

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VV033086.D
 Acq On : 01 Dec 2023 18:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 04 04:23:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:21:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340945	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	332025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107199	52.596	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 105.200%		
7) Chloroethane-d5	1.529	69	73511	51.764	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 103.520%		
11) 1,1-Dichloroethene-d2	2.060	65	39625	51.105	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 102.200%		
21) 2-Butanone-d5	3.777	46	103482	102.223	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 102.220%		
24) Chloroform-d	4.243	84	222891	51.531	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.060%		
26) 1,2-Dichloroethane-d4	4.937	65	140309	52.175	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104.340%		
32) Benzene-d6	4.957	84	423930	54.593	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.180%		
36) 1,2-Dichloropropane-d6	5.986	67	115390	55.266	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.540%		
41) Toluene-d8	7.239	98	400425	54.055	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 108.120%		
43) trans-1,3-Dichloroprop...	7.551	79	69264	52.462	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.920%		
47) 2-Hexanone-d5	8.021	63	85575	102.023	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 102.020%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	157439	53.045	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 106.080%		
66) 1,2-Dichlorobenzene-d4	11.561	152	182445	51.535	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	184541	49.518	ug/L	99
3) Chloromethane	1.214	50	125696	51.138	ug/L	99
5) Vinyl chloride	1.282	62	117574	49.876	ug/L	99
6) Bromomethane	1.484	94	75776	49.263	ug/L	98
8) Chloroethane	1.548	64	62391	49.713	ug/L	99
9) Trichlorofluoromethane	1.712	101	191175	49.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	91721	50.213	ug/L	100
12) 1,1-Dichloroethene	2.069	96	87324	51.087	ug/L	95
13) Acetone	2.108	43	74071	76.645	ug/L	100
14) Carbon disulfide	2.240	76	308150	50.248	ug/L	99
15) Methyl Acetate	2.368	43	81928	50.864	ug/L	99
16) Methylene chloride	2.445	84	113761	50.261	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	113698	50.661	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	352623	51.722	ug/L	99
19) 1,1-Dichloroethane	3.108	63	190288	51.228	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	123904	52.031	ug/L	100
22) 2-Butanone	3.857	43	108959	88.594	ug/L	99
23) Bromochloromethane	4.143	128	68131	49.827	ug/L	97
25) Chloroform	4.272	83	216903	50.773	ug/L	94

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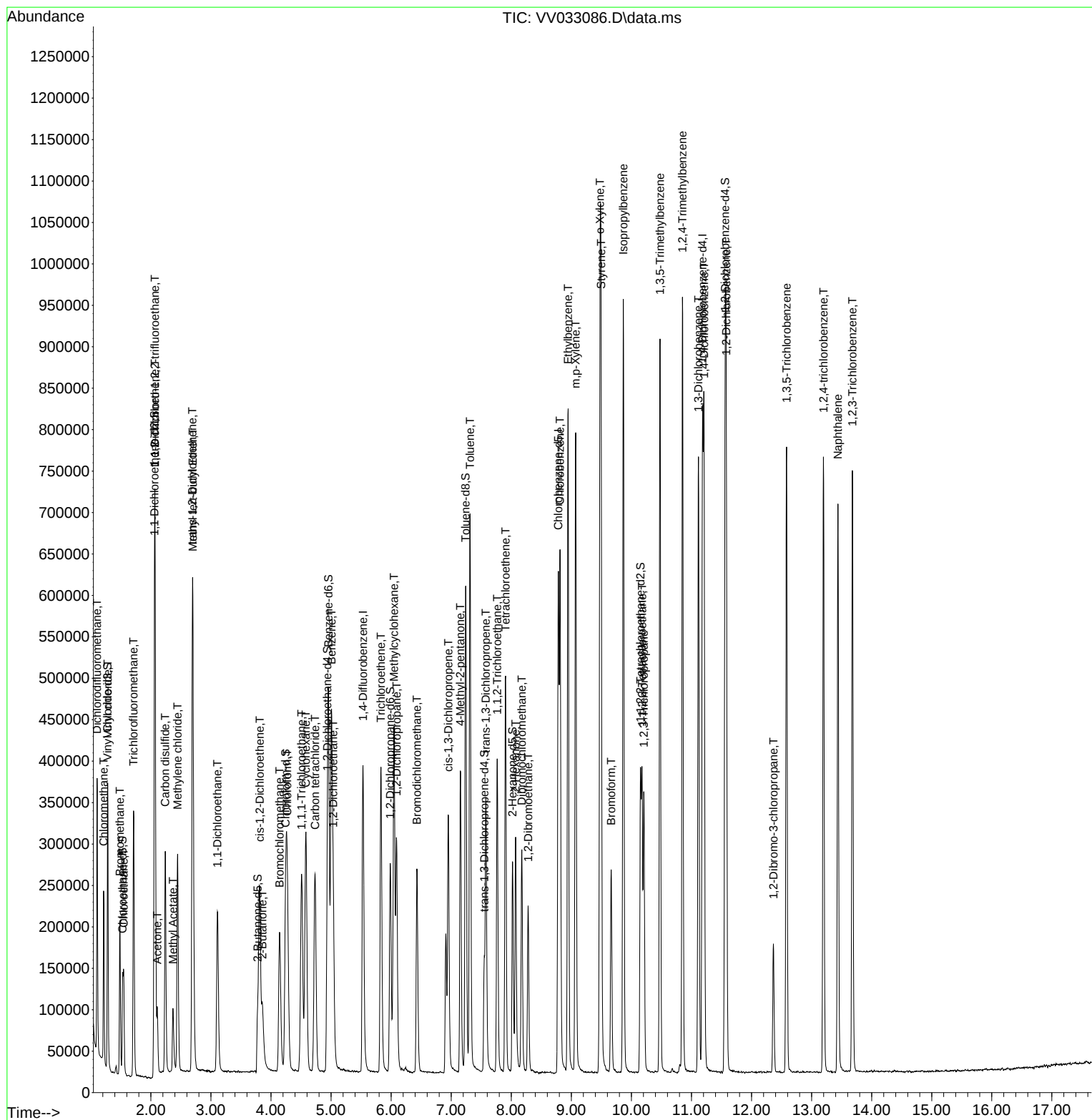
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	171098	50.684	ug/L	100
29) Cyclohexane	4.580	56	158182	51.580	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	209687	51.101	ug/L	99
31) Carbon tetrachloride	4.735	117	192781	50.527	ug/L	98
33) Benzene	5.008	78	442324	52.571	ug/L	100
34) Trichloroethene	5.831	95	125801	50.047	ug/L	97
35) Methylcyclohexane	6.050	83	183072	50.182	ug/L	98
37) 1,2-Dichloropropane	6.092	63	102283	52.528	ug/L	100
38) Bromodichloromethane	6.429	83	163327	52.028	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	186005	52.643	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	218508	105.688	ug/L	98
42) Toluene	7.313	91	491999	51.892	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	185894	52.029	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	115416	51.120	ug/L	99
46) Tetrachloroethene	7.905	164	107491	49.746	ug/L	95
48) 2-Hexanone	8.072	43	168974	98.576	ug/L	98
49) Dibromochloromethane	8.175	129	137557	51.037	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124895	51.887	ug/L	96
51) Chlorobenzene	8.812	112	334510	50.172	ug/L	99
52) Ethylbenzene	8.947	91	556500	50.993	ug/L	100
53) m,p-Xylene	9.072	106	220423	51.003	ug/L	95
54) o-Xylene	9.477	106	213706	50.111	ug/L	99
55) Styrene	9.497	104	382910	51.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	158407	51.353	ug/L	98
59) Bromoform	9.664	173	110212	51.035	ug/L	100
60) Isopropylbenzene	9.866	105	589512	51.383	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	125474	50.572	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	476173	51.514	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	497438	51.673	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	305108	49.779	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	312773	49.124	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	301146	50.117	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	36247	47.612	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	235864	48.041	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	224631	49.523	ug/L	99
71) Naphthalene	13.439	128	540050	48.820	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	220900	50.470	ug/L	99

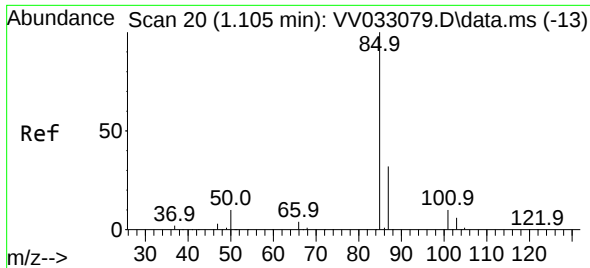
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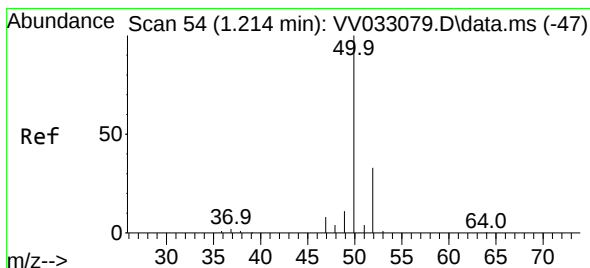
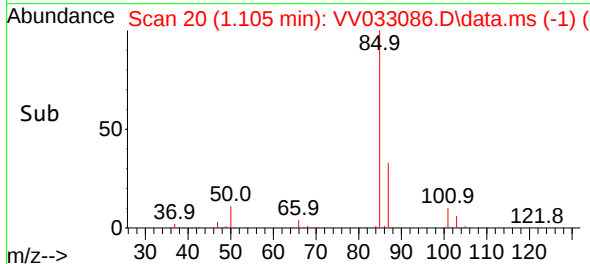
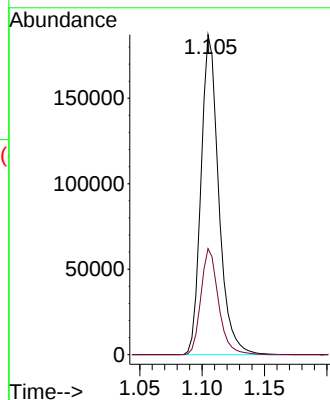
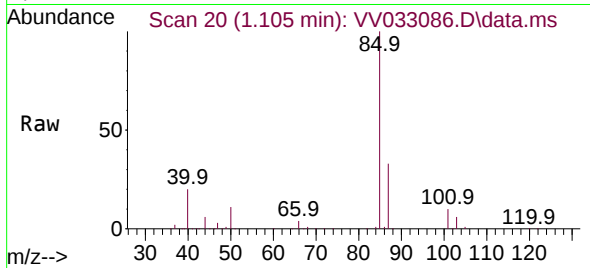




#2
 Dichlorodifluoromethane
 Concen: 49.518 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033086.D
 Acq: 01 Dec 2023 18:22

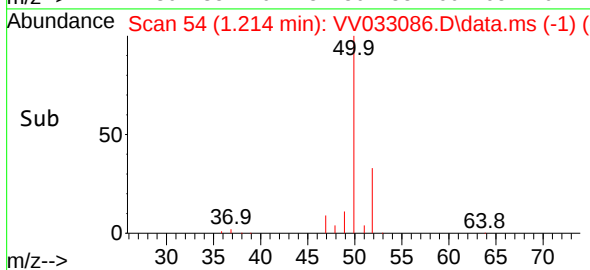
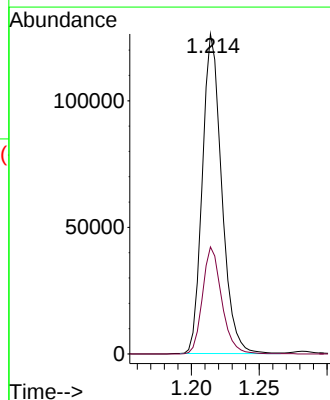
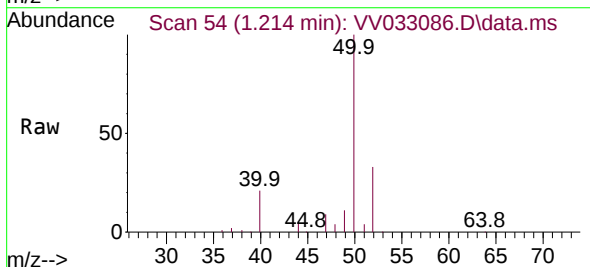
Instrument :
 MSVOA_V
 ClientSampleId :

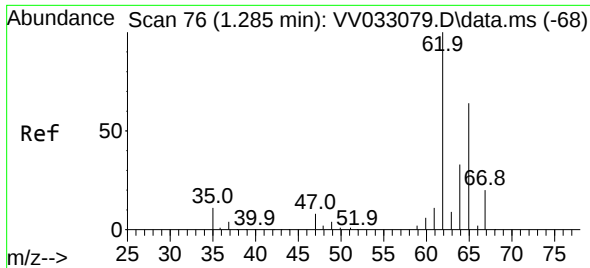
Tgt Ion: 85 Resp: 184541
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 51.138 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033086.D
 Acq: 01 Dec 2023 18:22

Tgt Ion: 50 Resp: 125696
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.8 42.4

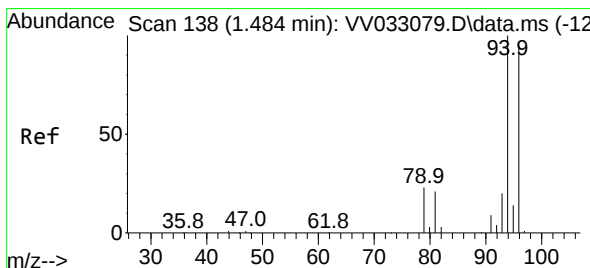
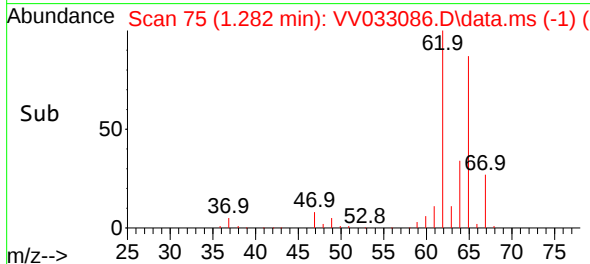
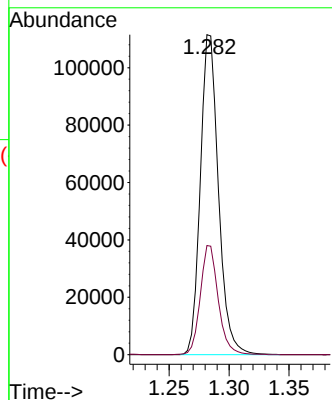
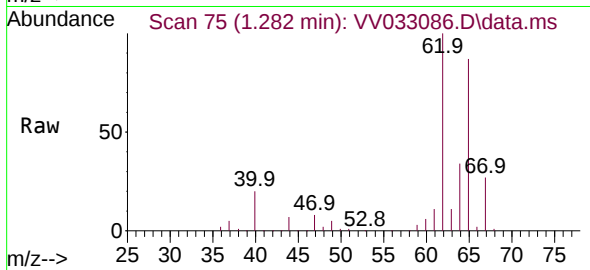




#5
 Vinyl chloride
 Concen: 49.876 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV033086.D
 Acq: 01 Dec 2023 18:22

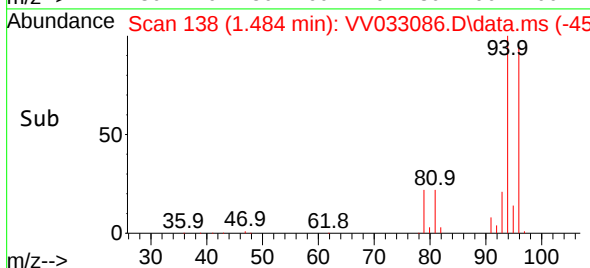
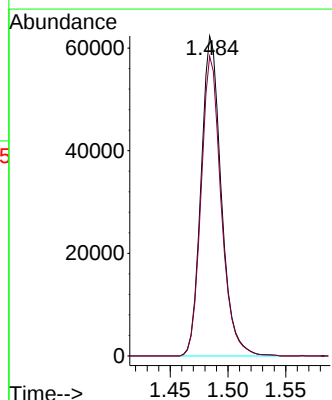
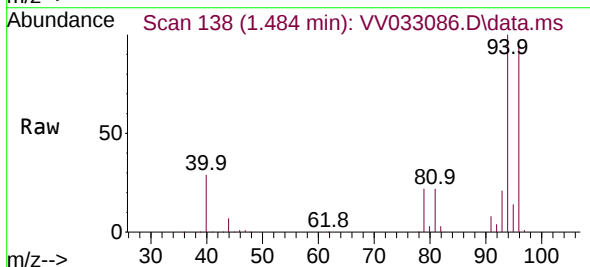
Instrument :
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 ClientSampleId :

