

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037879.D
 Acq On : 16 Oct 2024 17:25
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 02:48:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 02:37:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	302900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	316269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	166870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94515	4.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.529	69	82578	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.053	65	44992	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.825	46	219929	48.127	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.260%
24) Chloroform-d	4.239	84	214154	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.937	65	96756	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.953	84	407108	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.982	67	120523	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.236	98	376484	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.554	79	43159	4.665	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.024	63	204299	52.756	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101295	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	137977	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	149263	4.945	ug/L	99
3) Chloromethane	1.214	50	144170	4.964	ug/L	98
5) Vinyl chloride	1.278	62	147920	4.973	ug/L	99
6) Bromomethane	1.484	94	91071	4.815	ug/L	99
8) Chloroethane	1.545	64	89778	4.985	ug/L	96
9) Trichlorofluoromethane	1.709	101	195580	4.896	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	114168	4.924	ug/L	98
12) 1,1-Dichloroethene	2.063	96	112184	5.102	ug/L	97
13) Acetone	2.153	43	173000	50.046	ug/L	98
14) Carbon disulfide	2.233	76	372852	4.959	ug/L	100
15) Methyl Acetate	2.391	43	44738	5.043	ug/L	98
16) Methylene chloride	2.442	84	128313	4.544	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	274737	5.386	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	124752	5.092	ug/L	99
19) 1,1-Dichloroethane	3.104	63	223242	5.171	ug/L	99
21) 2-Butanone	3.902	43	248052	47.478	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	131400	5.231	ug/L	95
23) Bromochloromethane	4.143	128	59895	5.139	ug/L	95
25) Chloroform	4.268	83	232844	5.121	ug/L	99

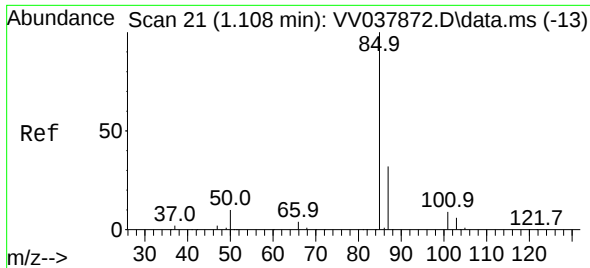
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 02:37:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	132999	5.334	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	199225	5.120	ug/L	99
30) Cyclohexane	4.571	56	171080	5.073	ug/L	99
31) Carbon tetrachloride	4.725	117	174112	5.152	ug/L	99
33) Benzene	5.002	78	499151	5.292	ug/L	100
34) Trichloroethene	5.828	95	133385	5.254	ug/L	99
35) Methylcyclohexane	6.040	83	192035	5.110	ug/L	97
37) 1,2-Dichloropropane	6.088	63	117579	4.952	ug/L	99
38) Bromodichloromethane	6.429	83	158423	5.158	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	171222	4.982	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	672096	53.730	ug/L	99
42) Toluene	7.310	91	534046	5.420	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	146873	5.227	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	92669	5.250	ug/L	98
47) Tetrachloroethene	7.899	164	101918	5.141	ug/L	97
48) 2-Hexanone	8.072	43	477841	53.107	ug/L	100
49) Dibromochloromethane	8.169	129	98381	5.027	ug/L	98
50) 1,2-Dibromoethane	8.278	107	89210	5.284	ug/L	98
51) Chlorobenzene	8.808	112	350293	5.244	ug/L	99
52) Ethylbenzene	8.940	91	571806	5.306	ug/L	99
53) m,p-Xylene	9.066	106	219278	5.468	ug/L	99
54) o-Xylene	9.471	106	208114	5.311	ug/L	100
55) Styrene	9.490	104	372660	5.543	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	111910	5.406	ug/L	96
59) Bromoform	9.661	173	49866	4.722	ug/L	98
60) Isopropylbenzene	9.860	105	570752	5.368	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	76523	5.230	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	440736	5.244	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	452190	5.414	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	282947	5.223	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	286515	5.158	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	262085	5.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	15783	5.159	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	199872	5.117	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	164278	5.164	ug/L	98
71) Naphthalene	13.435	128	254298	5.144	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	147381	5.236	ug/L	99

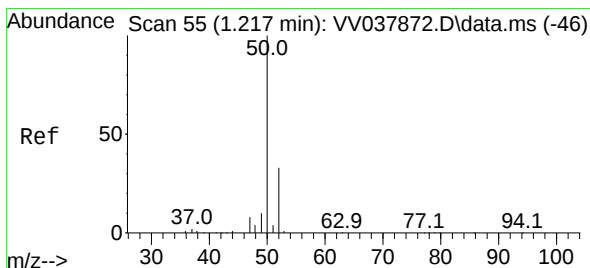
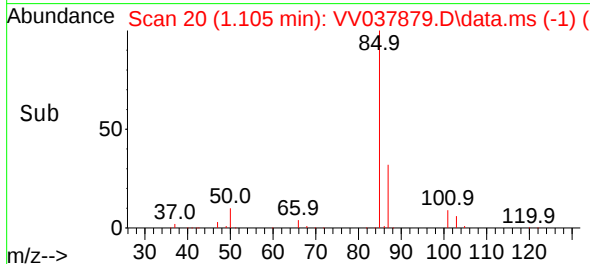
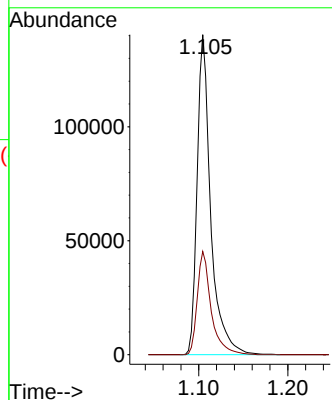
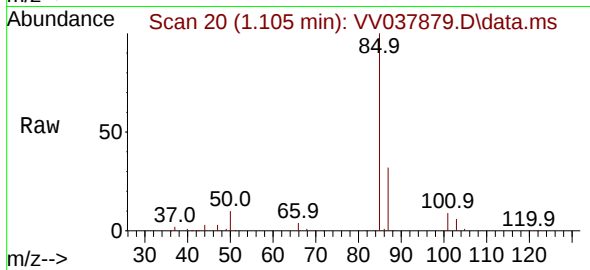
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.945 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

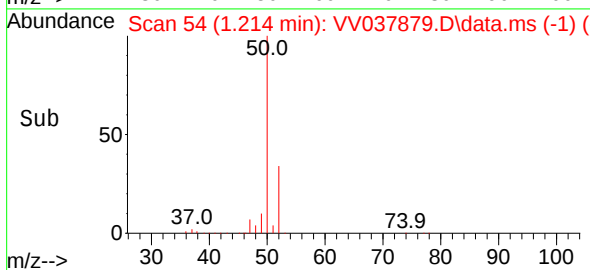
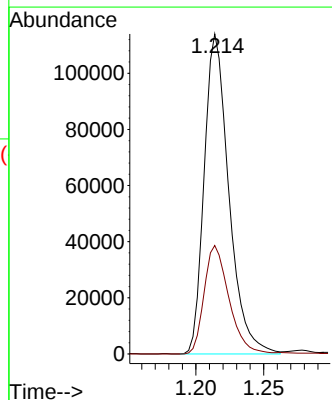
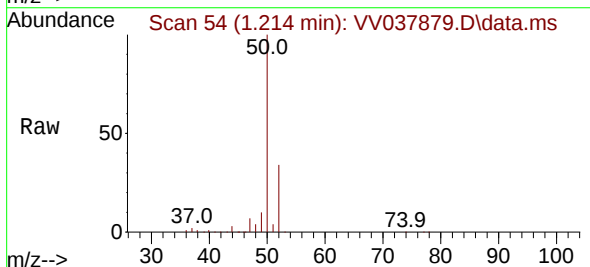
Instrument :
MSVOA_V
ClientSampleId :

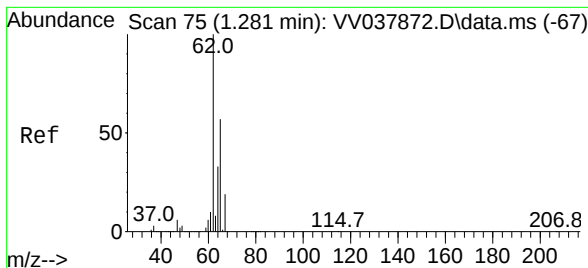
Tgt Ion: 85 Resp: 149263
Ion Ratio Lower Upper
85 100
87 33.0 25.8 38.6



#3
Chloromethane
Concen: 4.964 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

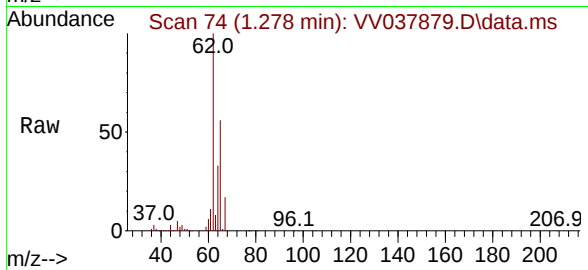
Tgt Ion: 50 Resp: 144170
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.3



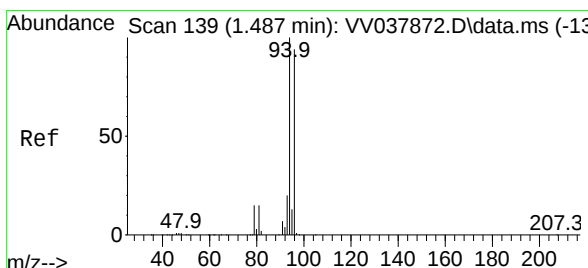
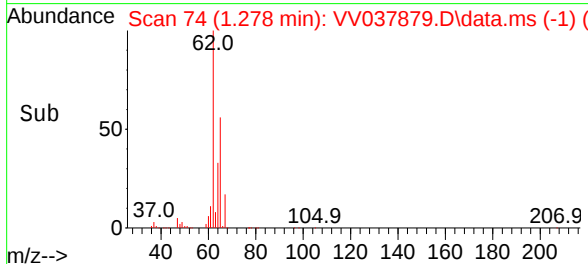
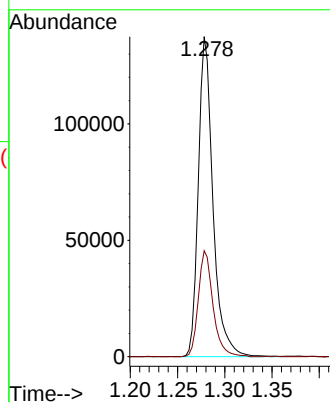


#5
 Vinyl chloride
 Concen: 4.973 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037879.D
 Acq: 16 Oct 2024 17:25

Instrument :
 MSVOA_V
 ClientSampleId :

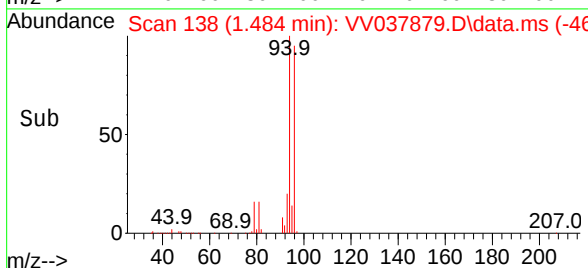
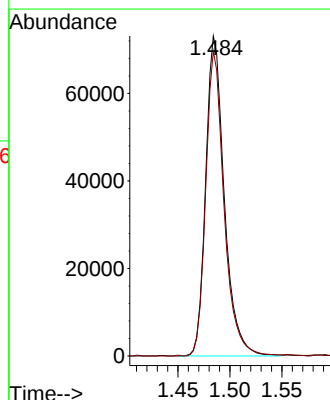
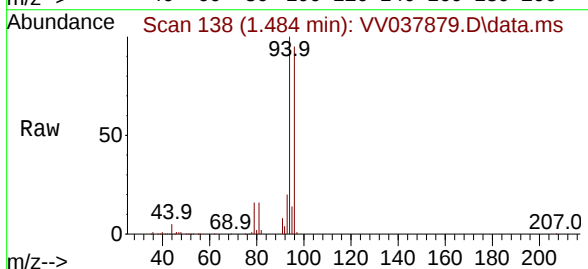


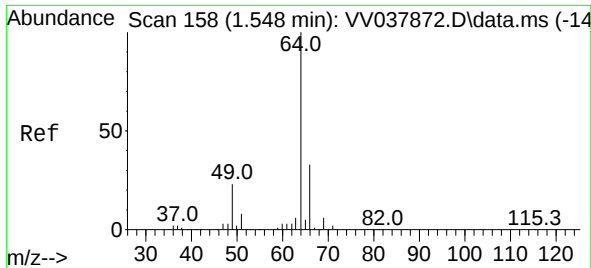
Tgt Ion: 62 Resp: 147920
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.6



#6
 Bromomethane
 Concen: 4.815 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037879.D
 Acq: 16 Oct 2024 17:25

Tgt Ion: 94 Resp: 91071
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.1 122.7

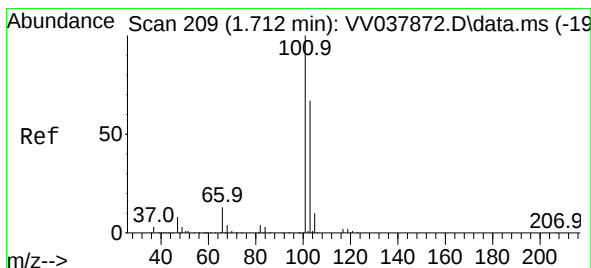
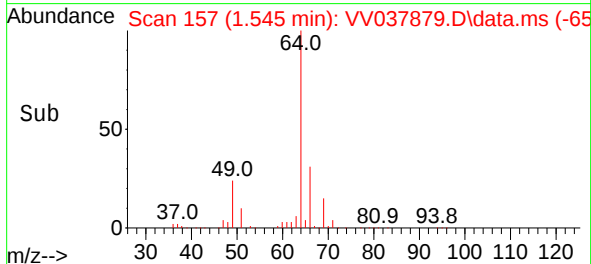
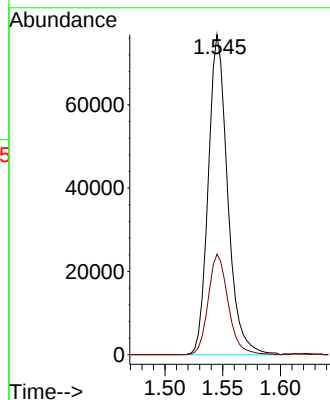
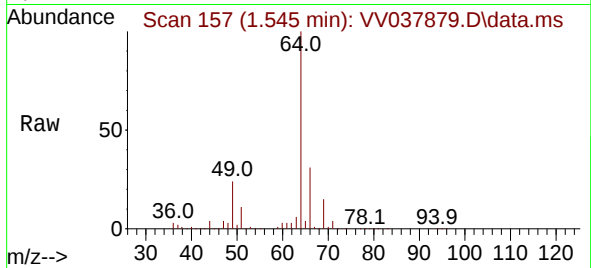




#8
Chloroethane
Concen: 4.985 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

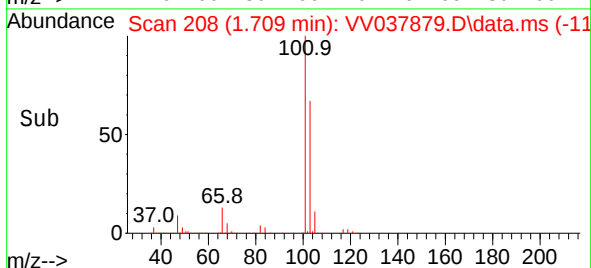
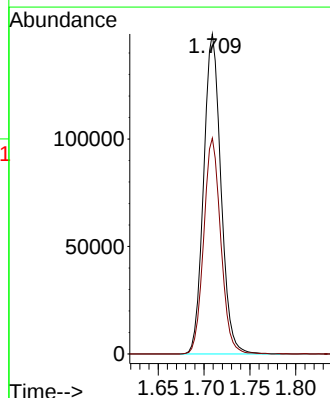
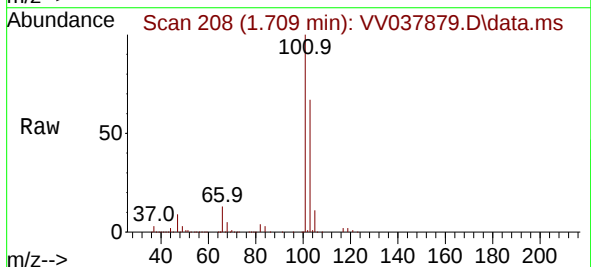
Instrument :
MSVOA_V
ClientSampleId :

