

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
 Data File : VV035099.D
 Acq On : 10 Apr 2024 11:16
 Operator : SY/MD
 Sample : P1979-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MSD

Quant Time: Apr 11 06:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	294723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	273959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104419	36.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.380%
7) Chloroethane-d5	1.523	69	101964	41.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	2.056	65	47926	38.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.820%
21) 2-Butanone-d5	3.783	46	215684	127.769	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.770%
24) Chloroform-d	4.246	84	240144	50.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	4.941	65	155132	51.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.120%
32) Benzene-d6	4.957	84	436225	47.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.986	67	152300	52.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.240%
41) Toluene-d8	7.240	98	367306	44.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	7.551	79	65665	46.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.440%
47) 2-Hexanone-d5	8.024	63	133992	121.277	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	233365	57.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.980%
66) 1,2-Dichlorobenzene-d4	11.558	152	139458	46.978	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78745	36.864	ug/L	99
3) Chloromethane	1.214	50	141083	51.376	ug/L	100
5) Vinyl chloride	1.282	62	130887	45.465	ug/L	99
6) Bromomethane	1.478	94	63135	29.257	ug/L	100
8) Chloroethane	1.542	64	98726	50.213	ug/L	98
9) Trichlorofluoromethane	1.709	101	157830	41.771	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92786	40.120	ug/L	97
12) 1,1-Dichloroethene	2.066	96	96868	43.794	ug/L	92
13) Acetone	2.111	43	185272	119.547	ug/L	99
14) Carbon disulfide	2.237	76	232448	37.317	ug/L	99
15) Methyl Acetate	2.372	43	197712	80.955	ug/L	99
16) Methylene chloride	2.442	84	152751	63.734	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	104849	49.029	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	524914	69.883	ug/L	98
19) 1,1-Dichloroethane	3.108	63	272003	62.025	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	141279	58.178	ug/L	99
22) 2-Butanone	3.863	43	252830	140.589	ug/L	98
23) Bromochloromethane	4.143	128	78137	64.312	ug/L	97
25) Chloroform	4.272	83	266846	61.546	ug/L	99

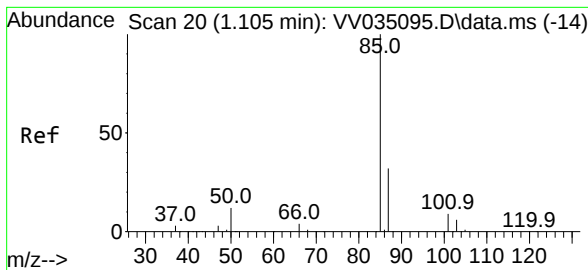
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035099.D
 Acq On : 10 Apr 2024 11:16
 Operator : SY/MD
 Sample : P1979-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MSD

Quant Time: Apr 11 06:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	227509	65.905	ug/L	100
29) Cyclohexane	4.577	56	134759	39.274	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	188251	52.716	ug/L	99
31) Carbon tetrachloride	4.732	117	146392	48.366	ug/L	100
33) Benzene	5.008	78	502161	56.212	ug/L	100
34) Trichloroethene	5.831	95	116788	48.441	ug/L	98
35) Methylcyclohexane	6.047	83	139266	38.249	ug/L	97
37) 1,2-Dichloropropane	6.092	63	161126	65.266	ug/L	99
38) Bromodichloromethane	6.429	83	207262	65.068	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	214781	55.226	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	524799	166.495	ug/L	97
42) Toluene	7.314	91	476097	50.905	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	215521	60.320	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	162253	69.729	ug/L	99
46) Tetrachloroethene	7.902	164	76194	45.236	ug/L	95
48) 2-Hexanone	8.072	43	408811	152.493	ug/L	97
49) Dibromochloromethane	8.175	129	154783	67.161	ug/L	99
50) 1,2-Dibromoethane	8.278	107	162575	64.895	ug/L	97
51) Chlorobenzene	8.812	112	308185	50.842	ug/L	99
52) Ethylbenzene	8.944	91	480597	46.365	ug/L	100
53) m,p-Xylene	9.072	106	176884	46.338	ug/L	98
54) o-Xylene	9.477	106	183933	48.699	ug/L	96
55) Styrene	9.493	104	327647	51.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	274996	72.940	ug/L	99
59) Bromoform	9.664	173	115189	76.022	ug/L	99
60) Isopropylbenzene	9.866	105	461154	48.380	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	221008	77.138	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	297918	48.125	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	379197	49.544	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	227613	51.098	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	231384	51.080	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	246282	55.501	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	61609	78.051	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	160646	50.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	149957	50.852	ug/L	99
71) Naphthalene	13.435	128	521290	63.716	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	168759	58.056	ug/L	99

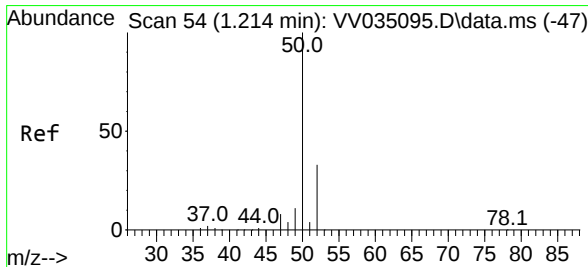
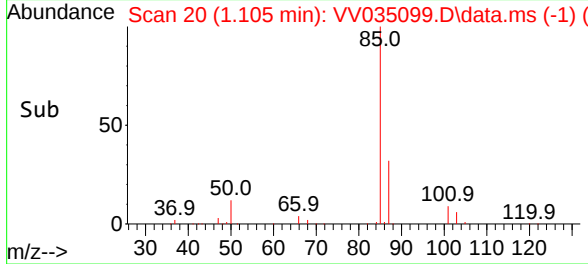
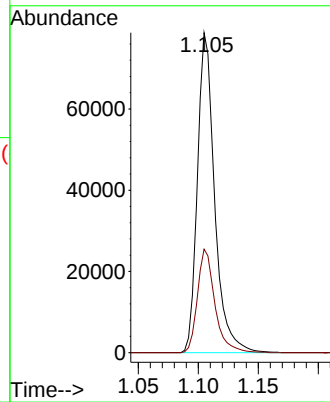
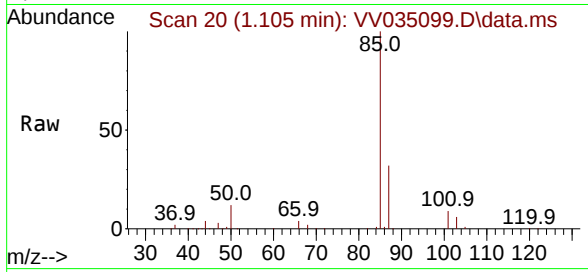
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 36.864 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035099.D
 Acq: 10 Apr 2024 11:16

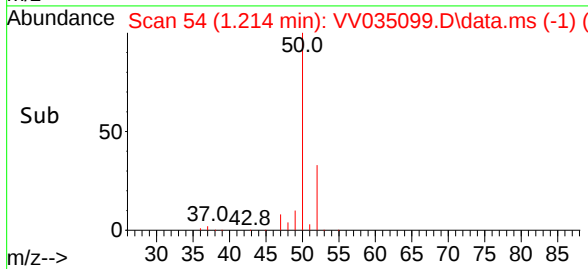
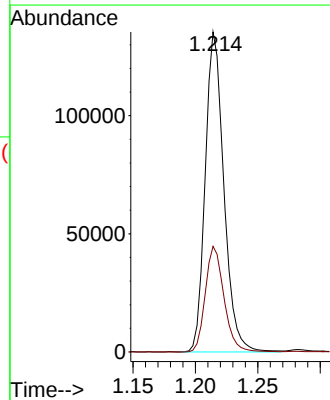
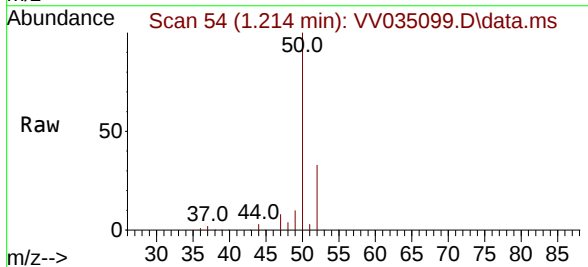
Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MSD

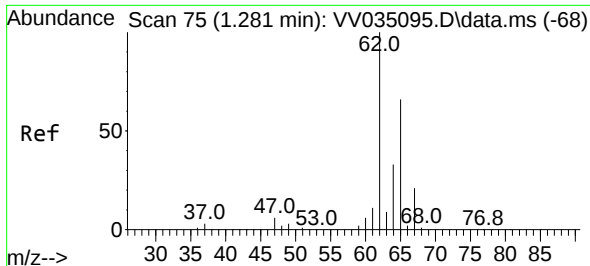
Tgt Ion: 85 Resp: 78745
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 51.376 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035099.D
 Acq: 10 Apr 2024 11:16

Tgt Ion: 50 Resp: 141083
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

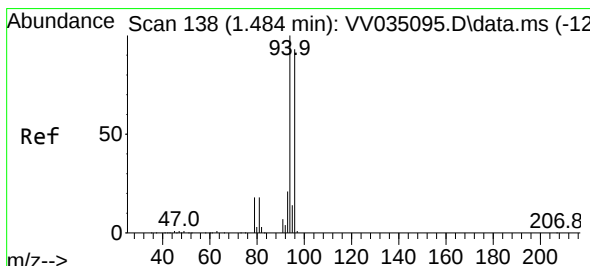
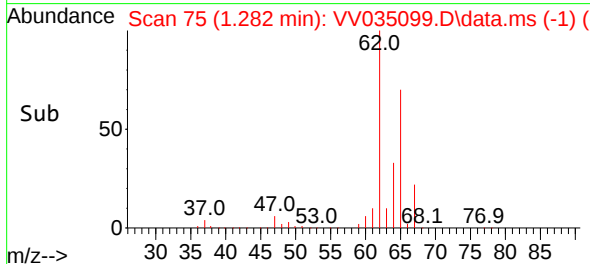
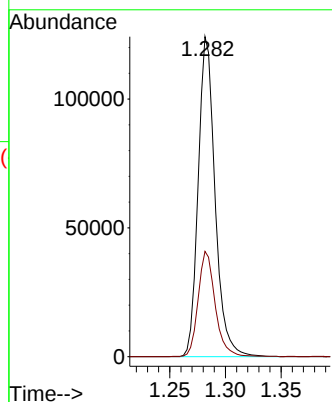
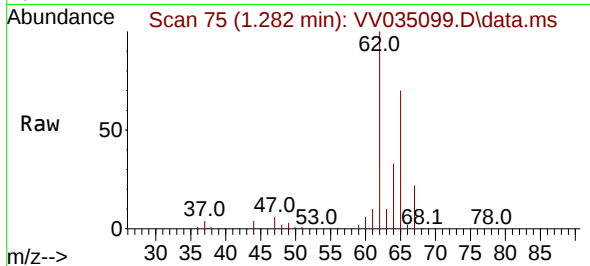




#5
 Vinyl chloride
 Concen: 45.465 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV035099.D
 Acq: 10 Apr 2024 11:16

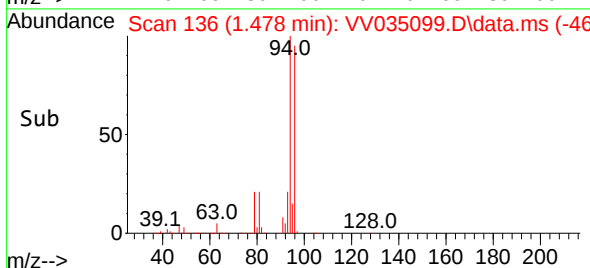
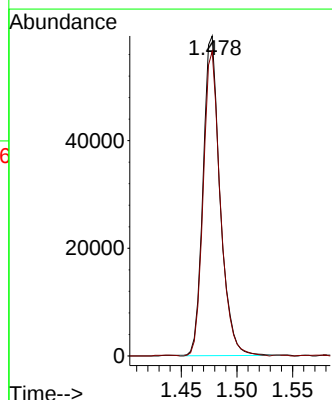
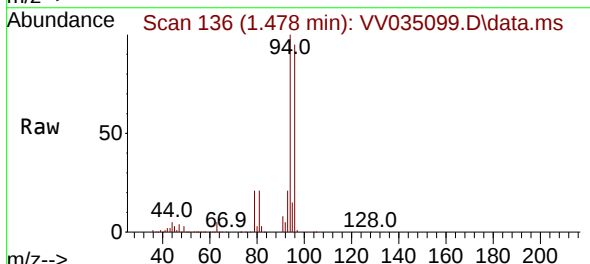
Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MSD

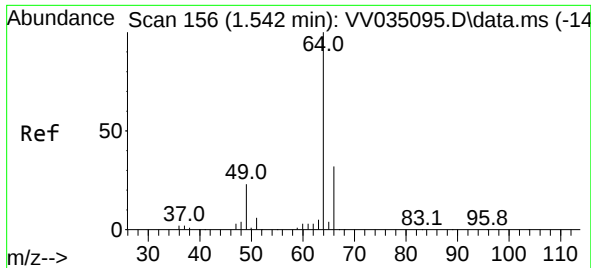
Tgt Ion: 62 Resp: 130887
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.6 43.8



#6
 Bromomethane
 Concen: 29.257 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. -0.010 min
 Lab File: VV035099.D
 Acq: 10 Apr 2024 11:16

Tgt Ion: 94 Resp: 63135
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.3 123.1

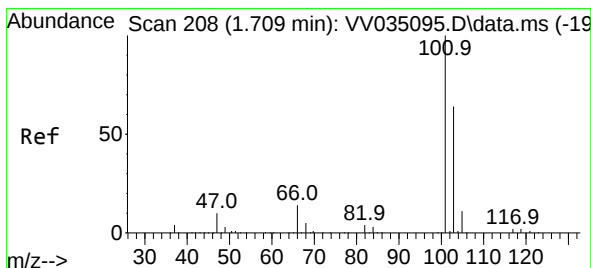
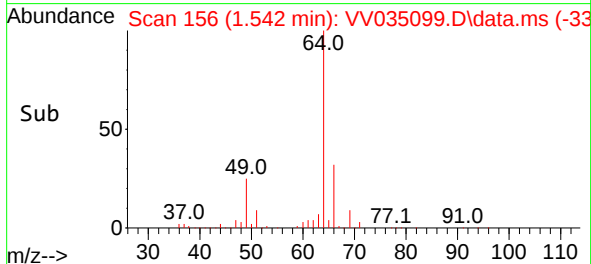
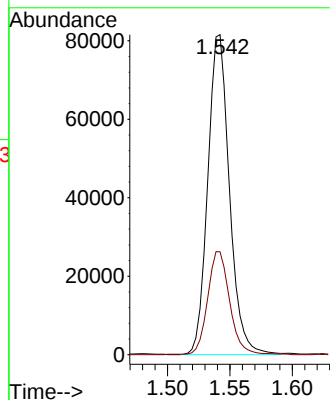
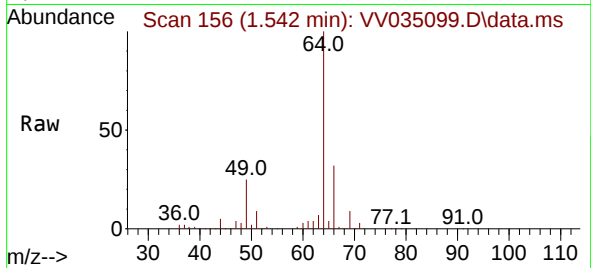




#8
Chloroethane
Concen: 50.213 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

