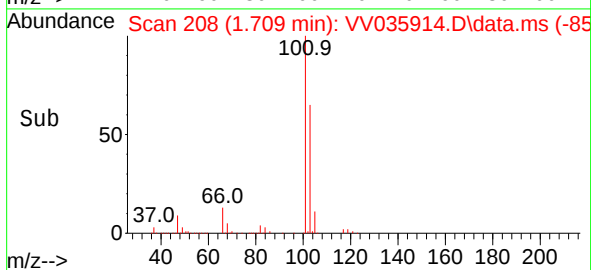
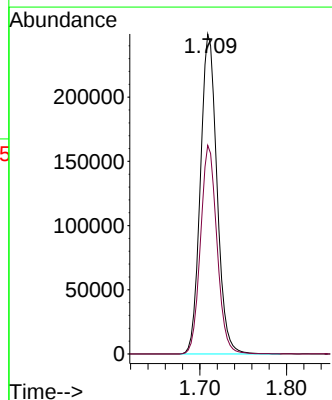
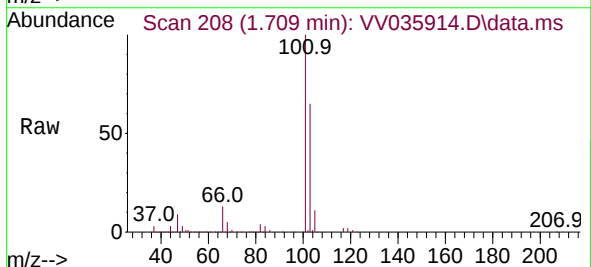
Instrument :
MSVOA_V
ClientSampleId :

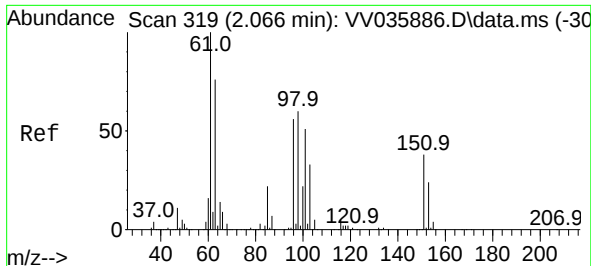
Tgt Ion: 64 Resp: 164151
Ion Ratio Lower Upper
64 100
66 31.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.024 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion:101 Resp: 330605
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

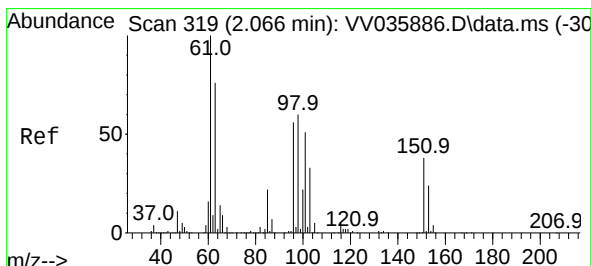
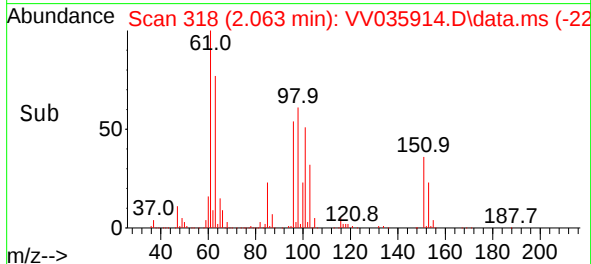
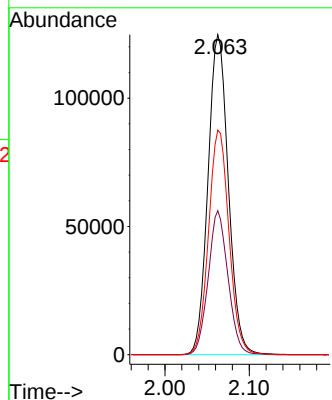
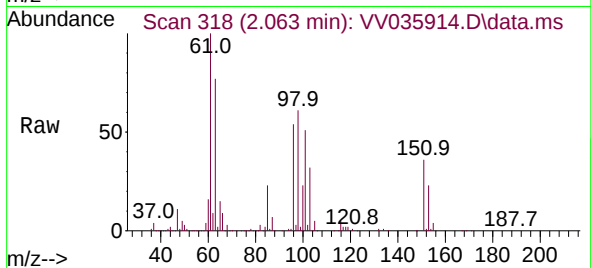




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.015 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

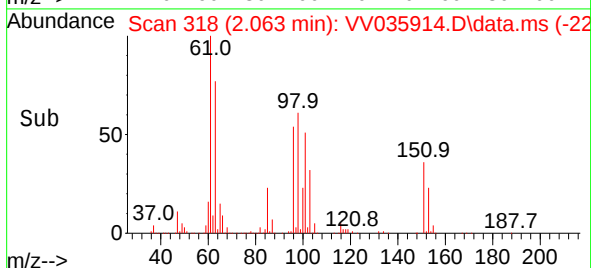
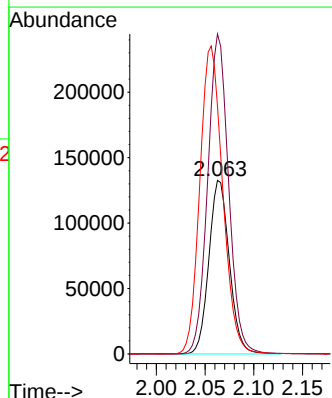
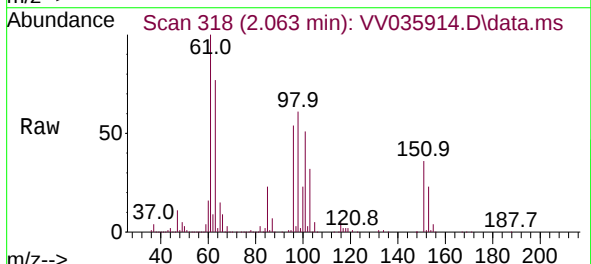
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ClientSampleId :

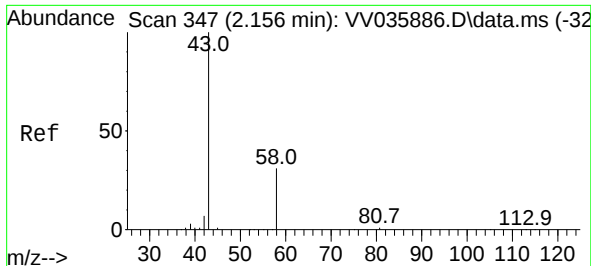
Tgt Ion:101 Resp: 209744
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 70.5 56.3 84.5



#12
1,1-Dichloroethene
Concen: 24.794 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion: 96 Resp: 193889
Ion Ratio Lower Upper
96 100
61 184.4 127.3 236.3
63 142.7 93.7 173.9





#13

Acetone

Concen: 49.736 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

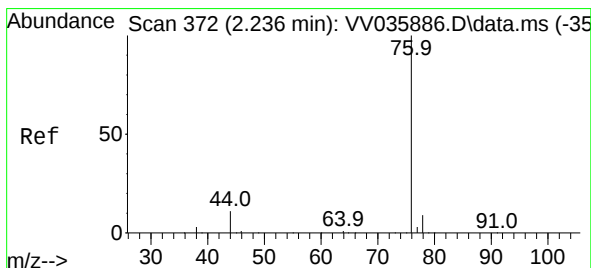
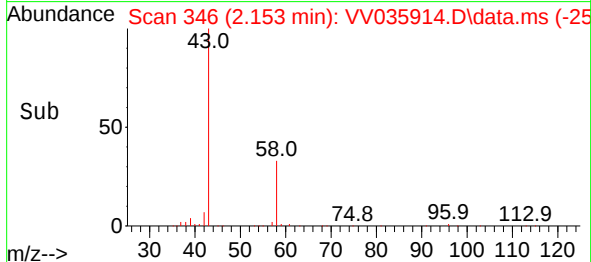
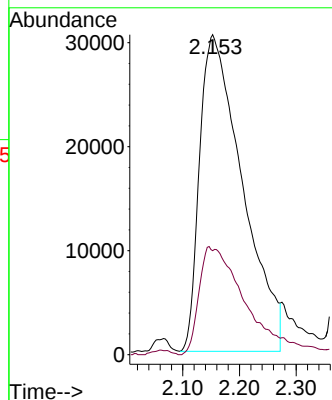
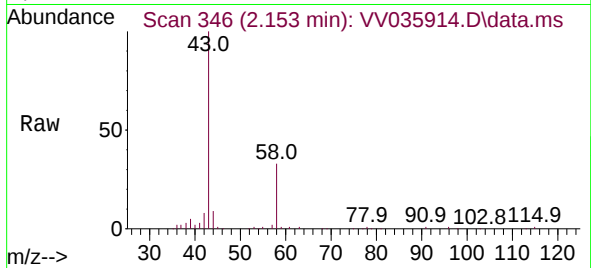
ClientSampleId :

Tgt Ion: 43 Resp: 159592

Ion Ratio Lower Upper

43 100

58 11.1 0.0 24.2



#14

Carbon disulfide

Concen: 24.735 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV035914.D

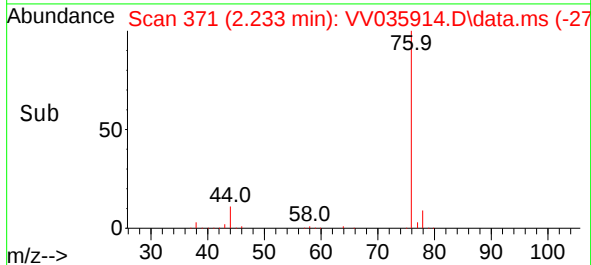
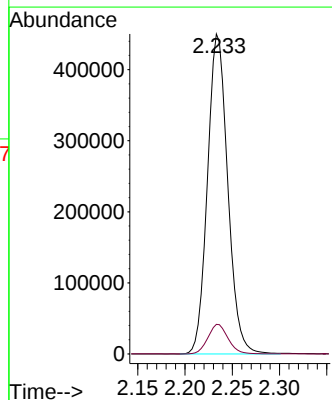
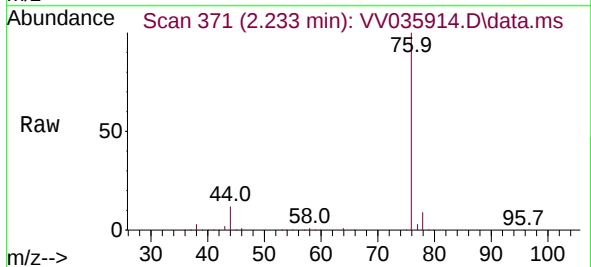
Acq: 31 May 2024 08:24

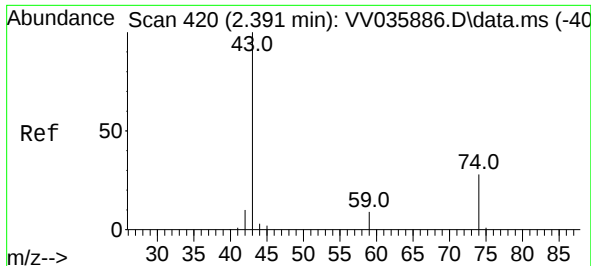
Tgt Ion: 76 Resp: 671722

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 23.240 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

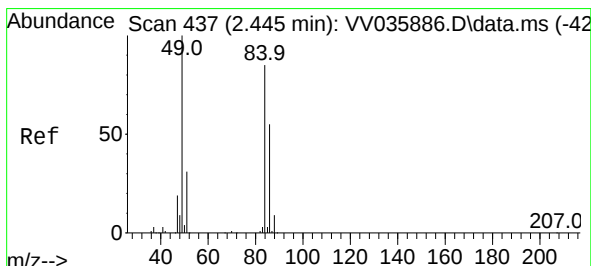
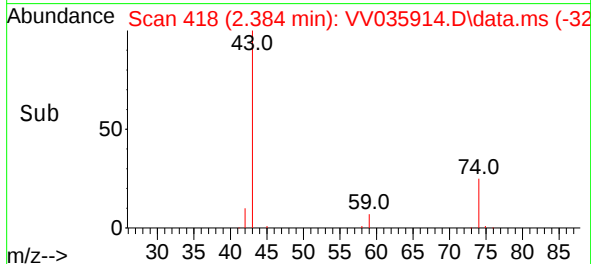
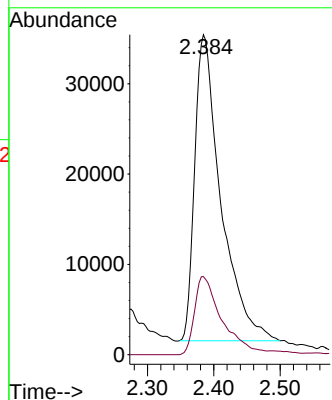
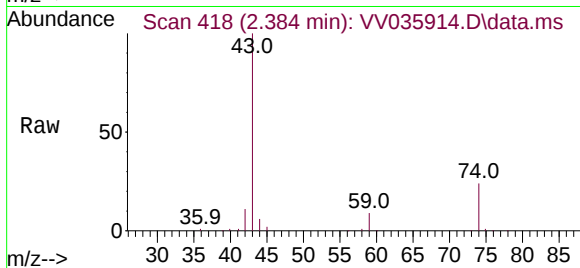
ClientSampleId :