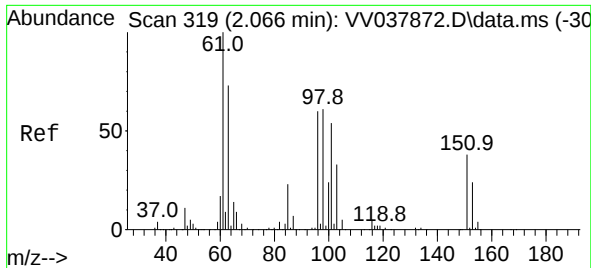
Tgt Ion: 64 Resp: 89778
Ion Ratio Lower Upper
64 100
66 31.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.896 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion:101 Resp: 195580
Ion Ratio Lower Upper
101 100
103 66.5 52.2 78.2

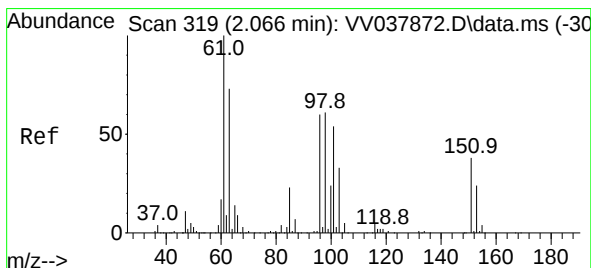
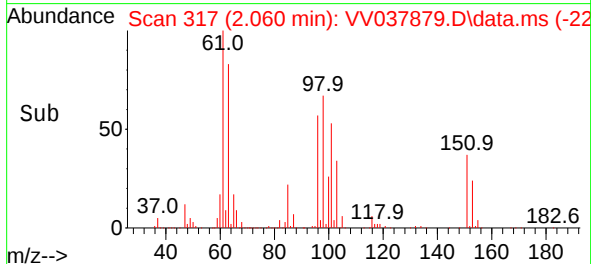
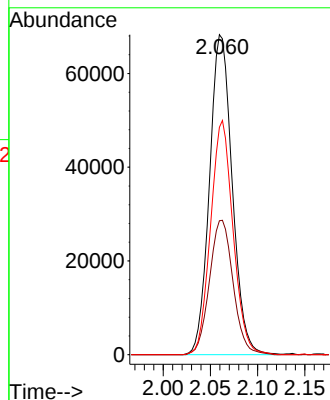
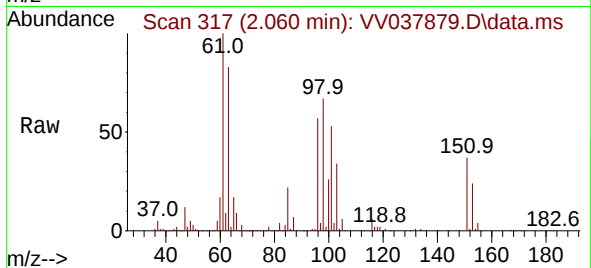




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.924 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037879.D
 Acq: 16 Oct 2024 17:25

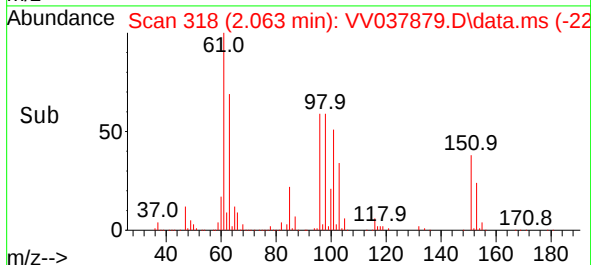
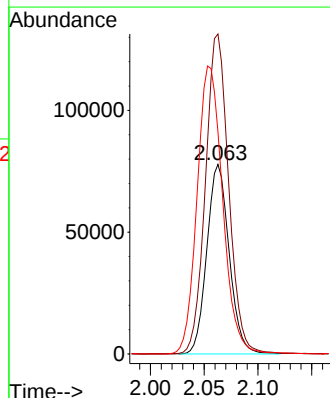
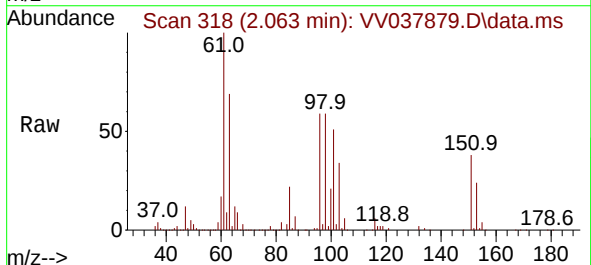
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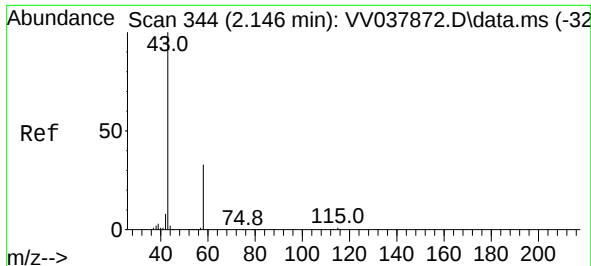
Tgt Ion:101 Resp: 114168
 Ion Ratio Lower Upper
 101 100
 85 43.6 33.6 50.4
 151 72.4 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 5.102 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037879.D
 Acq: 16 Oct 2024 17:25

Tgt Ion: 96 Resp: 112184
 Ion Ratio Lower Upper
 96 100
 61 168.8 116.3 215.9
 63 117.2 84.9 157.7





#13

Acetone

Concen: 50.046 ug/L

RT: 2.153 min Scan# 344

Delta R.T. 0.006 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

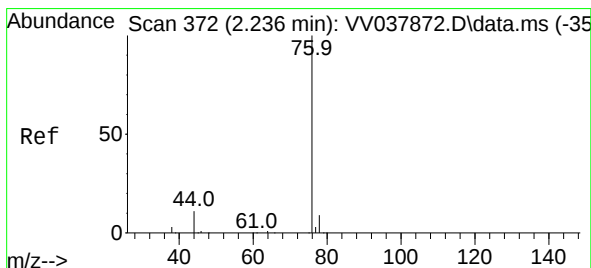
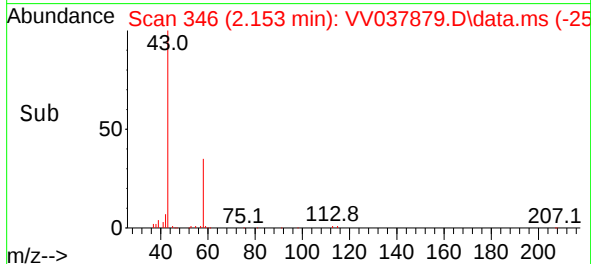
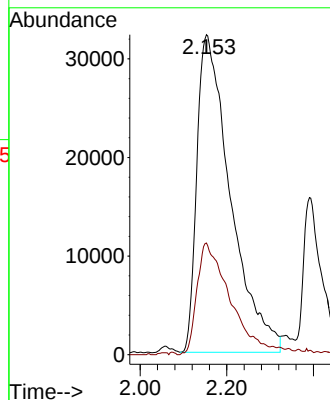
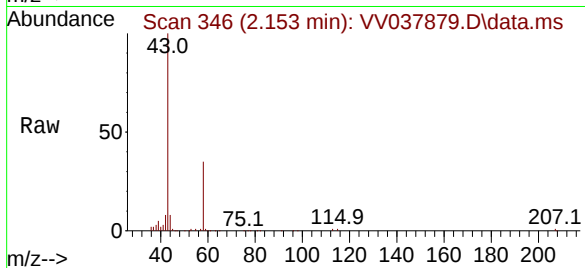
ClientSampleId :

Tgt Ion: 43 Resp: 173000

Ion Ratio Lower Upper

43 100

58 34.2 0.0 70.6



#14

Carbon disulfide

Concen: 4.959 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037879.D

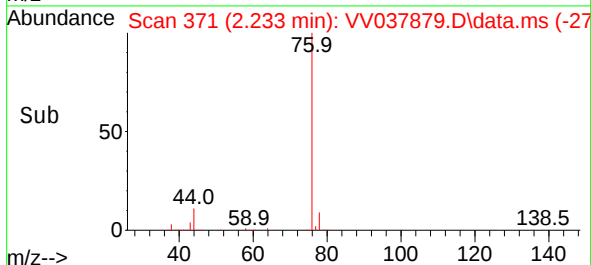
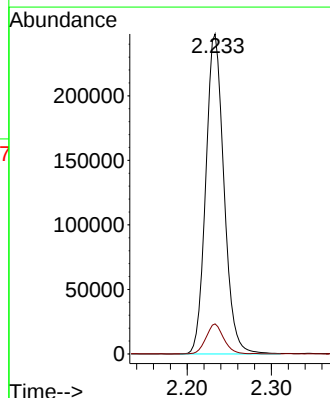
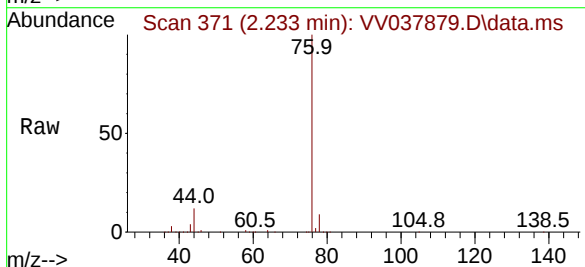
Acq: 16 Oct 2024 17:25

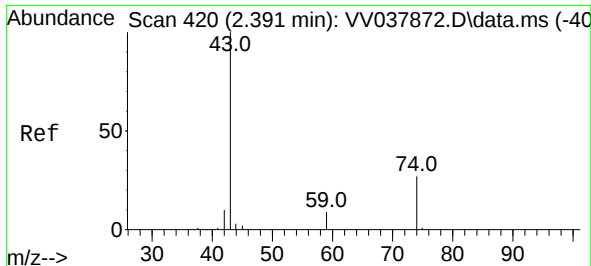
Tgt Ion: 76 Resp: 372852

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 5.043 ug/L

RT: 2.391 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

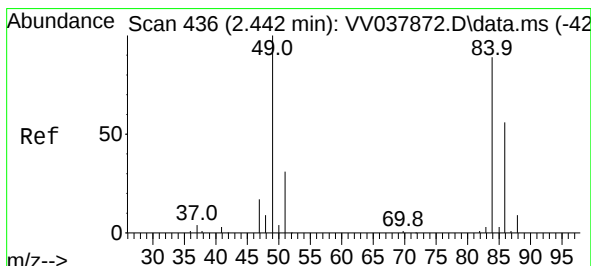
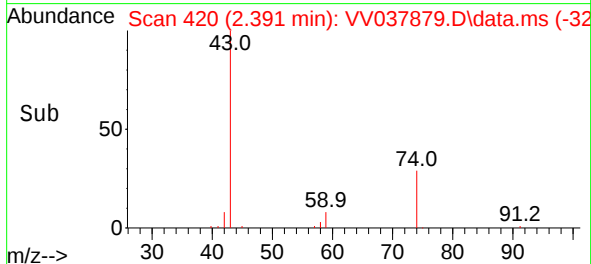
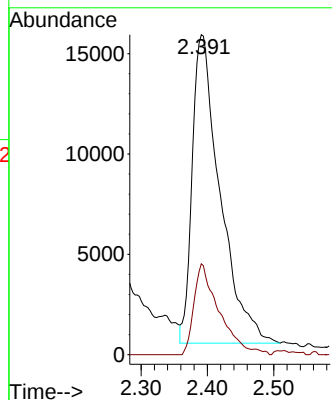
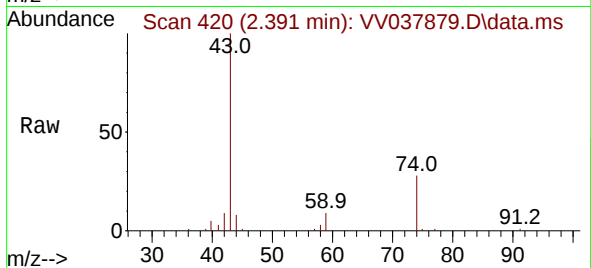
ClientSampleId :

Tgt Ion: 43 Resp: 44738

Ion Ratio Lower Upper

43 100

74 26.7 20.4 30.6



#16

Methylene chloride

Concen: 4.544 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

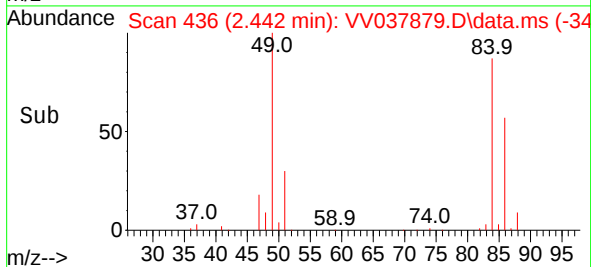
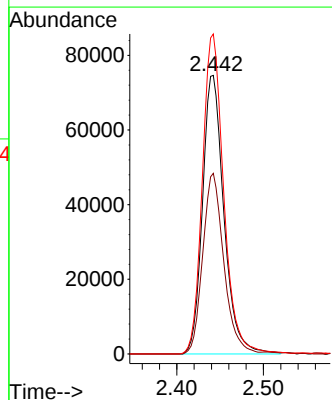
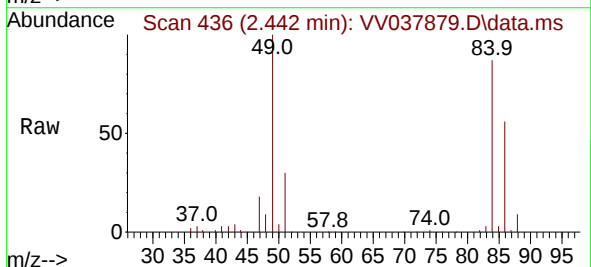
Tgt Ion: 84 Resp: 128313

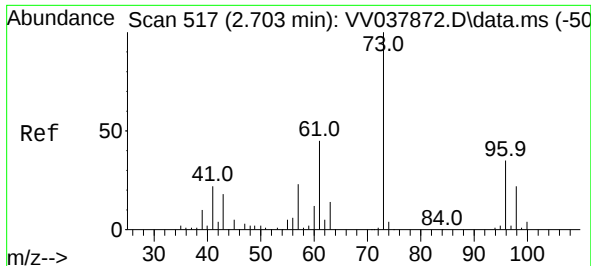
Ion Ratio Lower Upper

84 100

86 64.9 44.0 81.6

49 114.9 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 5.386 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :

