

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035601.D
 Acq On : 14 May 2024 10:12
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210108	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	13922	0.764	ug/L	0.00
7) Chloroethane-d5	1.529	69	12642	0.870	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	6103	0.780	ug/L	0.00
20) 2-Butanone-d5	3.899	46	7199	2.242	ug/L	0.06
24) Chloroform-d	4.249	84	28821	0.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	12642	0.894	ug/L	0.01
32) Benzene-d6	4.963	84	46891	0.777	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	15753	0.834	ug/L	0.00
41) Toluene-d8	7.246	98	39804	0.736	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	4864	0.724	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	16787	5.916	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	12487	0.853	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	16075	0.916	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	16909	0.886	ug/L	100
3) Chloromethane	1.214	50	18873	0.847	ug/L	95
5) Vinyl chloride	1.278	62	19199	0.874	ug/L	99
6) Bromomethane	1.484	94	12557	0.969	ug/L	99
8) Chloroethane	1.545	64	12187	0.898	ug/L	95
9) Trichlorofluoromethane	1.709	101	24336	0.924	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	15158	0.932	ug/L	97
12) 1,1-Dichloroethene	2.066	96	14636	0.940	ug/L	97
13) Acetone	2.224	43	674	0.297	ug/L	78
14) Carbon disulfide	2.236	76	39186	0.811	ug/L	99
15) Methyl Acetate	2.400	43	2254	0.386	ug/L #	42
16) Methylene chloride	2.445	84	24119	1.228	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	30112	0.846	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	14320	0.895	ug/L	95
19) 1,1-Dichloroethane	3.111	63	29727	0.927	ug/L	97
21) 2-Butanone	3.950	43	3907	1.084	ug/L	78
22) cis-1,2-Dichloroethene	3.825	96	15144	0.916	ug/L	91
23) Bromochloromethane	4.153	128	7729	1.015	ug/L	93
25) Chloroform	4.281	83	31074	0.981	ug/L	97
27) 1,2-Dichloroethane	5.056	62	15904	0.862	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	24731	0.896	ug/L	99
30) Cyclohexane	4.574	56	16069	0.644	ug/L	98
31) Carbon tetrachloride	4.735	117	21627	0.912	ug/L	98
33) Benzene	5.014	78	50894	0.747	ug/L	100
34) Trichloroethene	5.841	95	16275	0.901	ug/L	100
35) Methylcyclohexane	6.047	83	18497	0.705	ug/L	100
37) 1,2-Dichloropropane	6.098	63	14206	0.791	ug/L	98
38) Bromodichloromethane	6.439	83	20707	0.933	ug/L	100
39) cis-1,3-Dichloropropene	6.966	75	16314	0.688	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	57101	6.130	ug/L	97
42) Toluene	7.317	91	52799	0.746	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14603	0.750	ug/L	95

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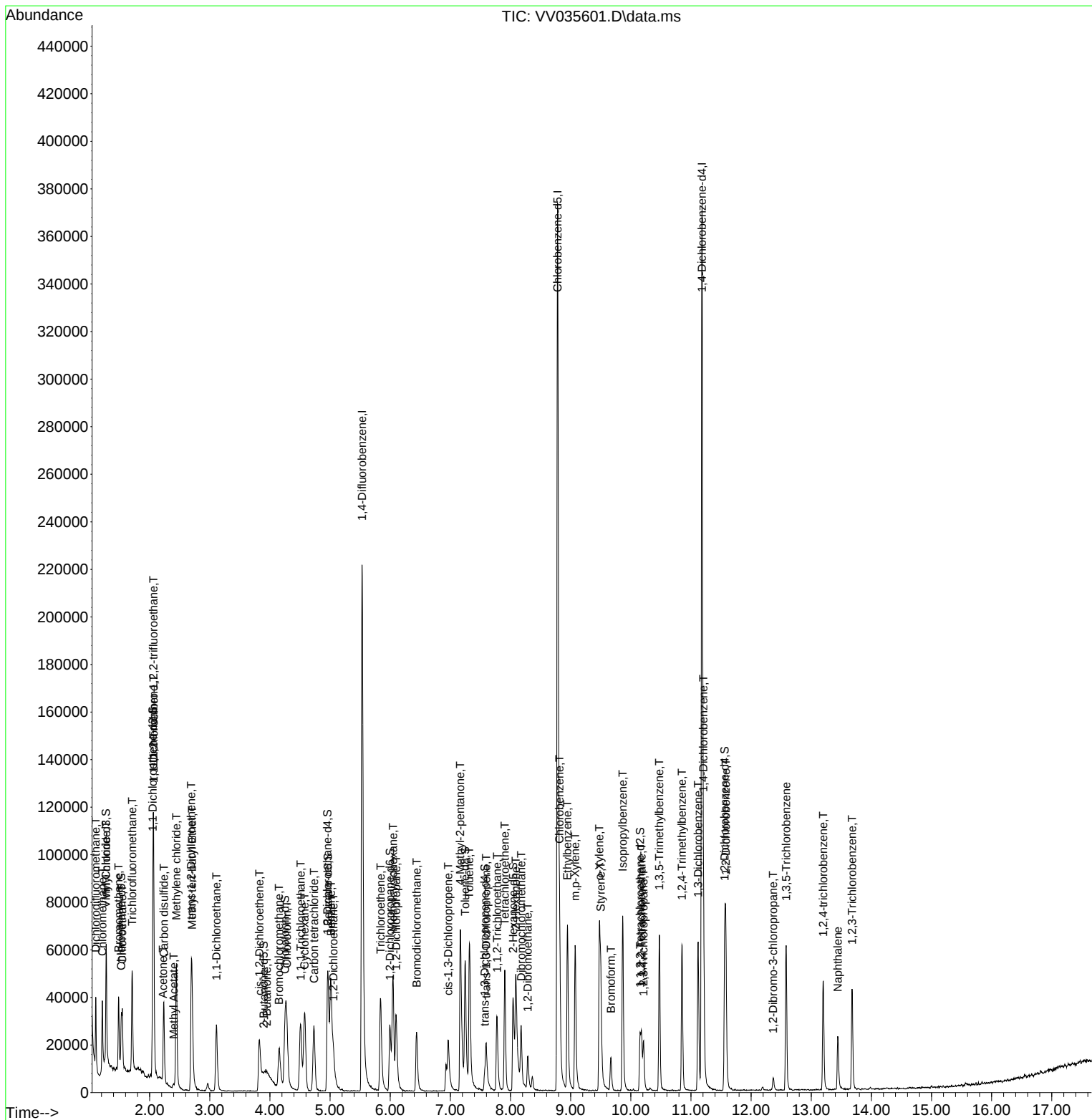
Quant Time: May 15 02:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

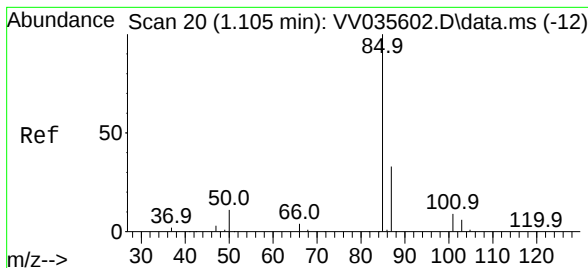
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	11895	0.931	ug/L	95
47) Tetrachloroethene	7.905	164	12363	0.860	ug/L	94
48) 2-Hexanone	8.088	43	40209	5.829	ug/L #	91
49) Dibromochloromethane	8.178	129	12894	0.959	ug/L	98
50) 1,2-Dibromoethane	8.288	107	10856	0.904	ug/L	91
51) Chlorobenzene	8.815	112	39806	0.859	ug/L	99
52) Ethylbenzene	8.947	91	52170	0.696	ug/L	100
53) m,p-Xylene	9.075	106	19442	0.697	ug/L	98
54) o-Xylene	9.477	106	17763	0.661	ug/L	96
55) Styrene	9.500	104	27952	0.615	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	12299	0.806	ug/L	98
59) Bromoform	9.670	173	7204	1.147	ug/L #	97
60) Isopropylbenzene	9.866	105	48407	0.762	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	9711	0.964	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.474	105	35294	0.694	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	34090	0.677	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	28358	0.870	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	30783	0.903	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	27299	0.900	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1929	0.962	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.583	180	20944	0.854	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	16368	0.801	ug/L	99
71) Naphthalene	13.442	128	20507	0.693	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14432	0.790	ug/L	97

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

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QLast Update : Wed May 15 02:01:14 2024
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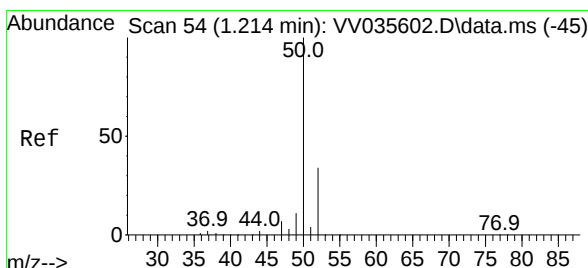
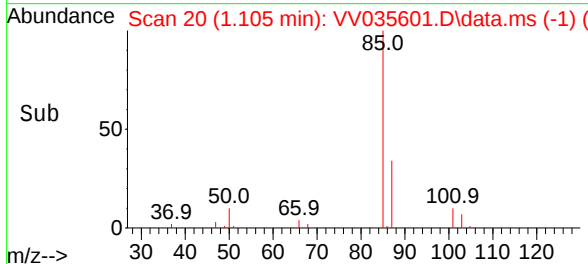
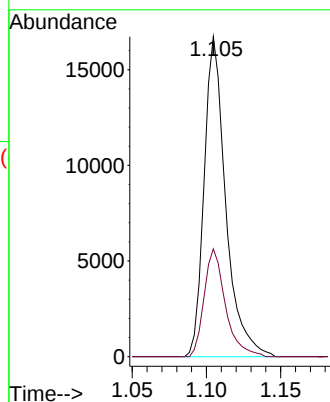
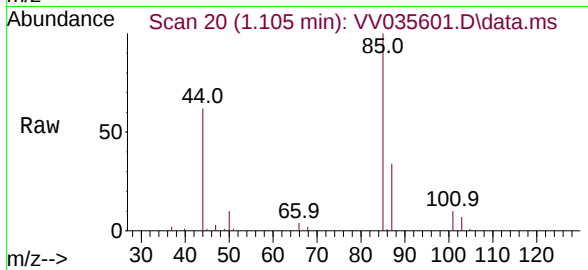




#2
 Dichlorodifluoromethane
 Concen: 0.886 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035601.D
 Acq: 14 May 2024 10:12

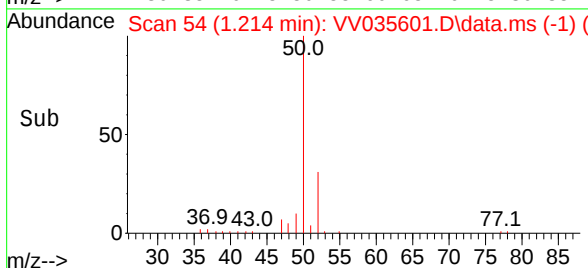
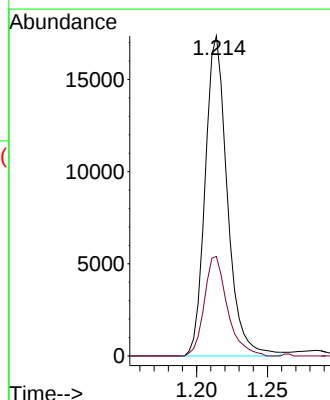
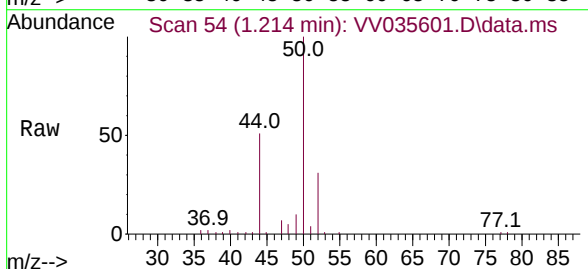
Instrument :
 MSVOA_V
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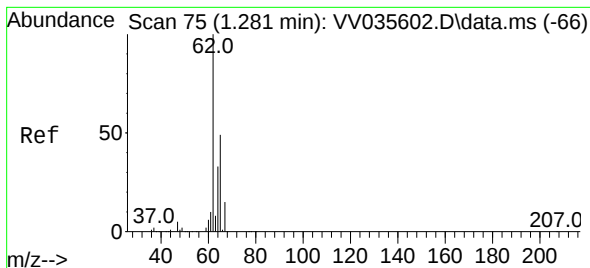
Tgt Ion: 85 Resp: 16909
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.4 39.6



#3
 Chloromethane
 Concen: 0.847 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035601.D
 Acq: 14 May 2024 10:12

Tgt Ion: 50 Resp: 18873
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.7 43.9





#5

Vinyl chloride

Concen: 0.874 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

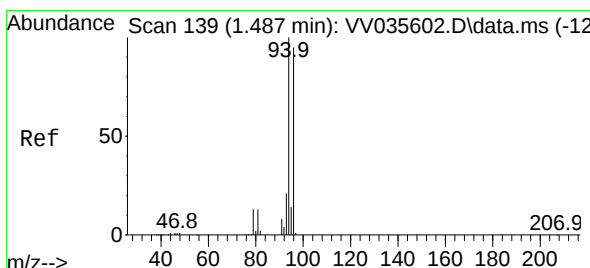
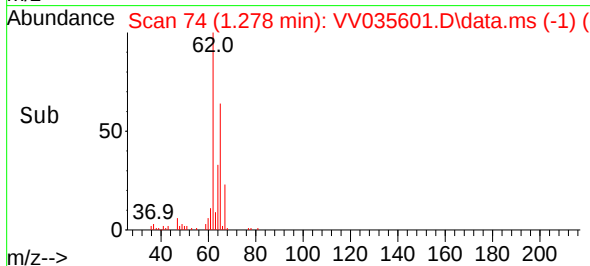
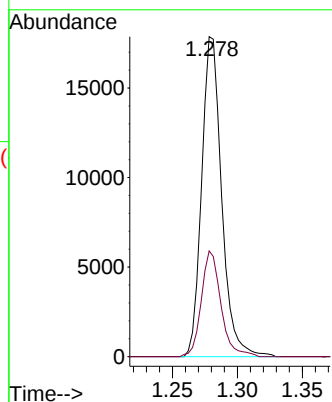
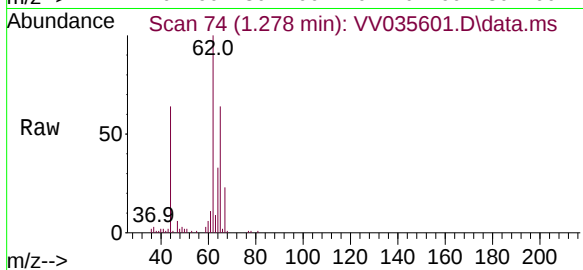
ClientSampleId :

Tgt Ion: 62 Resp: 19199

Ion Ratio Lower Upper

62 100

64 33.0 22.9 42.5



#6

Bromomethane

Concen: 0.969 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035601.D

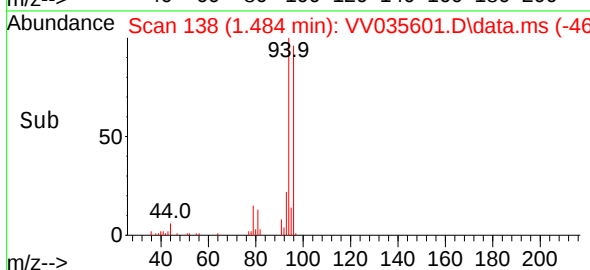
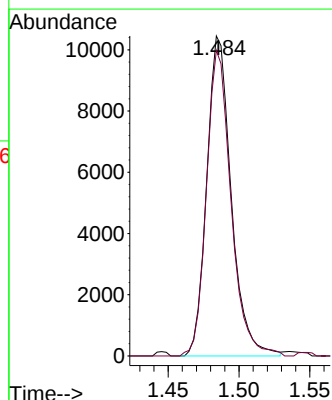
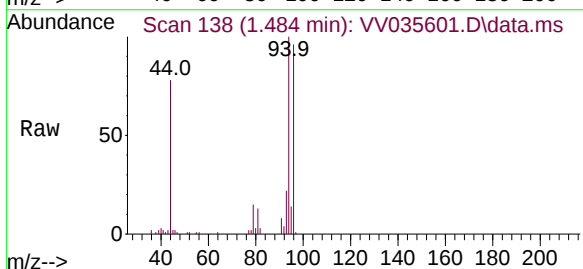
Acq: 14 May 2024 10:12