Tgt Ion: 43 Resp: 92689

Ion Ratio Lower Upper

43 100

74 26.7 21.4 32.2



#16

Methylene chloride

Concen: 20.613 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

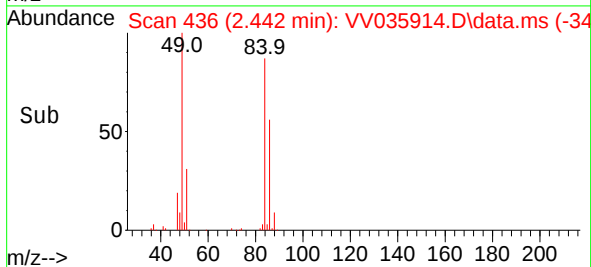
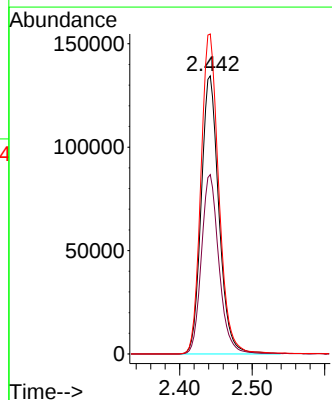
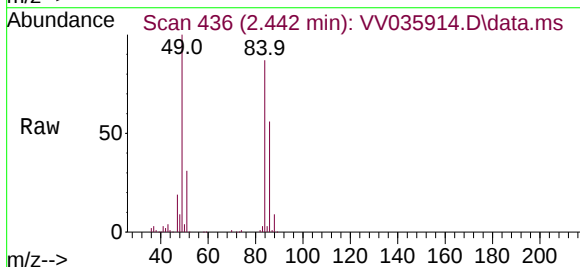
Tgt Ion: 84 Resp: 227783

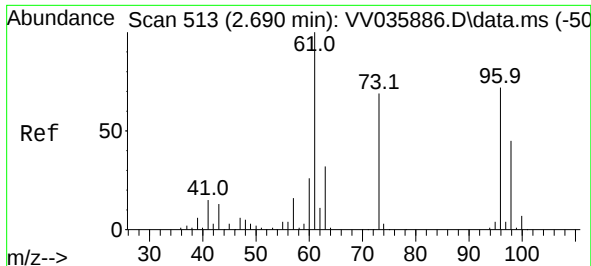
Ion Ratio Lower Upper

84 100

86 64.5 44.6 82.8

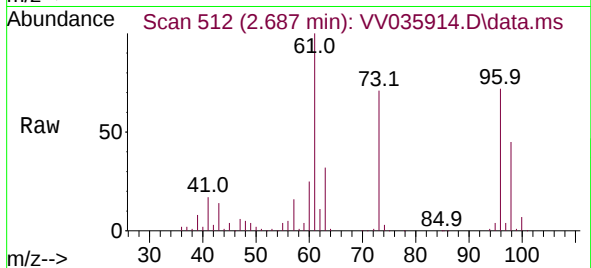
49 115.1 81.1 150.5



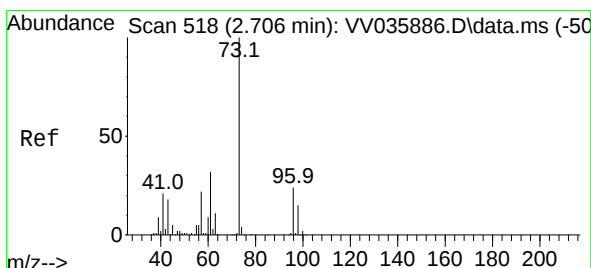
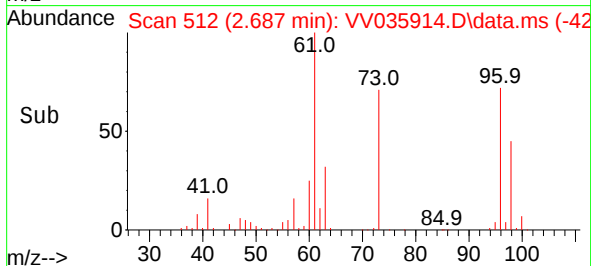
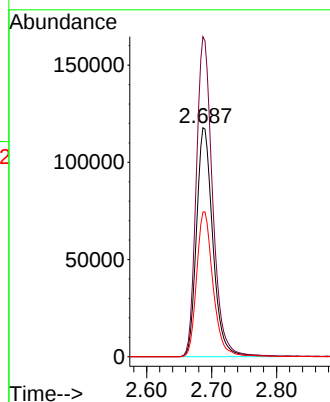


#17
trans-1,2-Dichloroethene
Concen: 24.819 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Instrument :
MSVOA_V
ClientSampleId :

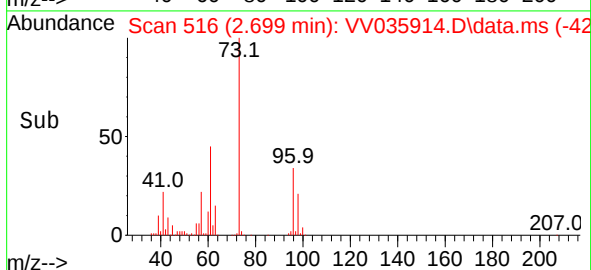
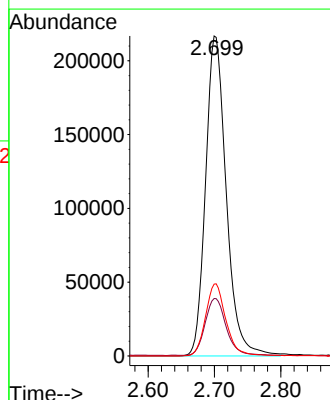
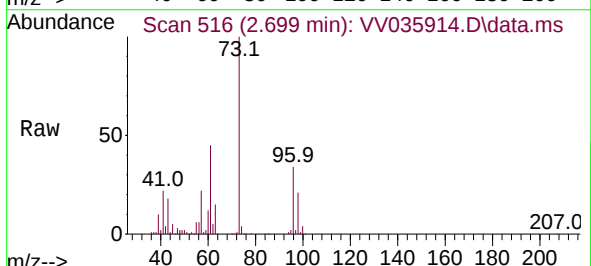


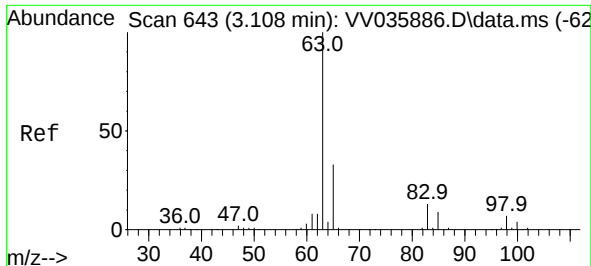
Tgt Ion: 96 Resp: 206175
Ion Ratio Lower Upper
96 100
61 139.8 99.4 184.6
98 63.2 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 25.212 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.006 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion: 73 Resp: 470177
Ion Ratio Lower Upper
73 100
43 18.1 14.3 21.5
57 22.2 17.8 26.6





#19

1,1-Dichloroethane

Concen: 24.699 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

ClientSampleId :

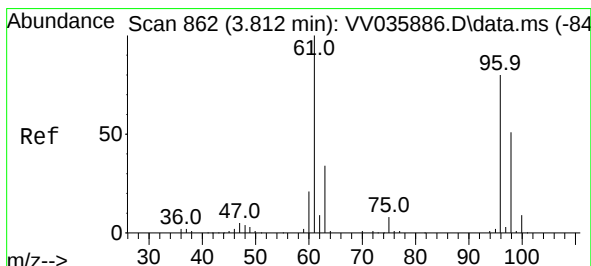
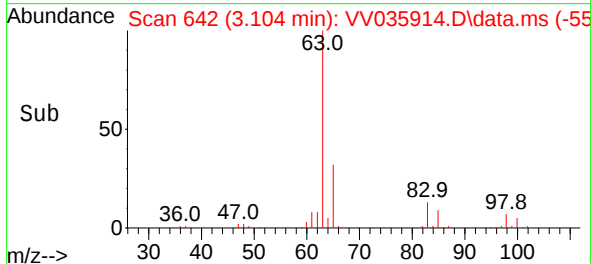
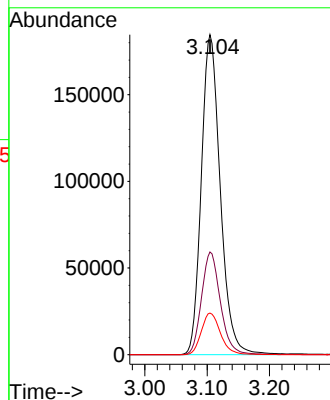
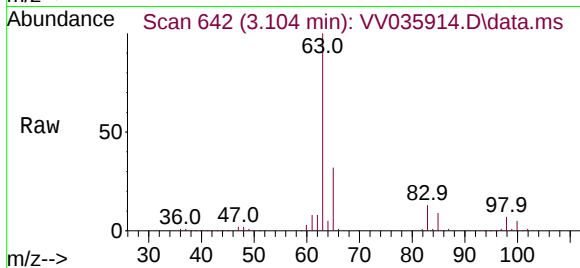
Tgt Ion: 63 Resp: 390724

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 13.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.586 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

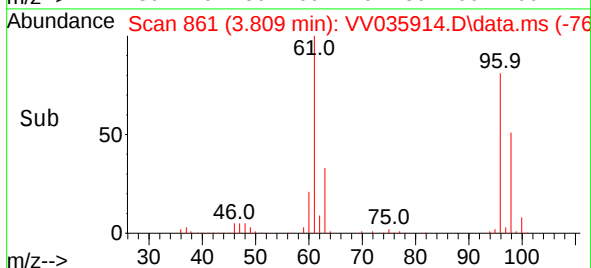
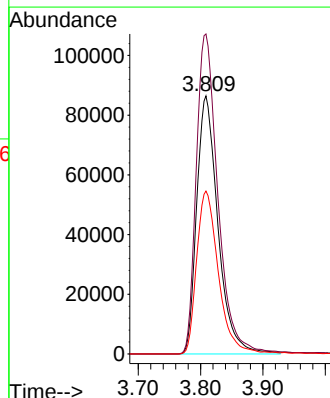
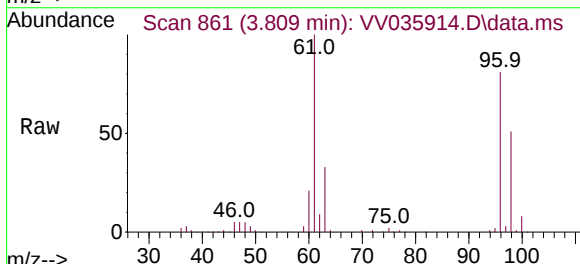
Tgt Ion: 96 Resp: 205219

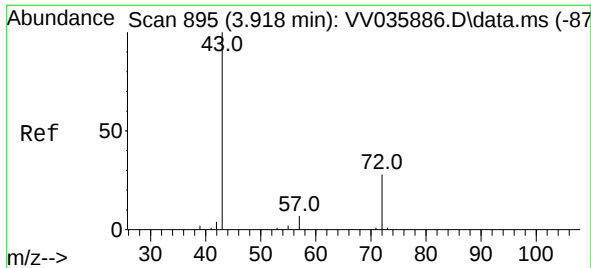
Ion Ratio Lower Upper

96 100

61 124.0 87.9 163.3

98 63.1 44.4 82.5

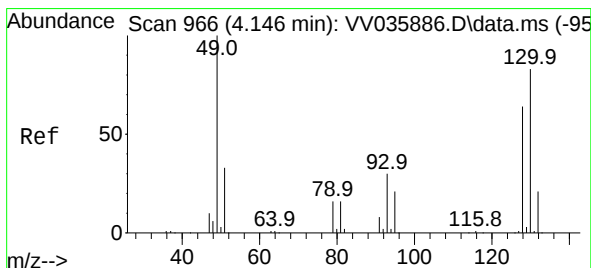
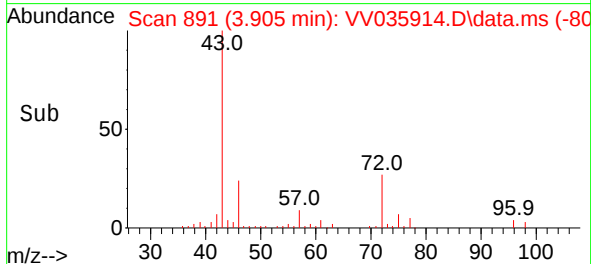
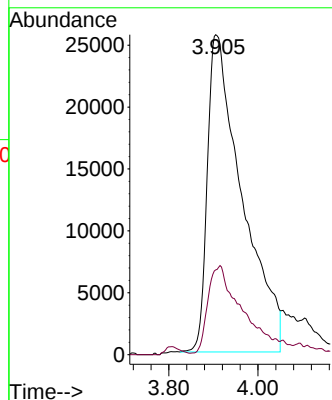
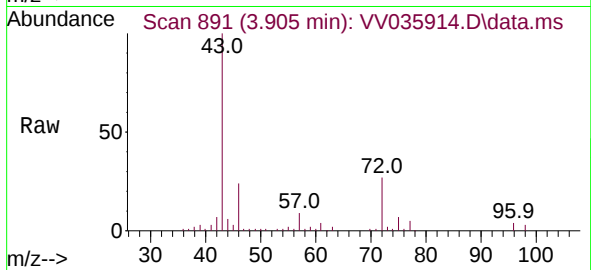




#22
2-Butanone
Concen: 50.911 ug/L
RT: 3.905 min Scan# 895
Delta R.T. -0.013 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

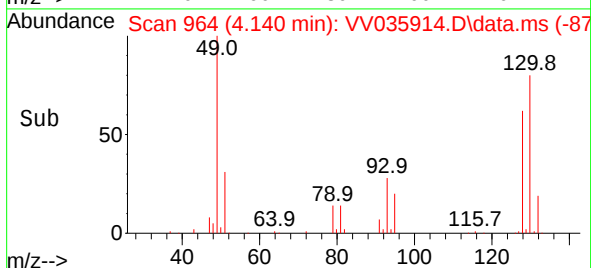
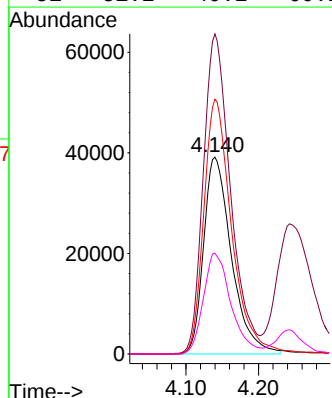
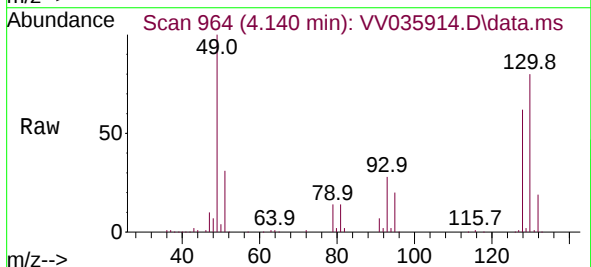
Instrument :
MSVOA_V
ClientSampleId :