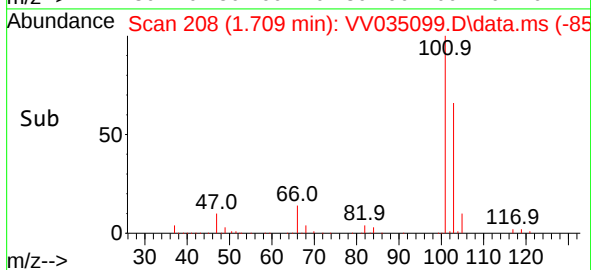
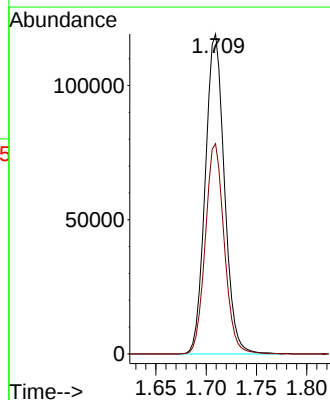
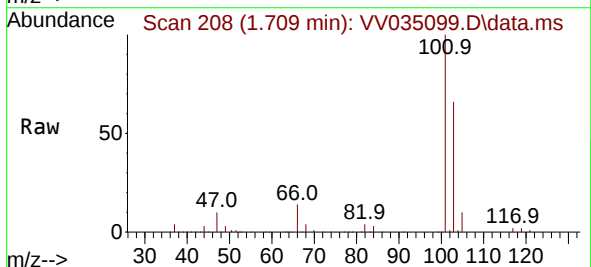
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

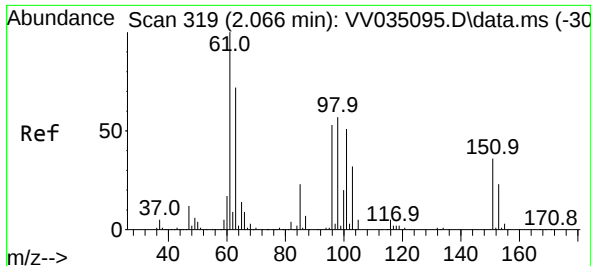
Tgt Ion: 64 Resp: 98726
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 41.771 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion:101 Resp: 157830
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

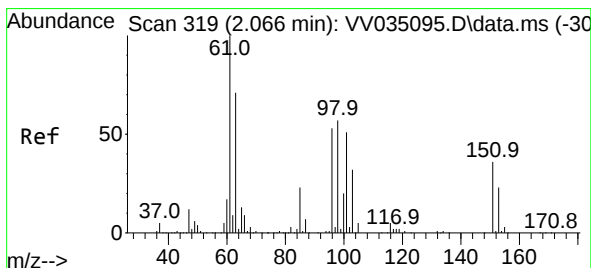
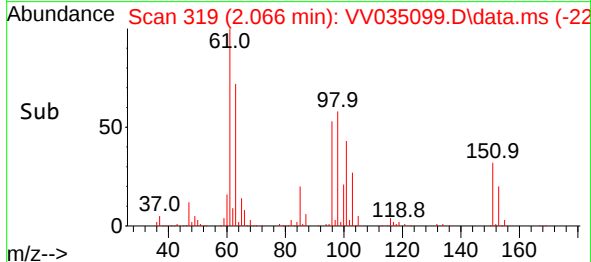
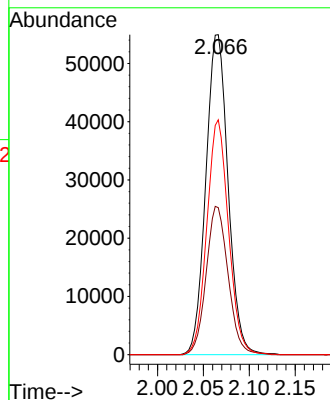
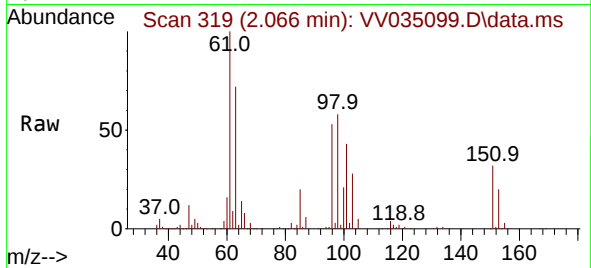




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.120 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV035099.D
 Acq: 10 Apr 2024 11:16

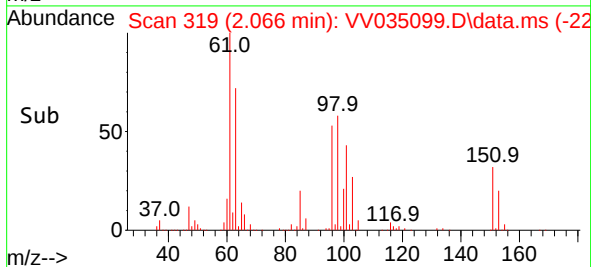
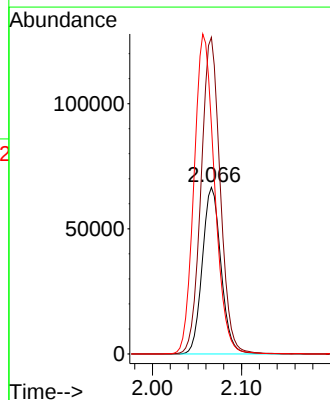
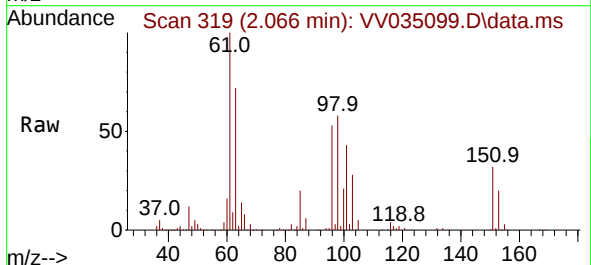
Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MSD

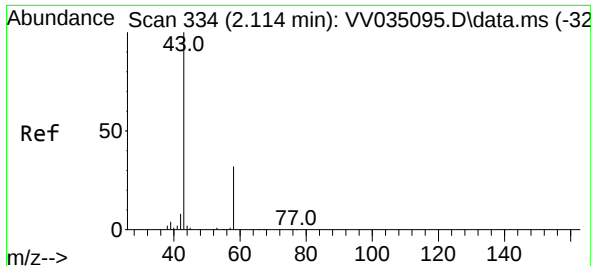
Tgt Ion: 101 Resp: 92786
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.3 52.9
 151 71.5 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 43.794 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV035099.D
 Acq: 10 Apr 2024 11:16

Tgt Ion: 96 Resp: 96868
 Ion Ratio Lower Upper
 96 100
 61 190.0 131.5 244.3
 63 137.6 111.4 206.8





#13

Acetone

Concen: 119.547 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

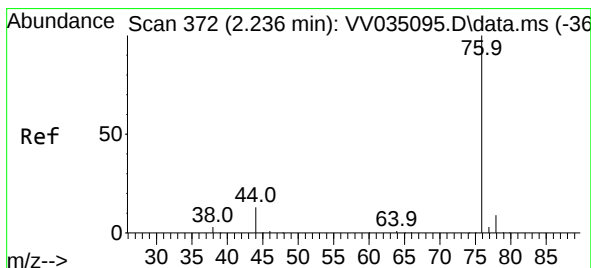
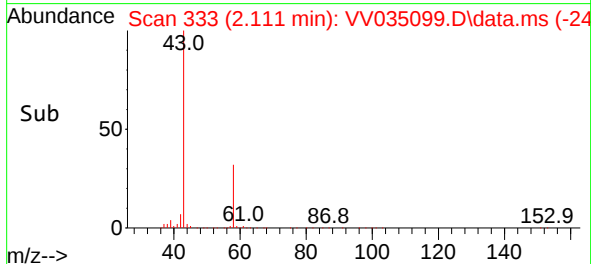
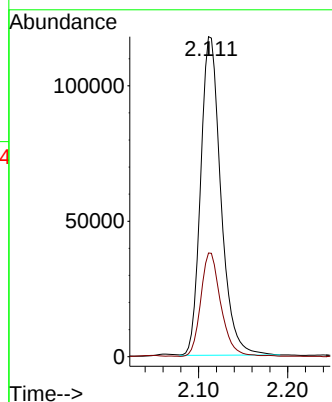
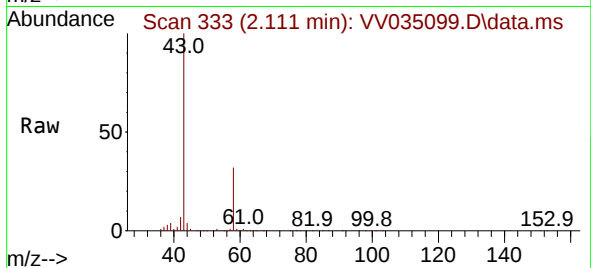
E0M17MSD

Tgt Ion: 43 Resp: 185272

Ion Ratio Lower Upper

43 100

58 32.2 0.0 66.0



#14

Carbon disulfide

Concen: 37.317 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035099.D

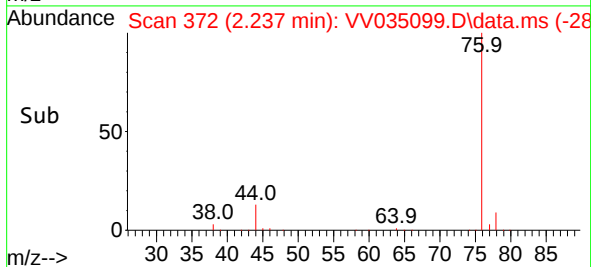
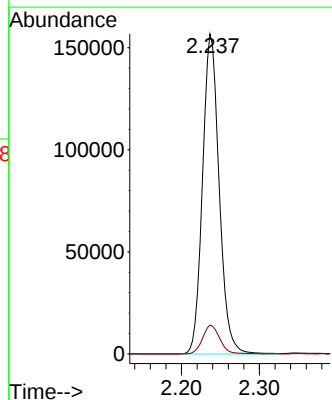
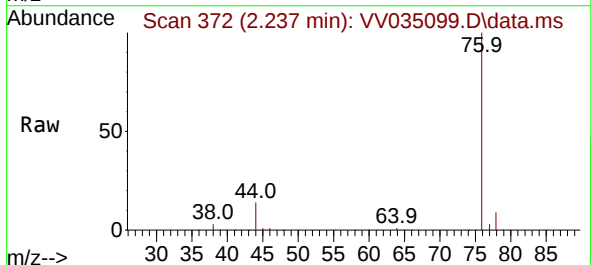
Acq: 10 Apr 2024 11:16

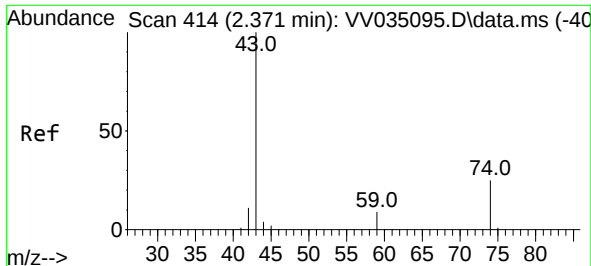
Tgt Ion: 76 Resp: 232448

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

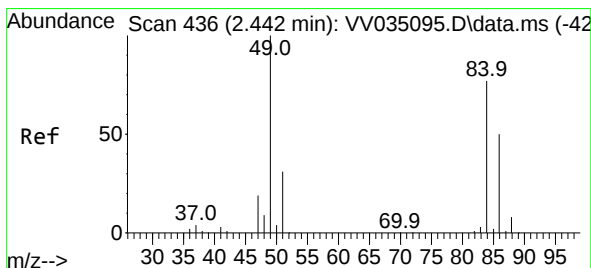
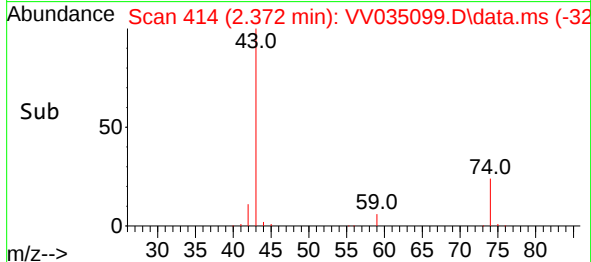
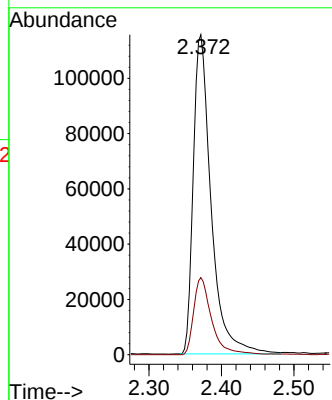
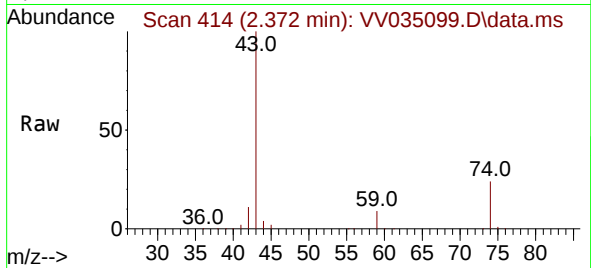




#15
Methyl Acetate
Concen: 80.955 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

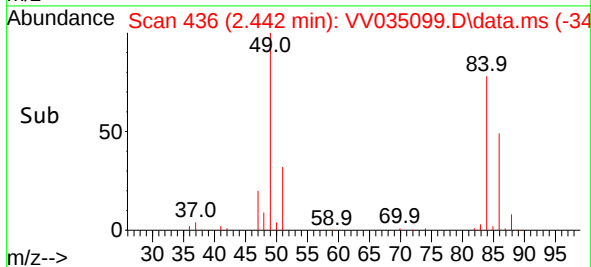
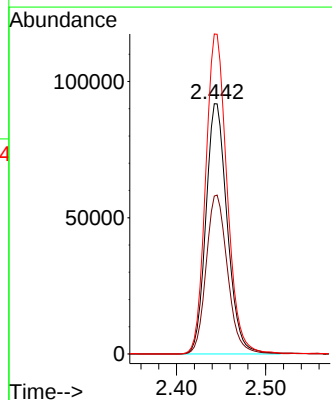
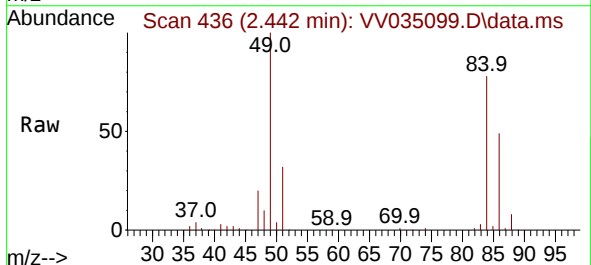
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

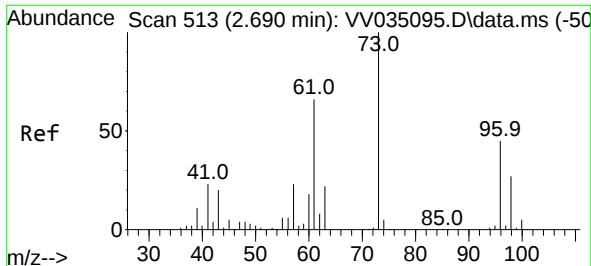
Tgt Ion: 43 Resp: 197712
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8



#16
Methylene chloride
Concen: 63.734 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 84 Resp: 152751
Ion Ratio Lower Upper
84 100
86 63.1 44.6 82.8
49 127.9 86.9 161.3