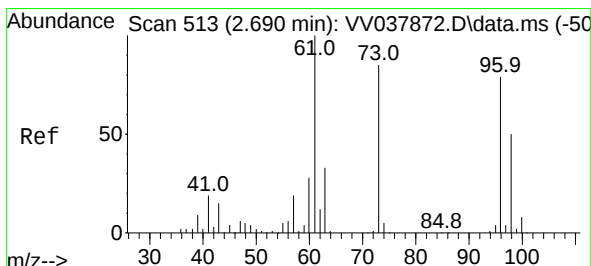
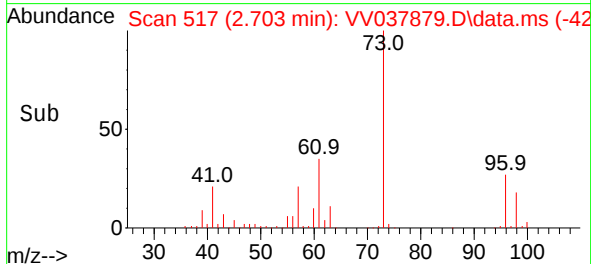
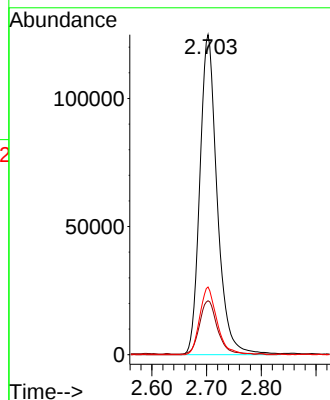
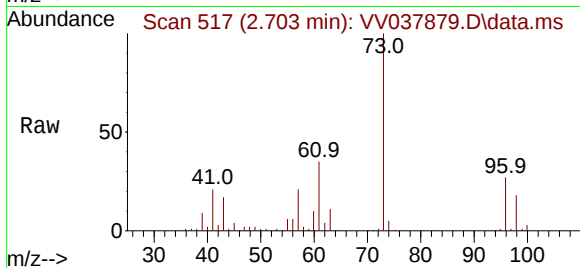
Tgt Ion: 73 Resp: 274737

Ion Ratio Lower Upper

73 100

43 17.1 14.2 21.2

57 20.9 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.092 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

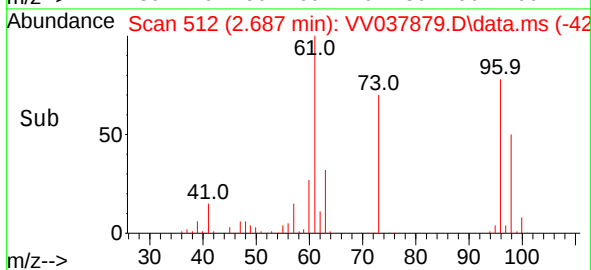
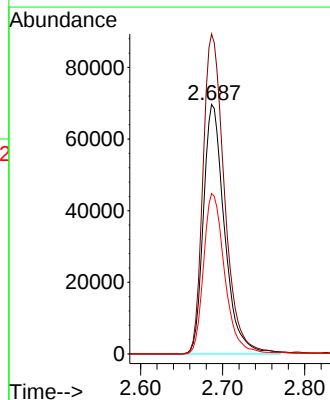
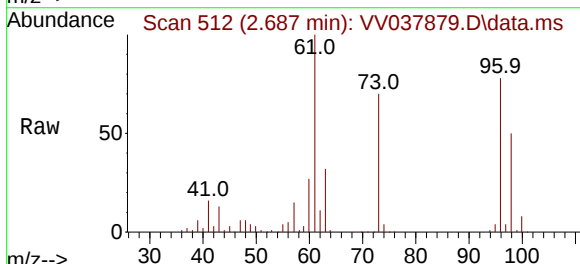
Tgt Ion: 96 Resp: 124752

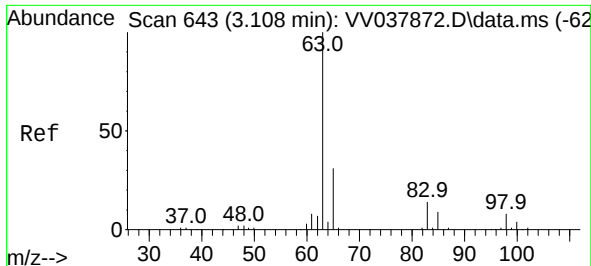
Ion Ratio Lower Upper

96 100

61 128.2 88.4 164.2

98 64.2 44.6 82.8





#19

1,1-Dichloroethane

Concen: 5.171 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :

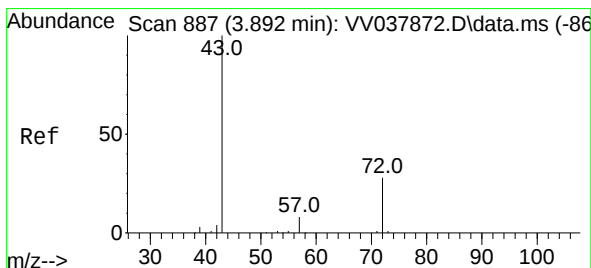
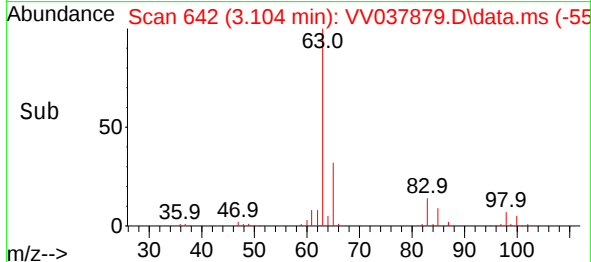
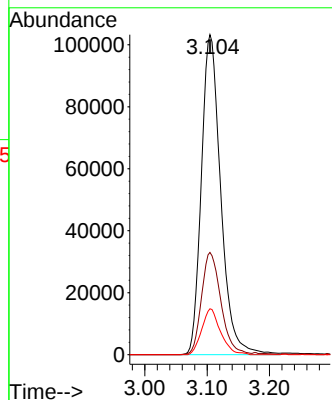
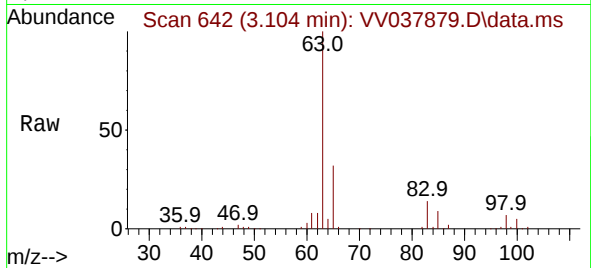
Tgt Ion: 63 Resp: 223242

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

83 14.4 9.9 18.3



#21

2-Butanone

Concen: 47.478 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV037879.D

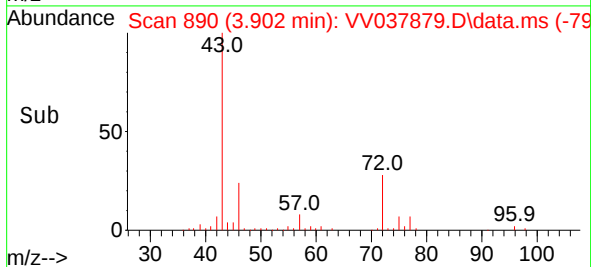
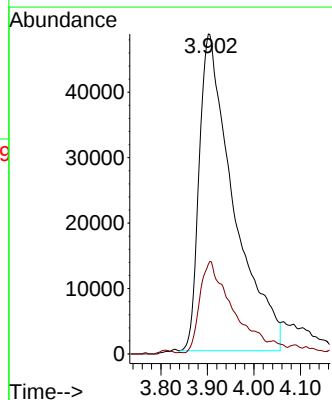
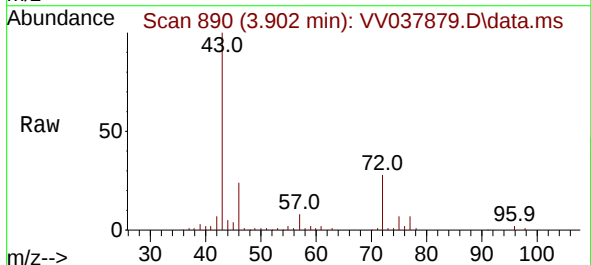
Acq: 16 Oct 2024 17:25

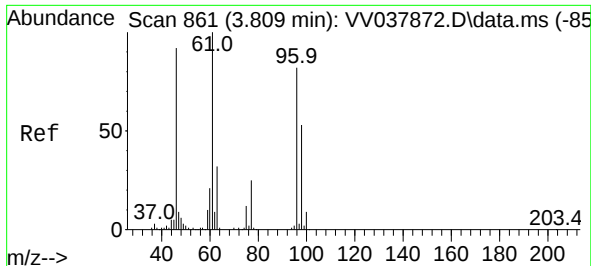
Tgt Ion: 43 Resp: 248052

Ion Ratio Lower Upper

43 100

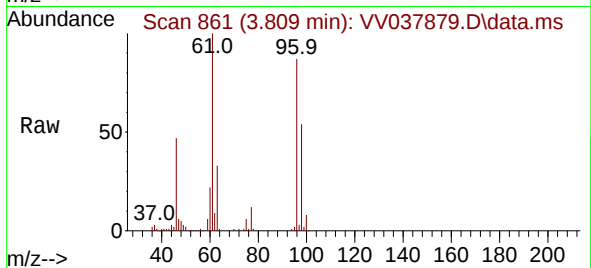
72 27.2 13.0 38.9



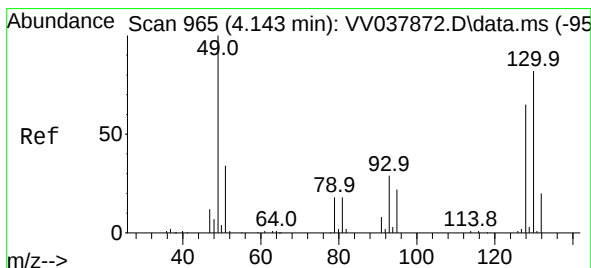
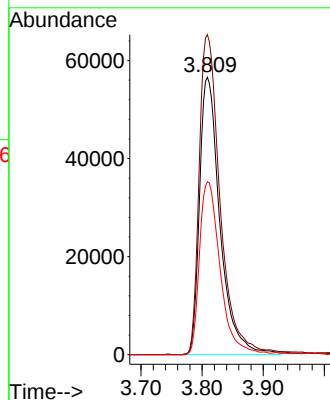
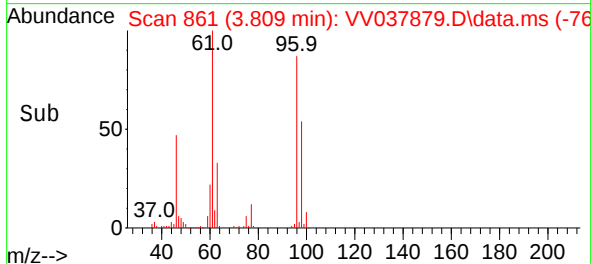


#22
 cis-1,2-Dichloroethene
 Concen: 5.231 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.000 min
 Lab File: VV037879.D
 Acq: 16 Oct 2024 17:25

Instrument :
 MSVOA_V
 ClientSampleId :

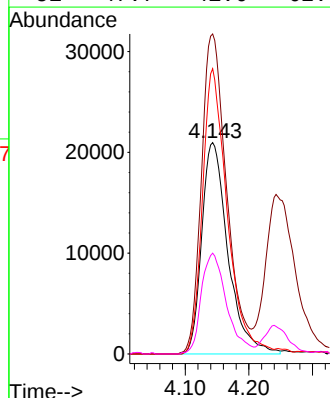
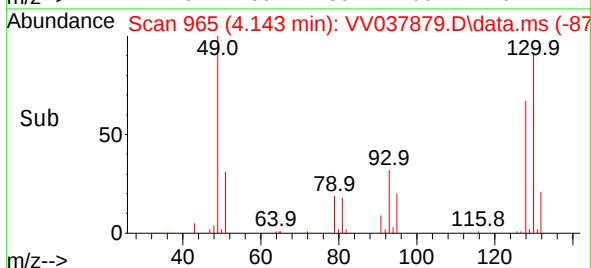
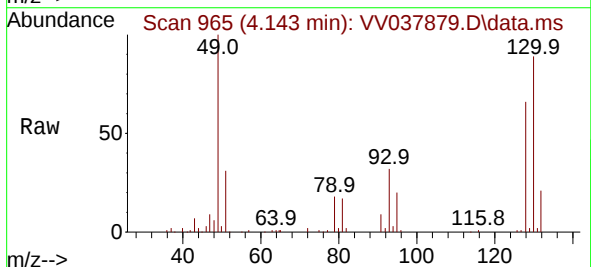


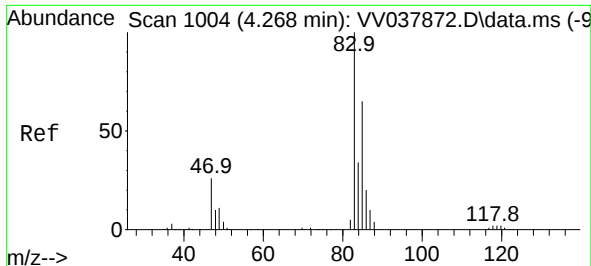
Tgt Ion: 96 Resp: 131400
 Ion Ratio Lower Upper
 96 100
 61 115.4 85.5 158.9
 98 62.3 45.5 84.5



#23
 Bromochloromethane
 Concen: 5.139 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV037879.D
 Acq: 16 Oct 2024 17:25

Tgt Ion: 128 Resp: 59895
 Ion Ratio Lower Upper
 128 100
 49 151.5 107.0 198.6
 130 135.0 88.0 163.4
 51 47.7 41.6 62.4





#25

Chloroform

Concen: 5.121 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

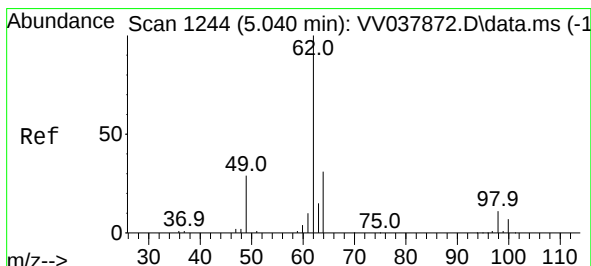
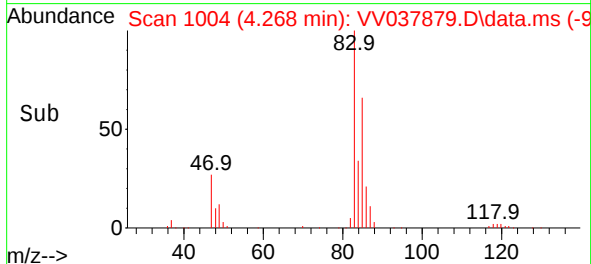
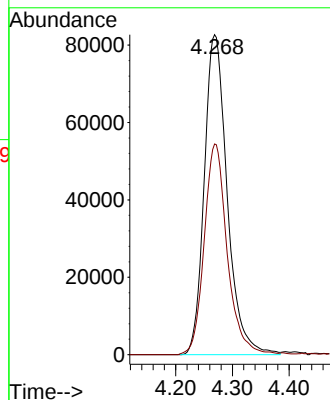
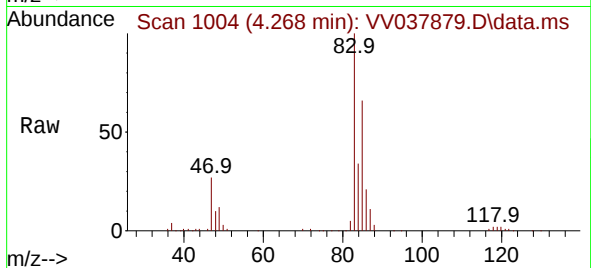
ClientSampleId :

Tgt Ion: 83 Resp: 232844

Ion Ratio Lower Upper

83 100

85 65.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.334 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV037879.D

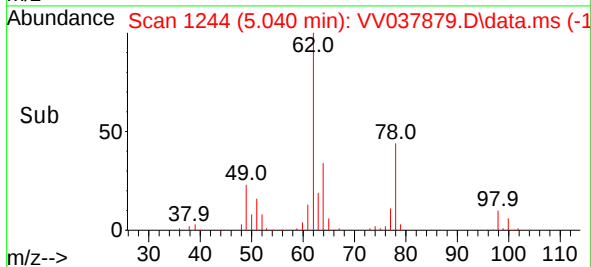
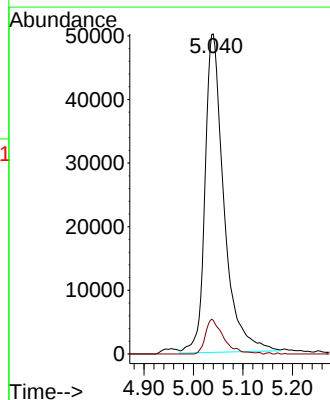
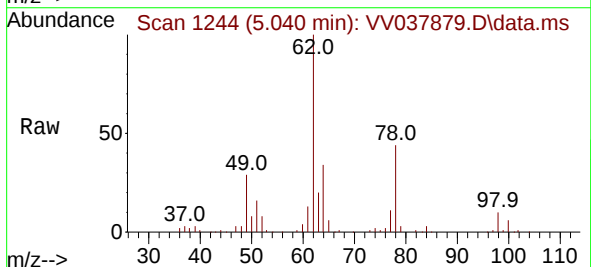
Acq: 16 Oct 2024 17:25

