

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031322.D
 Acq On : 01 Jun 2023 17:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

Quant Time: Jun 02 02:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:28:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	144806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	77263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64593	4.510	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.536	69	57903	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.060	65	32801	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.818	46	150939	45.532	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.060%
24) Chloroform-d	4.259	84	110879	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.950	65	59619	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.966	84	218033	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.995	67	72665	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.249	98	208452	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.561	79	27167	5.018	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.034	63	108619	49.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	54977	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	65710	4.509	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94865	4.993	ug/L	99
3) Chloromethane	1.217	50	93137	4.961	ug/L	100
5) Vinyl chloride	1.285	62	94824	5.053	ug/L	98
6) Bromomethane	1.491	94	53397	4.964	ug/L	97
8) Chloroethane	1.552	64	58368	4.988	ug/L	98
9) Trichlorofluoromethane	1.716	101	139070	5.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75977	4.973	ug/L	100
12) 1,1-Dichloroethene	2.072	96	65242	4.960	ug/L	96
13) Acetone	2.146	43	150470	39.278	ug/L	90
14) Carbon disulfide	2.243	76	198886	5.100	ug/L	99
15) Methyl Acetate	2.391	43	30398	4.085	ug/L	97
16) Methylene chloride	2.449	84	85969	5.376	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	149904	5.001	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	62326	4.996	ug/L	97
19) 1,1-Dichloroethane	3.117	63	141322	5.101	ug/L	98
21) 2-Butanone	3.902	43	199012	39.944	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	66105	5.229	ug/L	98
23) Bromochloromethane	4.156	128	30380	5.084	ug/L	95
25) Chloroform	4.281	83	150200	5.184	ug/L	98

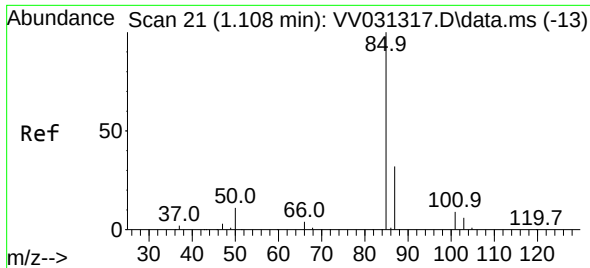
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031322.D
 Acq On : 01 Jun 2023 17:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

Quant Time: Jun 02 02:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:28:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	85628	5.085	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	120383	5.000	ug/L	99
30) Cyclohexane	4.590	56	112182	5.132	ug/L	98
31) Carbon tetrachloride	4.741	117	107371	5.001	ug/L	99
33) Benzene	5.018	78	269813	5.236	ug/L	100
34) Trichloroethene	5.838	95	70669	5.077	ug/L	98
35) Methylcyclohexane	6.056	83	111032	5.359	ug/L	96
37) 1,2-Dichloropropane	6.098	63	75099	4.952	ug/L	99
38) Bromodichloromethane	6.439	83	96501	4.976	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	103401	5.194	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	482188	54.184	ug/L	98
42) Toluene	7.320	91	295551	5.405	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	88502	5.168	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	51742	5.026	ug/L	99
47) Tetrachloroethene	7.911	164	55127	5.083	ug/L	96
48) 2-Hexanone	8.085	43	357684	50.611	ug/L	99
49) Dibromochloromethane	8.182	129	57452	4.997	ug/L	99
50) 1,2-Dibromoethane	8.288	107	49501	5.199	ug/L #	100
51) Chlorobenzene	8.821	112	174534	5.124	ug/L	98
52) Ethylbenzene	8.953	91	305827	5.347	ug/L	100
53) m,p-Xylene	9.079	106	111845	5.435	ug/L	99
54) o-Xylene	9.484	106	103918	5.388	ug/L	96
55) Styrene	9.503	104	192457	5.610	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	60502	4.930	ug/L	99
59) Bromoform	9.673	173	31320	5.031	ug/L	98
60) Isopropylbenzene	9.873	105	293922	5.296	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	46218	4.896	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	232541	5.171	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	243068	5.236	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	140848	5.240	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	142317	5.056	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	129111	5.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	9873	4.560	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	100863	5.050	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	78198	4.882	ug/L	98
71) Naphthalene	13.448	128	105098	4.277	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	68630	4.777	ug/L	96

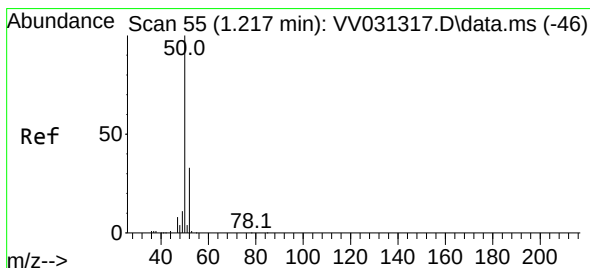
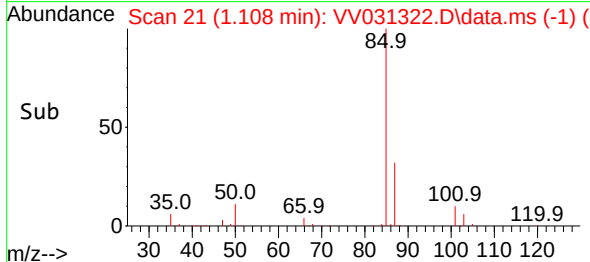
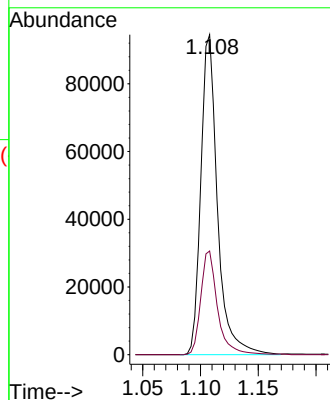
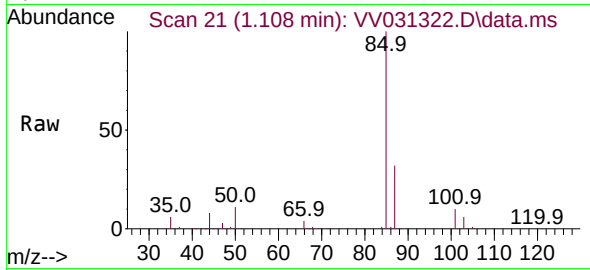
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.993 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

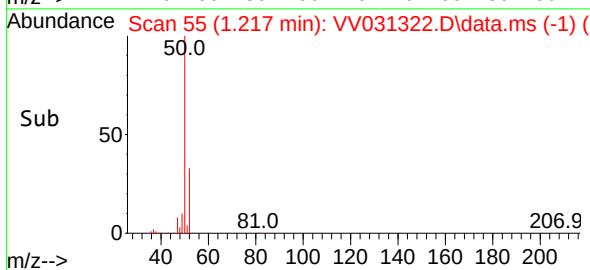
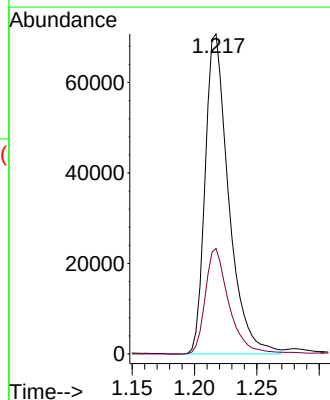
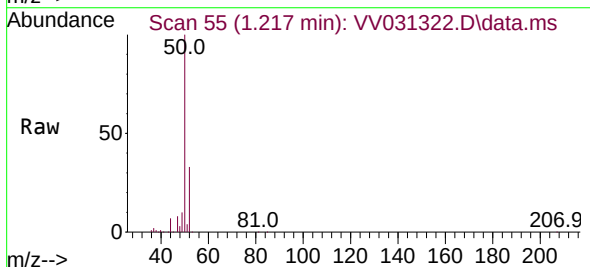
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

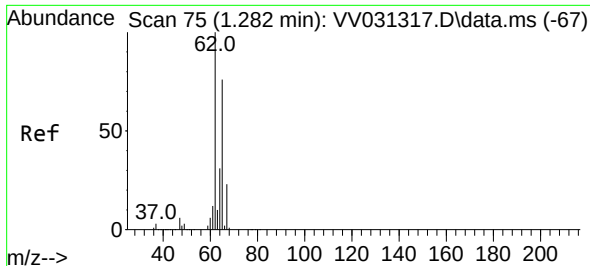
Tgt Ion: 85 Resp: 94865
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 4.961 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

Tgt Ion: 50 Resp: 93137
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

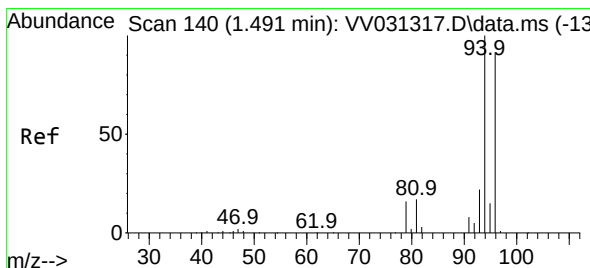
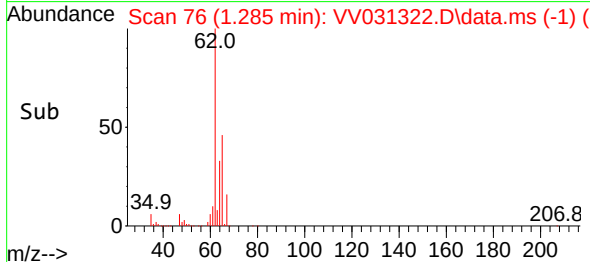
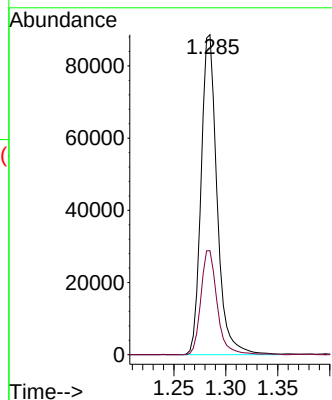
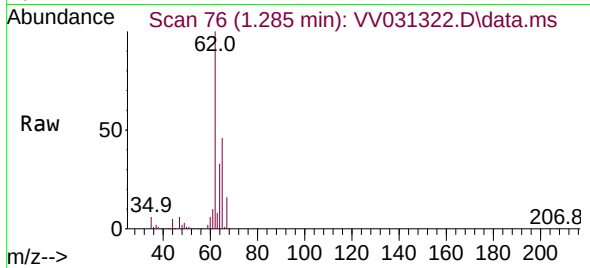




#5
 Vinyl chloride
 Concen: 5.053 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

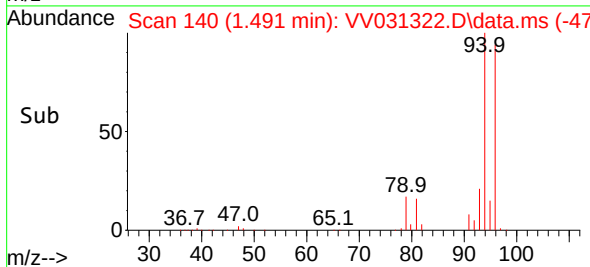
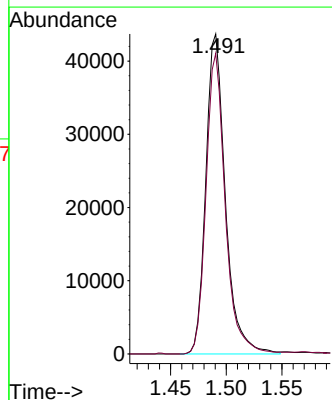
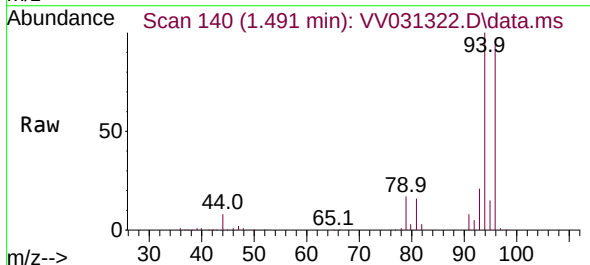
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

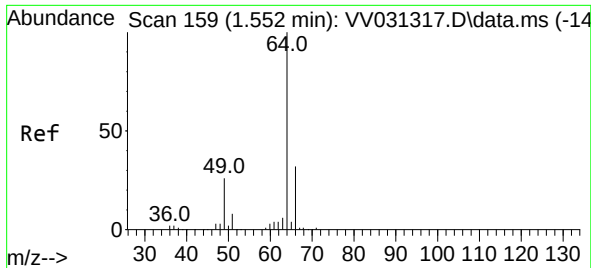
Tgt Ion: 62 Resp: 94824
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.0 40.8



#6
 Bromomethane
 Concen: 4.964 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

Tgt Ion: 94 Resp: 53397
 Ion Ratio Lower Upper
 94 100
 96 93.9 63.7 118.3

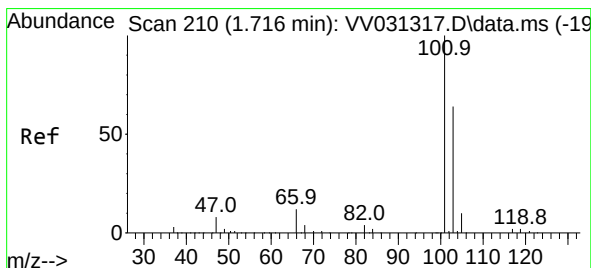
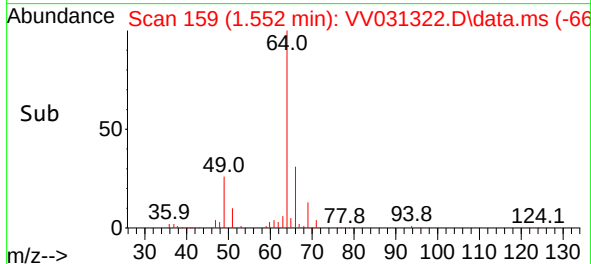
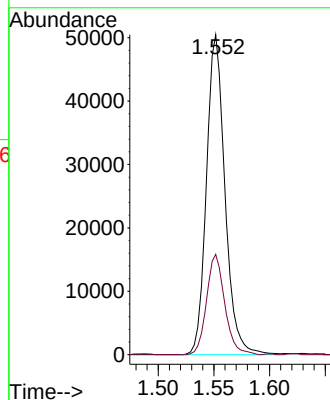
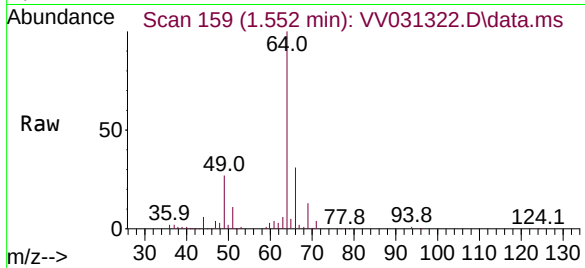




