

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038173.D
 Acq On : 19 Nov 2024 12:28
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:37:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	289895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	300395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	153785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	20902	0.941	ug/L	0.00
7) Chloroethane-d5	1.529	69	18036	1.003	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	9498	0.993	ug/L	0.00
20) 2-Butanone-d5	3.847	46	37120	8.759	ug/L	0.05
24) Chloroform-d	4.246	84	42899	0.995	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	18141	0.931	ug/L	0.00
32) Benzene-d6	4.960	84	71962	0.927	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	20204	0.848	ug/L	0.00
41) Toluene-d8	7.240	98	65497	0.912	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8035	0.925	ug/L	0.01
46) 2-Hexanone-d5	8.034	63	26156	7.937	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	19393	0.956	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	26424	1.008	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	30737	1.121	ug/L	99
3) Chloromethane	1.214	50	26625	1.127	ug/L	99
5) Vinyl chloride	1.282	62	29352	1.097	ug/L	90
6) Bromomethane	1.487	94	12442	1.192	ug/L	93
8) Chloroethane	1.548	64	18176	0.971	ug/L	96
9) Trichlorofluoromethane	1.709	101	42339	1.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	25241	1.161	ug/L	99
12) 1,1-Dichloroethene	2.066	96	22830	1.103	ug/L	84
13) Acetone	2.137	43	35105	10.678	ug/L	92
14) Carbon disulfide	2.237	76	74227	1.113	ug/L	100
15) Methyl Acetate	2.394	43	7377	0.912	ug/L	97
16) Methylene chloride	2.442	84	27110	1.148	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	48065	1.027	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	23402	1.073	ug/L	98
19) 1,1-Dichloroethane	3.108	63	43244	1.092	ug/L	100
21) 2-Butanone	3.912	43	10754	2.454	ug/L #	1
22) cis-1,2-Dichloroethene	3.818	96	23685	1.050	ug/L	93
23) Bromochloromethane	4.150	128	12181	1.106	ug/L	97
25) Chloroform	4.272	83	45677	1.078	ug/L	99
27) 1,2-Dichloroethane	5.047	62	23490	1.019	ug/L #	91
29) 1,1,1-Trichloroethane	4.503	97	38569	1.071	ug/L	98
30) Cyclohexane	4.571	56	30659	1.026	ug/L	98
31) Carbon tetrachloride	4.728	117	34845	1.096	ug/L	98
33) Benzene	5.008	78	86747	1.028	ug/L	100
34) Trichloroethene	5.834	95	24739	1.076	ug/L	95
35) Methylcyclohexane	6.040	83	32686	1.004	ug/L	99
37) 1,2-Dichloropropane	6.092	63	21007	0.994	ug/L	99
38) Bromodichloromethane	6.433	83	30921	1.088	ug/L #	99
39) cis-1,3-Dichloropropene	6.960	75	28178	0.986	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	104320	9.591	ug/L	95
42) Toluene	7.313	91	89991	1.007	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	23622	0.963	ug/L	88

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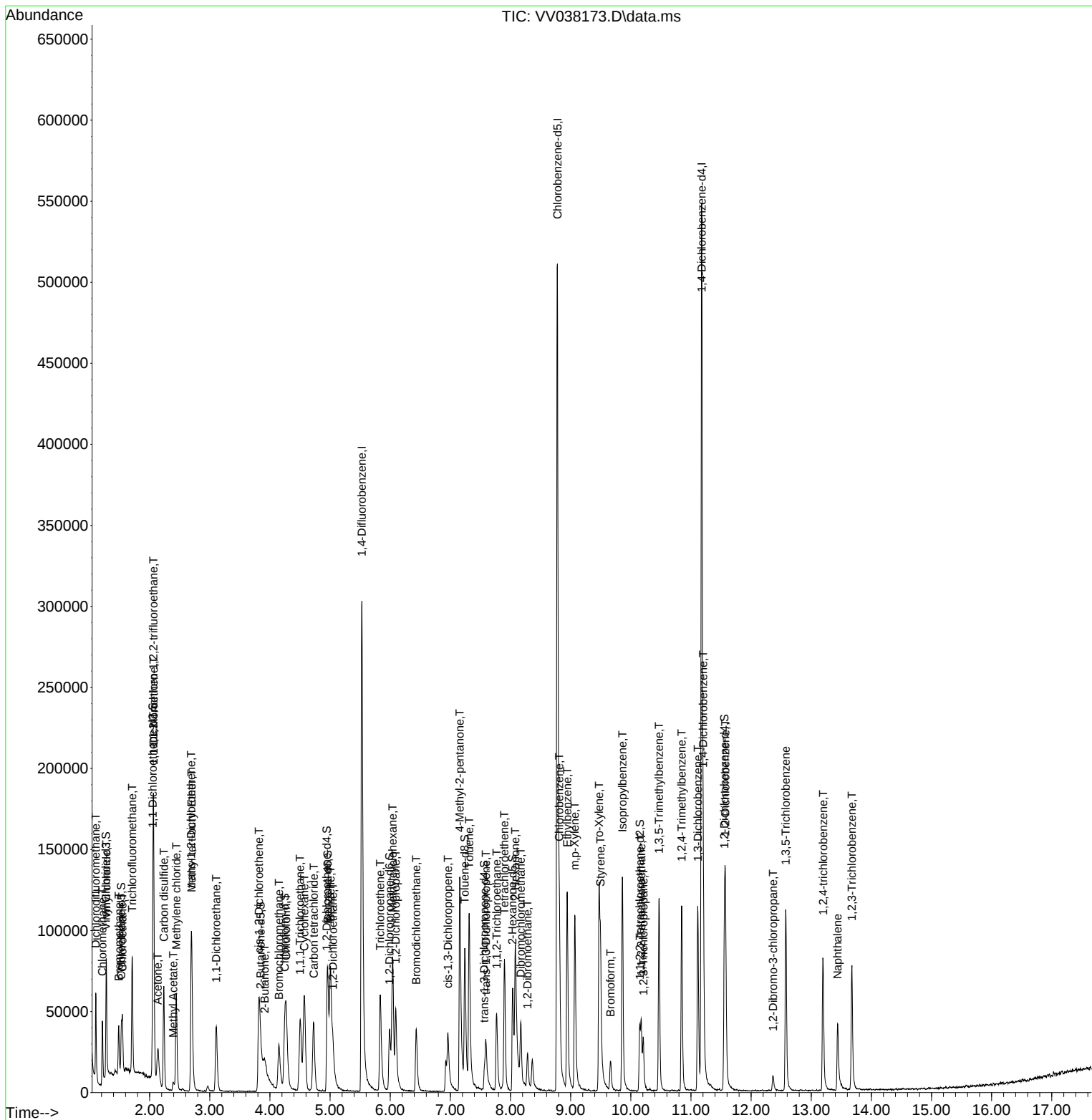
Quant Time: Nov 19 21:37:55 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
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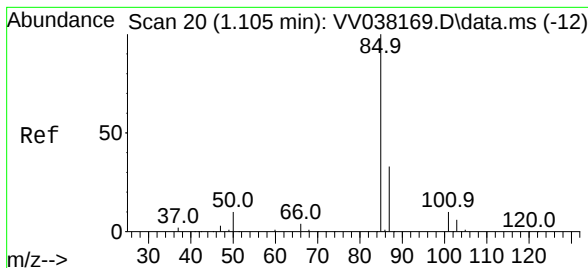
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	18548	1.082	ug/L	95
47) Tetrachloroethene	7.899	164	20925	1.132	ug/L	96
48) 2-Hexanone	8.082	43	67792	9.030	ug/L	98
49) Dibromochloromethane	8.172	129	19938	1.067	ug/L	98
50) 1,2-Dibromoethane	8.285	107	16331	1.028	ug/L #	97
51) Chlorobenzene	8.812	112	67050	1.089	ug/L	98
52) Ethylbenzene	8.944	91	94850	1.001	ug/L	96
53) m,p-Xylene	9.069	106	33647	0.941	ug/L	97
54) o-Xylene	9.474	106	34488	0.990	ug/L	93
55) Styrene	9.497	104	54745	0.904	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	21105	1.053	ug/L #	96
59) Bromoform	9.664	173	9494	1.061	ug/L	98
60) Isopropylbenzene	9.860	105	89747	1.013	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13493	1.025	ug/L	95
62) 1,3,5-Trimethylbenzene	10.471	105	68169	0.970	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	67527	0.963	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	51380	1.080	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	51291	1.067	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	47270	1.074	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	3478	1.177	ug/L	83
69) 1,3,5-Trichlorobenzene	12.577	180	37784	1.121	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	29035	1.043	ug/L	99
71) Naphthalene	13.439	128	43919	1.014	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	26397	1.026	ug/L	99

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

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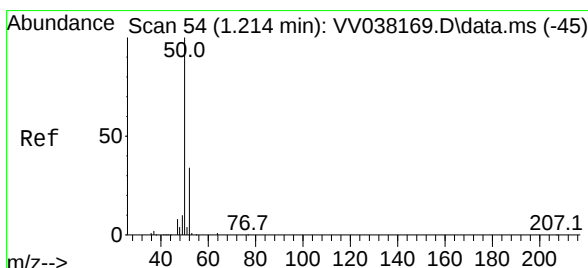
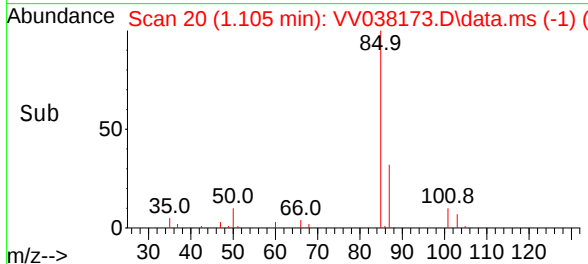
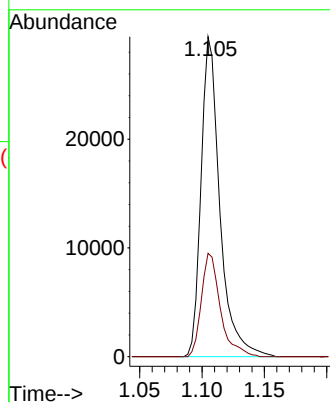
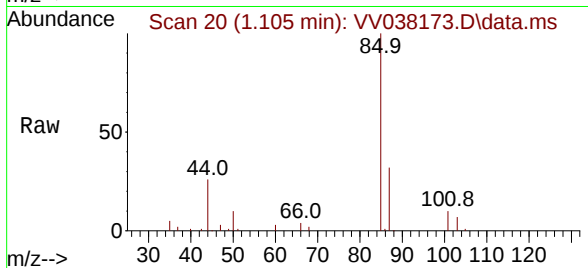




#2
Dichlorodifluoromethane
Concen: 1.121 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

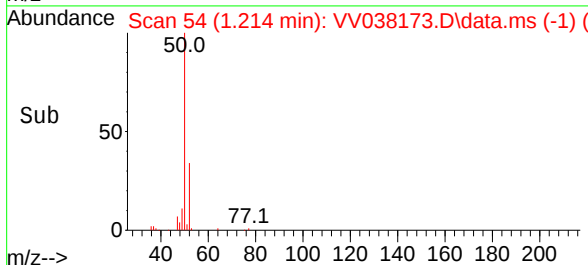
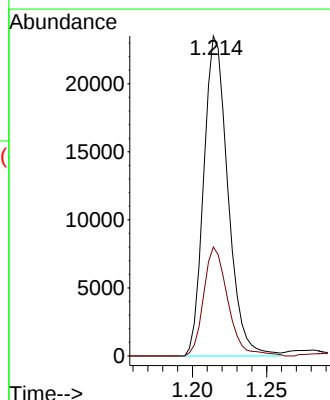
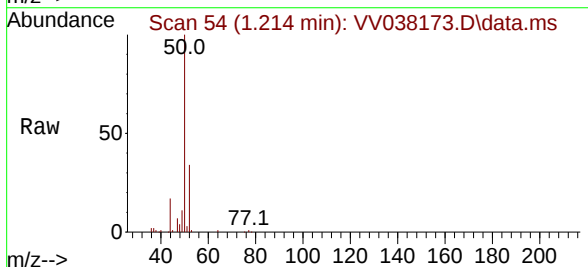
Instrument :
MSVOA_V
ClientSampleId :

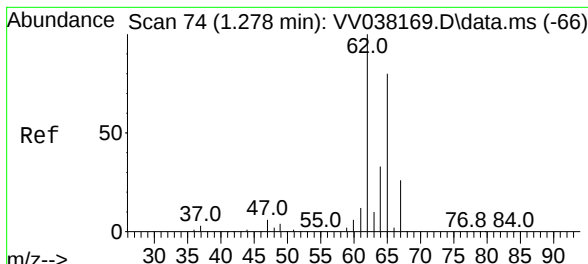
Tgt Ion: 85 Resp: 30737
Ion Ratio Lower Upper
85 100
87 32.7 26.5 39.7



#3
Chloromethane
Concen: 1.127 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 50 Resp: 26625
Ion Ratio Lower Upper
50 100
52 34.0 23.5 43.7

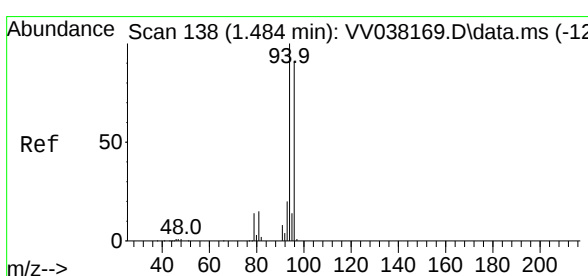
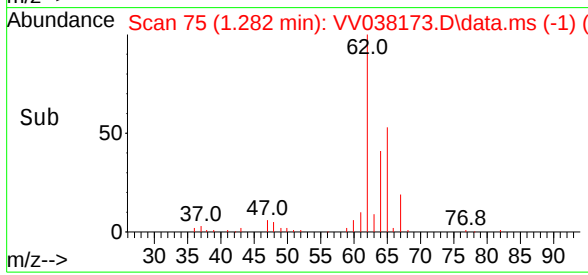
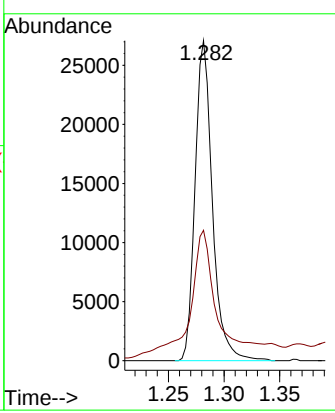
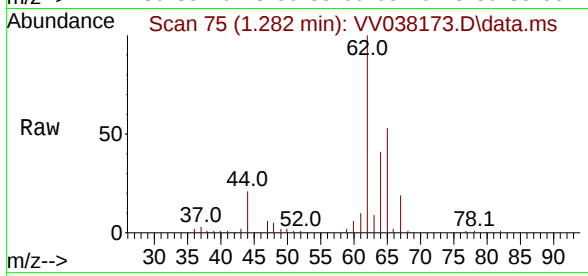




#5
 Vinyl chloride
 Concen: 1.097 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV038173.D
 Acq: 19 Nov 2024 12:28

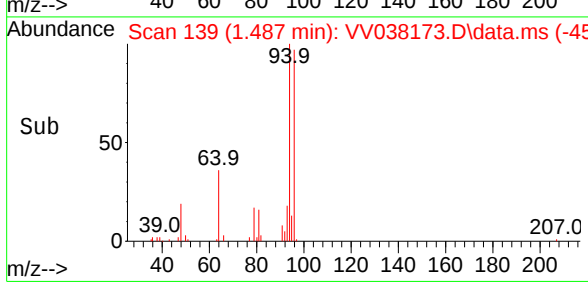
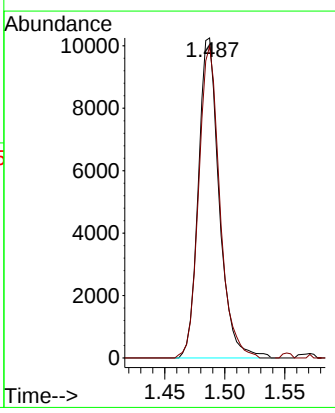
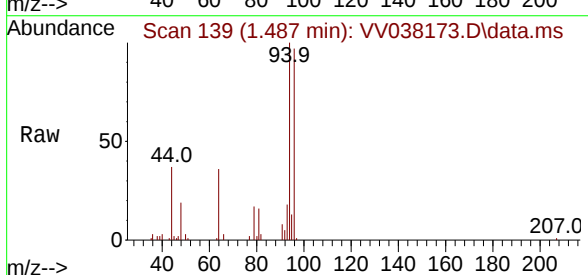
Instrument :
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 ClientSampleId :