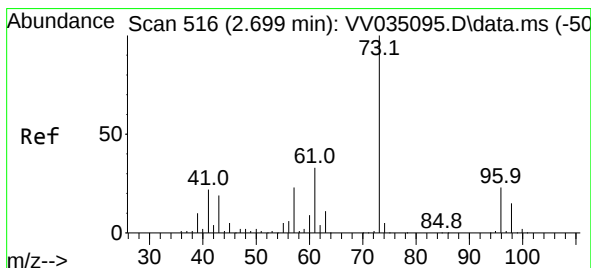
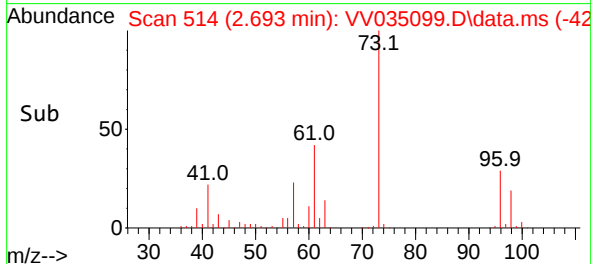
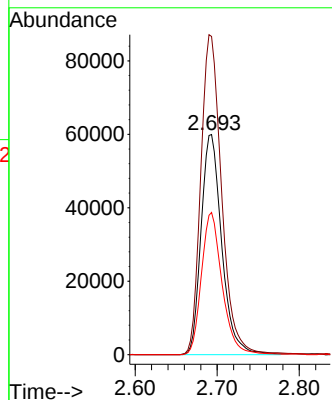
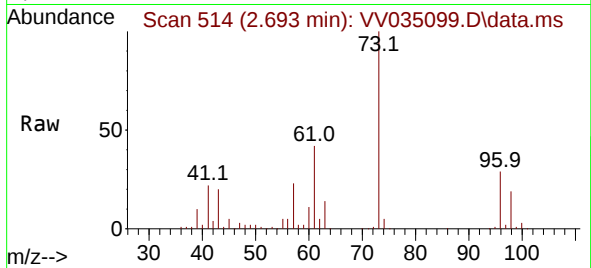




#17
trans-1,2-Dichloroethene
Concen: 49.029 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

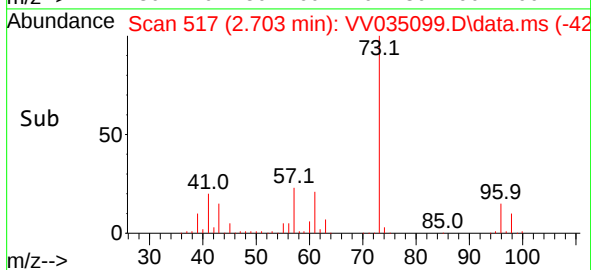
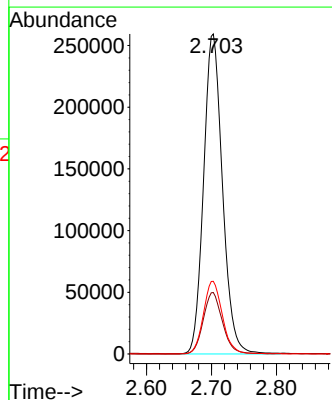
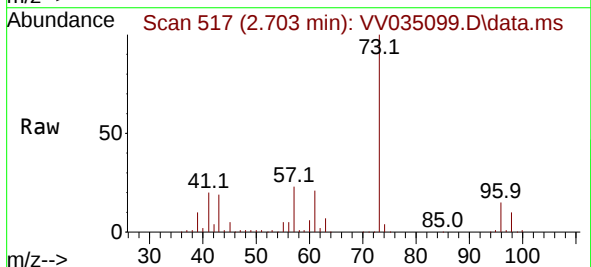
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

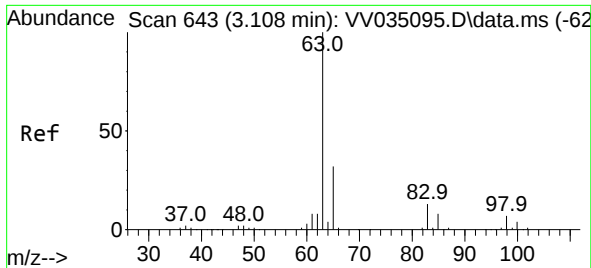
Tgt Ion: 96 Resp: 104849
Ion Ratio Lower Upper
96 100
61 144.5 99.0 183.8
98 64.6 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 69.883 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 73 Resp: 524914
Ion Ratio Lower Upper
73 100
43 19.3 14.6 21.8
57 22.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 62.025 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

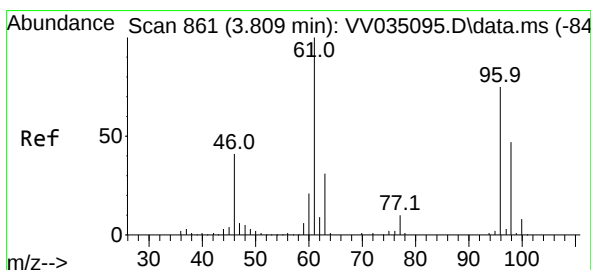
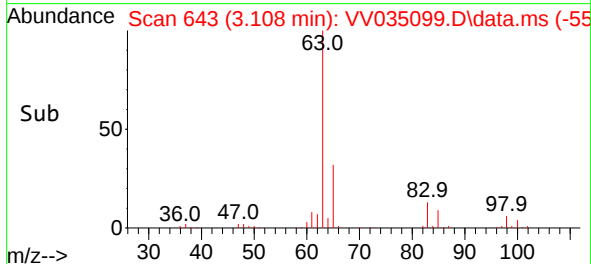
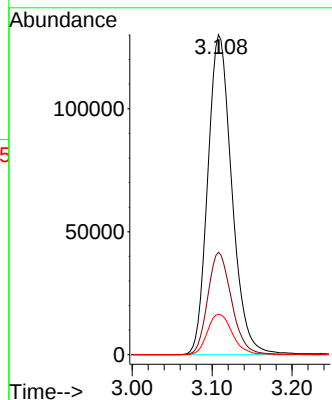
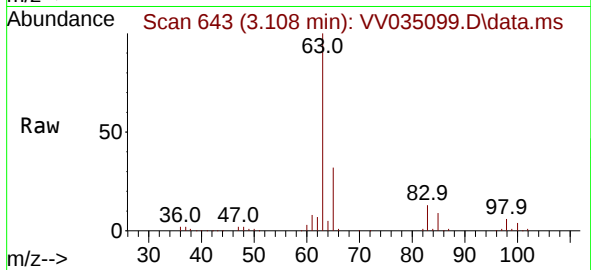
Tgt Ion: 63 Resp: 272003

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.6

83 12.6 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 58.178 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

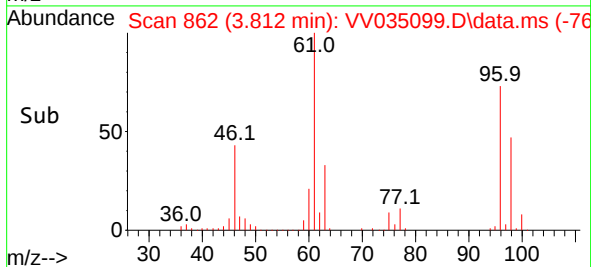
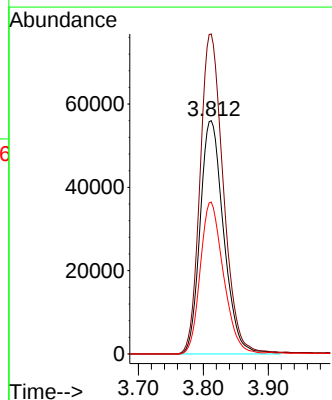
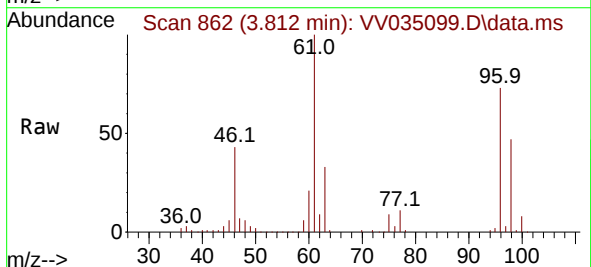
Tgt Ion: 96 Resp: 141279

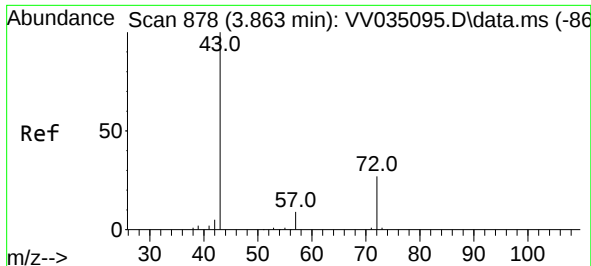
Ion Ratio Lower Upper

96 100

61 137.2 94.9 176.3

98 65.1 45.6 84.8

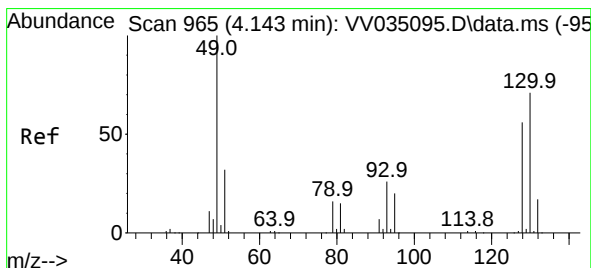
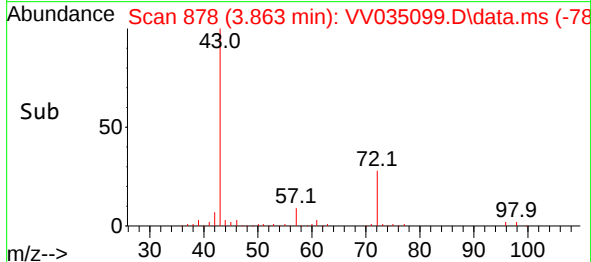
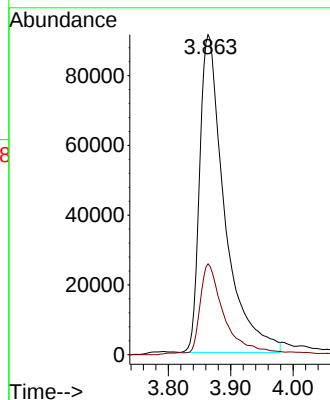
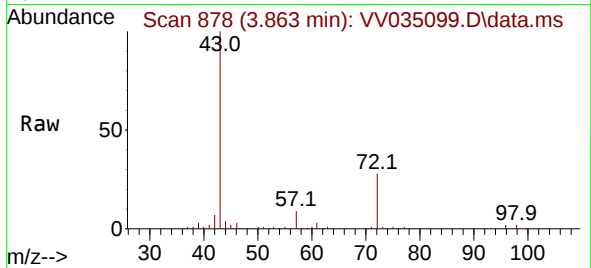




#22
2-Butanone
Concen: 140.589 ug/L
RT: 3.863 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

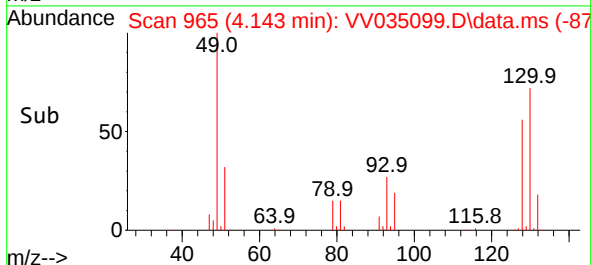
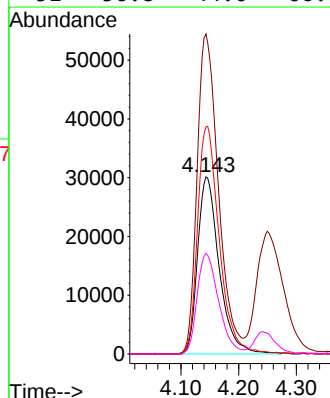
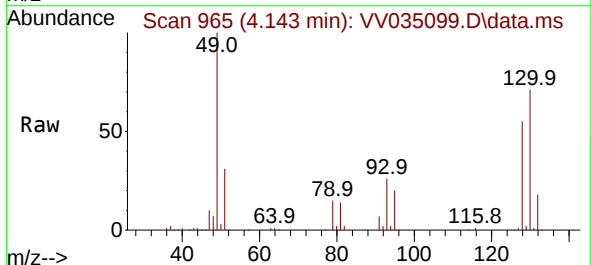
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

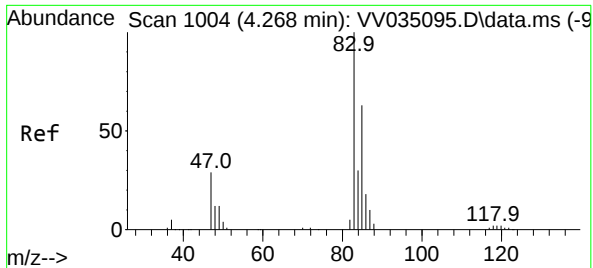
Tgt Ion: 43 Resp: 252830
Ion Ratio Lower Upper
43 100
72 25.4 13.2 39.6



#23
Bromochloromethane
Concen: 64.312 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion:128 Resp: 78137
Ion Ratio Lower Upper
128 100
49 180.7 123.8 229.8
130 128.3 93.2 173.0
51 56.8 44.0 66.0

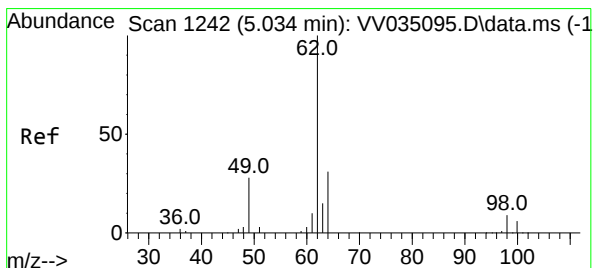
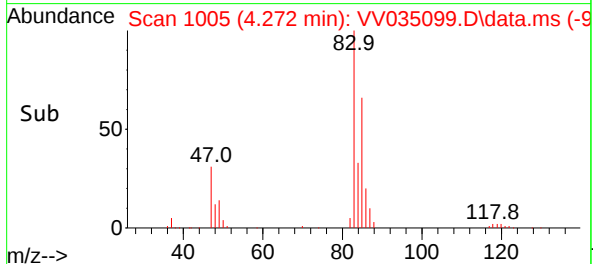
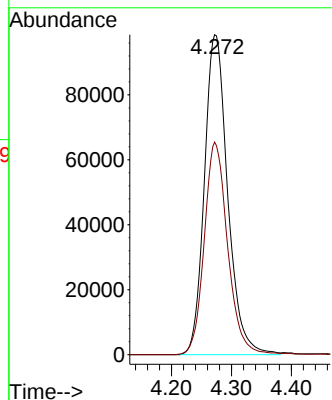
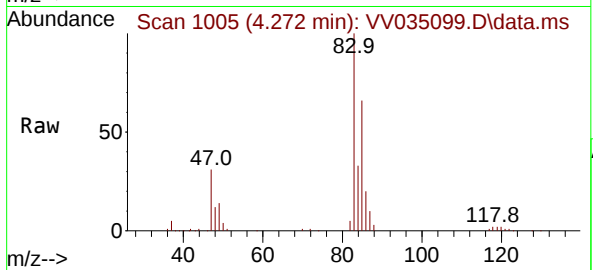




#25
Chloroform
Concen: 61.546 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