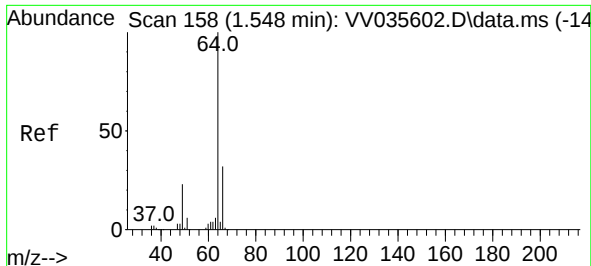
Tgt Ion: 94 Resp: 12557

Ion Ratio Lower Upper

94 100

96 95.5 66.4 123.4

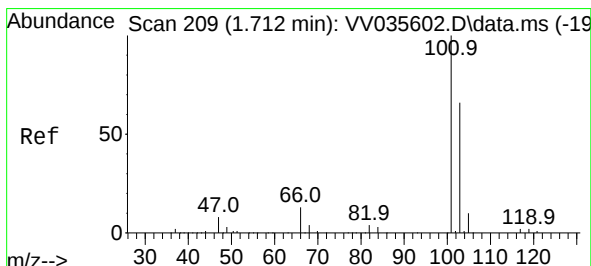
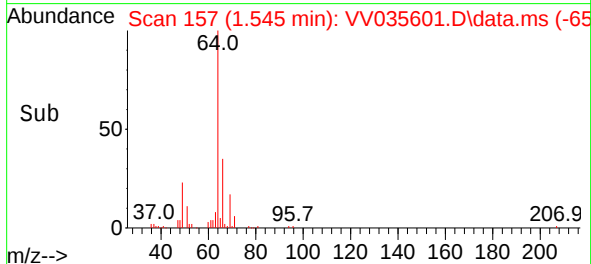
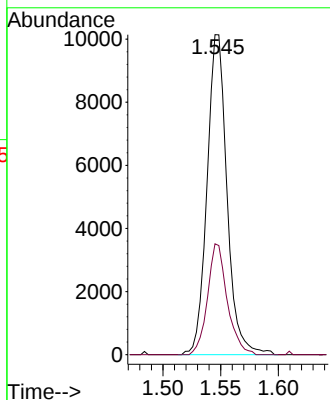
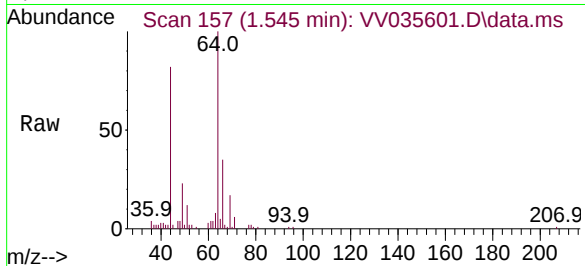




#8
Chloroethane
Concen: 0.898 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

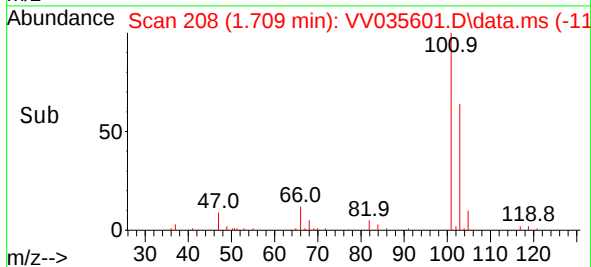
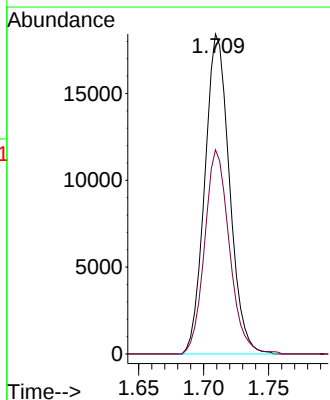
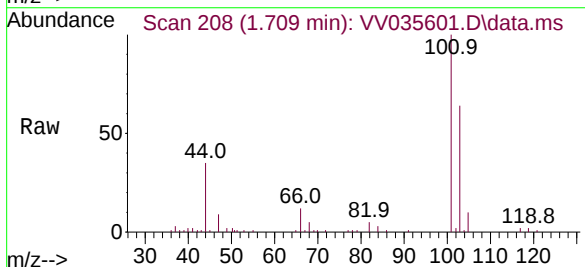
Instrument :
MSVOA_V
ClientSampleId :

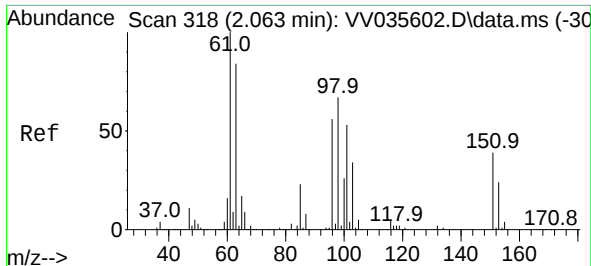
Tgt Ion: 64 Resp: 12187
Ion Ratio Lower Upper
64 100
66 34.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.924 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion:101 Resp: 24336
Ion Ratio Lower Upper
101 100
103 64.1 52.8 79.2

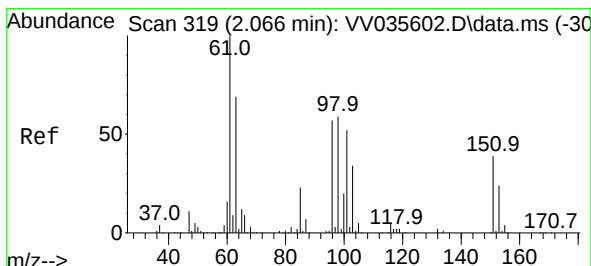
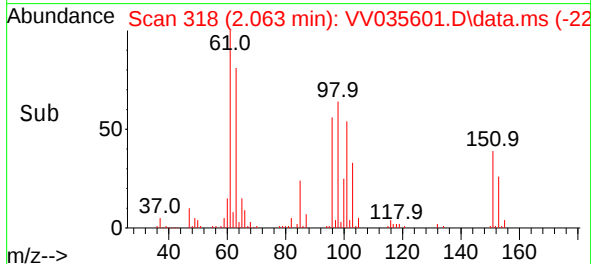
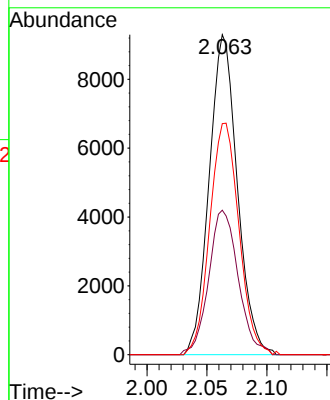
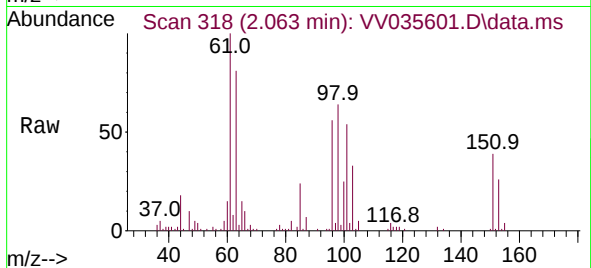




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.932 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035601.D
 Acq: 14 May 2024 10:12

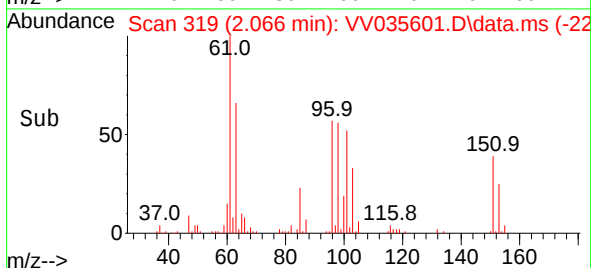
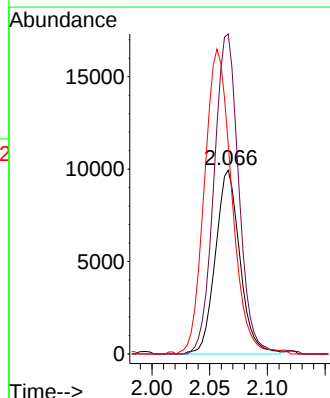
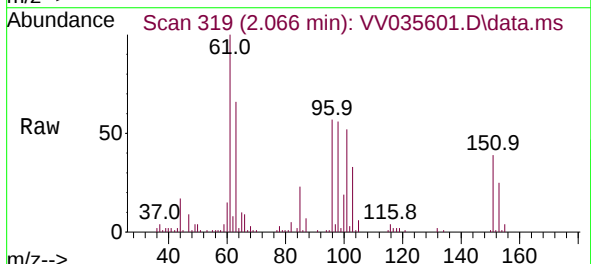
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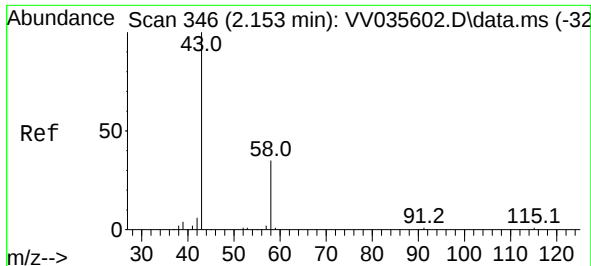
Tgt Ion:101 Resp: 15158
 Ion Ratio Lower Upper
 101 100
 85 47.4 34.6 51.8
 151 75.1 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 0.940 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV035601.D
 Acq: 14 May 2024 10:12

Tgt Ion: 96 Resp: 14636
 Ion Ratio Lower Upper
 96 100
 61 174.0 122.8 228.1
 63 114.4 85.1 158.1





#13

Acetone

Concen: 0.297 ug/L

RT: 2.224 min Scan# 3

Delta R.T. 0.071 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

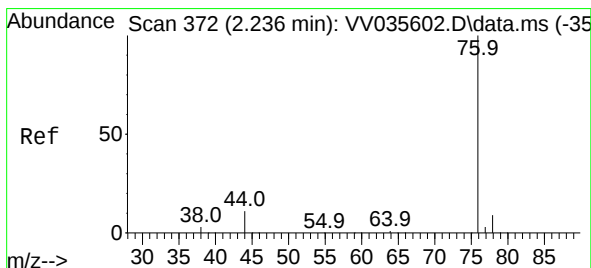
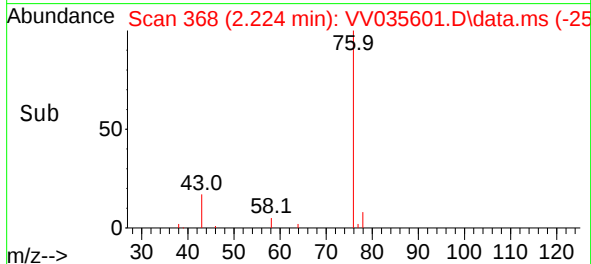
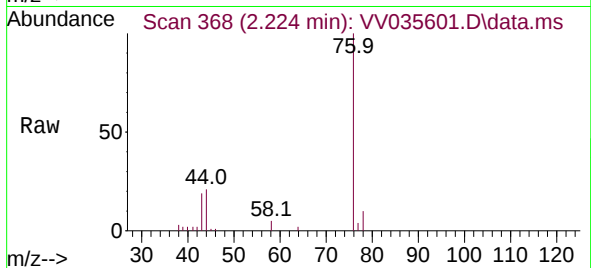
ClientSampleId :

Tgt Ion: 43 Resp: 674

Ion Ratio Lower Upper

43 100

58 21.8 0.0 69.2



#14

Carbon disulfide

Concen: 0.811 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035601.D

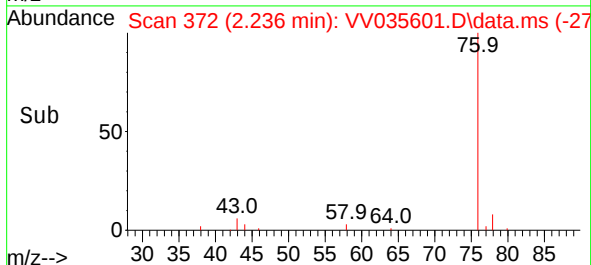
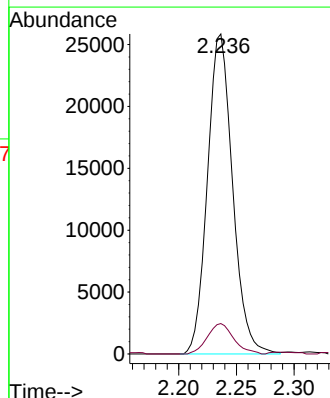
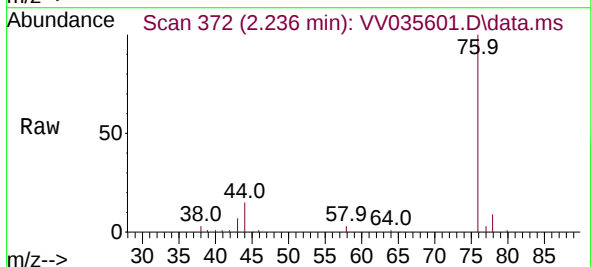
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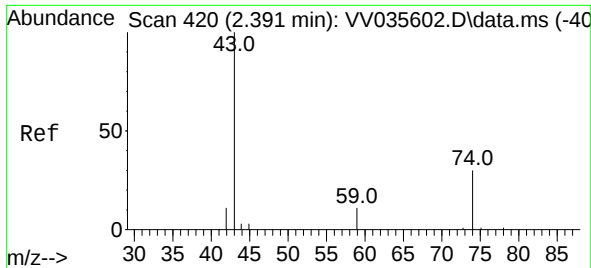
Tgt Ion: 76 Resp: 39186

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 0.386 ug/L

RT: 2.400 min Scan# 420

Delta R.T. 0.010 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

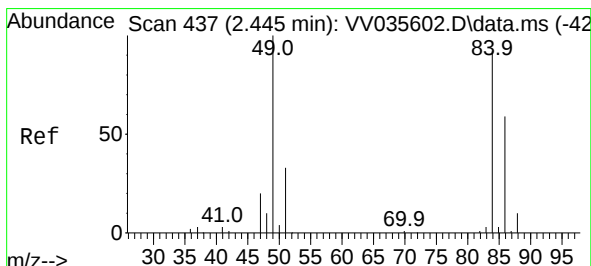
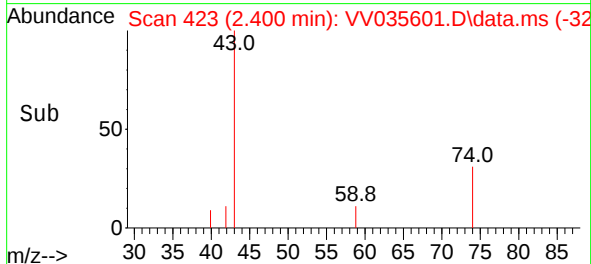
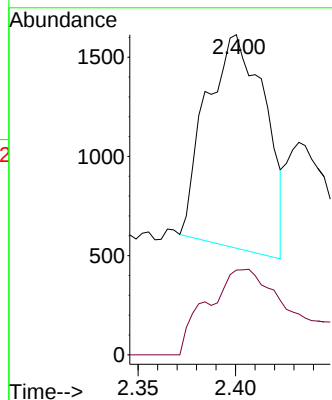
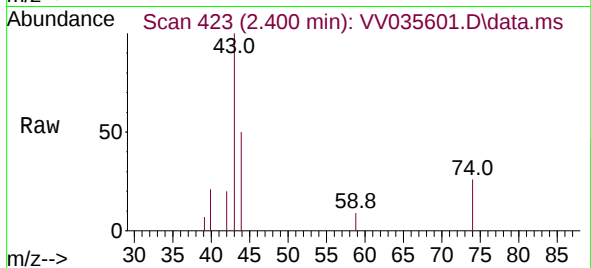
ClientSampleId :