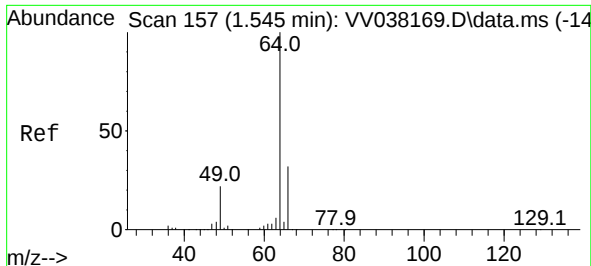
Tgt Ion:	62	Resp:	29352
Ion Ratio	Lower	Upper	
62	100		
64	40.7	24.4	45.4



#6
 Bromomethane
 Concen: 1.192 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038173.D
 Acq: 19 Nov 2024 12:28

Tgt Ion:	94	Resp:	12442
Ion Ratio	Lower	Upper	
94	100		
96	97.4	63.7	118.3

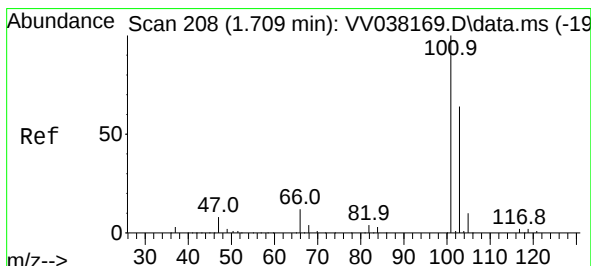
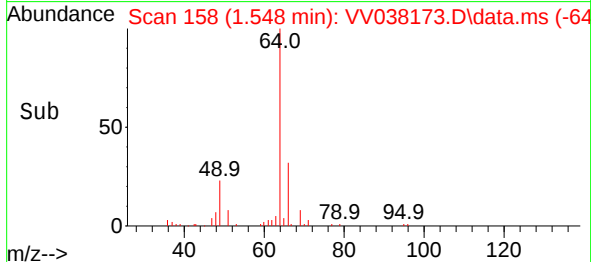
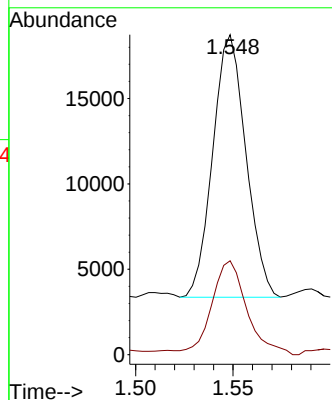
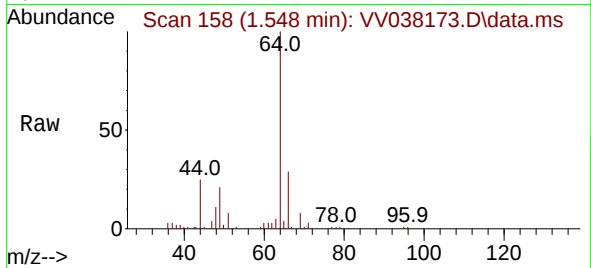




#8
Chloroethane
Concen: 0.971 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

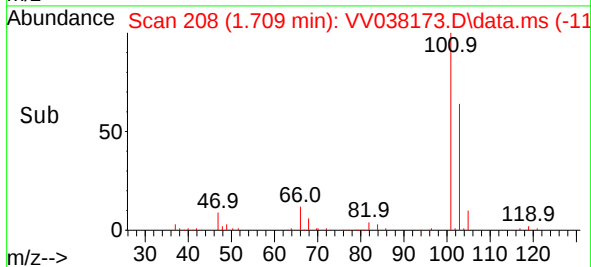
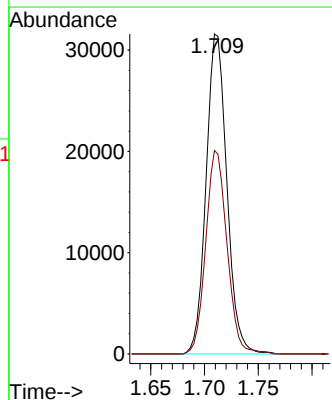
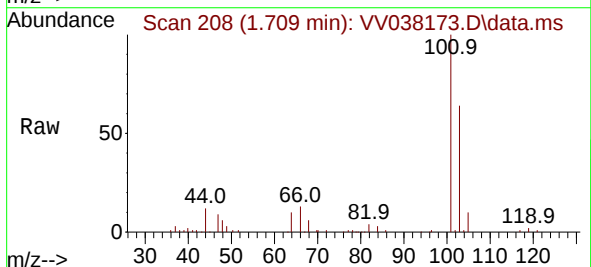
Instrument :
MSVOA_V
ClientSampleId :

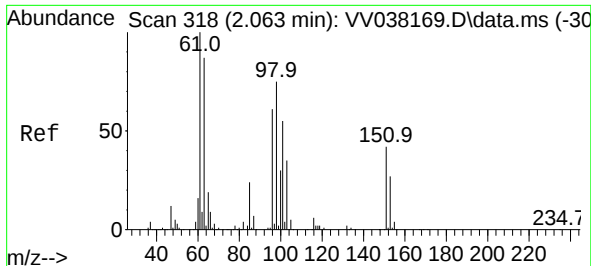
Tgt Ion: 64 Resp: 18176
Ion Ratio Lower Upper
64 100
66 29.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 1.112 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion:101 Resp: 42339
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

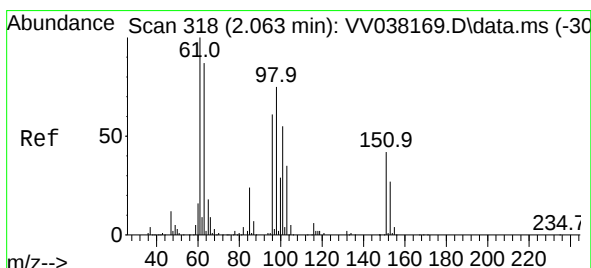
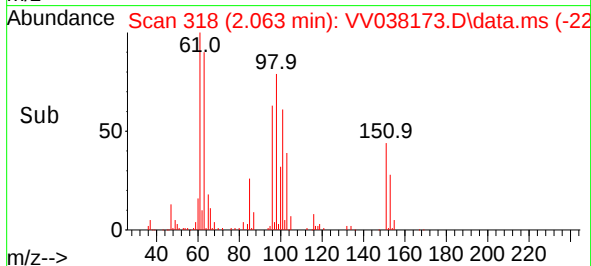
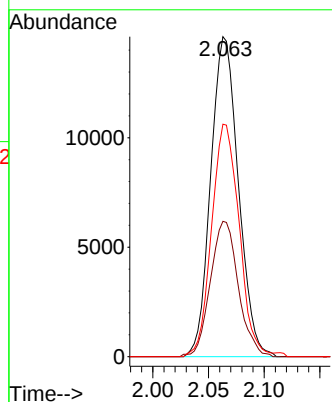
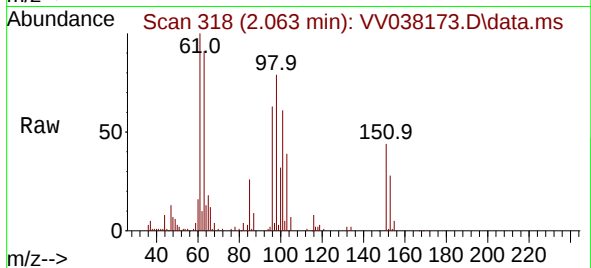




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.161 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038173.D
 Acq: 19 Nov 2024 12:28

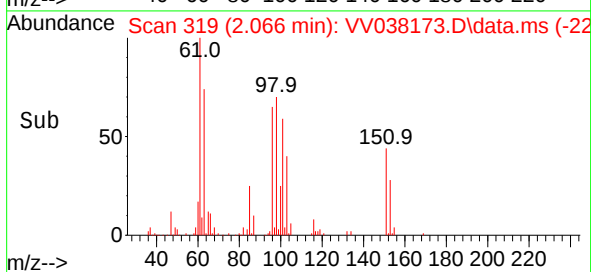
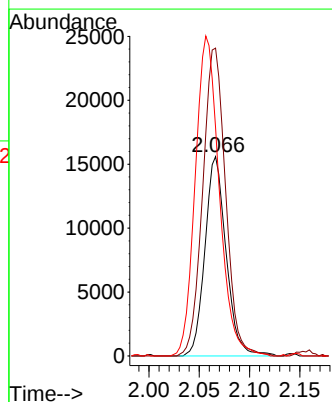
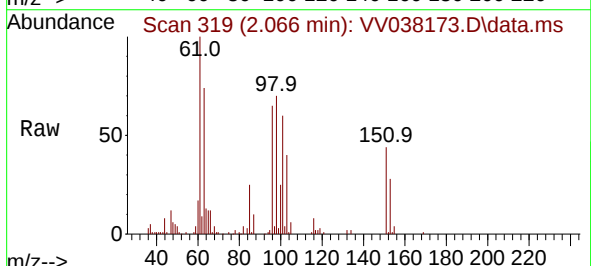
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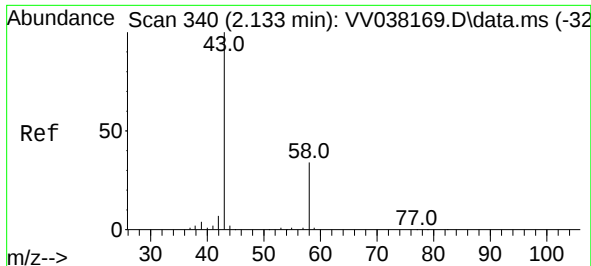
Tgt Ion:101 Resp: 25241
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.0
 151 72.6 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 1.103 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038173.D
 Acq: 19 Nov 2024 12:28

Tgt Ion: 96 Resp: 22830
 Ion Ratio Lower Upper
 96 100
 61 154.4 115.7 214.9
 63 114.6 101.1 187.7





#13

Acetone

Concen: 10.678 ug/L

RT: 2.137 min Scan# 340

Delta R.T. 0.003 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

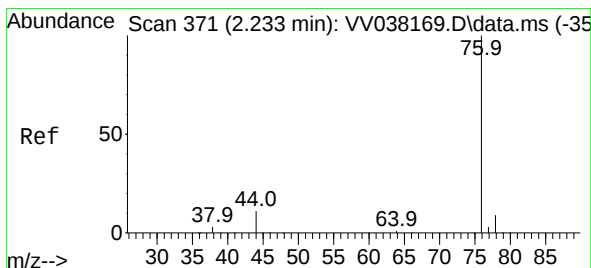
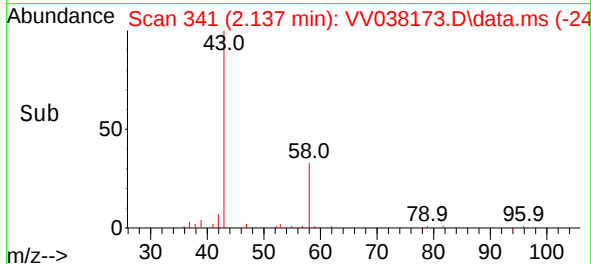
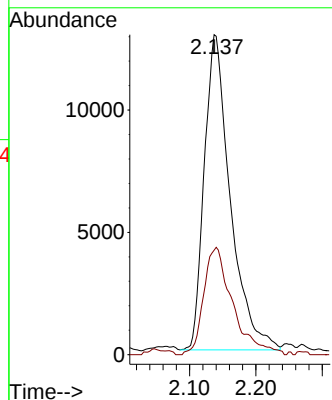
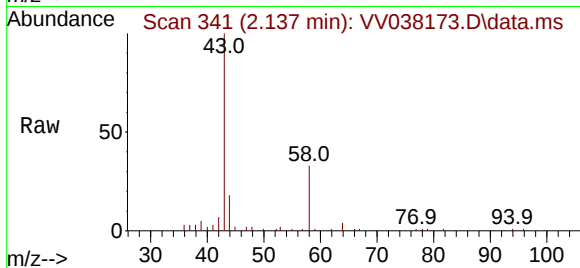
ClientSampleId :

Tgt Ion: 43 Resp: 35105

Ion Ratio Lower Upper

43 100

58 37.9 0.0 67.2



#14

Carbon disulfide

Concen: 1.113 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038173.D

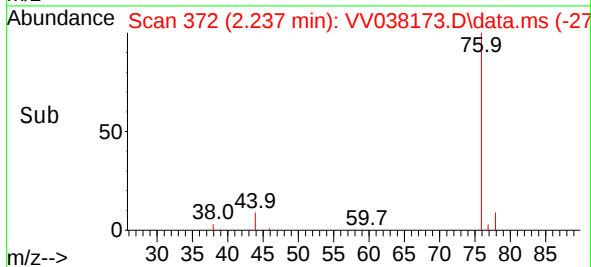
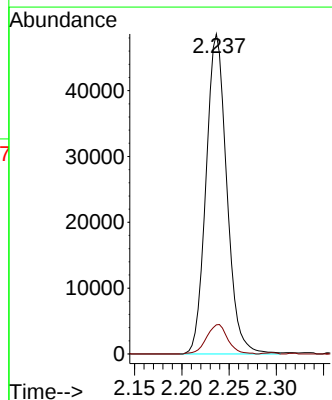
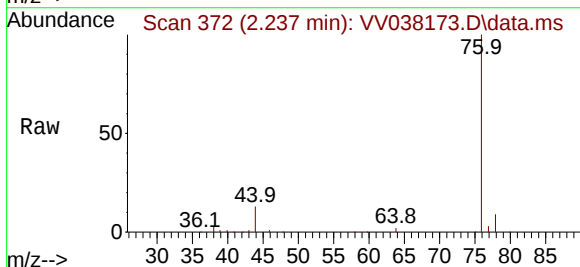
Acq: 19 Nov 2024 12:28

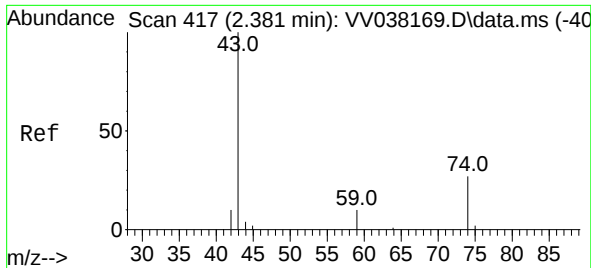
Tgt Ion: 76 Resp: 74227

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 0.912 ug/L

RT: 2.394 min Scan# 417

Delta R.T. 0.013 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

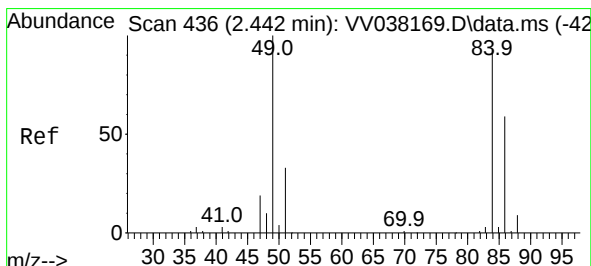
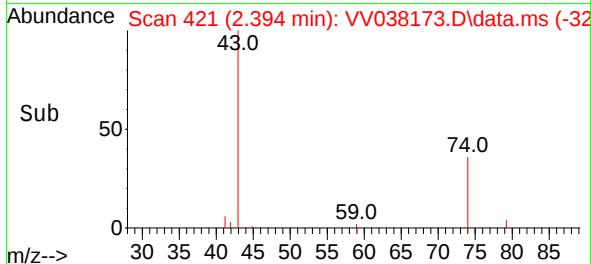
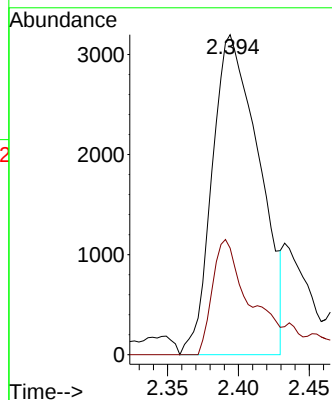
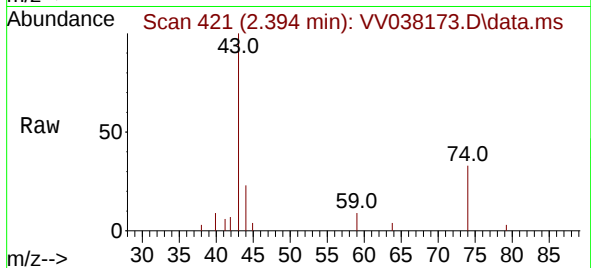
ClientSampleId :