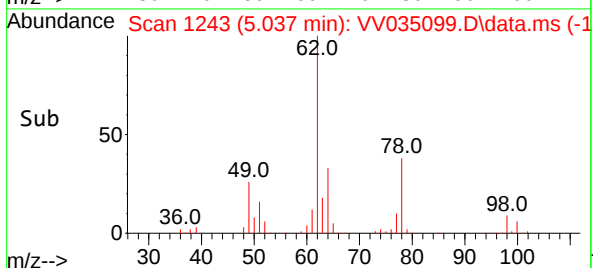
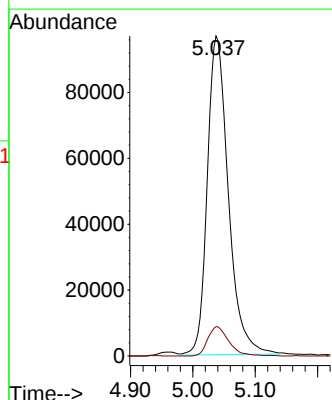
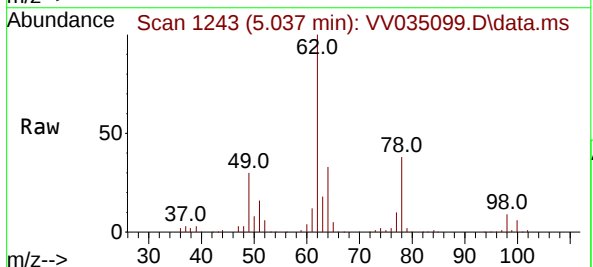
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

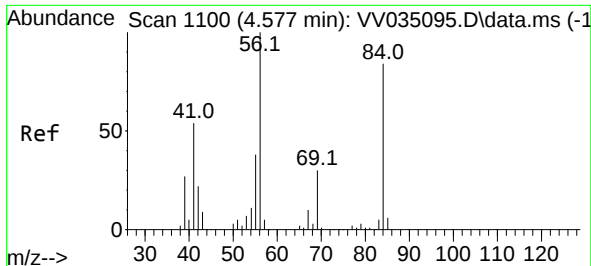
Tgt Ion: 83 Resp: 266846
Ion Ratio Lower Upper
83 100
85 66.4 46.0 85.4



#27
1,2-Dichloroethane
Concen: 65.905 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 62 Resp: 227509
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 39.274 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

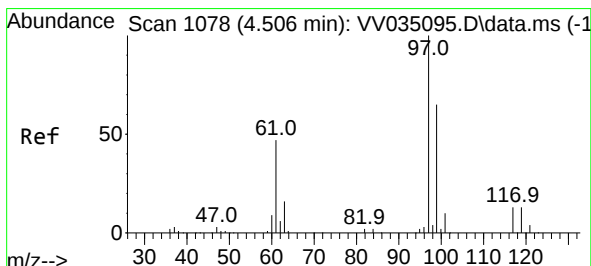
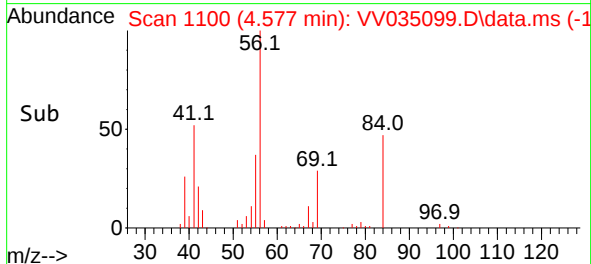
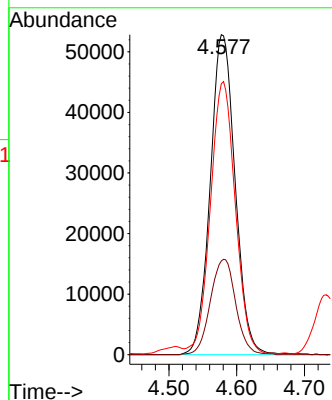
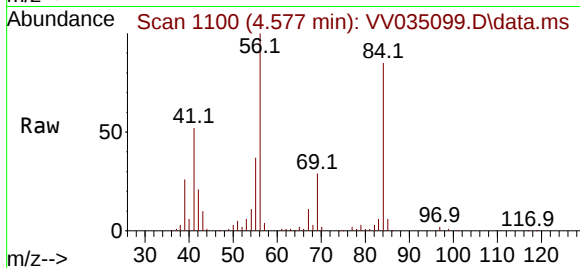
Tgt Ion: 56 Resp: 134759

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 85.2 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.716 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

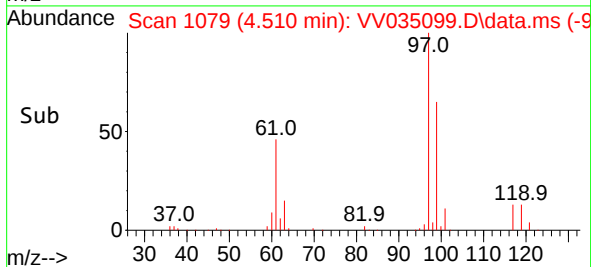
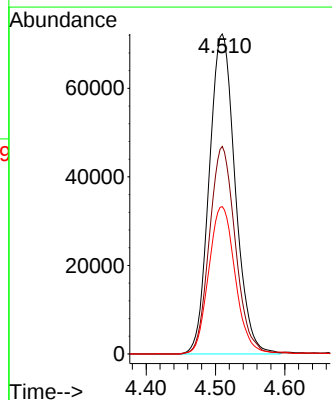
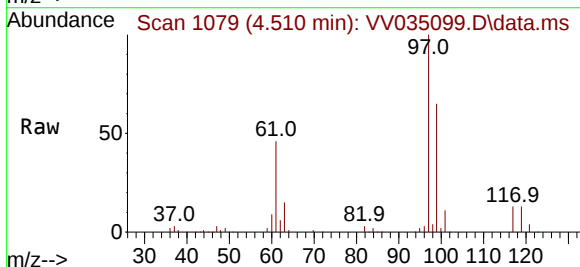
Tgt Ion: 97 Resp: 188251

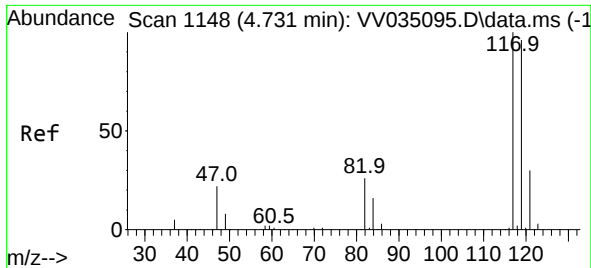
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 46.9 36.8 55.2

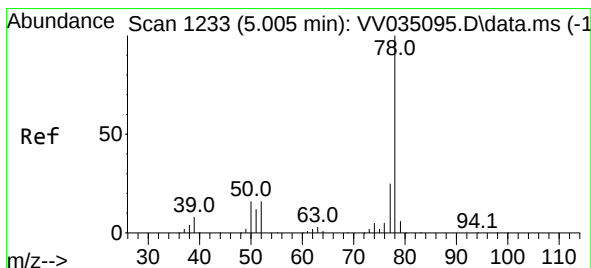
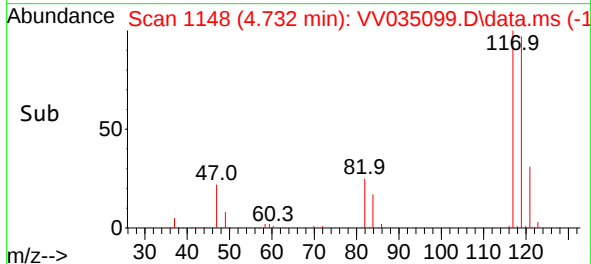
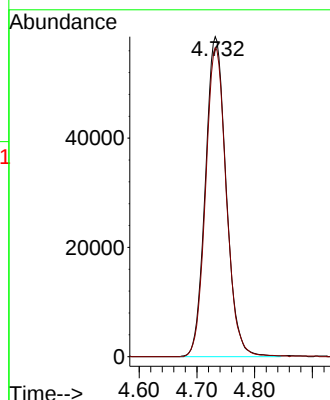
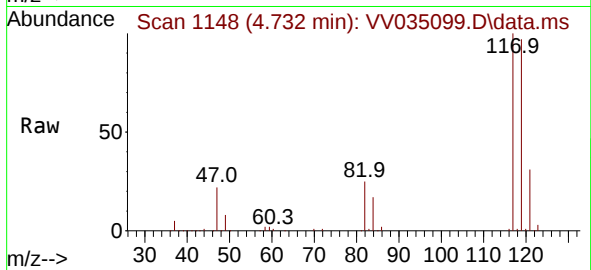




#31
Carbon tetrachloride
Concen: 48.366 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

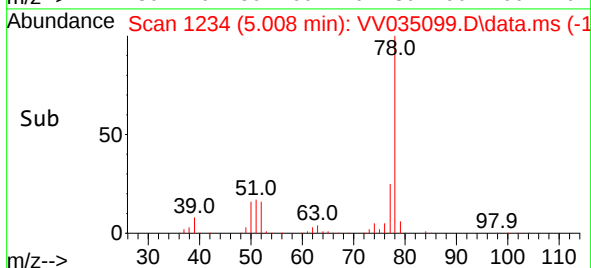
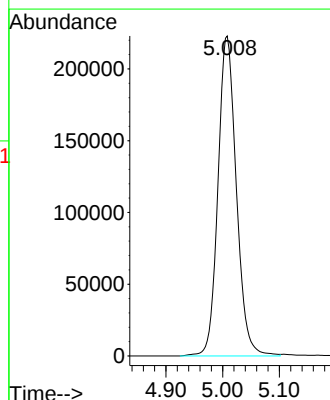
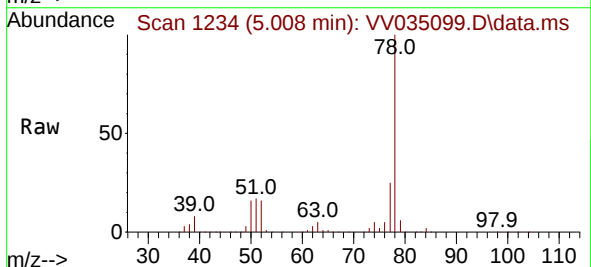
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

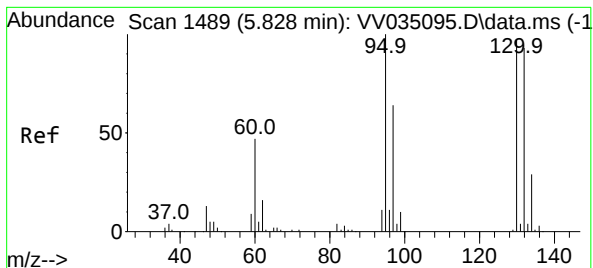
Tgt Ion:117 Resp: 146392
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 56.212 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 78 Resp: 502161





#34

Trichloroethene

Concen: 48.441 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

Tgt Ion: 95 Resp: 116788

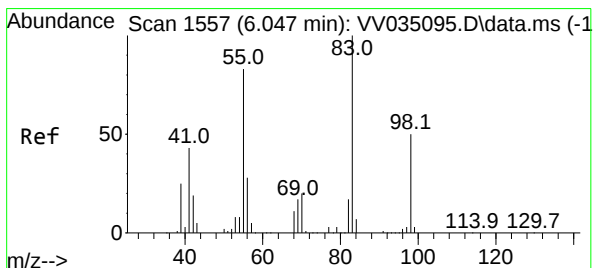
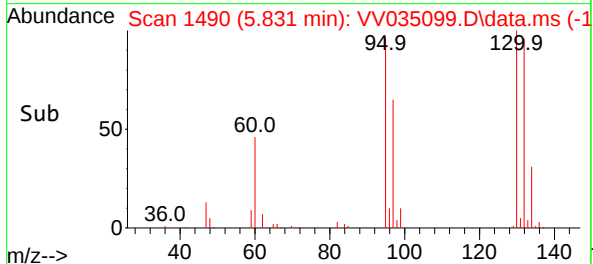
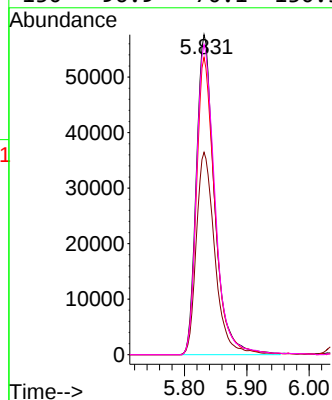
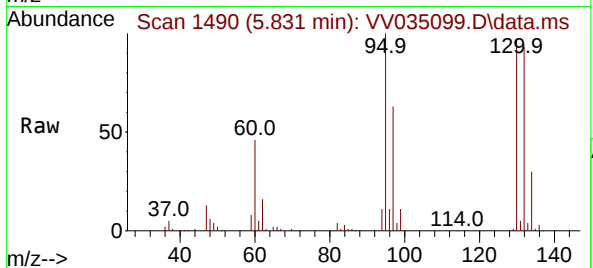
Ion Ratio Lower Upper

95 100

97 63.3 45.3 84.1

132 92.9 65.3 121.3

130 96.9 70.1 130.3



#35

Methylcyclohexane

Concen: 38.249 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

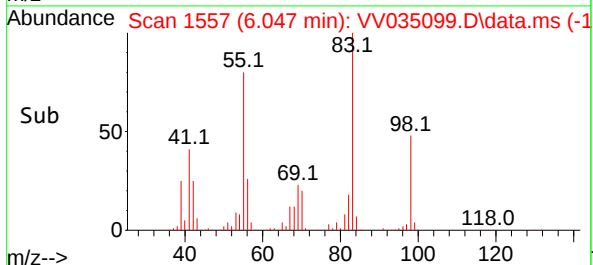
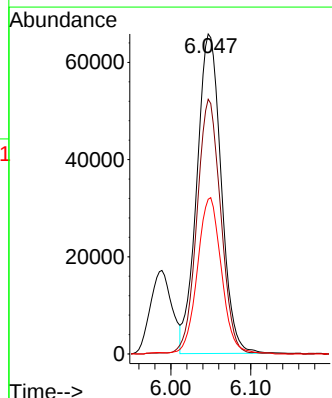
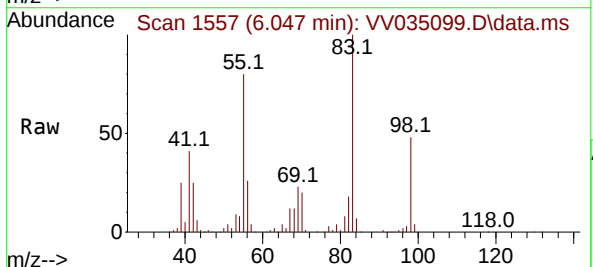
Tgt Ion: 83 Resp: 139266

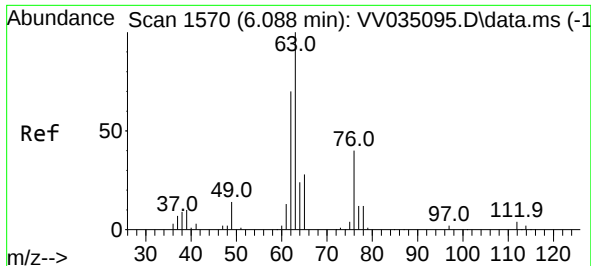
Ion Ratio Lower Upper

83 100

55 78.1 60.0 90.0

98 47.8 37.6 56.4





#37

1,2-Dichloropropane

Concen: 65.266 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

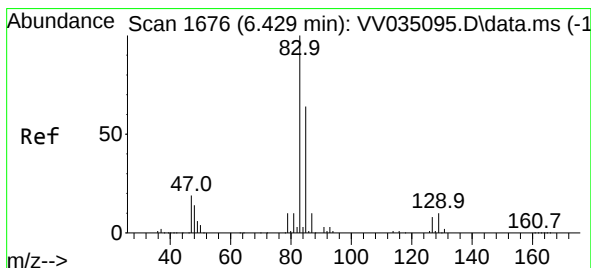
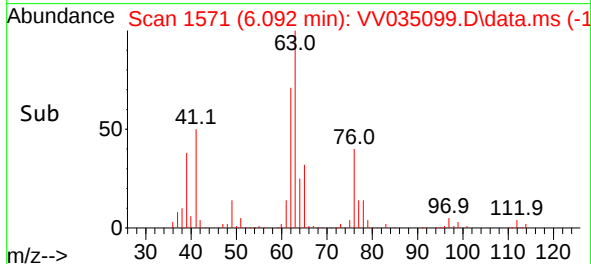
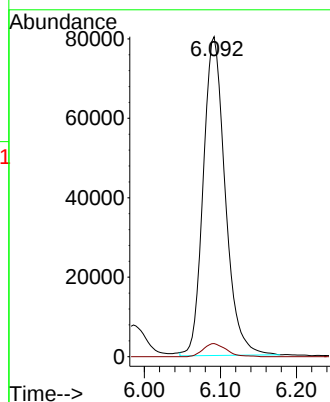
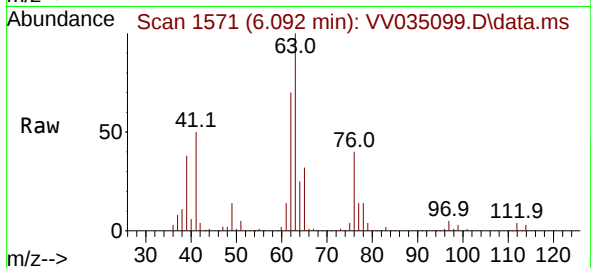
E0M17MSD