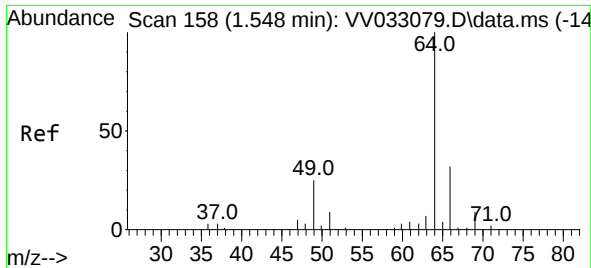
Tgt Ion: 62 Resp: 117574
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.2 45.0



#6
 Bromomethane
 Concen: 49.263 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033086.D
 Acq: 01 Dec 2023 18:22

Tgt Ion: 94 Resp: 75776
 Ion Ratio Lower Upper
 94 100
 96 93.7 67.1 124.7

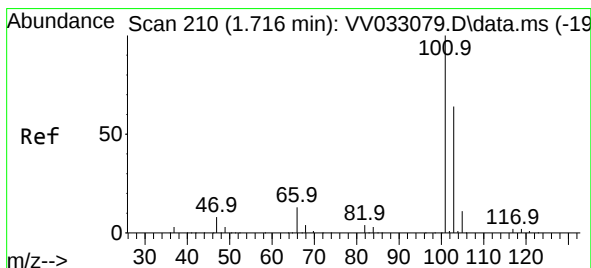
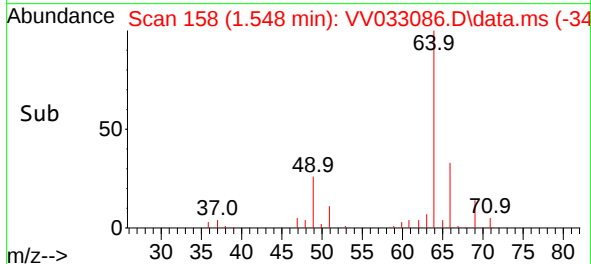
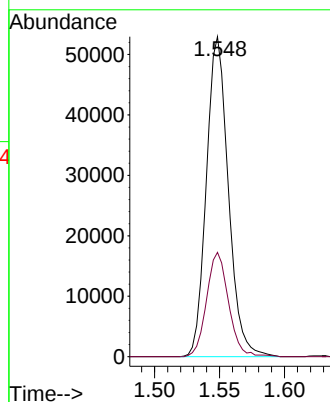
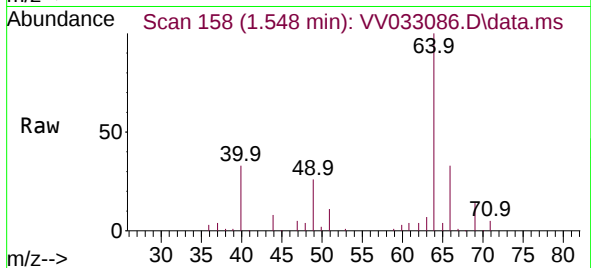




#8
Chloroethane
Concen: 49.713 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

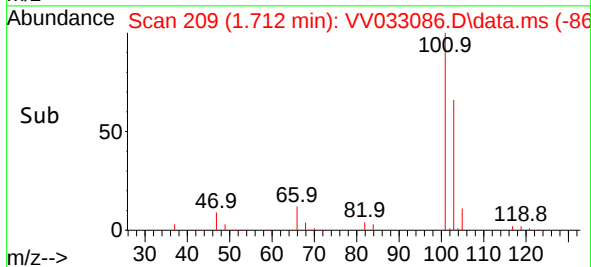
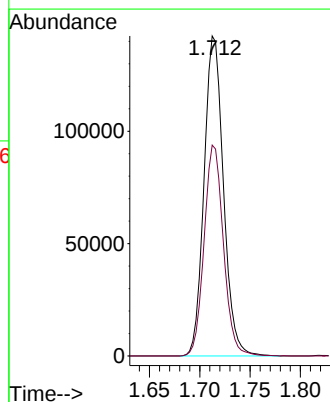
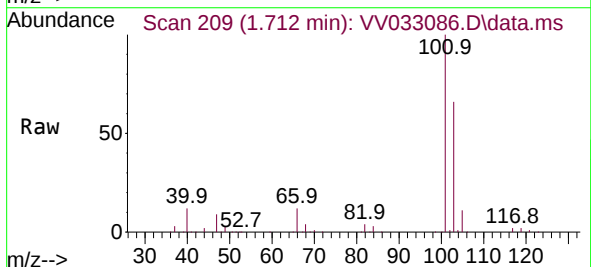
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MSVOA_V
ClientSampleId :

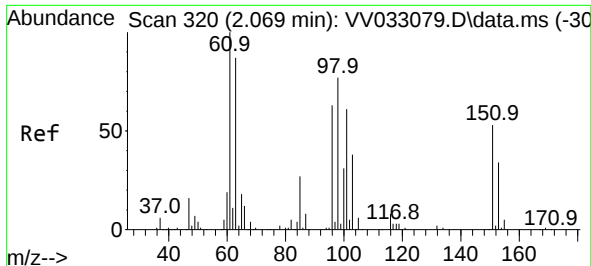
Tgt Ion: 64 Resp: 62391
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 49.148 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion:101 Resp: 191175
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.213 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

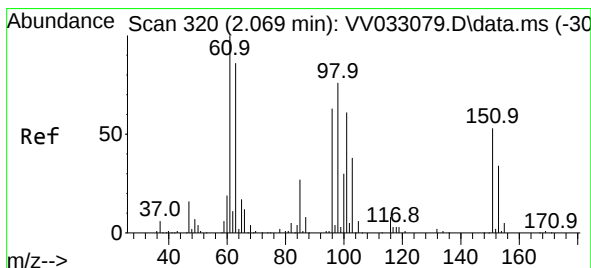
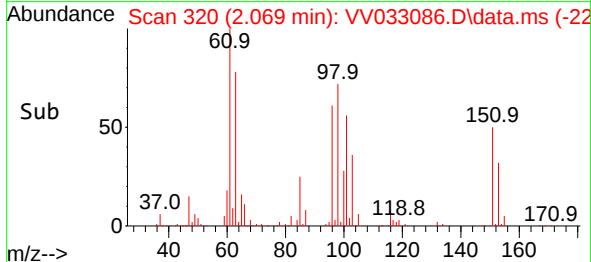
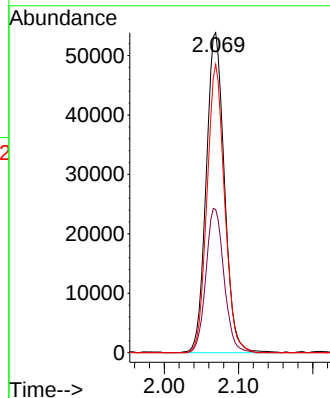
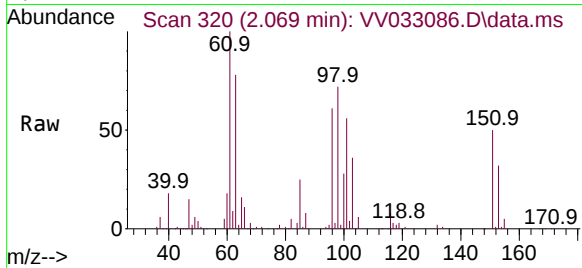
Tgt Ion:101 Resp: 91721

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

151 86.8 69.1 103.7



#12

1,1-Dichloroethene

Concen: 51.087 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

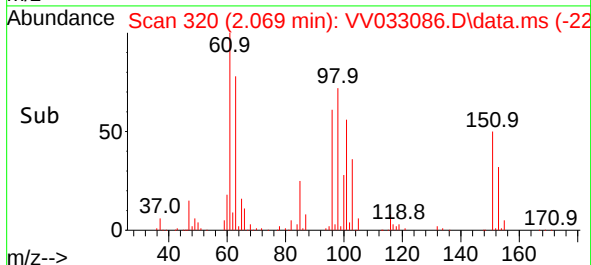
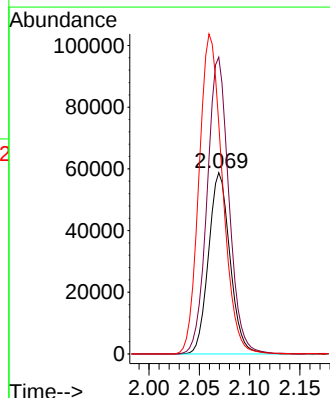
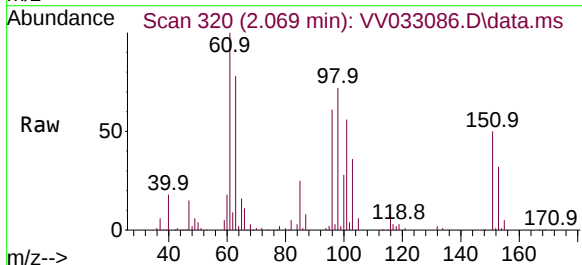
Tgt Ion: 96 Resp: 87324

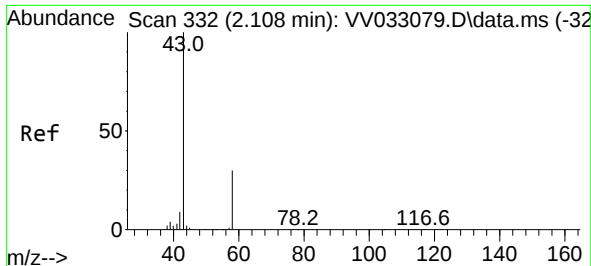
Ion Ratio Lower Upper

96 100

61 163.7 109.1 202.7

63 127.2 85.3 158.3





#13

Acetone

Concen: 76.645 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

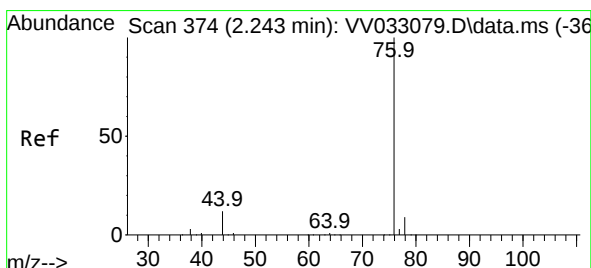
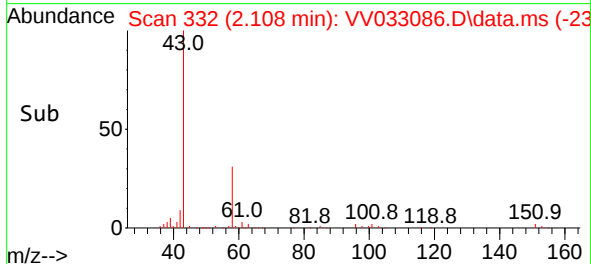
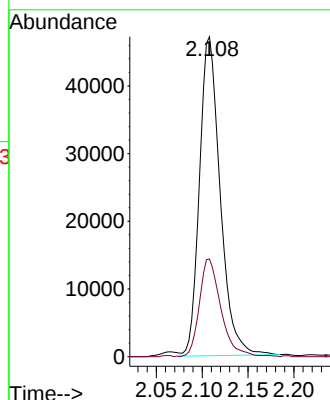
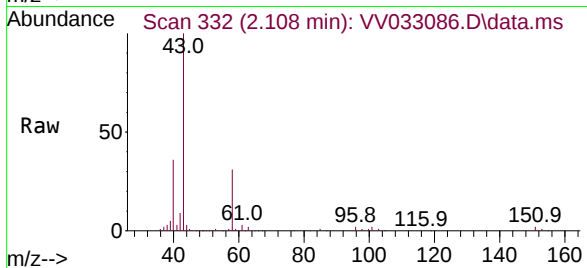
ClientSampleId :

Tgt Ion: 43 Resp: 74071

Ion Ratio Lower Upper

43 100

58 31.6 0.0 62.8



#14

Carbon disulfide

Concen: 50.248 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033086.D

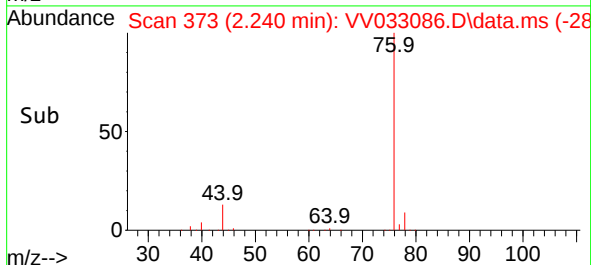
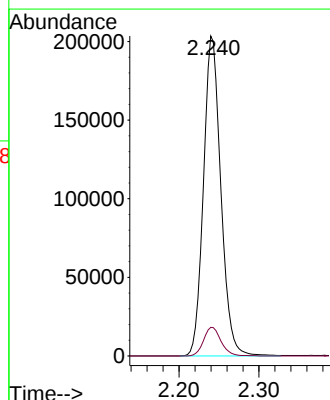
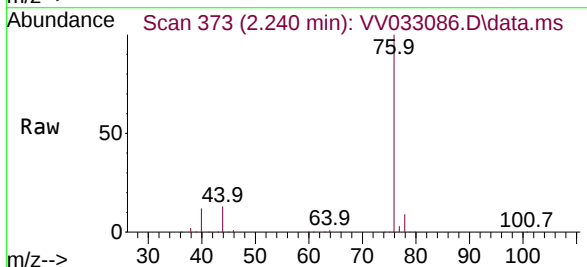
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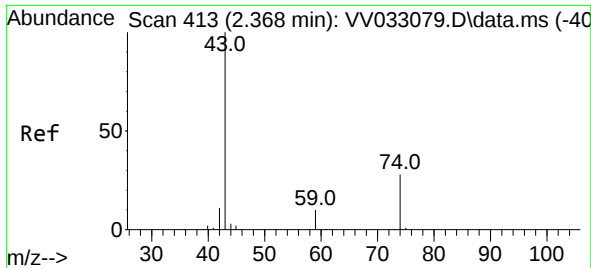
Tgt Ion: 76 Resp: 308150

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

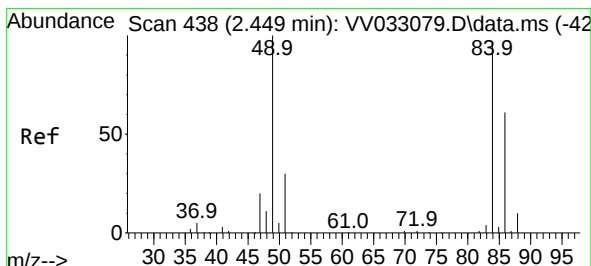
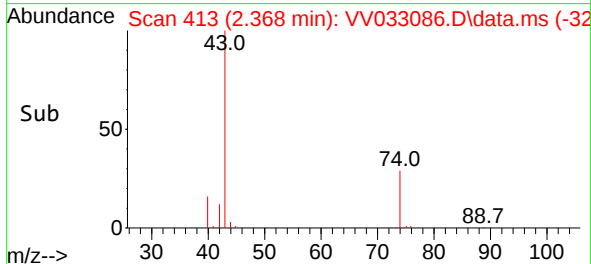
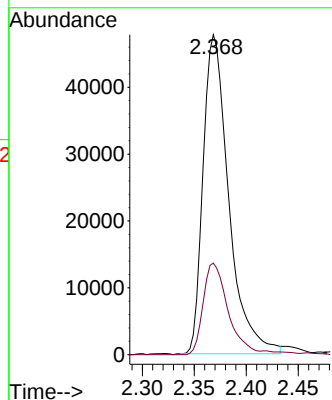
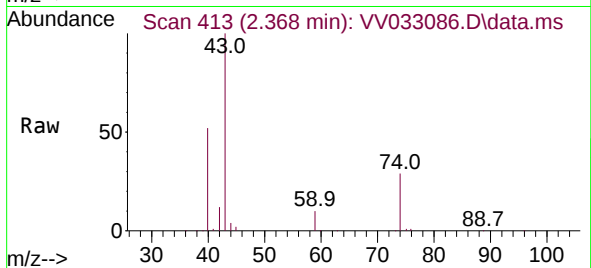




#15
Methyl Acetate
Concen: 50.864 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