Tgt Ion: 43 Resp: 7377

Ion Ratio Lower Upper

43 100

74 29.4 22.4 33.6



#16

Methylene chloride

Concen: 1.148 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

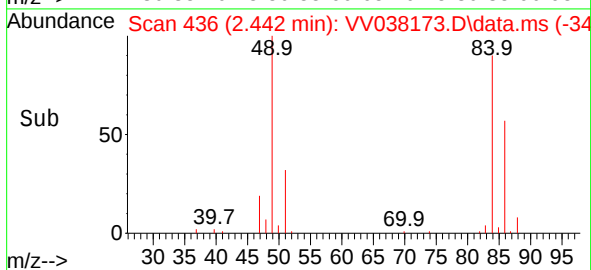
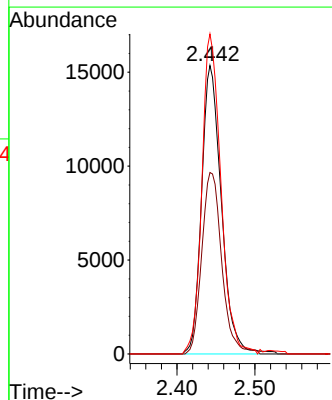
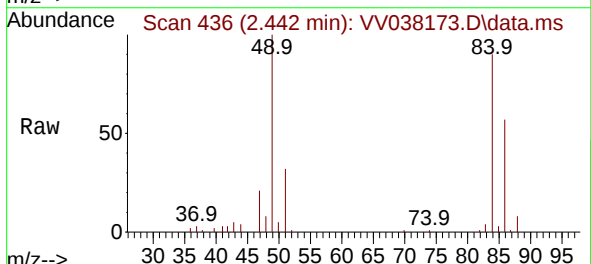
Tgt Ion: 84 Resp: 27110

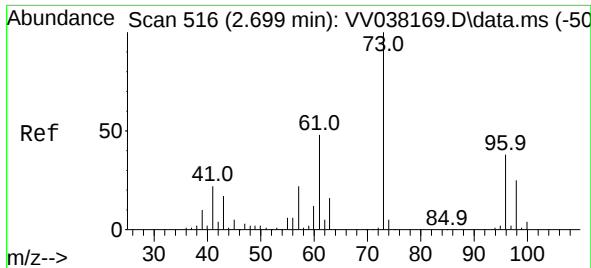
Ion Ratio Lower Upper

84 100

86 62.9 44.2 82.2

49 110.9 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 1.027 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

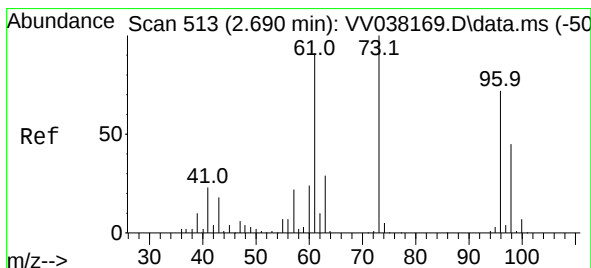
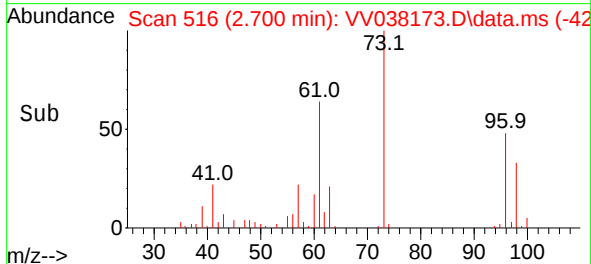
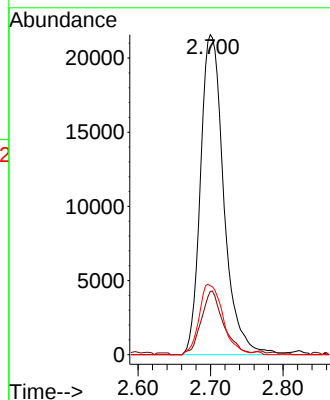
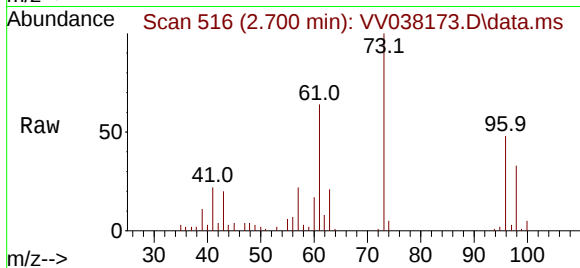
Tgt Ion: 73 Resp: 48065

Ion Ratio Lower Upper

73 100

43 19.2 14.2 21.2

57 22.5 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 1.073 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

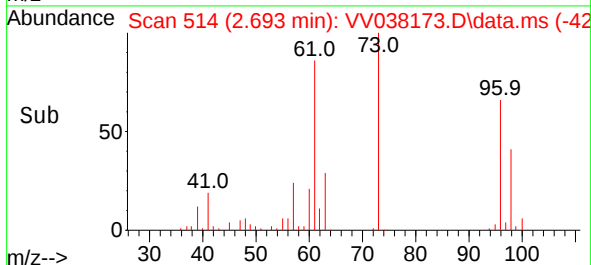
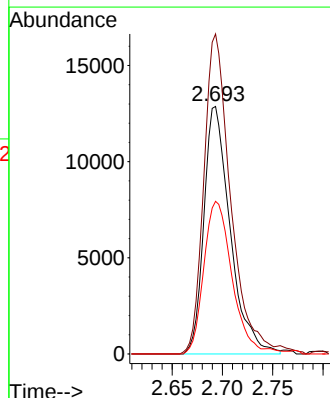
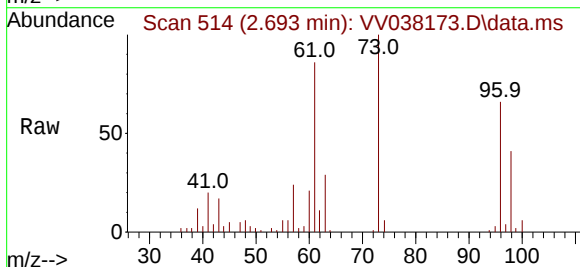
Tgt Ion: 96 Resp: 23402

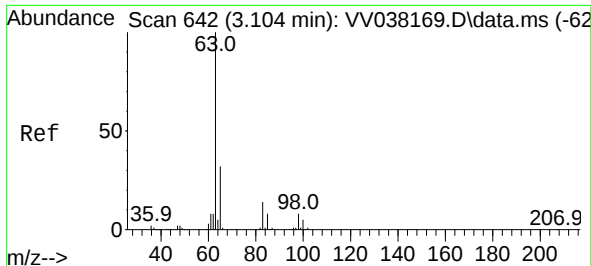
Ion Ratio Lower Upper

96 100

61 129.3 88.5 164.4

98 61.6 43.9 81.5





#19

1,1-Dichloroethane

Concen: 1.092 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

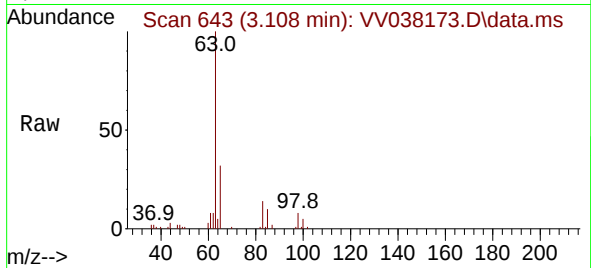
Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :



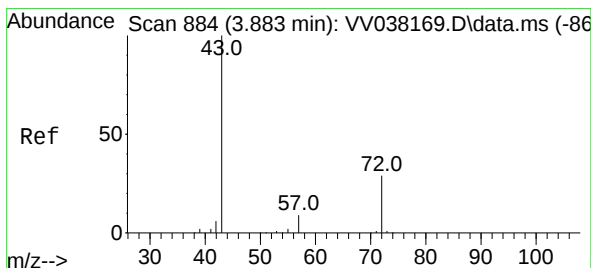
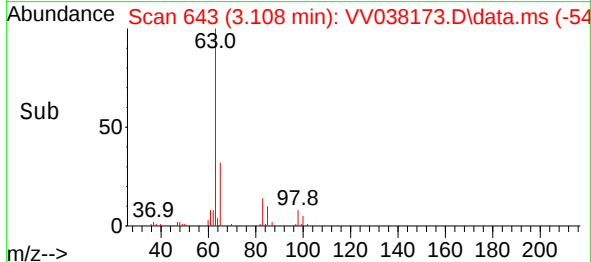
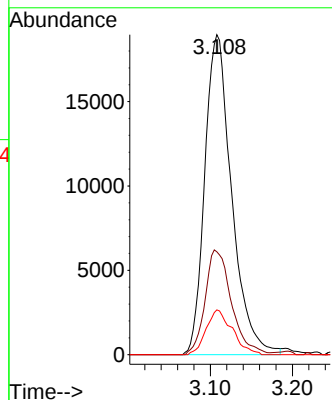
Tgt Ion: 63 Resp: 43244

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.7

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 2.454 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.029 min

Lab File: VV038173.D

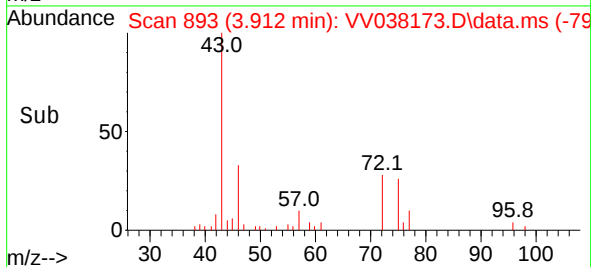
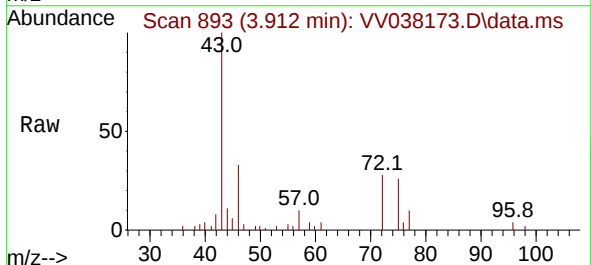
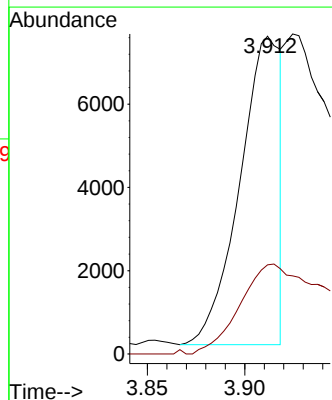
Acq: 19 Nov 2024 12:28

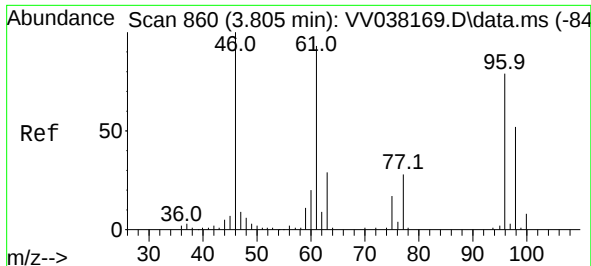
Tgt Ion: 43 Resp: 10754

Ion Ratio Lower Upper

43 100

72 88.7 13.0 39.0#





#22

cis-1,2-Dichloroethene

Concen: 1.050 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.013 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

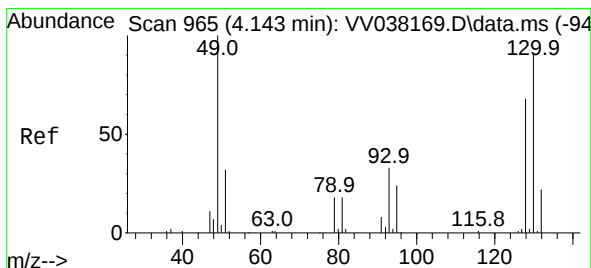
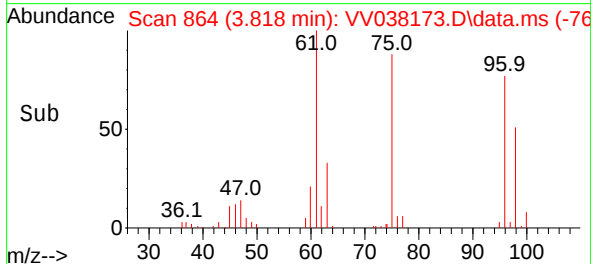
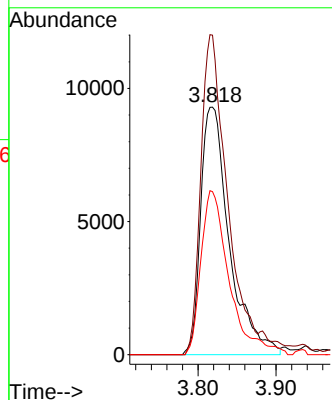
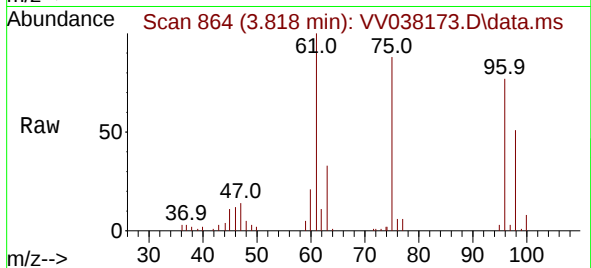
Tgt Ion: 96 Resp: 23685

Ion Ratio Lower Upper

96 100

61 129.1 82.7 153.5

98 65.9 46.3 85.9



#23

Bromochloromethane

Concen: 1.106 ug/L

RT: 4.150 min Scan# 967

Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Tgt Ion:128 Resp: 12181

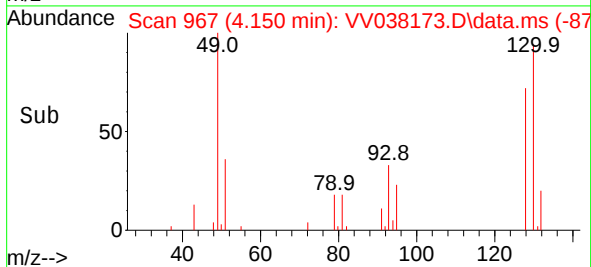
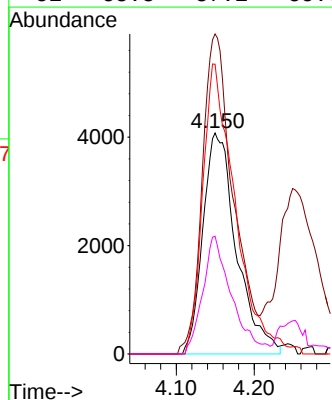
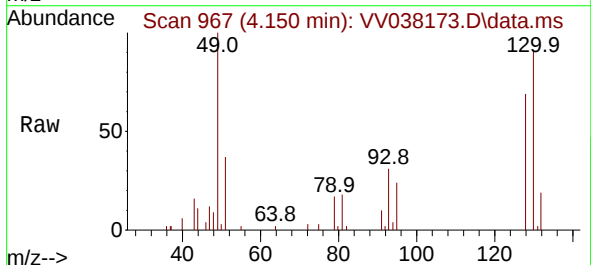
Ion Ratio Lower Upper