#8
Chloroethane
Concen: 4.988 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

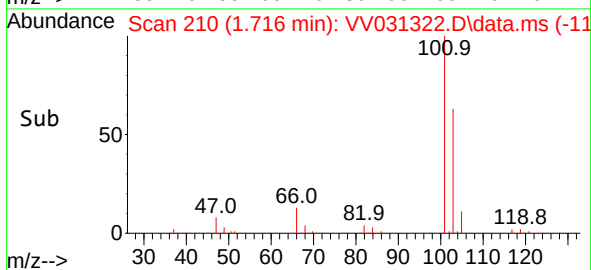
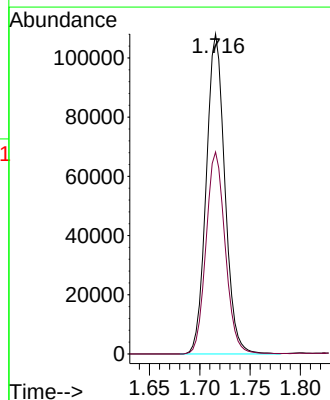
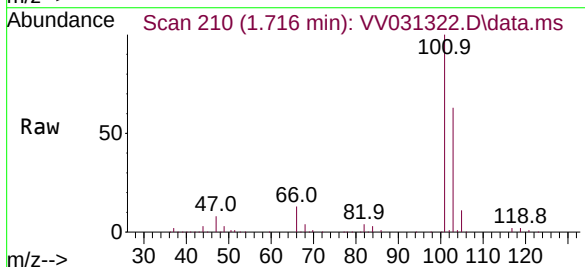
Instrument :
MSVOA_V
ClientSampleId :
VICV259

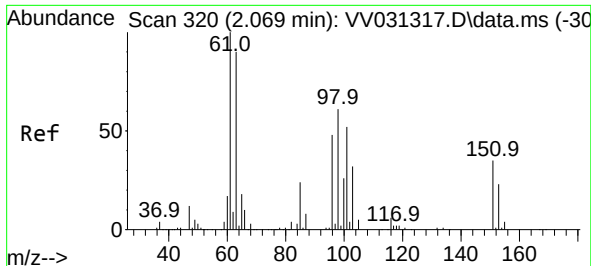
Tgt Ion: 64 Resp: 58368
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.032 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion:101 Resp: 139070
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

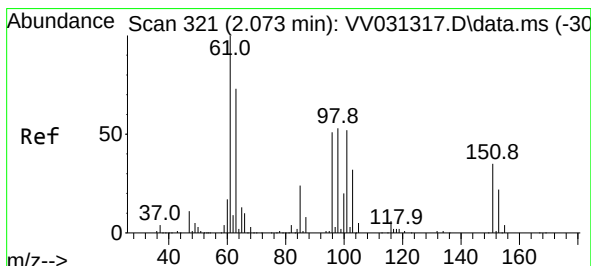
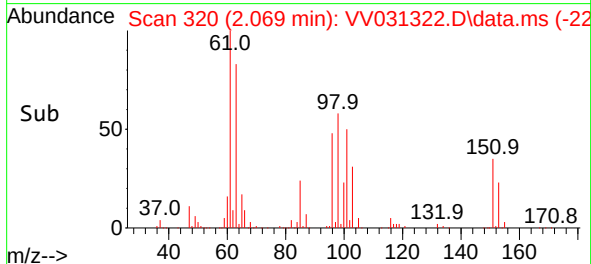
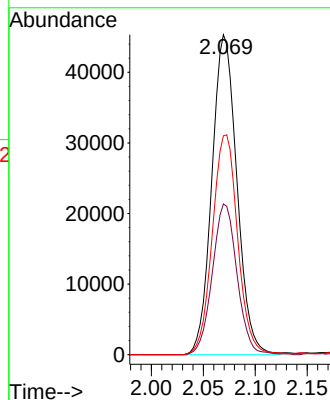
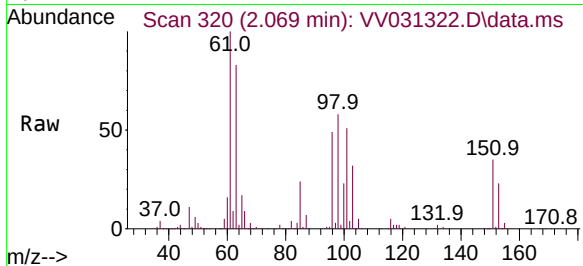




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.973 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

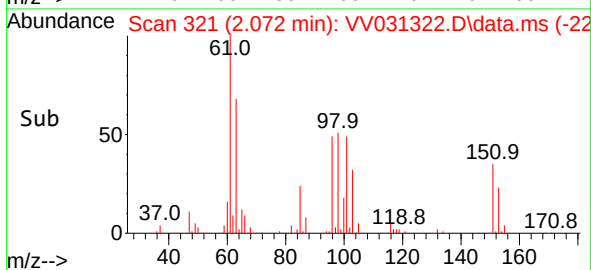
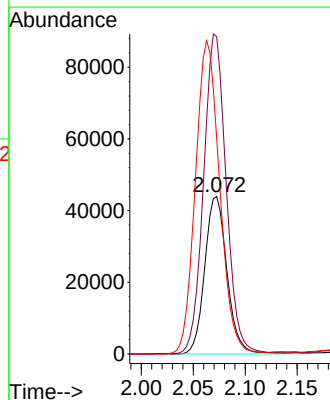
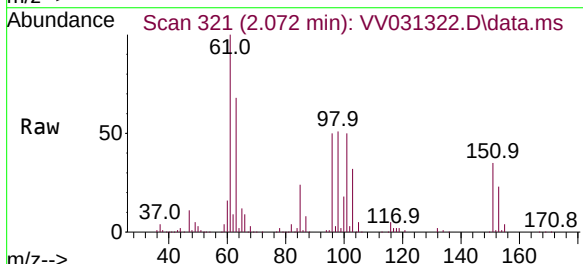
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

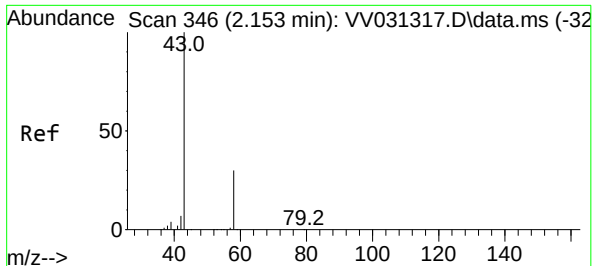
Tgt Ion:101 Resp: 75977
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.2 55.8
 151 69.7 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.960 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.001 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

Tgt Ion: 96 Resp: 65242
 Ion Ratio Lower Upper
 96 100
 61 201.6 138.3 256.8
 63 137.1 101.9 189.3





#13

Acetone

Concen: 39.278 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

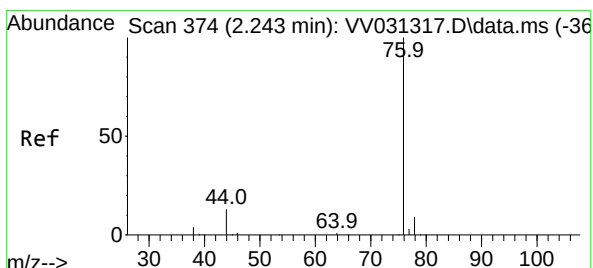
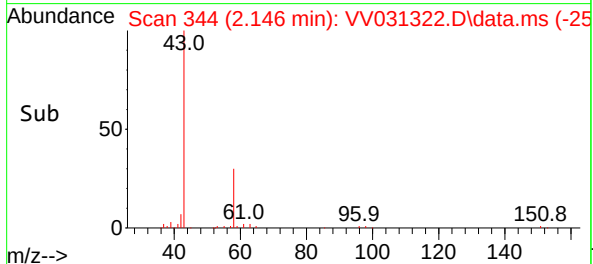
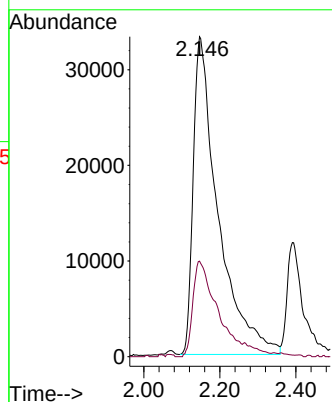
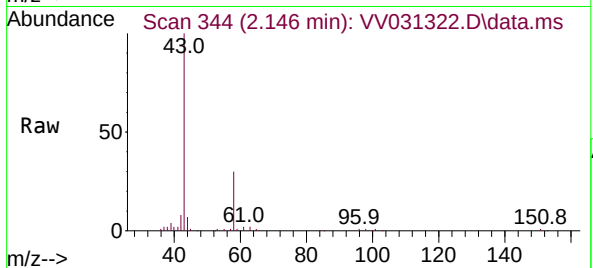
VICV259

Tgt Ion: 43 Resp: 150470

Ion Ratio Lower Upper

43 100

58 29.0 0.0 48.4



#14

Carbon disulfide

Concen: 5.100 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV031322.D

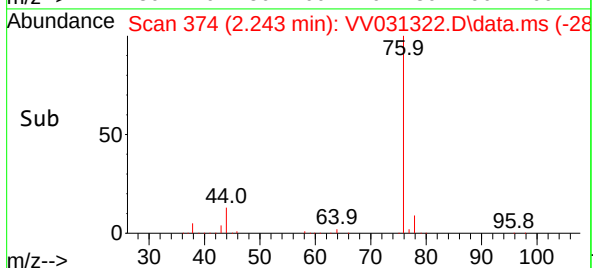
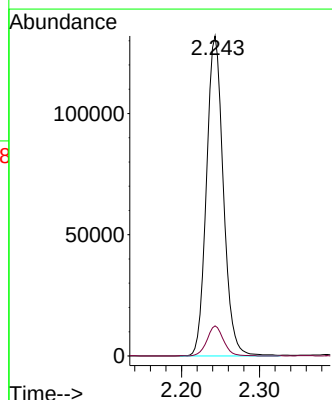
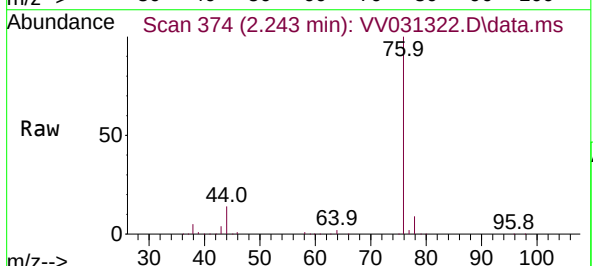
Acq: 01 Jun 2023 17:01

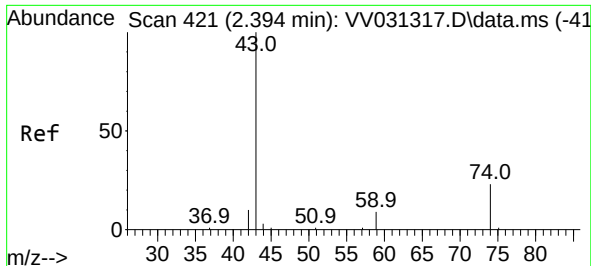
Tgt Ion: 76 Resp: 198886

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

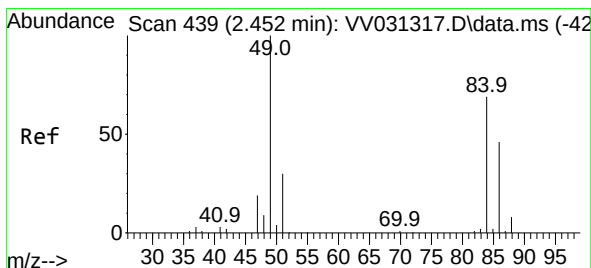
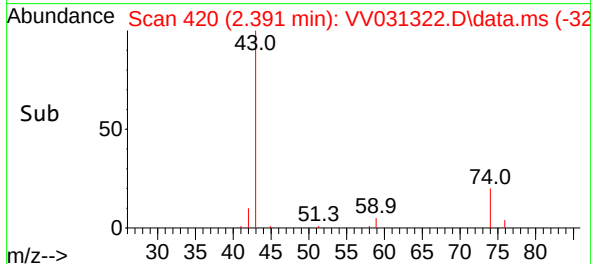
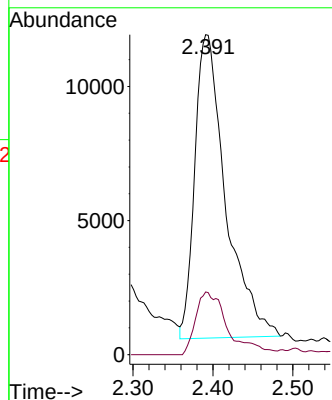
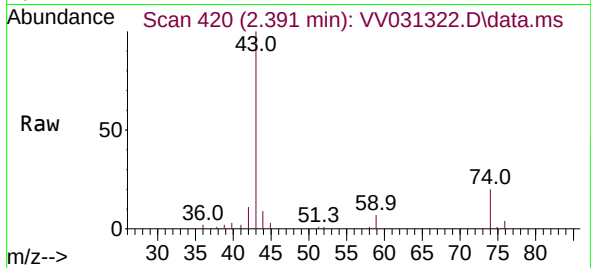