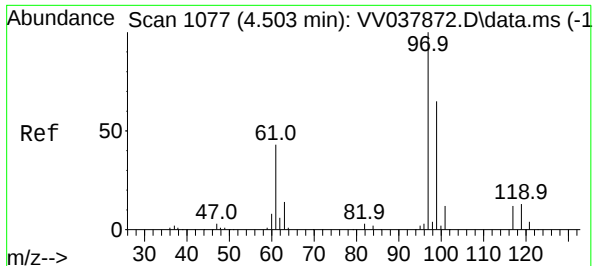
Tgt Ion: 62 Resp: 132999

Ion Ratio Lower Upper

62 100

98 10.5 8.8 13.2

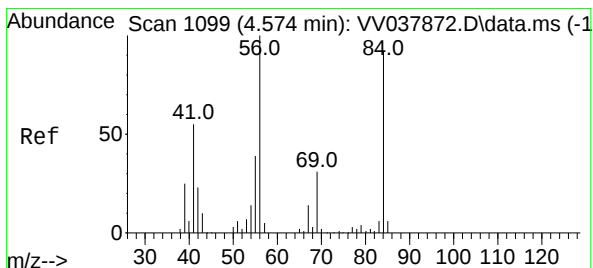
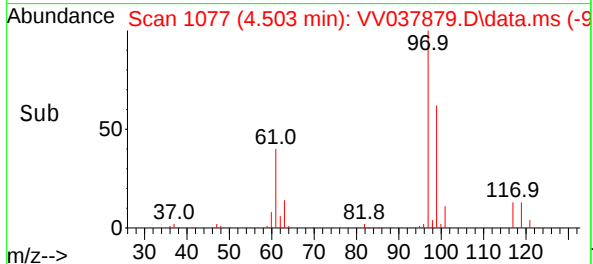
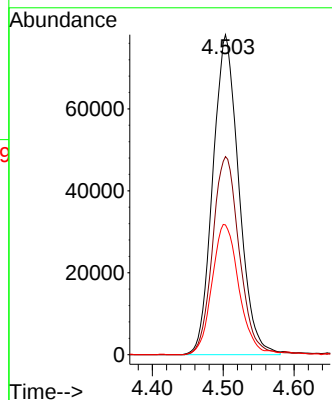
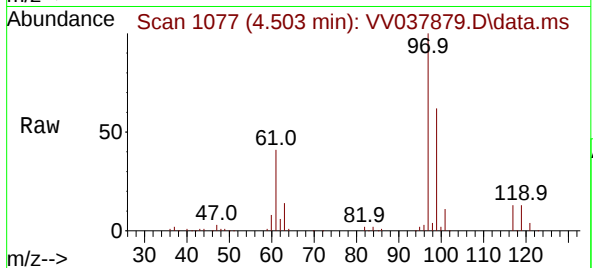




#29
1,1,1-Trichloroethane
Concen: 5.120 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

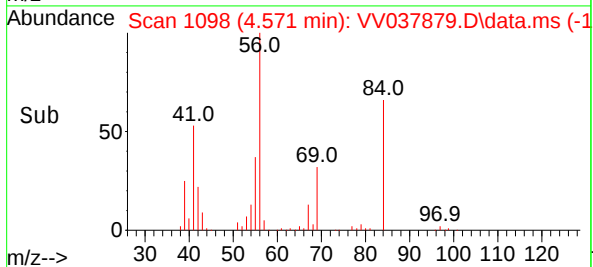
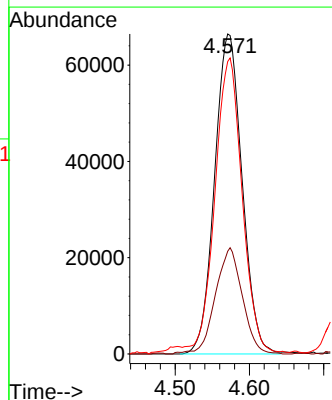
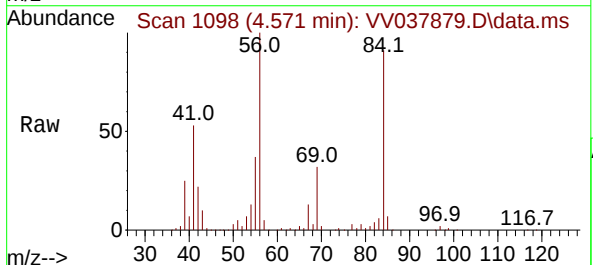
Instrument :
MSVOA_V
ClientSampleId :

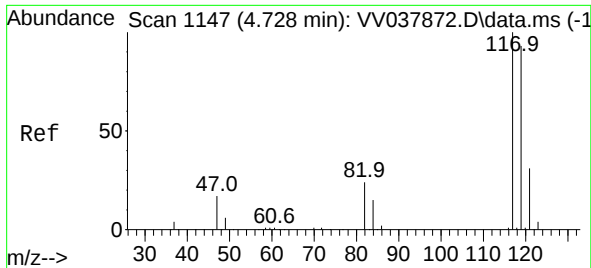
Tgt Ion: 97 Resp: 199225
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 42.2 33.9 50.9



#30
Cyclohexane
Concen: 5.073 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion: 56 Resp: 171080
Ion Ratio Lower Upper
56 100
69 32.6 25.3 37.9
84 91.4 73.9 110.9

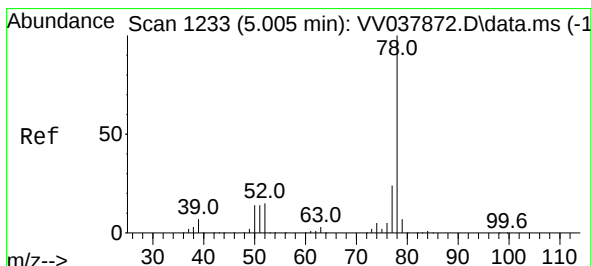
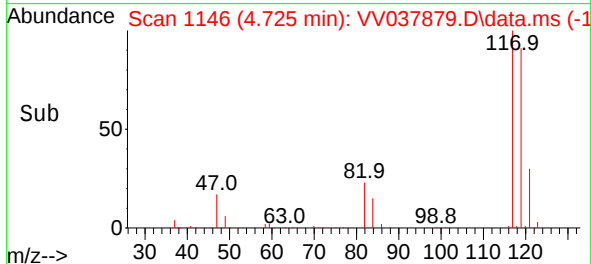
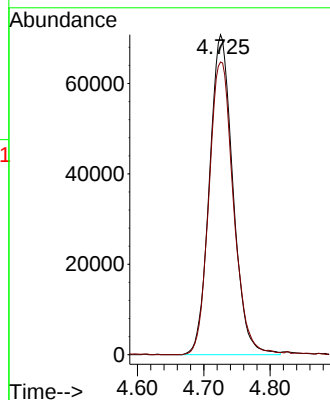
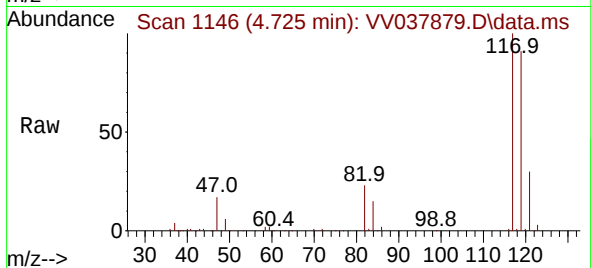




#31
Carbon tetrachloride
Concen: 5.152 ug/L
RT: 4.725 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

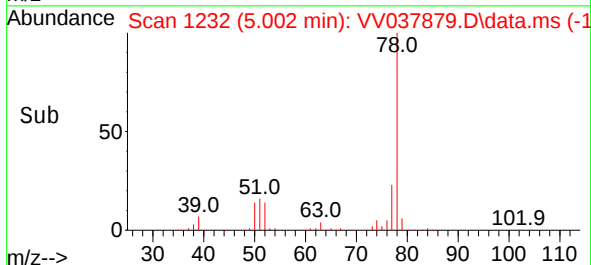
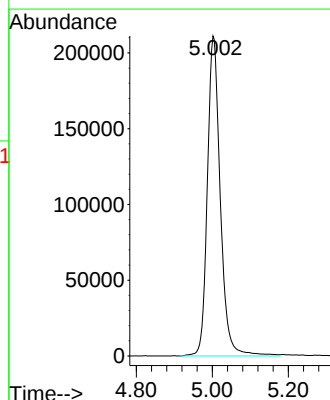
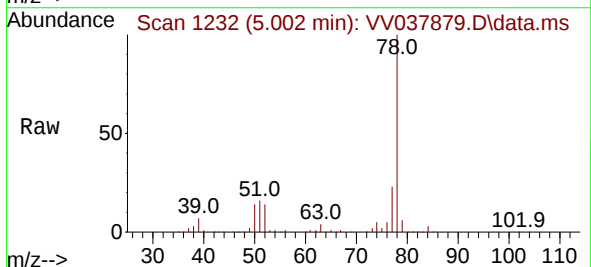
Instrument :
MSVOA_V
ClientSampleId :

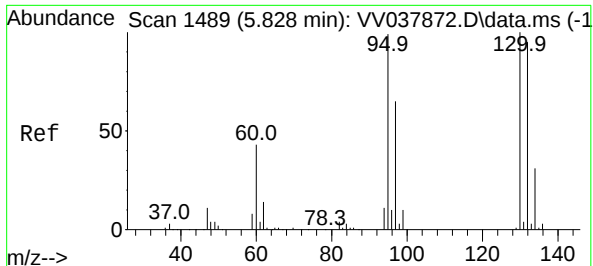
Tgt Ion:117 Resp: 174112
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 5.292 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

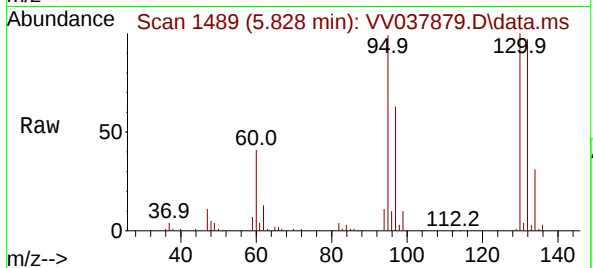
Tgt Ion: 78 Resp: 499151



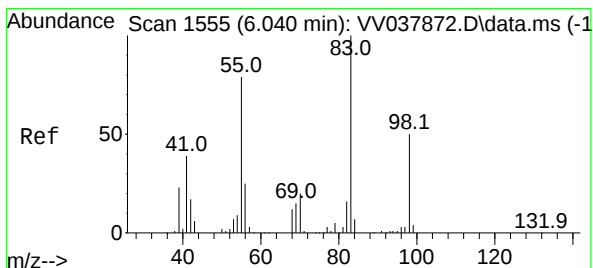
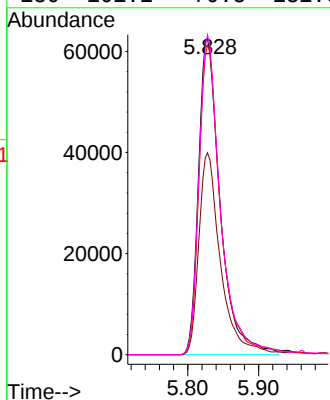
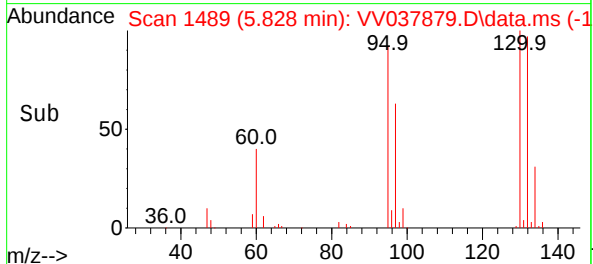


#34
Trichloroethene
Concen: 5.254 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

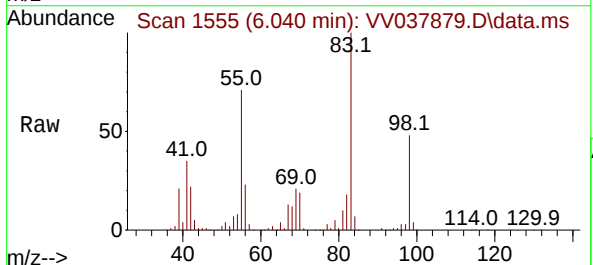
Instrument :
MSVOA_V
ClientSampleId :



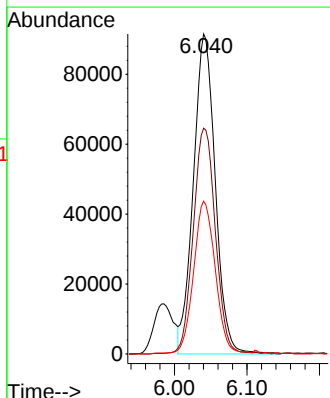
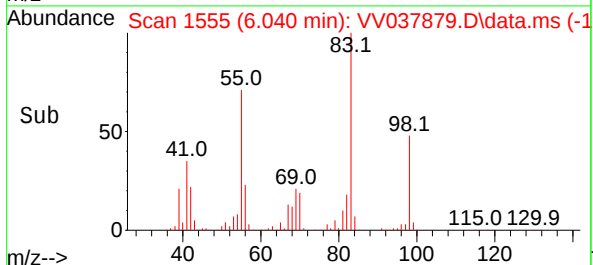
Tgt Ion: 95 Resp: 133385
Ion Ratio Lower Upper
95 100
97 63.8 46.1 85.5
132 97.8 67.3 124.9
130 101.1 70.8 131.6

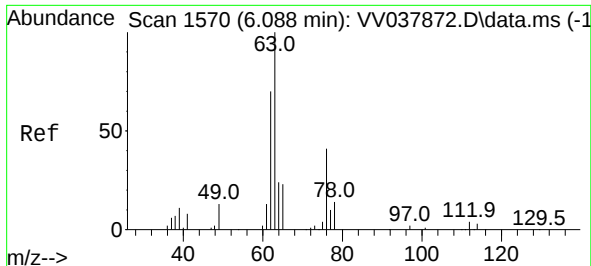


#35
Methylcyclohexane
Concen: 5.110 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25



Tgt Ion: 83 Resp: 192035
Ion Ratio Lower Upper
83 100
55 71.5 59.7 89.5
98 46.4 37.8 56.6

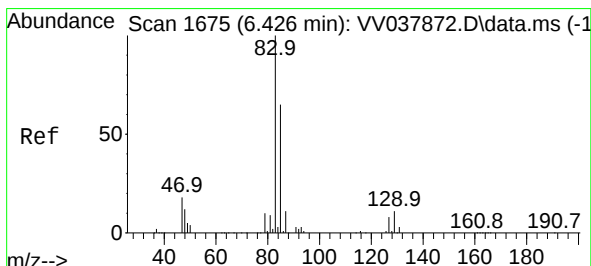
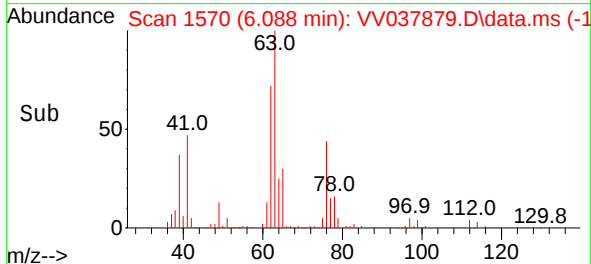
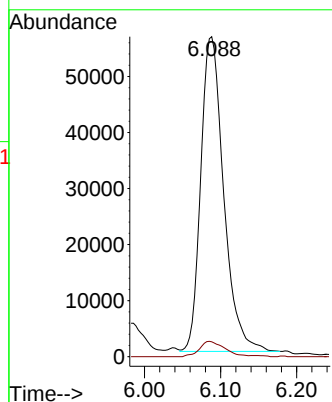
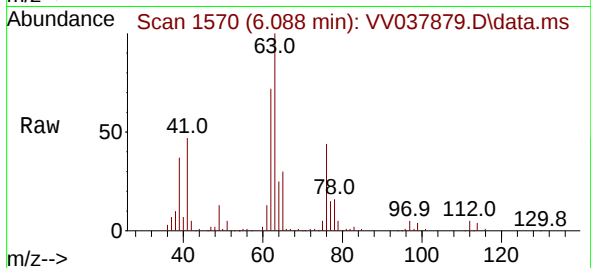