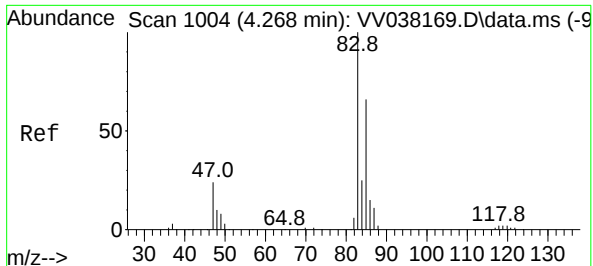
128 100

49 144.8 102.8 190.8

130 131.1 93.6 173.8

51 53.3 37.1 55.7





#25

Chloroform

Concen: 1.078 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

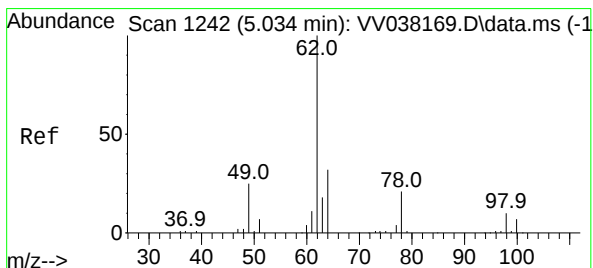
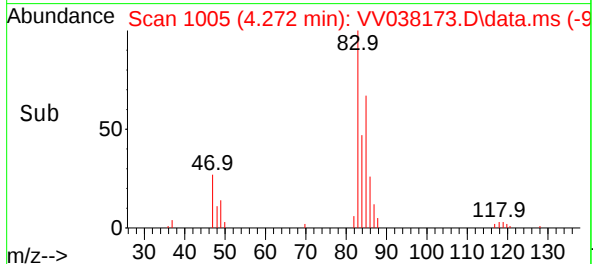
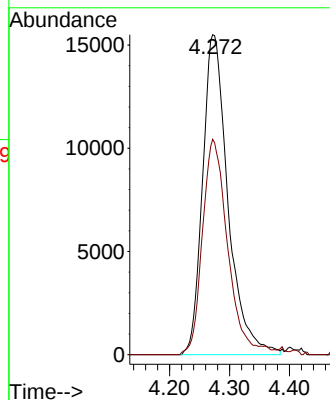
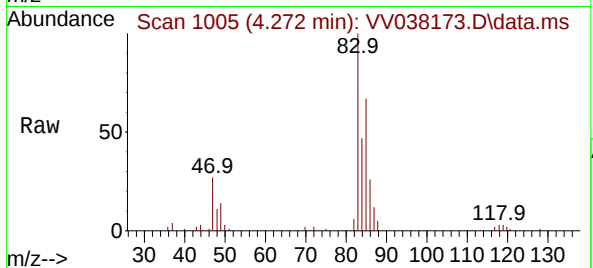
ClientSampleId :

Tgt Ion: 83 Resp: 45677

Ion Ratio Lower Upper

83 100

85 67.3 46.5 86.3



#27

1,2-Dichloroethane

Concen: 1.019 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.013 min

Lab File: VV038173.D

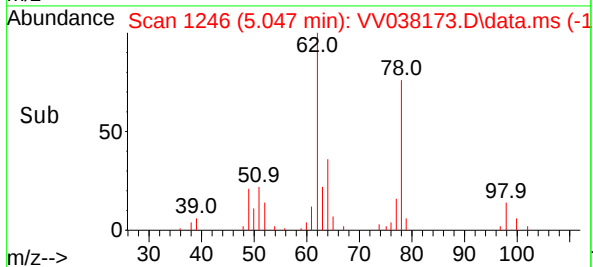
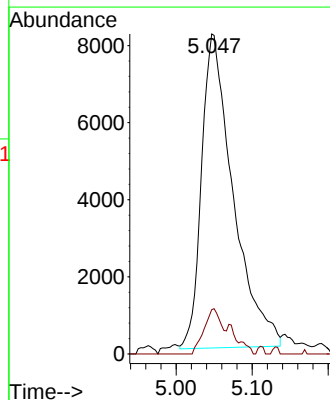
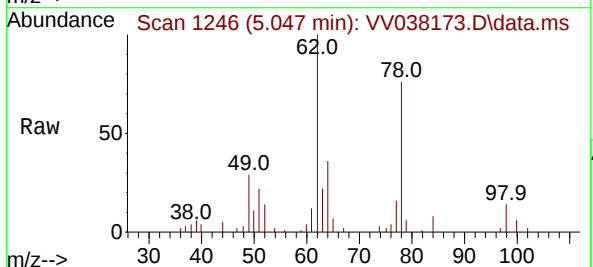
Acq: 19 Nov 2024 12:28

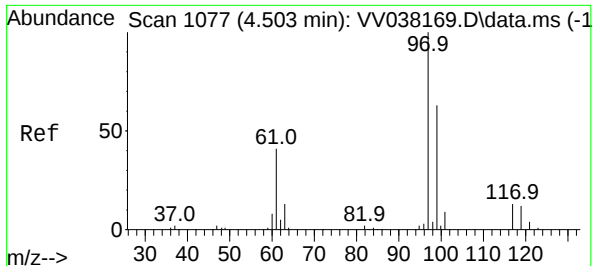
Tgt Ion: 62 Resp: 23490

Ion Ratio Lower Upper

62 100

98 13.8 8.2 12.4#

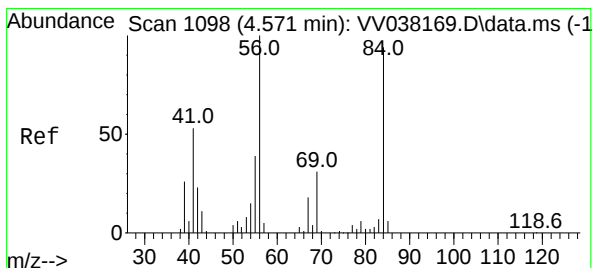
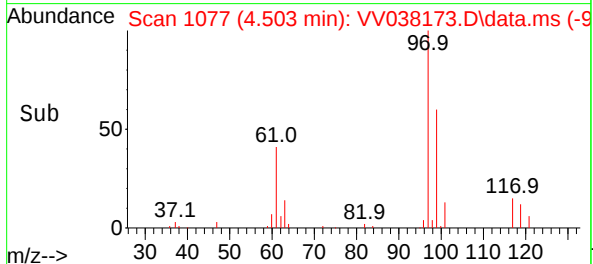
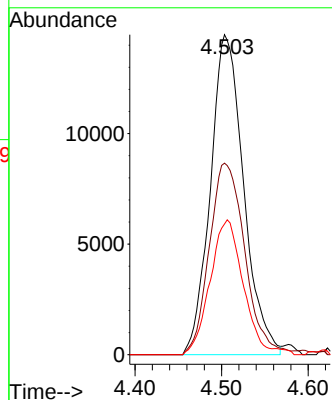
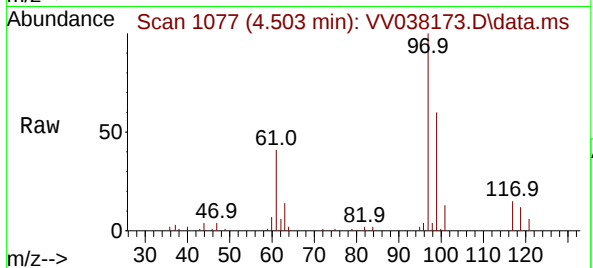




#29
1,1,1-Trichloroethane
Concen: 1.071 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

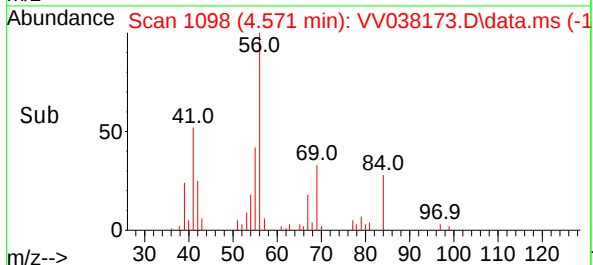
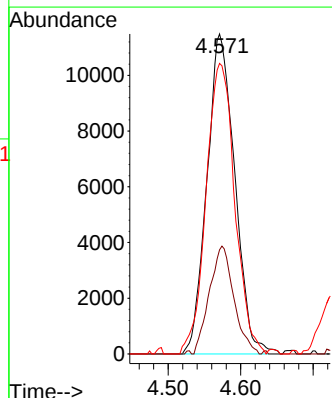
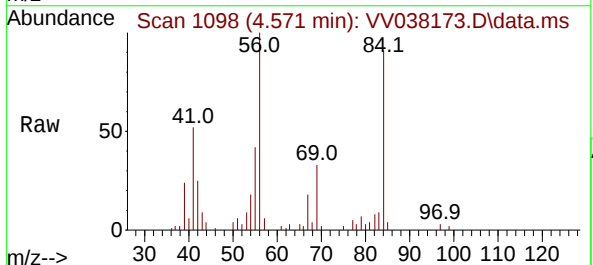
Instrument :
MSVOA_V
ClientSampleId :

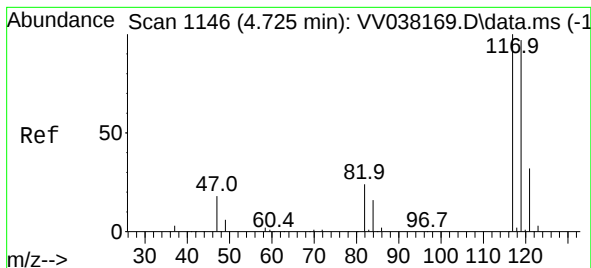
Tgt Ion: 97 Resp: 38569
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 42.3 32.2 48.2



#30
Cyclohexane
Concen: 1.026 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 56 Resp: 30659
Ion Ratio Lower Upper
56 100
69 29.6 26.0 39.0
84 93.6 75.6 113.4





#31

Carbon tetrachloride

Concen: 1.096 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

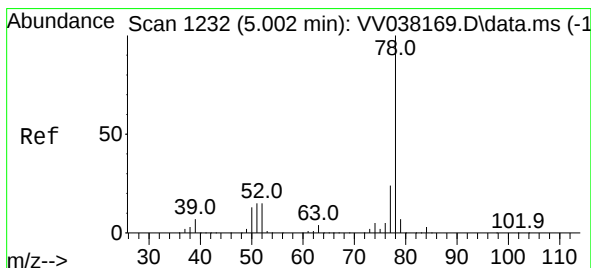
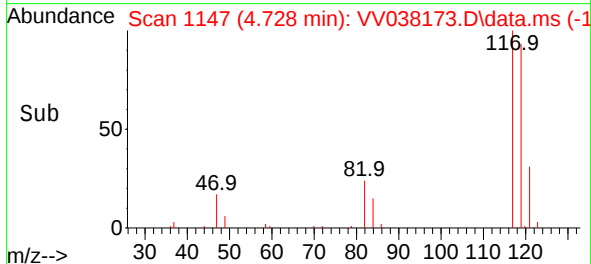
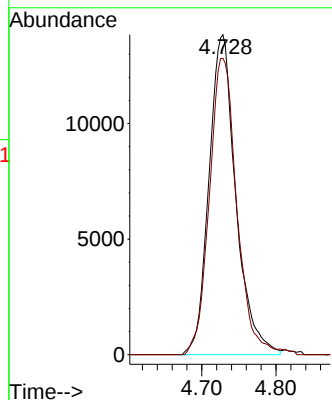
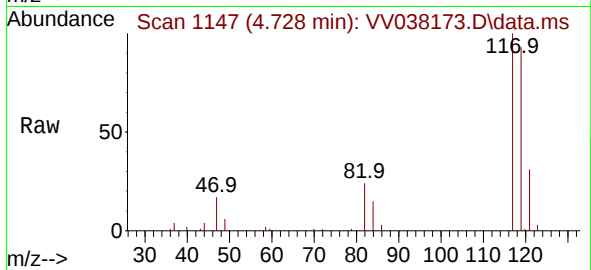
ClientSampleId :

Tgt Ion:117 Resp: 34845

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.2



#33

Benzene

Concen: 1.028 ug/L

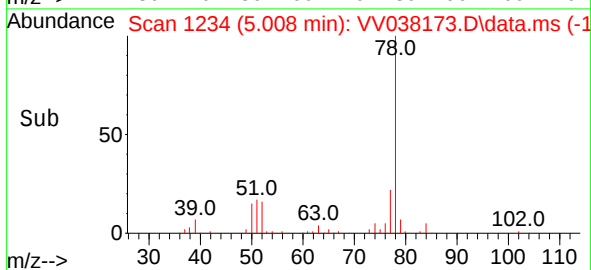
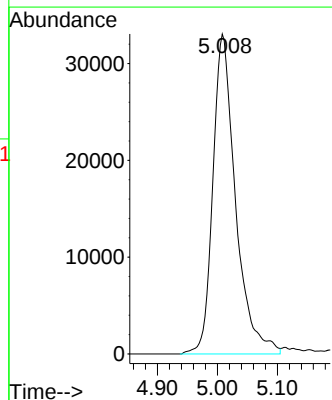
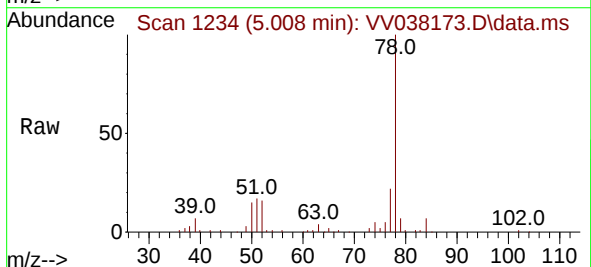
RT: 5.008 min Scan# 1234

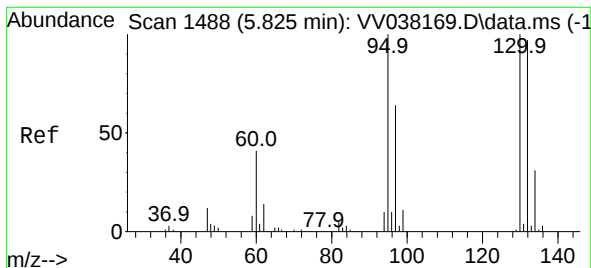
Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Tgt Ion: 78 Resp: 86747





#34

Trichloroethene

Concen: 1.076 ug/L

RT: 5.834 min Scan# 1488

Delta R.T. 0.010 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 24739

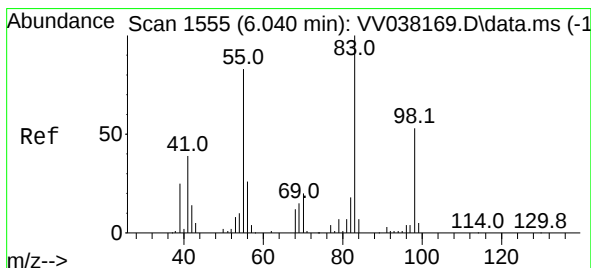
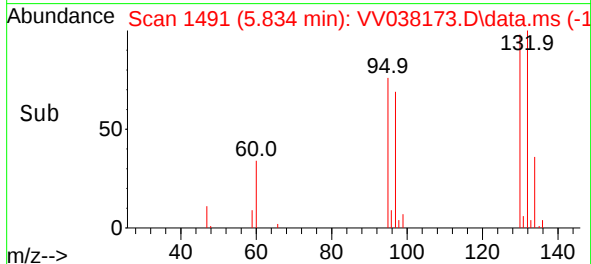
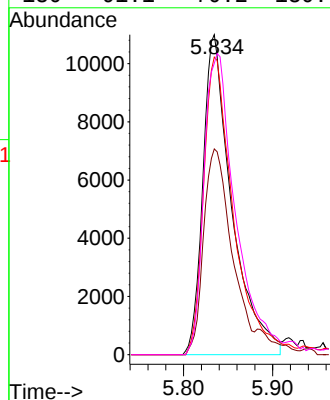
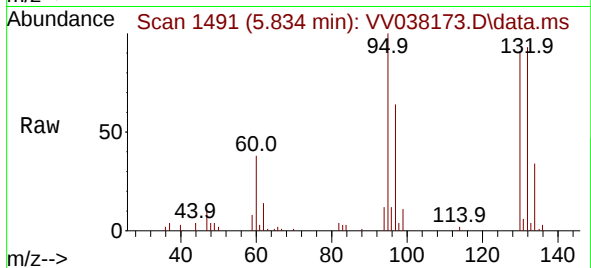
Ion Ratio Lower Upper

95 100

97 64.3 44.8 83.2

132 93.0 68.3 126.8

130 91.1 70.2 130.4



#35

Methylcyclohexane

Concen: 1.004 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

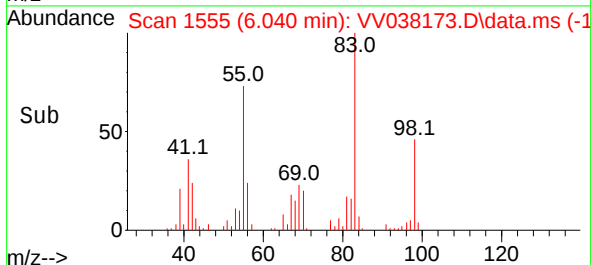
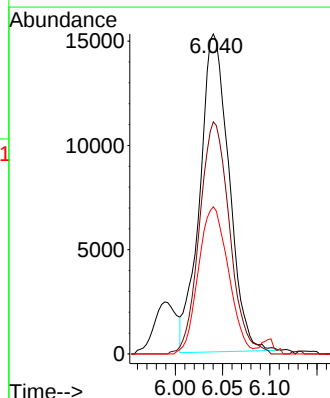
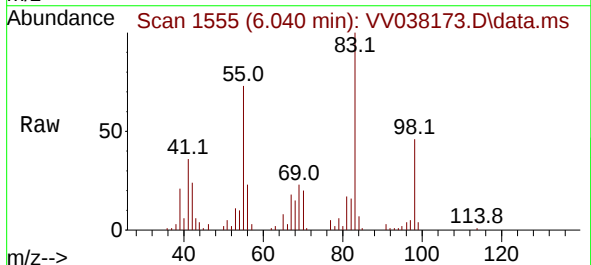
Tgt Ion: 83 Resp: 32686