#15
Methyl Acetate
Concen: 4.085 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

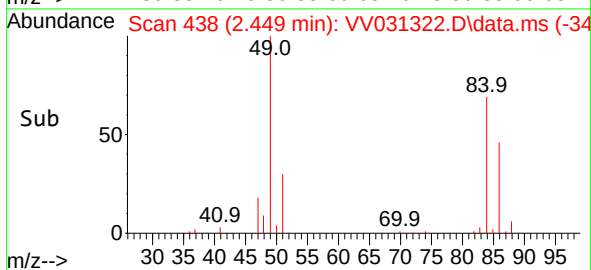
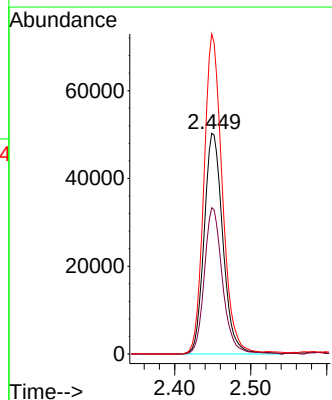
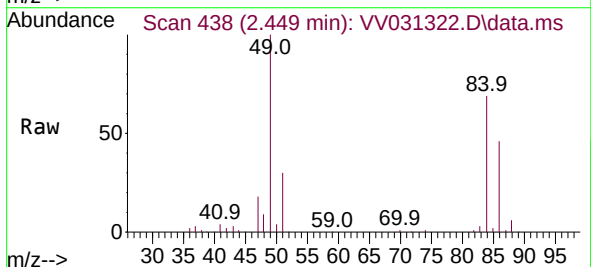
Instrument :
MSVOA_V
ClientSampleId :
VICV259

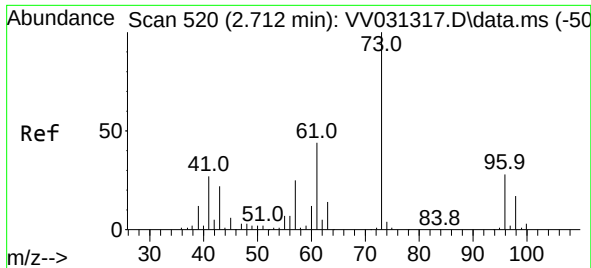
Tgt Ion: 43 Resp: 30398
Ion Ratio Lower Upper
43 100
74 21.6 16.2 24.2



#16
Methylene chloride
Concen: 5.376 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion: 84 Resp: 85969
Ion Ratio Lower Upper
84 100
86 66.3 46.7 86.7
49 145.0 101.6 188.8

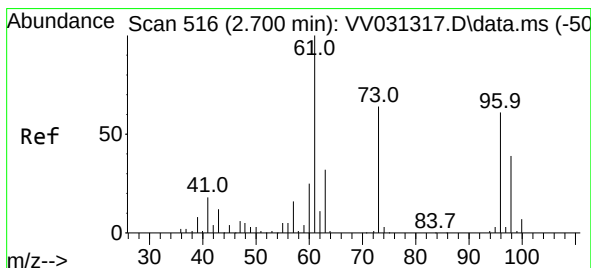
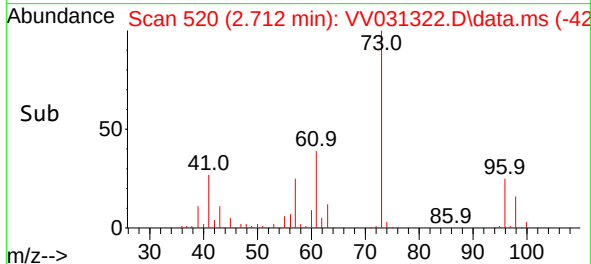
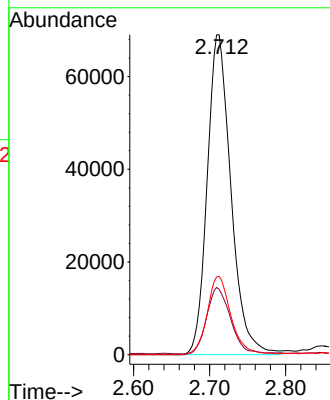
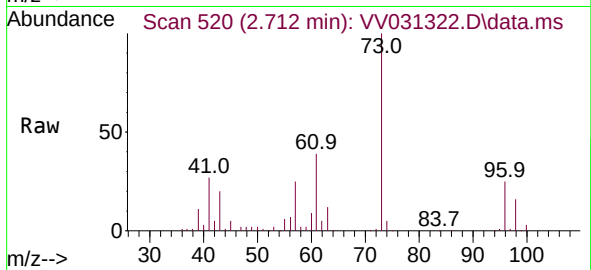




#17
Methyl tert-butyl Ether
Concen: 5.001 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

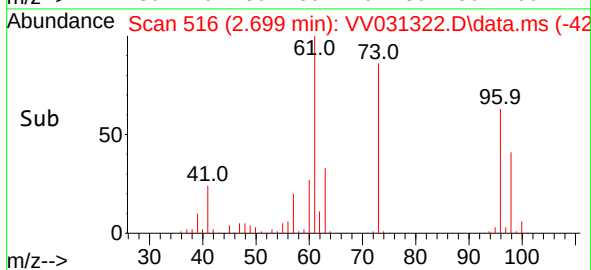
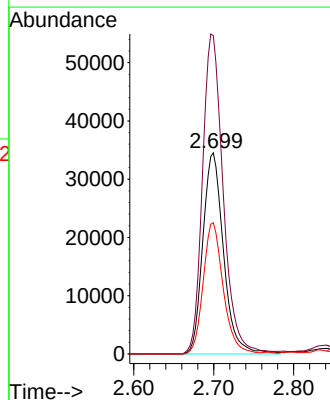
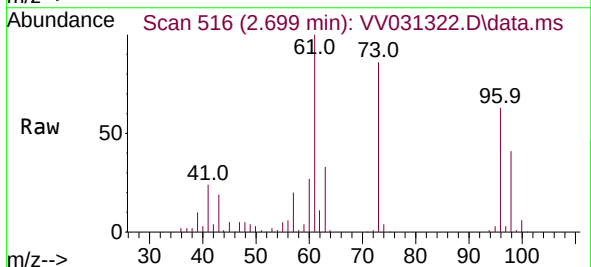
Instrument :
MSVOA_V
ClientSampleId :
VICV259

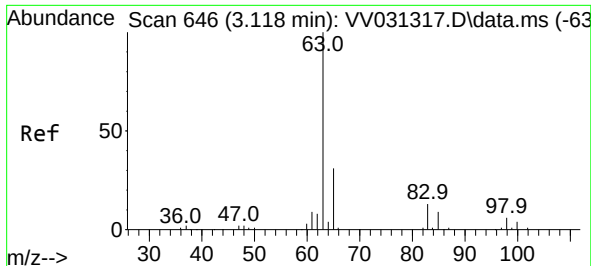
Tgt Ion: 73	Resp: 149904
Ion Ratio	Lower Upper
73 100	
43 20.7	17.8 26.8
57 24.4	19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 4.996 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion: 96	Resp: 62326		
Ion Ratio	Lower	Upper	
96 100			
61 158.3	114.2	212.0	
98 65.2	45.0	83.6	





#19

1,1-Dichloroethane

Concen: 5.101 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV259

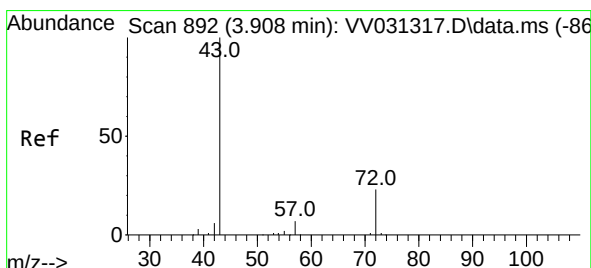
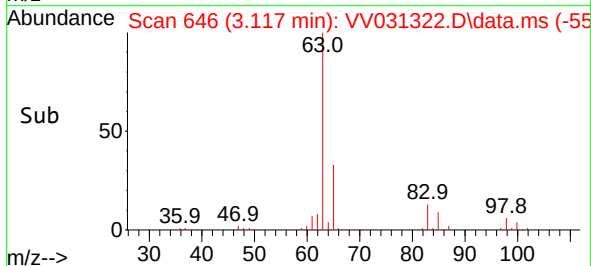
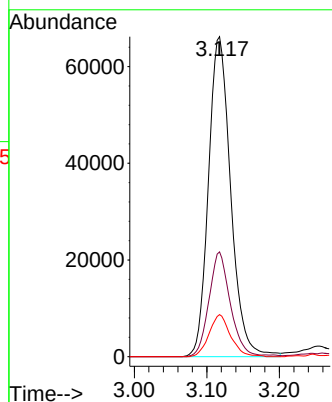
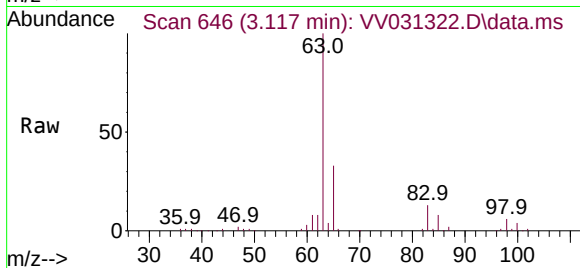
Tgt Ion: 63 Resp: 141322

Ion Ratio Lower Upper

63 100

65 32.8 22.0 40.8

83 13.2 9.0 16.6



#21

2-Butanone

Concen: 39.944 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV031322.D

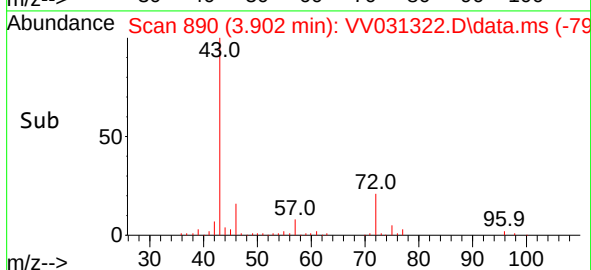
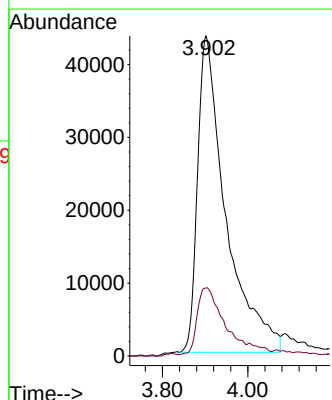
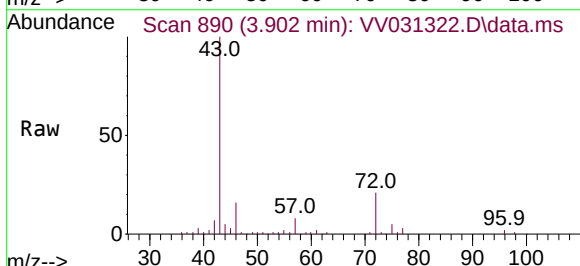
Acq: 01 Jun 2023 17:01

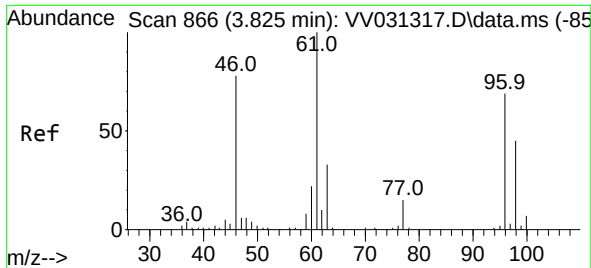
Tgt Ion: 43 Resp: 199012

Ion Ratio Lower Upper

43 100

72 19.3 7.8 23.5

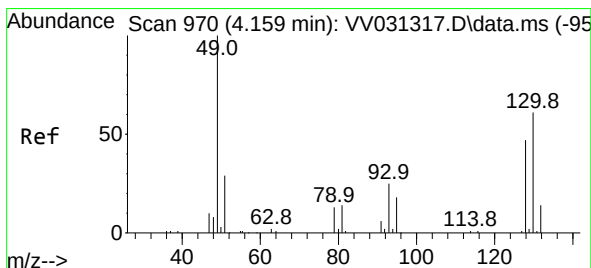
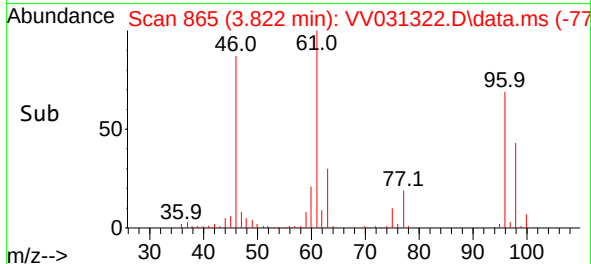
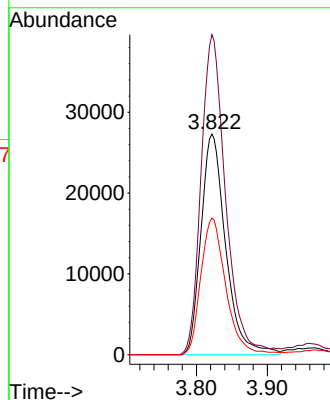
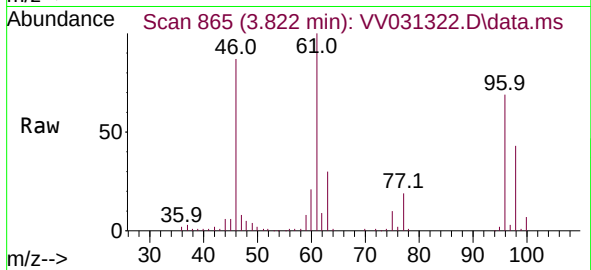