Tgt Ion: 63 Resp: 161126

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 65.068 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

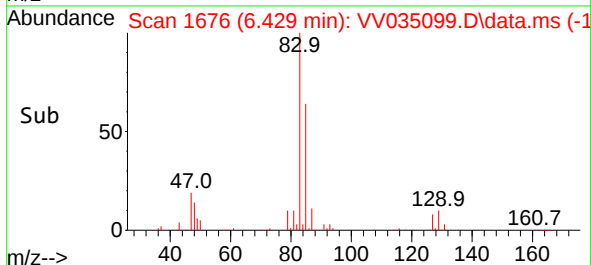
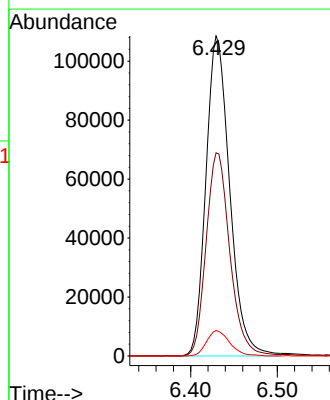
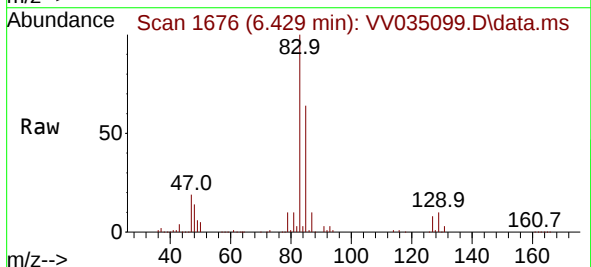
Tgt Ion: 83 Resp: 207262

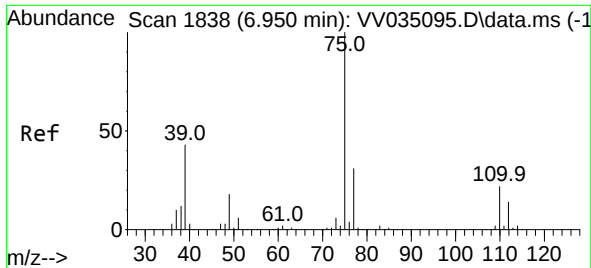
Ion Ratio Lower Upper

83 100

85 63.5 43.7 81.1

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 55.226 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

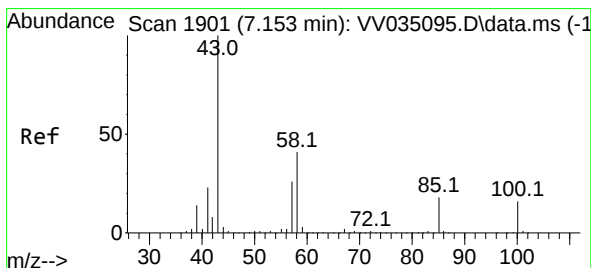
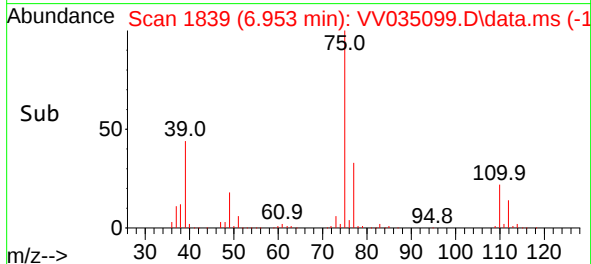
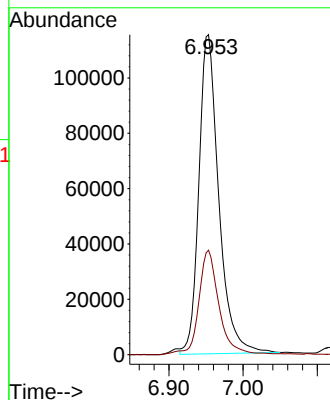
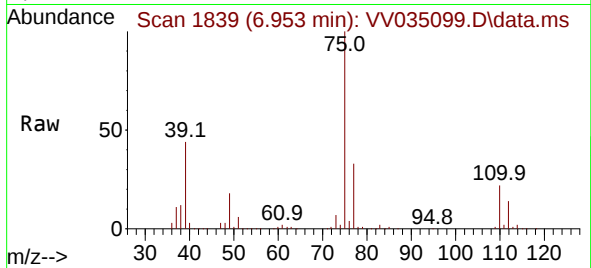
E0M17MSD

Tgt Ion: 75 Resp: 214781

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 166.495 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

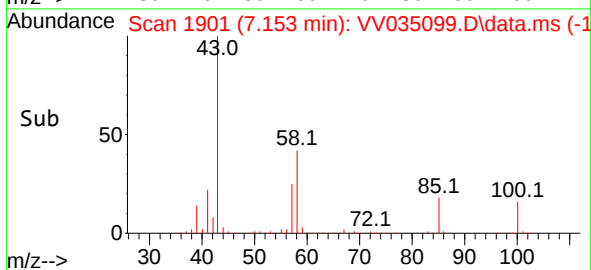
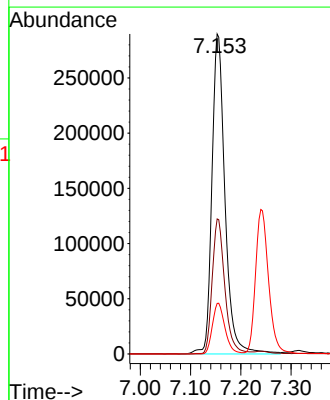
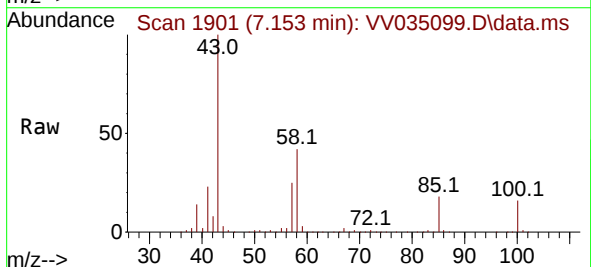
Tgt Ion: 43 Resp: 524799

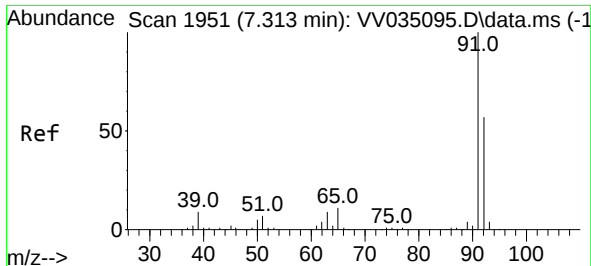
Ion Ratio Lower Upper

43 100

58 40.4 33.8 50.8

100 15.2 13.0 19.4





#42

Toluene

Concen: 50.905 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

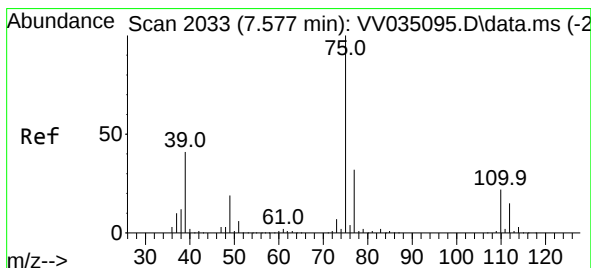
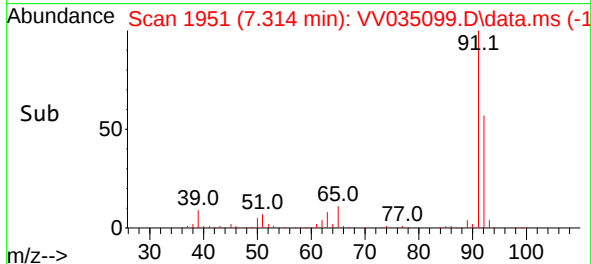
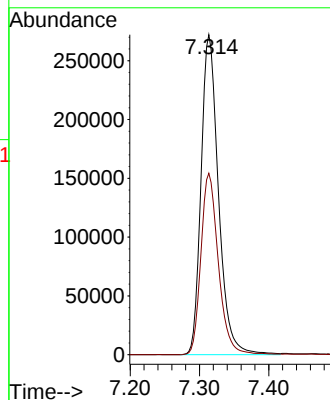
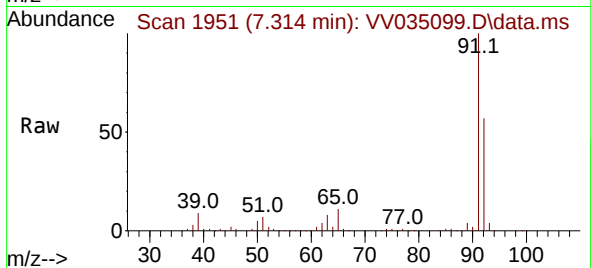
E0M17MSD

Tgt Ion: 91 Resp: 476097

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 60.320 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035099.D

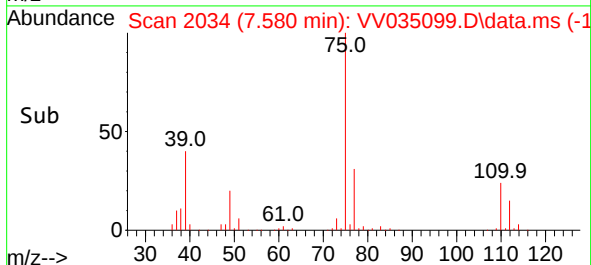
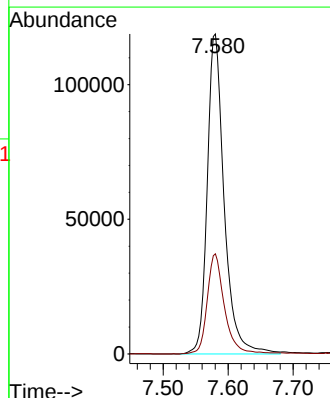
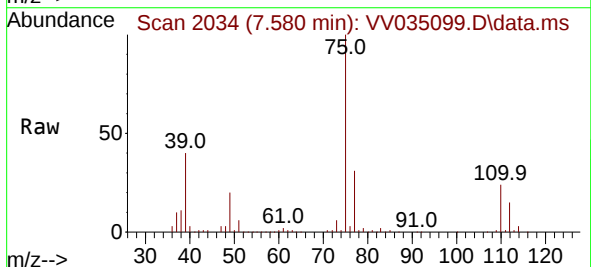
Acq: 10 Apr 2024 11:16

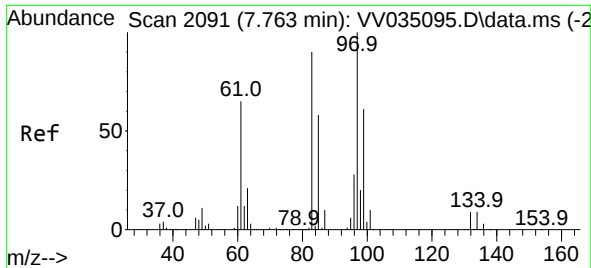
Tgt Ion: 75 Resp: 215521

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



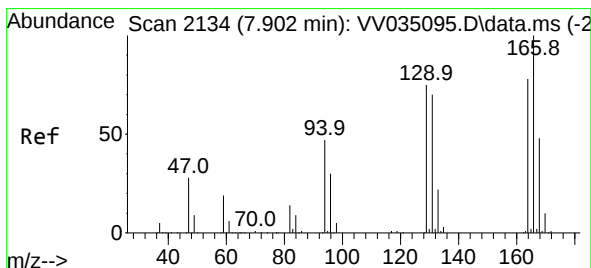
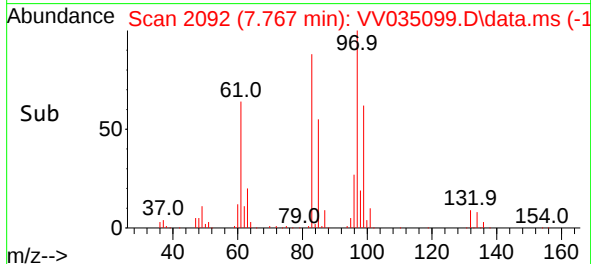
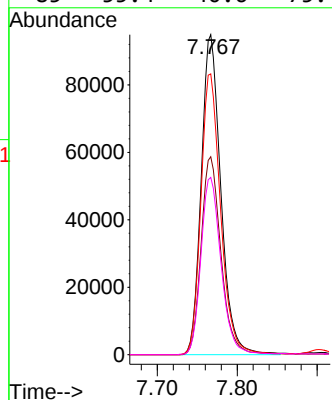
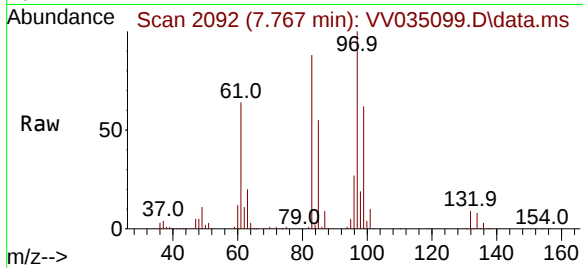


#45
1,1,2-Trichloroethane
Concen: 69.729 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

Tgt Ion: 97 Resp: 162253

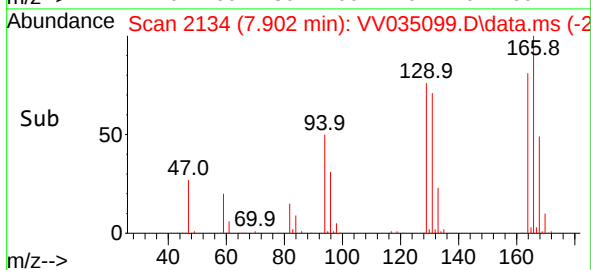
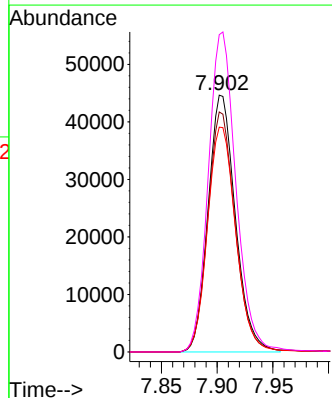
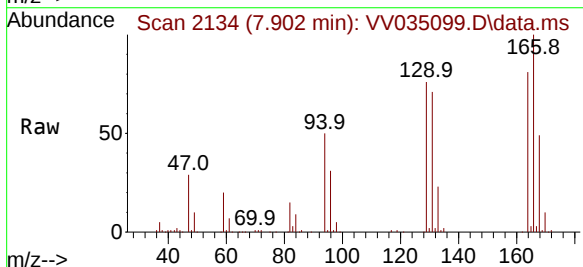
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	87.8	61.6	114.4
85	55.4	40.6	75.4