#37
1,2-Dichloropropane
Concen: 4.952 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

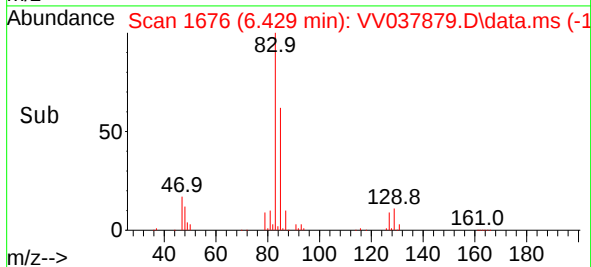
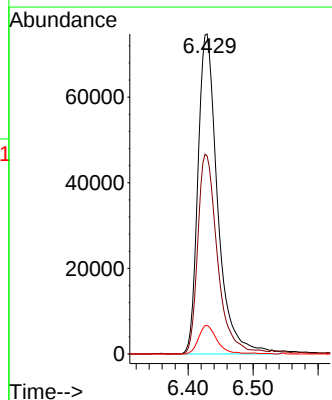
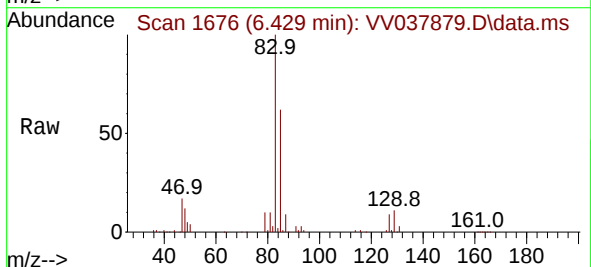
Instrument :
MSVOA_V
ClientSampleId :

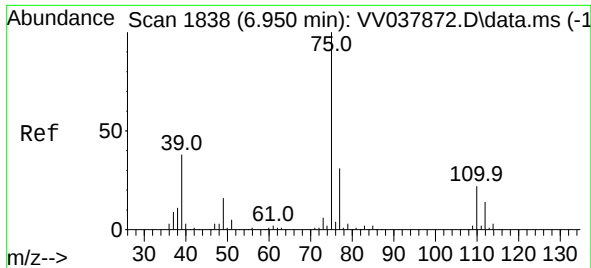
Tgt Ion: 63 Resp: 117579
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 5.158 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion: 83 Resp: 158423
Ion Ratio Lower Upper
83 100
85 61.9 45.3 84.1
127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.982 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

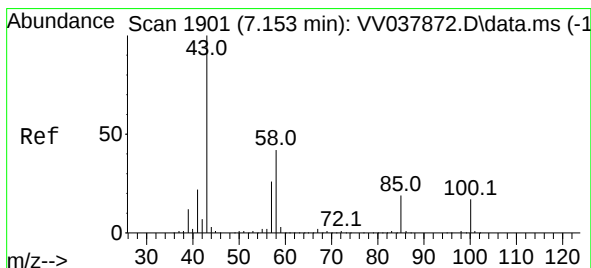
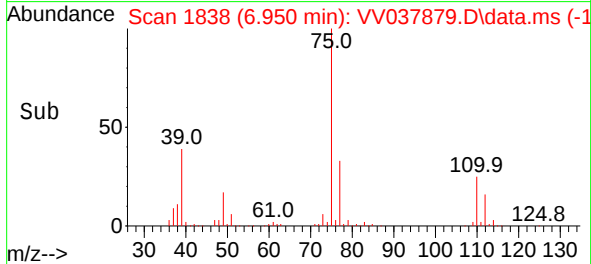
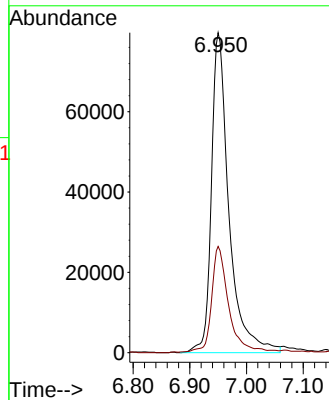
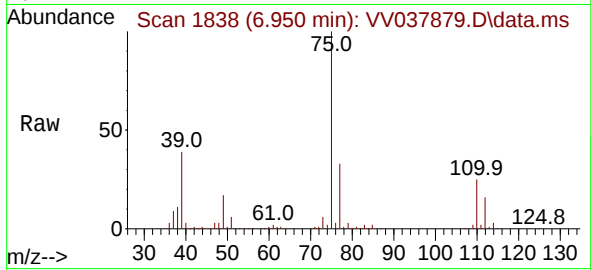
ClientSampleId :

Tgt Ion: 75 Resp: 171222

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.730 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

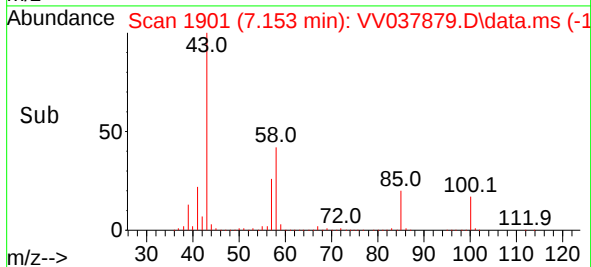
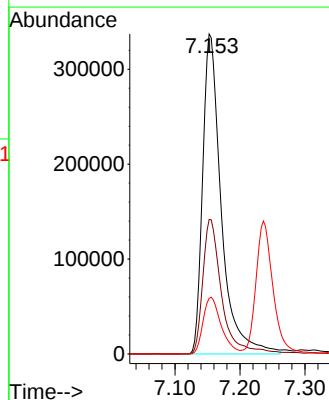
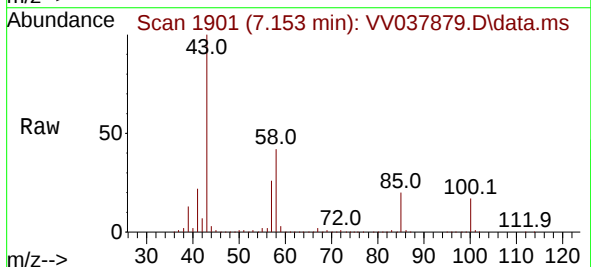
Tgt Ion: 43 Resp: 672096

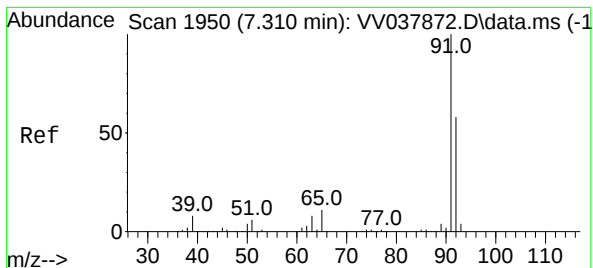
Ion Ratio Lower Upper

43 100

58 43.0 34.3 51.5

100 17.3 13.3 19.9





#42

Toluene

Concen: 5.420 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

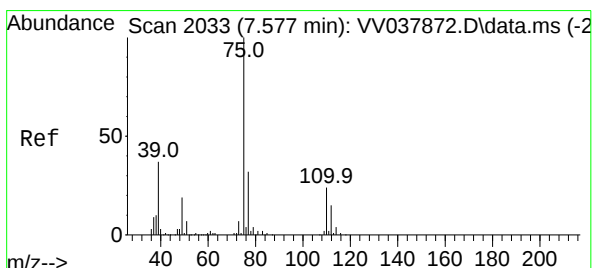
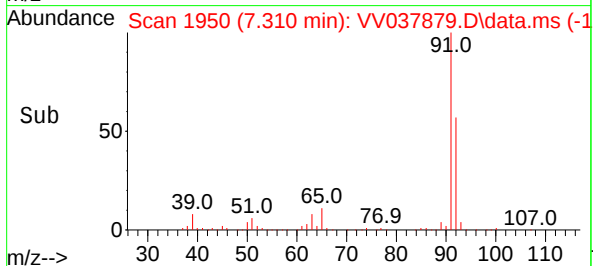
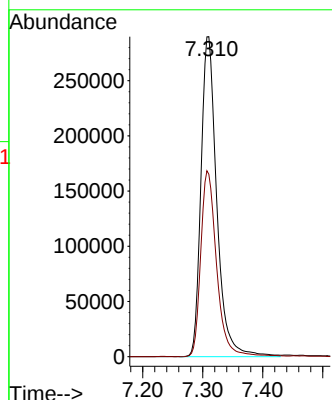
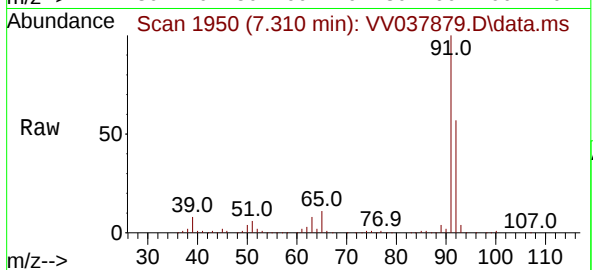
ClientSampleId :

Tgt Ion: 91 Resp: 534046

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.227 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037879.D

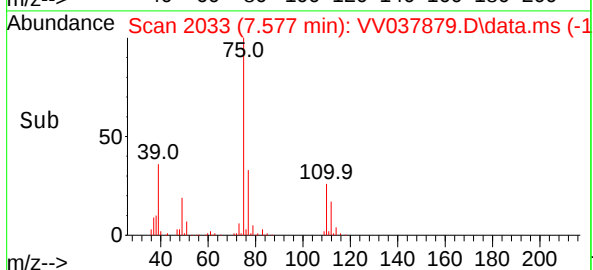
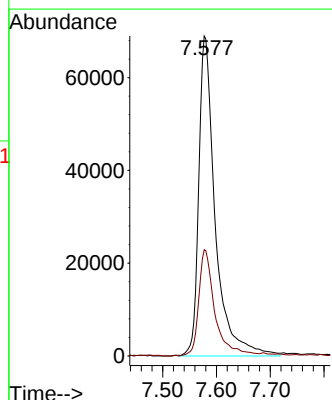
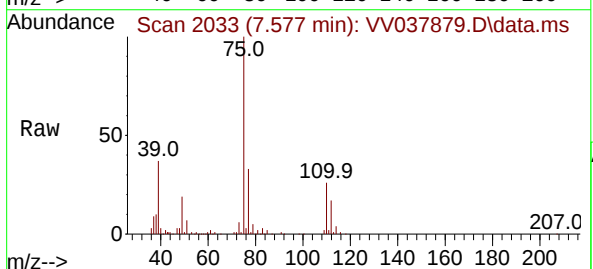
Acq: 16 Oct 2024 17:25

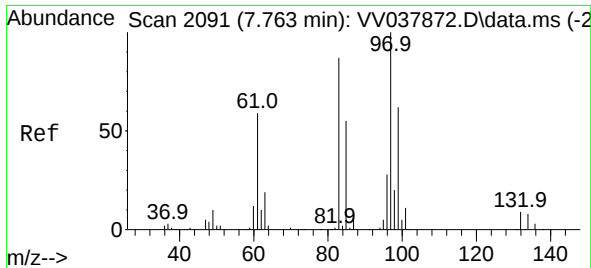
Tgt Ion: 75 Resp: 146873

Ion Ratio Lower Upper

75 100

77 33.2 22.4 41.6

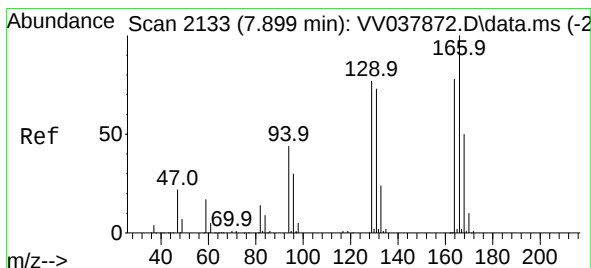
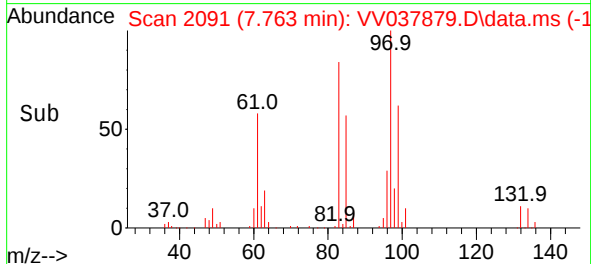
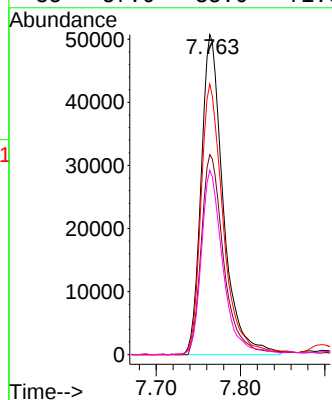
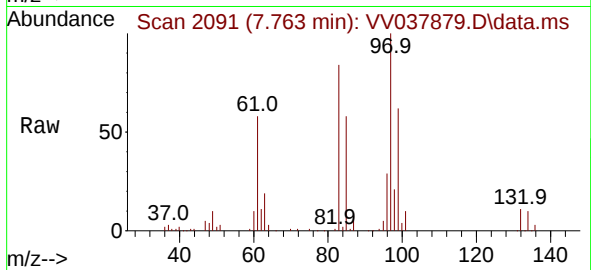




#45
1,1,2-Trichloroethane
Concen: 5.250 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

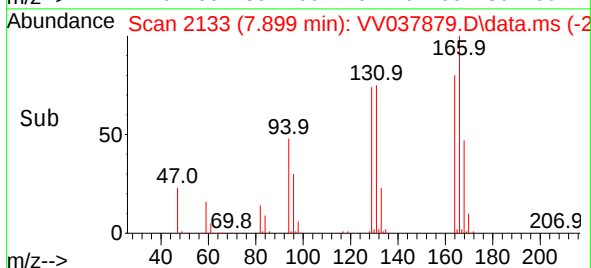
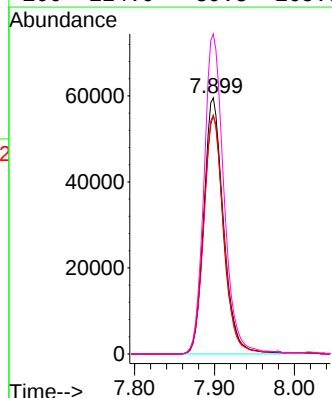
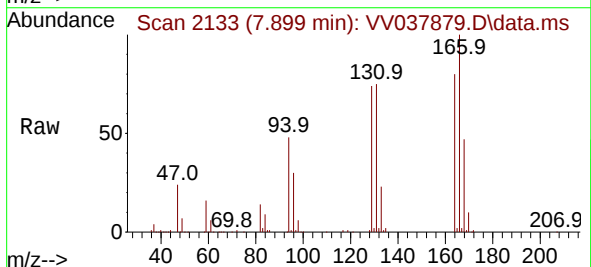
Instrument :
MSVOA_V
ClientSampleId :