Tgt Ion: 43 Resp: 2254

Ion Ratio Lower Upper

43 100

74 60.1 23.2 34.8#



#16

Methylene chloride

Concen: 1.228 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

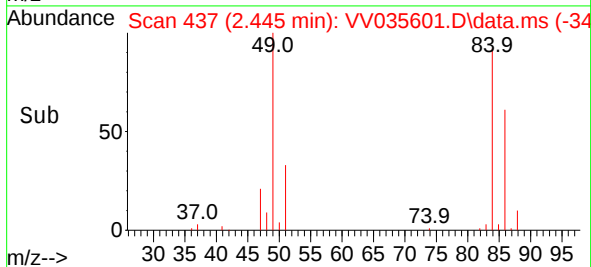
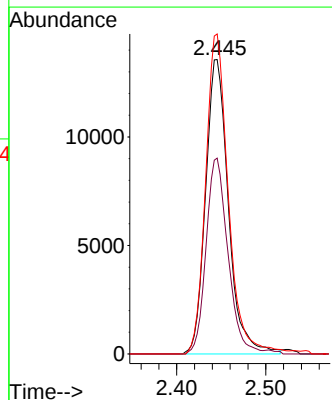
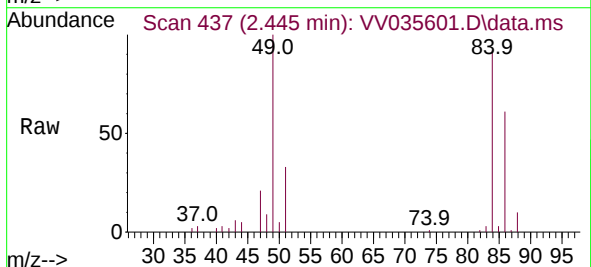
Tgt Ion: 84 Resp: 24119

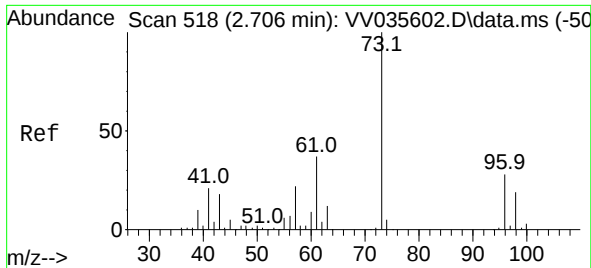
Ion Ratio Lower Upper

84 100

86 66.5 44.9 83.5

49 108.7 75.8 140.8





#17

Methyl tert-butyl Ether

Concen: 0.846 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

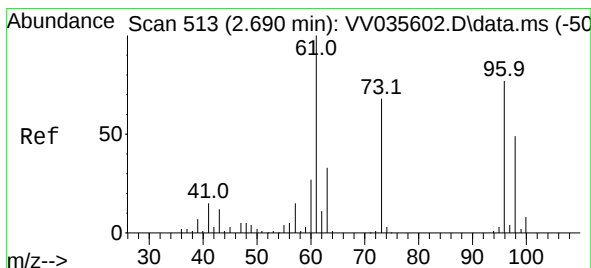
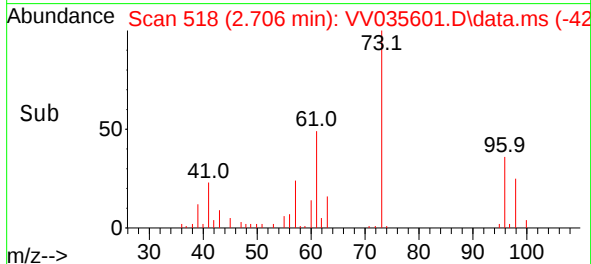
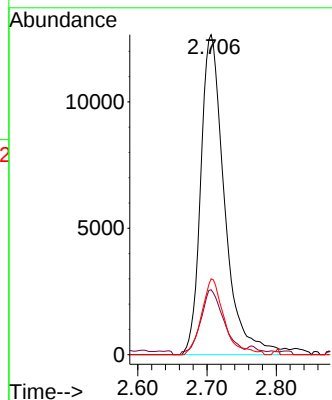
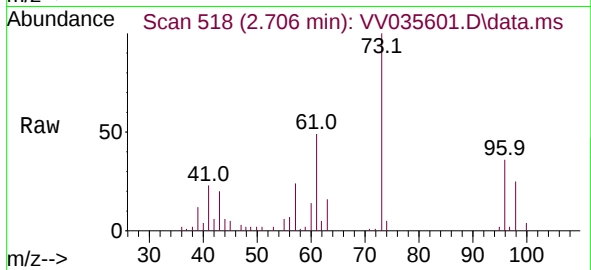
Tgt Ion: 73 Resp: 30112

Ion Ratio Lower Upper

73 100

43 20.0 13.8 20.8

57 22.5 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.895 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

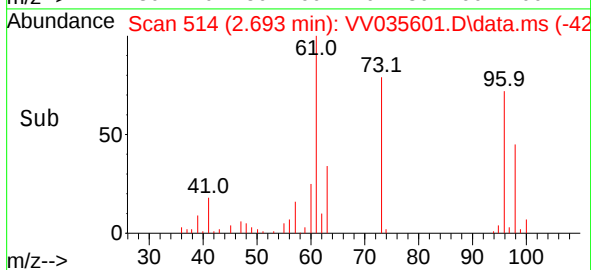
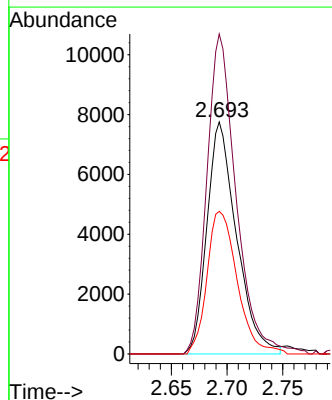
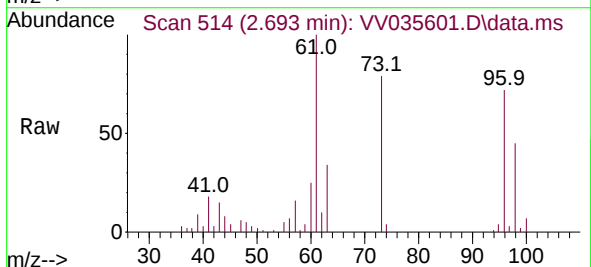
Tgt Ion: 96 Resp: 14320

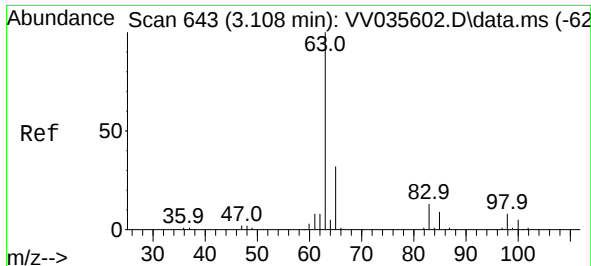
Ion Ratio Lower Upper

96 100

61 137.9 91.1 169.3

98 61.5 44.7 83.1

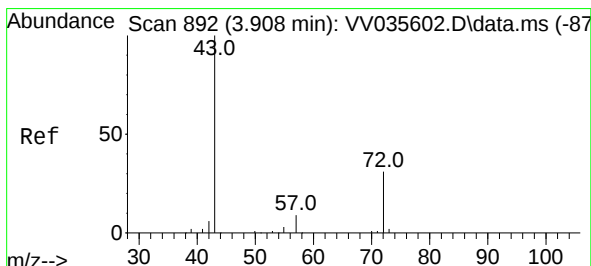
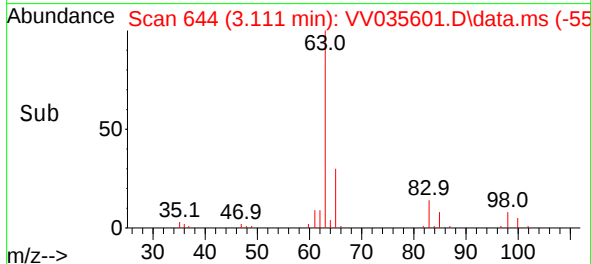
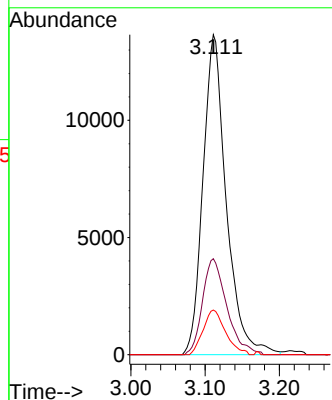
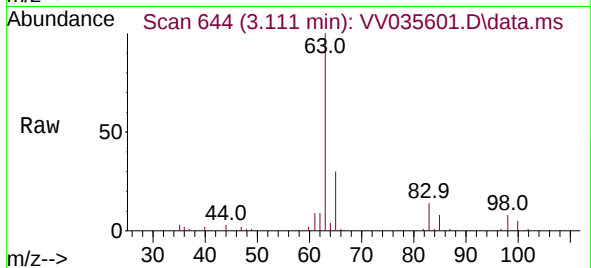




#19
1,1-Dichloroethane
Concen: 0.927 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

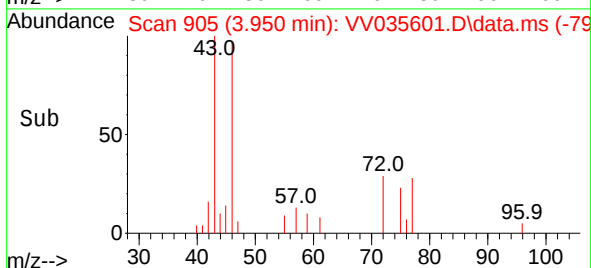
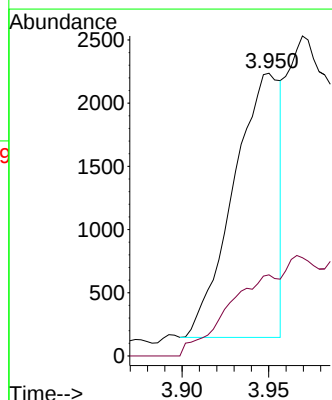
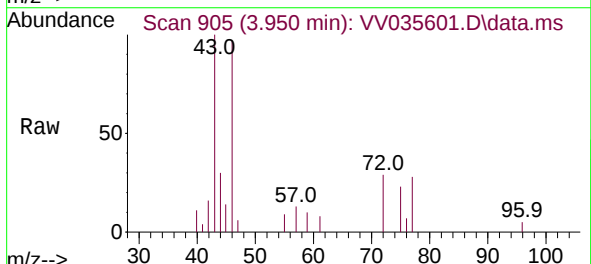
Instrument :
MSVOA_V
ClientSampleId :

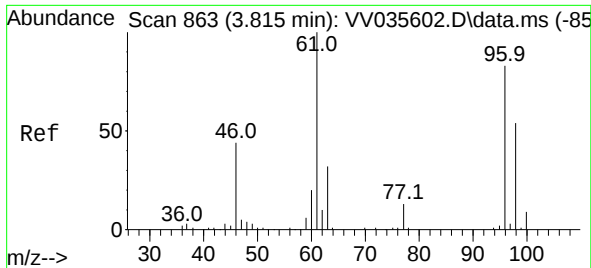
Tgt Ion: 63 Resp: 29727
Ion Ratio Lower Upper
63 100
65 30.0 22.5 41.9
83 13.9 9.2 17.0



#21
2-Butanone
Concen: 1.084 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.042 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion: 43 Resp: 3907
Ion Ratio Lower Upper
43 100
72 34.8 12.0 36.1





#22

cis-1,2-Dichloroethene

Concen: 0.916 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

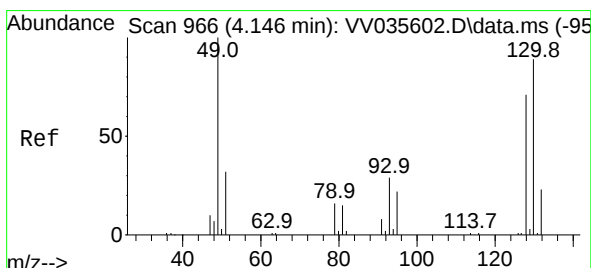
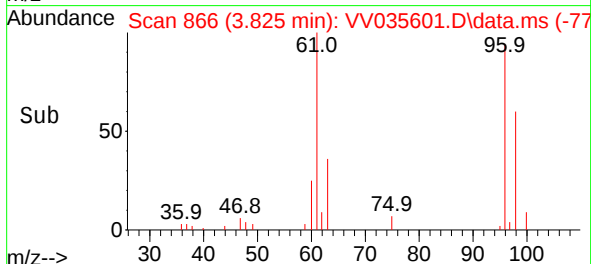
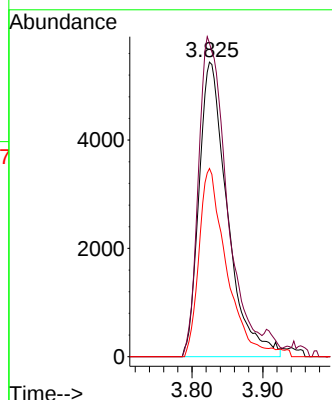
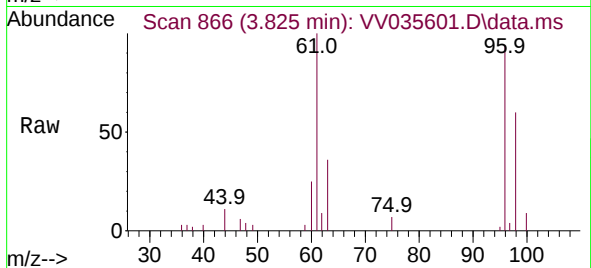
Tgt Ion: 96 Resp: 15144

Ion Ratio Lower Upper

96 100

61 106.4 84.3 156.5

98 63.9 45.6 84.6



#23

Bromochloromethane

Concen: 1.015 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.006 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Tgt Ion:128 Resp: 7729

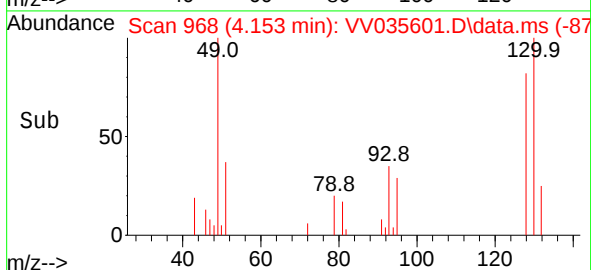
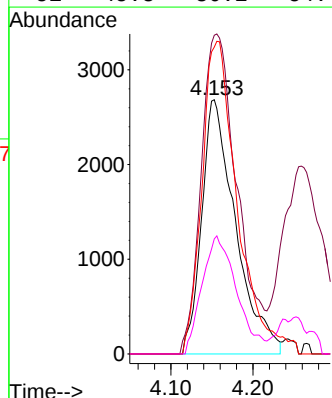
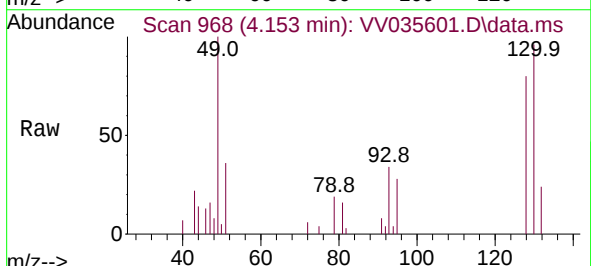
Ion Ratio Lower Upper

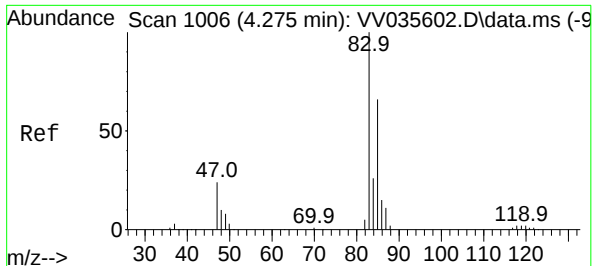
128 100

49 125.4 98.6 183.0

130 120.7 87.6 162.8

51 45.3 36.2 54.4





#25

Chloroform

Concen: 0.981 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

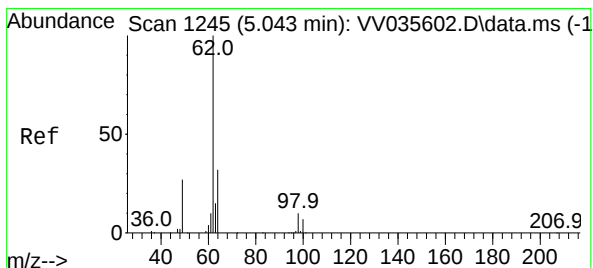
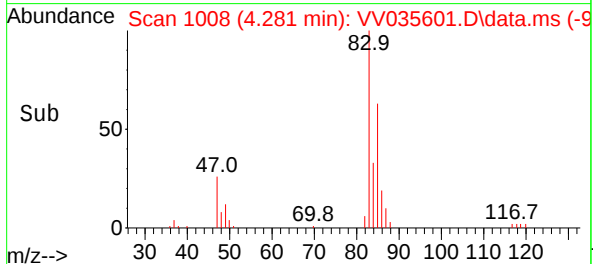
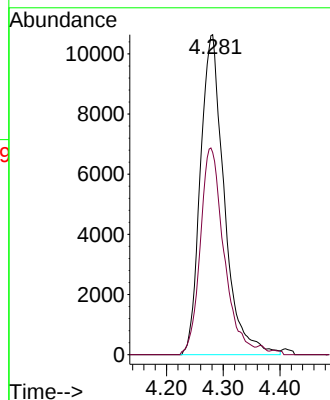
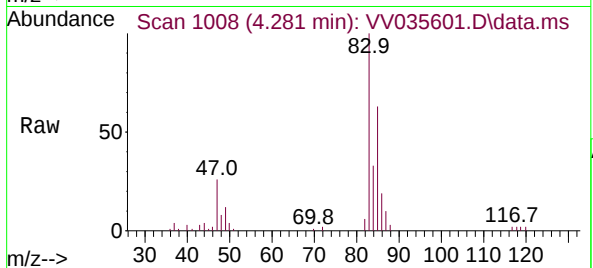
ClientSampleId :