#22
 cis-1,2-Dichloroethene
 Concen: 5.229 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

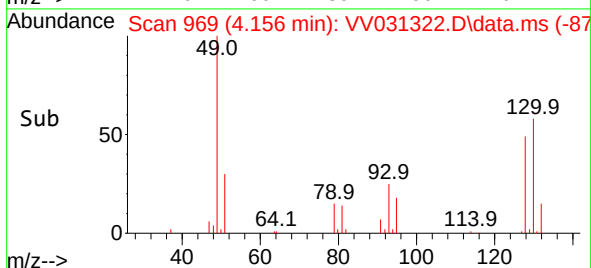
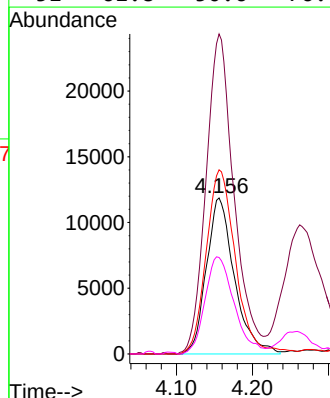
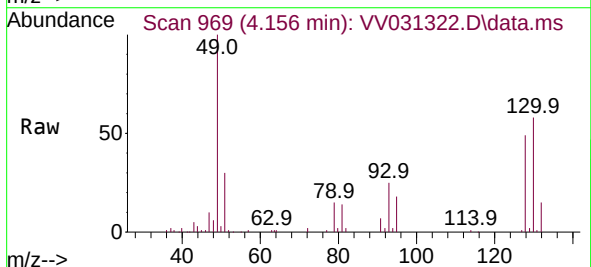
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

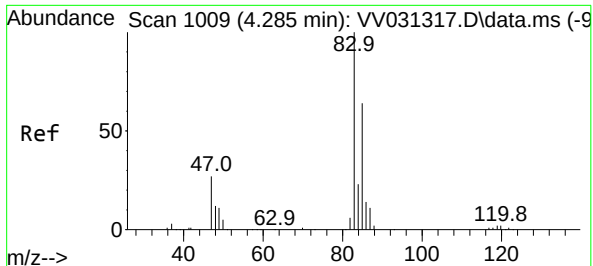
Tgt Ion: 96 Resp: 66105
 Ion Ratio Lower Upper
 96 100
 61 145.0 100.8 187.2
 98 61.9 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.084 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. -0.003 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

Tgt Ion:128 Resp: 30380
 Ion Ratio Lower Upper
 128 100
 49 205.1 148.1 275.0
 130 118.0 89.9 166.9
 51 61.8 50.6 76.0





#25

Chloroform

Concen: 5.184 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

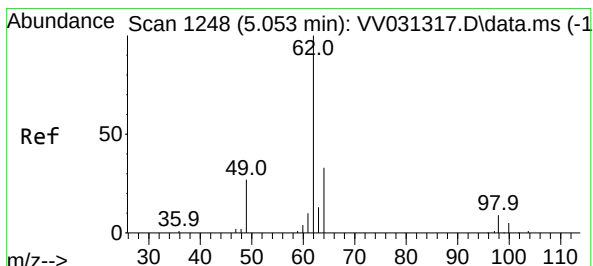
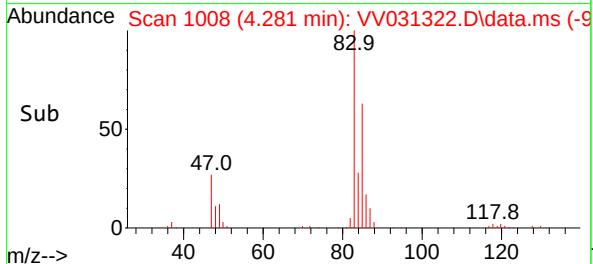
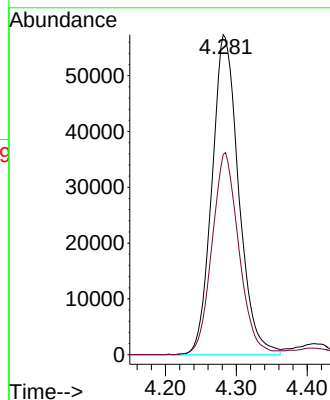
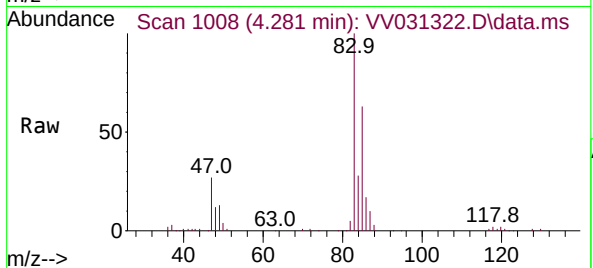
VICV259

Tgt Ion: 83 Resp: 150200

Ion Ratio Lower Upper

83 100

85 62.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 5.085 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VV031322.D

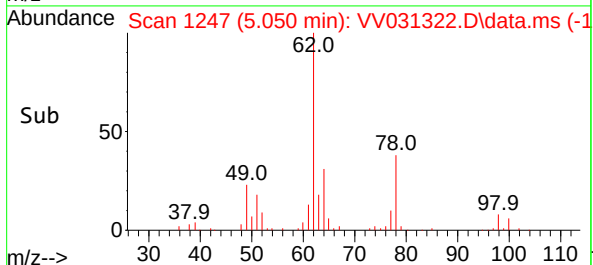
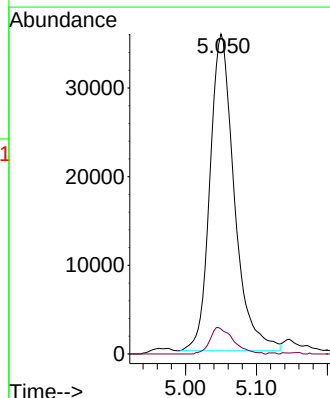
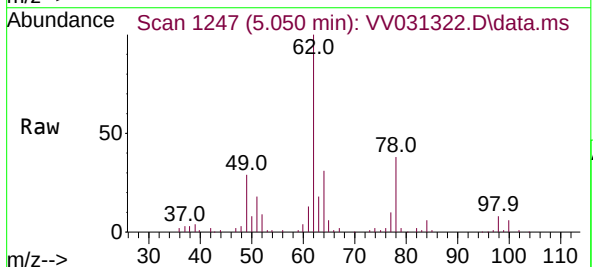
Acq: 01 Jun 2023 17:01

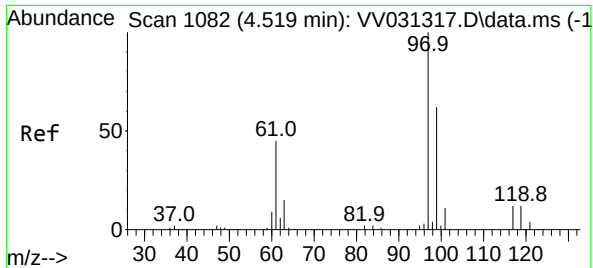
Tgt Ion: 62 Resp: 85628

Ion Ratio Lower Upper

62 100

98 7.7 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 5.000 ug/L

RT: 4.519 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV259

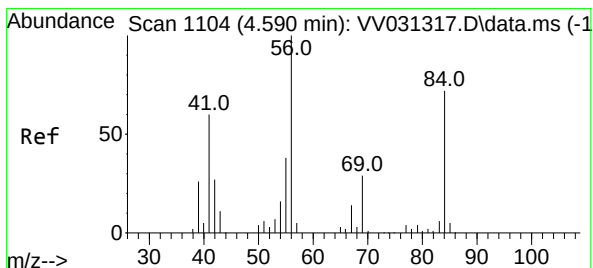
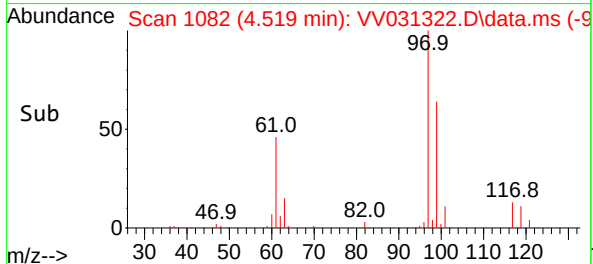
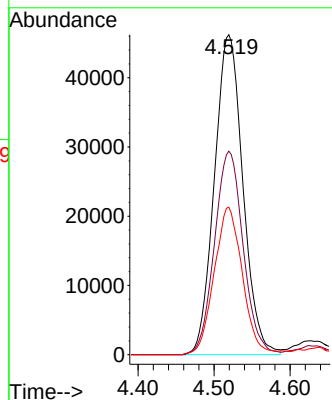
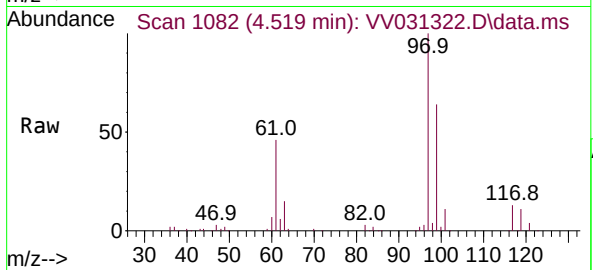
Tgt Ion: 97 Resp: 120383

Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.4

61 45.7 36.4 54.6



#30

Cyclohexane

Concen: 5.132 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

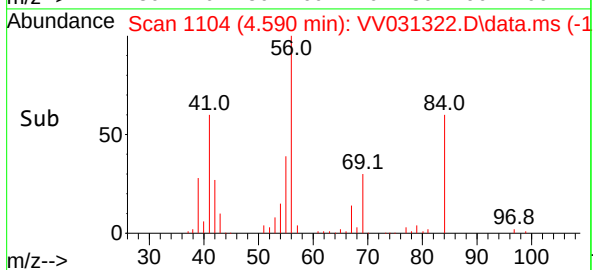
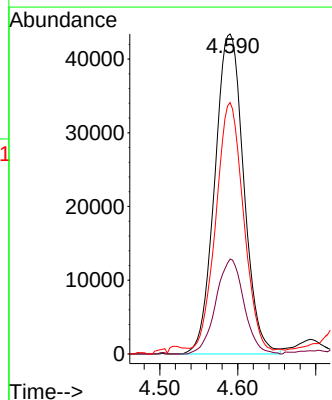
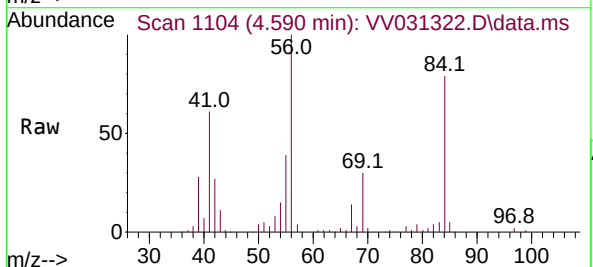
Tgt Ion: 56 Resp: 112182

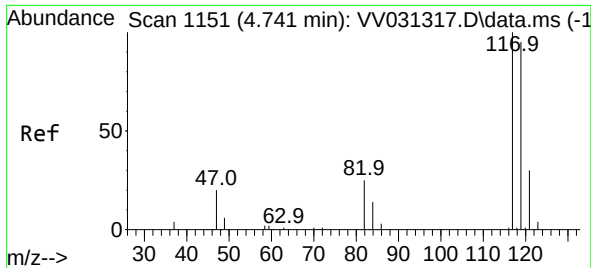
Ion Ratio Lower Upper

56 100

69 28.7 23.2 34.8

84 75.6 58.5 87.7

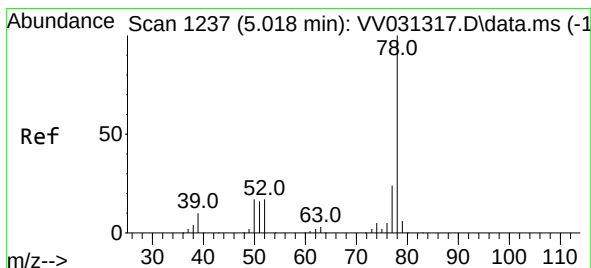
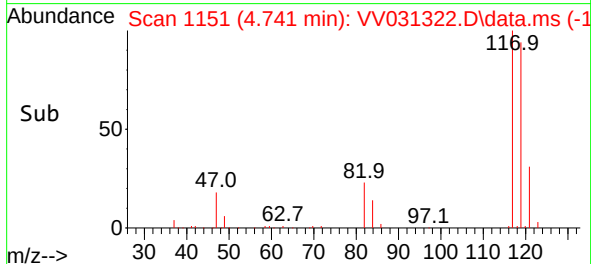
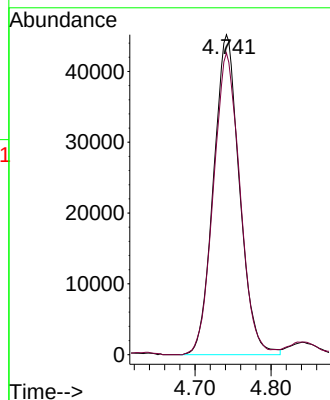
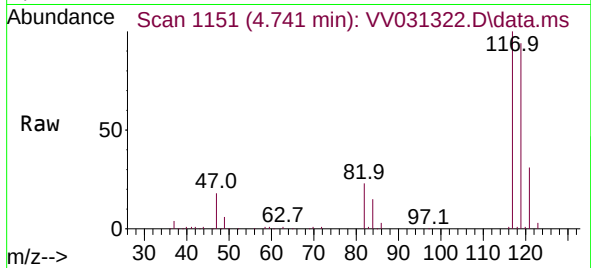




#31
Carbon tetrachloride
Concen: 5.001 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