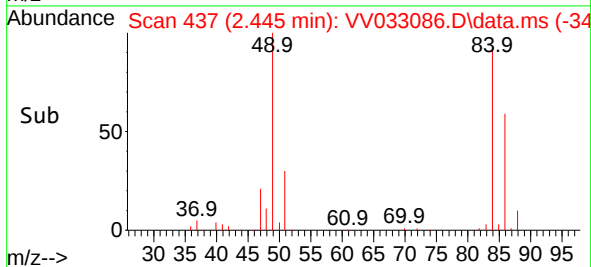
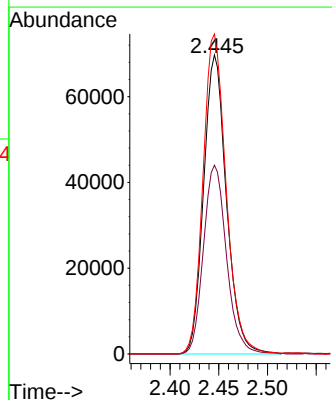
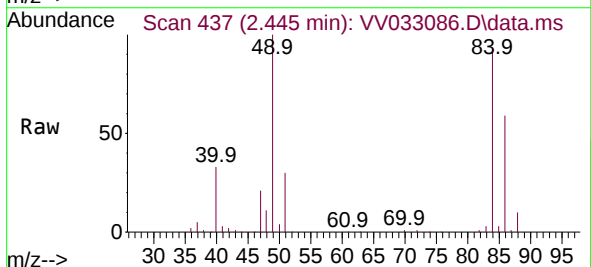
Instrument :
MSVOA_V
ClientSampleId :

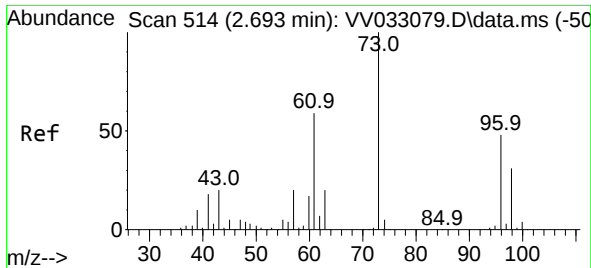
Tgt Ion: 43 Resp: 81928
Ion Ratio Lower Upper
43 100
74 27.5 22.6 33.8



#16
Methylene chloride
Concen: 50.261 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion: 84 Resp: 113761
Ion Ratio Lower Upper
84 100
86 63.1 45.9 85.3
49 107.0 75.5 140.1





#17

trans-1,2-Dichloroethene

Concen: 50.661 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

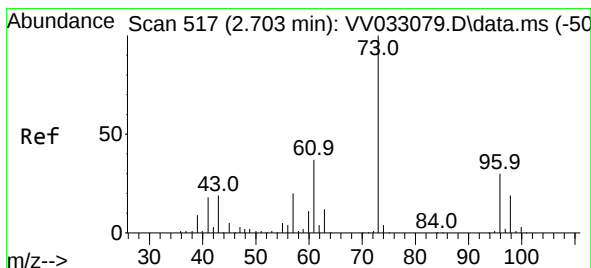
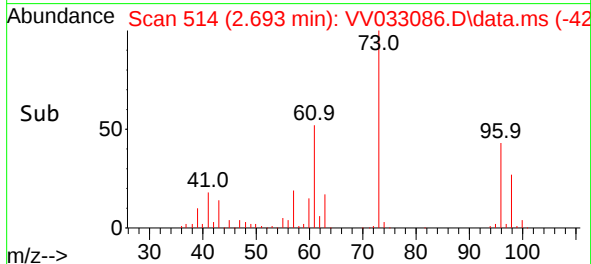
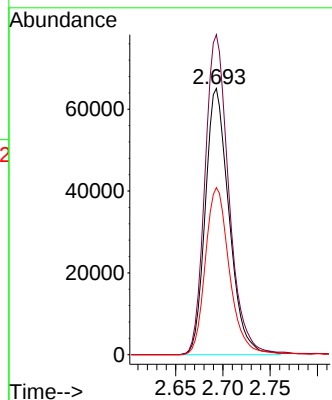
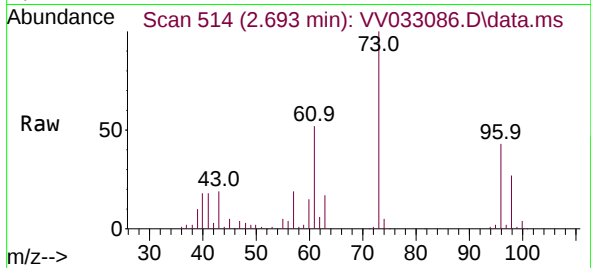
Tgt Ion: 96 Resp: 113698

Ion Ratio Lower Upper

96 100

61 120.2 86.5 160.6

98 62.8 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 51.722 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

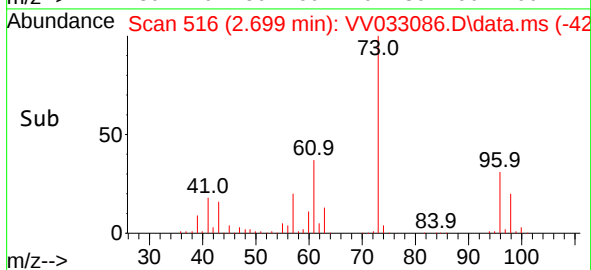
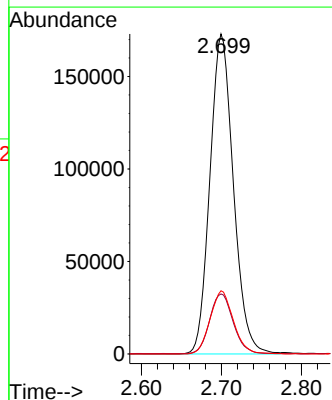
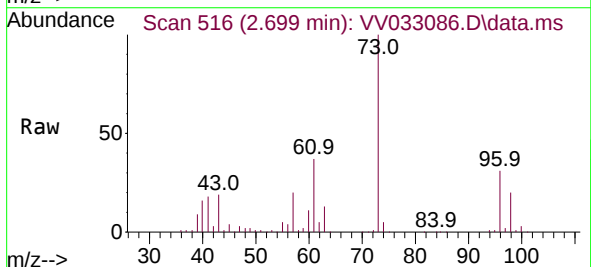
Tgt Ion: 73 Resp: 352623

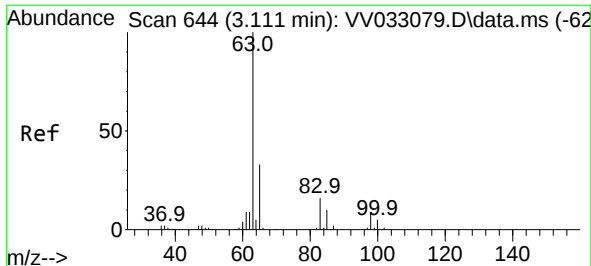
Ion Ratio Lower Upper

73 100

43 18.7 15.4 23.2

57 19.6 16.1 24.1





#19

1,1-Dichloroethane

Concen: 51.228 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

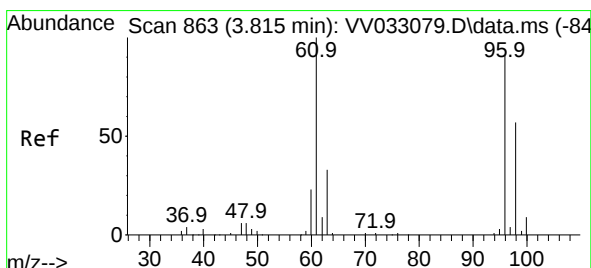
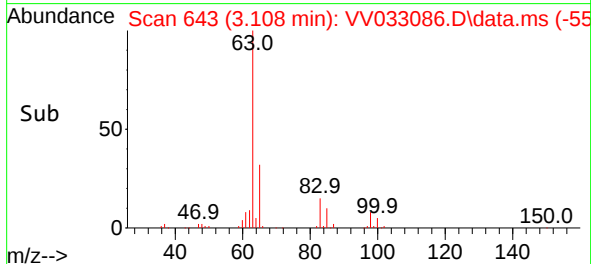
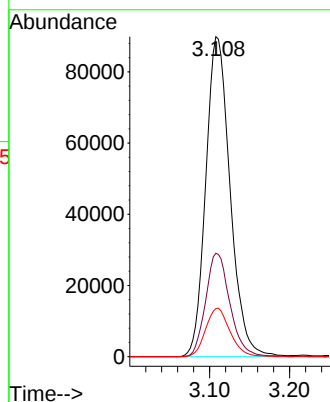
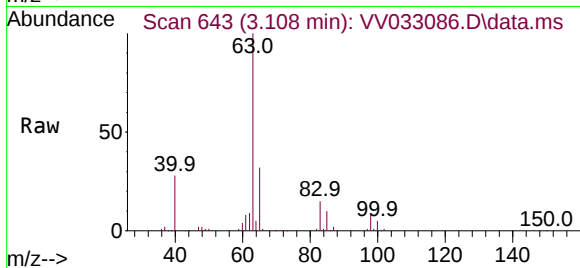
Tgt Ion: 63 Resp: 190288

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 15.1 11.4 21.2



#20

cis-1,2-Dichloroethene

Concen: 52.031 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

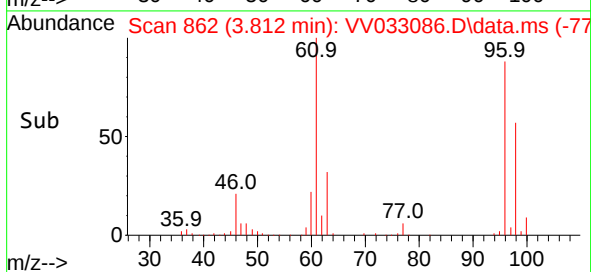
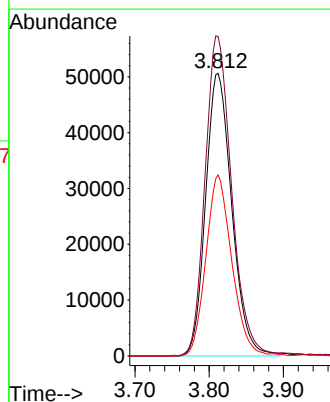
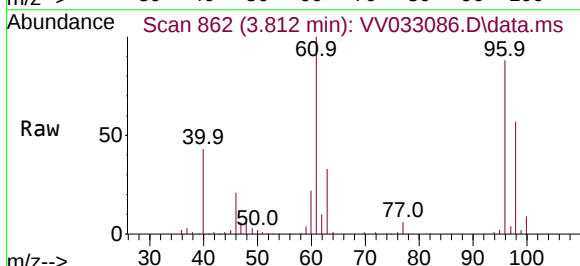
Tgt Ion: 96 Resp: 123904

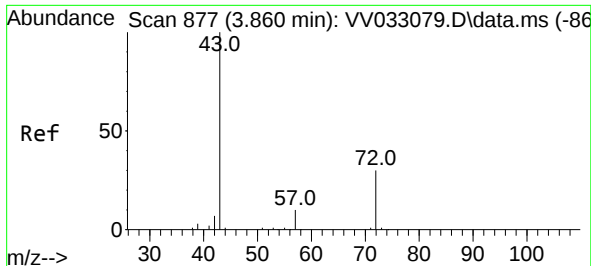
Ion Ratio Lower Upper

96 100

61 113.0 79.1 146.9

98 64.0 45.1 83.7

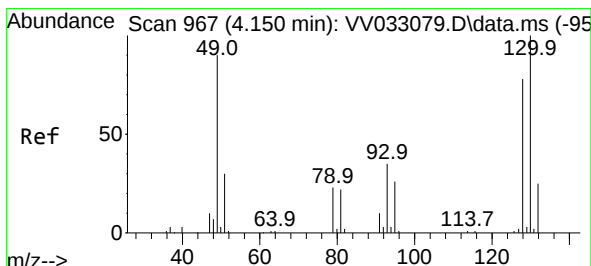
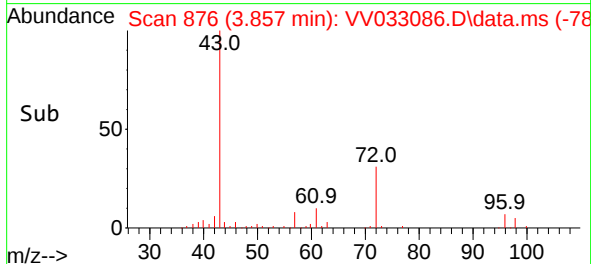
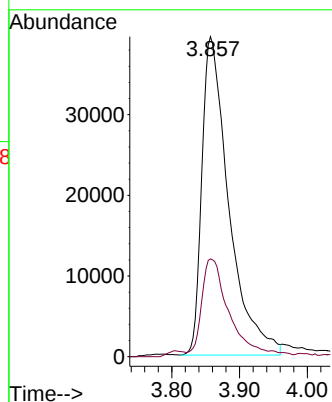
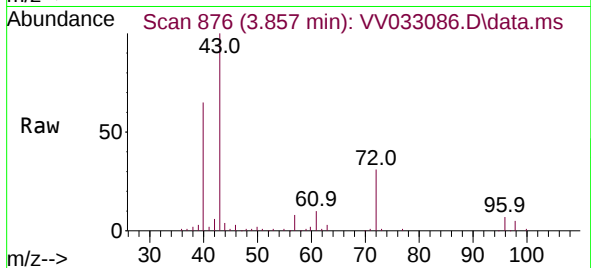




#22
2-Butanone
Concen: 88.594 ug/L
RT: 3.857 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

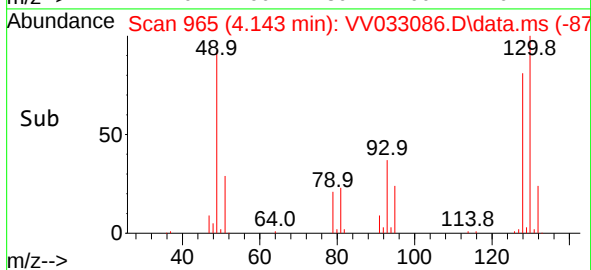
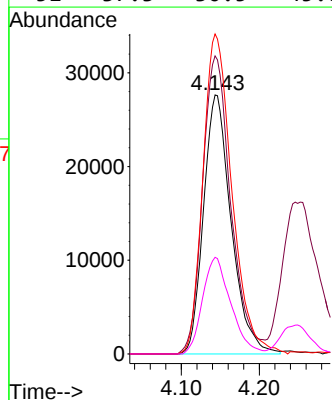
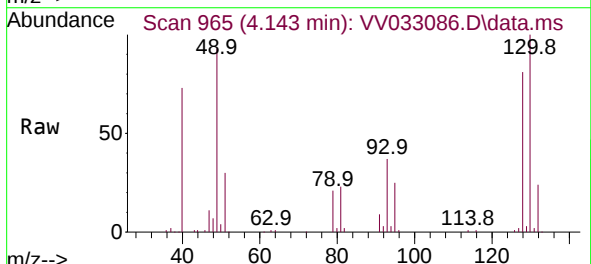
Instrument :
MSVOA_V
ClientSampleId :

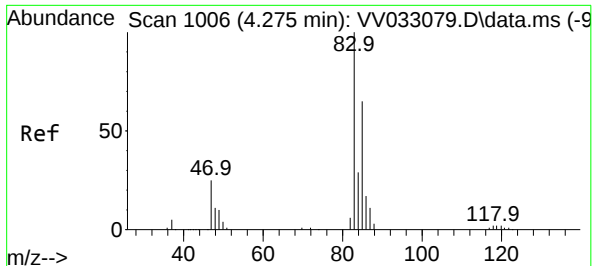
Tgt Ion: 43 Resp: 108959
Ion Ratio Lower Upper
43 100
72 28.5 14.6 43.8



#23
Bromochloromethane
Concen: 49.827 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.006 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion:128 Resp: 68131
Ion Ratio Lower Upper
128 100
49 115.0 81.7 151.7
130 123.5 90.1 167.3
51 37.3 30.5 45.7