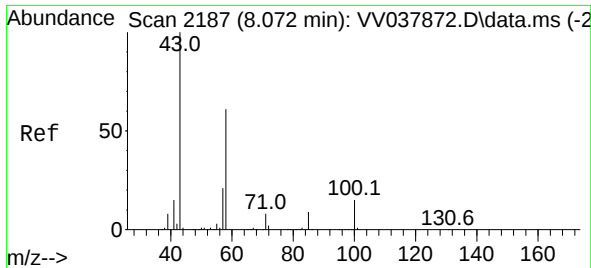
Tgt Ion: 97	Resp: 92669
Ion Ratio	Lower Upper
97 100	
99 62.5	43.5 80.7
83 84.5	61.0 113.2
85 57.6	38.6 71.6



#47
Tetrachloroethene
Concen: 5.141 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

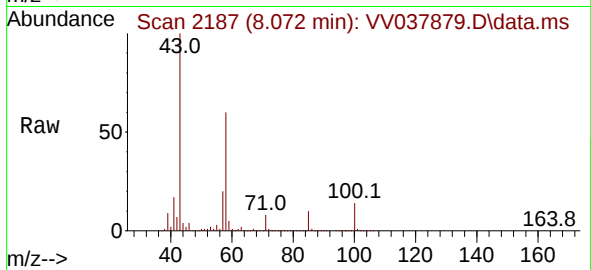
Tgt	Ion:164	Resp:	101918
Ion	Ratio	Lower	Upper
164	100		
129	93.0	68.7	127.7
131	93.3	65.0	120.8
166	124.9	89.3	165.9





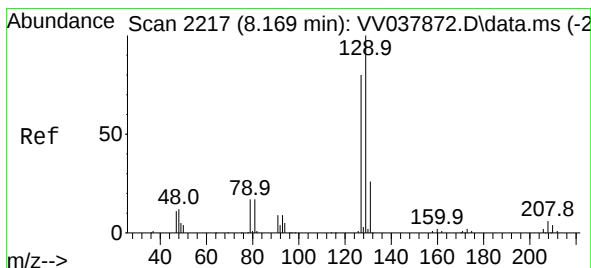
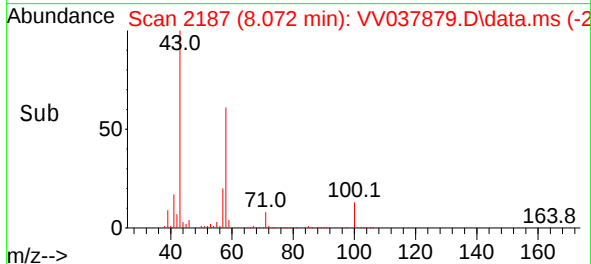
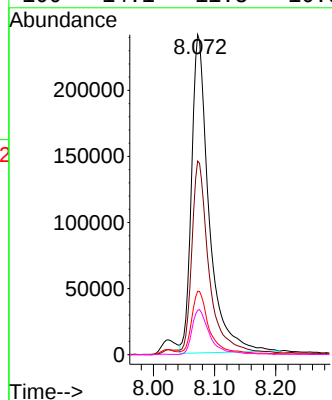
#48
2-Hexanone
Concen: 53.107 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 477841

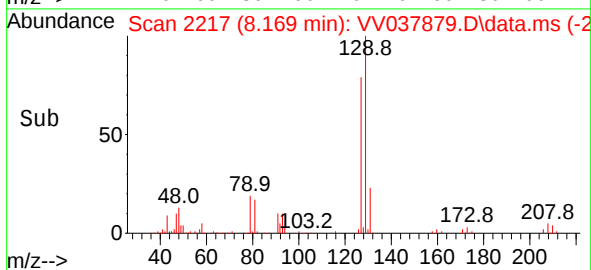
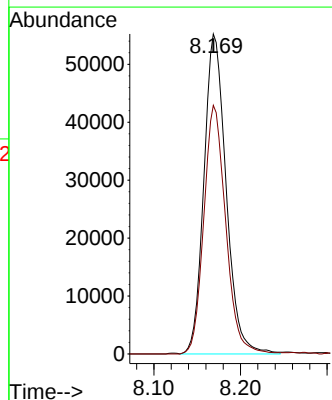
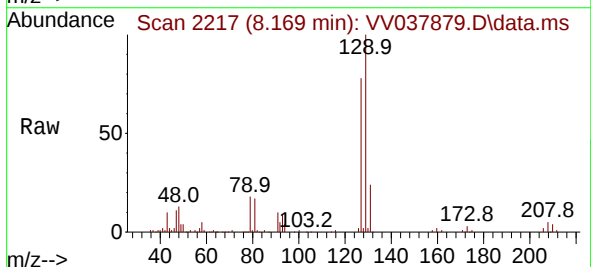
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.8	71.6
57	19.4	15.4	23.0
100	14.1	11.3	16.9

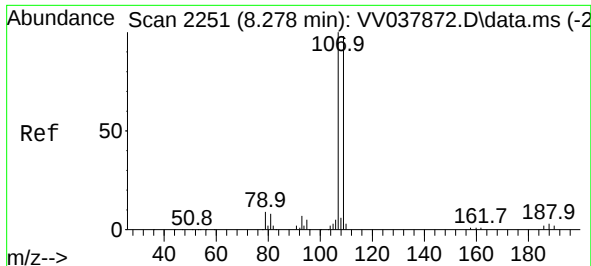


#49
Dibromochloromethane
Concen: 5.027 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion: 129 Resp: 98381

Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.8	103.6

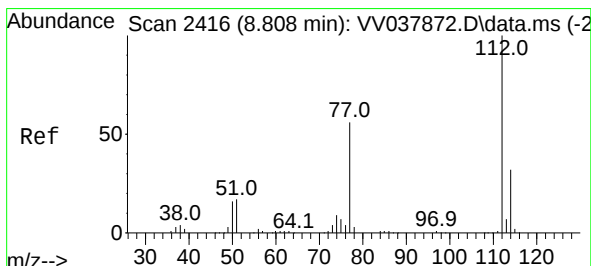
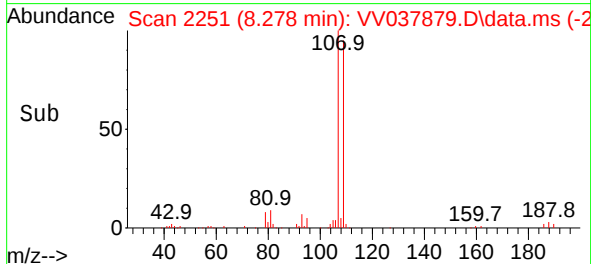
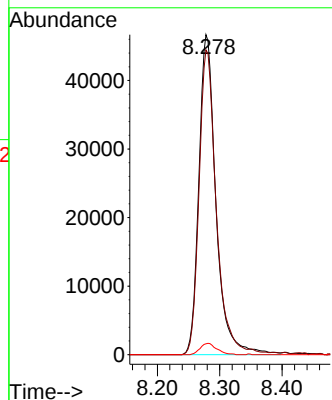
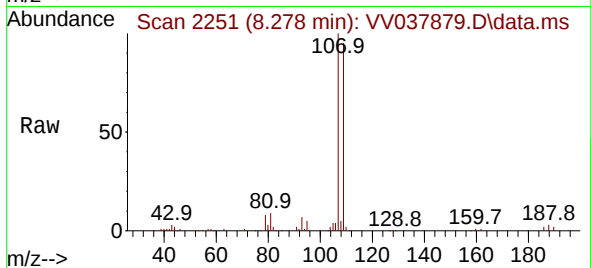




#50
1,2-Dibromoethane
Concen: 5.284 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

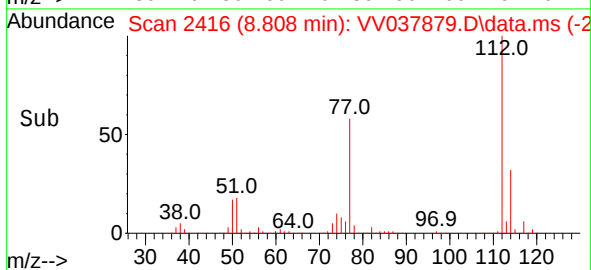
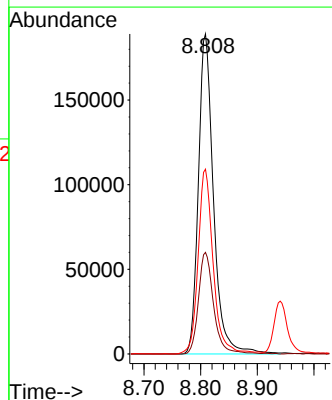
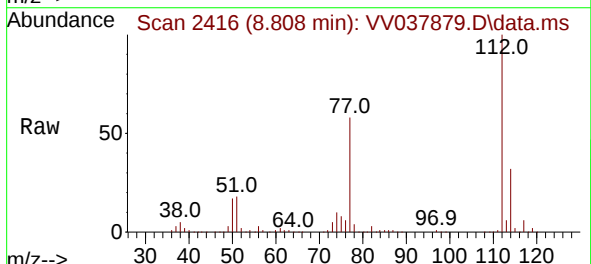
Instrument :
MSVOA_V
ClientSampleId :

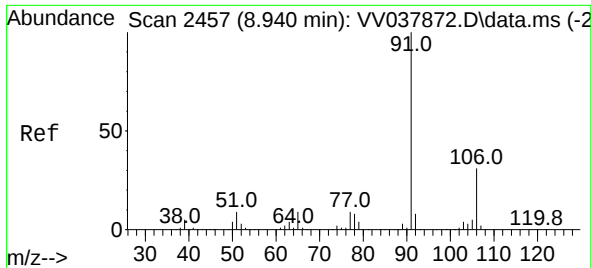
Tgt Ion:107 Resp: 89210
Ion Ratio Lower Upper
107 100
109 95.2 68.3 126.9
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.244 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion:112 Resp: 350293
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 57.8 45.3 67.9

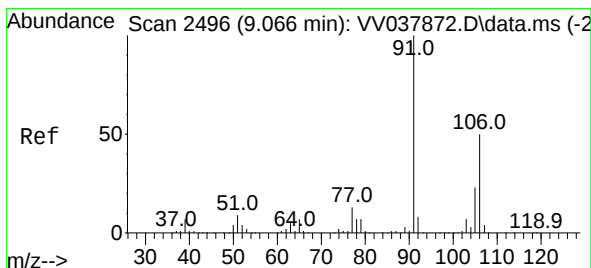
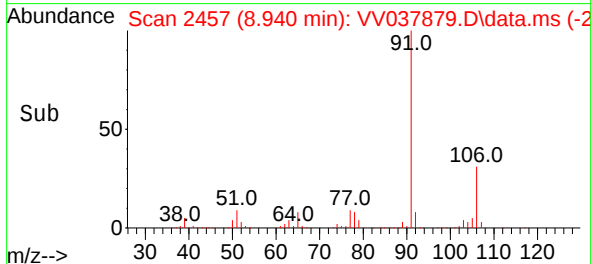
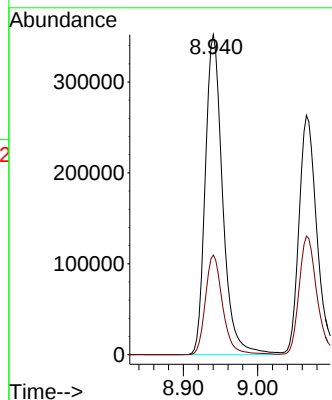
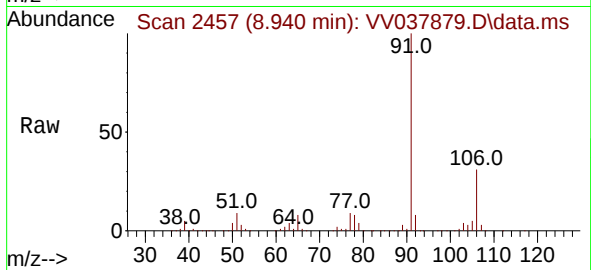




#52
Ethylbenzene
Concen: 5.306 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

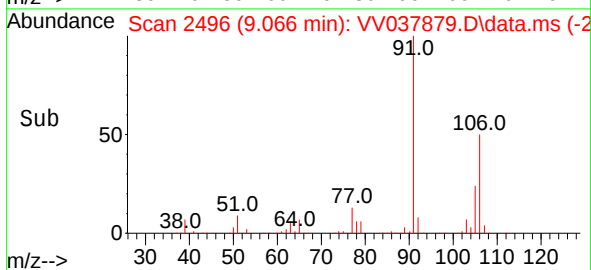
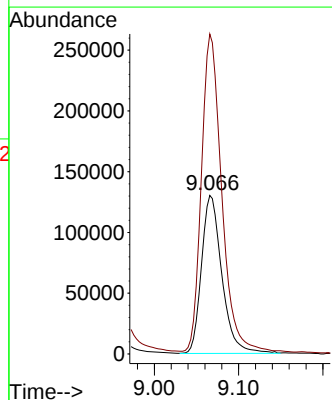
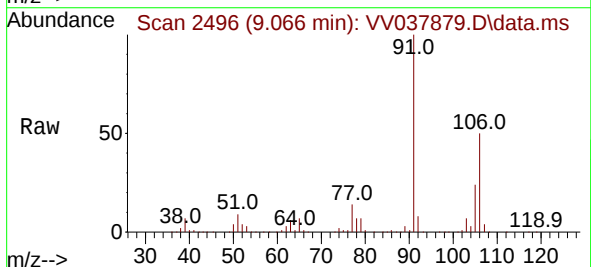
Instrument :
MSVOA_V
ClientSampleId :

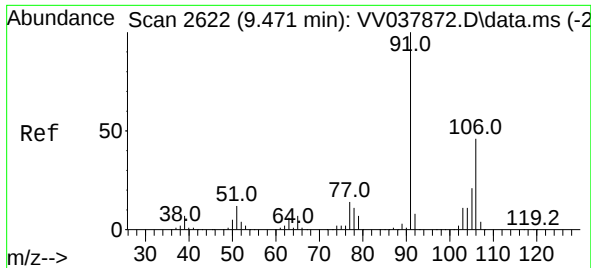
Tgt Ion: 91 Resp: 571806
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.468 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion: 106 Resp: 219278
Ion Ratio Lower Upper
106 100
91 201.8 140.0 260.0

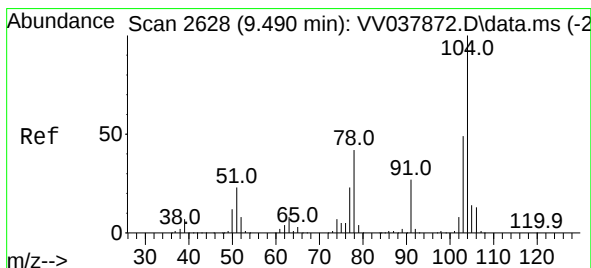
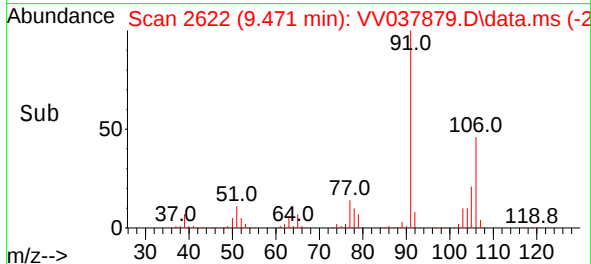
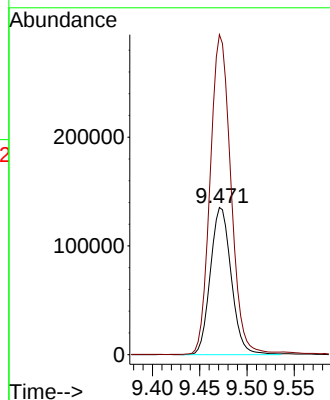
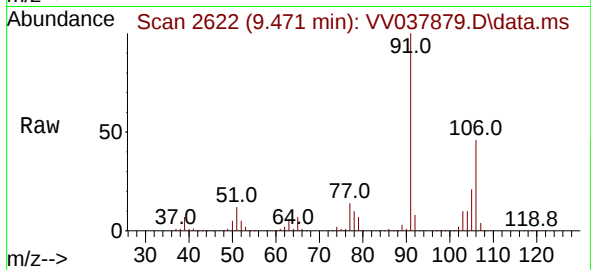