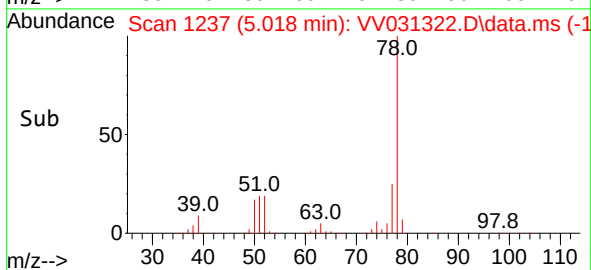
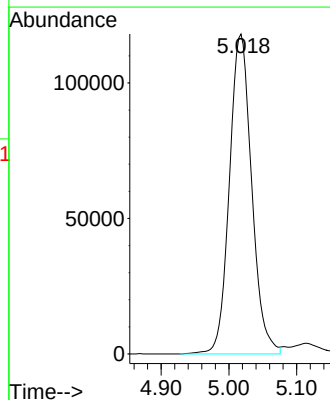
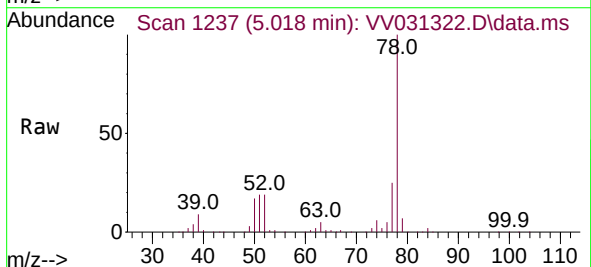
Instrument :
MSVOA_V
ClientSampleId :
VICV259

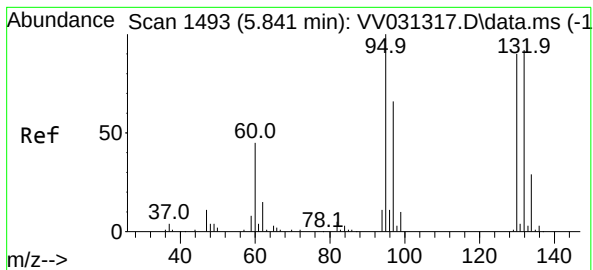
Tgt Ion:117 Resp: 107371
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5



#33
Benzene
Concen: 5.236 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion: 78 Resp: 269813





#34

Trichloroethene

Concen: 5.077 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV259

Tgt Ion: 95 Resp: 70669

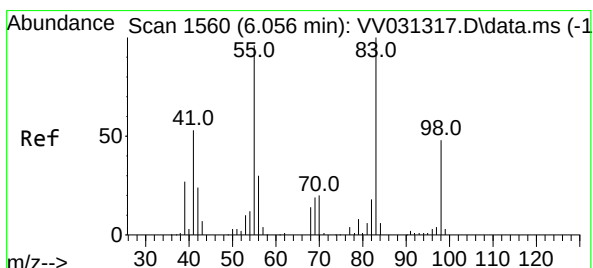
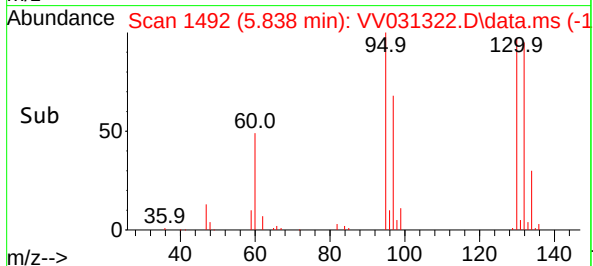
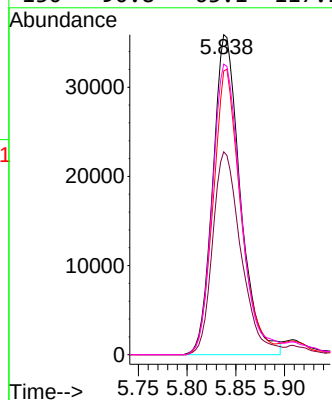
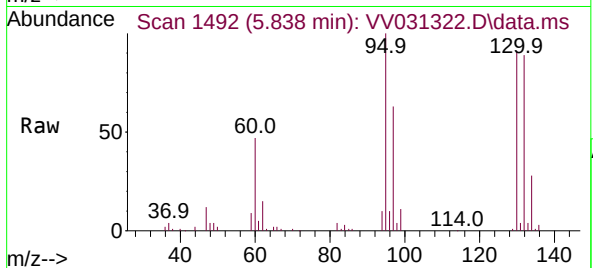
Ion Ratio Lower Upper

95 100

97 63.4 46.1 85.5

132 88.7 64.5 119.9

130 90.8 63.1 117.1



#35

Methylcyclohexane

Concen: 5.359 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

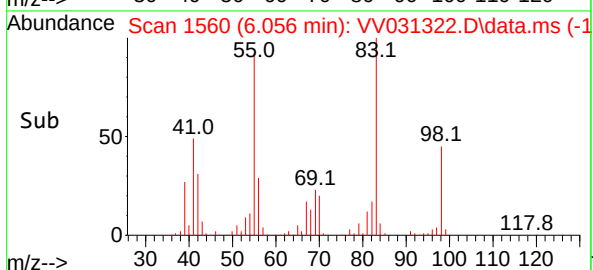
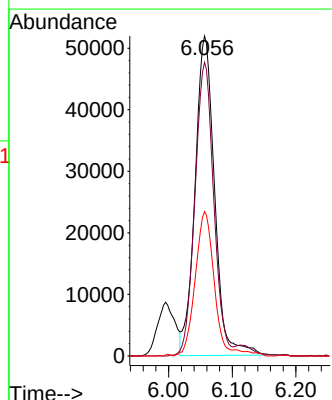
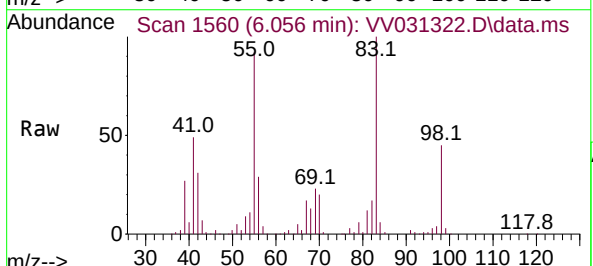
Tgt Ion: 83 Resp: 111032

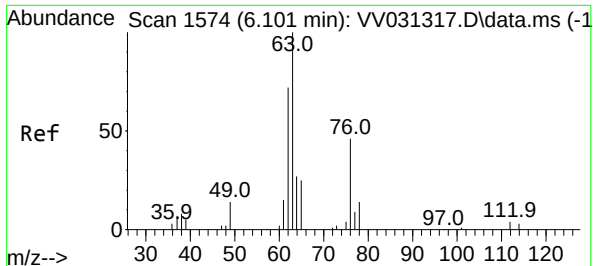
Ion Ratio Lower Upper

83 100

55 88.2 74.6 112.0

98 44.4 36.5 54.7





#37

1,2-Dichloropropane

Concen: 4.952 ug/L

RT: 6.098 min Scan# 1573

Delta R.T. -0.003 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

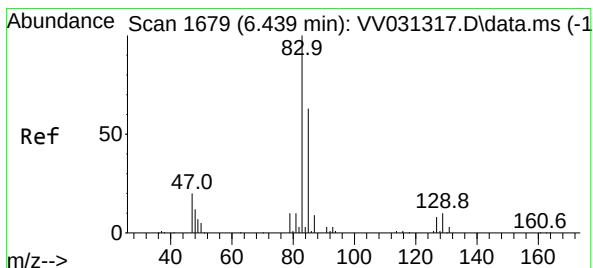
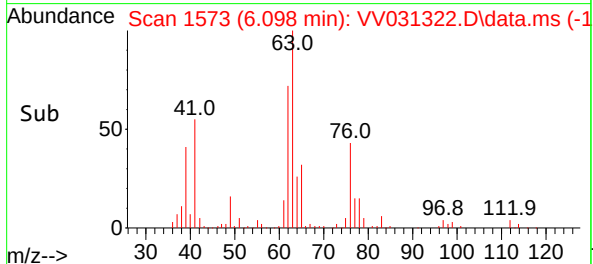
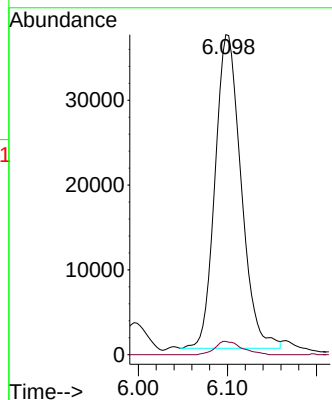
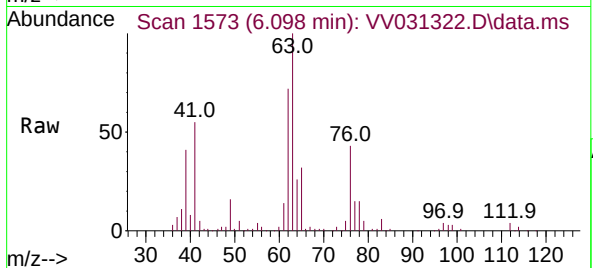
VICV259

Tgt Ion: 63 Resp: 75099

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 4.976 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

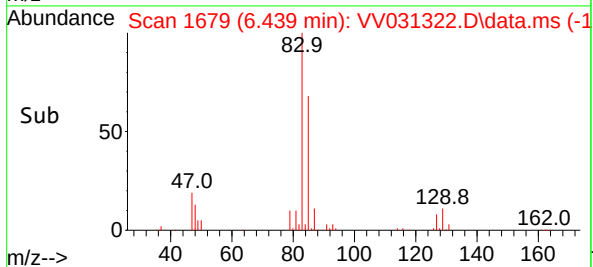
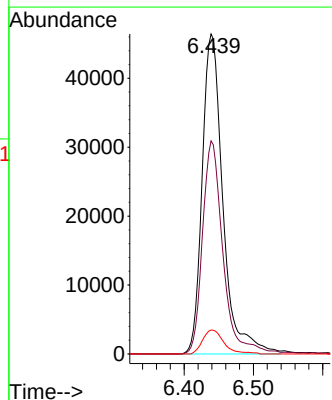
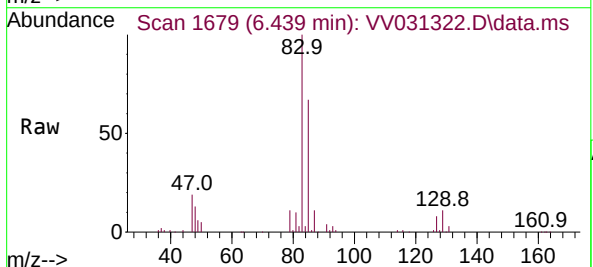
Tgt Ion: 83 Resp: 96501

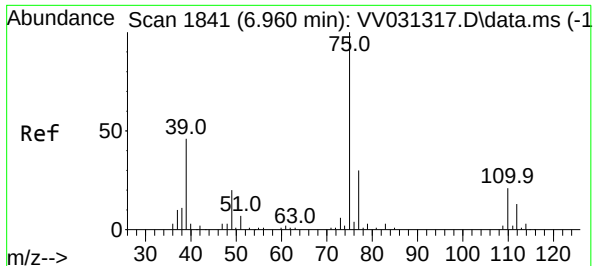
Ion Ratio Lower Upper

83 100

85 66.6 44.3 82.3

127 7.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.194 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

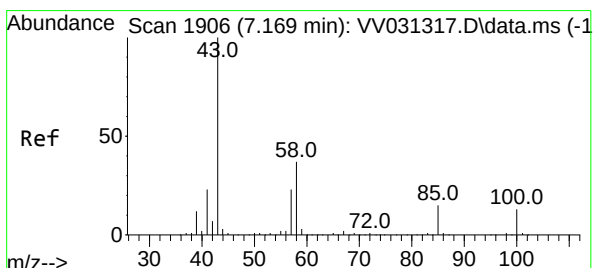
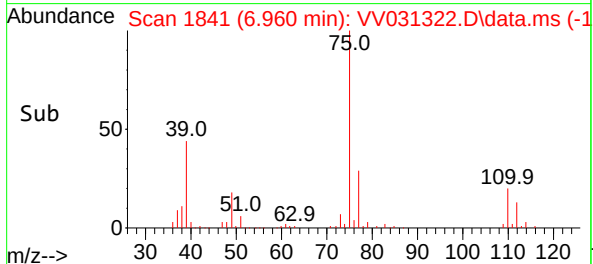
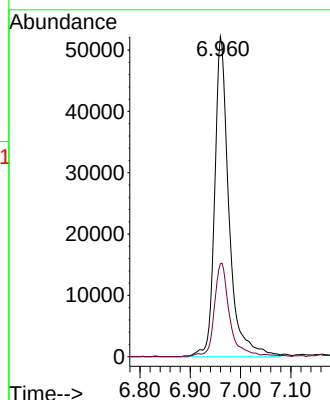
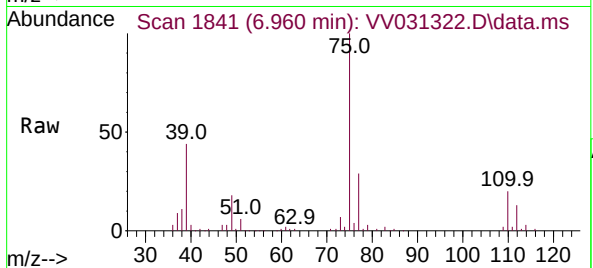
VICV259

Tgt Ion: 75 Resp: 103401

Ion Ratio Lower Upper

75 100

77 29.1 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 54.184 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