#25

Chloroform

Concen: 50.773 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

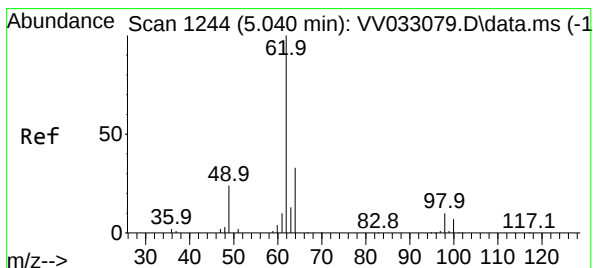
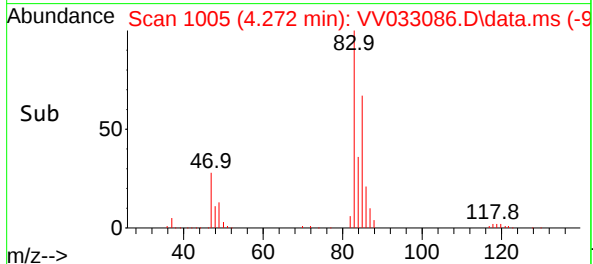
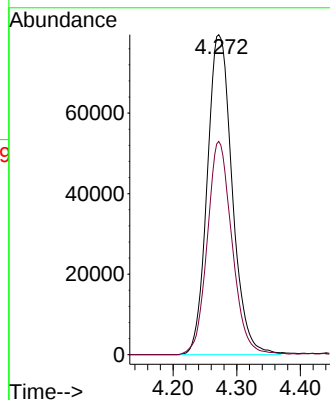
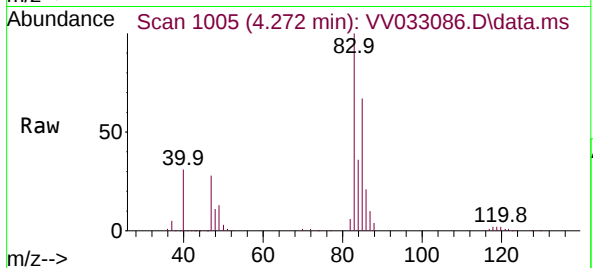
ClientSampleId :

Tgt Ion: 83 Resp: 216903

Ion Ratio Lower Upper

83 100

85 66.7 43.5 80.7



#27

1,2-Dichloroethane

Concen: 50.684 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV033086.D

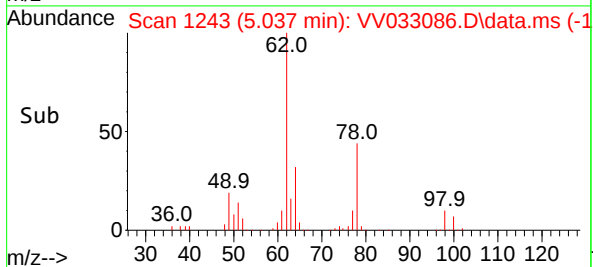
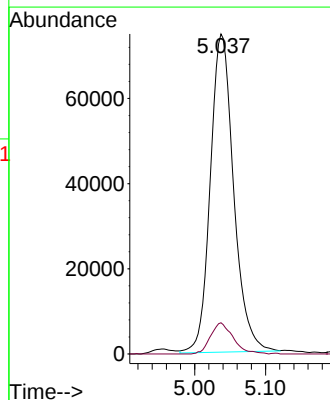
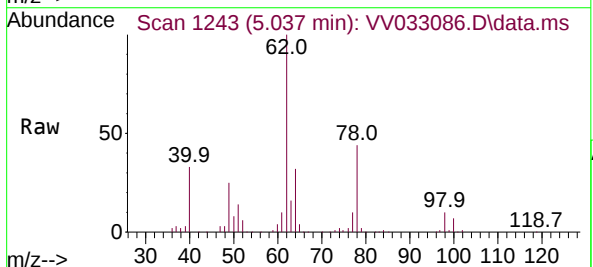
Acq: 01 Dec 2023 18:22

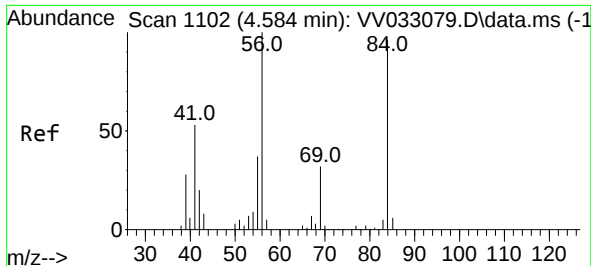
Tgt Ion: 62 Resp: 171098

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

Cyclohexane

Concen: 51.580 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

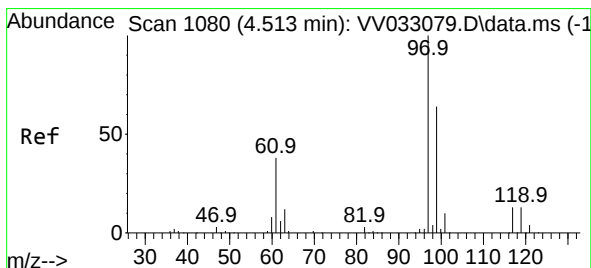
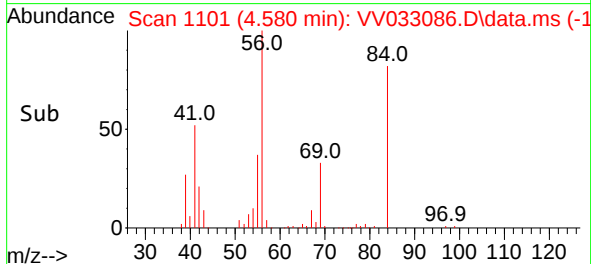
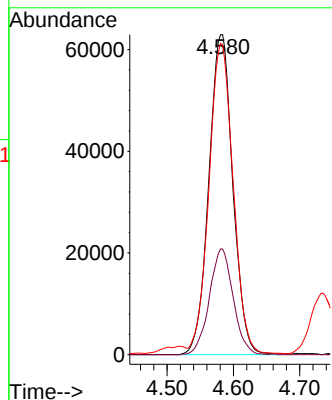
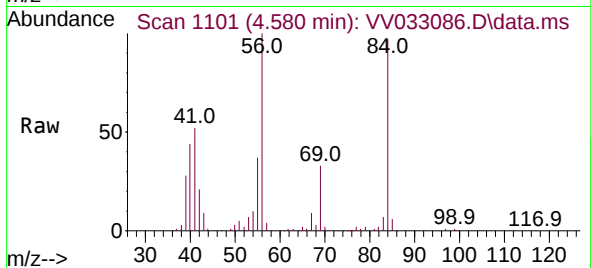
Tgt Ion: 56 Resp: 158182

Ion Ratio Lower Upper

56 100

69 32.8 26.9 40.3

84 97.2 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 51.101 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

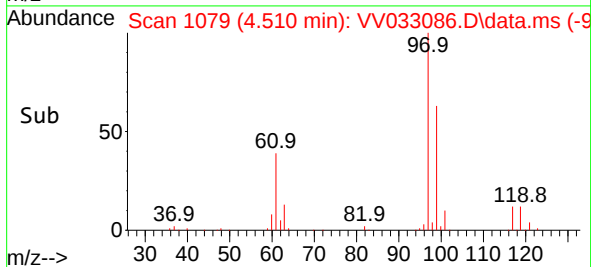
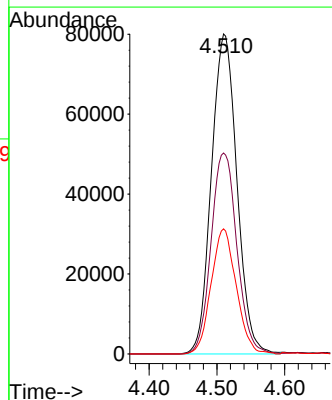
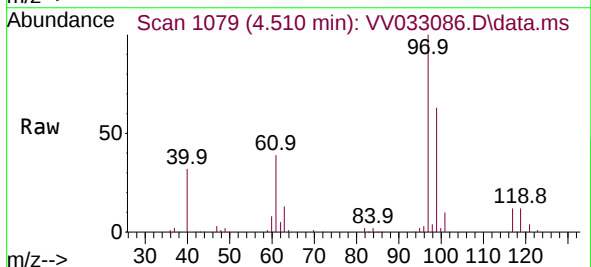
Tgt Ion: 97 Resp: 209687

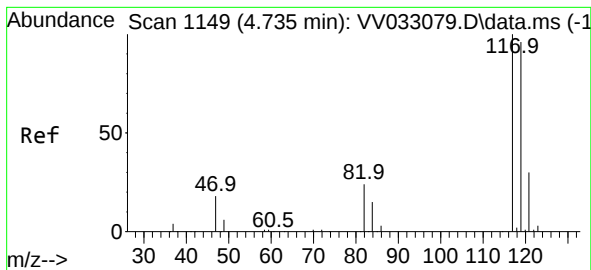
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 38.5 31.8 47.8





#31

Carbon tetrachloride

Concen: 50.527 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

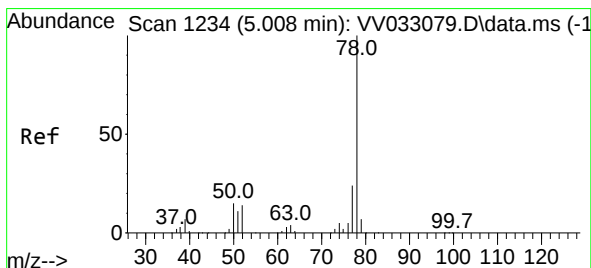
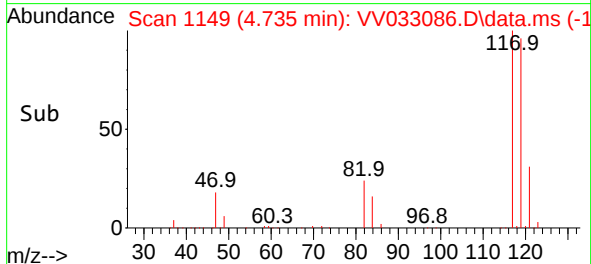
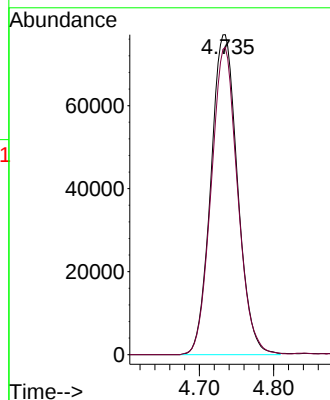
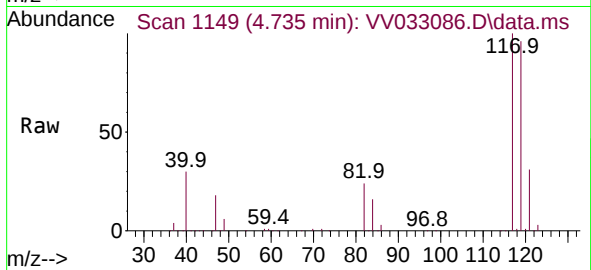
ClientSampleId :

Tgt Ion:117 Resp: 192781

Ion Ratio Lower Upper

117 100

119 95.0 77.5 116.3



#33

Benzene

Concen: 52.571 ug/L

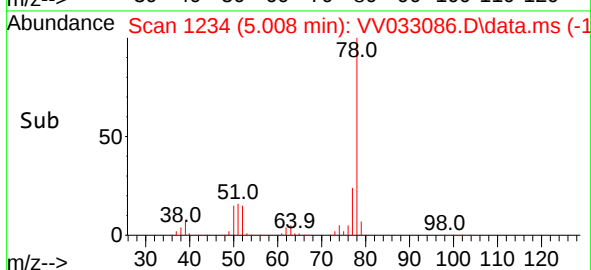
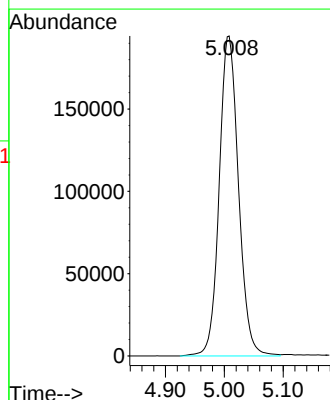
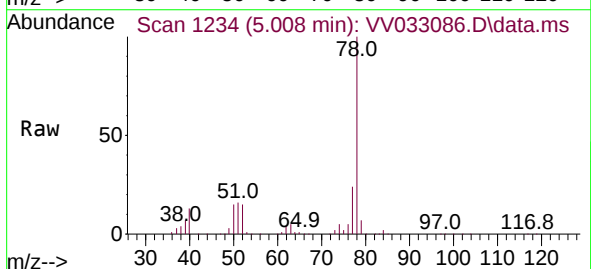
RT: 5.008 min Scan# 1234

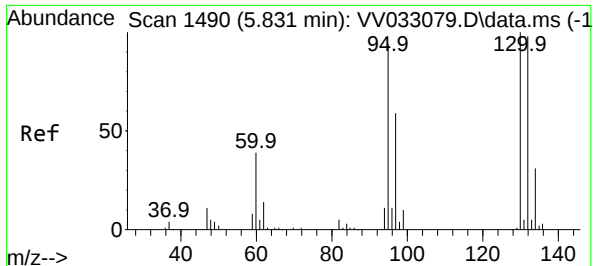
Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Tgt Ion: 78 Resp: 442324





#34

Trichloroethene

Concen: 50.047 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 125801

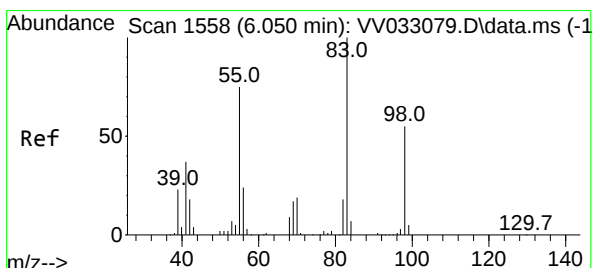
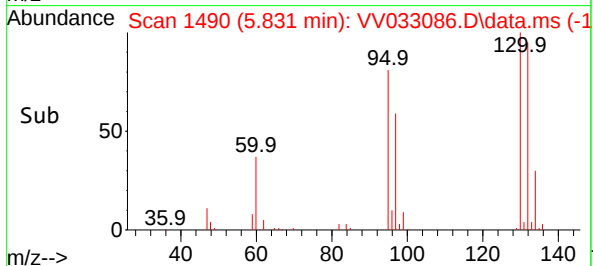
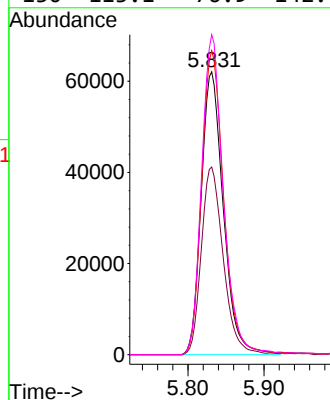
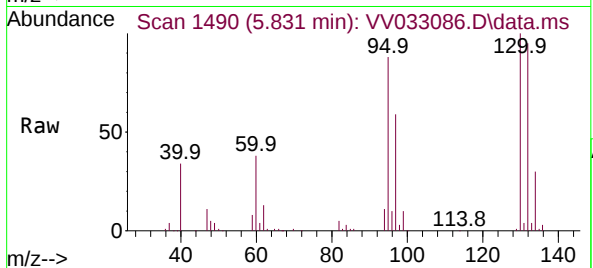
Ion Ratio Lower Upper

95 100

97 66.3 45.8 85.0

132 107.5 77.4 143.8

130 113.1 76.9 142.7



#35

Methylcyclohexane

Concen: 50.182 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

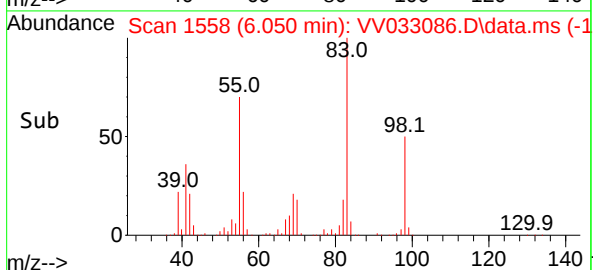
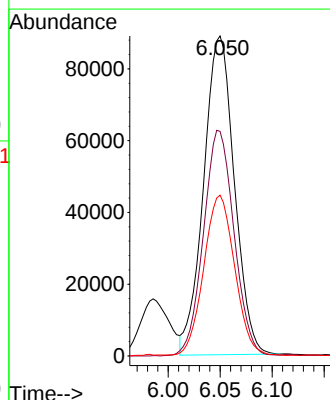
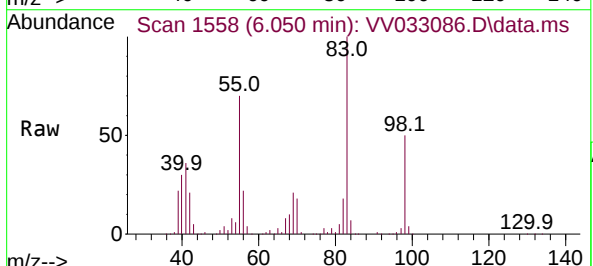
Tgt Ion: 83 Resp: 183072