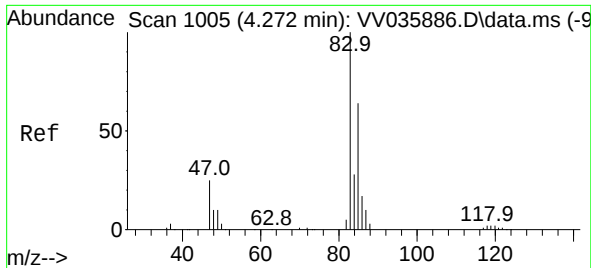
Tgt Ion: 43 Resp: 138616
Ion Ratio Lower Upper
43 100
72 18.1 8.2 24.4



#23
Bromochloromethane
Concen: 24.885 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.006 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion:128 Resp: 104191
Ion Ratio Lower Upper
128 100
49 162.6 110.2 204.6
130 129.4 90.2 167.4
51 51.2 40.2 60.2





#25

Chloroform

Concen: 24.466 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

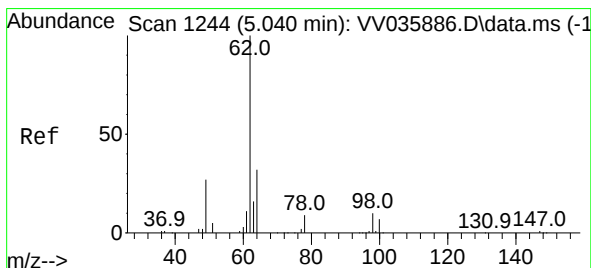
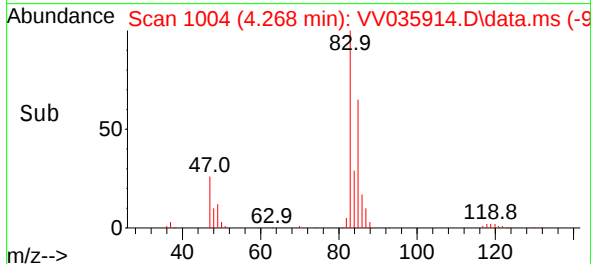
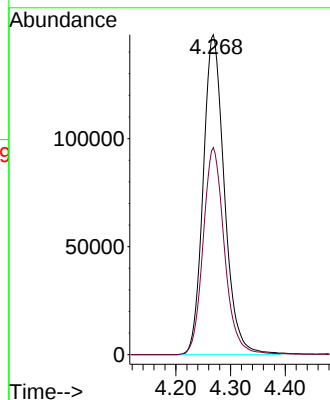
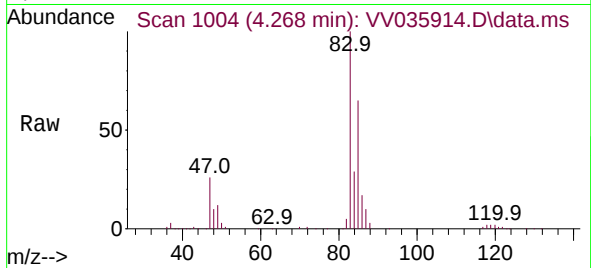
ClientSampleId :

Tgt Ion: 83 Resp: 398150

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 25.756 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VV035914.D

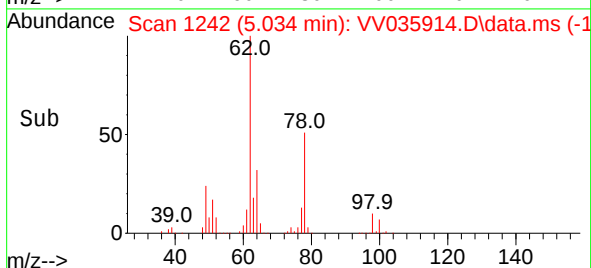
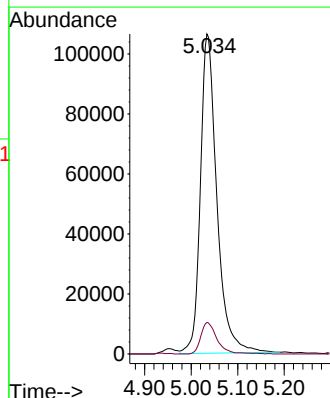
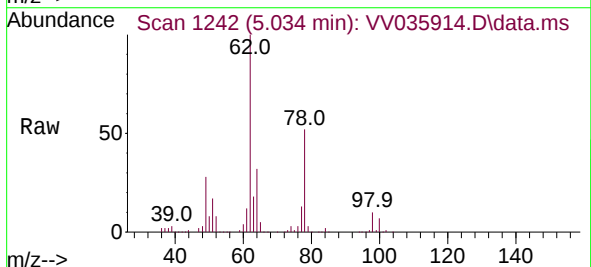
Acq: 31 May 2024 08:24

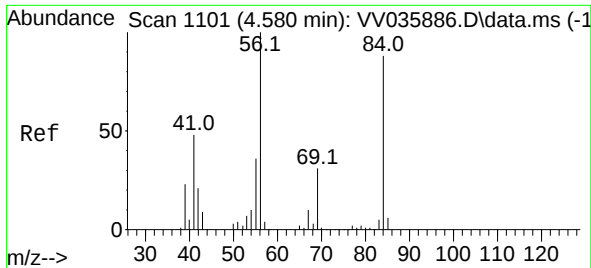
Tgt Ion: 62 Resp: 261676

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 26.781 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

ClientSampleId :

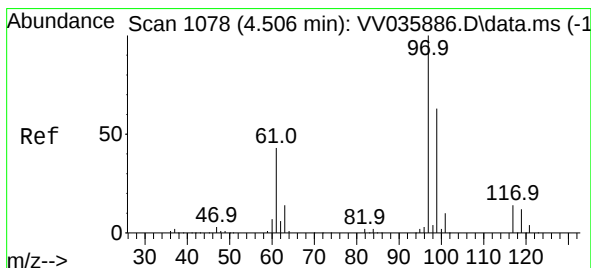
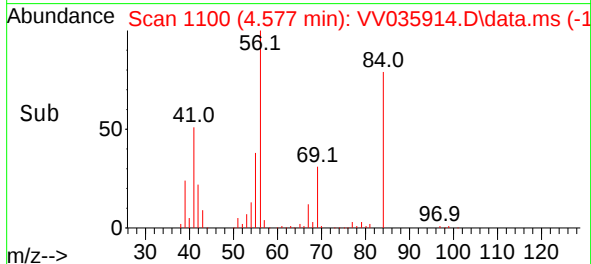
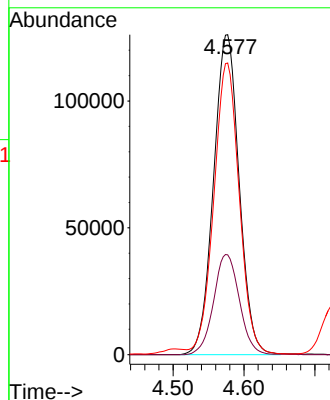
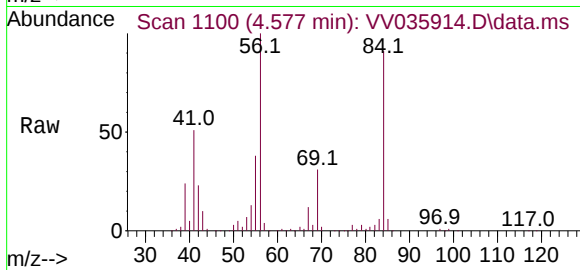
Tgt Ion: 56 Resp: 316541

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 90.5 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 24.838 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

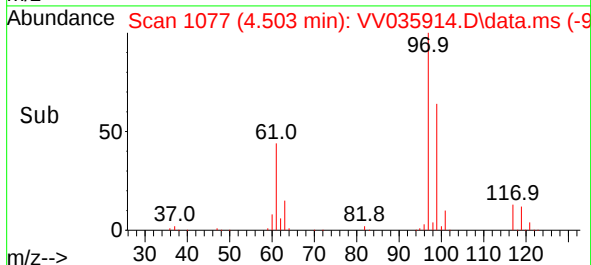
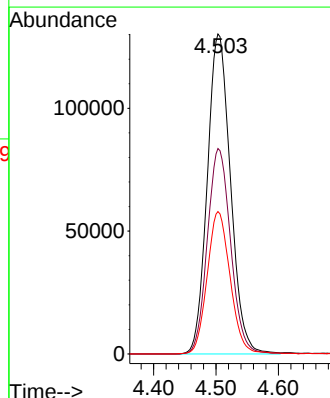
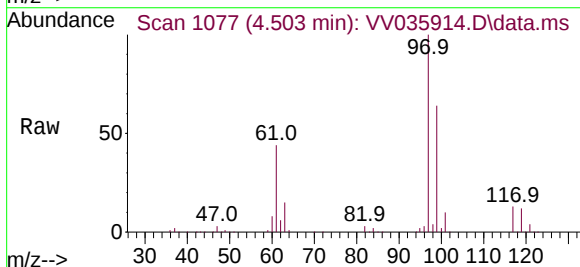
Tgt Ion: 97 Resp: 337085

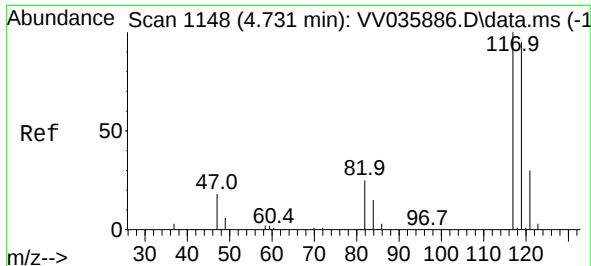
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 44.1 35.0 52.6





#31

Carbon tetrachloride

Concen: 25.191 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

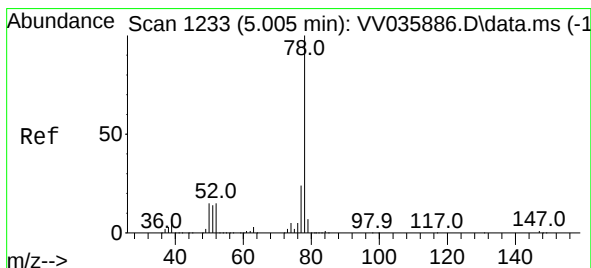
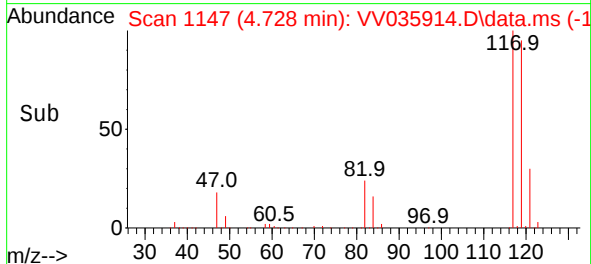
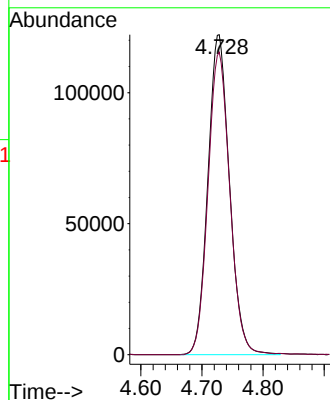
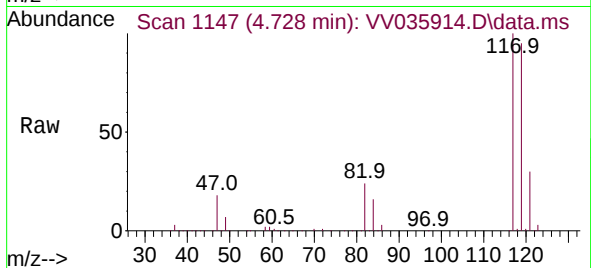
ClientSampleId :

Tgt Ion:117 Resp: 299922

Ion Ratio Lower Upper

117 100

119 95.4 76.8 115.2



#33

Benzene

Concen: 25.813 ug/L

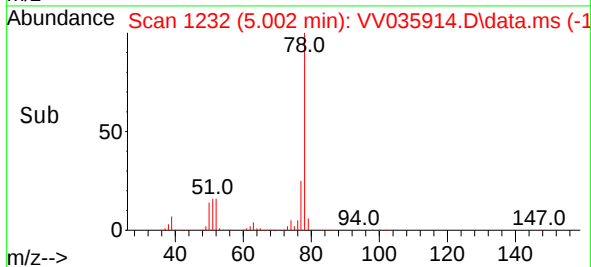
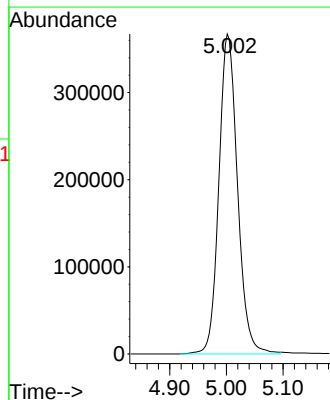
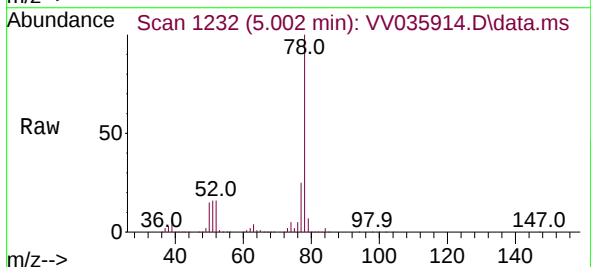
RT: 5.002 min Scan# 1232