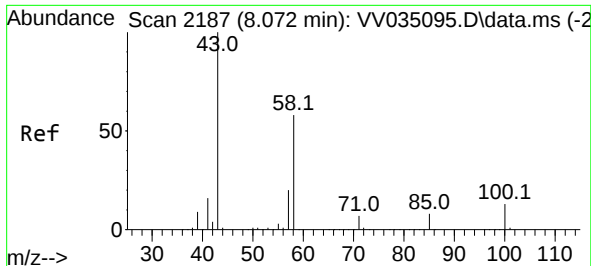


#46
Tetrachloroethene
Concen: 45.236 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 164 Resp: 76194

Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.6	127.4
131	87.6	65.7	122.1
166	123.6	89.0	165.2

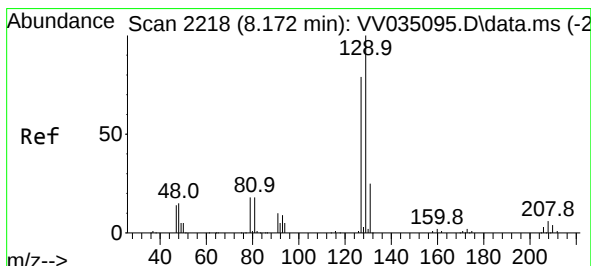
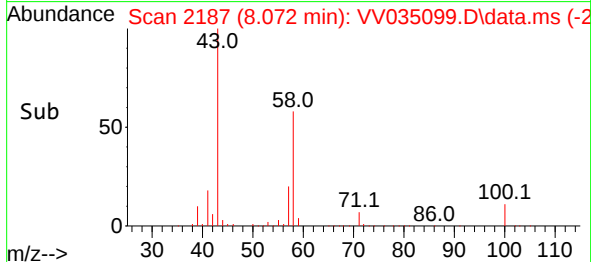
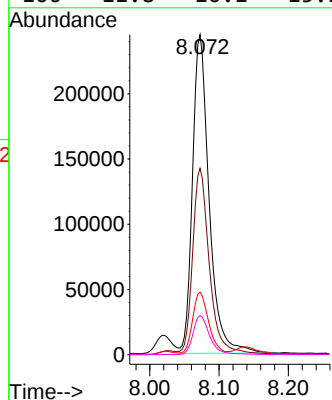
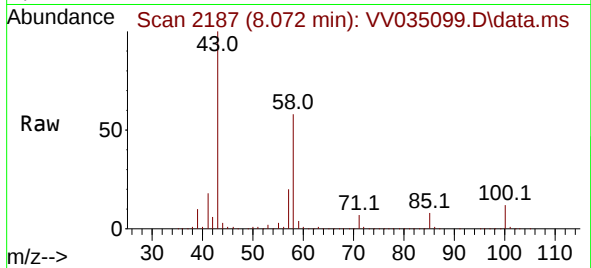




#48
2-Hexanone
Concen: 152.493 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

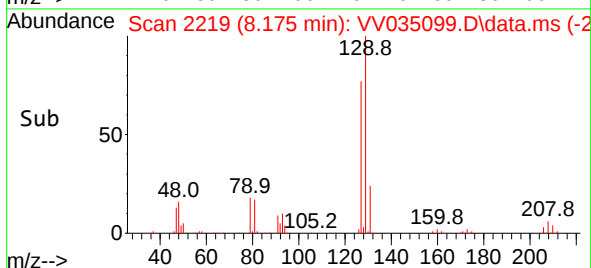
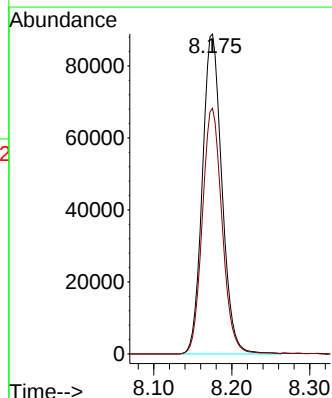
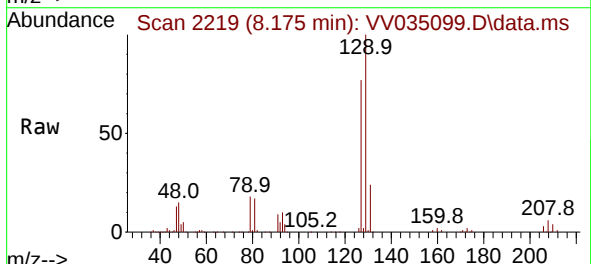
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

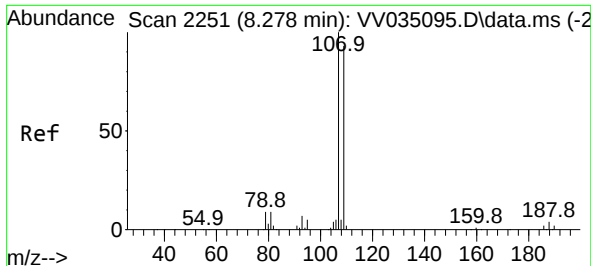
Tgt Ion: 43 Resp: 408811
Ion Ratio Lower Upper
43 100
58 58.7 45.4 68.2
57 18.9 16.2 24.4
100 11.8 10.1 15.1



#49
Dibromochloromethane
Concen: 67.161 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 129 Resp: 154783
Ion Ratio Lower Upper
129 100
127 76.8 54.1 100.5

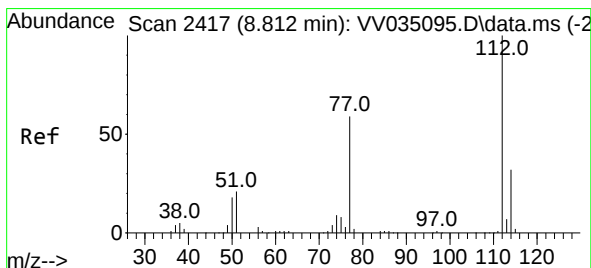
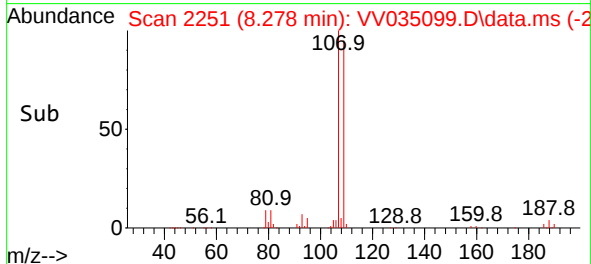
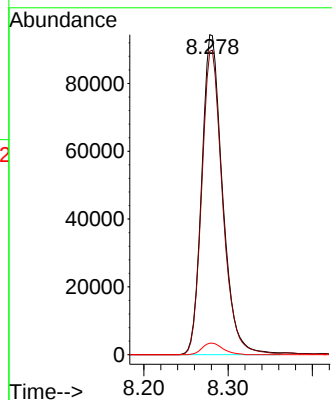
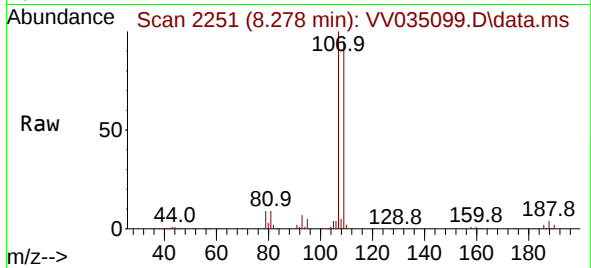




#50
1,2-Dibromoethane
Concen: 64.895 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

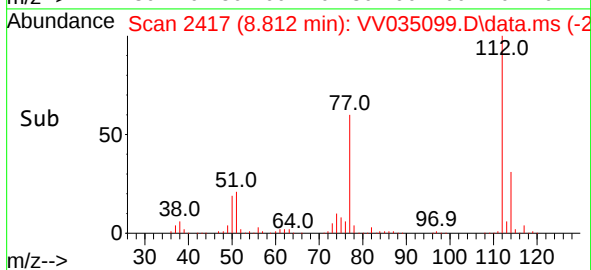
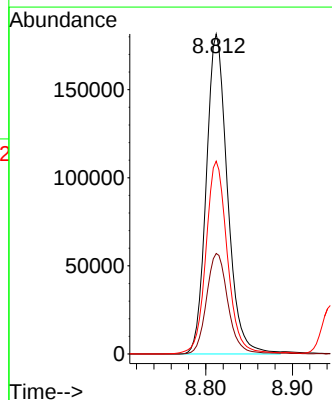
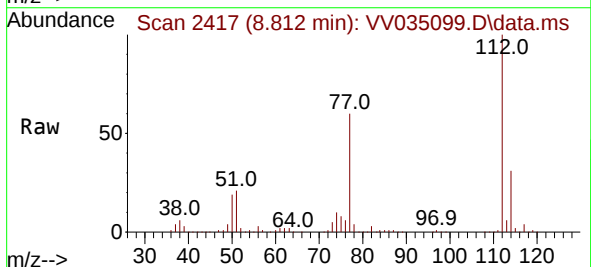
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

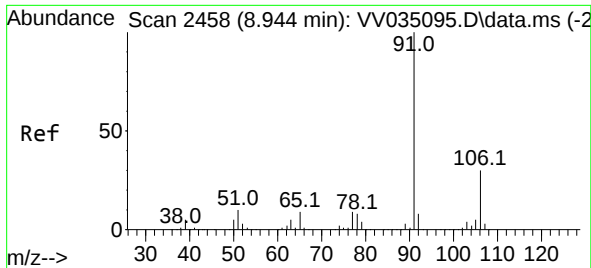
Tgt Ion:107 Resp: 162575
Ion Ratio Lower Upper
107 100
109 94.8 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 50.842 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion:112 Resp: 308185
Ion Ratio Lower Upper
112 100
114 31.4 22.0 41.0
77 60.3 47.4 71.2

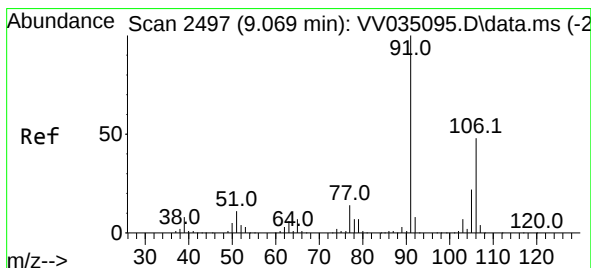
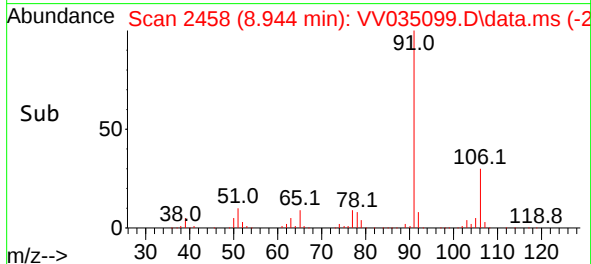
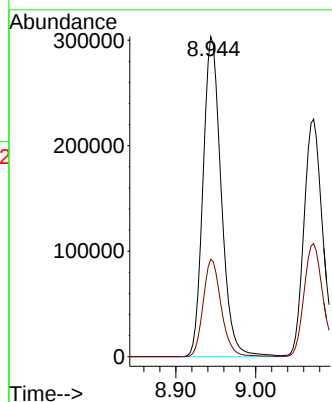
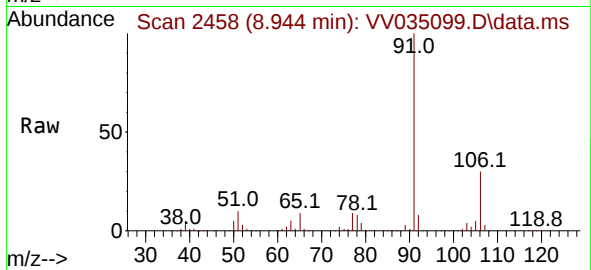




#52
Ethylbenzene
Concen: 46.365 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

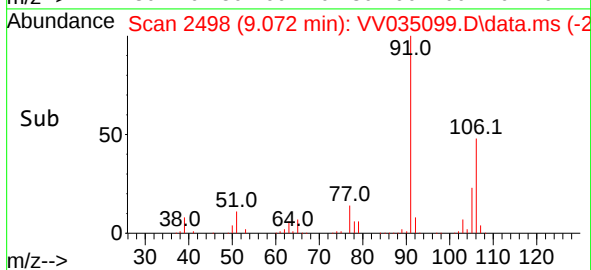
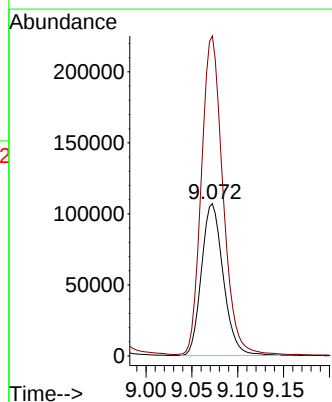
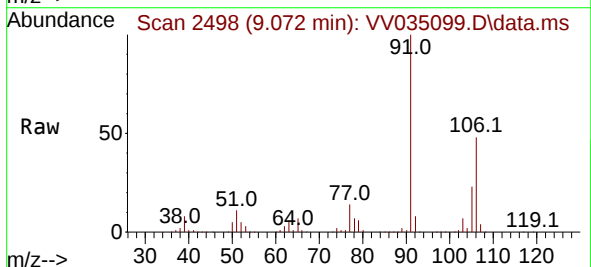
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

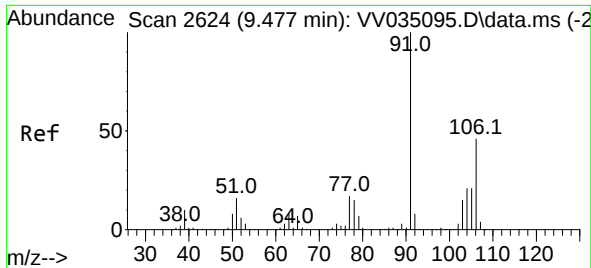
Tgt Ion: 91 Resp: 480597
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 46.338 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 106 Resp: 176884
Ion Ratio Lower Upper
106 100
91 210.2 144.8 269.0

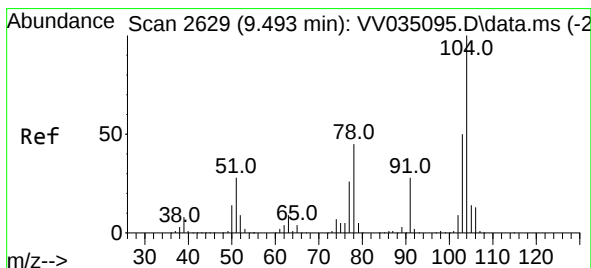
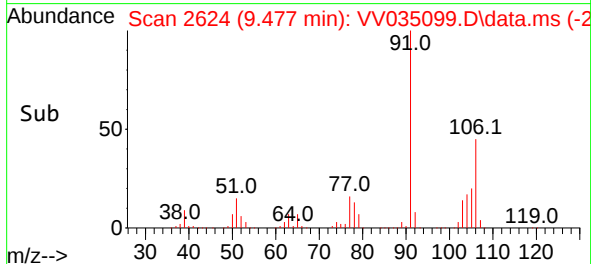
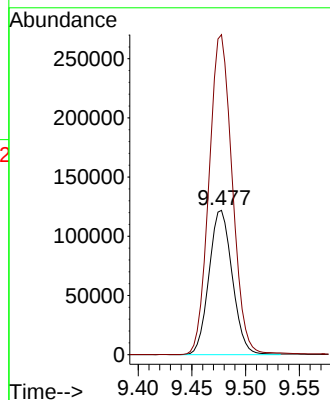
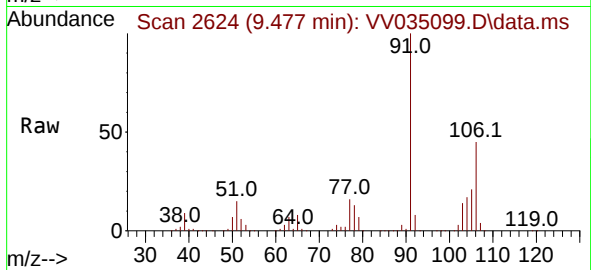