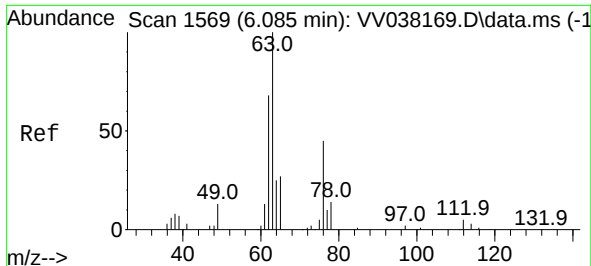
Ion Ratio Lower Upper

83 100

55 75.3 59.7 89.5

98 47.5 39.0 58.4

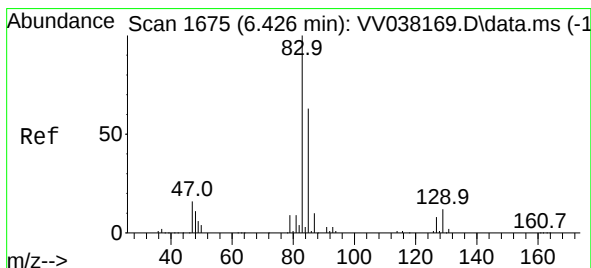
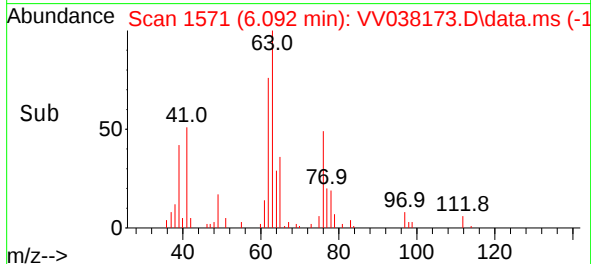
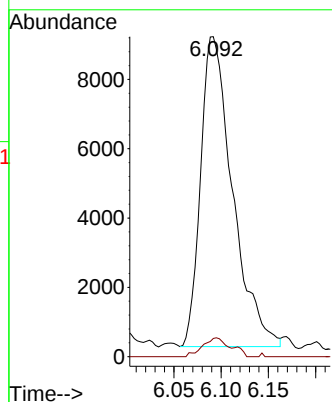
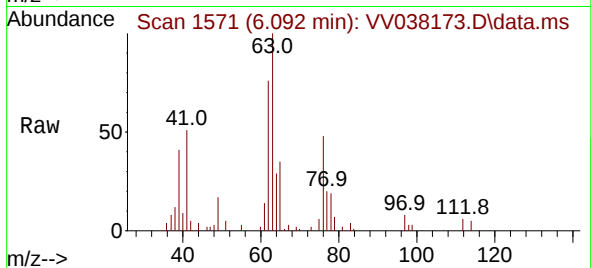




#37
1,2-Dichloropropane
Concen: 0.994 ug/L
RT: 6.092 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

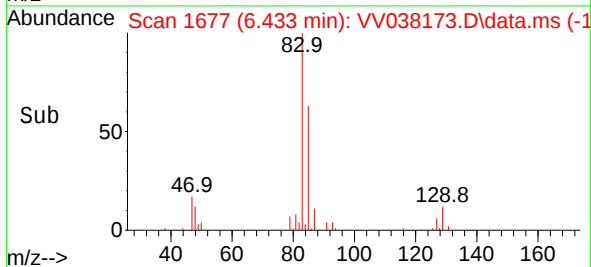
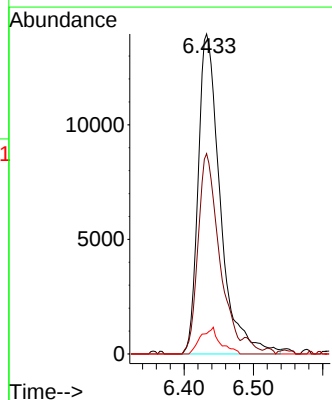
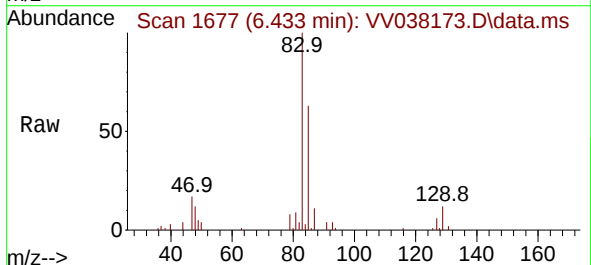
Instrument :
MSVOA_V
ClientSampleId :

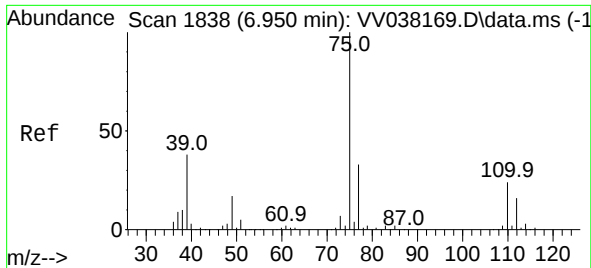
Tgt Ion: 63 Resp: 21007
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 1.088 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 83 Resp: 30921
Ion Ratio Lower Upper
83 100
85 62.6 43.9 81.5
127 6.4 6.7 10.1#

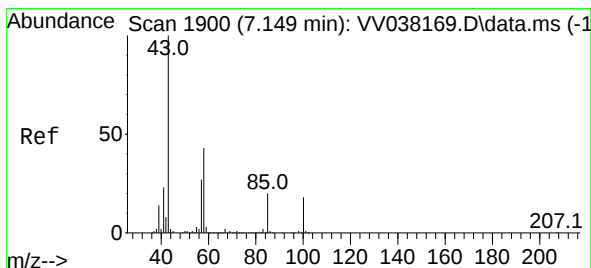
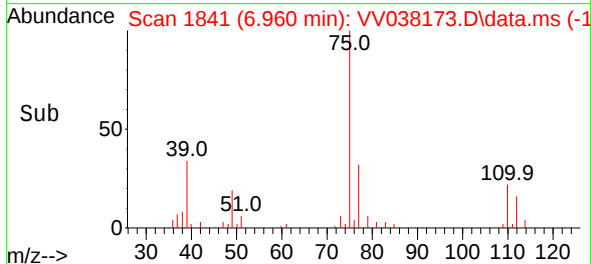
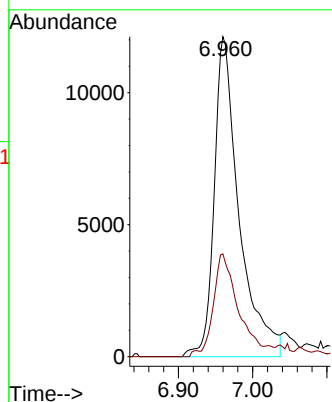
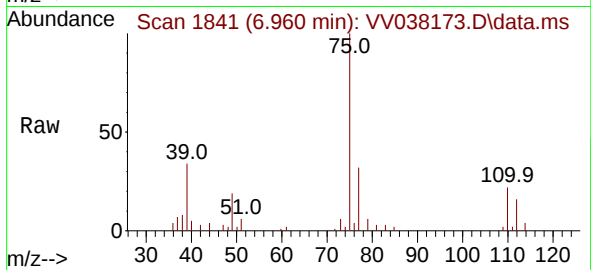




#39
cis-1,3-Dichloropropene
Concen: 0.986 ug/L
RT: 6.960 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

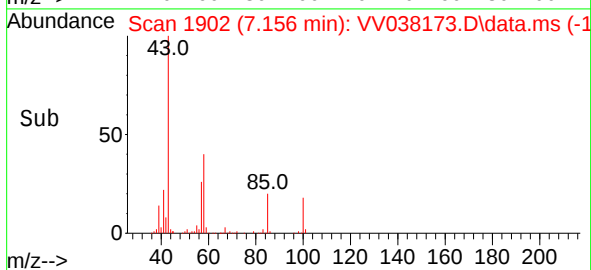
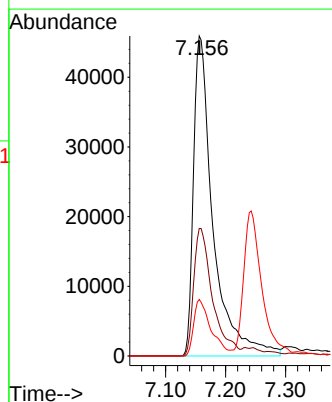
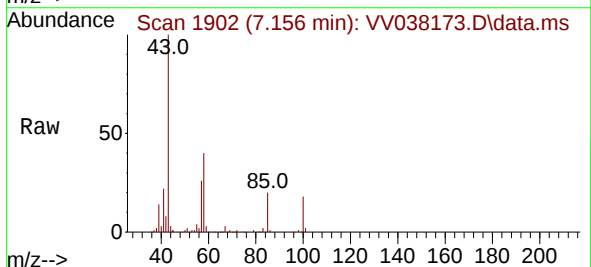
Instrument :
MSVOA_V
ClientSampleId :

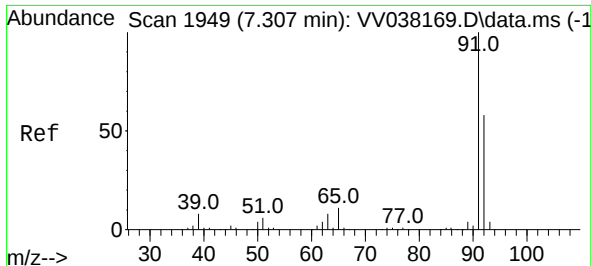
Tgt Ion: 75 Resp: 28178
Ion Ratio Lower Upper
75 100
77 32.1 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 9.591 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 43 Resp: 104320
Ion Ratio Lower Upper
43 100
58 38.3 33.4 50.2
100 15.7 14.3 21.5





#42

Toluene

Concen: 1.007 ug/L

RT: 7.313 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

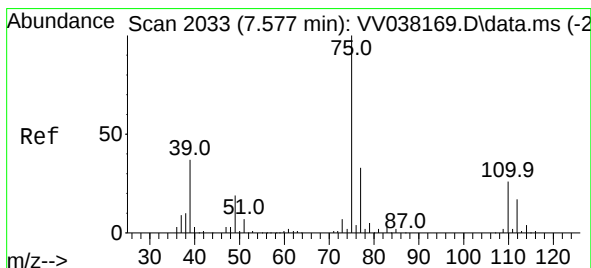
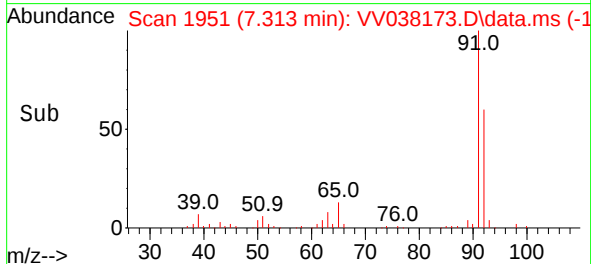
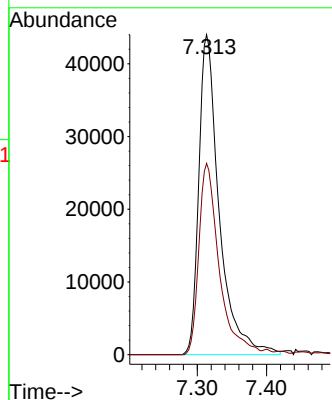
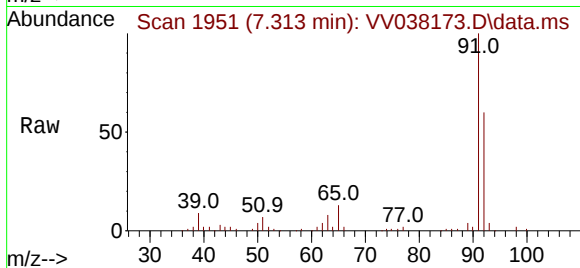
ClientSampleId :

Tgt Ion: 91 Resp: 89991

Ion Ratio Lower Upper

91 100

92 59.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.963 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV038173.D

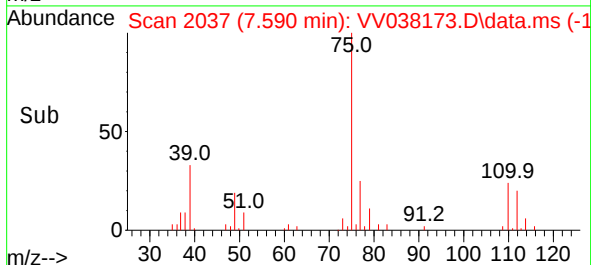
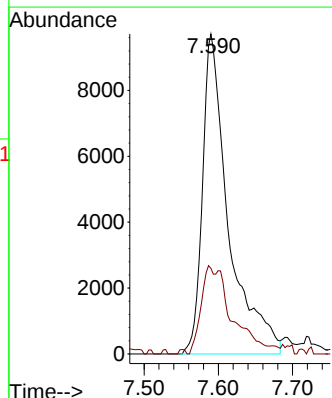
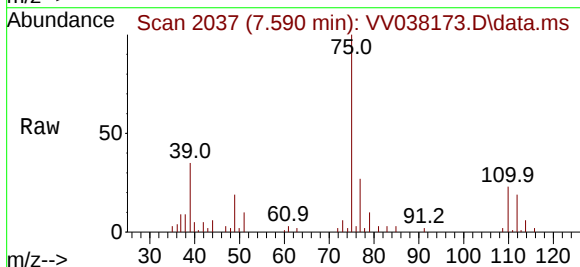
Acq: 19 Nov 2024 12:28

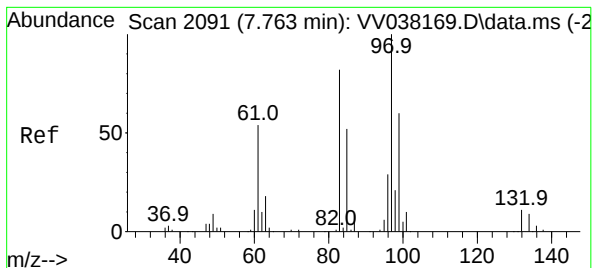
Tgt Ion: 75 Resp: 23622

Ion Ratio Lower Upper

75 100

77 26.7 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 1.082 ug/L

RT: 7.770 min Scan# 2091

Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 18548

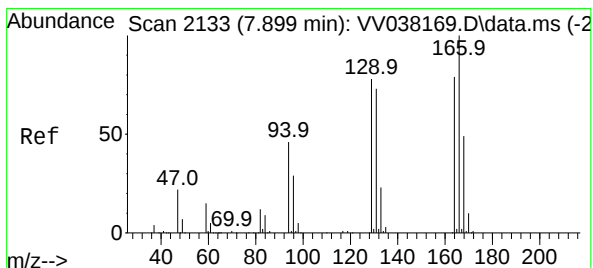
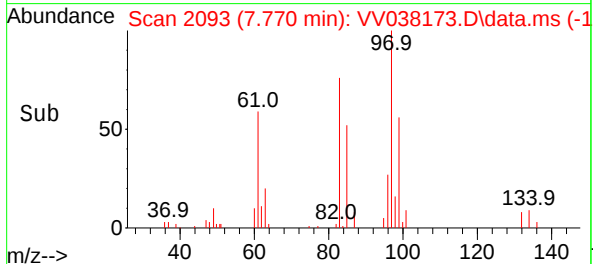
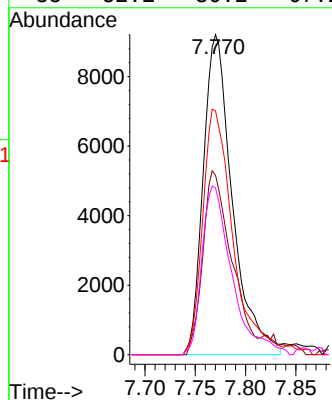
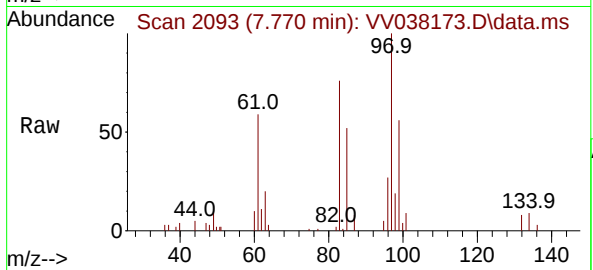
Ion Ratio Lower Upper