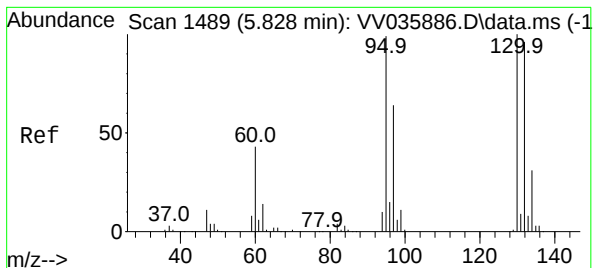
Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Tgt Ion: 78 Resp: 838089





#34

Trichloroethene

Concen: 25.366 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 252414

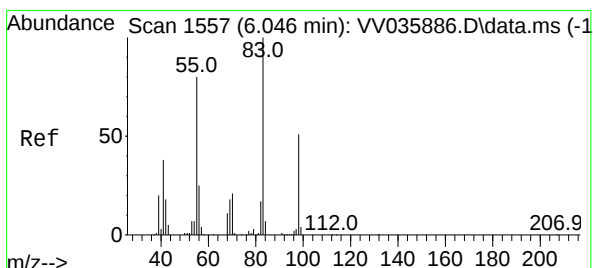
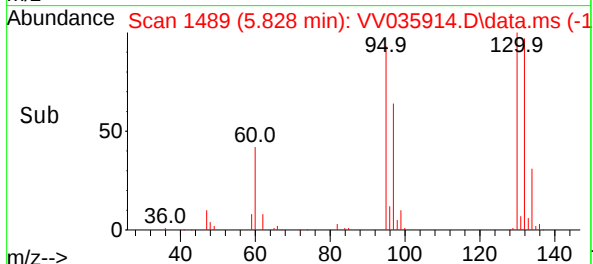
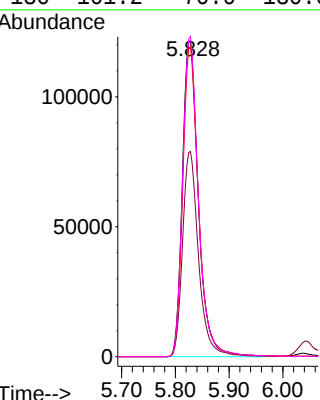
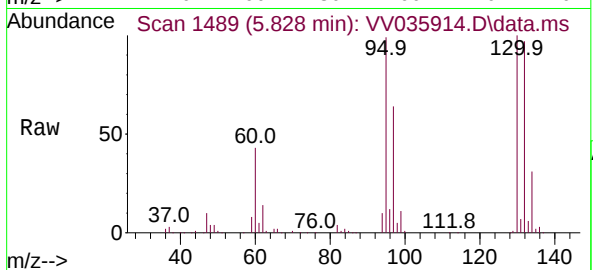
Ion Ratio Lower Upper

95 100

97 65.0 44.8 83.2

132 98.2 66.8 124.2

130 101.2 70.0 130.0



#35

Methylcyclohexane

Concen: 27.031 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

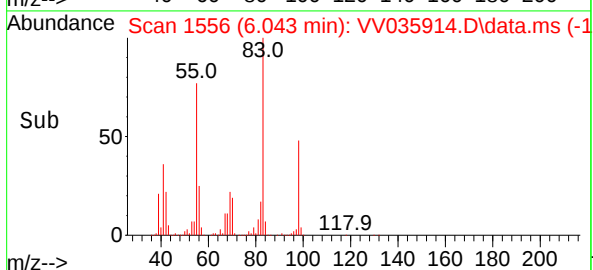
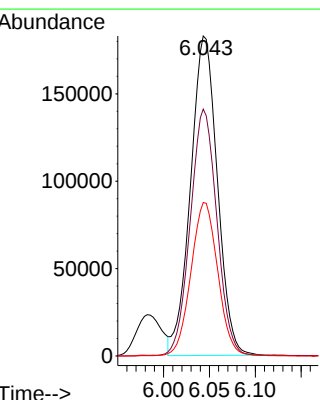
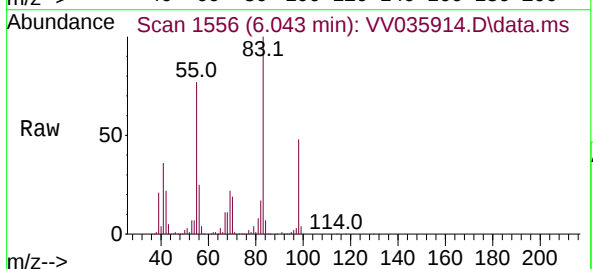
Tgt Ion: 83 Resp: 371973

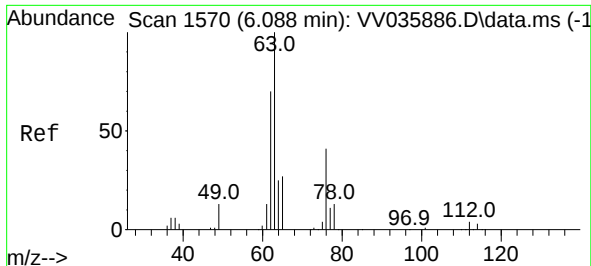
Ion Ratio Lower Upper

83 100

55 76.7 60.7 91.1

98 47.8 38.7 58.1

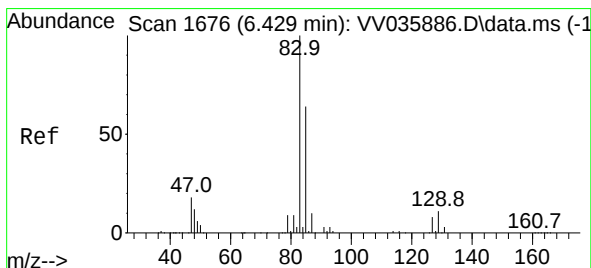
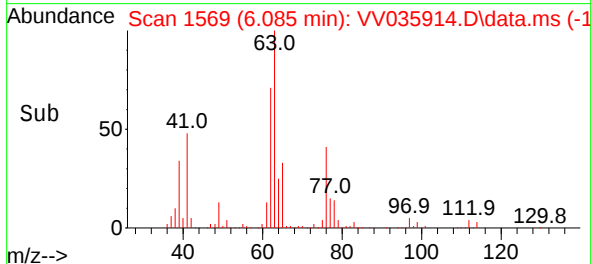
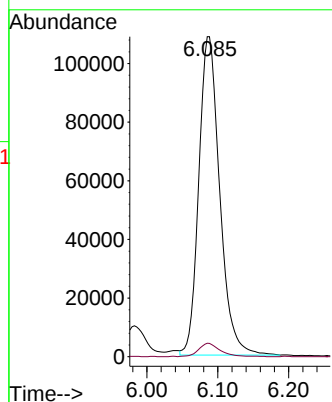
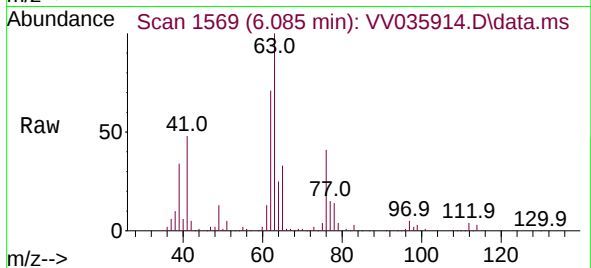




#37
1,2-Dichloropropane
Concen: 26.116 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

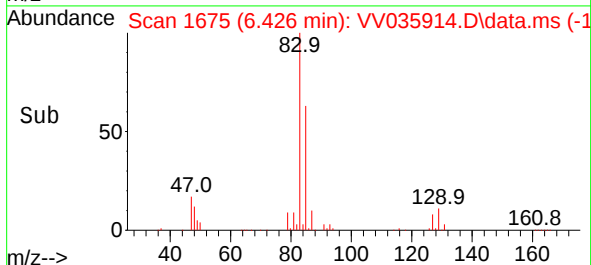
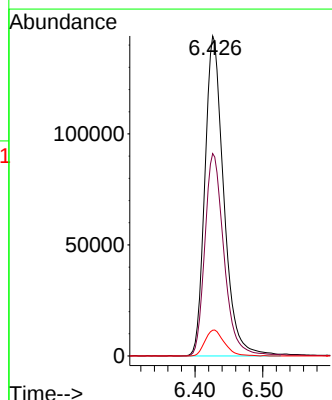
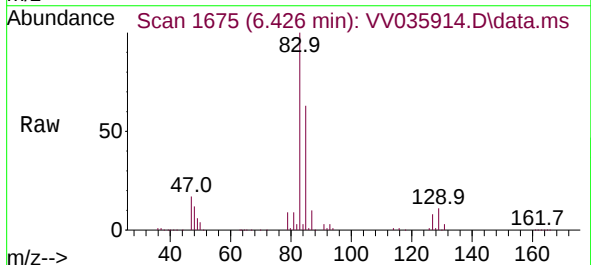
Instrument :
MSVOA_V
ClientSampleId :

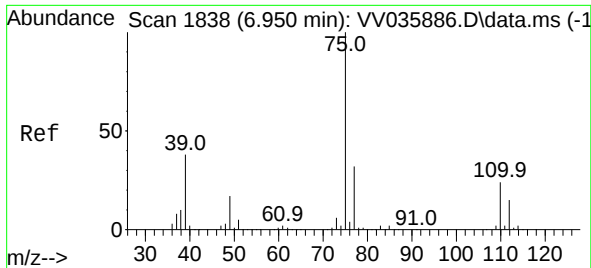
Tgt Ion: 63 Resp: 222649
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 24.768 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion: 83 Resp: 279487
Ion Ratio Lower Upper
83 100
85 63.3 45.3 84.1
127 8.1 6.7 10.1

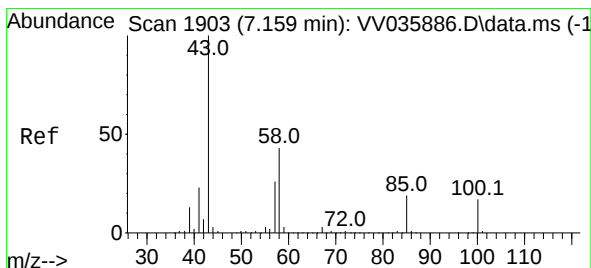
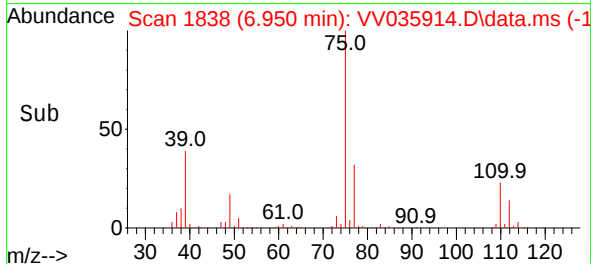
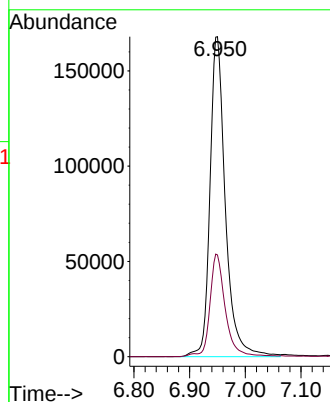
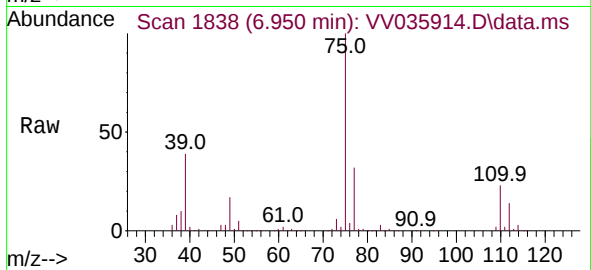




#39
cis-1,3-Dichloropropene
Concen: 25.325 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

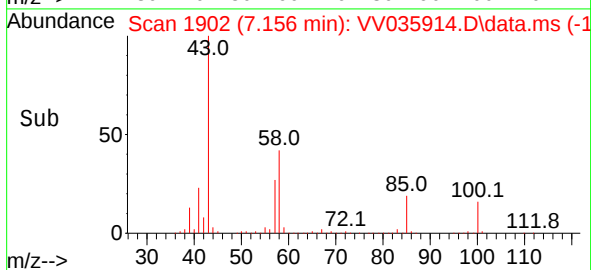
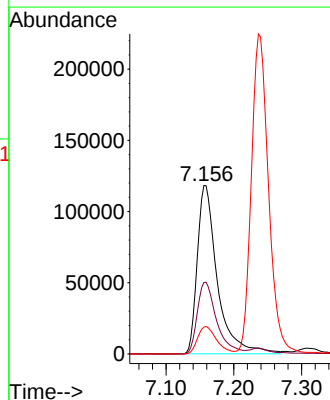
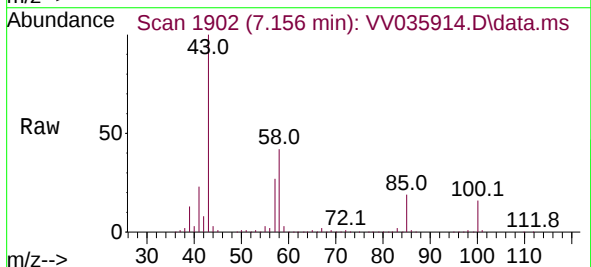
Instrument :
MSVOA_V
ClientSampleId :

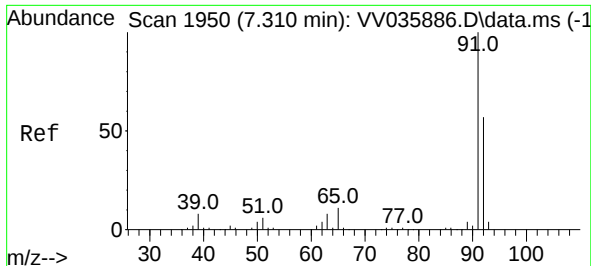
Tgt Ion: 75 Resp: 322919
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 52.515 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion: 43 Resp: 243244
Ion Ratio Lower Upper
43 100
58 41.0 32.5 48.7
100 15.5 12.5 18.7