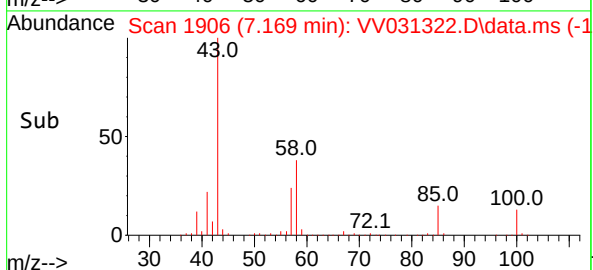
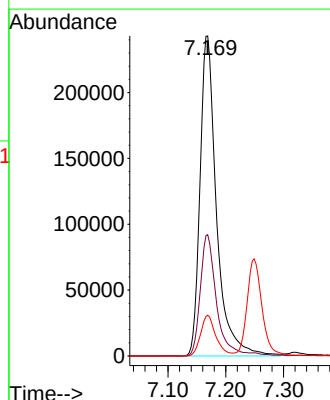
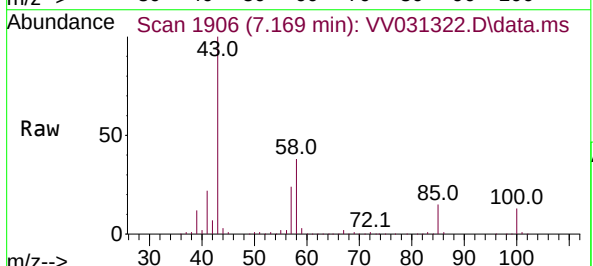
Tgt Ion: 43 Resp: 482188

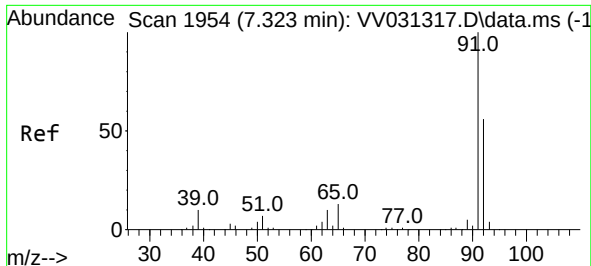
Ion Ratio Lower Upper

43 100

58 36.7 30.2 45.4

100 11.8 9.0 13.6





#42

Toluene

Concen: 5.405 ug/L

RT: 7.320 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

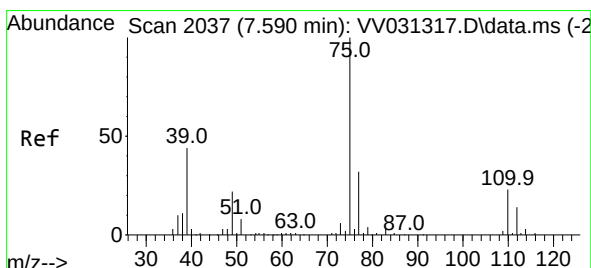
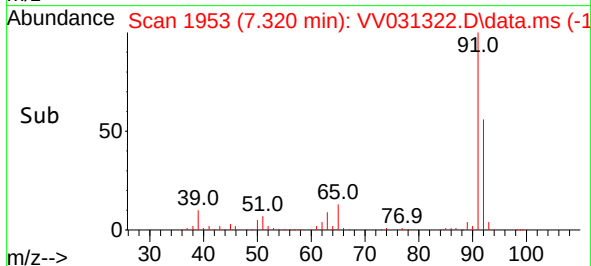
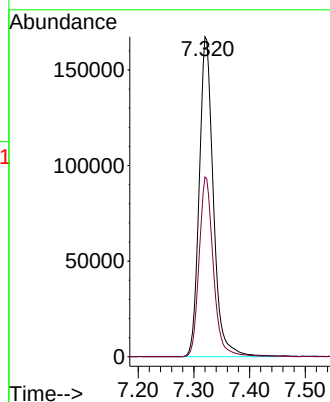
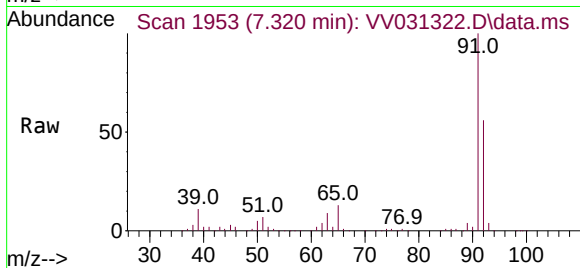
VICV259

Tgt Ion: 91 Resp: 295551

Ion Ratio Lower Upper

91 100

92 56.1 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 5.168 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV031322.D

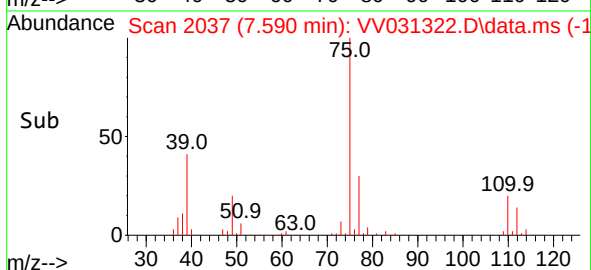
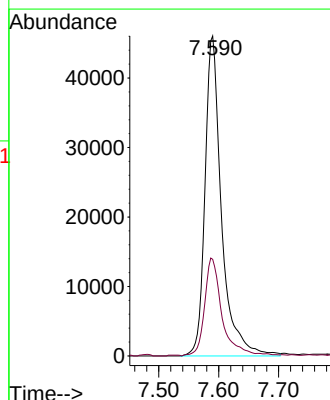
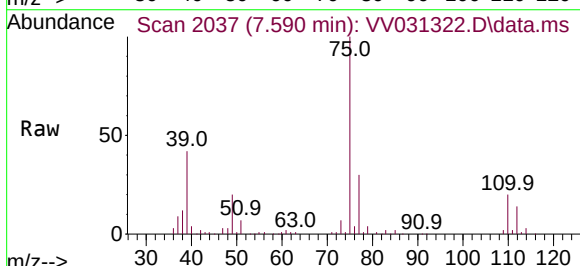
Acq: 01 Jun 2023 17:01

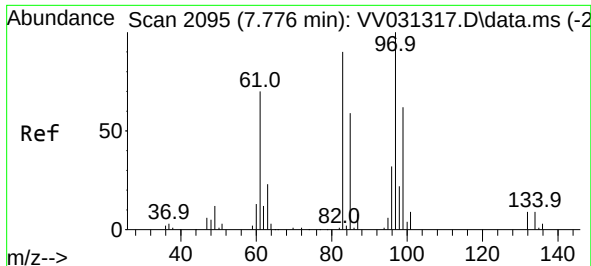
Tgt Ion: 75 Resp: 88502

Ion Ratio Lower Upper

75 100

77 30.2 22.8 42.4

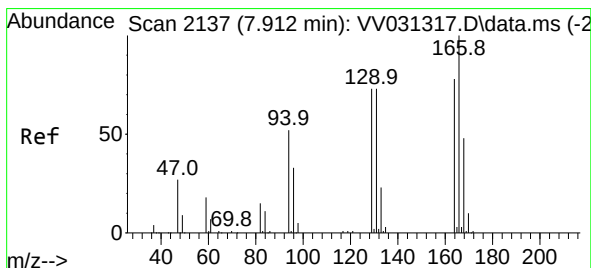
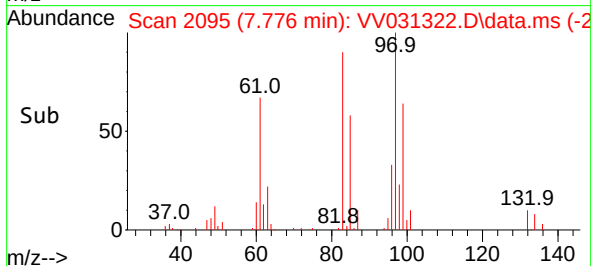
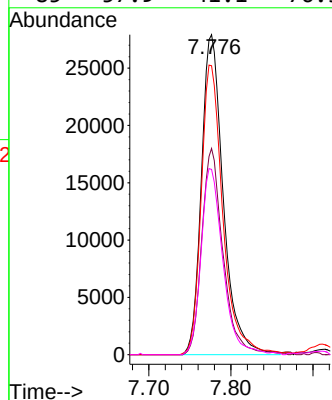
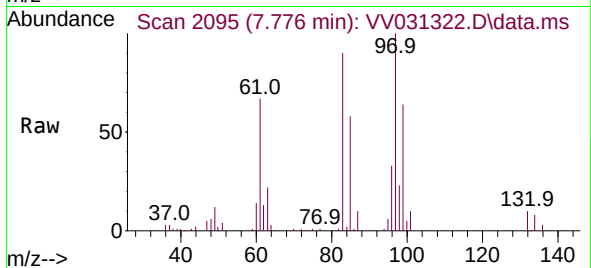




#45
1,1,2-Trichloroethane
Concen: 5.026 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

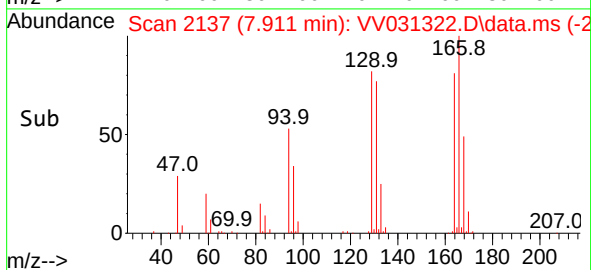
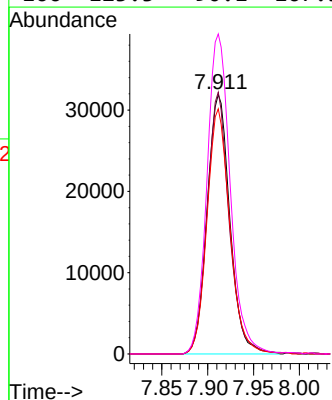
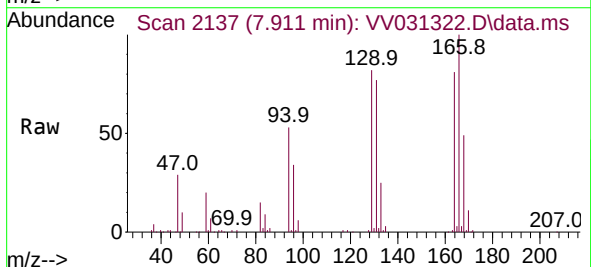
Instrument :
MSVOA_V
ClientSampleId :
VICV259

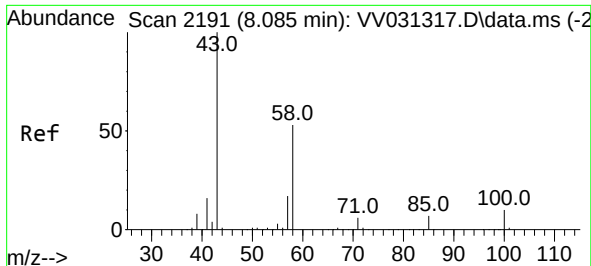
Tgt Ion:	97	Resp:	51742
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.1	80.1
83	90.3	63.1	117.1
85	57.9	41.1	76.3



#47
Tetrachloroethene
Concen: 5.083 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion:	164	Resp:	55127
Ion	Ratio	Lower	Upper
164	100		
129	100.8	66.0	122.6
131	94.4	65.3	121.3
166	123.3	90.1	167.3



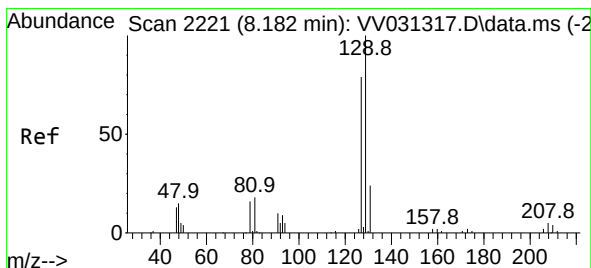
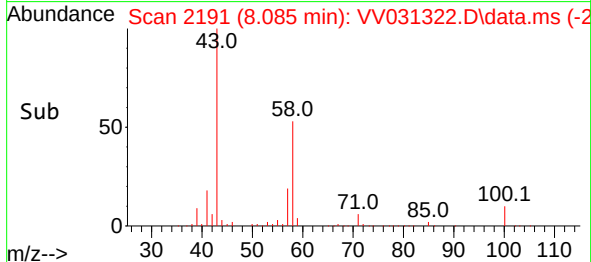
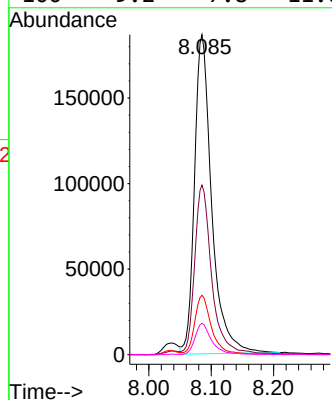
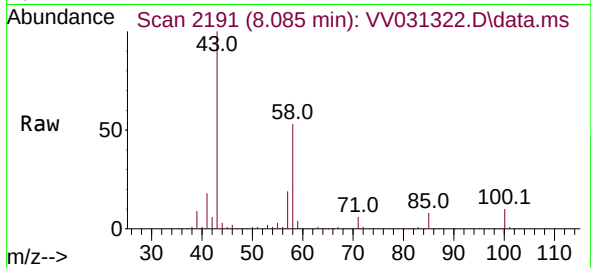


#48
2-Hexanone
Concen: 50.611 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Instrument :
MSVOA_V
ClientSampleId :
VICV259

Tgt Ion: 43 Resp: 357684

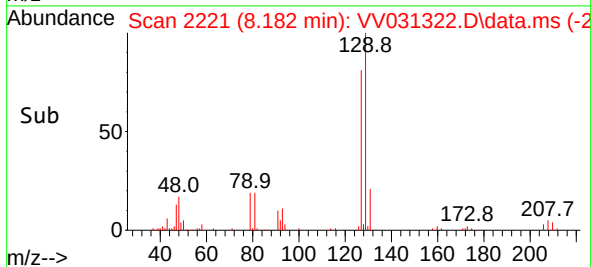
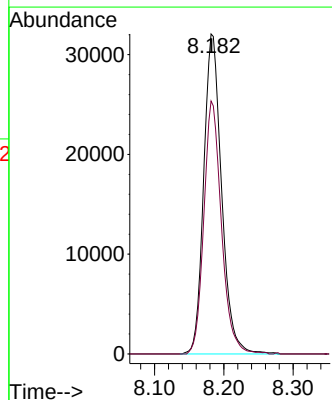
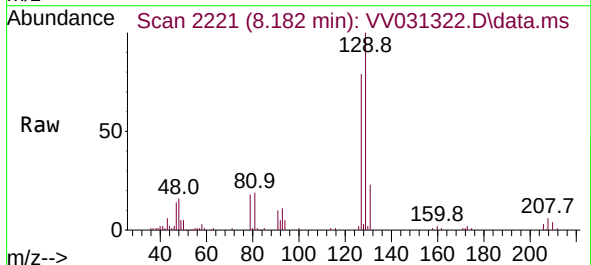
Ion	Ratio	Lower	Upper
43	100		
58	52.5	41.1	61.7
57	17.7	14.4	21.6
100	9.2	7.8	11.6