#54
o-Xylene
Concen: 5.311 ug/L
RT: 9.471 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

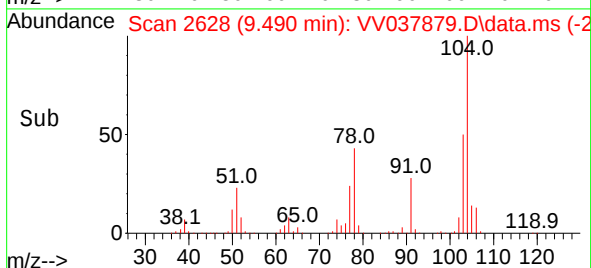
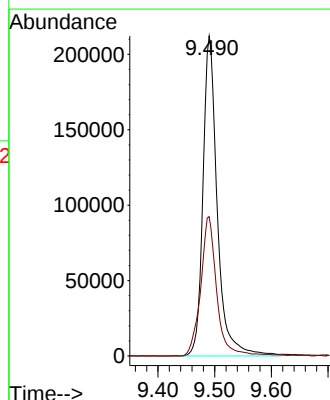
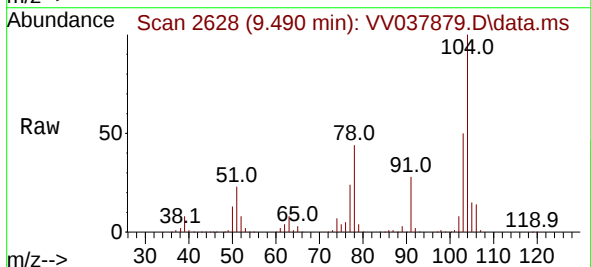
Instrument :
MSVOA_V
ClientSampleId :

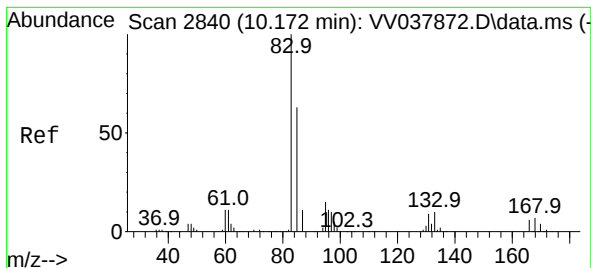
Tgt Ion:106 Resp: 208114
Ion Ratio Lower Upper
106 100
91 217.4 152.1 282.5



#55
Styrene
Concen: 5.543 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion:104 Resp: 372660
Ion Ratio Lower Upper
104 100
78 43.6 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.406 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :

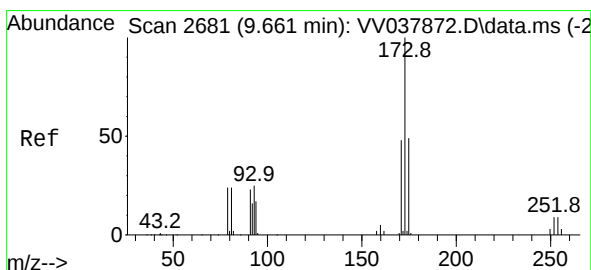
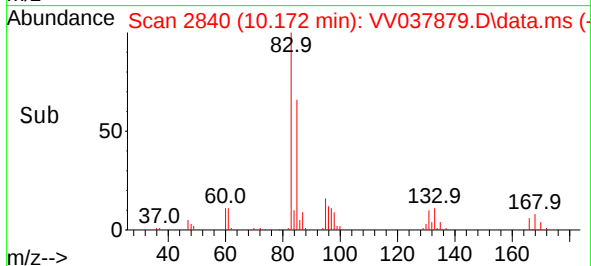
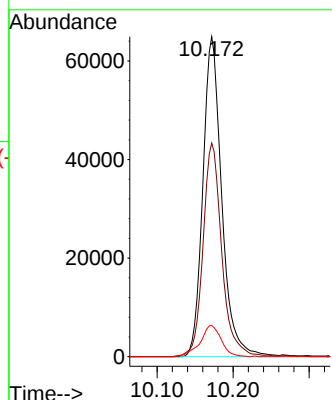
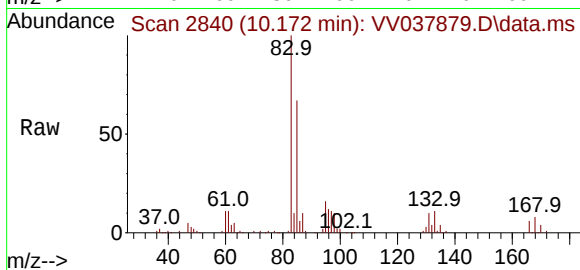
Tgt Ion: 83 Resp: 111910

Ion Ratio Lower Upper

83 100

85 66.7 44.3 82.3

131 9.7 7.8 11.8



#59

Bromoform

Concen: 4.722 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

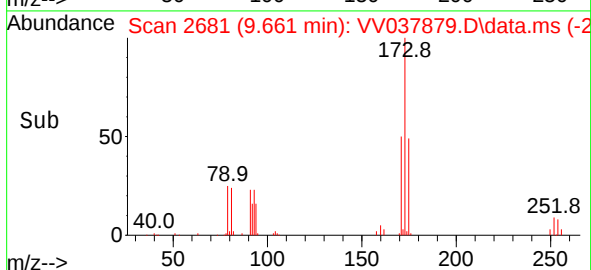
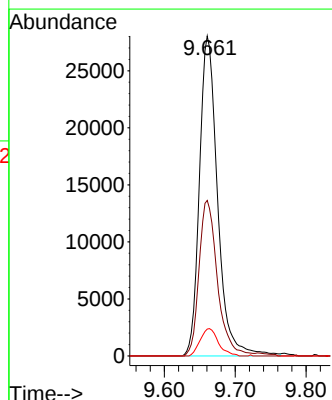
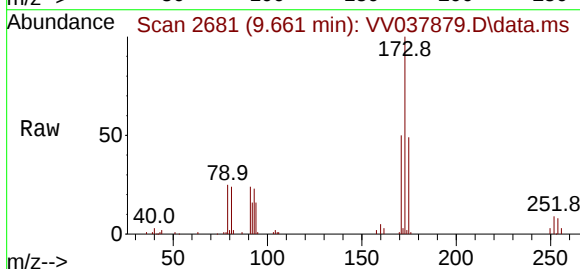
Tgt Ion: 173 Resp: 49866

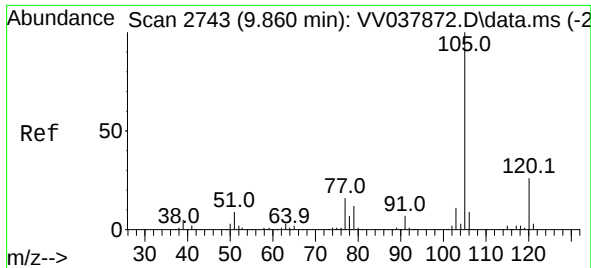
Ion Ratio Lower Upper

173 100

175 49.3 40.3 60.5

254 8.5 7.3 10.9

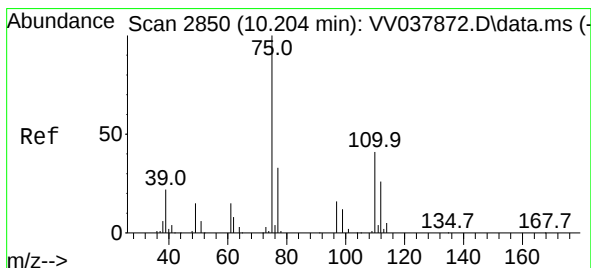
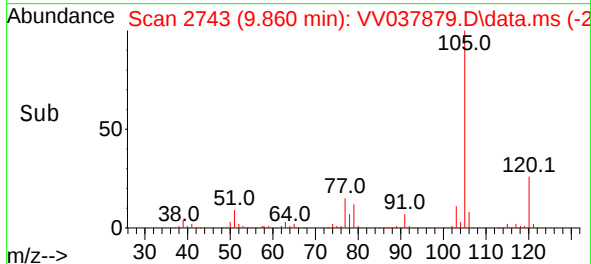
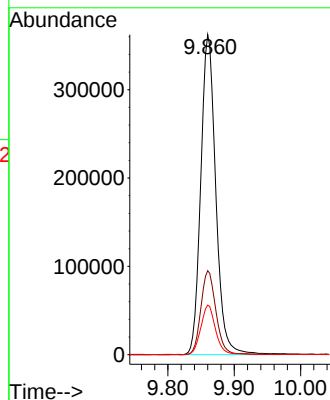
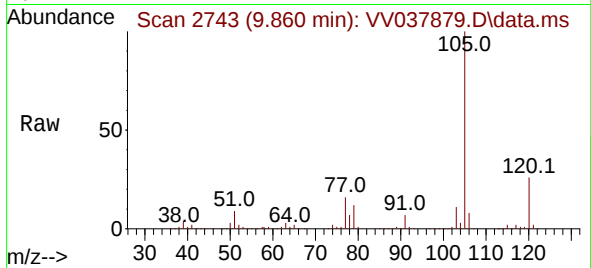




#60
Isopropylbenzene
Concen: 5.368 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

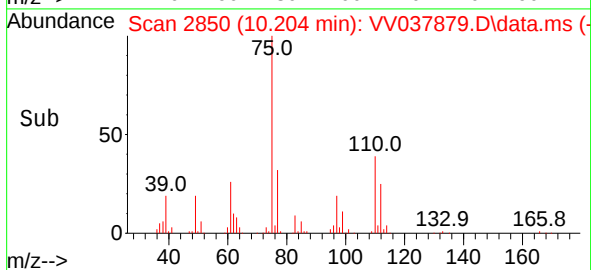
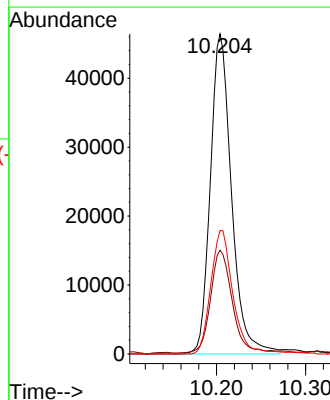
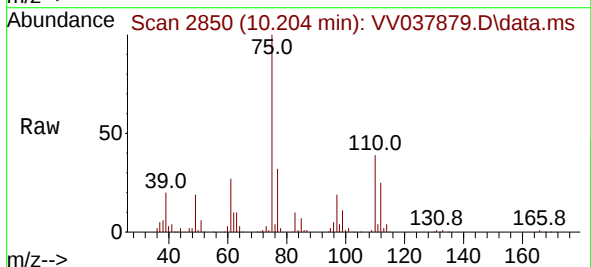
Instrument :
MSVOA_V
ClientSampleId :

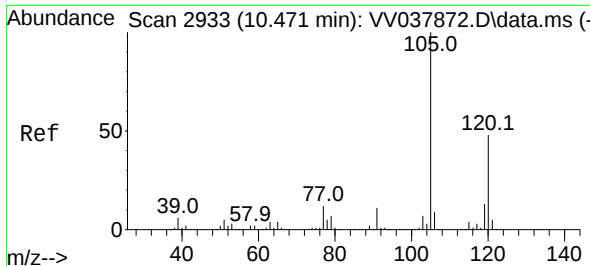
Tgt Ion:105 Resp: 570752
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.0 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.230 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion: 75 Resp: 76523
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
110 40.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 5.244 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

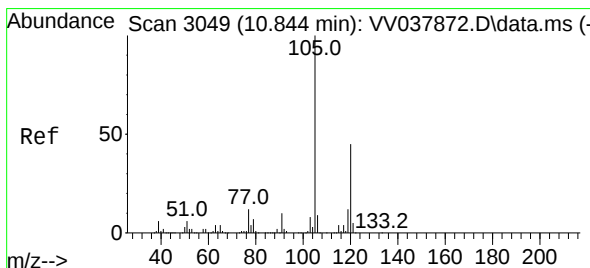
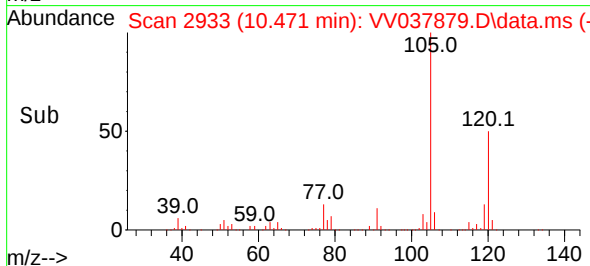
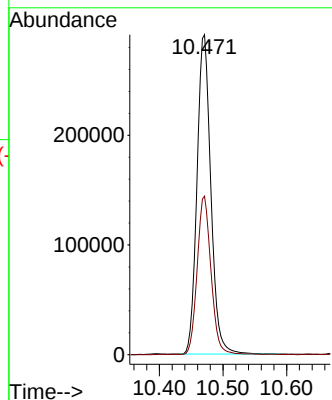
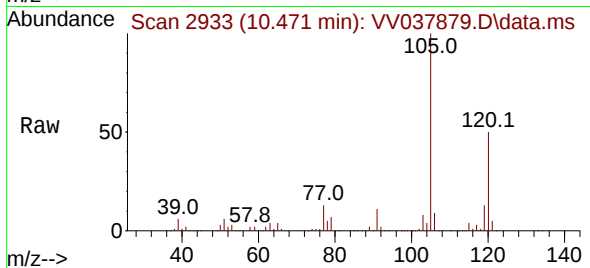
ClientSampleId :

Tgt Ion:105 Resp: 440736

Ion Ratio Lower Upper

105 100

120 49.5 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 5.414 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037879.D

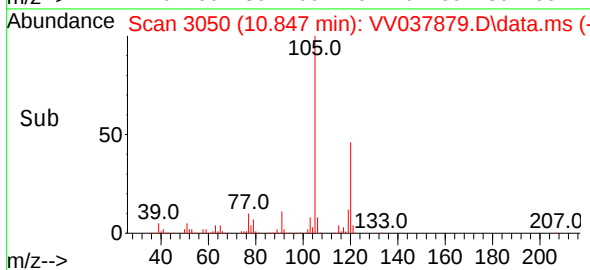
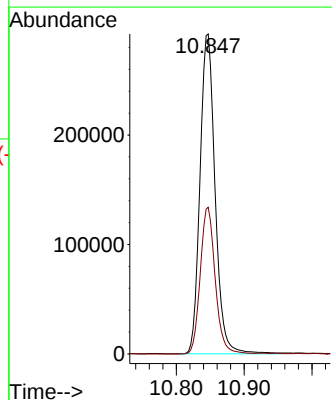
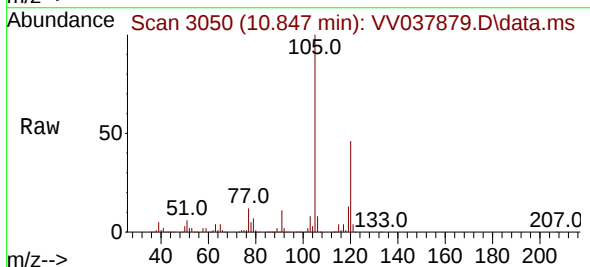
Acq: 16 Oct 2024 17:25