#42

Toluene

Concen: 26.806 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

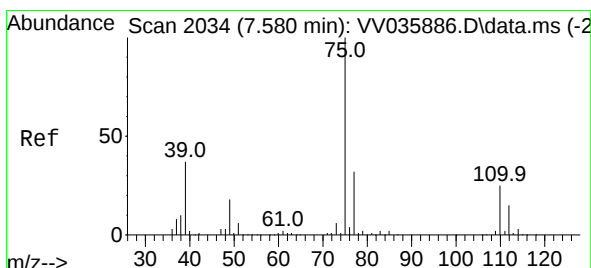
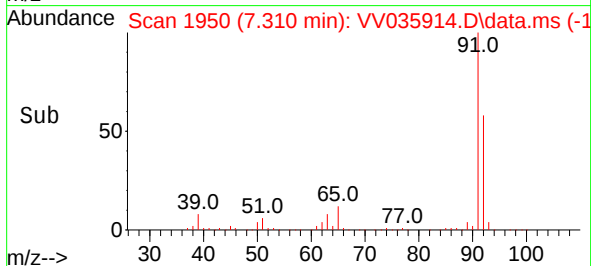
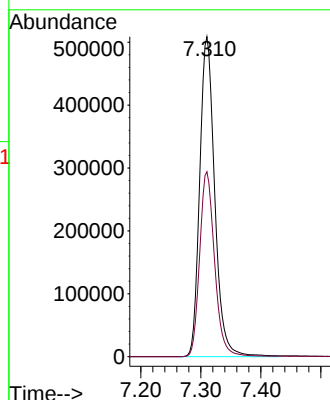
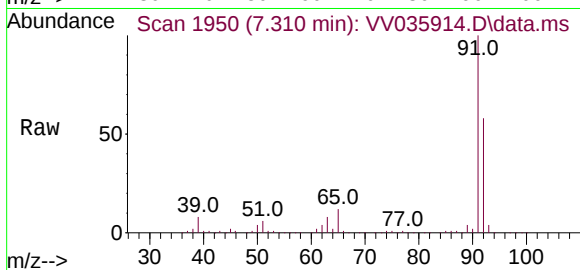
ClientSampleId :

Tgt Ion: 91 Resp: 889308

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 26.077 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035914.D

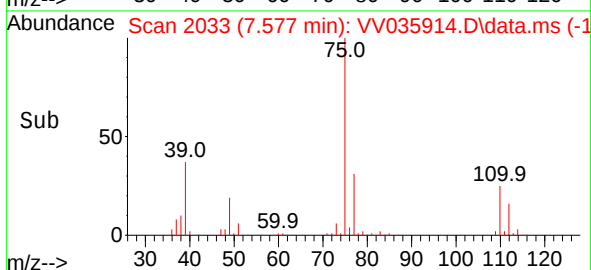
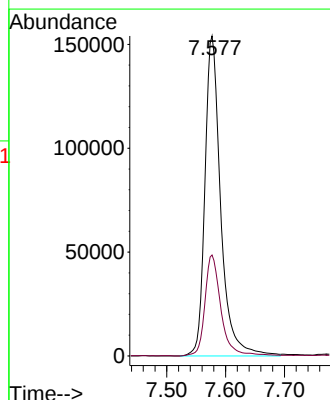
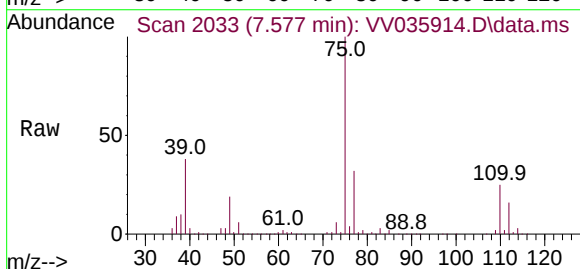
Acq: 31 May 2024 08:24

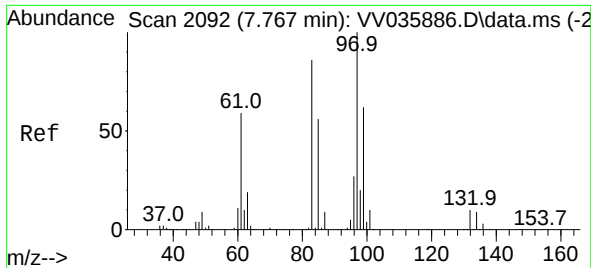
Tgt Ion: 75 Resp: 287210

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

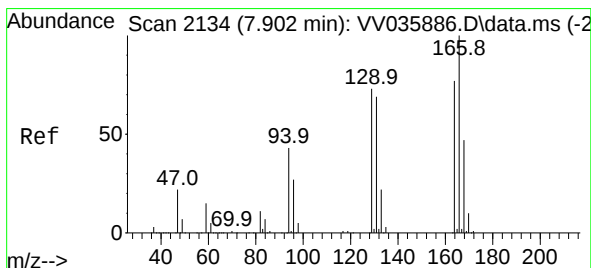
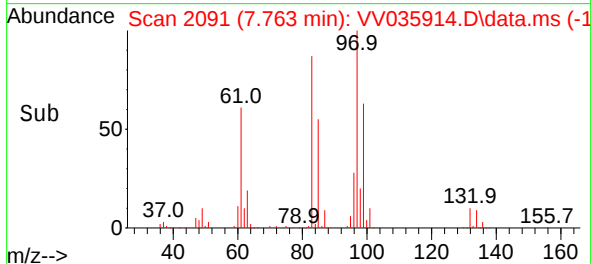
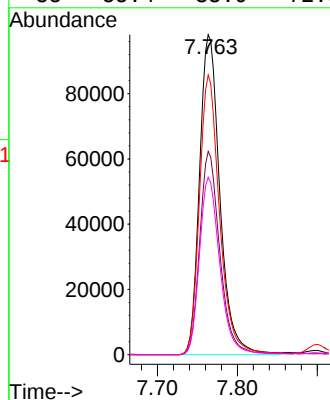
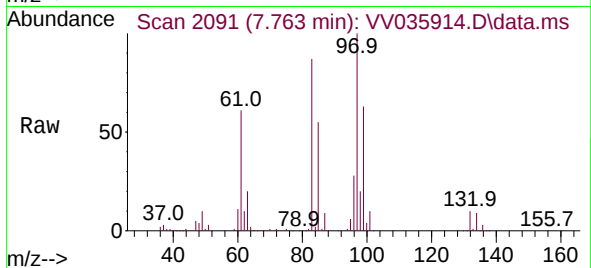




#45
1,1,2-Trichloroethane
Concen: 24.665 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

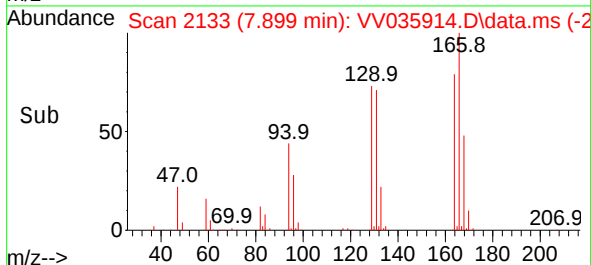
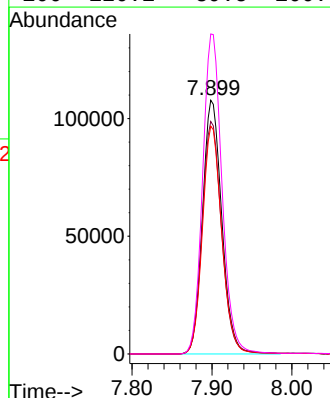
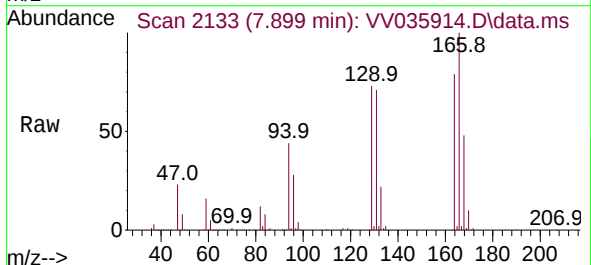
Instrument :
MSVOA_V
ClientSampleId :

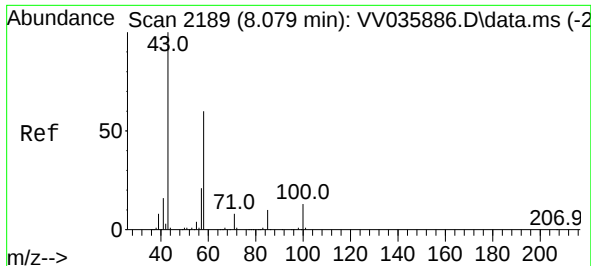
Tgt Ion:	97	Resp:	173984
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.3	80.5
83	87.4	60.1	111.7
85	55.4	38.9	72.3



#46
Tetrachloroethene
Concen: 24.988 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

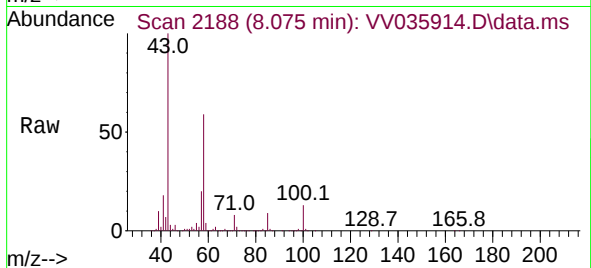
Tgt Ion:	164	Resp:	181853
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.6	120.0
131	89.8	63.2	117.4
166	126.1	89.5	166.3



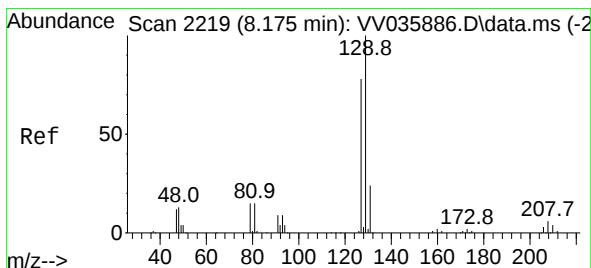
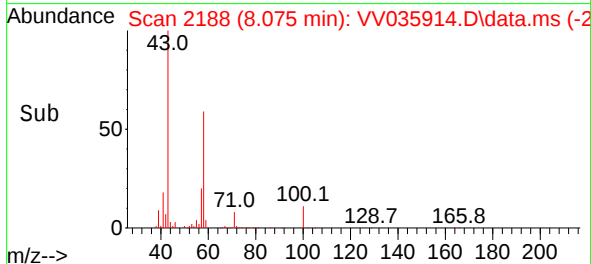
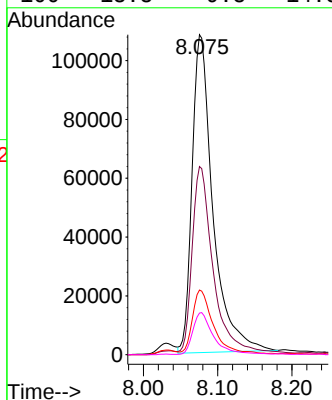


#48
2-Hexanone
Concen: 58.450 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Instrument :
MSVOA_V
ClientSampleId :

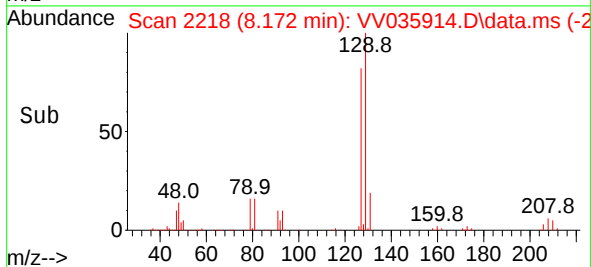
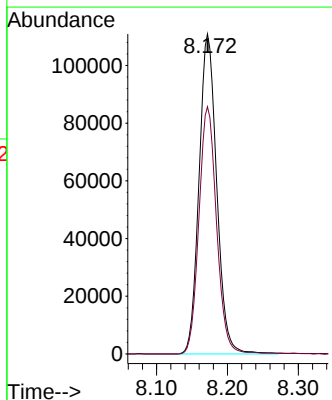
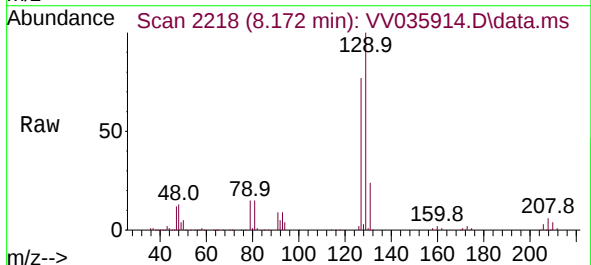


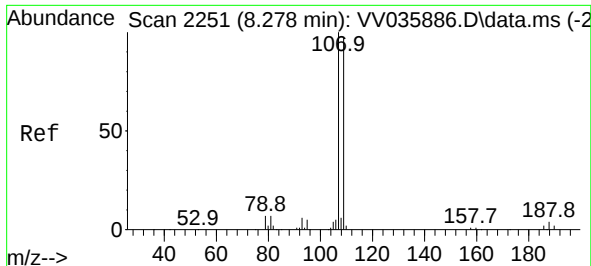
Tgt Ion: 43 Resp: 211652
Ion Ratio Lower Upper
43 100
58 59.4 45.4 68.0
57 19.8 15.8 23.8
100 13.3 9.8 14.8



#49
Dibromochloromethane
Concen: 24.892 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

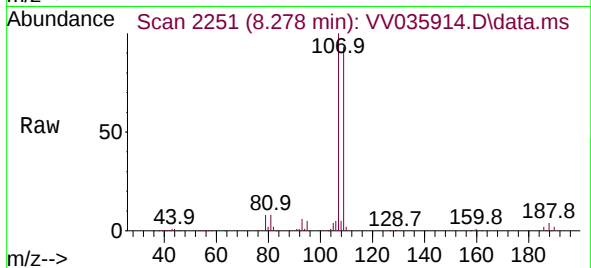
Tgt Ion: 129 Resp: 192174
Ion Ratio Lower Upper
129 100
127 77.2 53.9 100.1