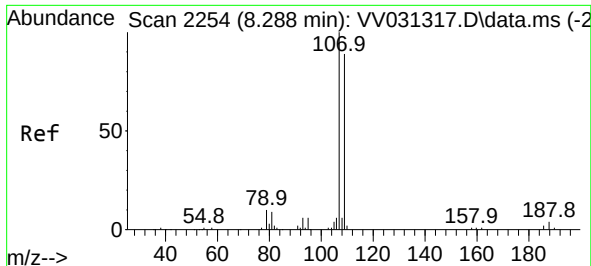


#49
Dibromochloromethane
Concen: 4.997 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion: 129 Resp: 57452

Ion	Ratio	Lower	Upper
129	100		
127	79.0	55.0	102.2

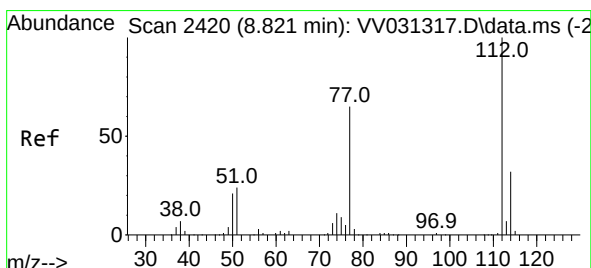
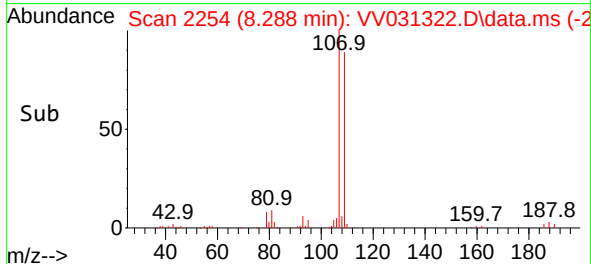
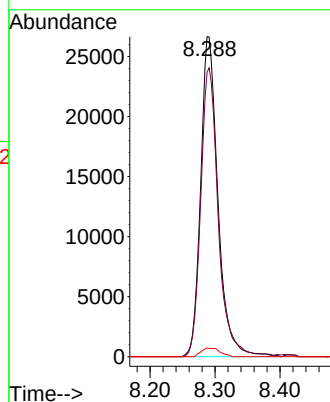
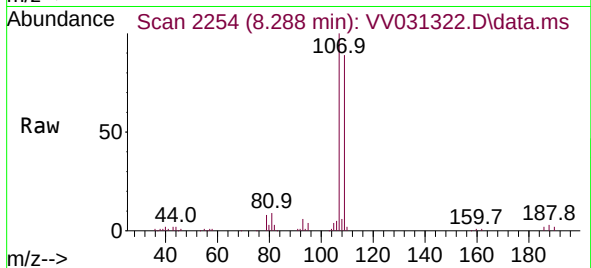




#50
1,2-Dibromoethane
Concen: 5.199 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

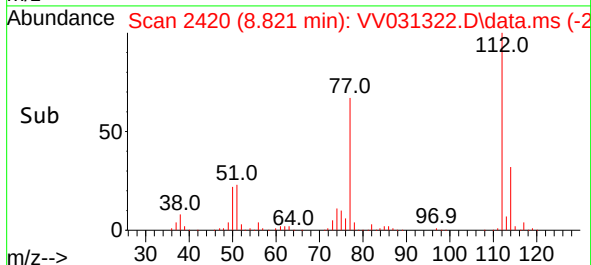
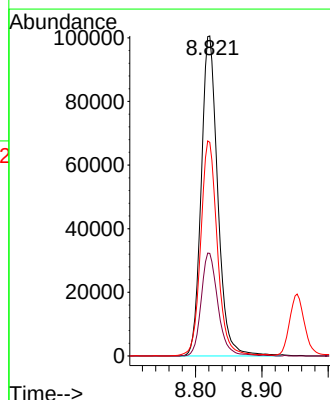
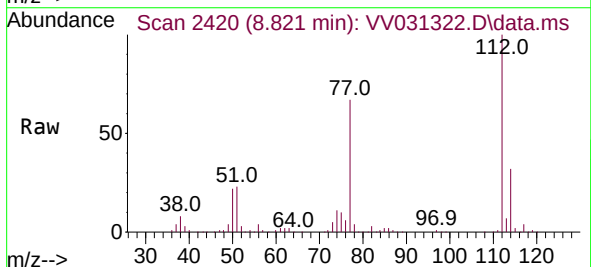
Instrument :
MSVOA_V
ClientSampleId :
VICV259

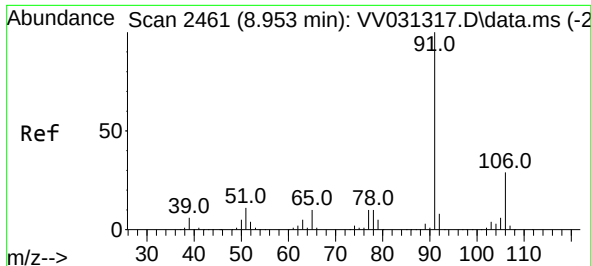
Tgt Ion:107 Resp: 49501
Ion Ratio Lower Upper
107 100
109 88.9 62.2 115.4
188 2.7 3.0 4.4#



#51
Chlorobenzene
Concen: 5.124 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion:112 Resp: 174534
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.1
77 66.8 52.2 78.2

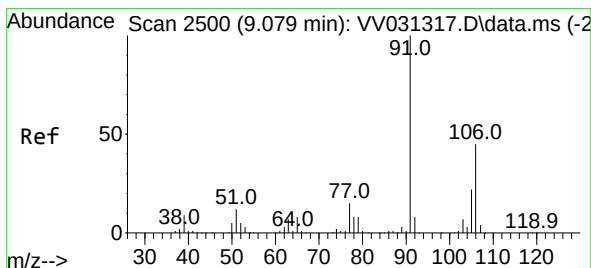
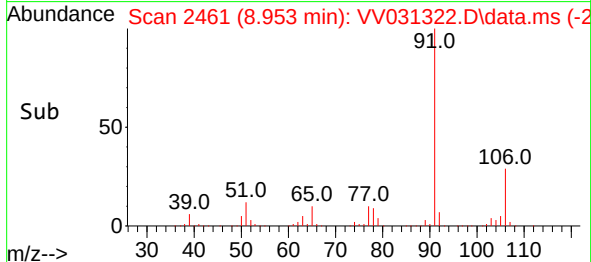
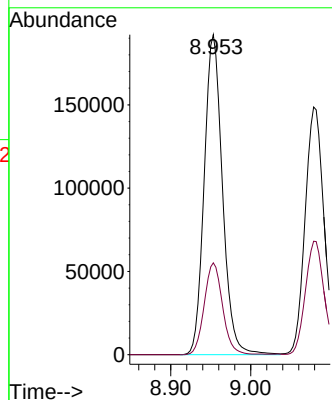
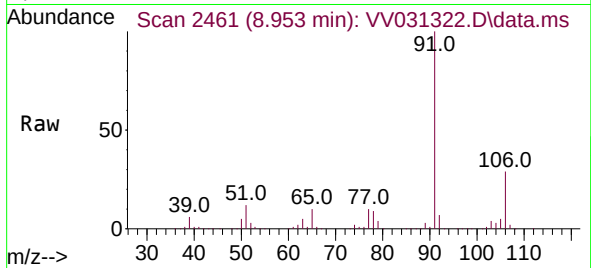




#52
Ethylbenzene
Concen: 5.347 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

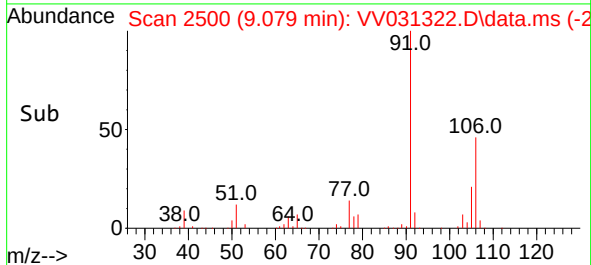
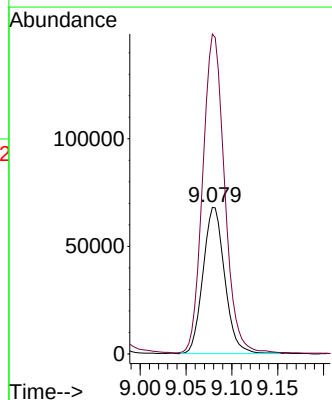
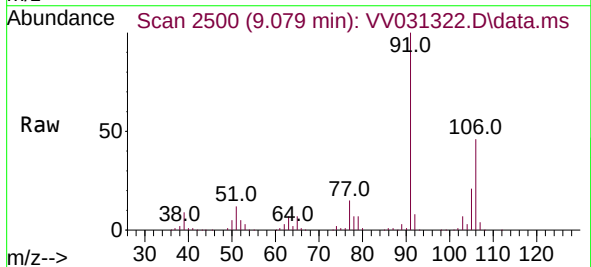
Instrument :
MSVOA_V
ClientSampleId :
VICV259

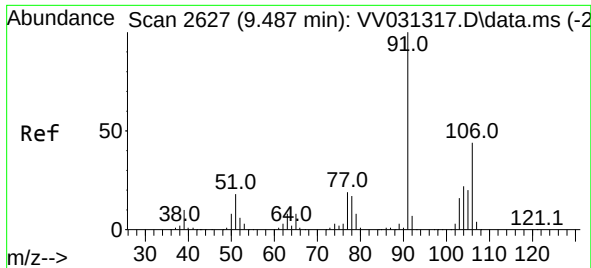
Tgt Ion: 91 Resp: 305827
Ion Ratio Lower Upper
91 100
106 28.7 20.0 37.2



#53
m,p-Xylene
Concen: 5.435 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion: 106 Resp: 111845
Ion Ratio Lower Upper
106 100
91 218.2 154.3 286.5

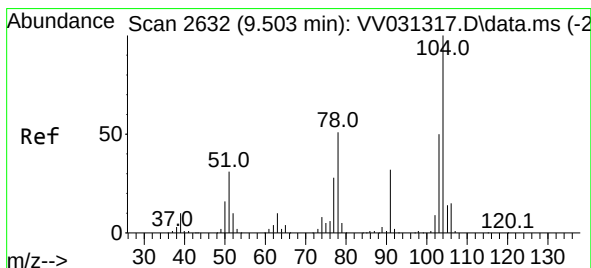
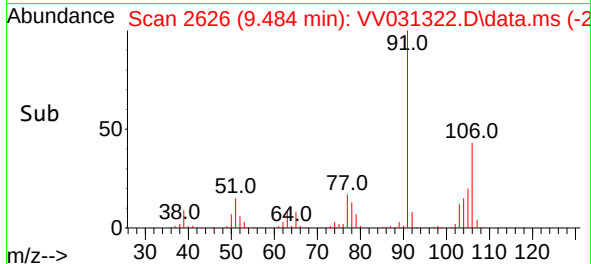
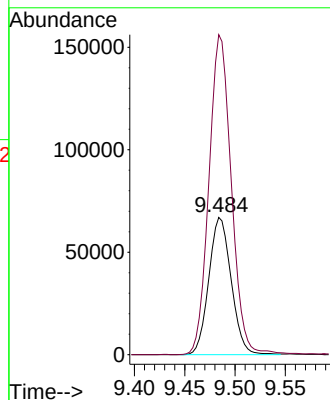
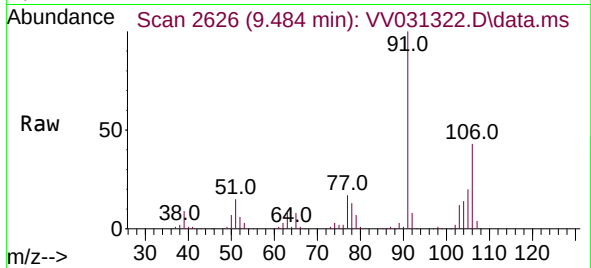




#54
o-Xylene
Concen: 5.388 ug/L
RT: 9.484 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

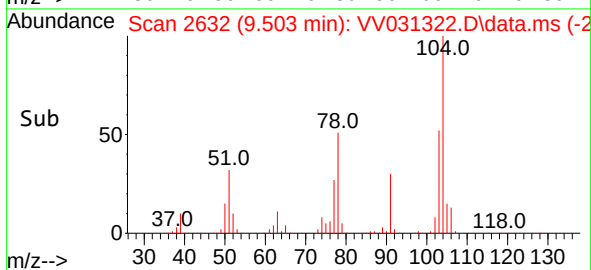
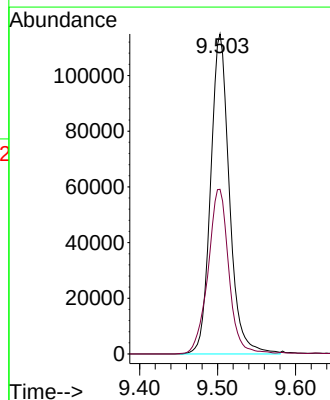
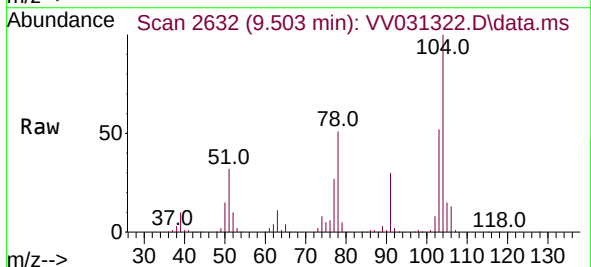
Instrument :
MSVOA_V
ClientSampleId :
VICV259