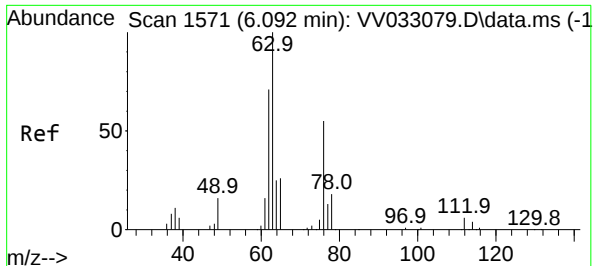
Ion Ratio Lower Upper

83 100

55 70.5 54.8 82.2

98 50.4 41.4 62.0

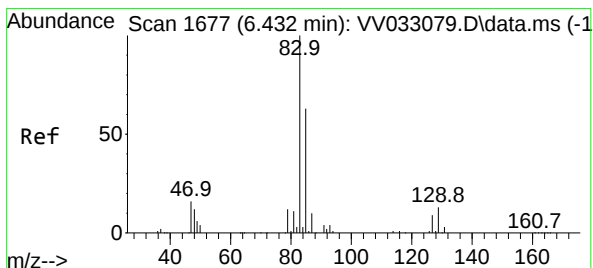
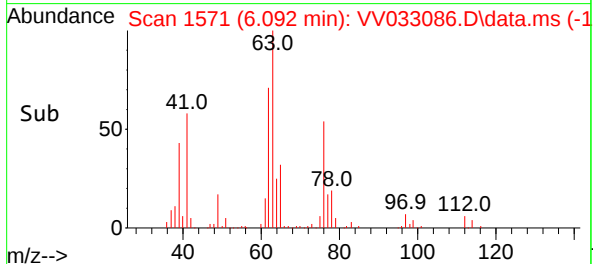
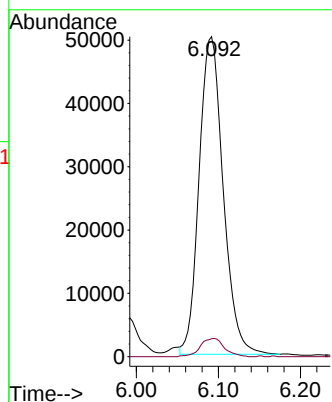
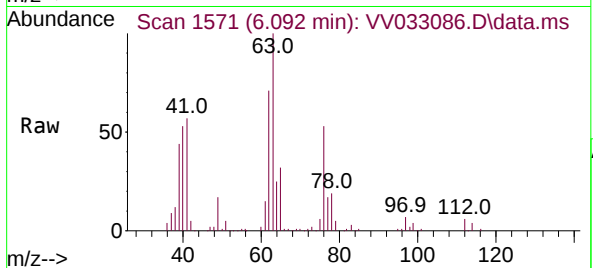




#37
1,2-Dichloropropane
Concen: 52.528 ug/L
RT: 6.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

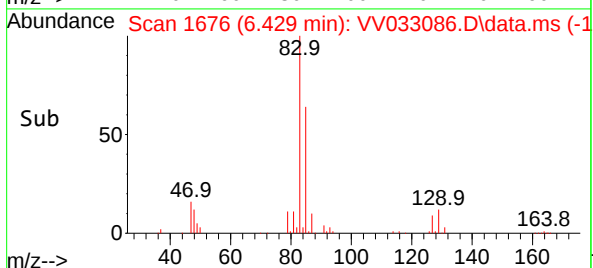
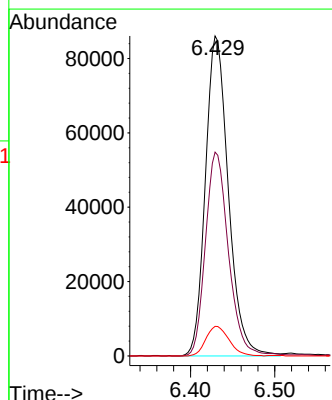
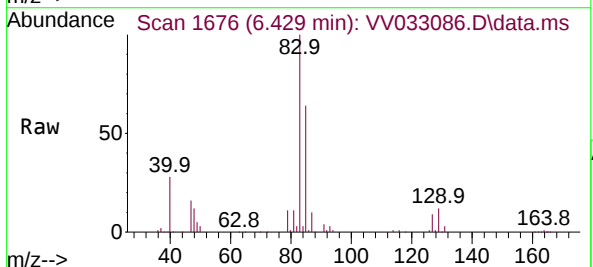
Instrument :
MSVOA_V
ClientSampleId :

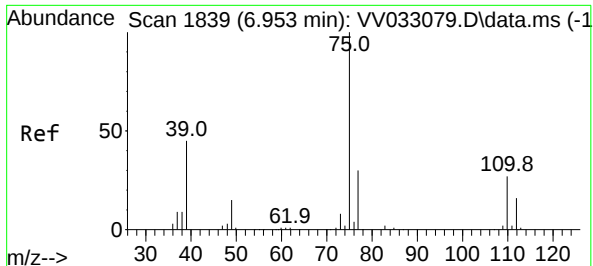
Tgt Ion: 63 Resp: 102283
Ion Ratio Lower Upper
63 100
112 5.8 4.6 6.8



#38
Bromodichloromethane
Concen: 52.028 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.003 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion: 83 Resp: 163327
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6
127 9.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 52.643 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

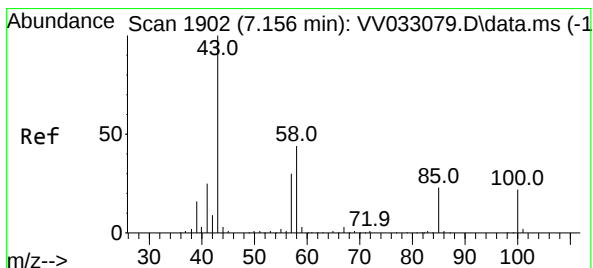
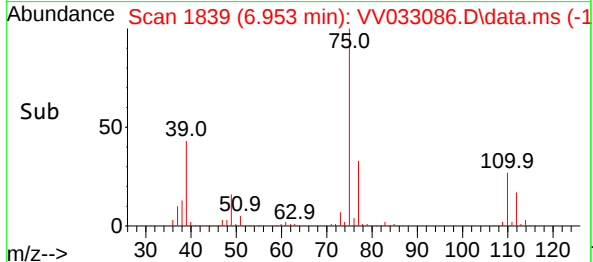
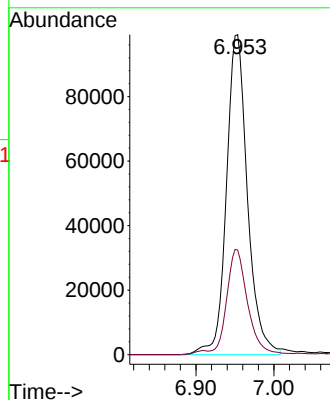
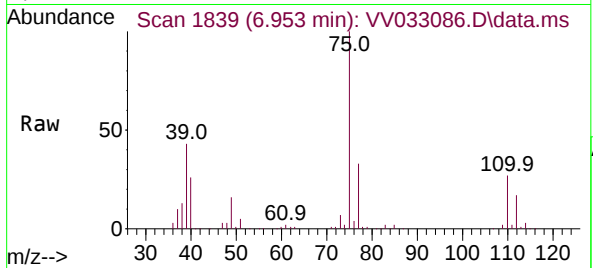
ClientSampleId :

Tgt Ion: 75 Resp: 186005

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 105.688 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

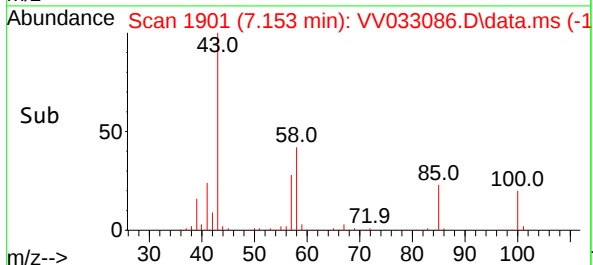
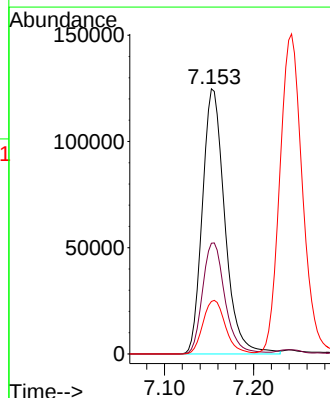
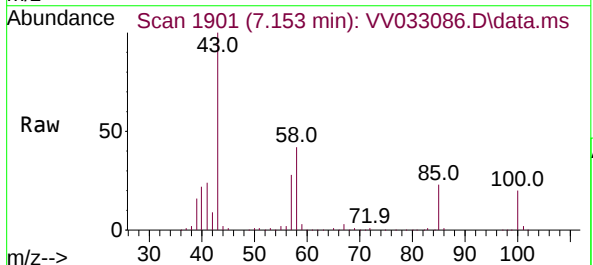
Tgt Ion: 43 Resp: 218508

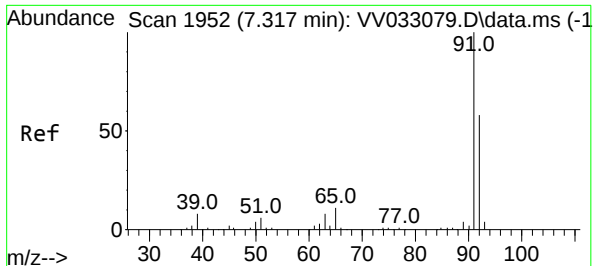
Ion Ratio Lower Upper

43 100

58 42.1 34.5 51.7

100 20.3 17.0 25.6





#42

Toluene

Concen: 51.892 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

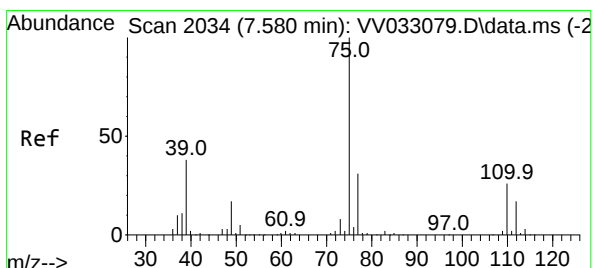
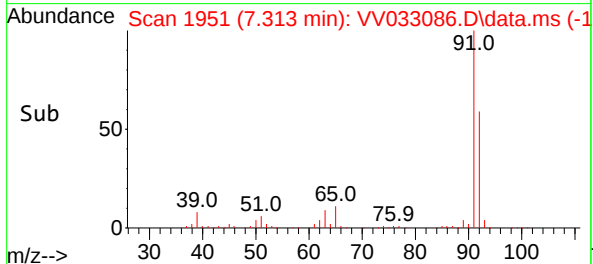
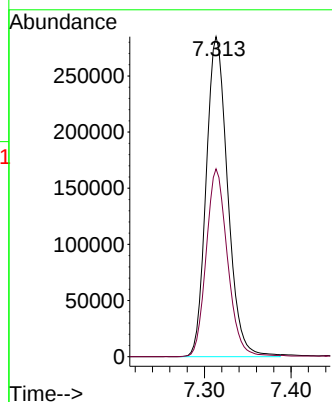
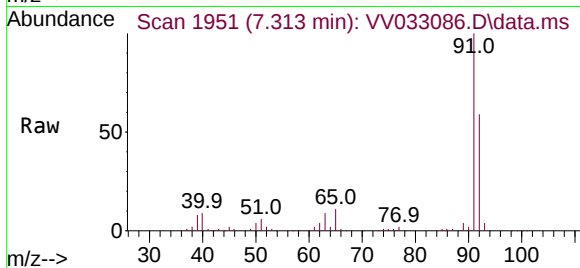
ClientSampleId :

Tgt Ion: 91 Resp: 491999

Ion Ratio Lower Upper

91 100

92 58.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 52.029 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV033086.D

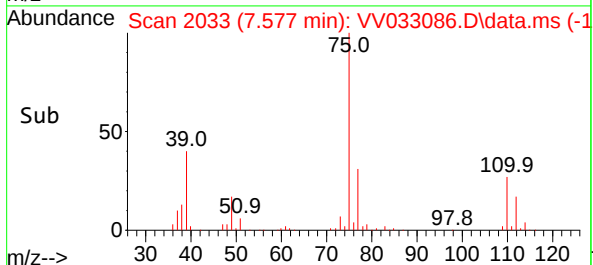
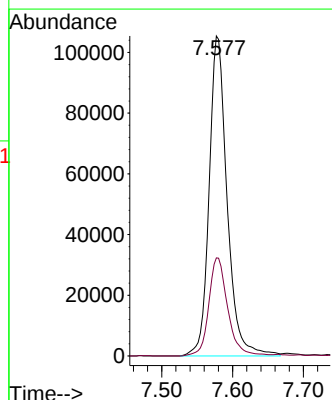
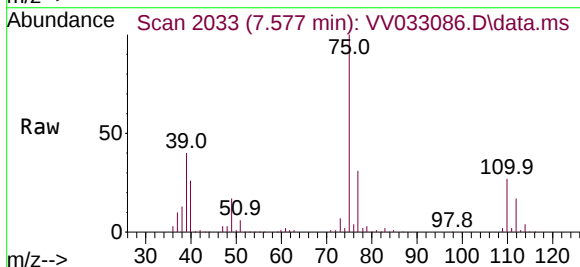
Acq: 01 Dec 2023 18:22

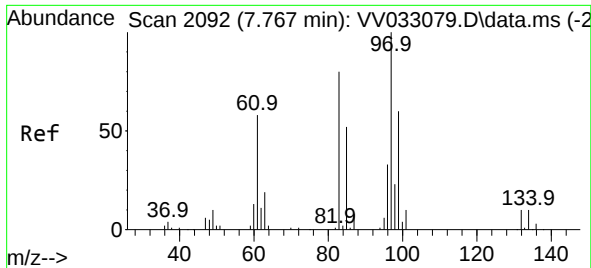
Tgt Ion: 75 Resp: 185894

Ion Ratio Lower Upper

75 100

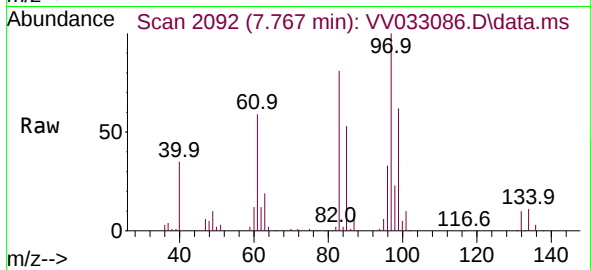
77 30.6 22.0 41.0



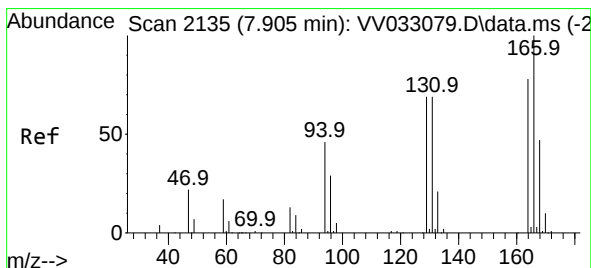
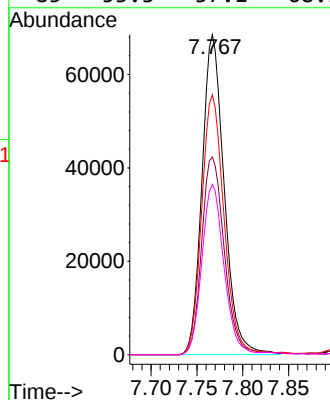
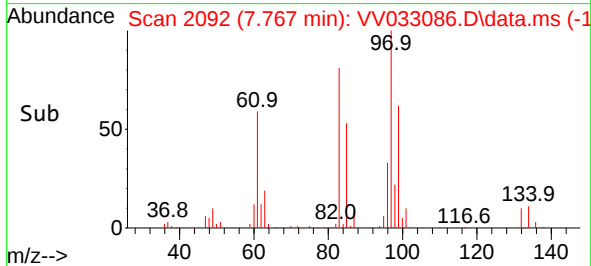


#45
1,1,2-Trichloroethane
Concen: 51.120 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

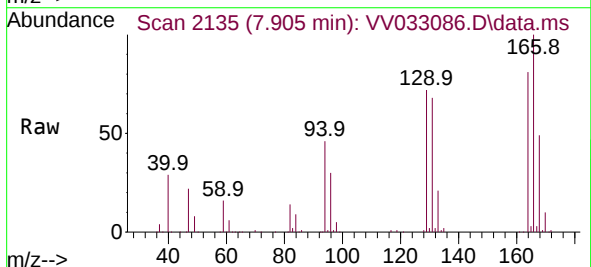
Instrument :
MSVOA_V
ClientSampleId :