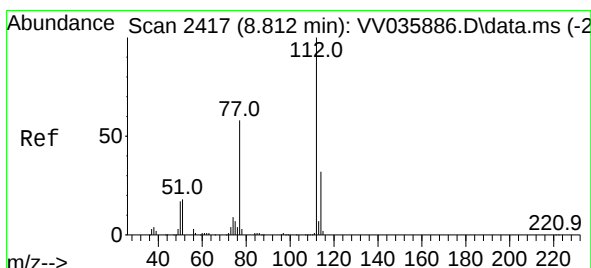
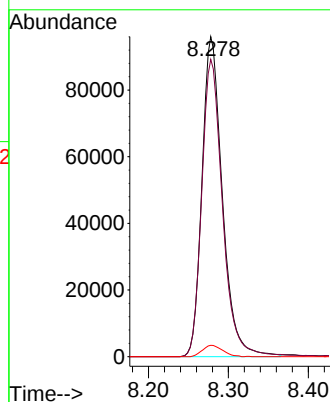
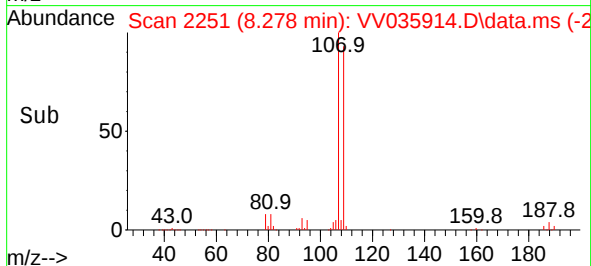


#50
1,2-Dibromoethane
Concen: 25.137 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Instrument :
MSVOA_V
ClientSampleId :

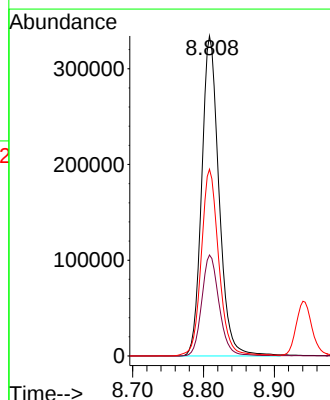
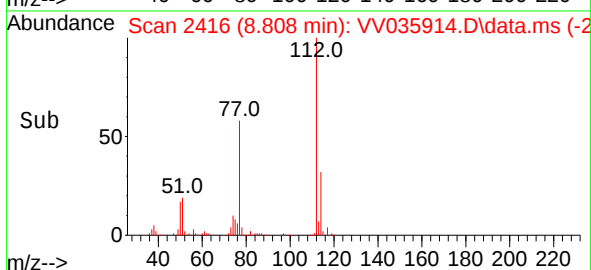
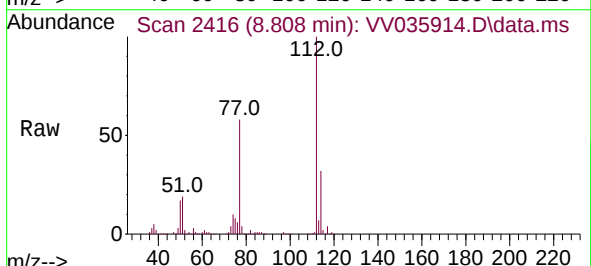


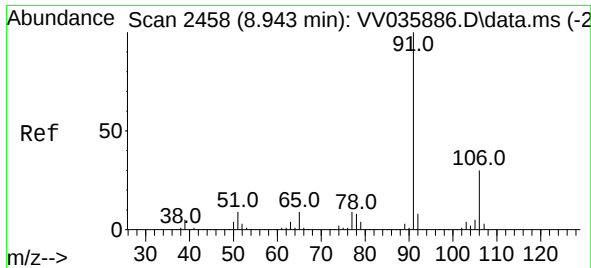
Tgt Ion:107 Resp: 170140
Ion Ratio Lower Upper
107 100
109 92.9 66.1 122.7
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 25.104 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion:112 Resp: 567463
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 58.4 47.3 70.9

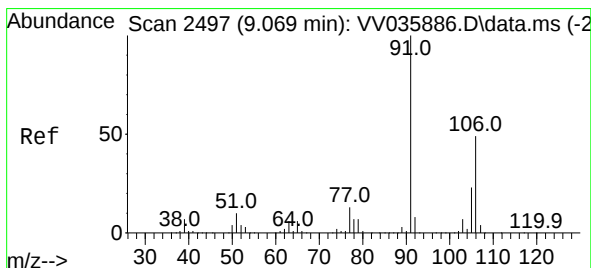
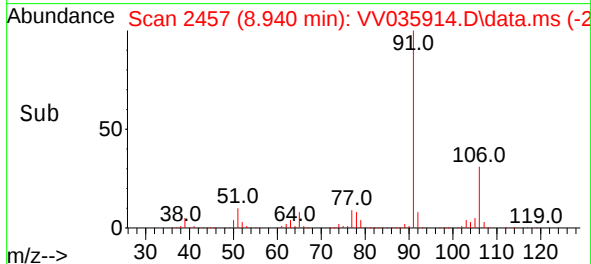
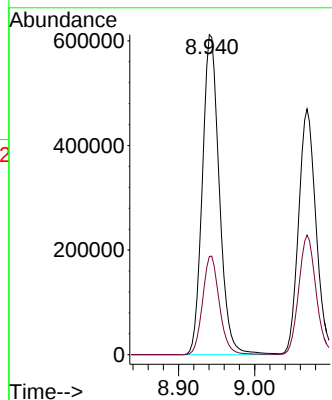
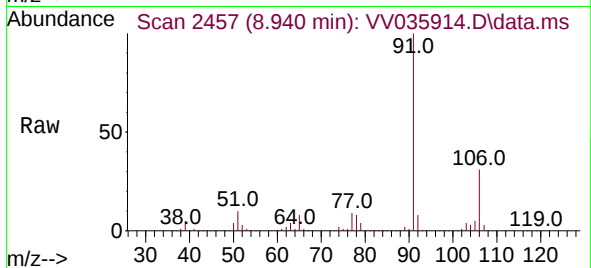




#52
Ethylbenzene
Concen: 26.718 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

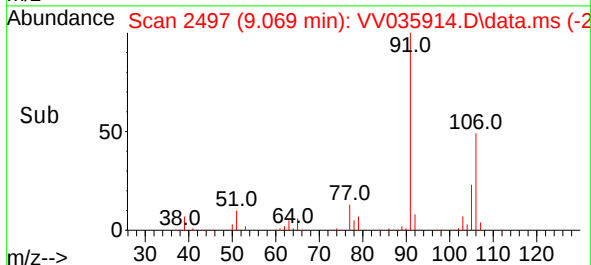
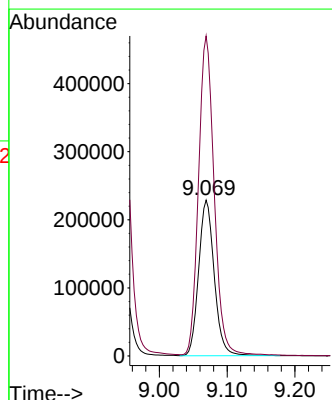
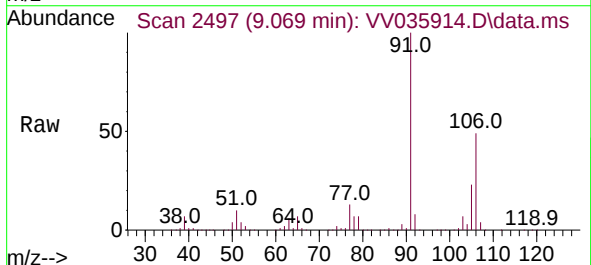
Instrument :
MSVOA_V
ClientSampleId :

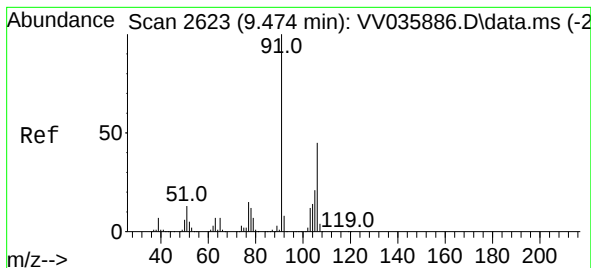
Tgt Ion: 91 Resp: 948347
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 27.358 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion:106 Resp: 364884
Ion Ratio Lower Upper
106 100
91 205.4 143.1 265.9





#54

o-Xylene

Concen: 26.654 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

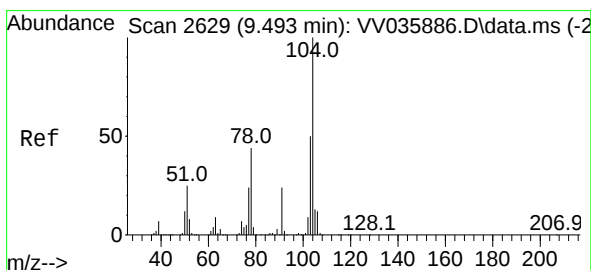
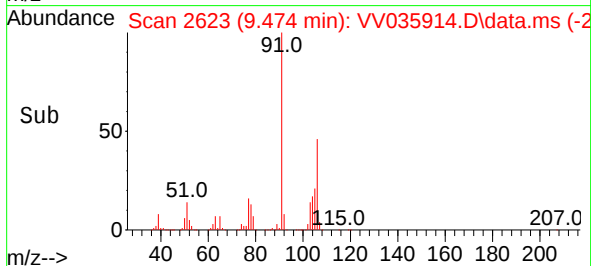
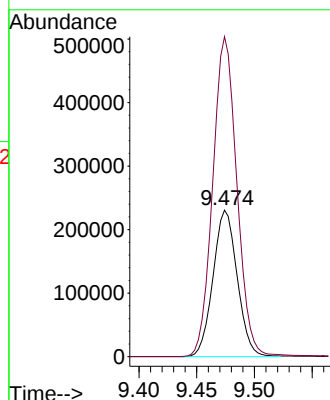
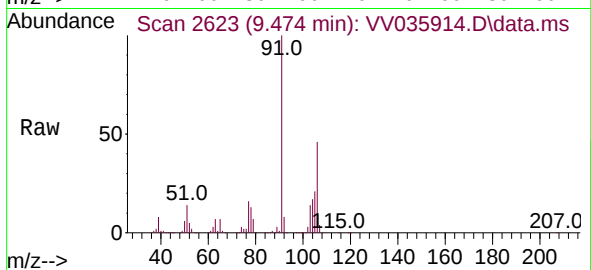
ClientSampleId :

Tgt Ion:106 Resp: 335244

Ion Ratio Lower Upper

106 100

91 218.4 154.5 286.9



#55

Styrene

Concen: 28.033 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV035914.D

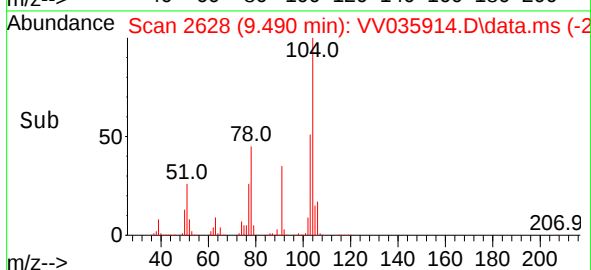
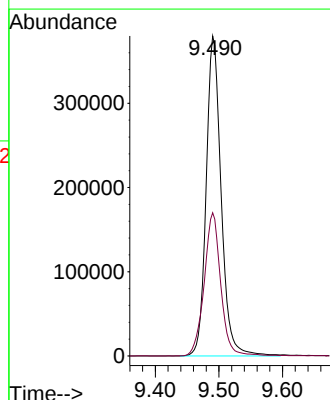
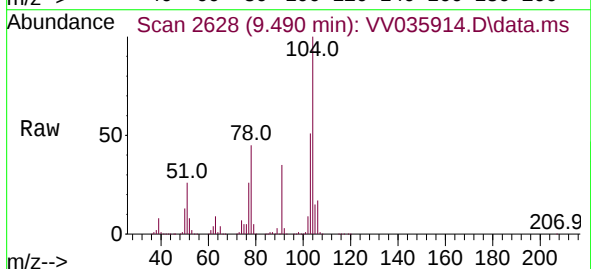
Acq: 31 May 2024 08:24

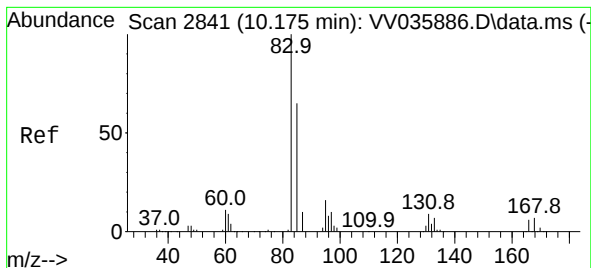
Tgt Ion:104 Resp: 621756

Ion Ratio Lower Upper

104 100

78 44.8 31.4 58.2

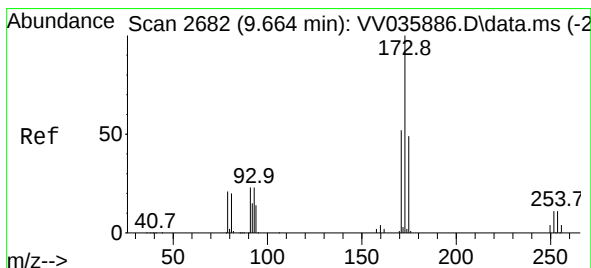
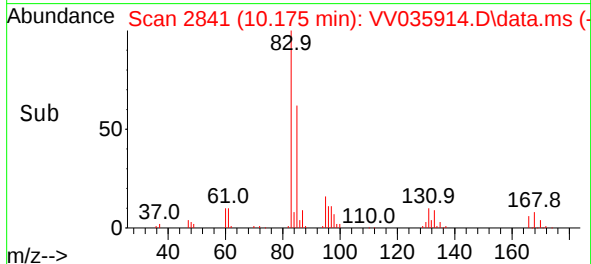
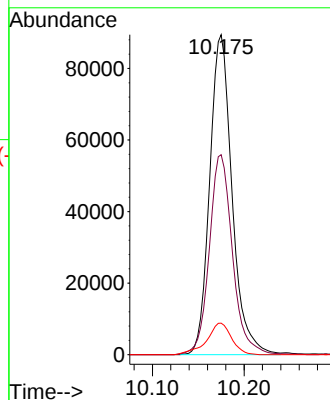
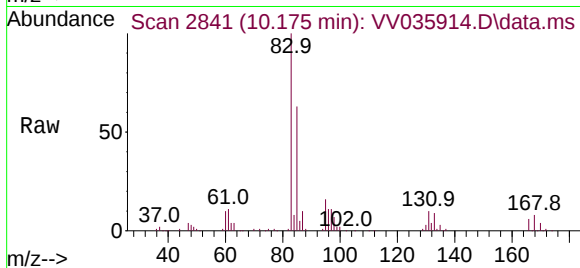