Tgt Ion: 83 Resp: 31074

Ion Ratio Lower Upper

83 100

85 63.2 45.9 85.3



#27

1,2-Dichloroethane

Concen: 0.862 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.013 min

Lab File: VV035601.D

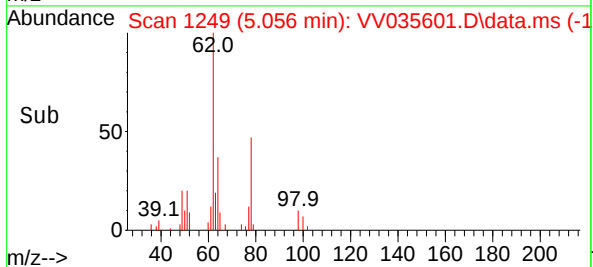
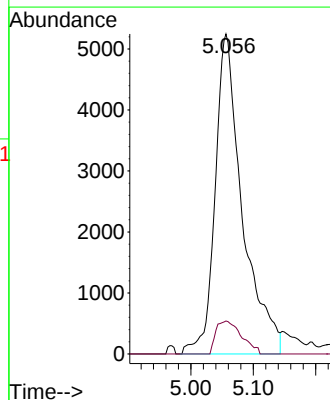
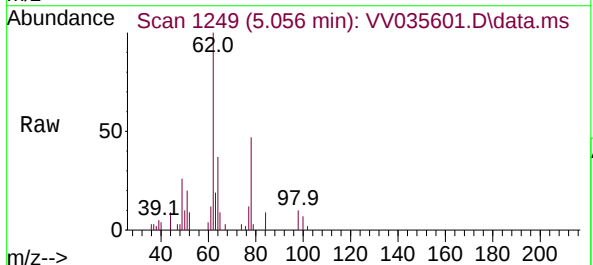
Acq: 14 May 2024 10:12

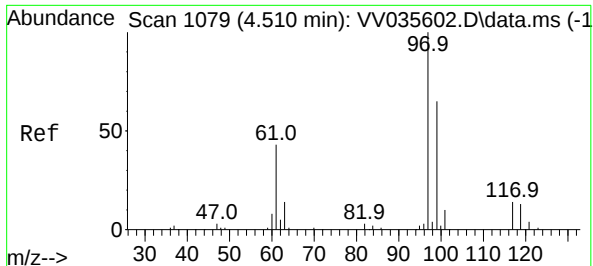
Tgt Ion: 62 Resp: 15904

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.896 ug/L

RT: 4.513 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

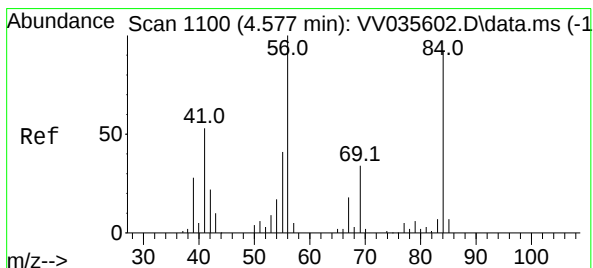
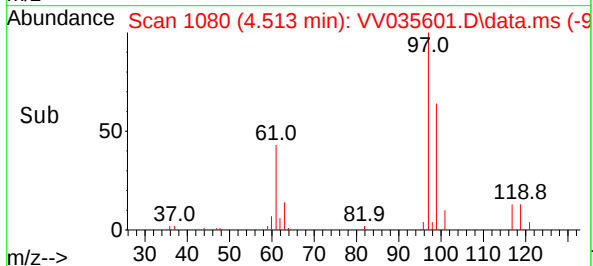
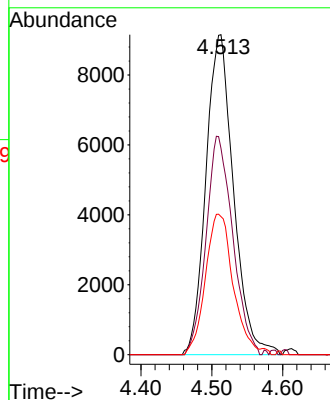
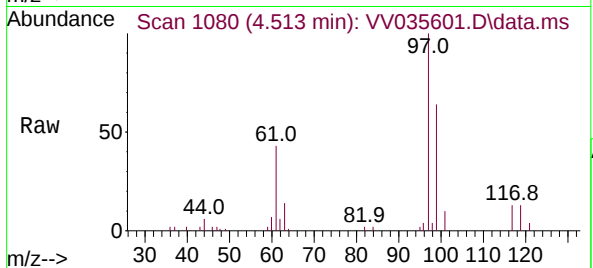
Tgt Ion: 97 Resp: 24731

Ion Ratio Lower Upper

97 100

99 66.1 52.4 78.6

61 44.0 33.9 50.9



#30

Cyclohexane

Concen: 0.644 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

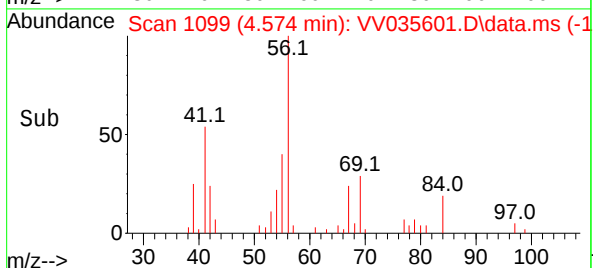
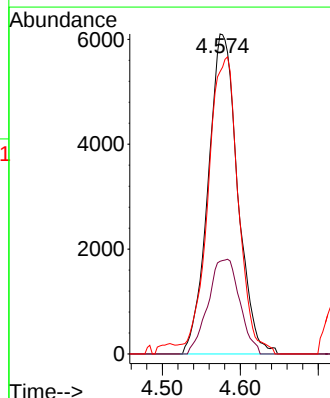
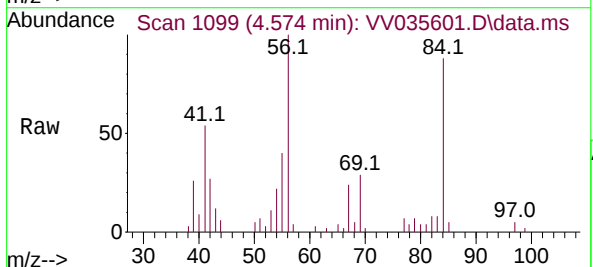
Tgt Ion: 56 Resp: 16069

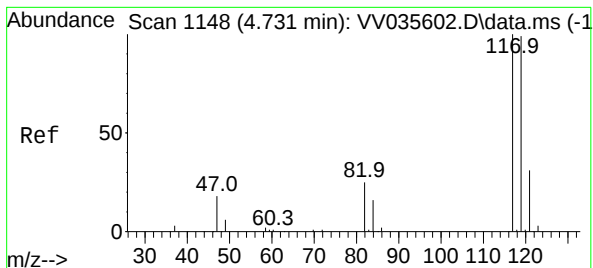
Ion Ratio Lower Upper

56 100

69 31.5 26.4 39.6

84 95.0 75.0 112.6





#31

Carbon tetrachloride

Concen: 0.912 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

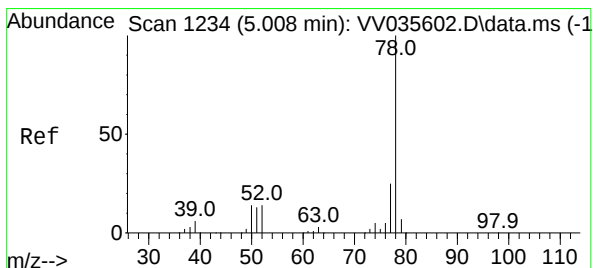
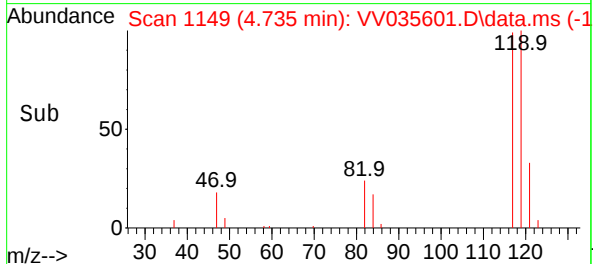
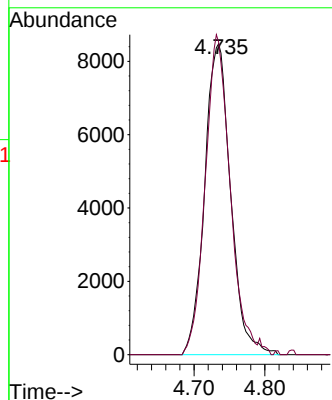
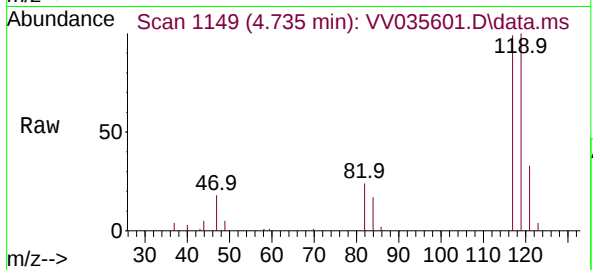
ClientSampleId :

Tgt Ion:117 Resp: 21627

Ion Ratio Lower Upper

117 100

119 98.0 77.2 115.8



#33

Benzene

Concen: 0.747 ug/L

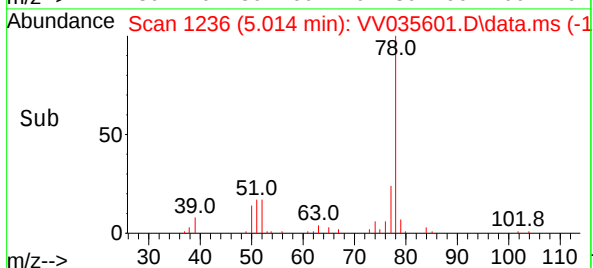
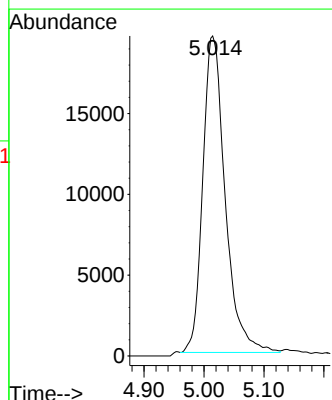
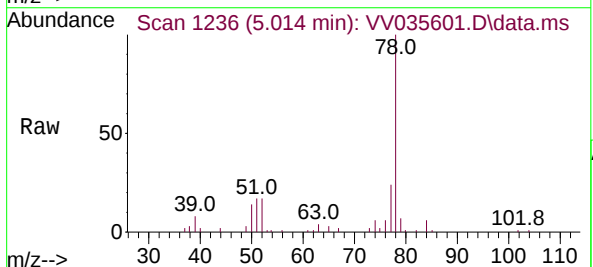
RT: 5.014 min Scan# 1236

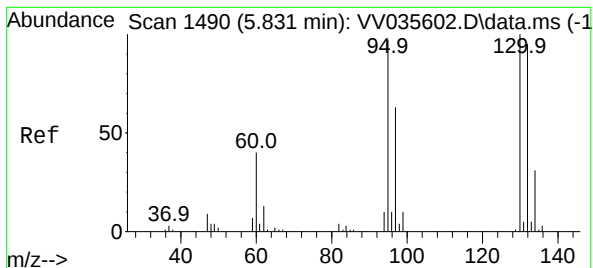
Delta R.T. 0.006 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Tgt Ion: 78 Resp: 50894





#34

Trichloroethene

Concen: 0.901 ug/L

RT: 5.841 min Scan# 1490

Delta R.T. 0.010 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 16275

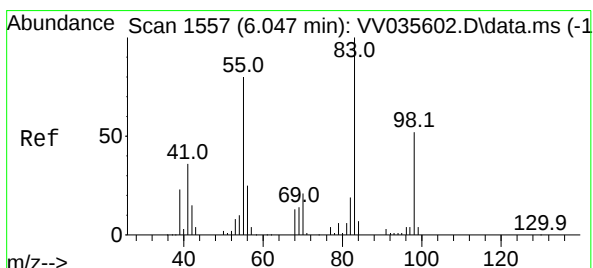
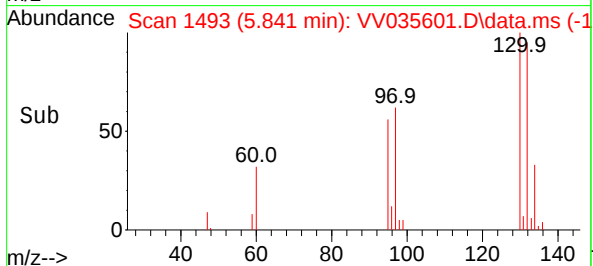
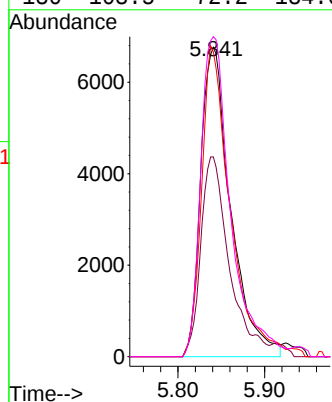
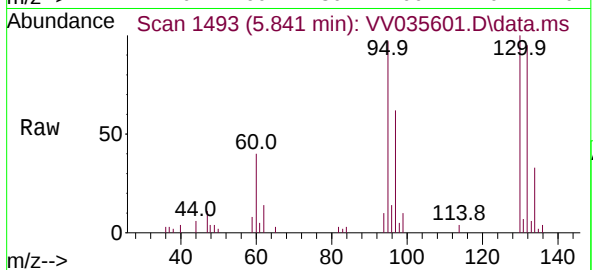
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 98.6 68.7 127.7

130 103.5 72.2 134.0



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

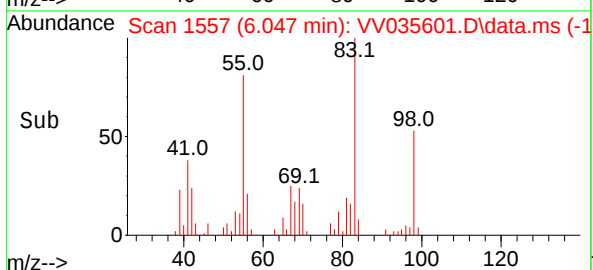
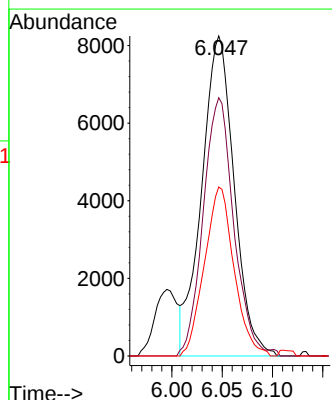
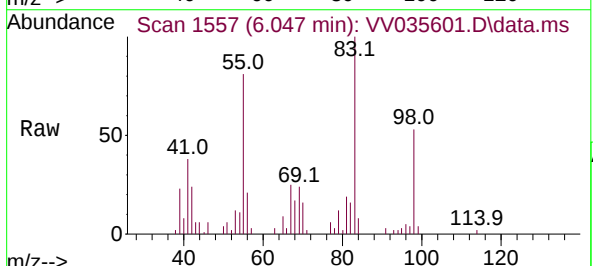
Tgt Ion: 83 Resp: 18497