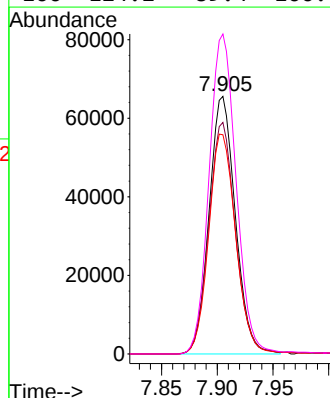
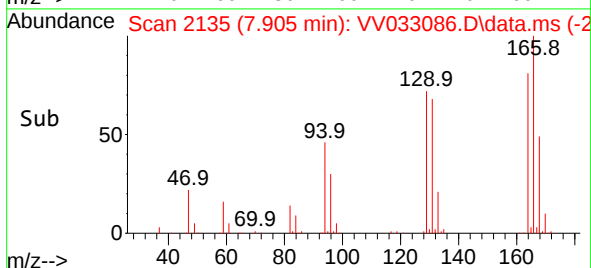
Tgt Ion:	97	Resp:	115416
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.2	80.2
83	81.2	55.8	103.6
85	53.3	37.1	68.9

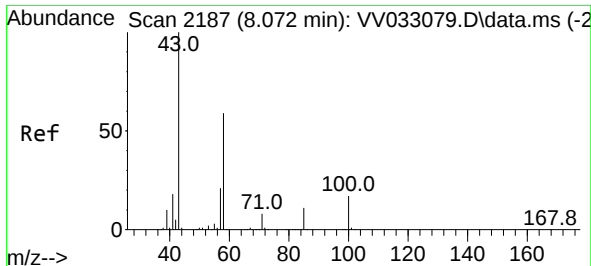


#46
Tetrachloroethene
Concen: 49.746 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22



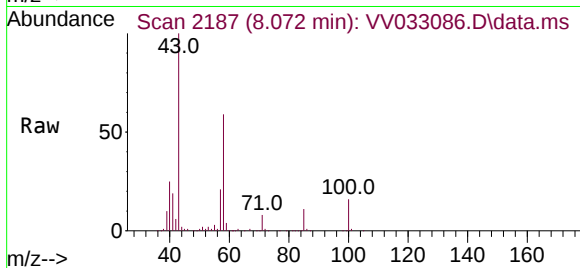
Tgt Ion:	164	Resp:	107491
Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.6	121.8
131	85.1	64.7	120.1
166	124.2	89.4	166.0



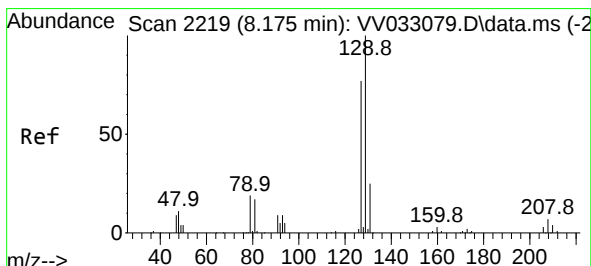
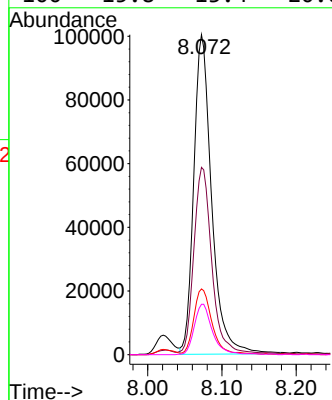
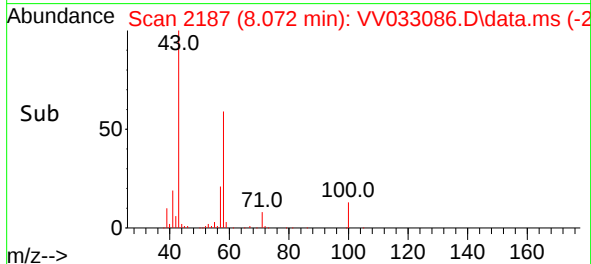


#48
2-Hexanone
Concen: 98.576 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Instrument :
MSVOA_V
ClientSampleId :

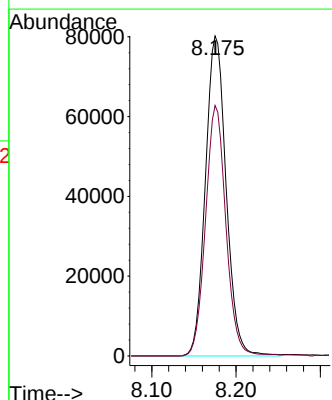
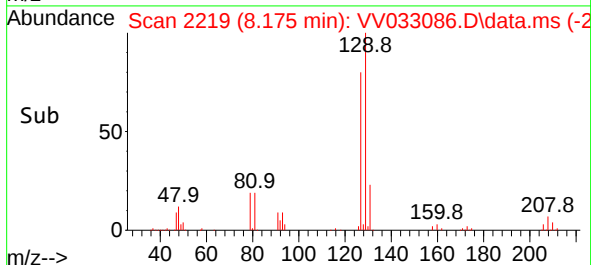
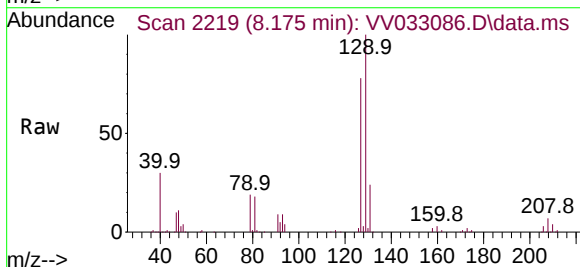


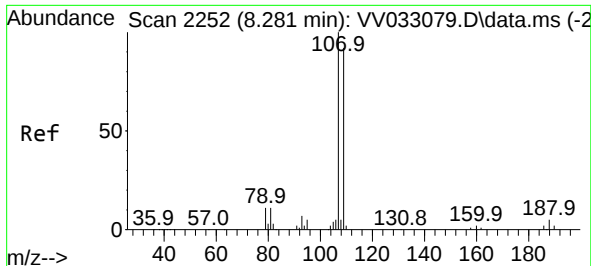
Tgt Ion: 43	Resp: 168974
Ion Ratio	Lower Upper
43 100	
58 58.5	47.9 71.9
57 19.6	17.4 26.0
100 15.8	13.4 20.0



#49
Dibromochloromethane
Concen: 51.037 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion:129	Resp: 137557
Ion Ratio	Lower Upper
129 100	
127 78.3	54.1 100.5





#50

1,2-Dibromoethane

Concen: 51.887 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033086.D

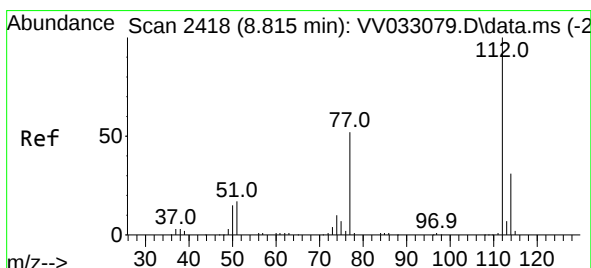
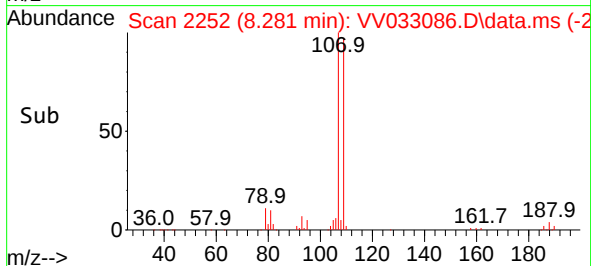
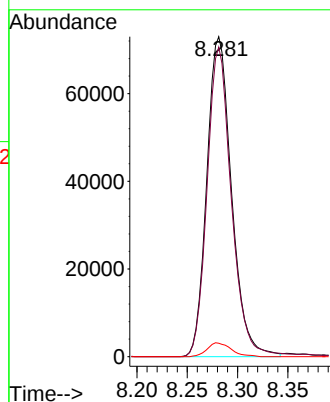
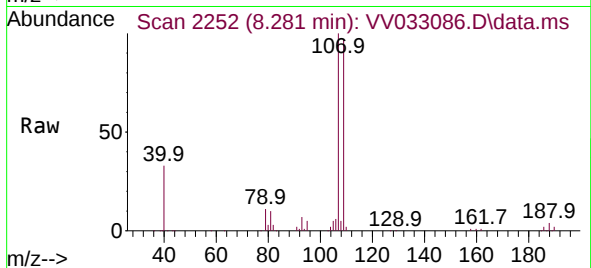
Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	124895
Ion	Ratio	Lower	Upper
107	100		
109	96.8	65.2	121.2
188	4.2	3.8	5.6



#51

Chlorobenzene

Concen: 50.172 ug/L

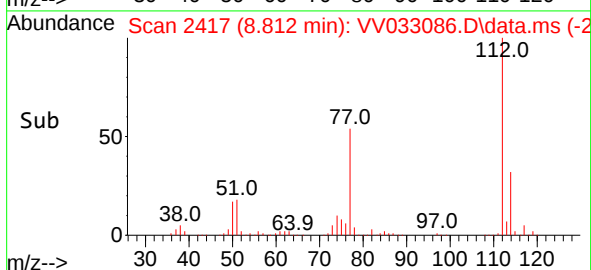
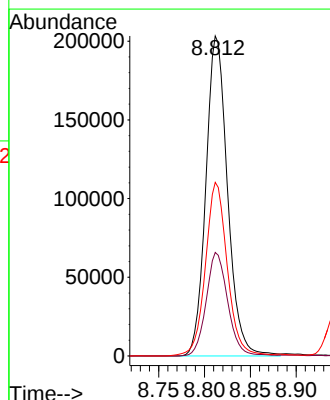
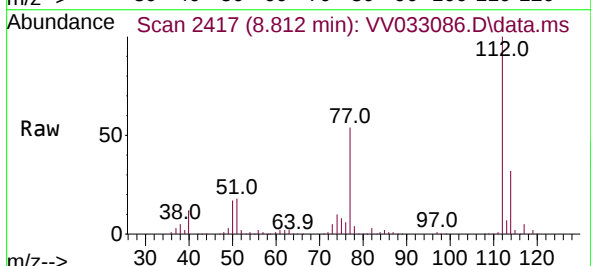
RT: 8.812 min Scan# 2417

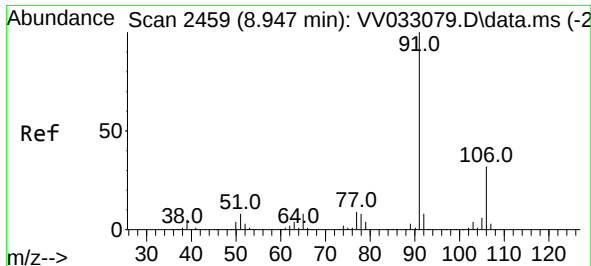
Delta R.T. -0.003 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Tgt Ion:	112	Resp:	334510
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.9	42.5
77	54.3	42.6	64.0

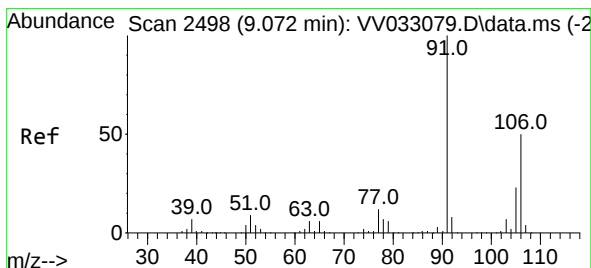
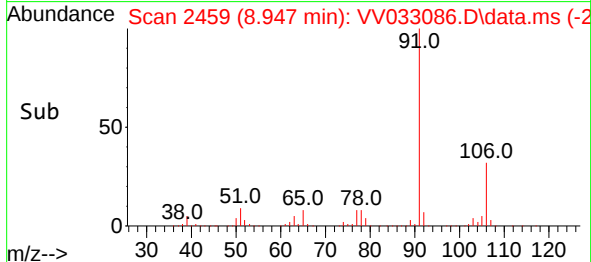
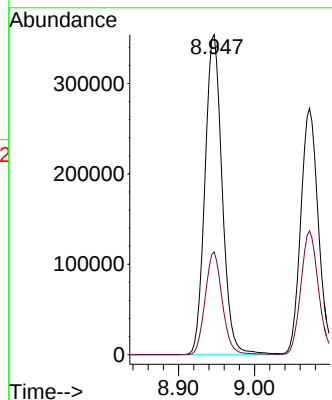
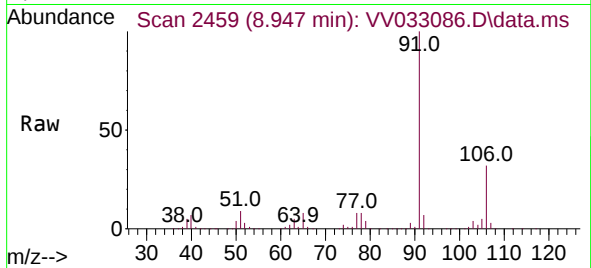




#52
Ethylbenzene
Concen: 50.993 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

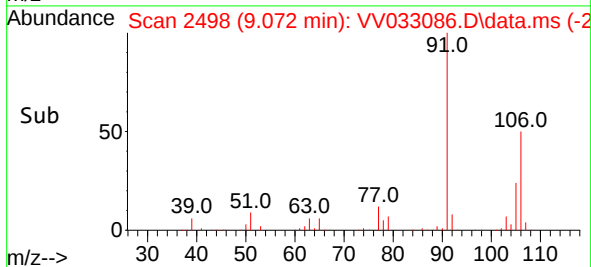
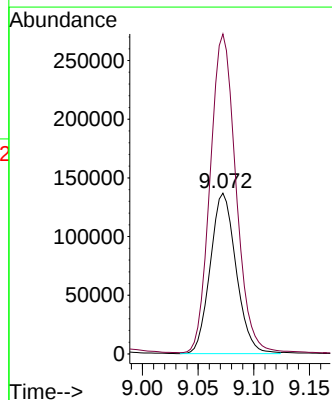
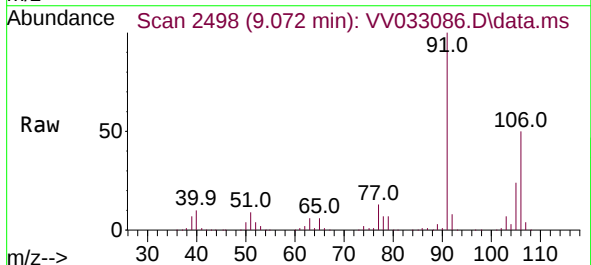
Instrument :
MSVOA_V
ClientSampleId :

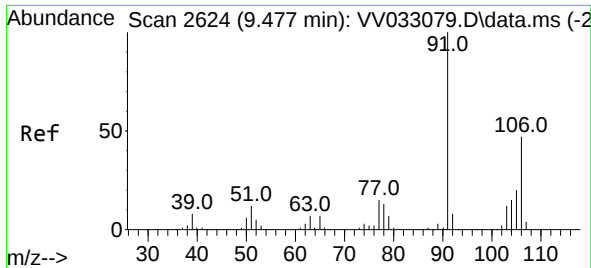
Tgt Ion: 91 Resp: 556500
Ion Ratio Lower Upper
91 100
106 32.1 22.6 42.0



#53
m,p-Xylene
Concen: 51.003 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion: 106 Resp: 220423
Ion Ratio Lower Upper
106 100
91 199.1 145.2 269.6