#57
1,1,2,2-Tetrachloroethane
Concen: 24.009 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

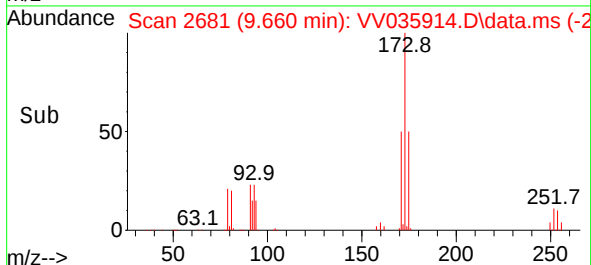
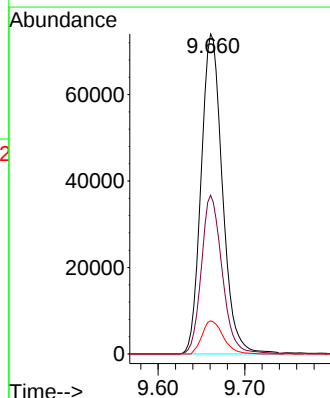
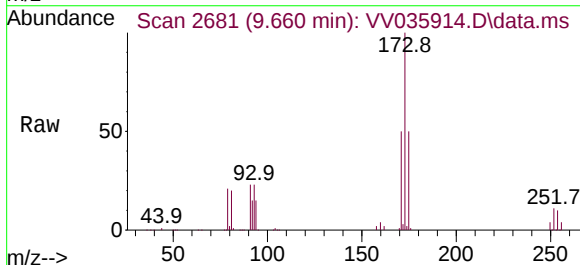
Instrument :
MSVOA_V
ClientSampleId :

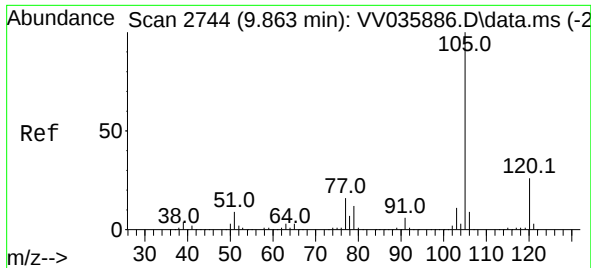
Tgt Ion: 83 Resp: 151647
Ion Ratio Lower Upper
83 100
85 62.5 45.1 83.7
131 9.9 7.6 11.4



#59
Bromoform
Concen: 24.198 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion:173 Resp: 126550
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 10.3 8.6 13.0

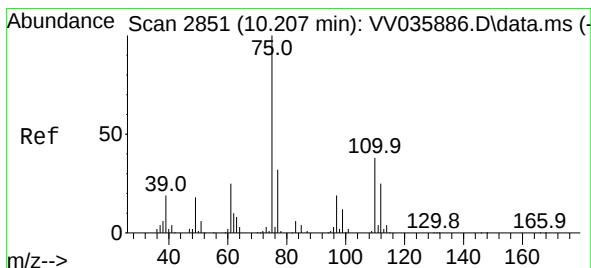
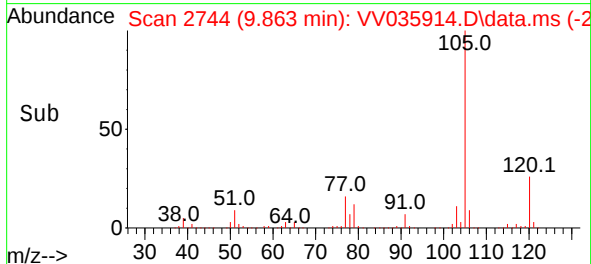
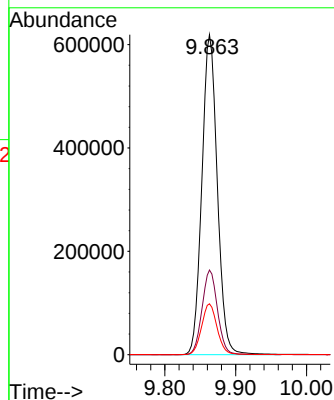
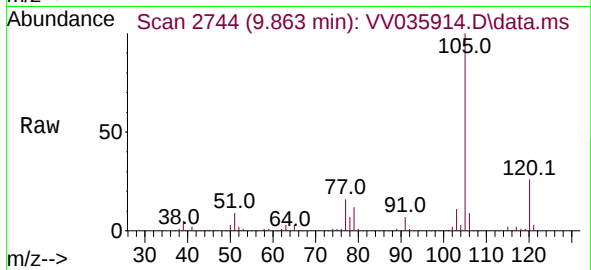




#60
Isopropylbenzene
Concen: 26.314 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

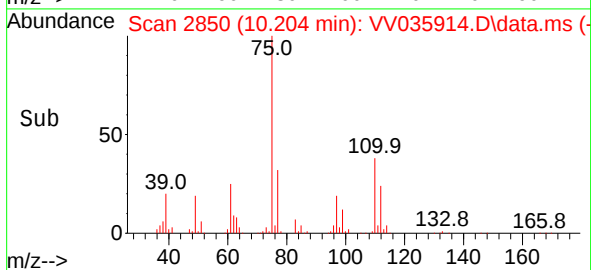
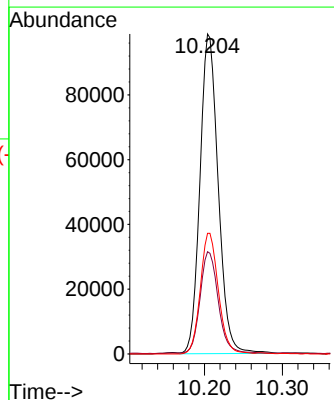
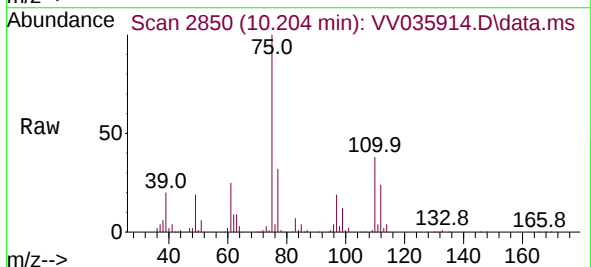
Instrument :
MSVOA_V
ClientSampleId :

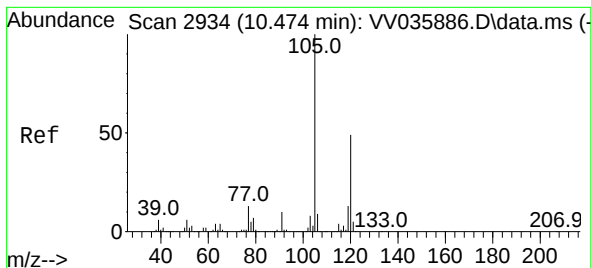
Tgt Ion:105 Resp: 936188
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 16.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.463 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion: 75 Resp: 160446
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 37.4 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 26.350 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

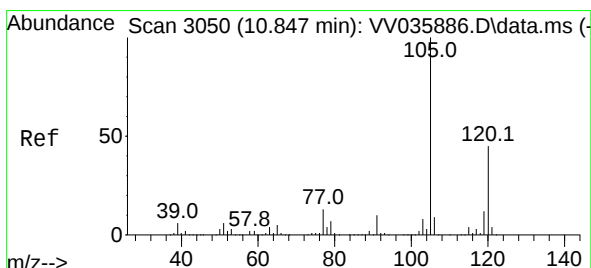
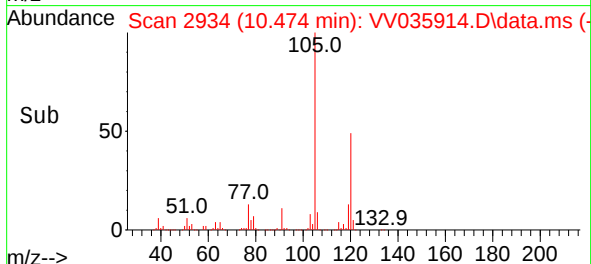
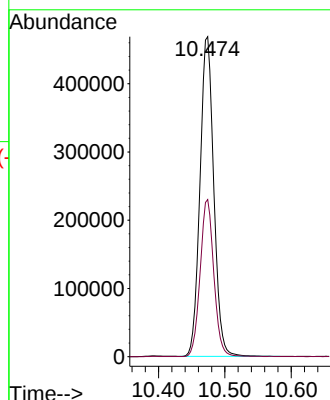
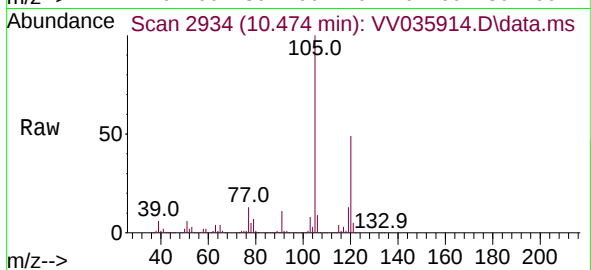
ClientSampleId :

Tgt Ion:105 Resp: 679787

Ion Ratio Lower Upper

105 100

120 48.6 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 27.388 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035914.D

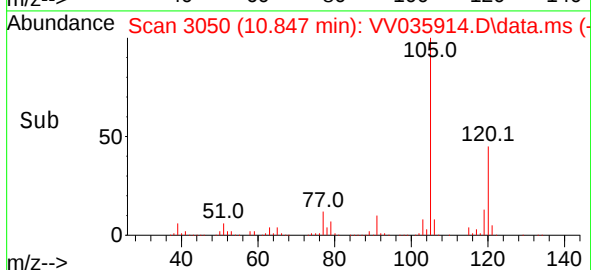
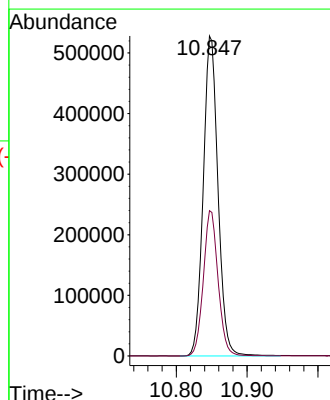
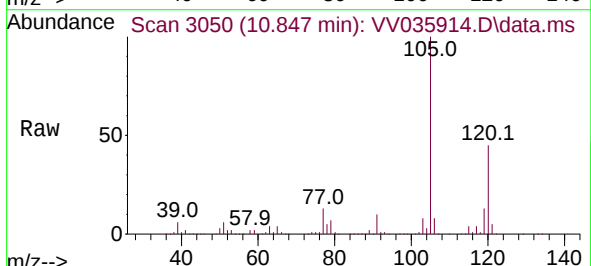
Acq: 31 May 2024 08:24

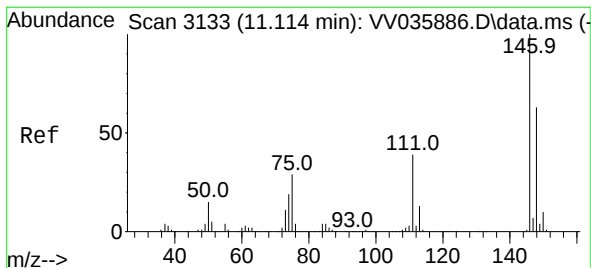
Tgt Ion:105 Resp: 761285

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 25.219 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

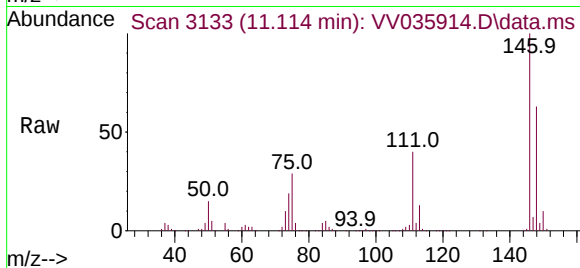
Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

ClientSampleId :



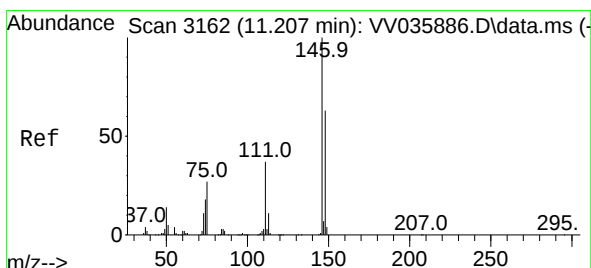
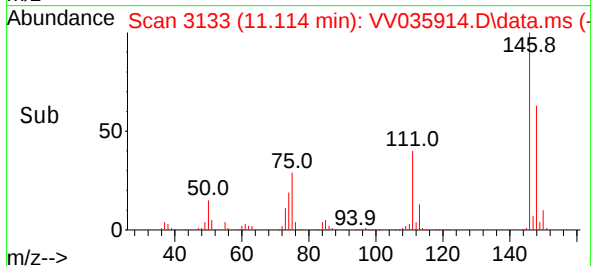
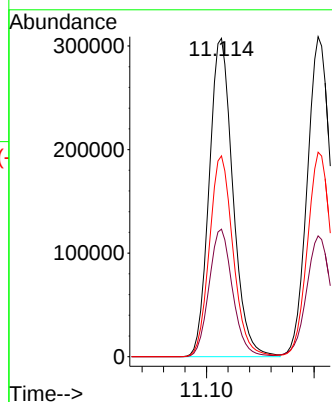
Tgt Ion:146 Resp: 471189