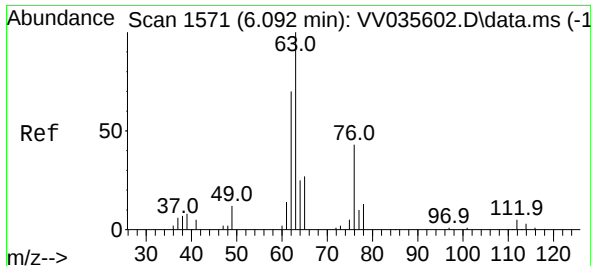
Ion Ratio Lower Upper

83 100

55 75.8 60.7 91.1

98 48.1 38.4 57.6

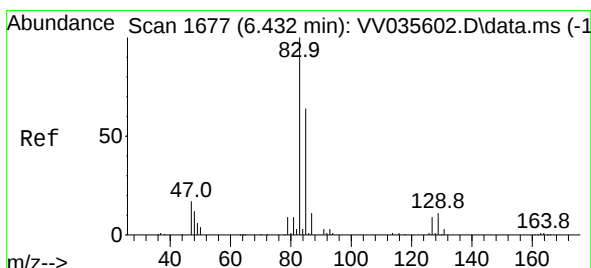
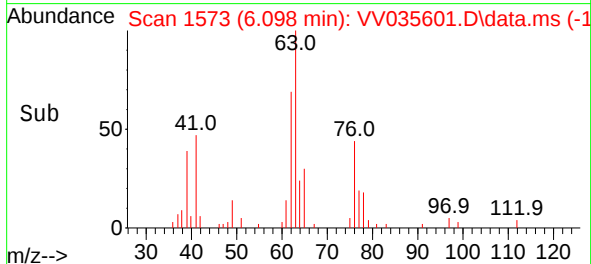
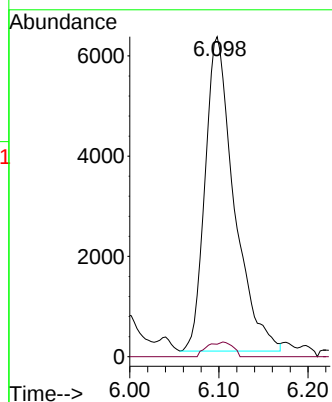
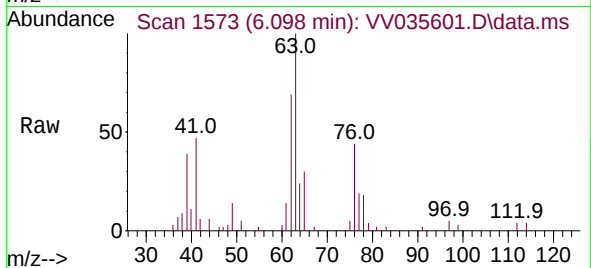




#37
1,2-Dichloropropane
Concen: 0.791 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

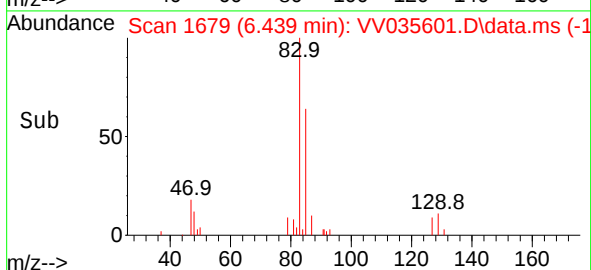
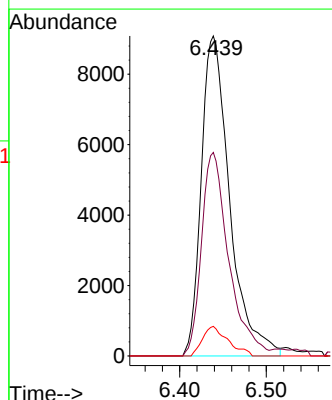
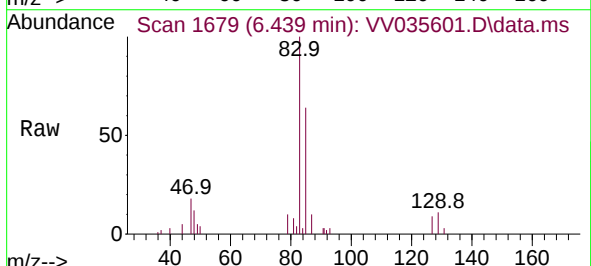
Instrument :
MSVOA_V
ClientSampleId :

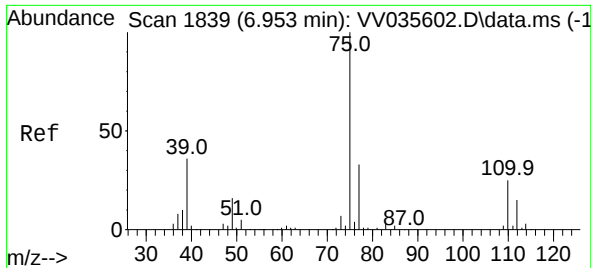
Tgt Ion: 63 Resp: 14206
Ion Ratio Lower Upper
63 100
112 4.1 3.9 5.9



#38
Bromodichloromethane
Concen: 0.933 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion: 83 Resp: 20707
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8
127 9.2 7.2 10.8

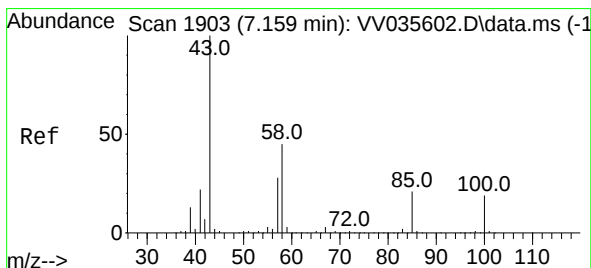
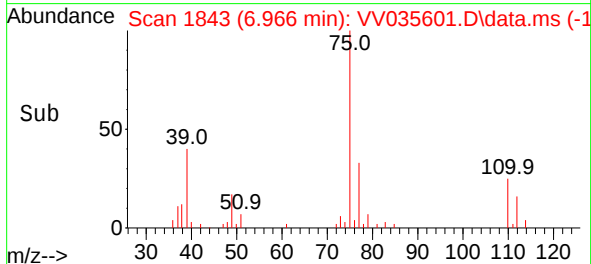
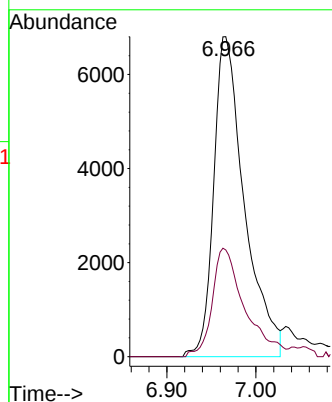
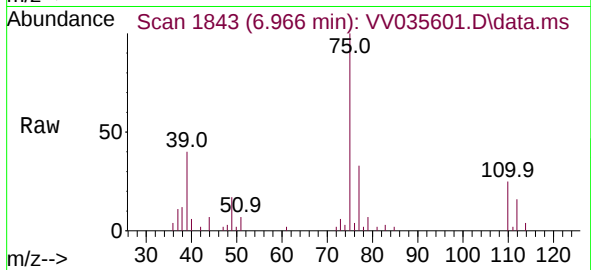




#39
cis-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. 0.013 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

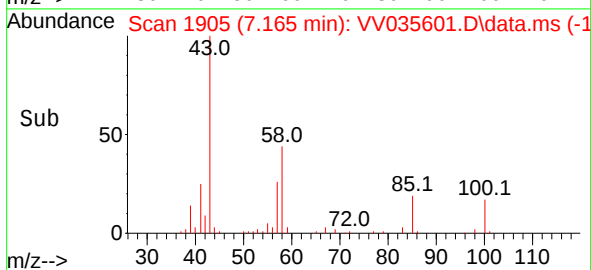
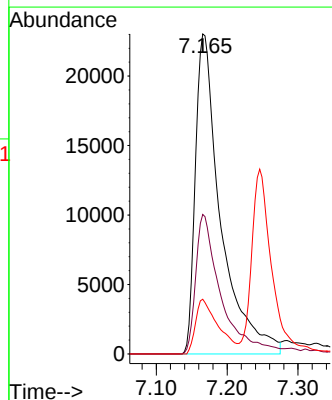
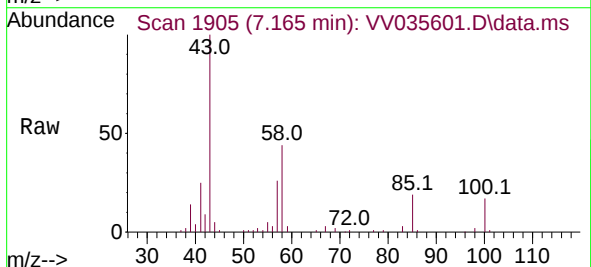
Instrument :
MSVOA_V
ClientSampleId :

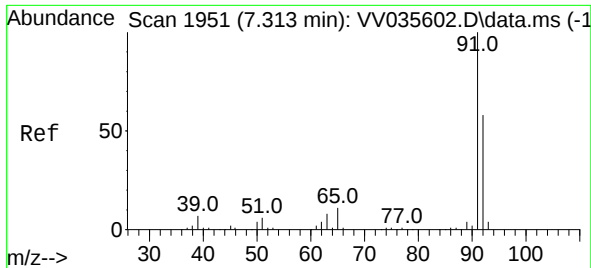
Tgt Ion: 75 Resp: 16314
Ion Ratio Lower Upper
75 100
77 33.4 23.0 42.8



#40
4-Methyl-2-pentanone
Concen: 6.130 ug/L
RT: 7.165 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion: 43 Resp: 57101
Ion Ratio Lower Upper
43 100
58 43.4 35.8 53.6
100 15.3 14.1 21.1





#42

Toluene

Concen: 0.746 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

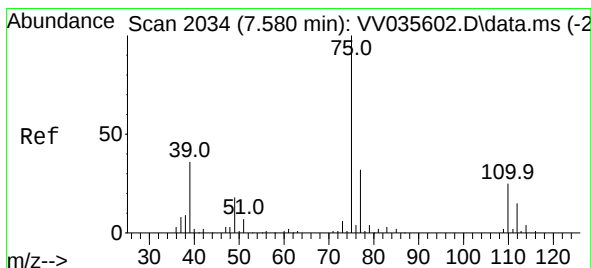
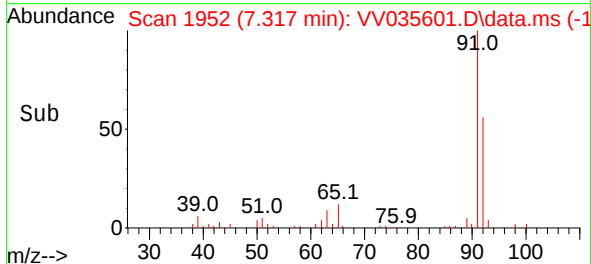
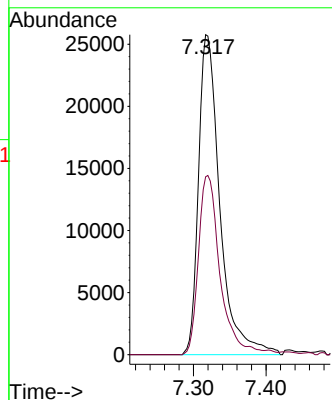
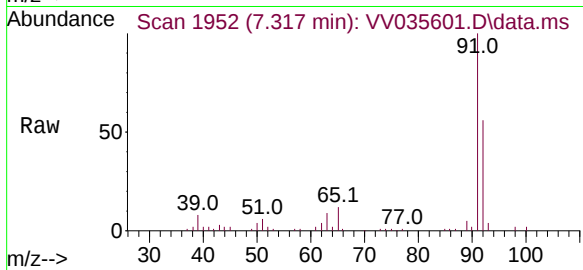
ClientSampleId :

Tgt Ion: 91 Resp: 52799

Ion Ratio Lower Upper

91 100

92 55.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.016 min

Lab File: VV035601.D

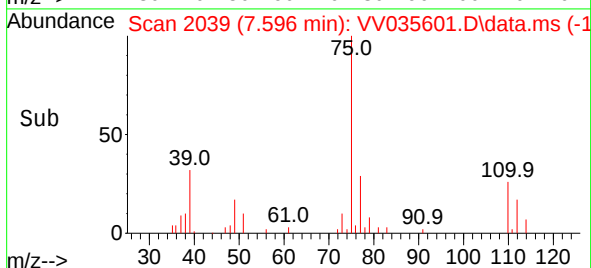
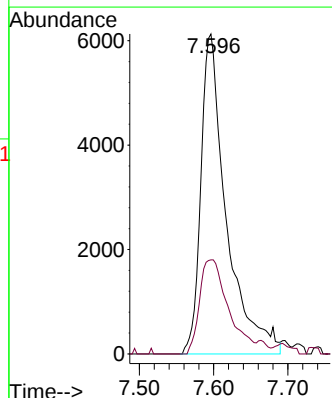
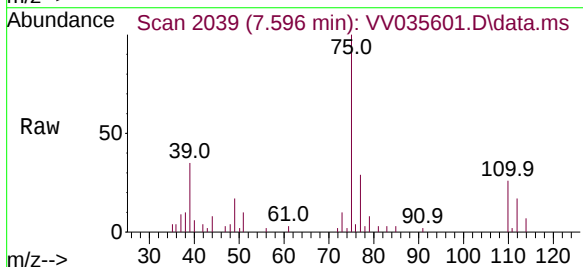
Acq: 14 May 2024 10:12

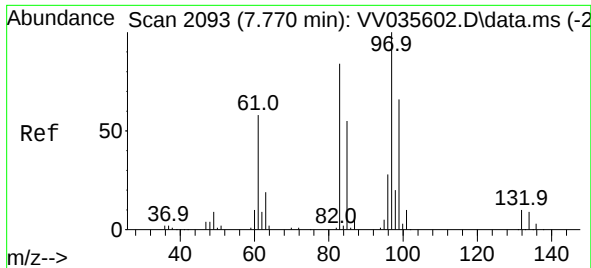
Tgt Ion: 75 Resp: 14603

Ion Ratio Lower Upper

75 100

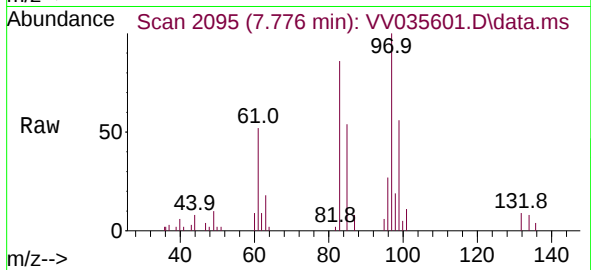
77 29.4 22.4 41.6



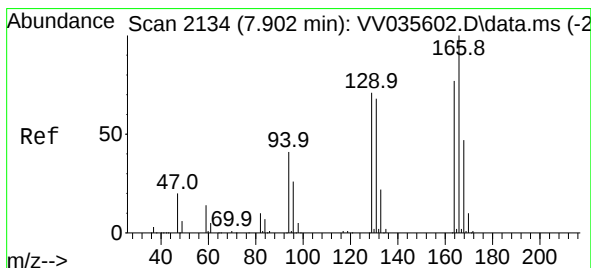
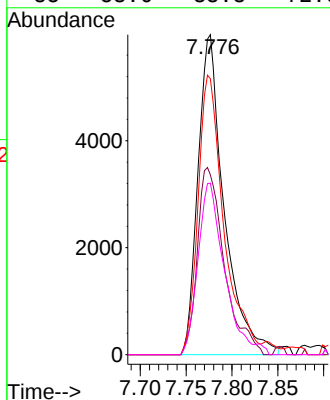
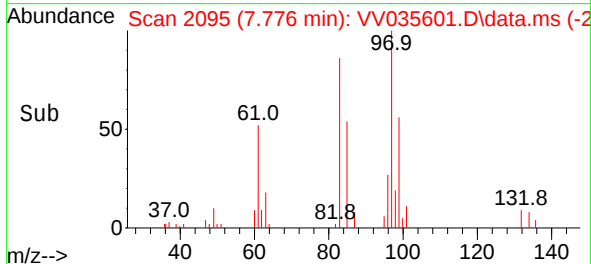


#45
1,1,2-Trichloroethane
Concen: 0.931 ug/L
RT: 7.776 min Scan# 2093
Delta R.T. 0.006 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

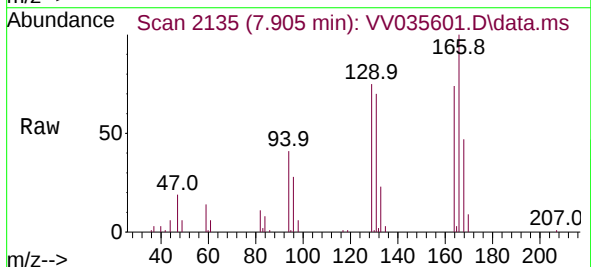
Instrument :
MSVOA_V
ClientSampleId :