#54
o-Xylene
Concen: 48.699 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

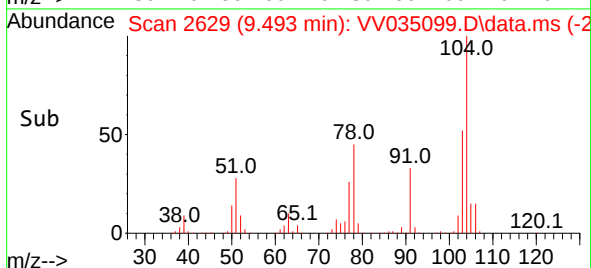
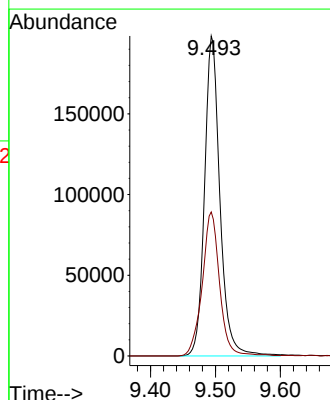
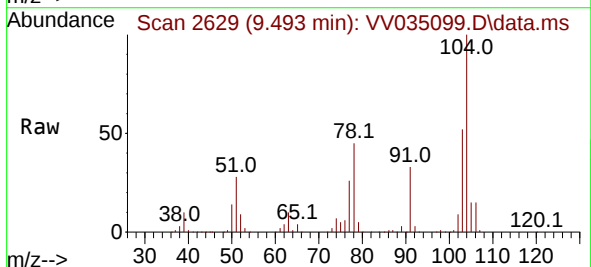
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

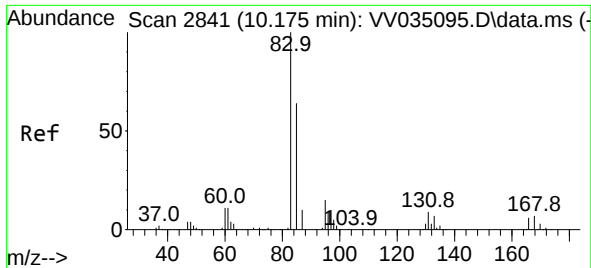
Tgt Ion:106 Resp: 183933
Ion Ratio Lower Upper
106 100
91 221.7 151.3 280.9



#55
Styrene
Concen: 51.335 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion:104 Resp: 327647
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5

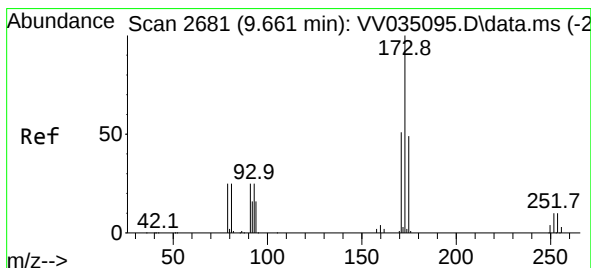
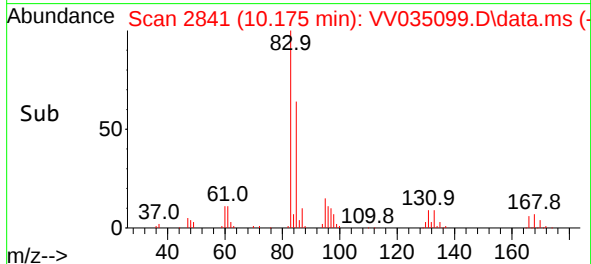
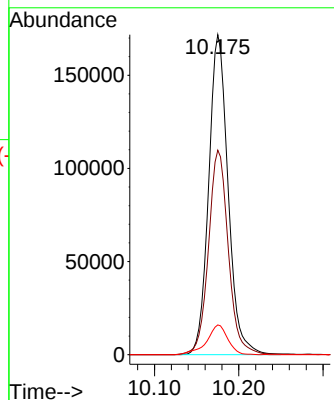
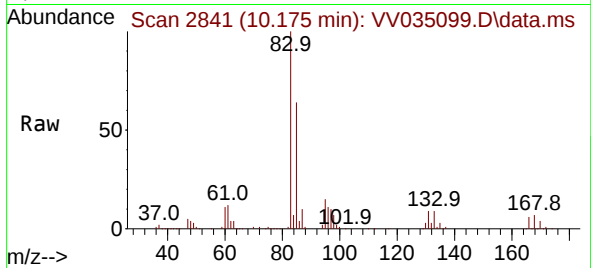




#57
1,1,2,2-Tetrachloroethane
Concen: 72.940 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

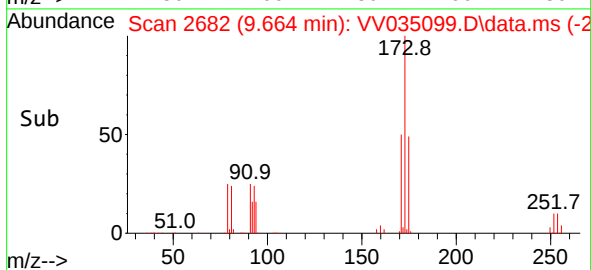
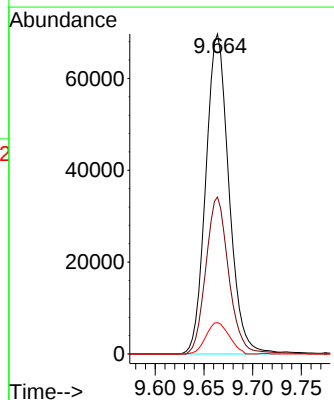
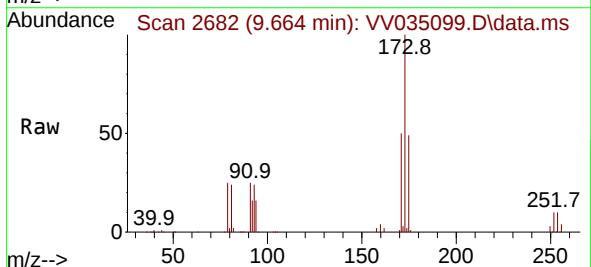
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

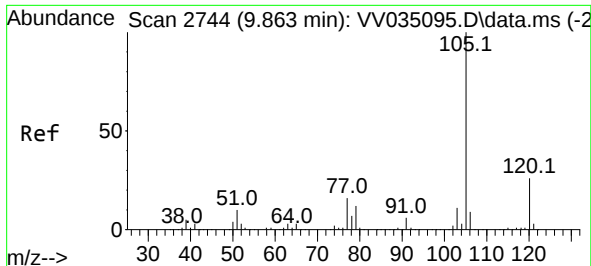
Tgt Ion: 83 Resp: 274996
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7
131 9.3 6.9 10.3



#59
Bromoform
Concen: 76.022 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 173 Resp: 115189
Ion Ratio Lower Upper
173 100
175 48.6 39.3 58.9
254 9.8 7.5 11.3

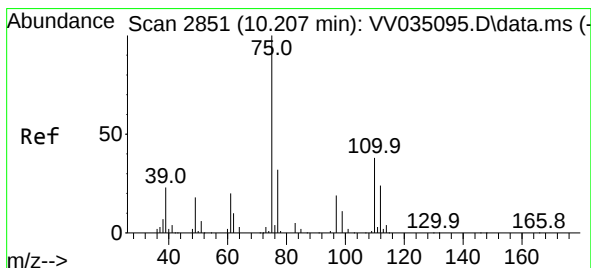
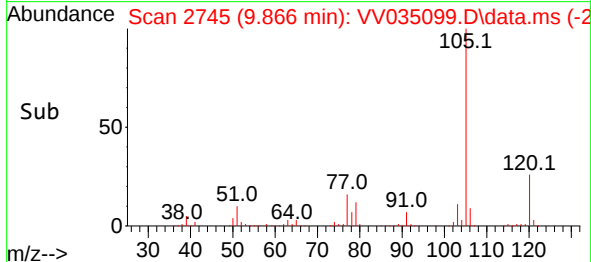
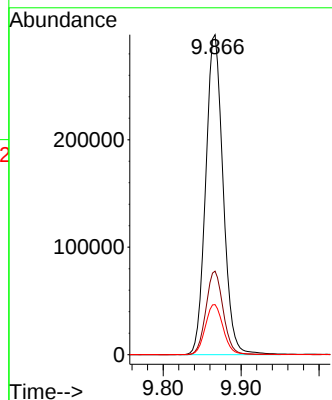
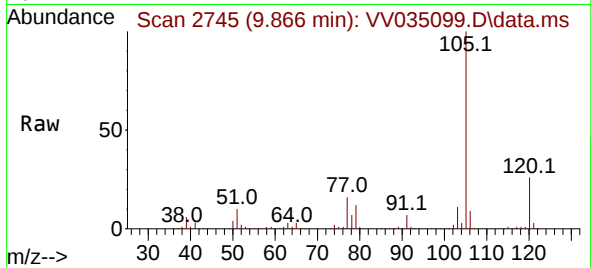




#60
Isopropylbenzene
Concen: 48.380 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

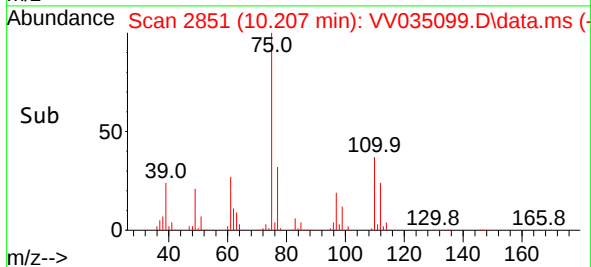
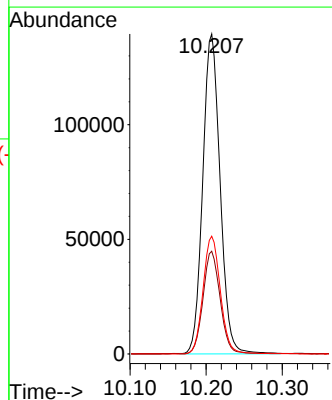
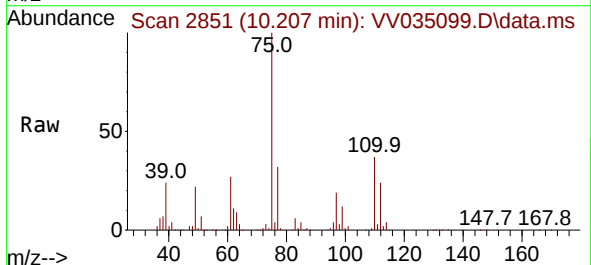
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

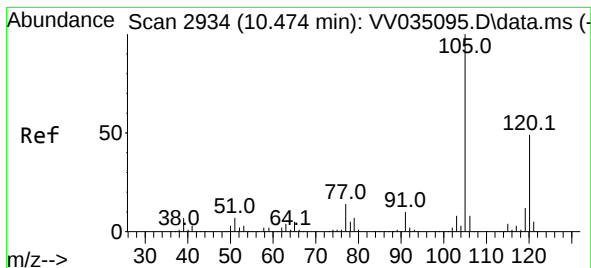
Tgt Ion:105 Resp: 461154
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.0 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 77.138 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion: 75 Resp: 221008
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
110 36.7 30.5 45.7

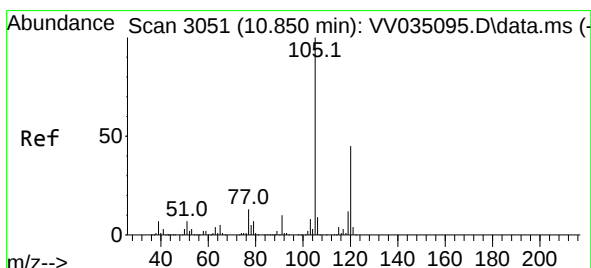
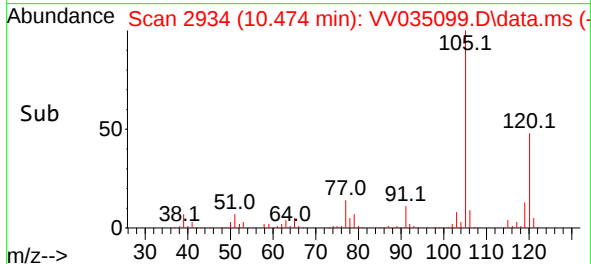
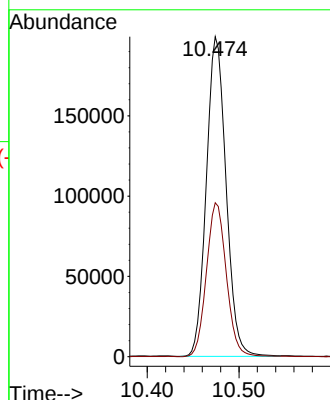
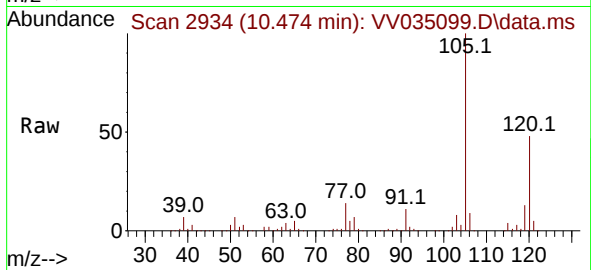




#62
1,3,5-Trimethylbenzene
Concen: 48.125 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

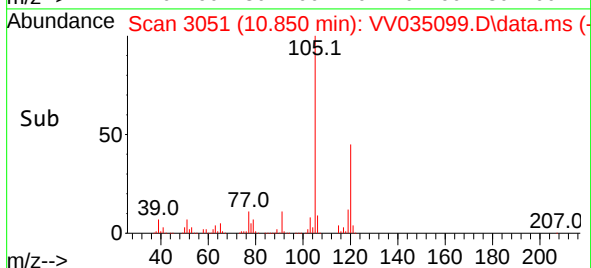
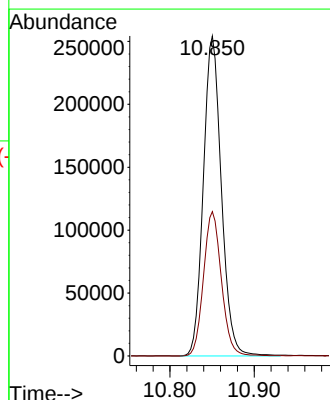
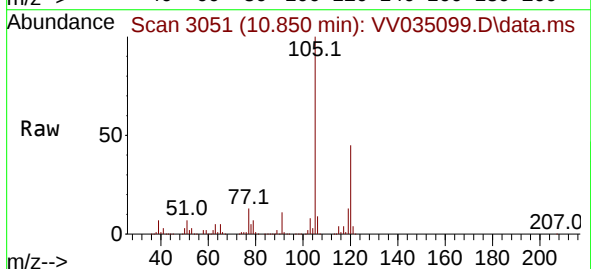
Instrument :
MSVOA_V
ClientSampleId :
E0M17MSD