Ion Ratio Lower Upper

146 100

111 40.0 28.1 52.1

148 63.0 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 25.325 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

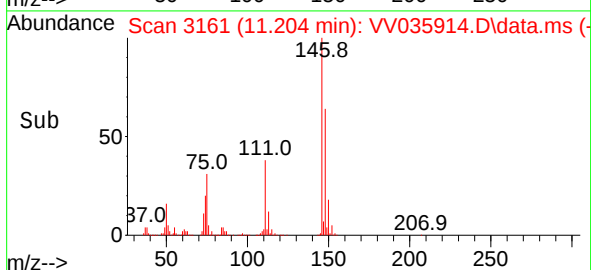
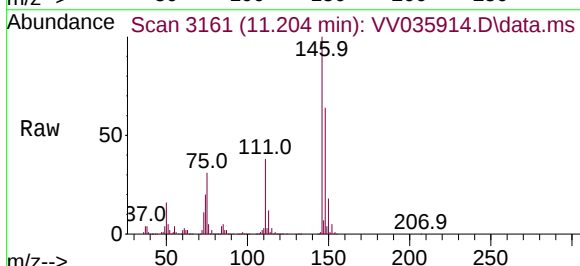
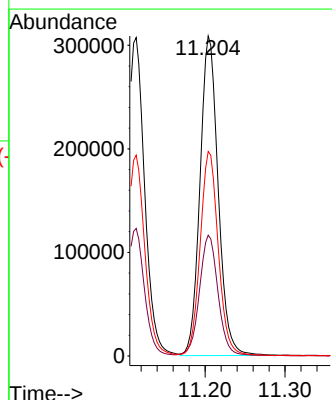
Tgt Ion:146 Resp: 488402

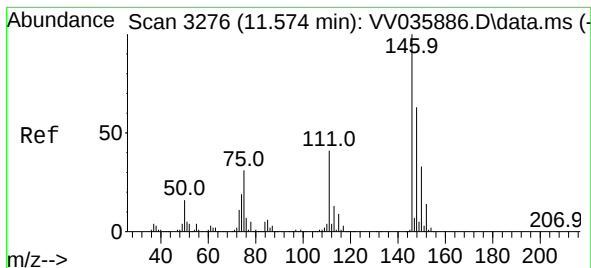
Ion Ratio Lower Upper

146 100

111 37.8 26.9 50.1

148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 24.959 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

ClientSampleId :

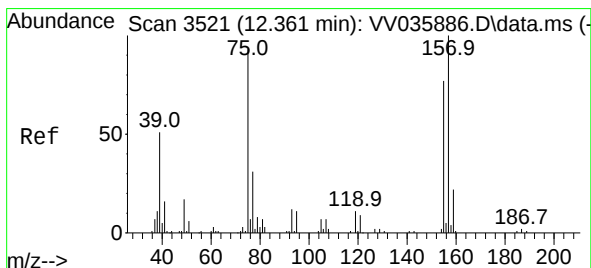
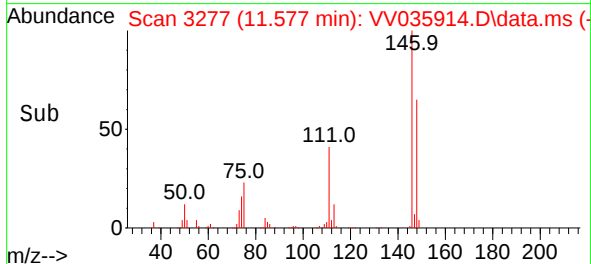
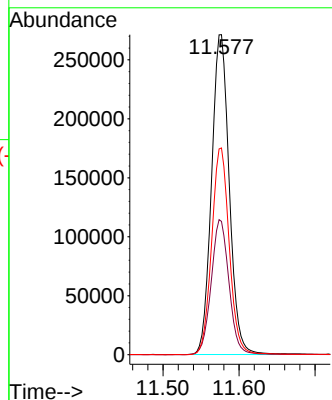
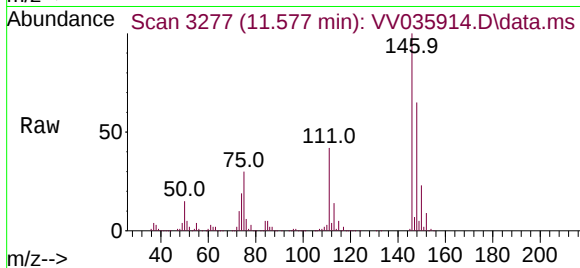
Tgt Ion:146 Resp: 438832

Ion Ratio Lower Upper

146 100

111 41.7 33.5 50.3

148 64.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 25.152 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

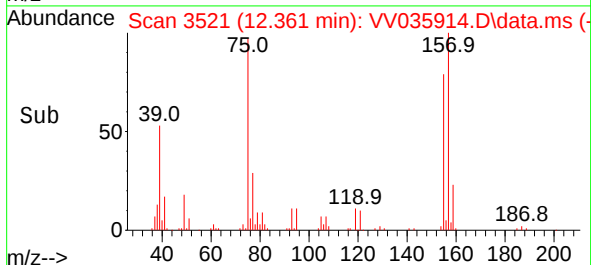
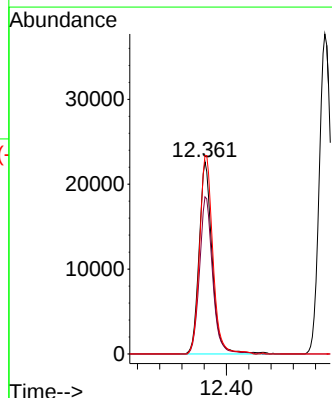
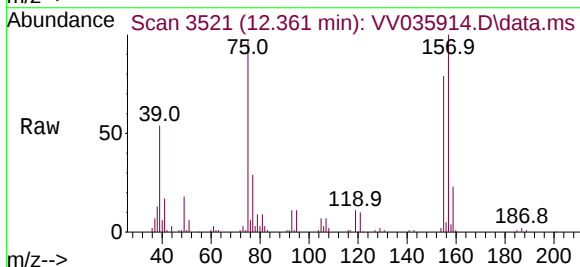
Tgt Ion: 75 Resp: 36888

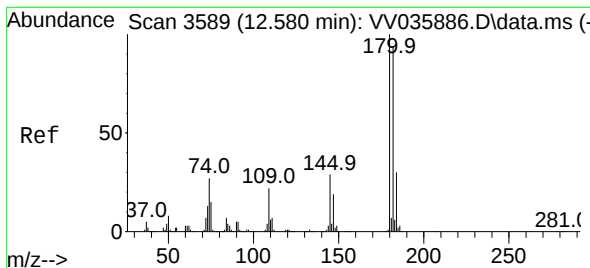
Ion Ratio Lower Upper

75 100

155 81.8 63.3 94.9

157 103.3 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 25.908 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

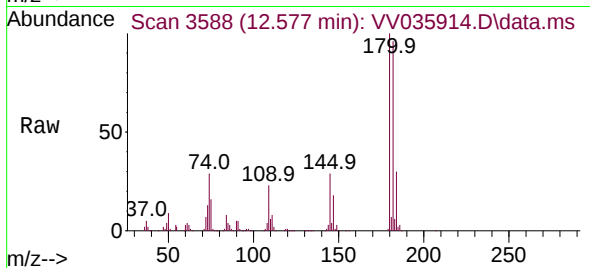
Lab File: VV035914.D

Acq: 31 May 2024 08:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 362092

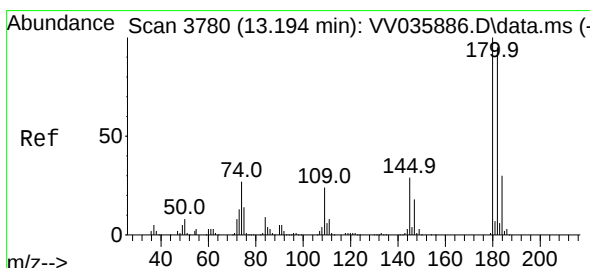
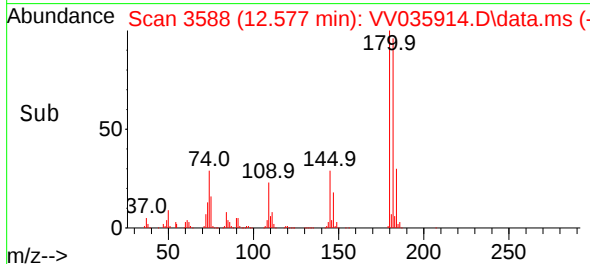
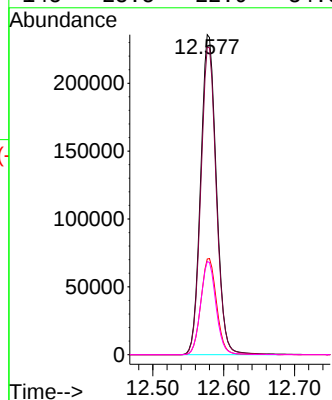
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

184 30.0 24.2 36.2

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 26.685 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035914.D

Acq: 31 May 2024 08:24

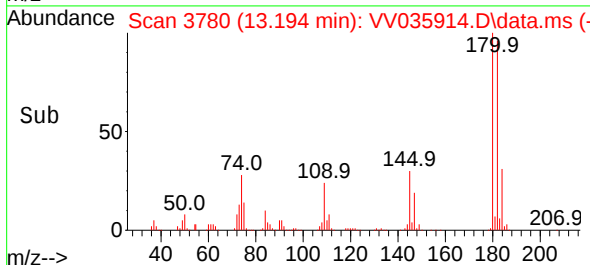
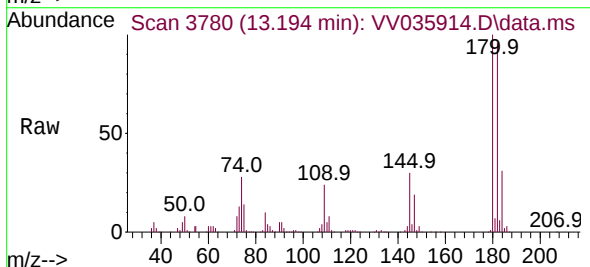
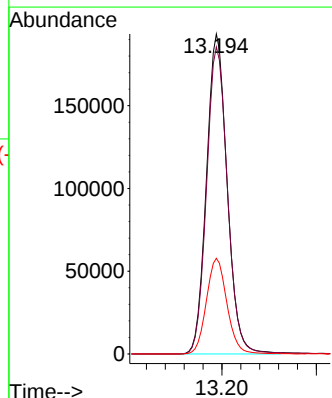
Tgt Ion:180 Resp: 293650

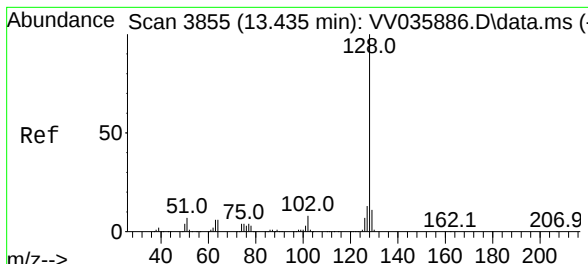
Ion Ratio Lower Upper

180 100

182 96.9 76.1 114.1

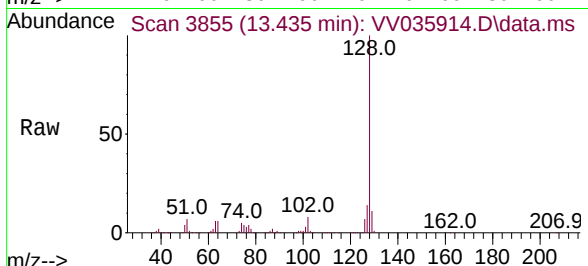
145 29.7 23.5 35.3



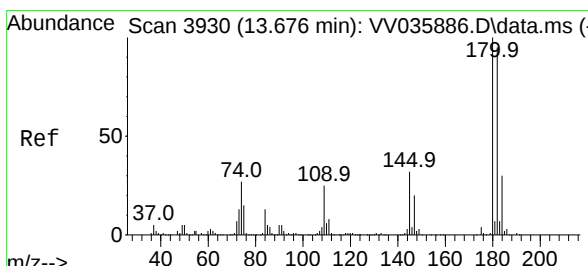
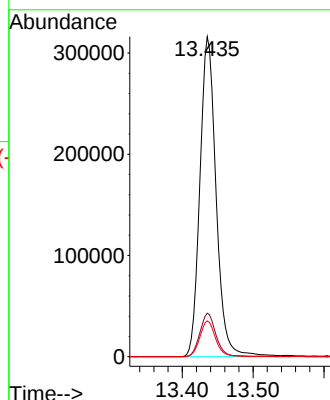
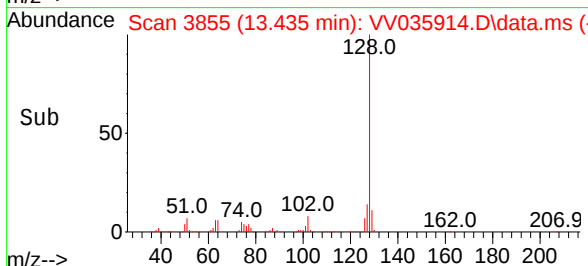


#71
Naphthalene
Concen: 27.955 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 502033
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 28.936 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035914.D
Acq: 31 May 2024 08:24

Tgt Ion:180 Resp: 290574
Ion Ratio Lower Upper
180 100
182 95.3 75.1 112.7
145 31.6 25.2 37.8