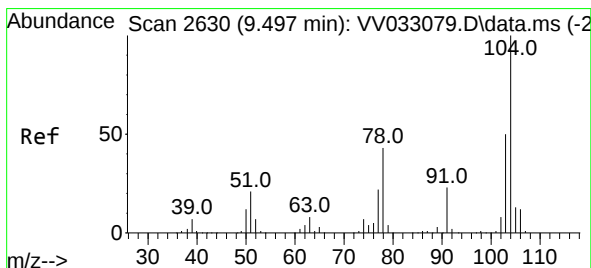
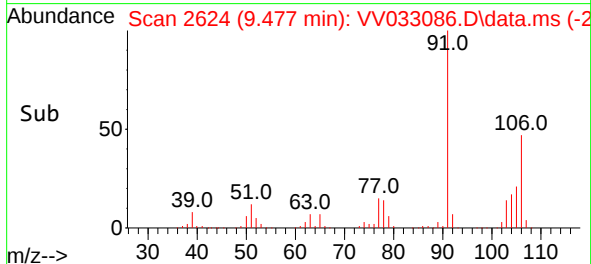
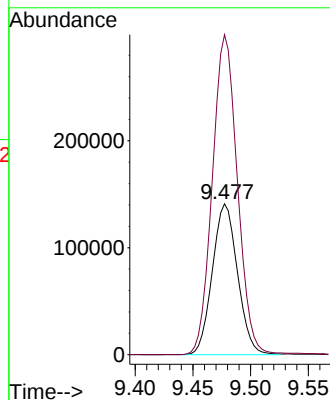
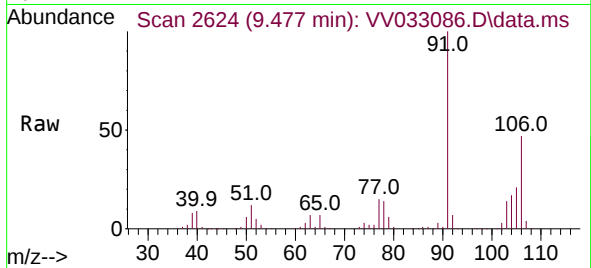




#54
o-Xylene
Concen: 50.111 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

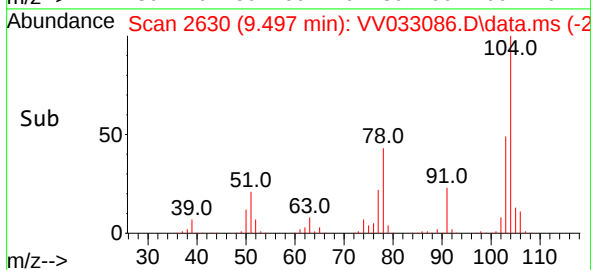
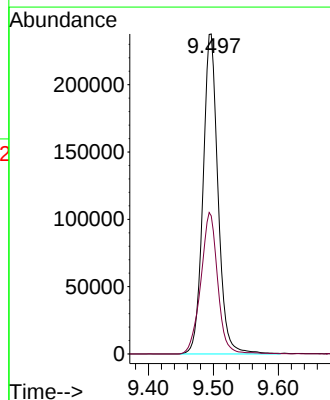
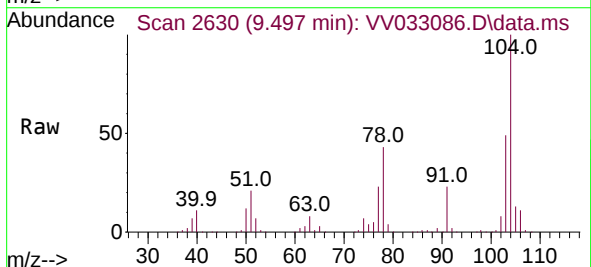
Instrument :
MSVOA_V
ClientSampleId :

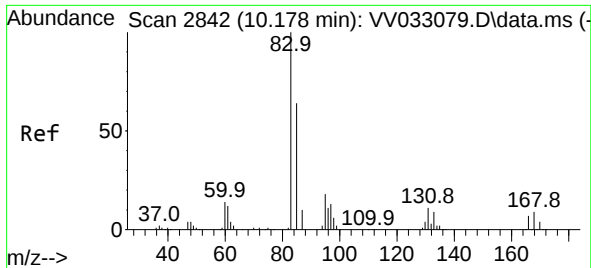
Tgt Ion:106 Resp: 213706
Ion Ratio Lower Upper
106 100
91 212.1 147.8 274.6



#55
Styrene
Concen: 51.902 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion:104 Resp: 382910
Ion Ratio Lower Upper
104 100
78 43.2 30.2 56.0

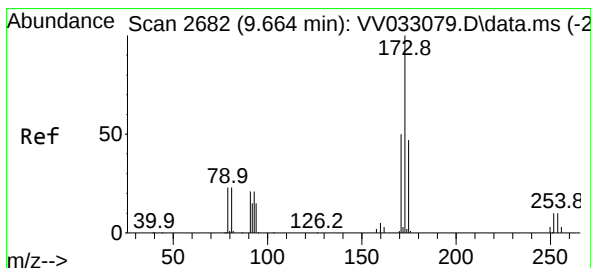
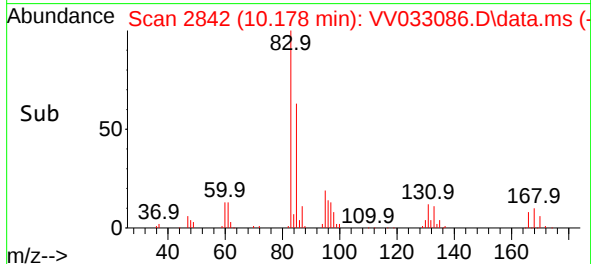
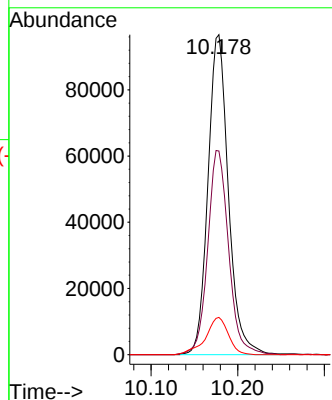
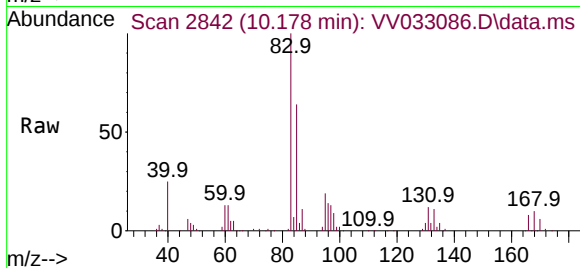




#57
1,1,2,2-Tetrachloroethane
Concen: 51.353 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

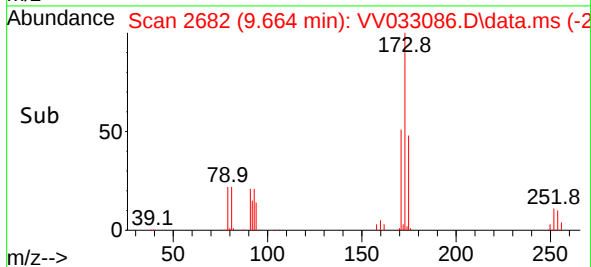
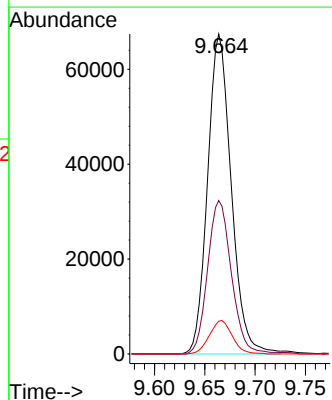
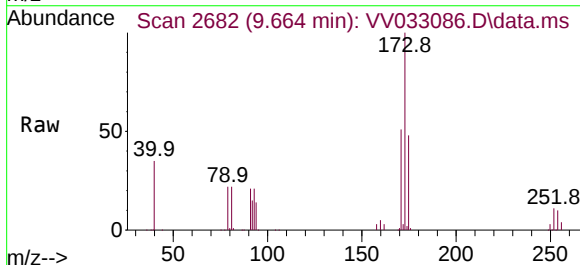
Instrument :
MSVOA_V
ClientSampleId :

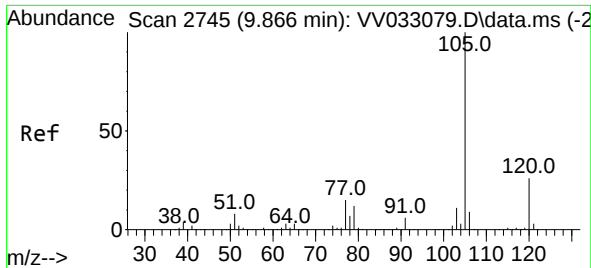
Tgt Ion: 83 Resp: 158407
Ion Ratio Lower Upper
83 100
85 63.7 45.5 84.5
131 11.7 9.7 14.5



#59
Bromoform
Concen: 51.035 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion: 173 Resp: 110212
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 10.2 8.0 12.0

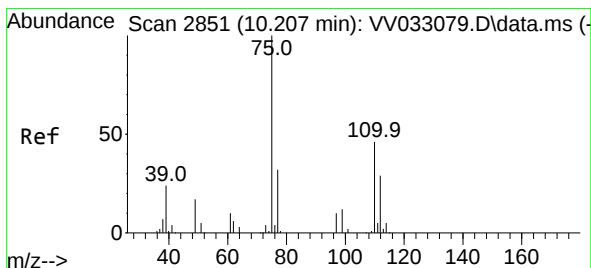
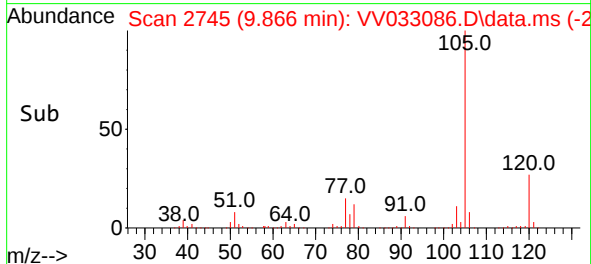
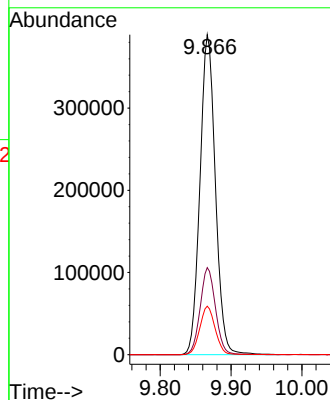
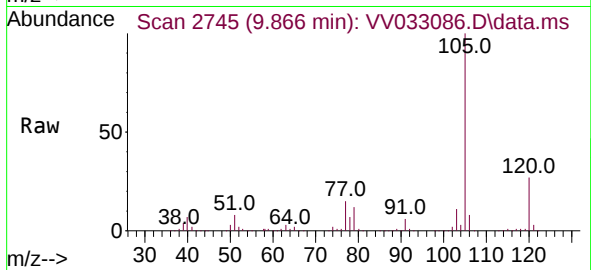




#60
Isopropylbenzene
Concen: 51.383 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

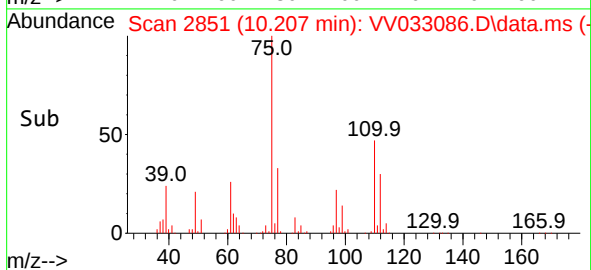
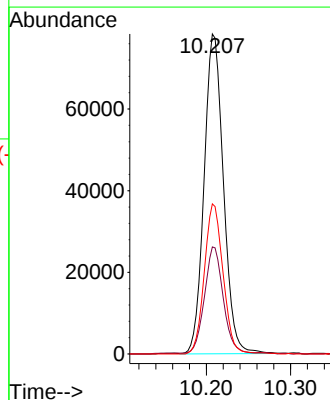
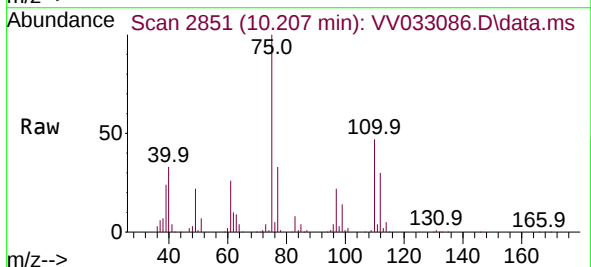
Instrument :
MSVOA_V
ClientSampleId :

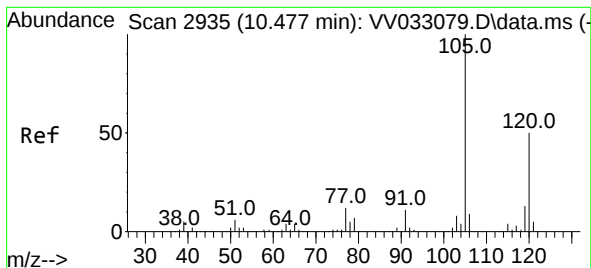
Tgt Ion:105 Resp: 589512
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 50.572 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion: 75 Resp: 125474
Ion Ratio Lower Upper
75 100
77 31.8 27.0 40.6
110 45.2 38.1 57.1

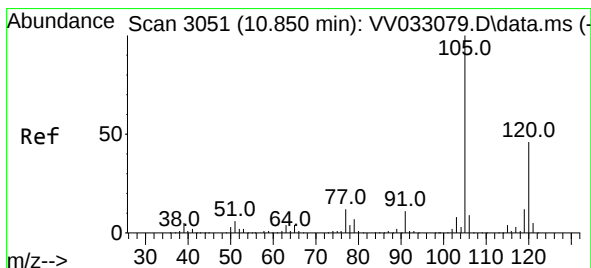
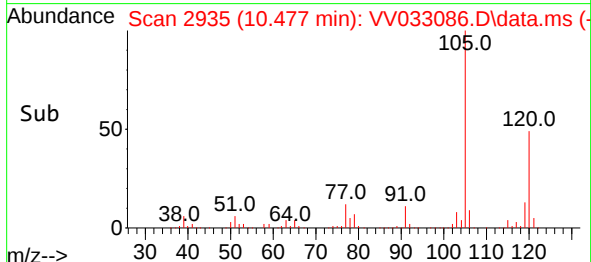
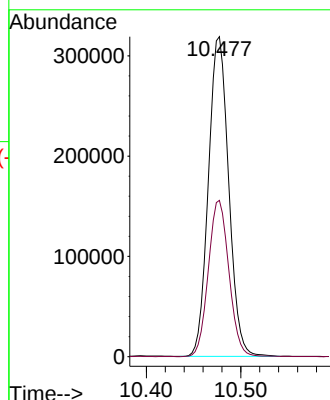
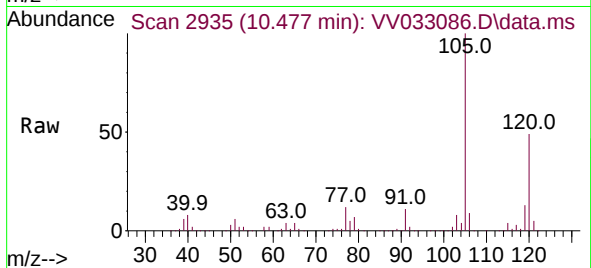




#62
1,3,5-Trimethylbenzene
Concen: 51.514 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

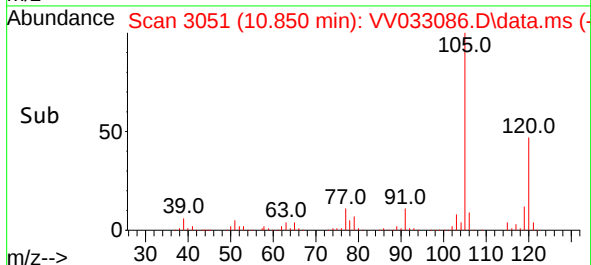
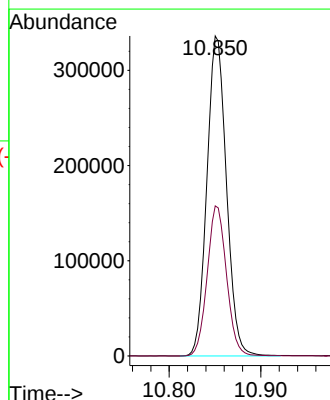
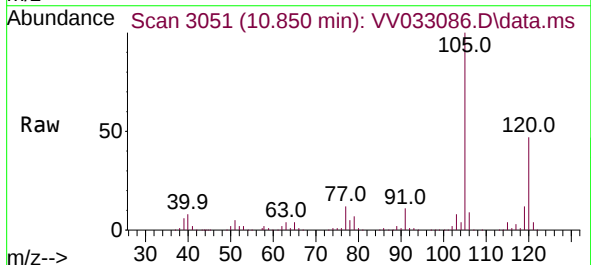
Instrument :
MSVOA_V
ClientSampleId :