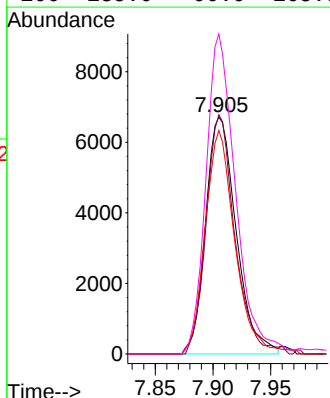
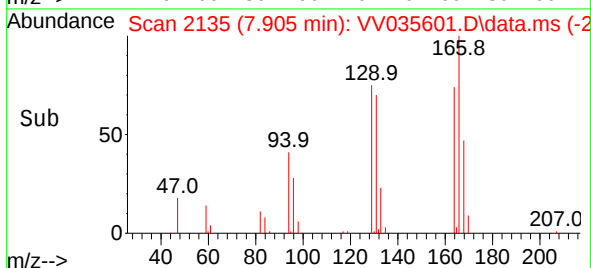
Tgt Ion	Ratio	Lower	Upper
97	100		
99	56.2	46.1	85.5
83	86.2	59.0	109.6
85	53.6	38.8	72.0

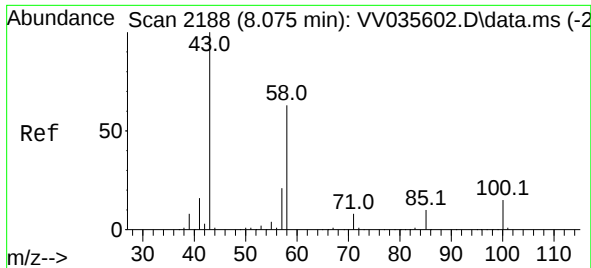


#47
Tetrachloroethene
Concen: 0.860 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12



Tgt Ion	Ratio	Lower	Upper
164	100		
129	100.9	64.9	120.5
131	94.3	61.8	114.8
166	135.0	90.9	168.9





#48

2-Hexanone

Concen: 5.829 ug/L

RT: 8.088 min Scan# 2188

Delta R.T. 0.013 min

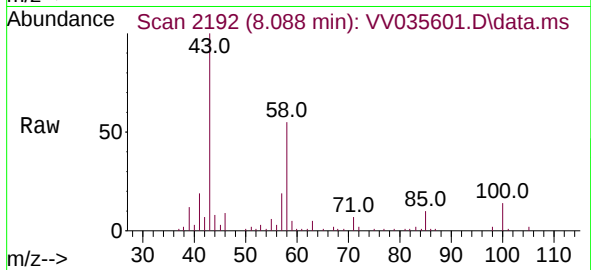
Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 40209

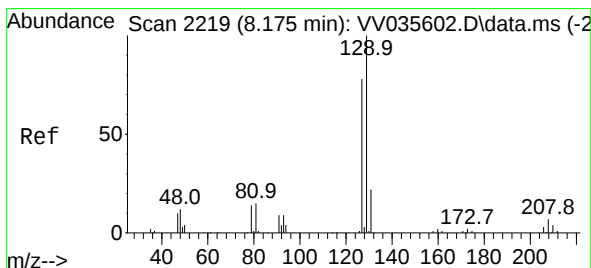
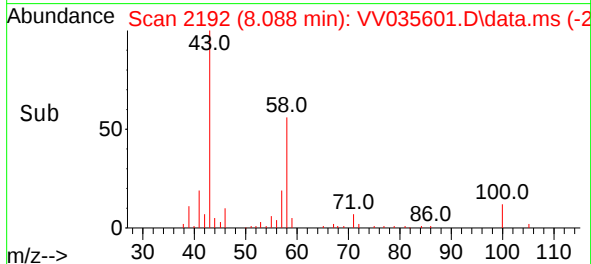
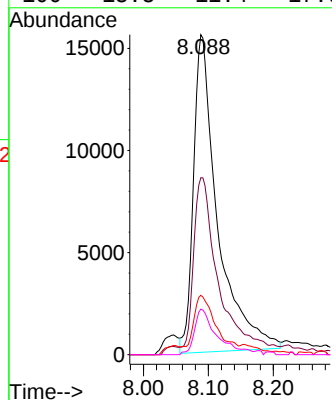
Ion Ratio Lower Upper

43 100

58 53.4 49.1 73.7

57 16.5 16.8 25.2#

100 13.3 11.4 17.0



#49

Dibromochloromethane

Concen: 0.959 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV035601.D

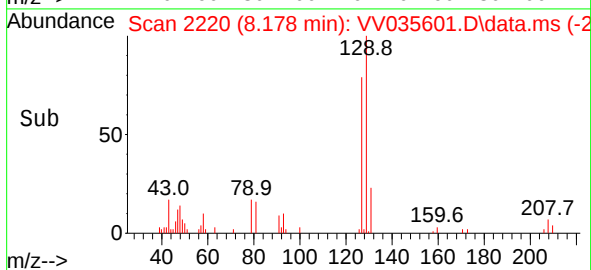
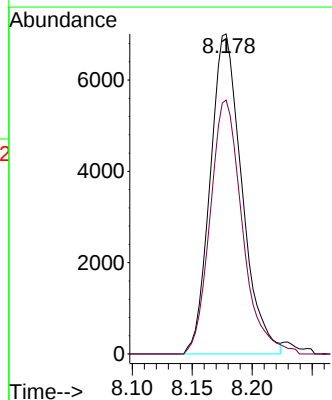
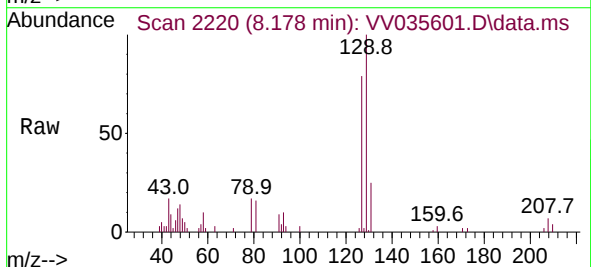
Acq: 14 May 2024 10:12

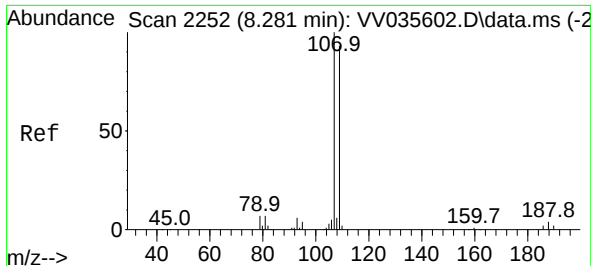
Tgt Ion:129 Resp: 12894

Ion Ratio Lower Upper

129 100

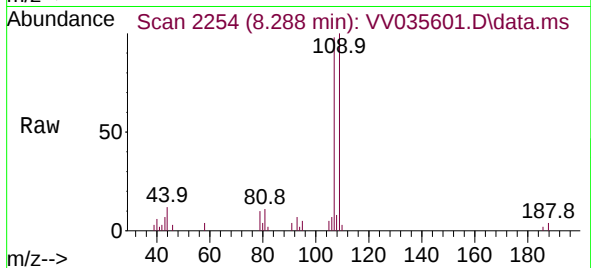
127 79.4 54.3 100.8



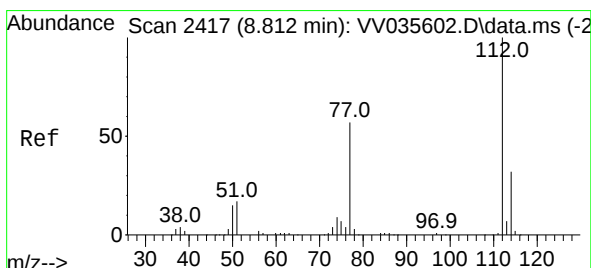
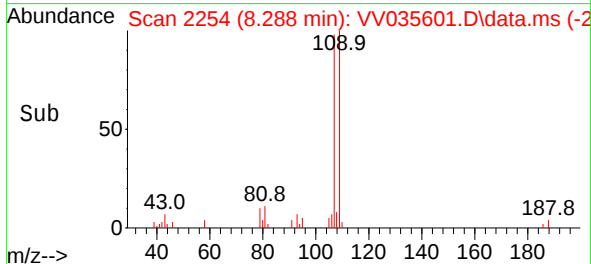
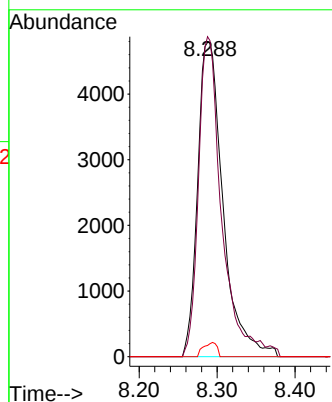


#50
1,2-Dibromoethane
Concen: 0.904 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :

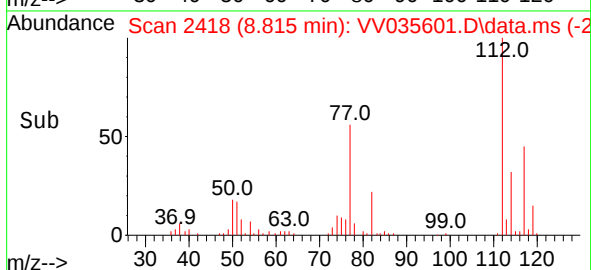
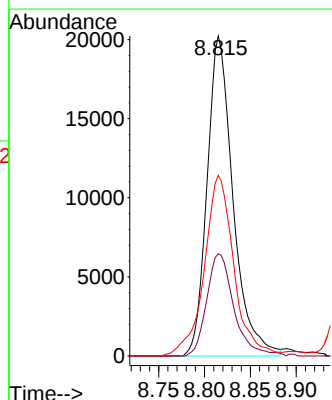
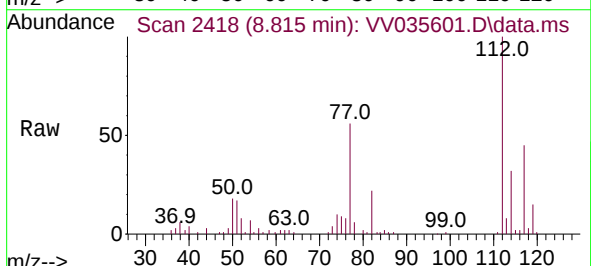


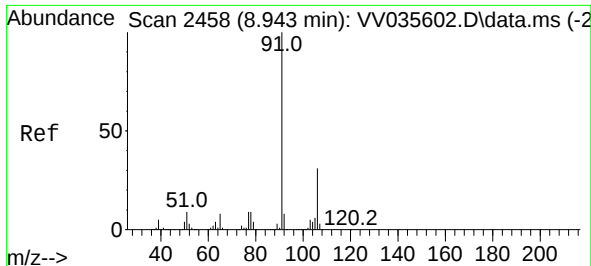
Tgt Ion:107 Resp: 10856
Ion Ratio Lower Upper
107 100
109 101.8 65.2 121.0
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 0.859 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion:112 Resp: 39806
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 56.4 45.6 68.4





#52

Ethylbenzene

Concen: 0.696 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

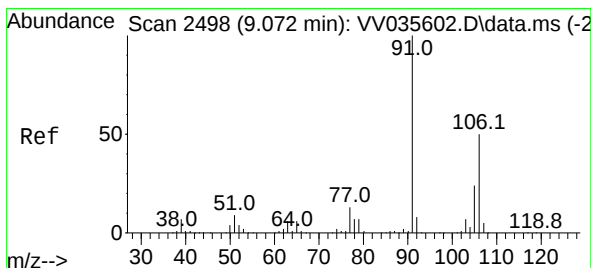
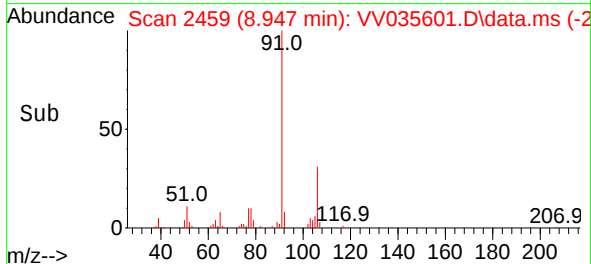
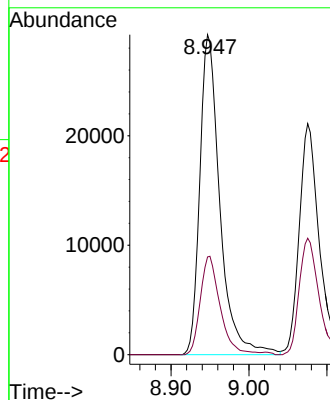
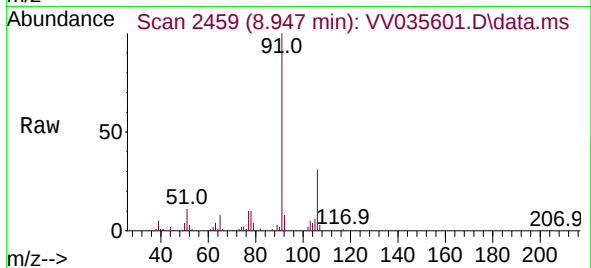
ClientSampleId :

Tgt Ion: 91 Resp: 52170

Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



#53

m,p-Xylene

Concen: 0.697 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV035601.D

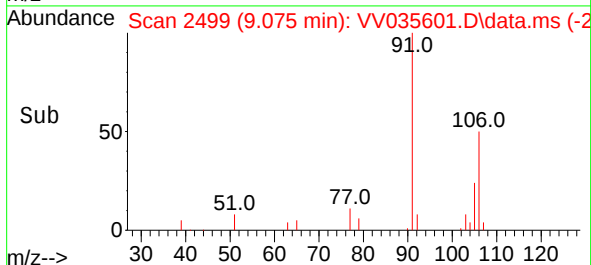
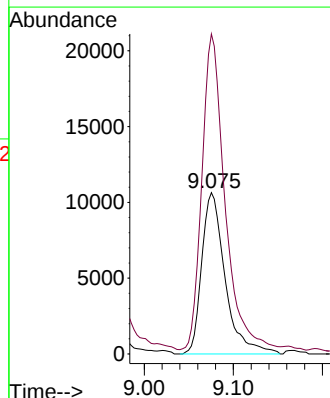
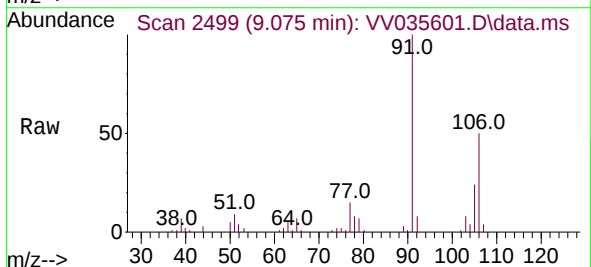
Acq: 14 May 2024 10:12

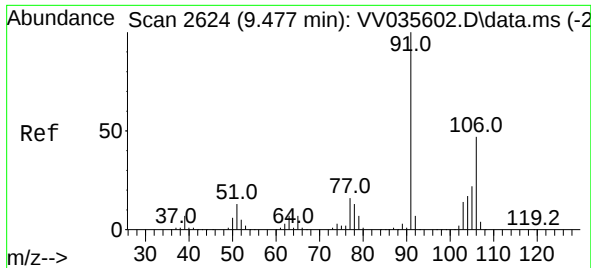
Tgt Ion:106 Resp: 19442

Ion Ratio Lower Upper

106 100

91 198.4 141.3 262.3

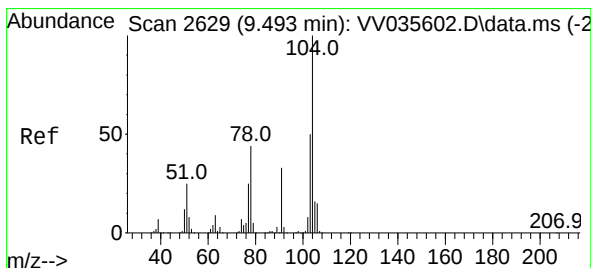
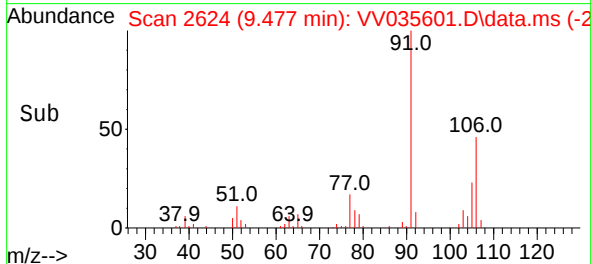
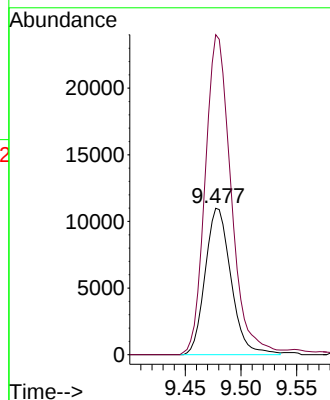
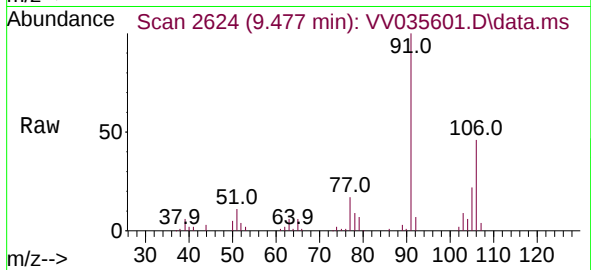