97 100

99 56.0 41.9 77.7

83 76.2 57.7 107.1

85 52.1 36.2 67.2



#47

Tetrachloroethene

Concen: 1.132 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Tgt Ion:164 Resp: 20925

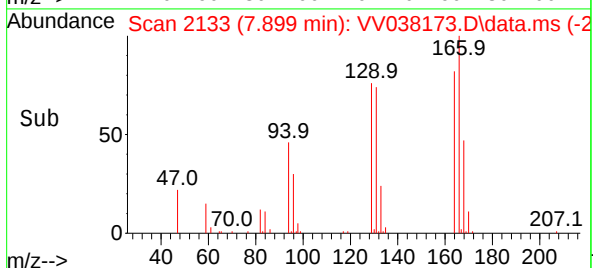
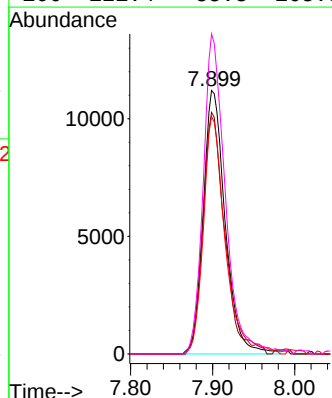
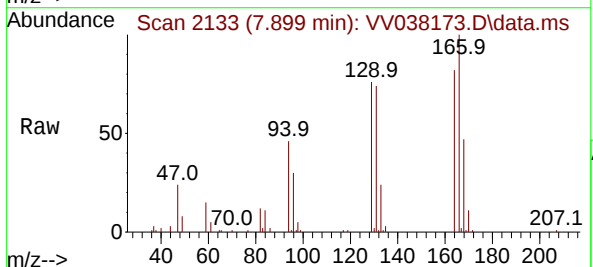
Ion Ratio Lower Upper

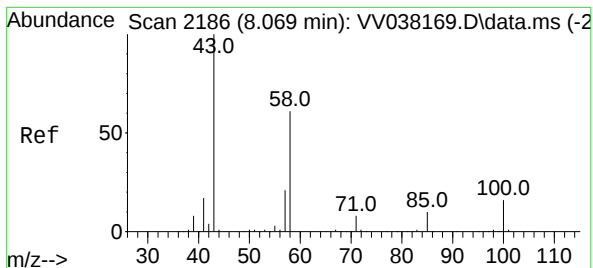
164 100

129 91.7 68.5 127.1

131 90.1 64.8 120.4

166 121.4 88.3 163.9





#48

2-Hexanone

Concen: 9.030 ug/L

RT: 8.082 min Scan# 2186

Delta R.T. 0.013 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 67792

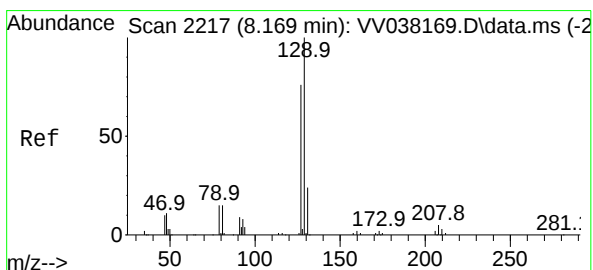
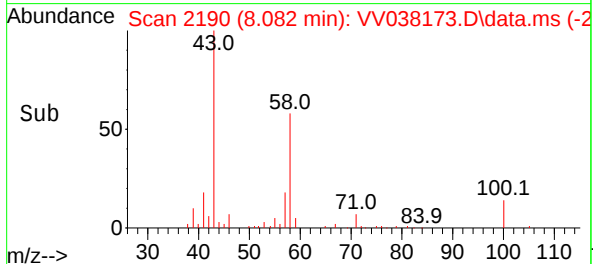
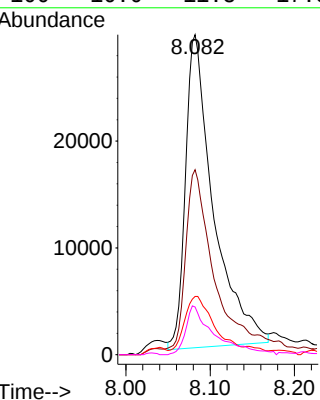
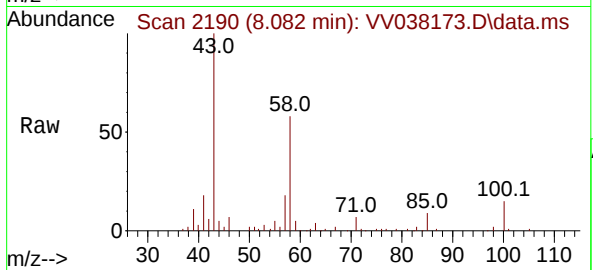
Ion Ratio Lower Upper

43 100

58 61.0 49.2 73.8

57 18.0 16.9 25.3

100 16.0 11.8 17.8



#49

Dibromochloromethane

Concen: 1.067 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV038173.D

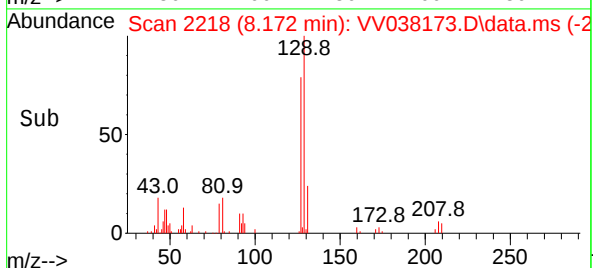
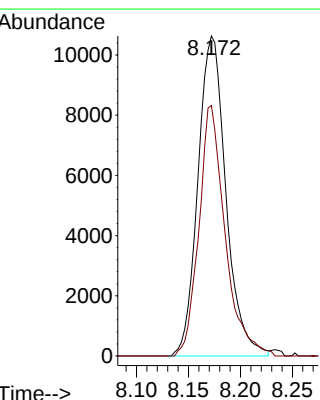
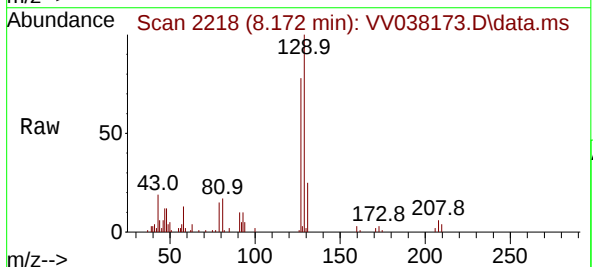
Acq: 19 Nov 2024 12:28

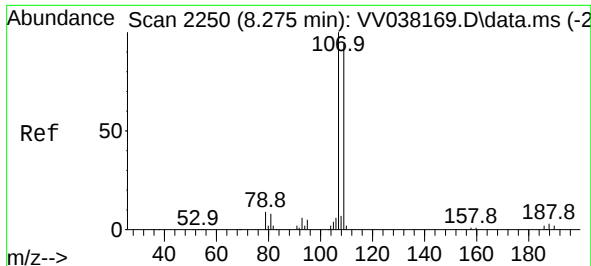
Tgt Ion: 129 Resp: 19938

Ion Ratio Lower Upper

129 100

127 78.2 53.5 99.3

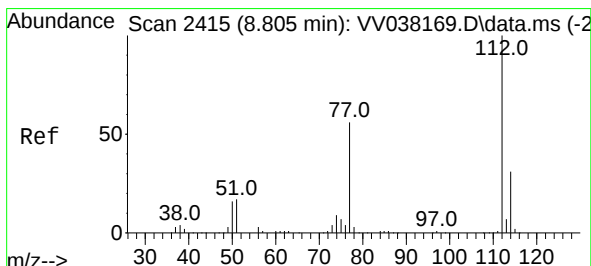
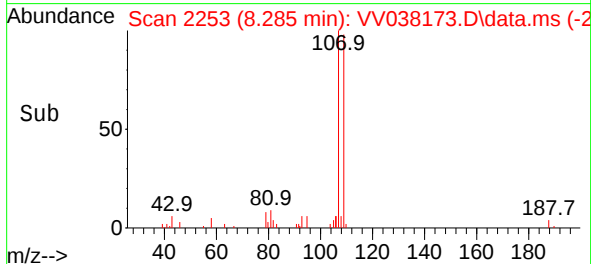
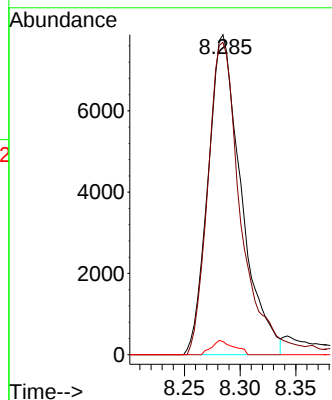
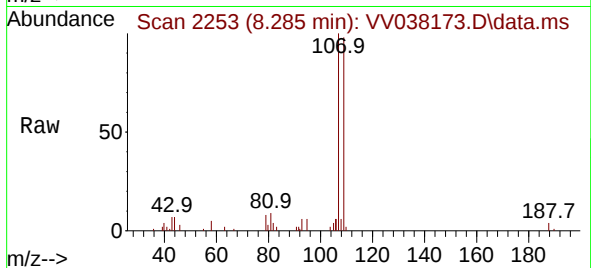




#50
1,2-Dibromoethane
Concen: 1.028 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

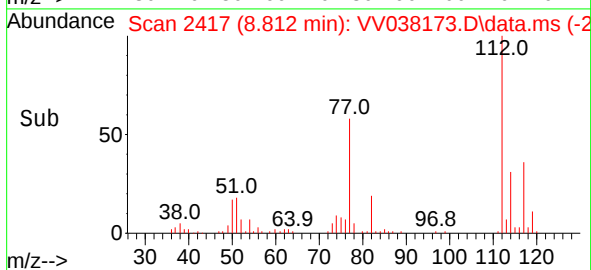
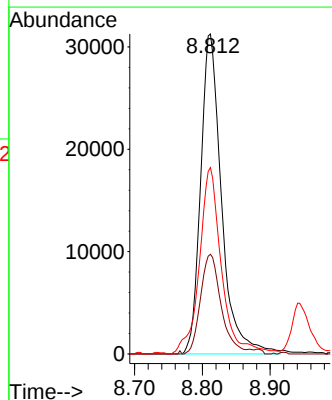
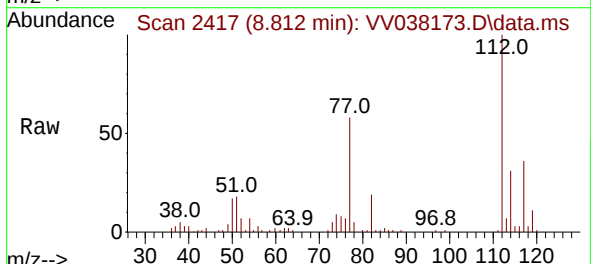
Instrument :
MSVOA_V
ClientSampleId :

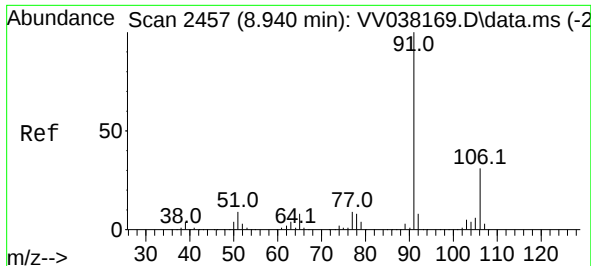
Tgt Ion:107 Resp: 16331
Ion Ratio Lower Upper
107 100
109 97.6 66.1 122.7
188 4.1 2.6 3.8#



#51
Chlorobenzene
Concen: 1.089 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion:112 Resp: 67050
Ion Ratio Lower Upper
112 100
114 31.1 22.0 40.8
77 58.3 45.0 67.4

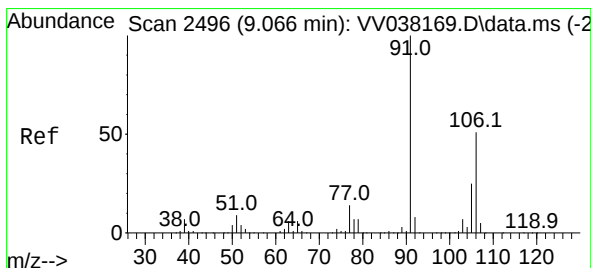
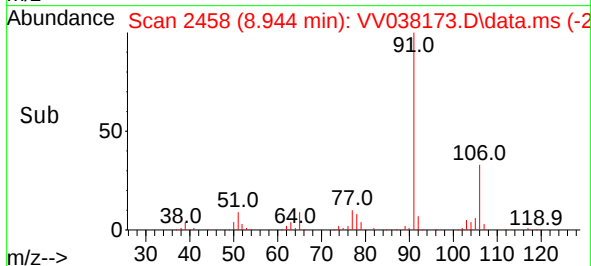
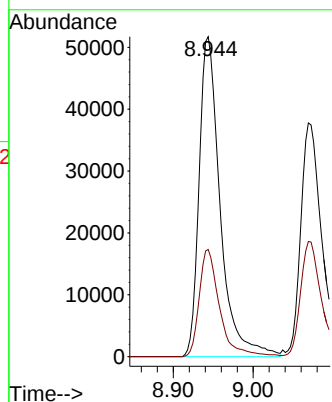
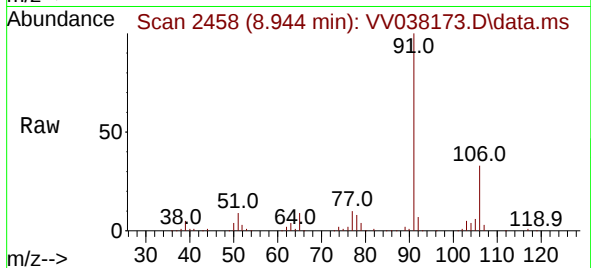




#52
Ethylbenzene
Concen: 1.001 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

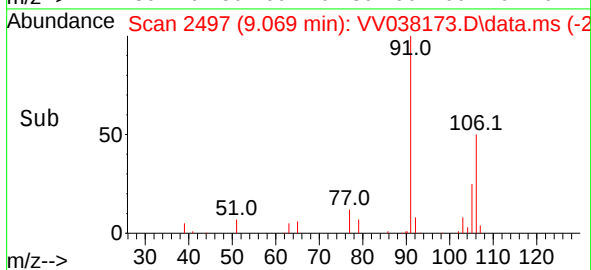
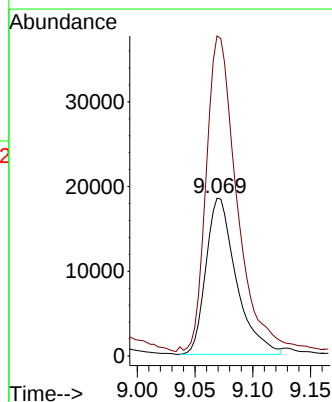
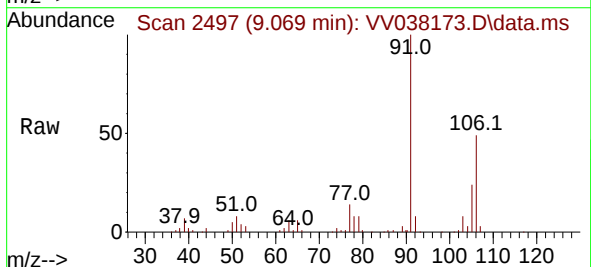
Instrument :
MSVOA_V
ClientSampleId :

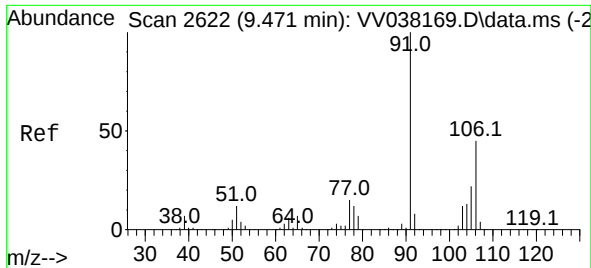
Tgt Ion: 91 Resp: 94850
Ion Ratio Lower Upper
91 100
106 33.5 21.8 40.4



#53
m,p-Xylene
Concen: 0.941 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 106 Resp: 33647
Ion Ratio Lower Upper
106 100
91 202.9 138.7 257.5