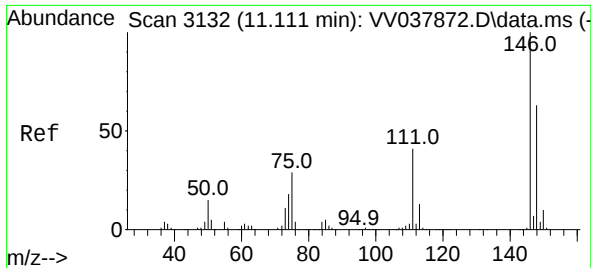
Tgt Ion:105 Resp: 452190

Ion Ratio Lower Upper

105 100

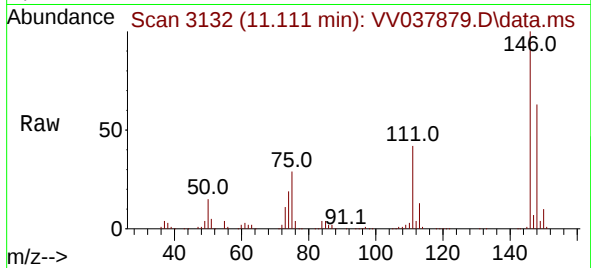
120 45.4 36.5 54.7



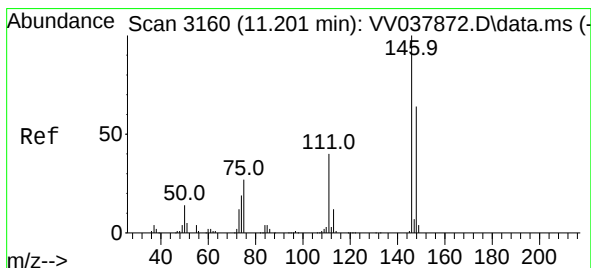
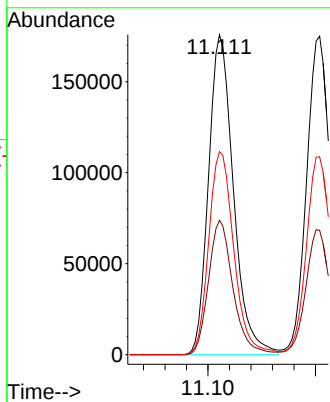
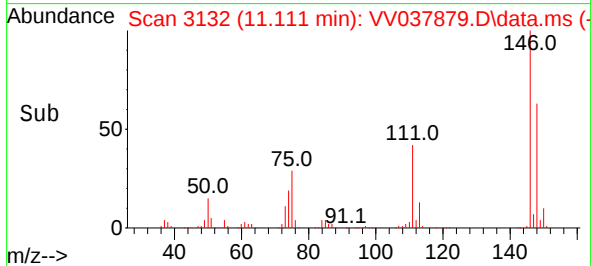


#64
1,3-Dichlorobenzene
Concen: 5.223 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

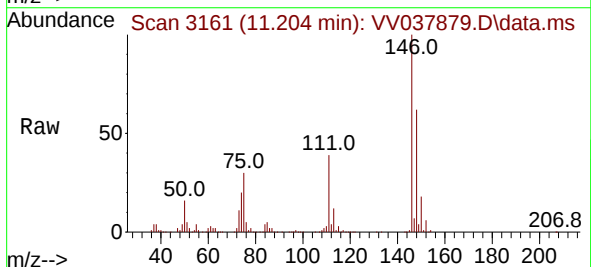
Instrument :
MSVOA_V
ClientSampleId :



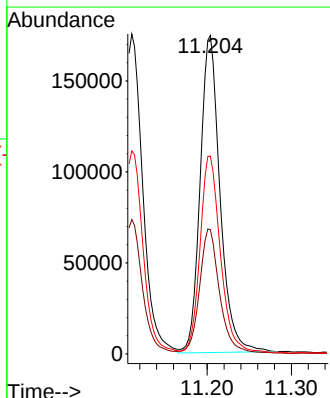
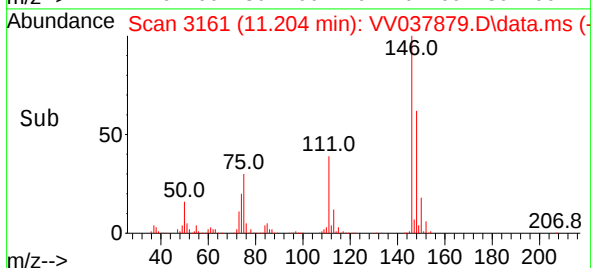
Tgt Ion:146 Resp: 282947
Ion Ratio Lower Upper
146 100
111 42.0 28.6 53.0
148 63.4 44.1 81.9

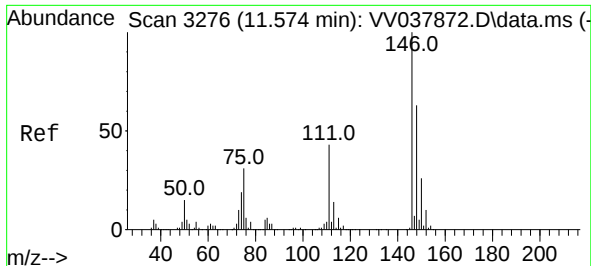


#65
1,4-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25



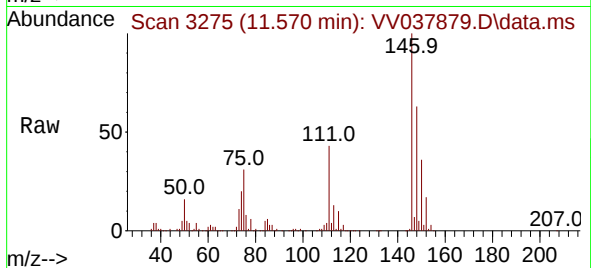
Tgt Ion:146 Resp: 286515
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.1
148 62.1 44.9 83.3



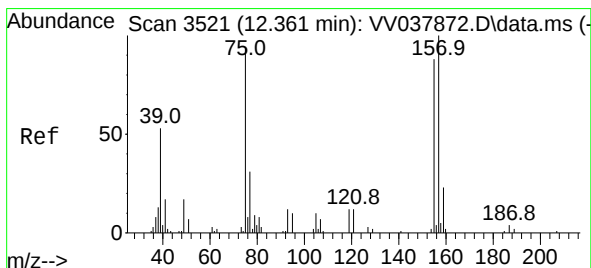
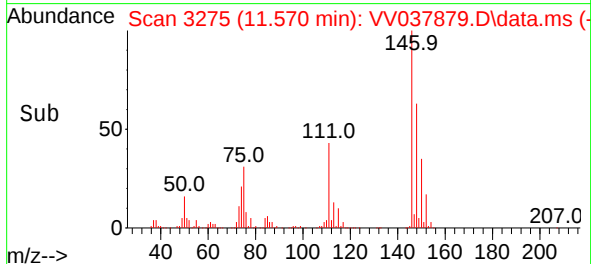
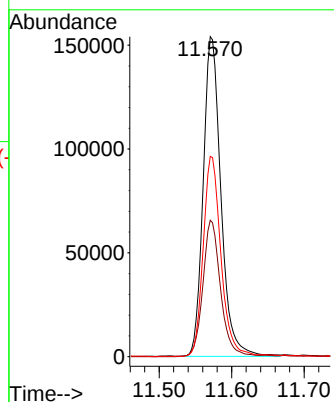


#67
1,2-Dichlorobenzene
Concen: 5.231 ug/L
RT: 11.570 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Instrument :
MSVOA_V
ClientSampleId :

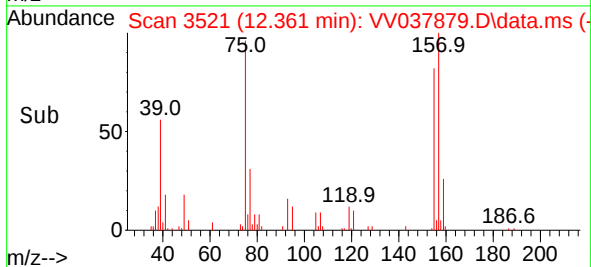
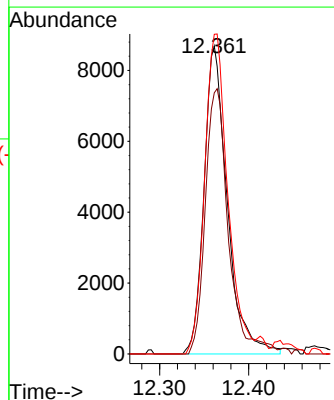
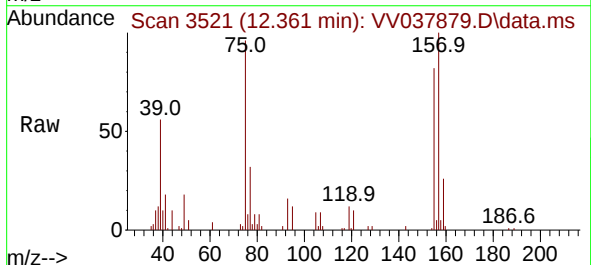


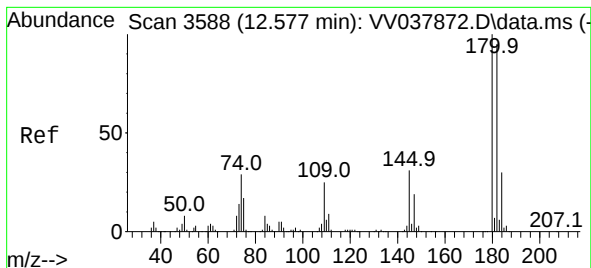
Tgt Ion:146 Resp: 262085
Ion Ratio Lower Upper
146 100
111 42.6 34.6 51.8
148 62.6 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.159 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion: 75 Resp: 15783
Ion Ratio Lower Upper
75 100
155 84.8 74.8 112.2
157 103.8 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 5.117 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

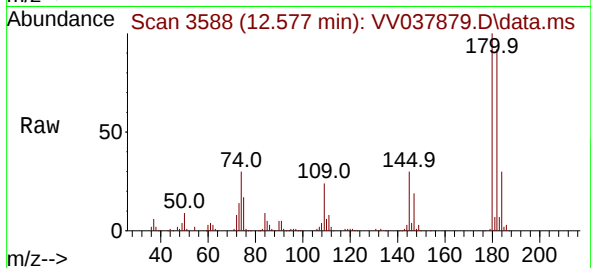
Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 199872

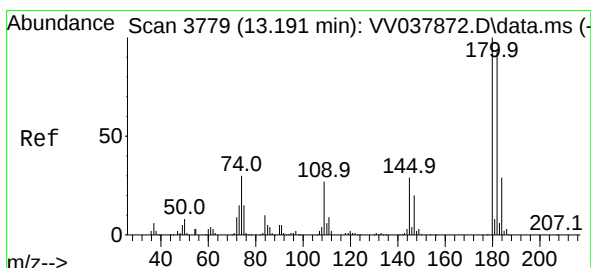
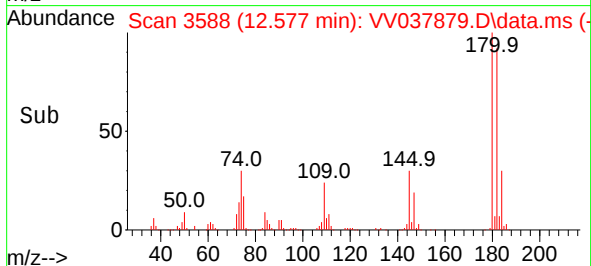
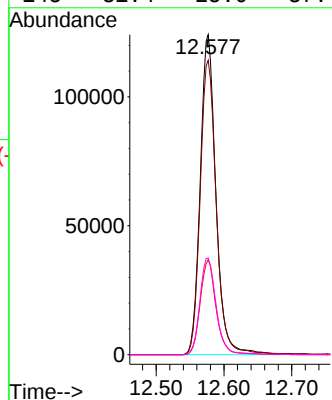
Ion Ratio Lower Upper

180 100

182 93.4 75.1 112.7

184 29.9 24.0 36.0

145 31.4 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 5.164 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037879.D

Acq: 16 Oct 2024 17:25

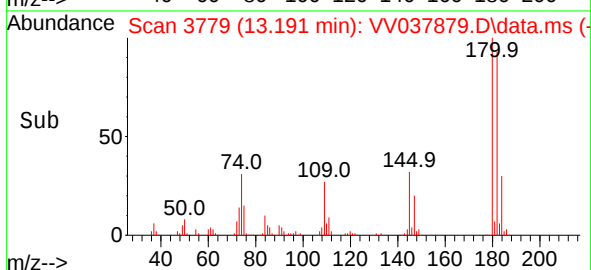
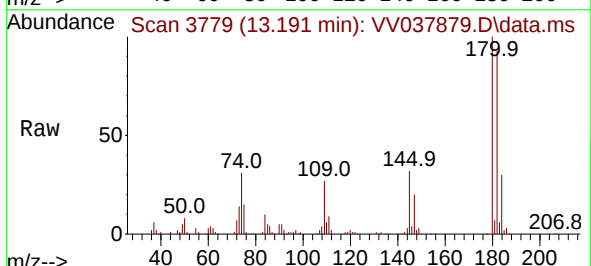
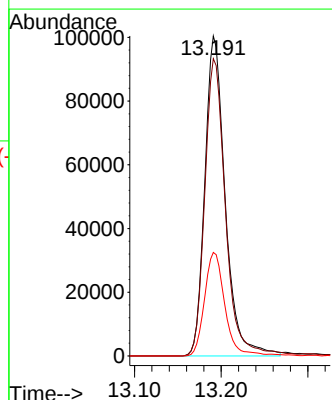
Tgt Ion:180 Resp: 164278

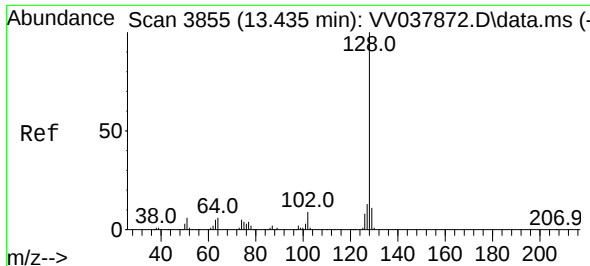
Ion Ratio Lower Upper

180 100

182 94.4 74.6 112.0

145 32.5 24.2 36.2

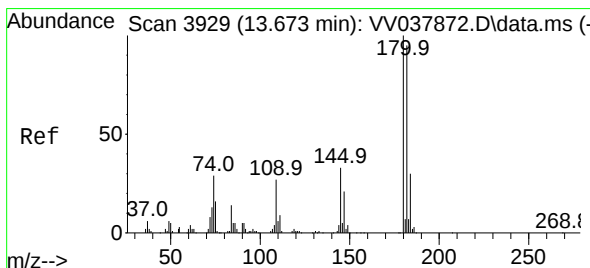
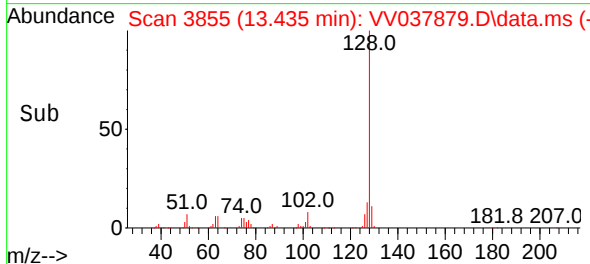
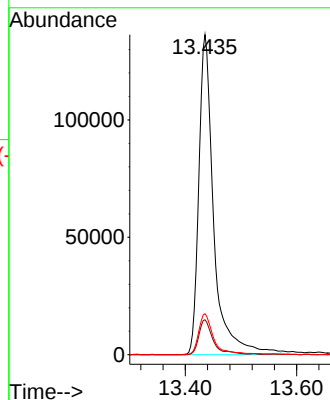
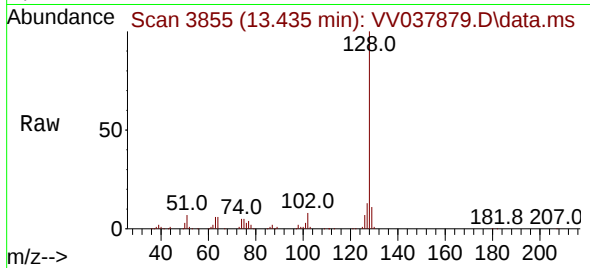




#71
Naphthalene
Concen: 5.144 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 254298
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.2 9.7 14.5



#72
1,2,3-Trichlorobenzene
Concen: 5.236 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV037879.D
Acq: 16 Oct 2024 17:25

Tgt Ion:180 Resp: 147381
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.6
145 33.6 27.3 40.9