#54
o-Xylene
Concen: 0.661 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

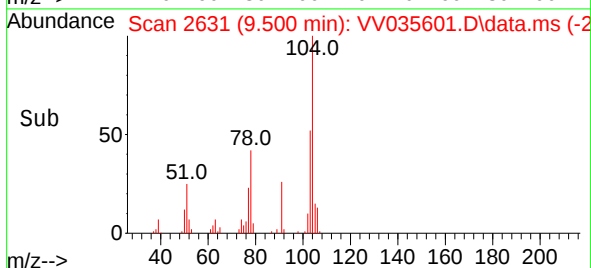
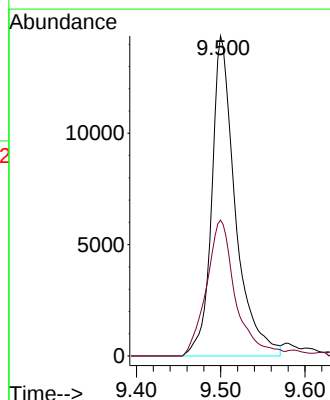
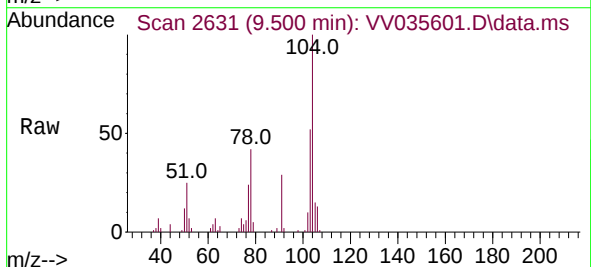
Instrument :
MSVOA_V
ClientSampleId :

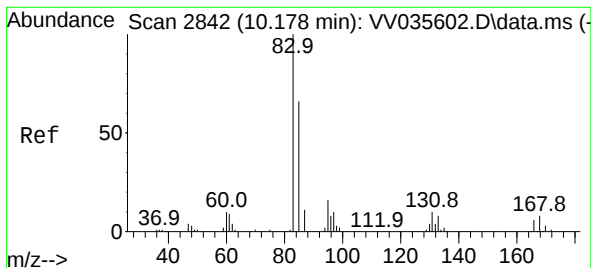
Tgt Ion:106 Resp: 17763
Ion Ratio Lower Upper
106 100
91 218.5 148.6 276.0



#55
Styrene
Concen: 0.615 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion:104 Resp: 27952
Ion Ratio Lower Upper
104 100
78 42.5 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.806 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

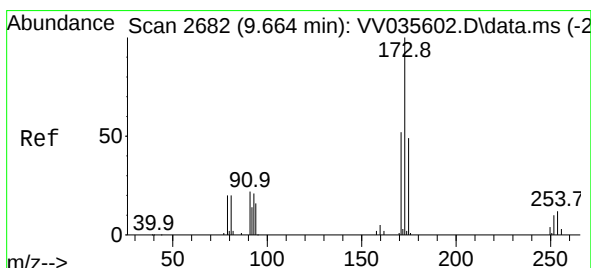
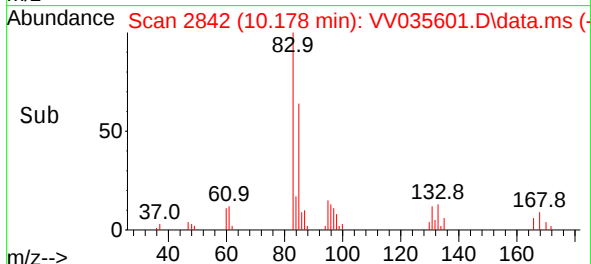
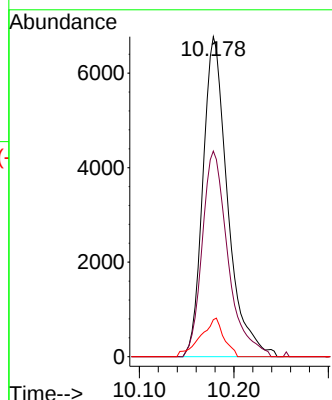
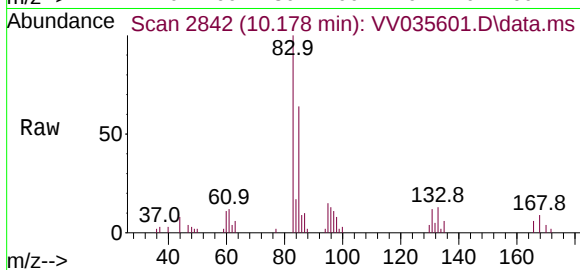
Tgt Ion: 83 Resp: 12299

Ion Ratio Lower Upper

83 100

85 64.2 46.1 85.7

131 11.5 8.2 12.2



#59

Bromoform

Concen: 1.147 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.006 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

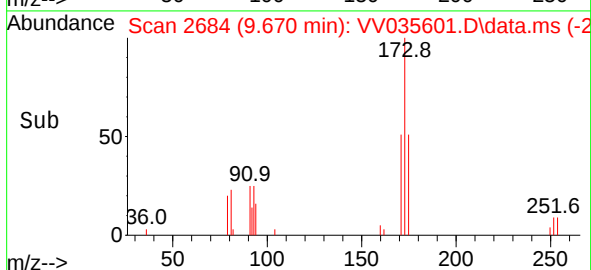
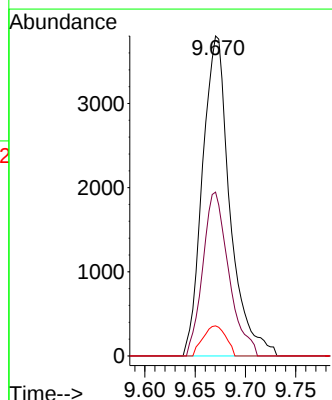
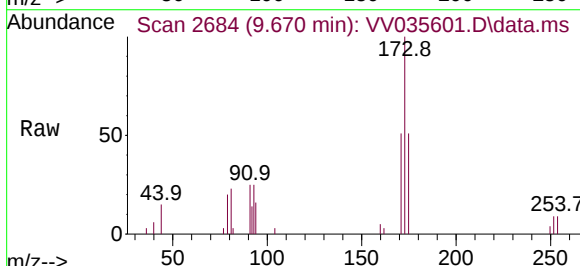
Tgt Ion: 173 Resp: 7204

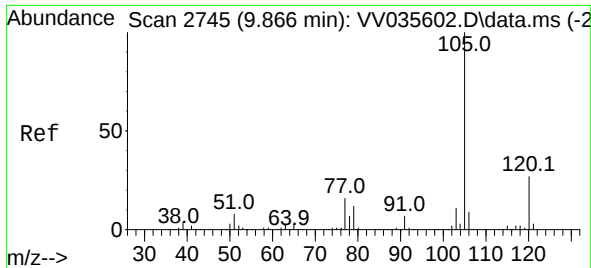
Ion Ratio Lower Upper

173 100

175 48.6 38.0 57.0

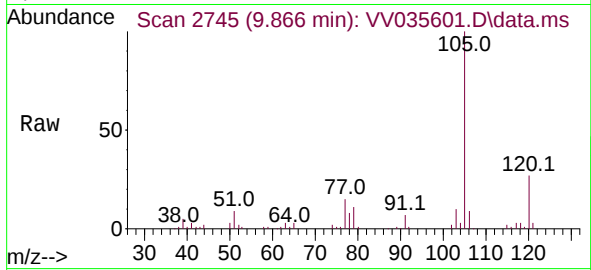
254 7.8 8.6 13.0#



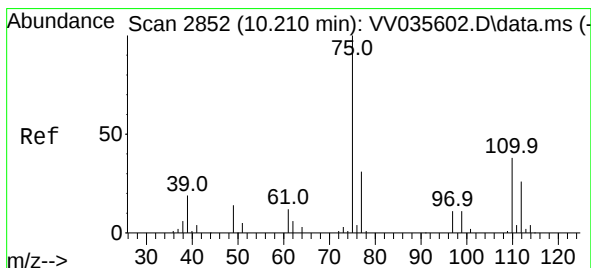
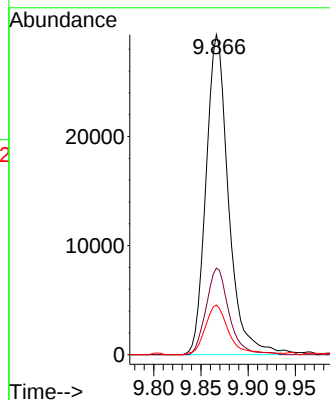
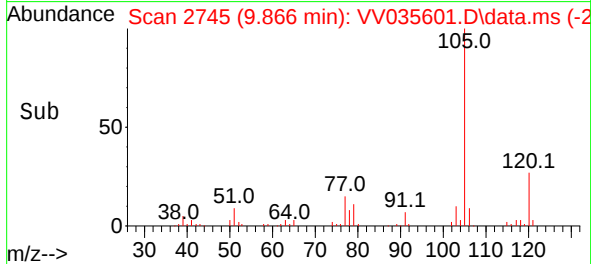


#60
Isopropylbenzene
Concen: 0.762 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

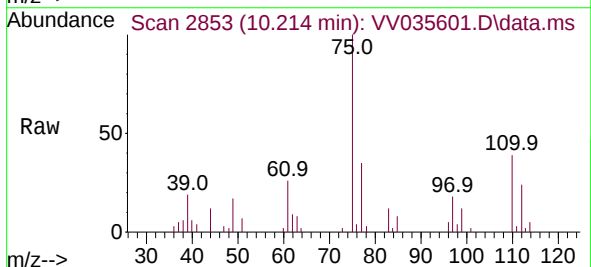
Instrument :
MSVOA_V
ClientSampleId :



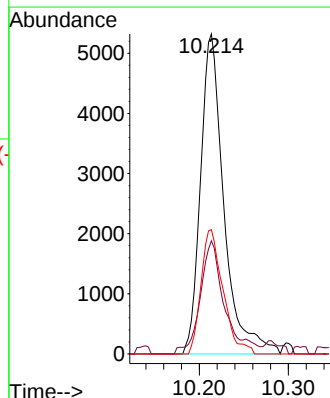
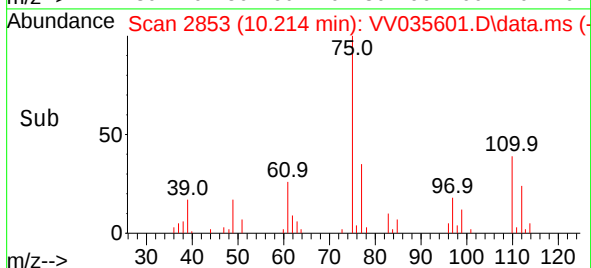
Tgt Ion:105 Resp: 48407
Ion Ratio Lower Upper
105 100
120 27.6 21.4 32.2
77 16.5 12.5 18.7

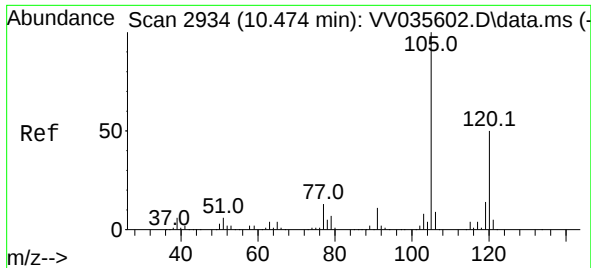


#61
1,2,3-Trichloropropane
Concen: 0.964 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12



Tgt Ion: 75 Resp: 9711
Ion Ratio Lower Upper
75 100
77 36.5 24.2 36.2#
110 36.4 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 0.694 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

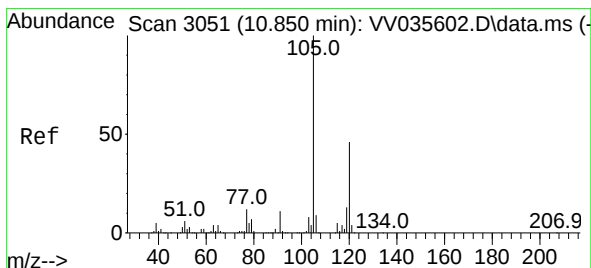
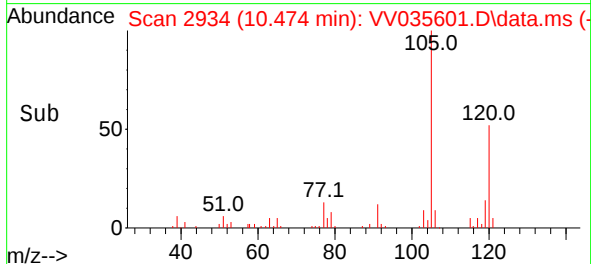
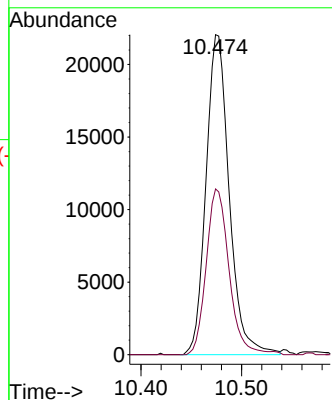
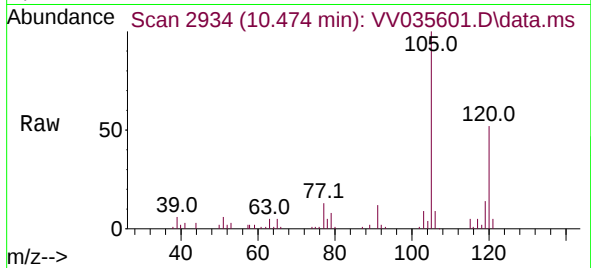
ClientSampleId :

Tgt Ion:105 Resp: 35294

Ion Ratio Lower Upper

105 100

120 51.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.677 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035601.D

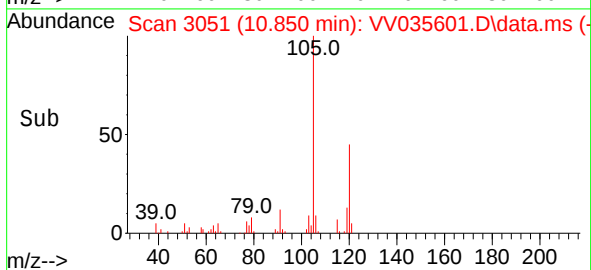
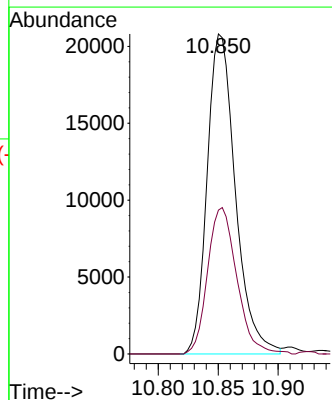
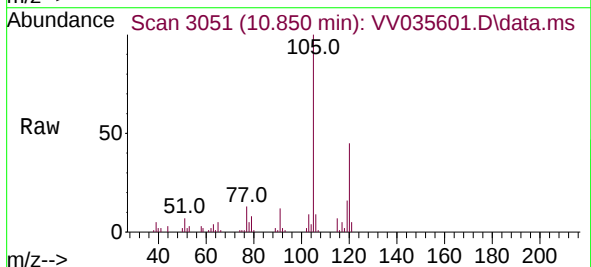
Acq: 14 May 2024 10:12