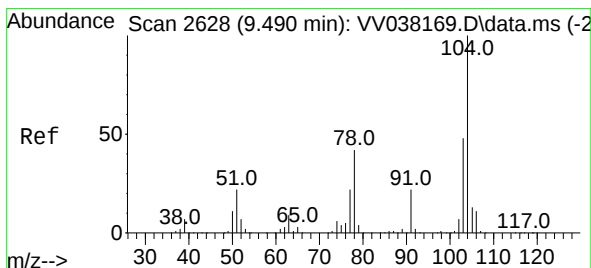
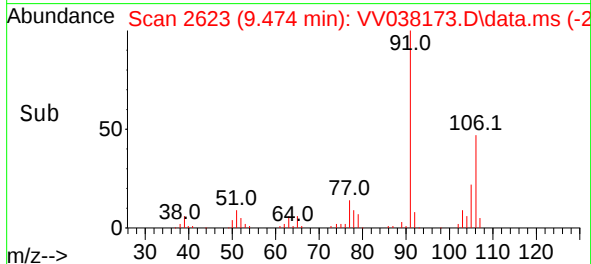
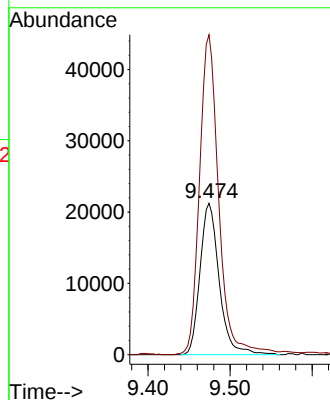
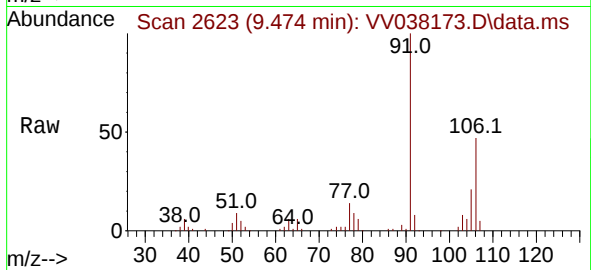




#54
o-Xylene
Concen: 0.990 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

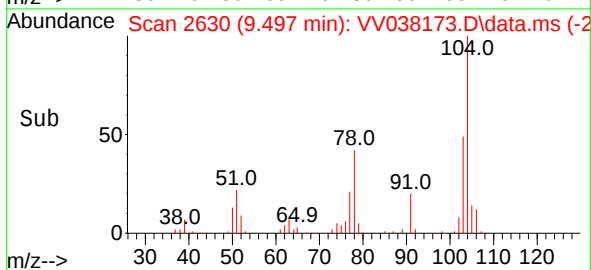
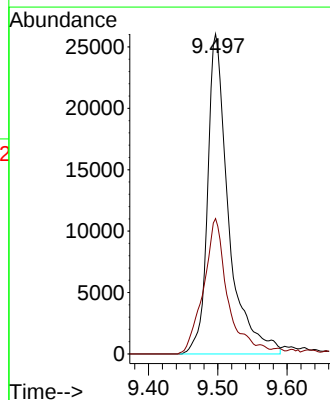
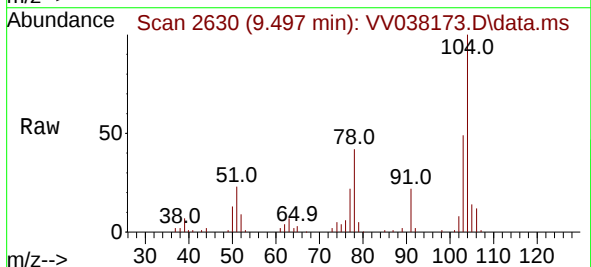
Instrument :
MSVOA_V
ClientSampleId :

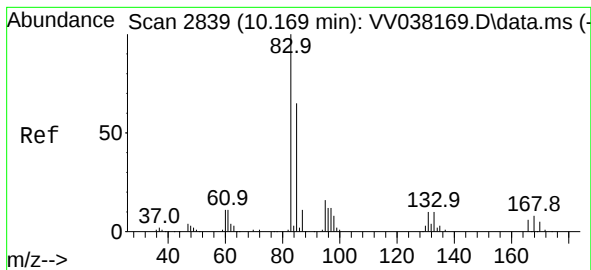
Tgt Ion:106 Resp: 34488
Ion Ratio Lower Upper
106 100
91 211.3 155.5 288.7



#55
Styrene
Concen: 0.904 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion:104 Resp: 54745
Ion Ratio Lower Upper
104 100
78 42.3 29.7 55.1

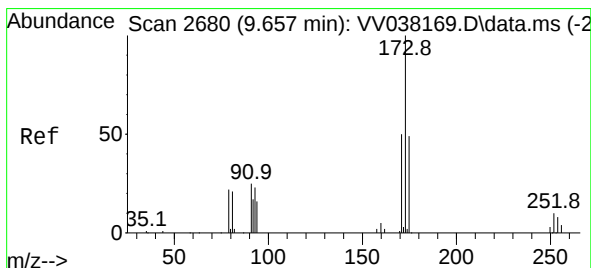
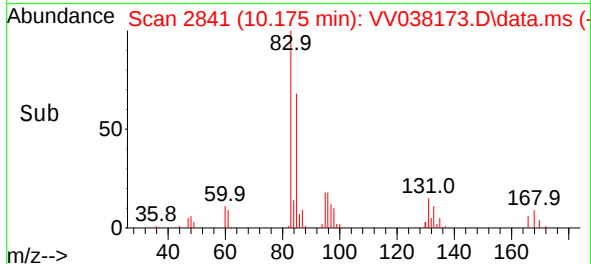
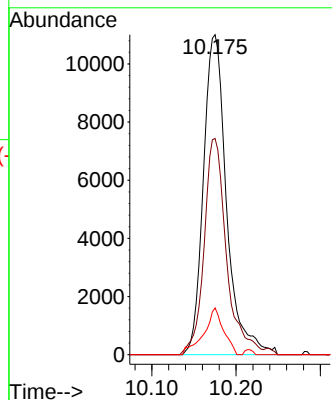
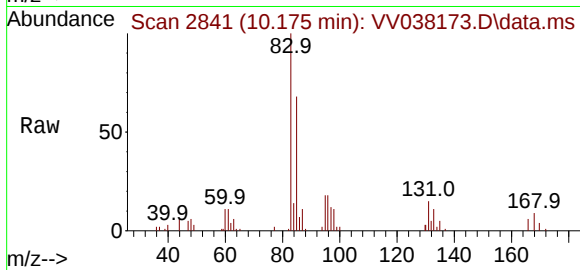




#57
1,1,2,2-Tetrachloroethane
Concen: 1.053 ug/L
RT: 10.175 min Scan# 21105
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

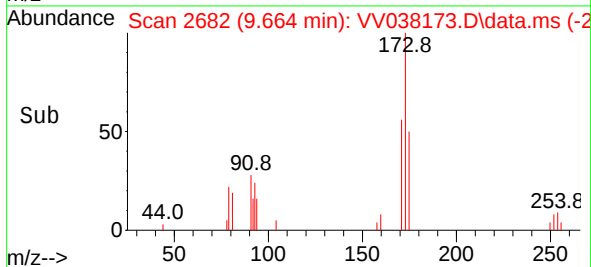
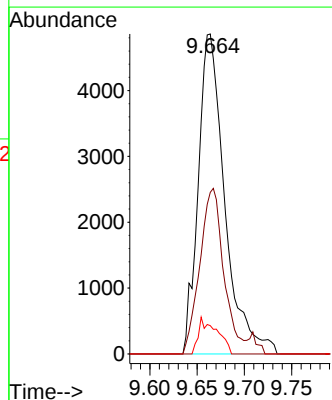
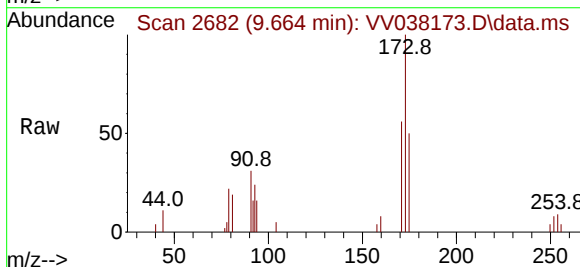
Instrument :
MSVOA_V
ClientSampleId :

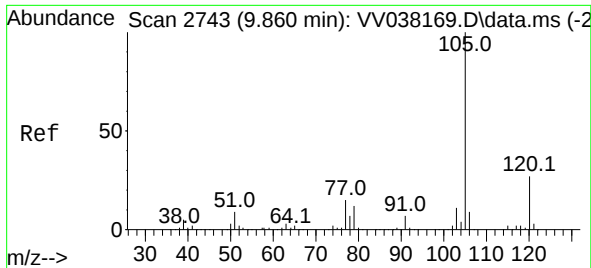
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	45.7	84.9
131	14.6	8.2	12.4



#59
Bromoform
Concen: 1.061 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.007 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	38.5	57.7
254	7.9	6.9	10.3

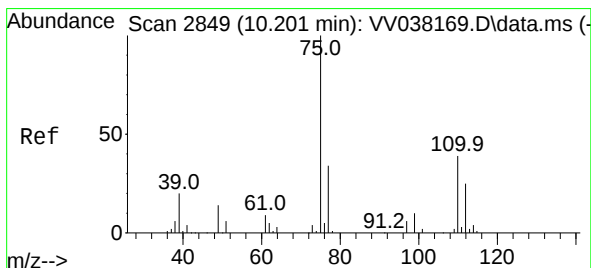
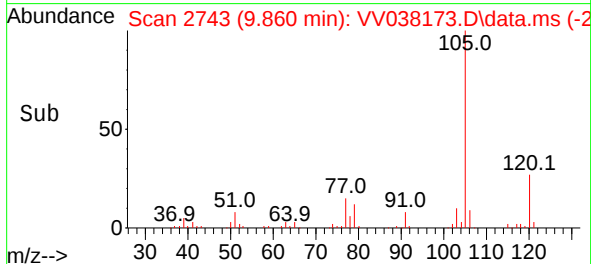
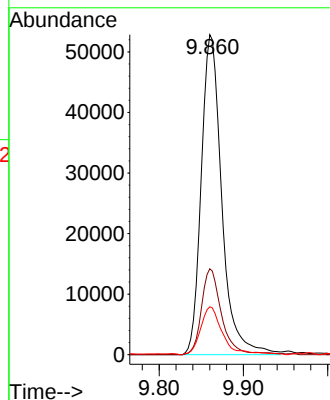
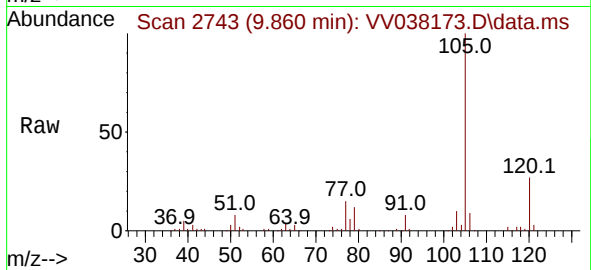




#60
Isopropylbenzene
Concen: 1.013 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

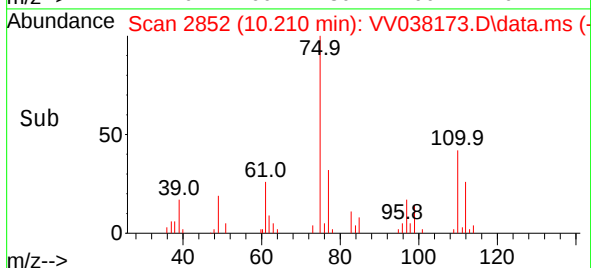
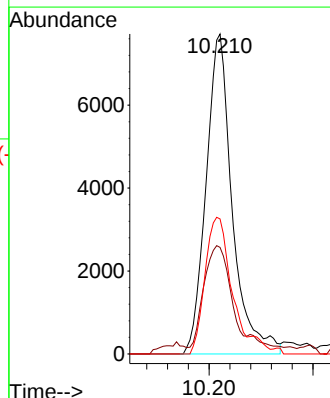
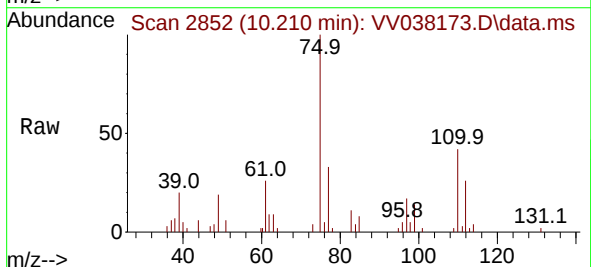
Instrument :
MSVOA_V
ClientSampleId :

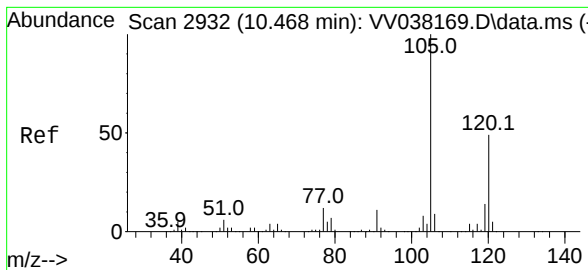
Tgt Ion:105 Resp: 89747
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2
77 16.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 1.025 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.010 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 75 Resp: 13493
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 45.1 32.3 48.5

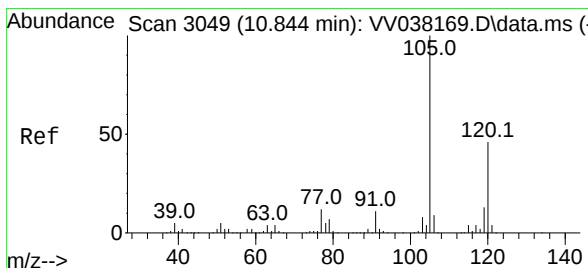
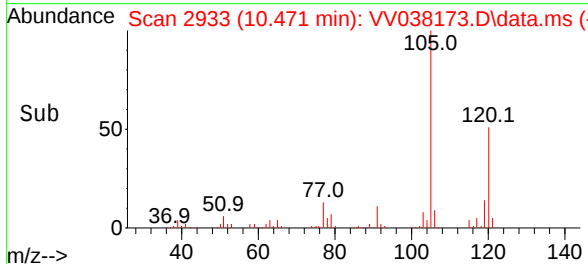
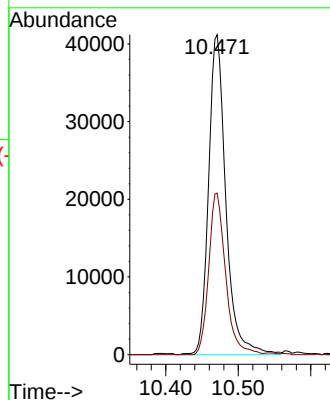
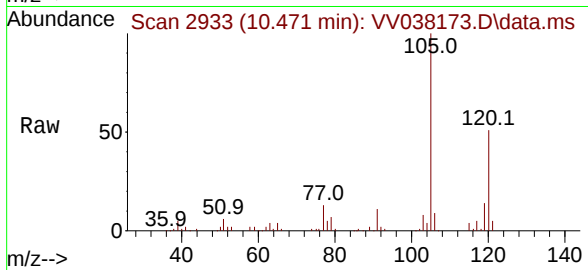




#62
 1,3,5-Trimethylbenzene
 Concen: 0.970 ug/L
 RT: 10.471 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV038173.D
 Acq: 19 Nov 2024 12:28

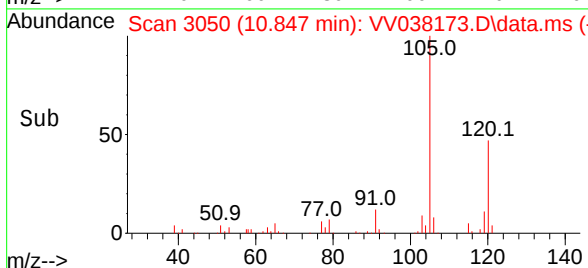
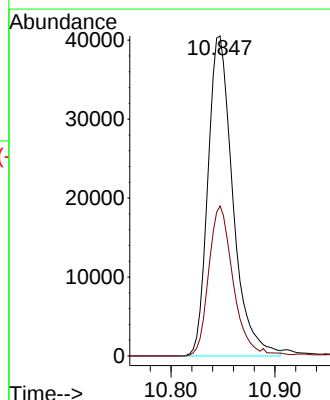
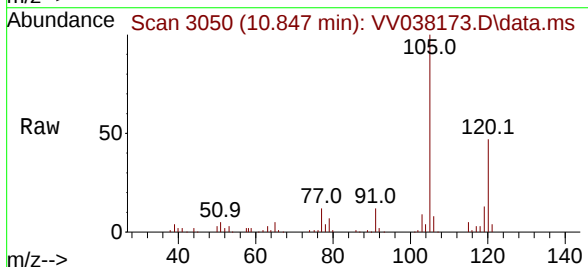
Instrument :
 MSVOA_V
 ClientSampleId :