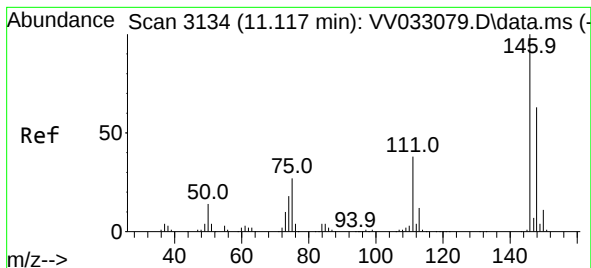
Tgt Ion:105 Resp: 476173
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 51.673 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion:105 Resp: 497438
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 49.779 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

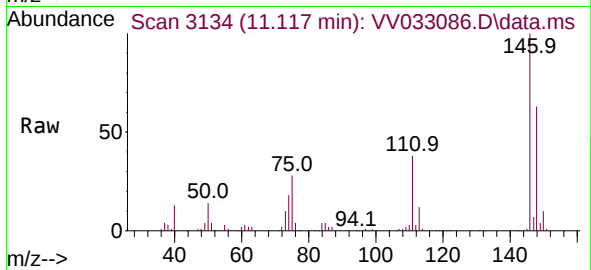
Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :



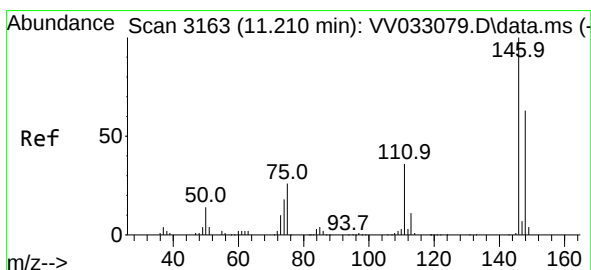
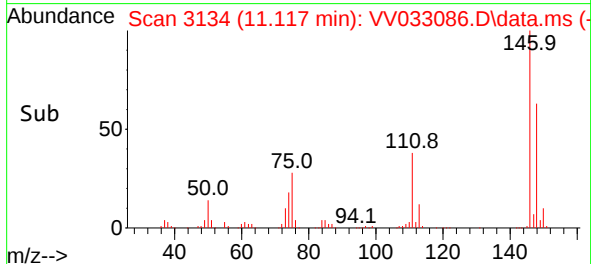
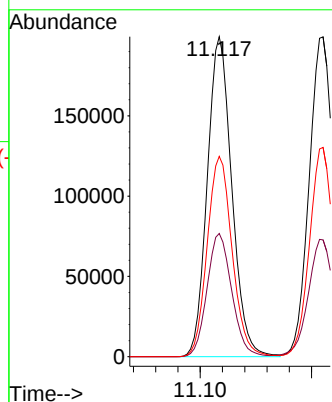
Tgt Ion:146 Resp: 305108

Ion Ratio Lower Upper

146 100

111 38.5 26.2 48.6

148 62.6 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 49.124 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

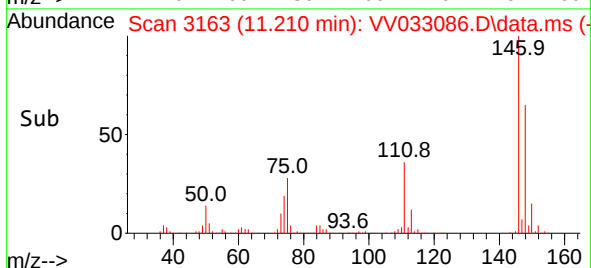
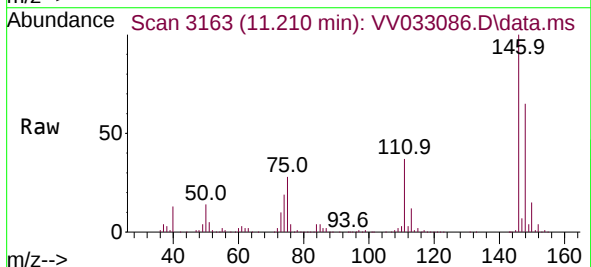
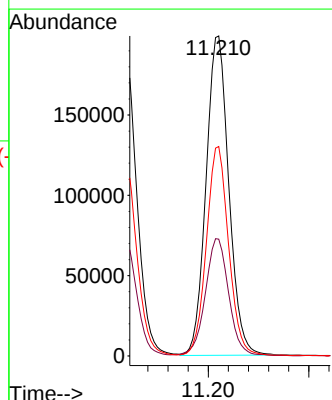
Tgt Ion:146 Resp: 312773

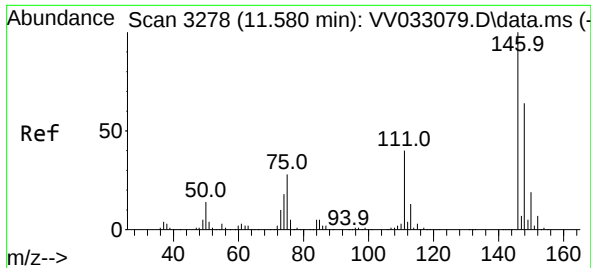
Ion Ratio Lower Upper

146 100

111 36.5 25.9 48.1

148 65.4 44.9 83.5

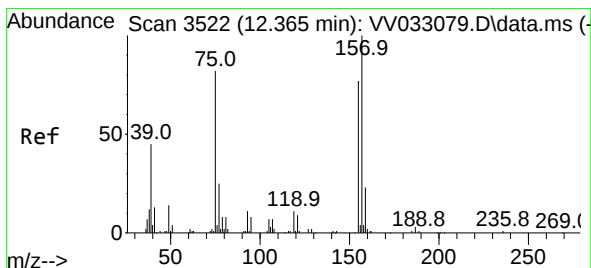
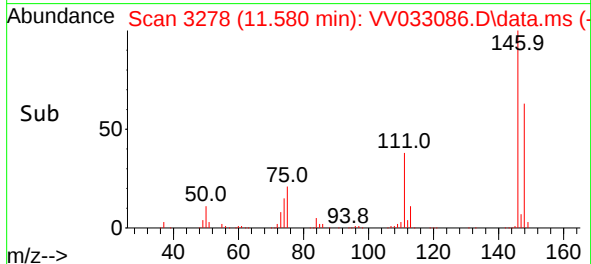
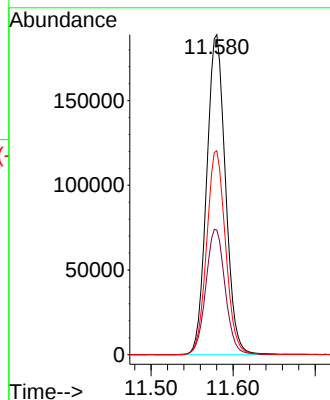
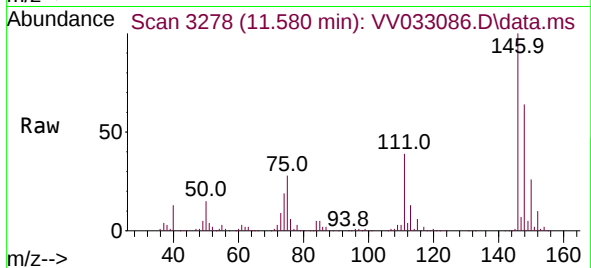




#67
1,2-Dichlorobenzene
Concen: 50.117 ug/L
RT: 11.580 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

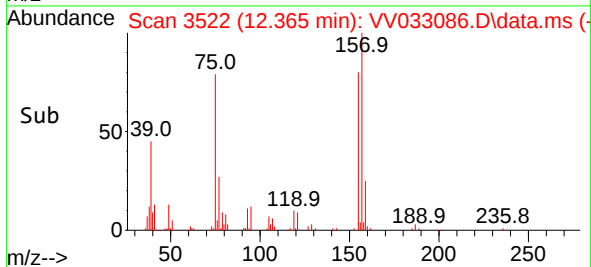
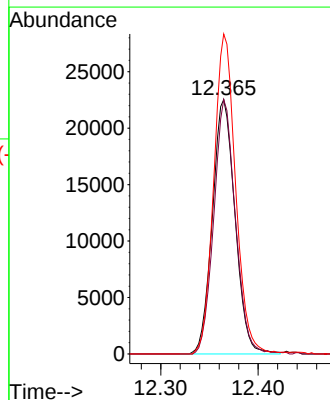
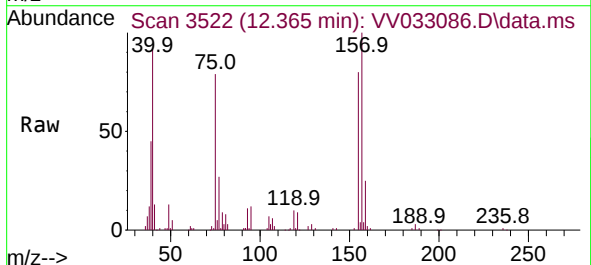
Instrument :
MSVOA_V
ClientSampleId :

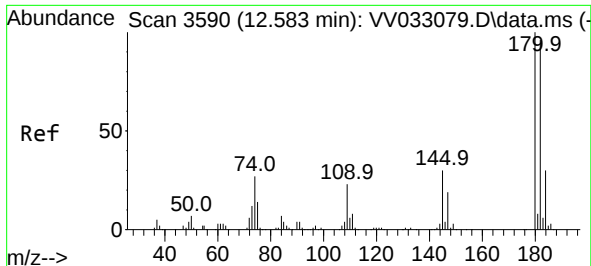
Tgt Ion:146 Resp: 301146
Ion Ratio Lower Upper
146 100
111 39.0 32.4 48.6
148 63.7 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 47.612 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

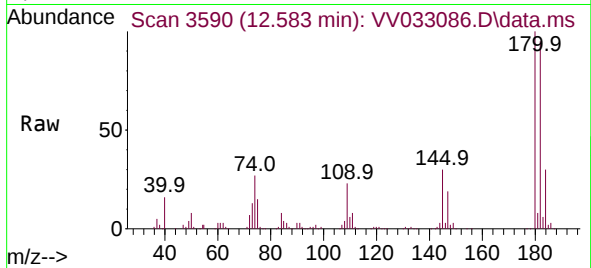
Tgt Ion: 75 Resp: 36247
Ion Ratio Lower Upper
75 100
155 100.0 75.8 113.6
157 125.8 95.4 143.0



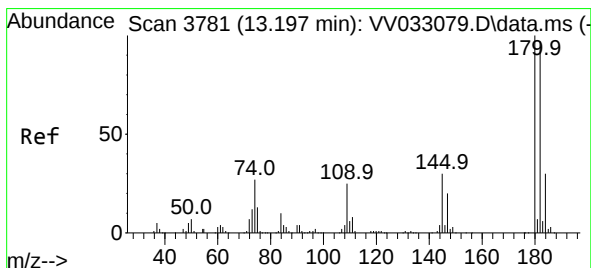
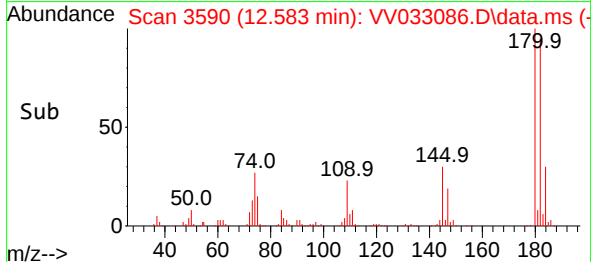
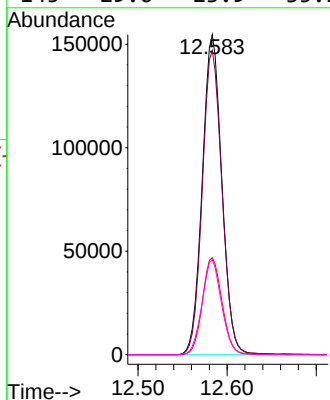


#69
1,3,5-Trichlorobenzene
Concen: 48.041 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Instrument :
MSVOA_V
ClientSampleId :

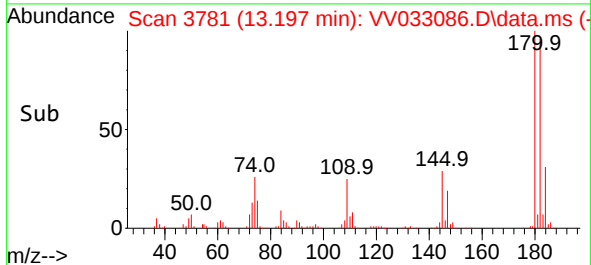
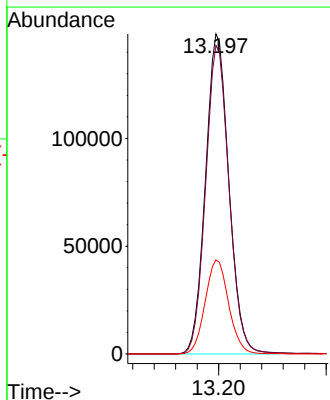
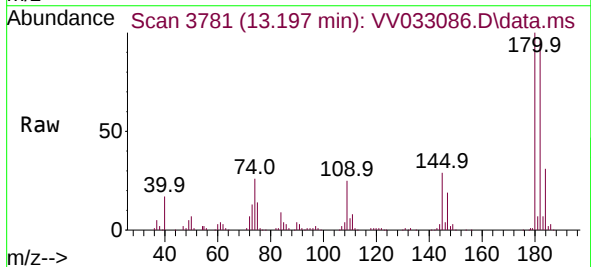


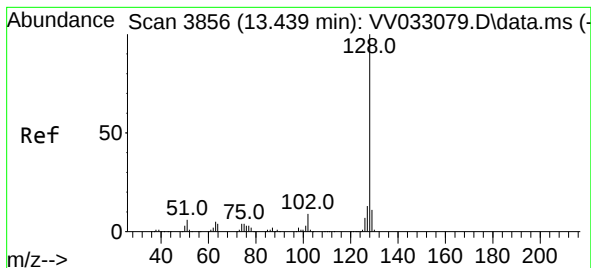
Tgt Ion:180 Resp: 235864
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
184 30.3 24.2 36.4
145 29.6 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 49.523 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033086.D
Acq: 01 Dec 2023 18:22

Tgt Ion:180 Resp: 224631
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 29.5 23.4 35.0





#71

Naphthalene

Concen: 48.820 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033086.D

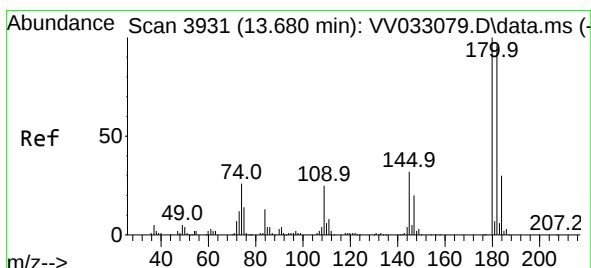
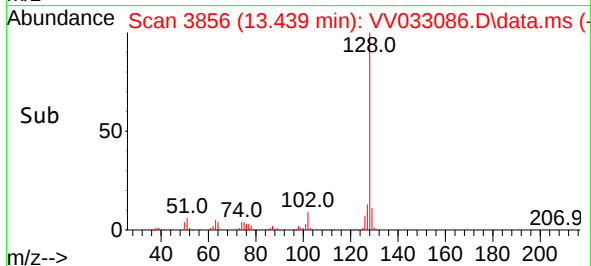
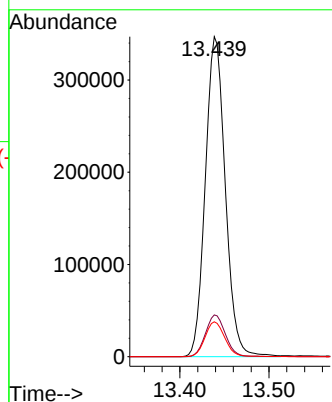
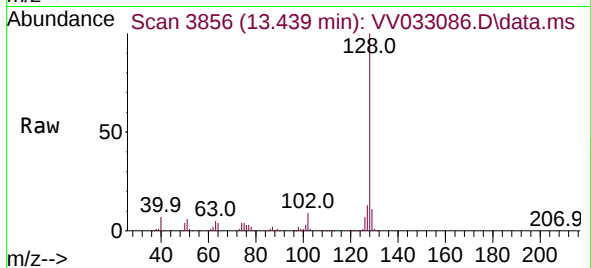
Acq: 01 Dec 2023 18:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	540050
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.470 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033086.D

Acq: 01 Dec 2023 18:22

Tgt Ion:	180	Resp:	220900
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.2	112.8
145	31.8	24.9	37.3