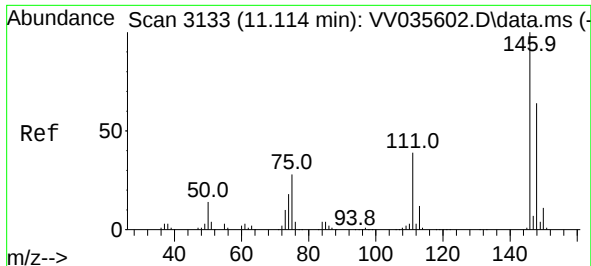
Tgt Ion:105 Resp: 34090

Ion Ratio Lower Upper

105 100

120 47.2 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 0.870 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

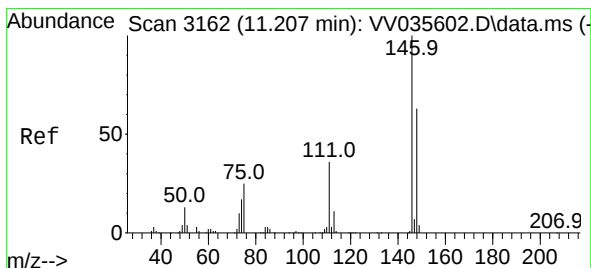
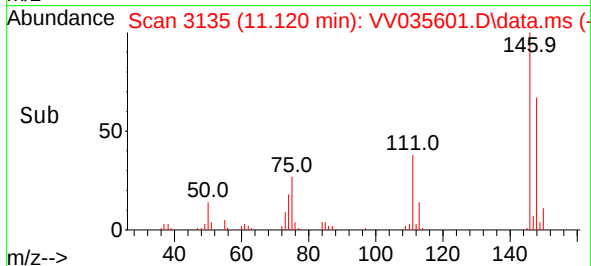
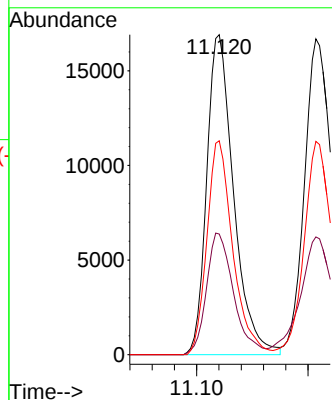
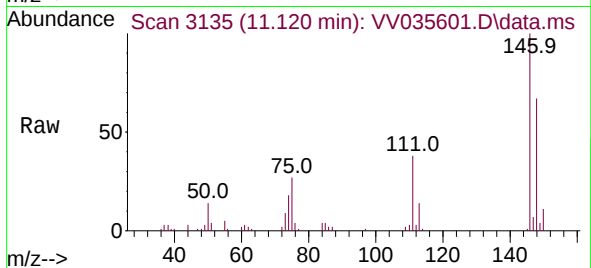
Tgt Ion:146 Resp: 28358

Ion Ratio Lower Upper

146 100

111 37.7 27.6 51.2

148 66.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 0.903 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

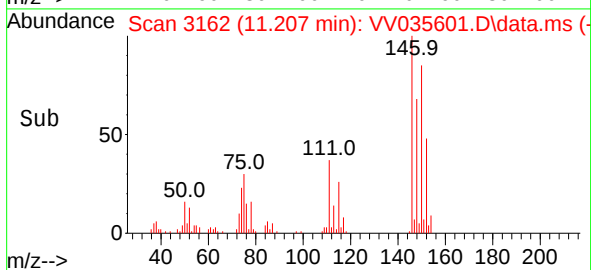
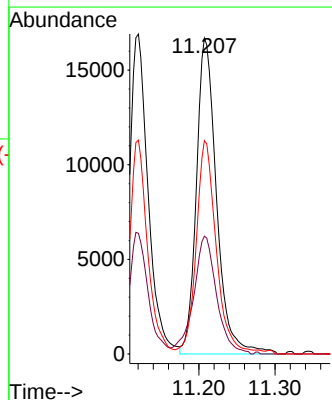
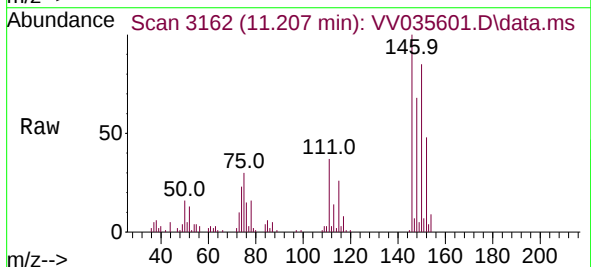
Tgt Ion:146 Resp: 30783

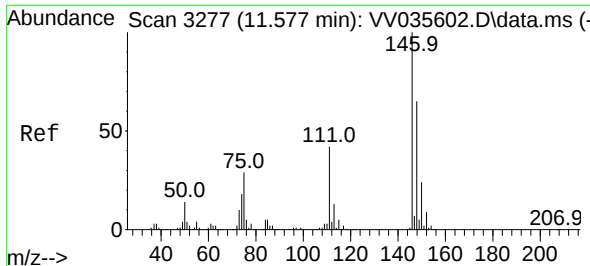
Ion Ratio Lower Upper

146 100

111 37.3 25.8 47.8

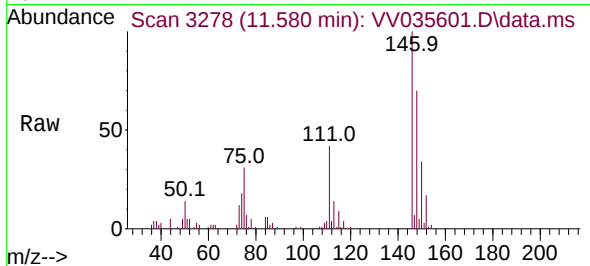
148 67.5 44.0 81.6



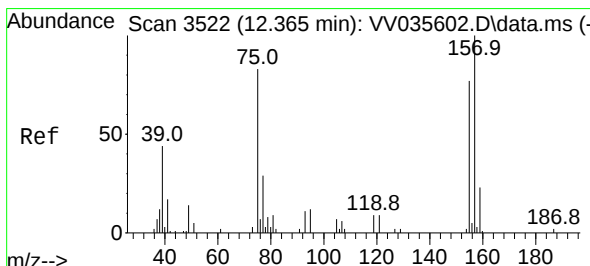
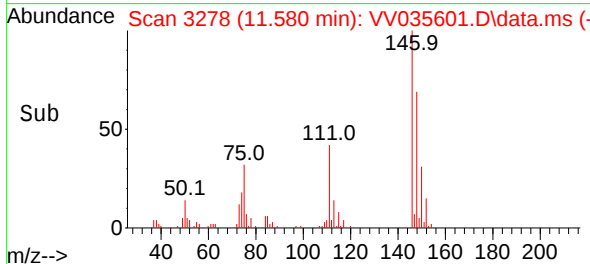
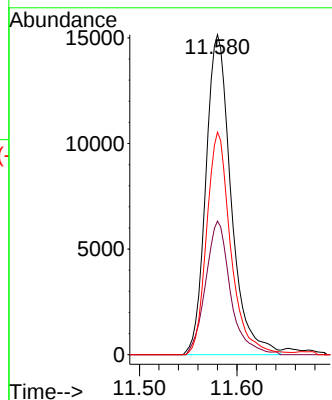


#67
1,2-Dichlorobenzene
Concen: 0.900 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :

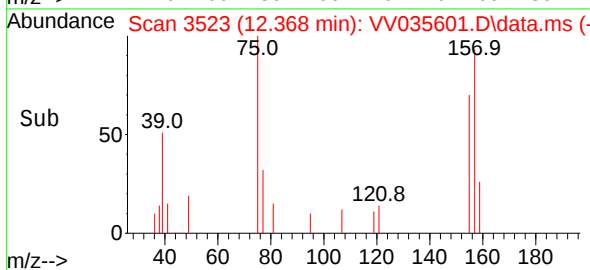
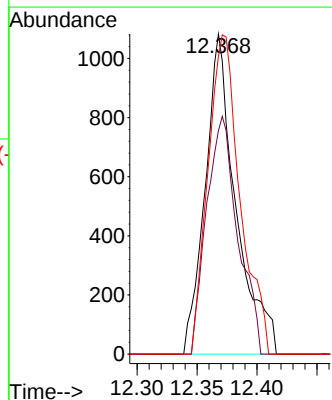
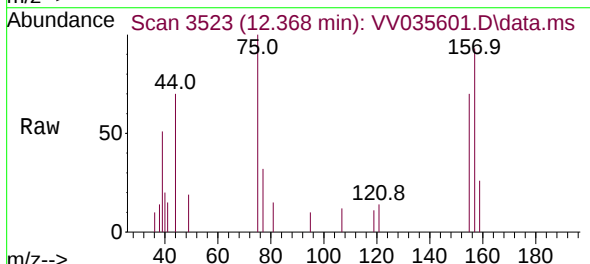


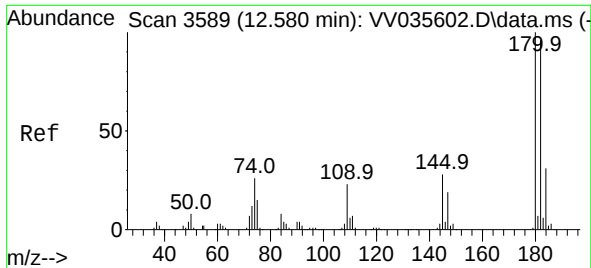
Tgt Ion:146 Resp: 27299
Ion Ratio Lower Upper
146 100
111 41.8 33.5 50.3
148 69.6 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.962 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion: 75 Resp: 1929
Ion Ratio Lower Upper
75 100
155 69.8 73.4 110.0#
157 93.1 95.8 143.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.854 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

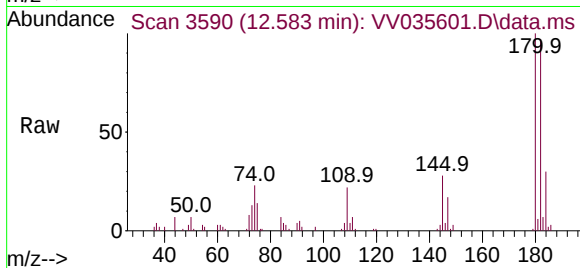
Lab File: VV035601.D

Acq: 14 May 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 20944

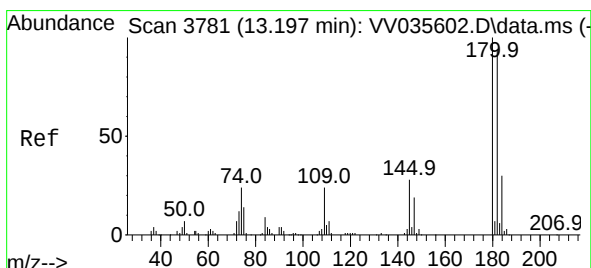
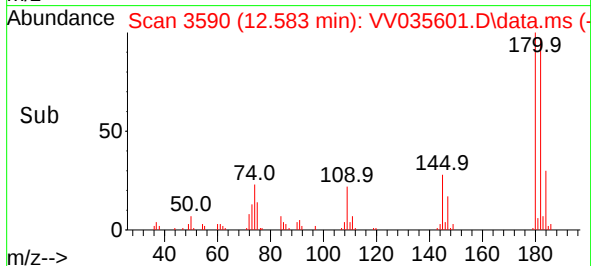
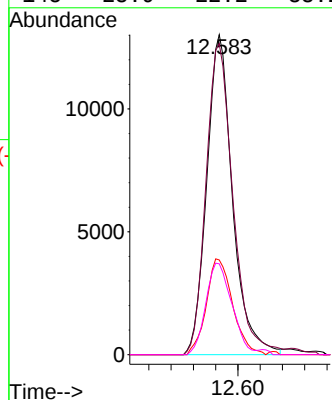
Ion Ratio Lower Upper

180 100

182 101.4 75.9 113.9

184 30.5 24.0 36.0

145 28.9 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 0.801 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035601.D

Acq: 14 May 2024 10:12

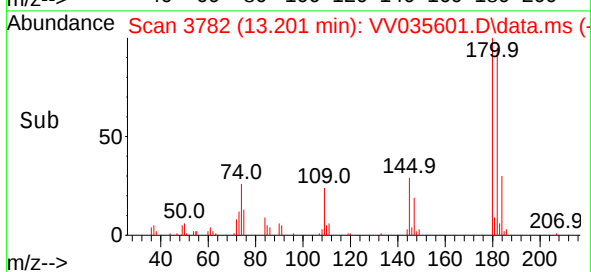
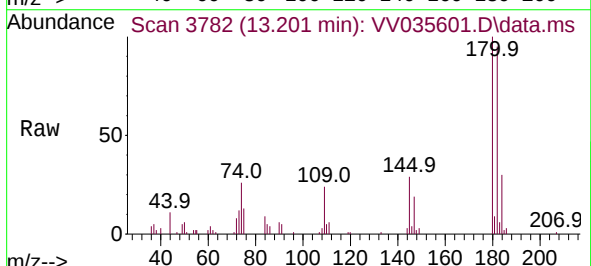
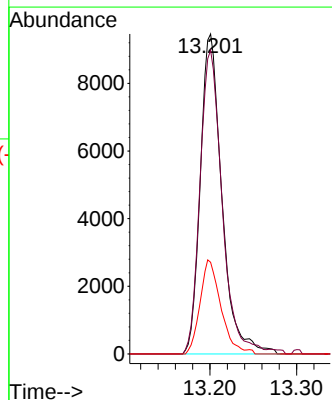
Tgt Ion:180 Resp: 16368

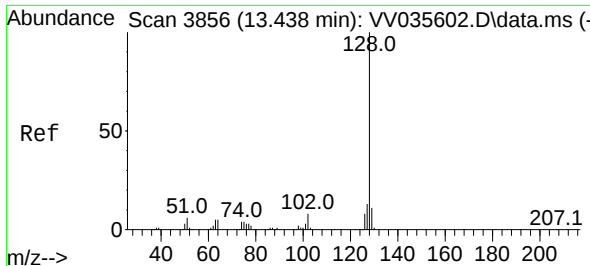
Ion Ratio Lower Upper

180 100

182 97.1 76.5 114.7

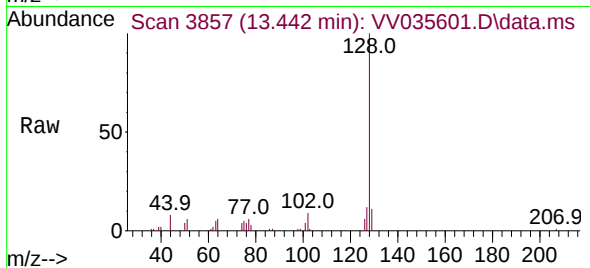
145 28.4 22.9 34.3



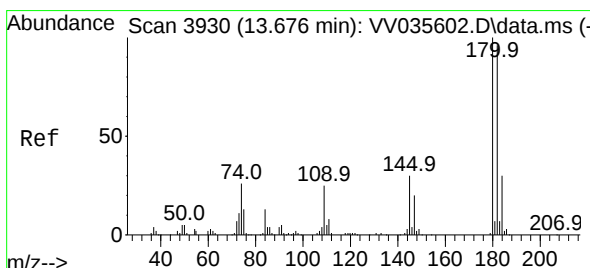
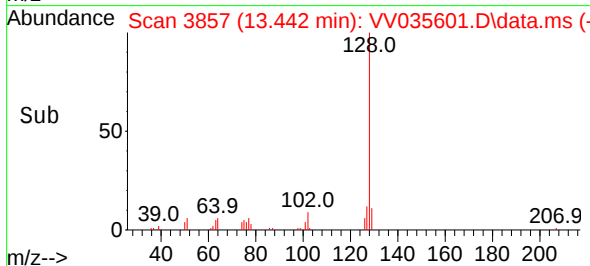
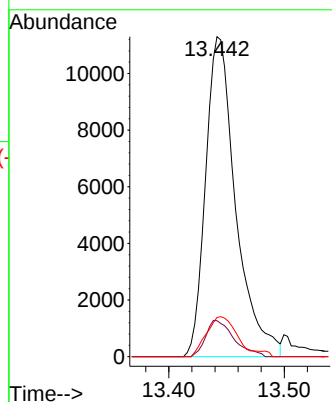


#71
Naphthalene
Concen: 0.693 ug/L
RT: 13.442 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 20507
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.1 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 0.790 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035601.D
Acq: 14 May 2024 10:12

Tgt Ion:180 Resp: 14432
Ion Ratio Lower Upper
180 100
182 99.6 76.6 114.8
145 30.8 25.1 37.7