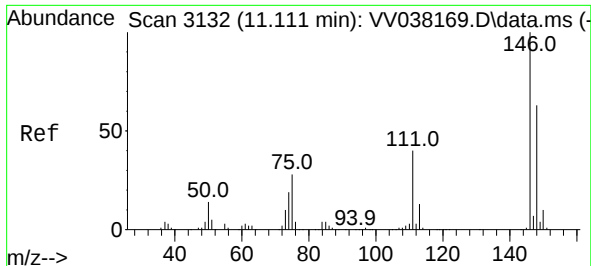
Tgt Ion:105 Resp: 68169
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.963 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.003 min
 Lab File: VV038173.D
 Acq: 19 Nov 2024 12:28

Tgt Ion:105 Resp: 67527
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.0 55.4

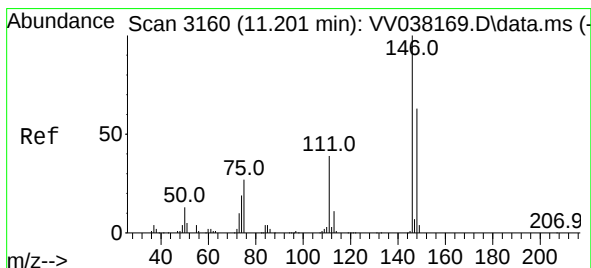
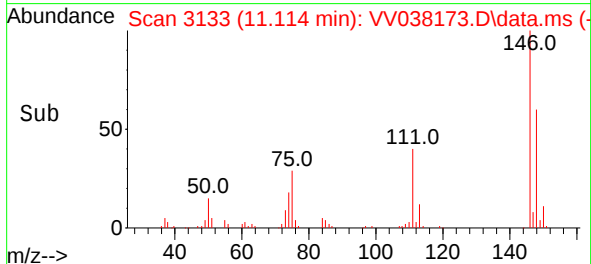
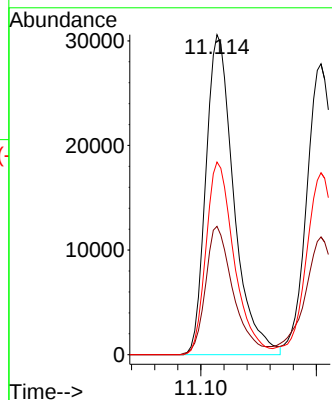
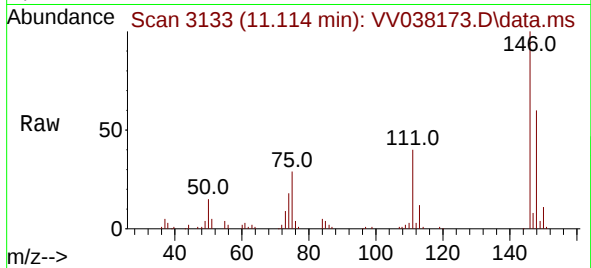




#64
1,3-Dichlorobenzene
Concen: 1.080 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

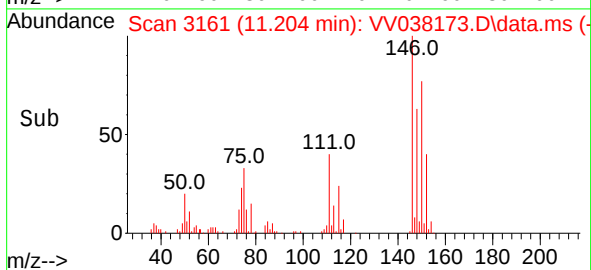
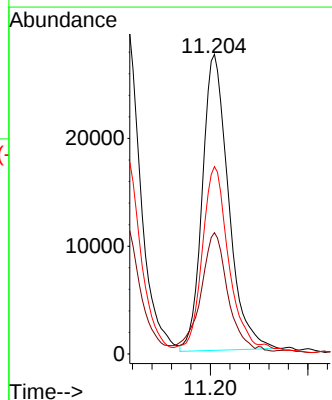
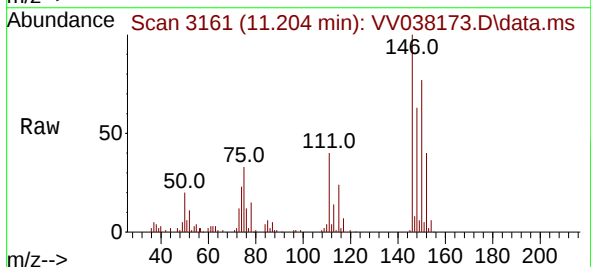
Instrument :
MSVOA_V
ClientSampleId :

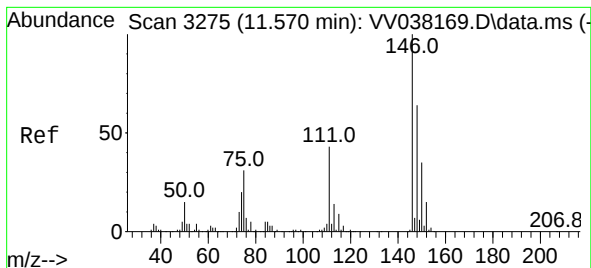
Tgt Ion:146 Resp: 51380
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 60.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 1.067 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038173.D
Acq: 19 Nov 2024 12:28

Tgt Ion:146 Resp: 51291
Ion Ratio Lower Upper
146 100
111 40.5 27.4 50.8
148 62.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 1.074 ug/L

RT: 11.574 min Scan# 3275

Delta R.T. 0.003 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

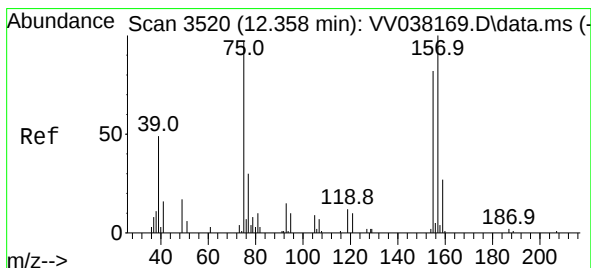
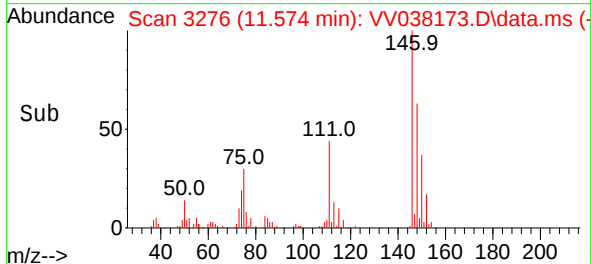
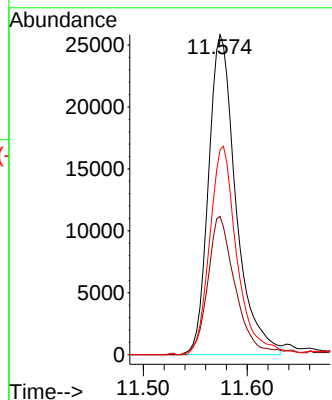
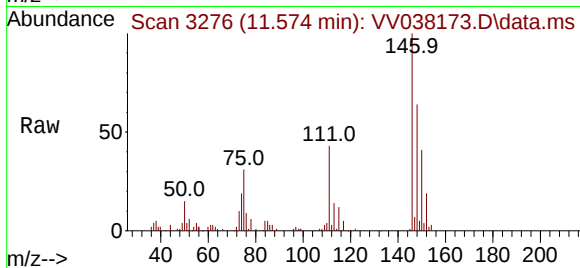
Tgt Ion:146 Resp: 47270

Ion Ratio Lower Upper

146 100

111 43.2 34.2 51.2

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.177 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

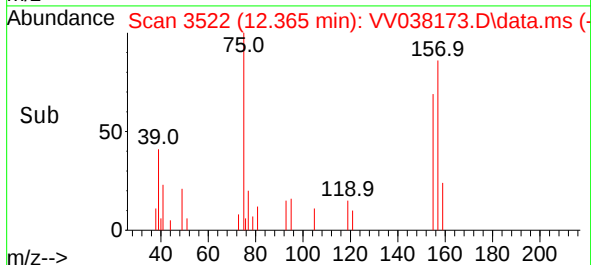
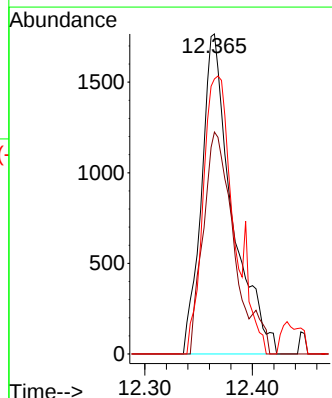
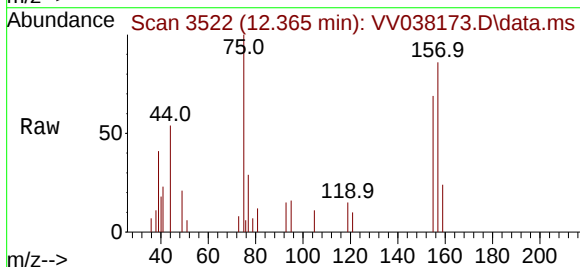
Tgt Ion: 75 Resp: 3478

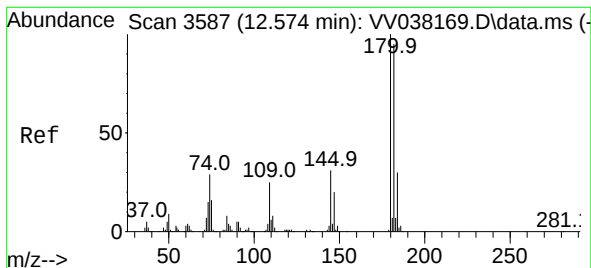
Ion Ratio Lower Upper

75 100

155 69.4 67.5 101.3

157 86.0 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 1.121 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

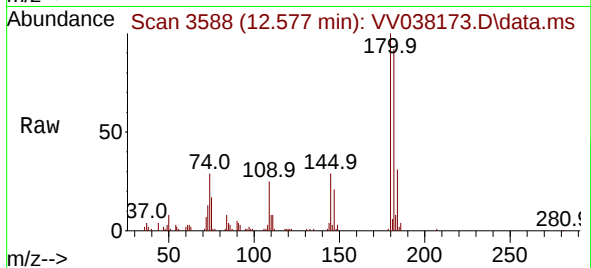
Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 37784

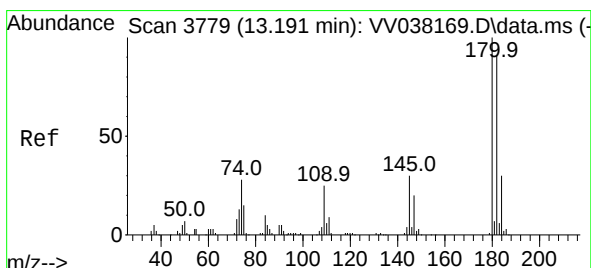
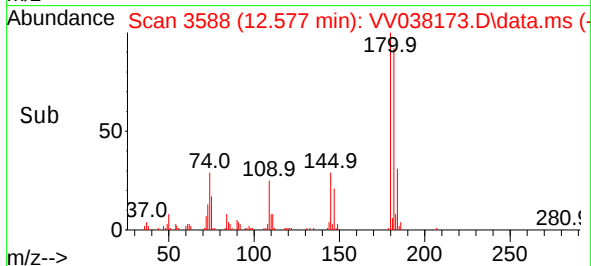
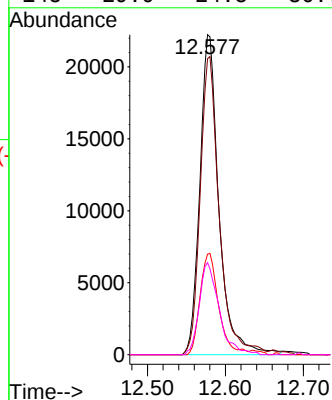
Ion Ratio Lower Upper

180 100

182 92.8 76.0 114.0

184 30.2 23.7 35.5

145 29.9 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 1.043 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

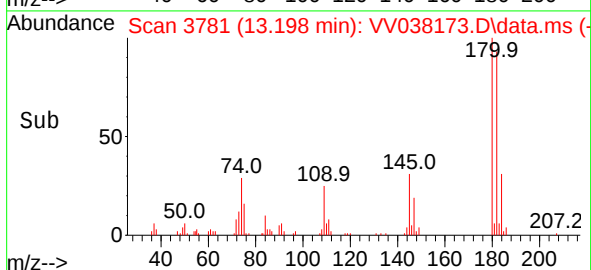
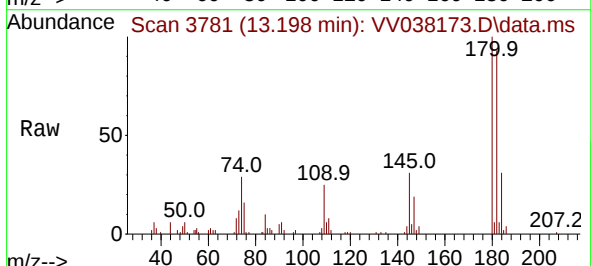
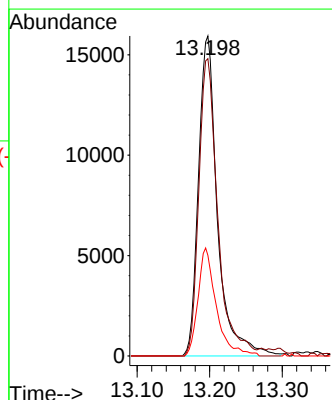
Tgt Ion:180 Resp: 29035

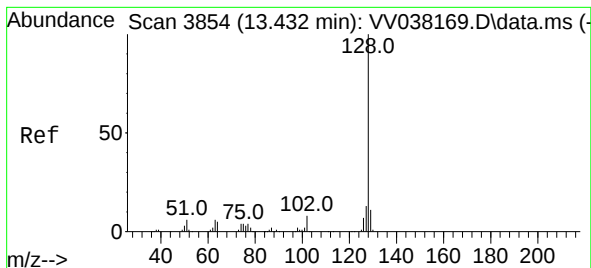
Ion Ratio Lower Upper

180 100

182 92.6 73.8 110.8

145 32.4 24.6 37.0





#71

Naphthalene

Concen: 1.014 ug/L

RT: 13.439 min Scan# 3930

Delta R.T. 0.007 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

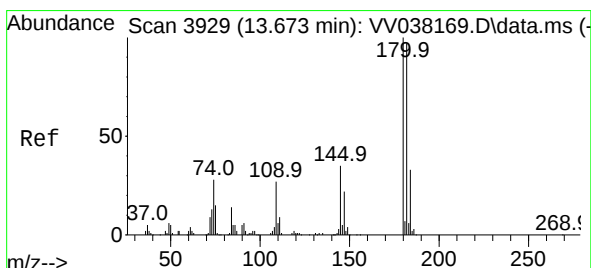
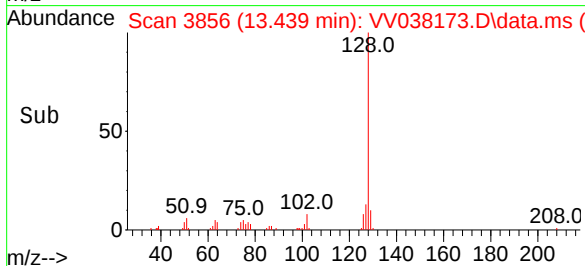
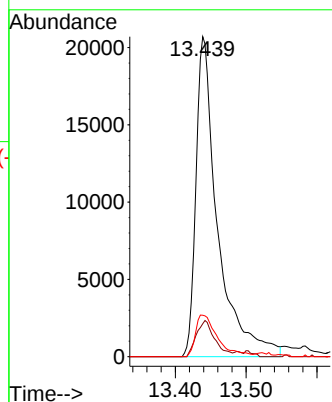
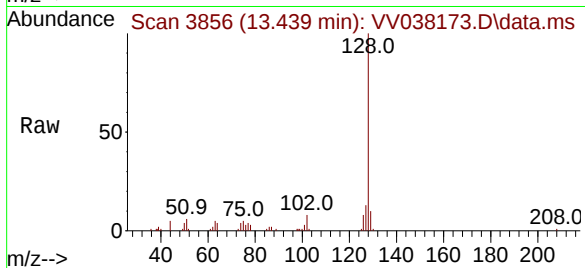
Tgt Ion:128 Resp: 43919

Ion Ratio Lower Upper

128 100

129 9.6 8.5 12.7

127 13.2 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 1.026 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV038173.D

Acq: 19 Nov 2024 12:28

Tgt Ion:180 Resp: 26397

Ion Ratio Lower Upper

180 100

182 94.9 75.1 112.7

145 34.5 27.0 40.4