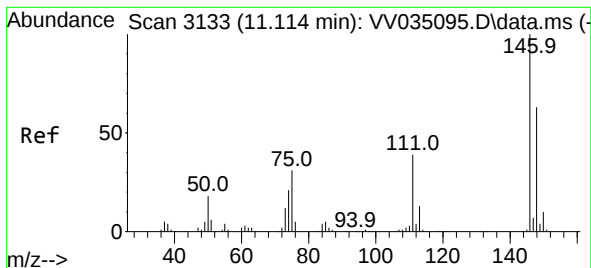
Tgt Ion:105 Resp: 297918
Ion Ratio Lower Upper
105 100
120 48.6 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 49.544 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035099.D
Acq: 10 Apr 2024 11:16

Tgt Ion:105 Resp: 379197
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 51.098 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

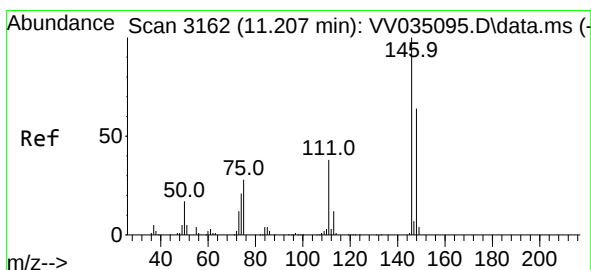
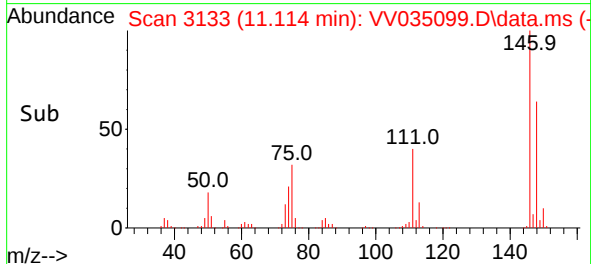
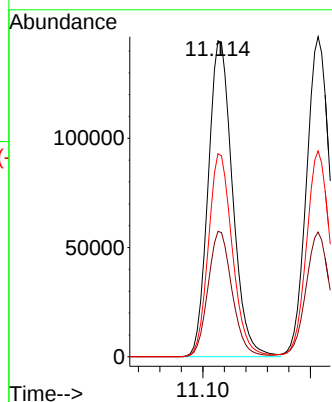
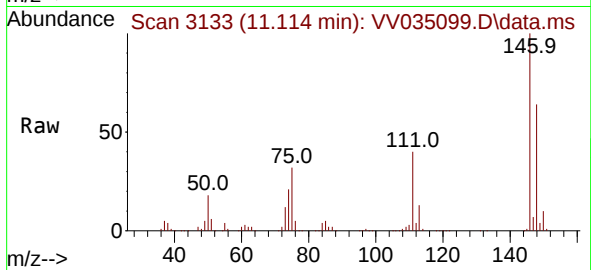
Tgt Ion:146 Resp: 227613

Ion Ratio Lower Upper

146 100

111 39.6 28.7 53.3

148 64.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 51.080 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

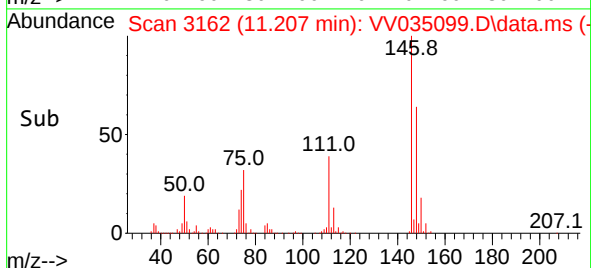
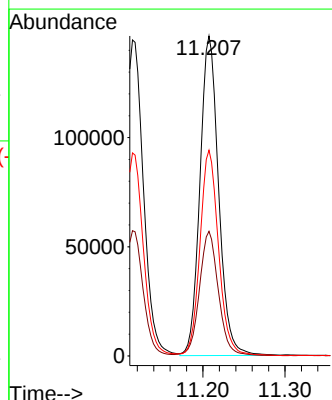
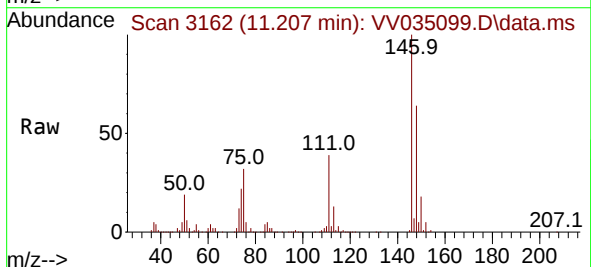
Tgt Ion:146 Resp: 231384

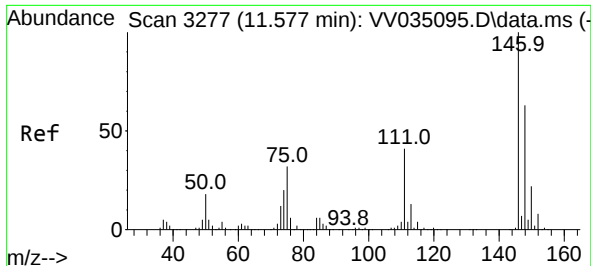
Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 64.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 55.501 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

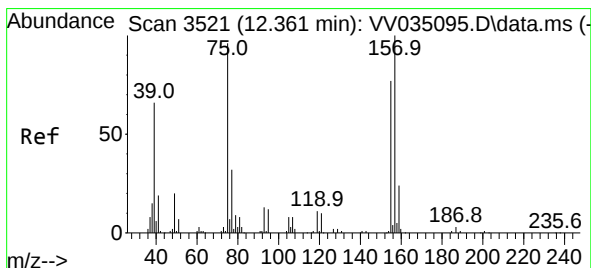
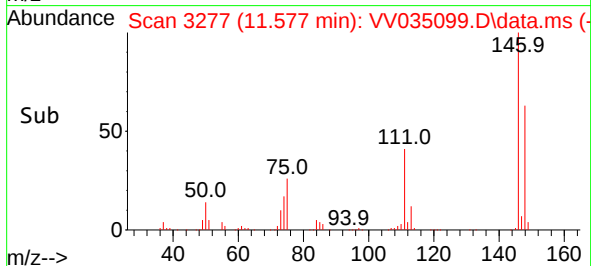
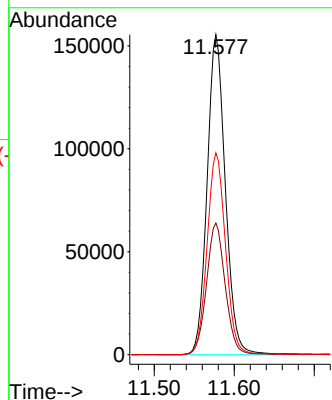
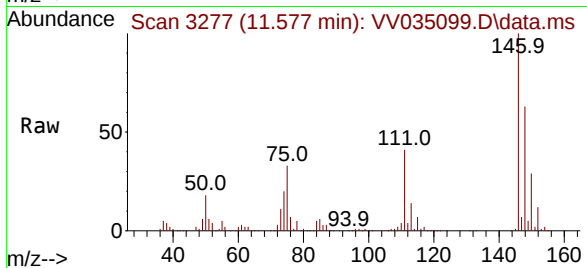
Tgt Ion:146 Resp: 246282

Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 63.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 78.051 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

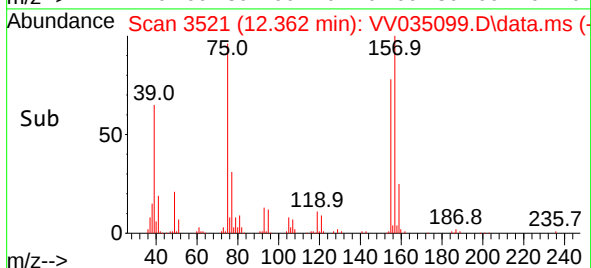
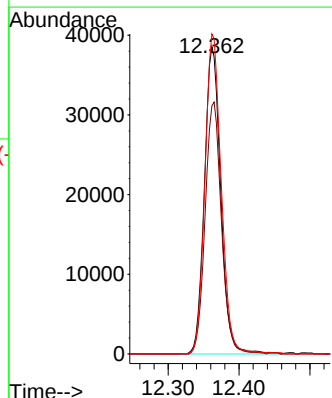
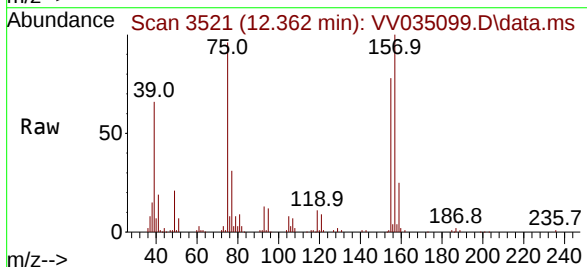
Tgt Ion: 75 Resp: 61609

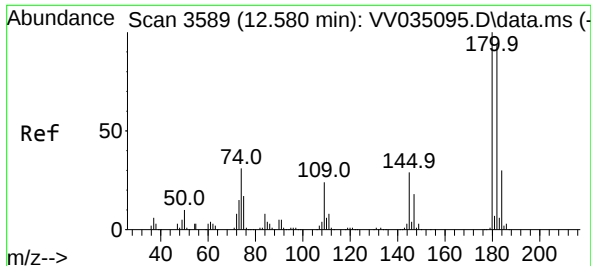
Ion Ratio Lower Upper

75 100

155 80.7 63.0 94.6

157 104.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 50.040 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

Tgt Ion:180 Resp: 160646

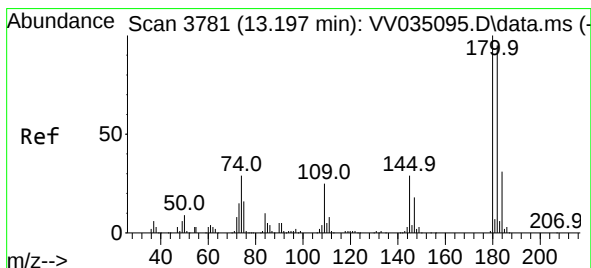
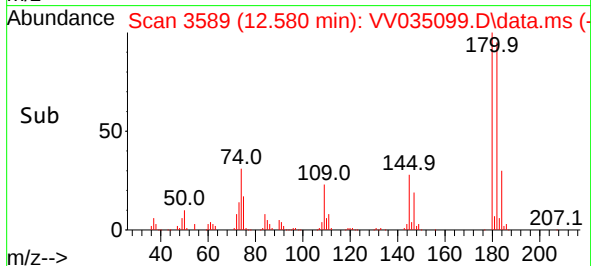
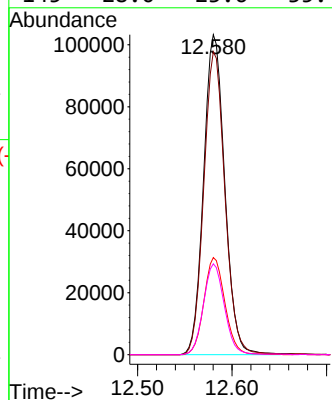
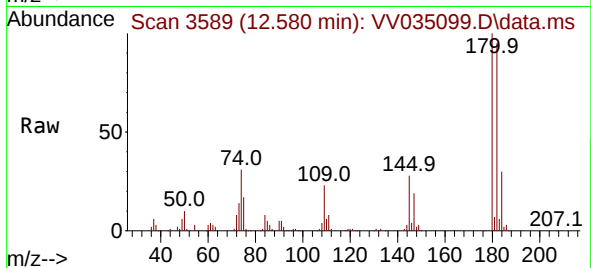
Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

184 29.9 24.0 36.0

145 28.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.852 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

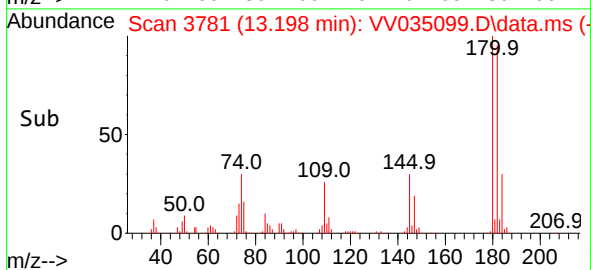
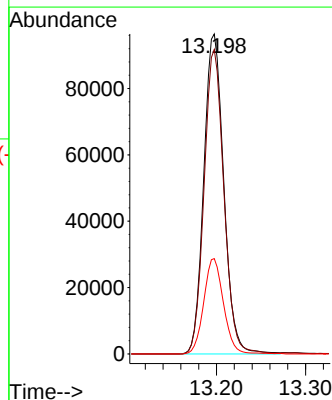
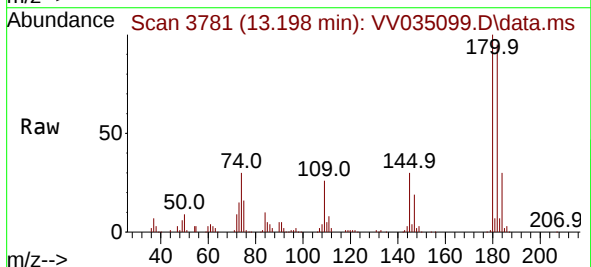
Tgt Ion:180 Resp: 149957

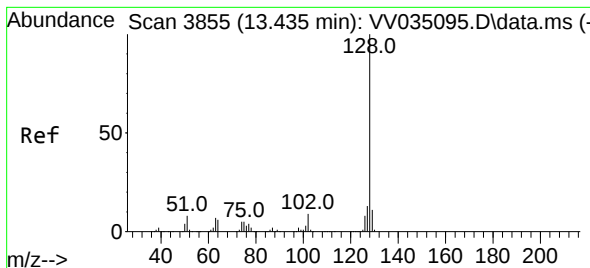
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

145 29.5 24.1 36.1





#71

Naphthalene

Concen: 63.716 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

E0M17MSD

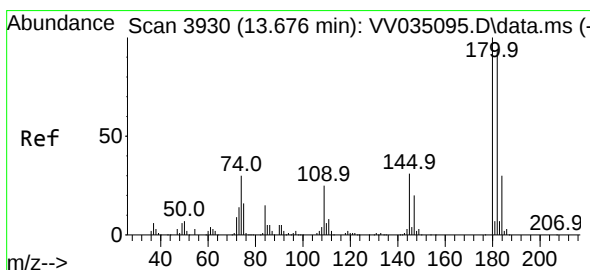
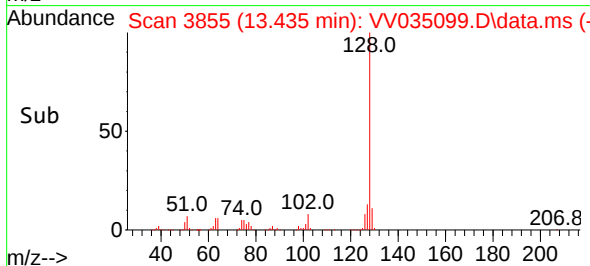
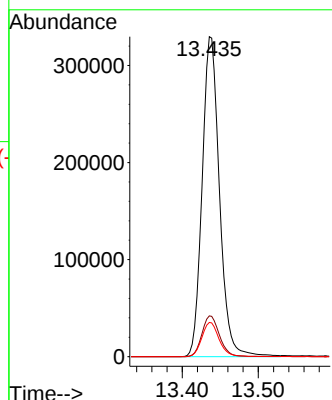
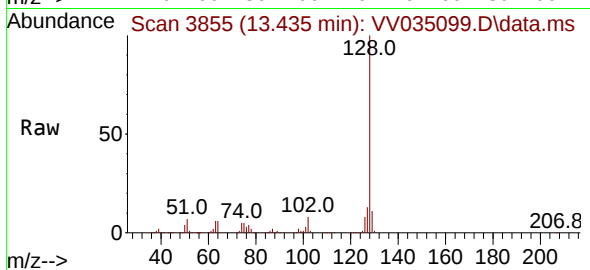
Tgt Ion:128 Resp: 521290

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 58.056 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035099.D

Acq: 10 Apr 2024 11:16

Tgt Ion:180 Resp: 168759

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 30.7 25.8 38.6