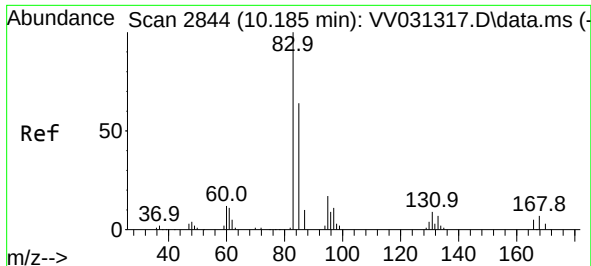
Tgt Ion:106 Resp: 103918
Ion Ratio Lower Upper
106 100
91 233.1 159.0 295.4



#55
Styrene
Concen: 5.610 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion:104 Resp: 192457
Ion Ratio Lower Upper
104 100
78 51.5 35.9 66.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.930 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV259

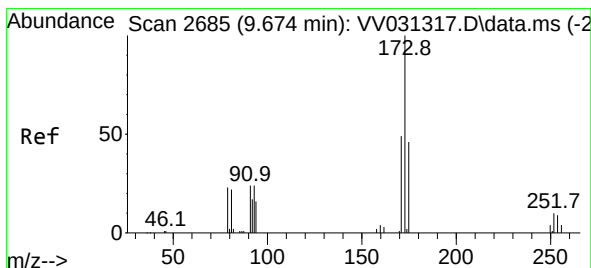
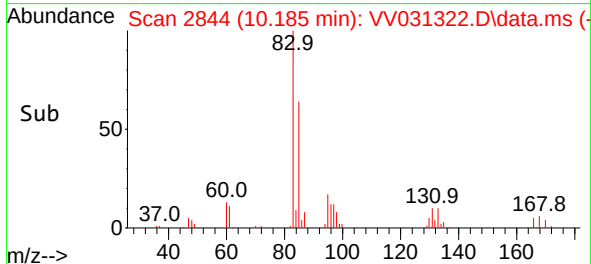
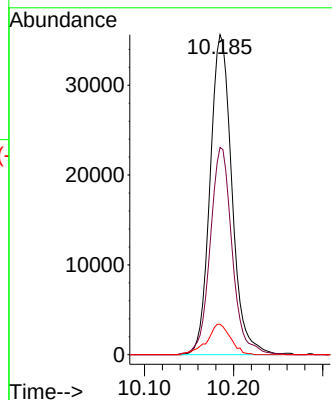
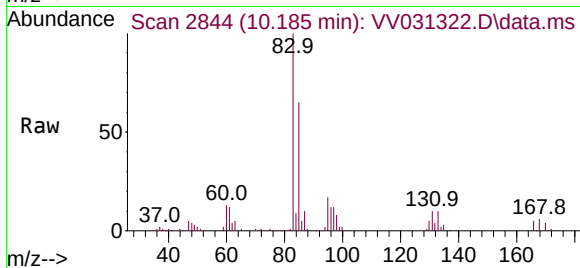
Tgt Ion: 83 Resp: 60502

Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6

131 9.5 7.3 10.9



#59

Bromoform

Concen: 5.031 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

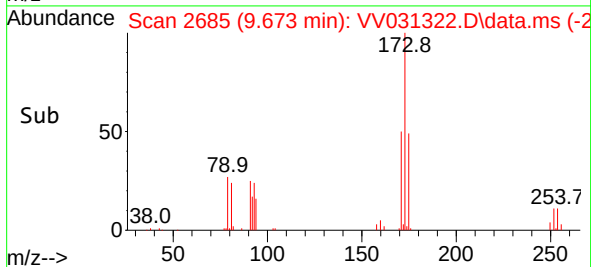
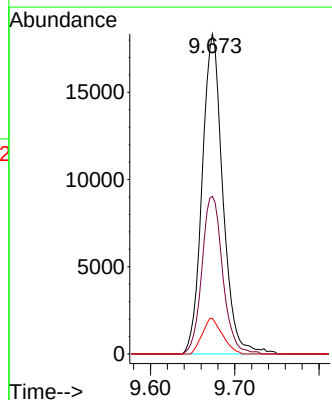
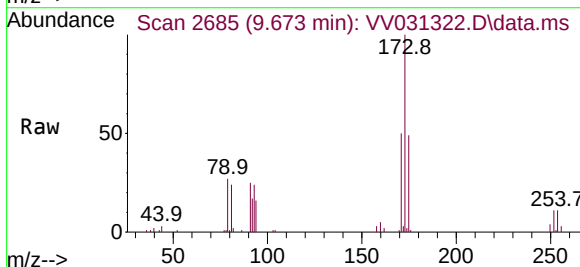
Tgt Ion: 173 Resp: 31320

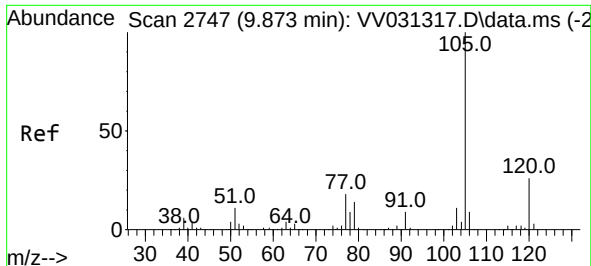
Ion Ratio Lower Upper

173 100

175 49.6 38.9 58.3

254 10.9 7.8 11.8

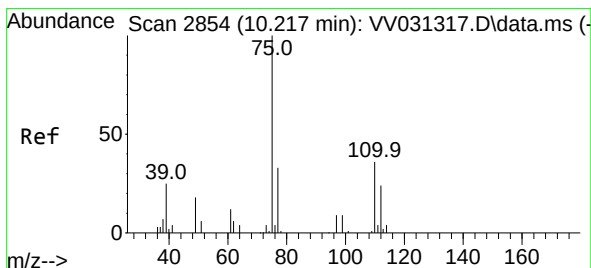
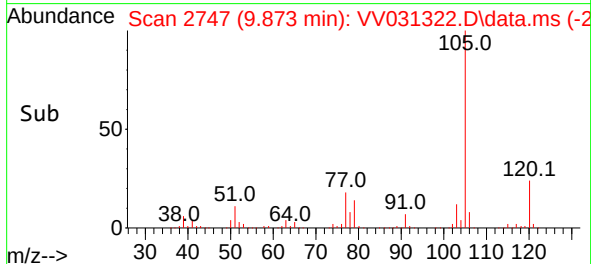
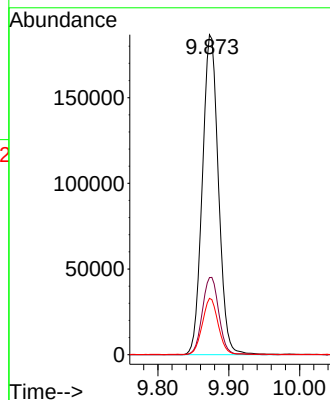
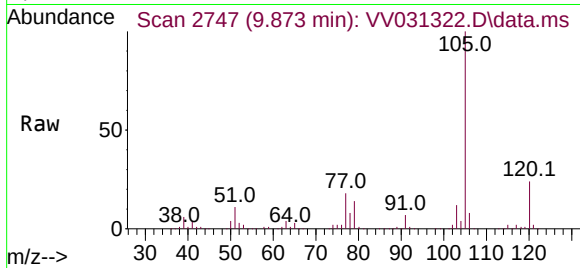




#60
Isopropylbenzene
Concen: 5.296 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

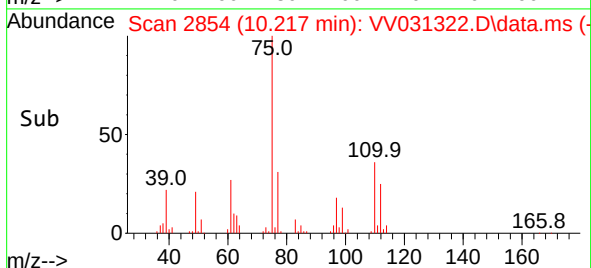
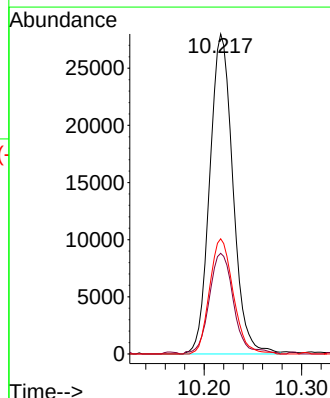
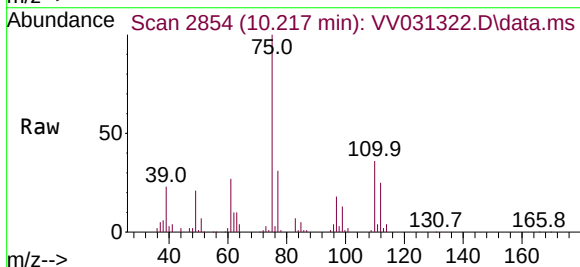
Instrument :
MSVOA_V
ClientSampleId :
VICV259

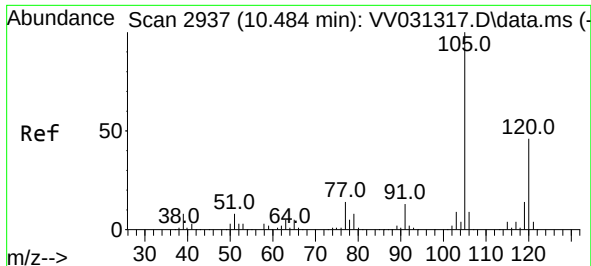
Tgt Ion:105 Resp: 293922
Ion Ratio Lower Upper
105 100
120 24.8 19.9 29.9
77 17.1 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.896 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion: 75 Resp: 46218
Ion Ratio Lower Upper
75 100
77 33.0 27.3 40.9
110 36.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 5.171 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

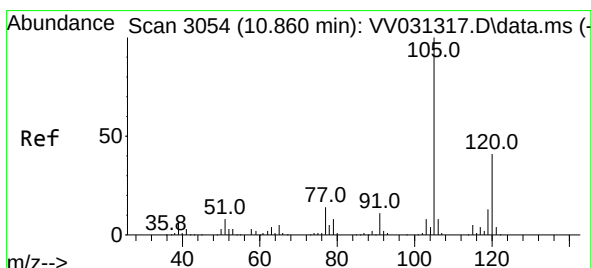
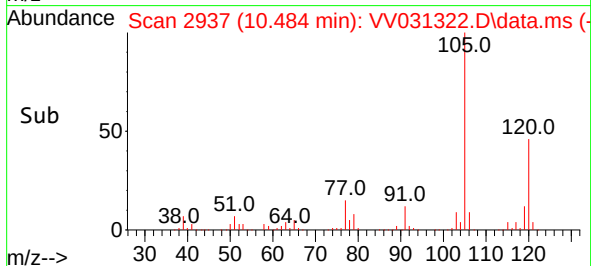
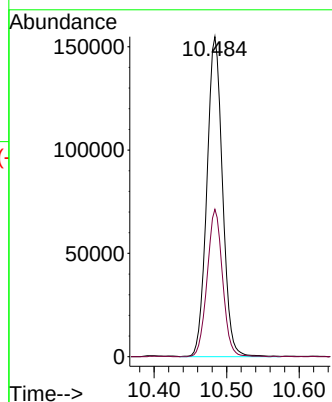
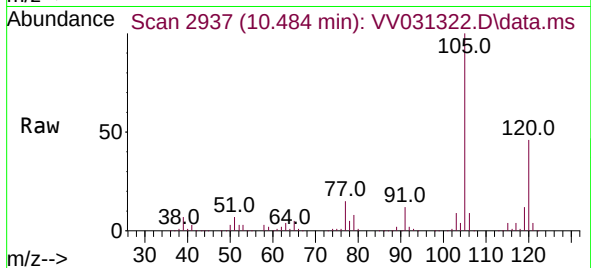
VICV259

Tgt Ion:105 Resp: 232541

Ion Ratio Lower Upper

105 100

120 45.4 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.236 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV031322.D

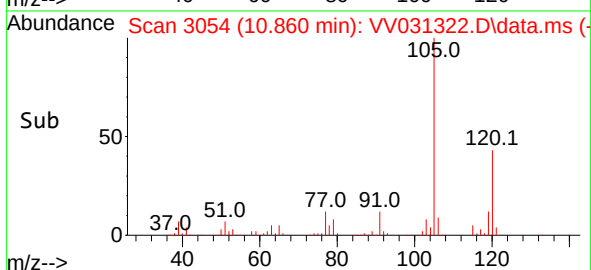
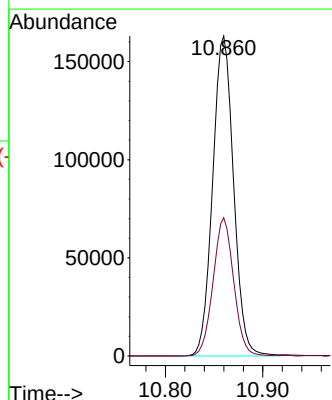
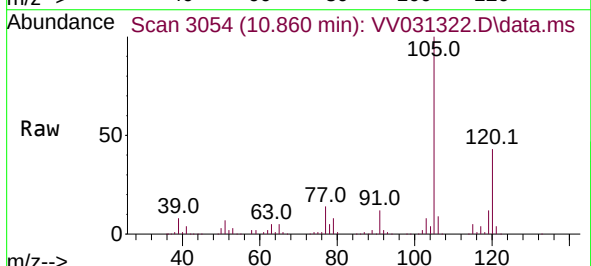
Acq: 01 Jun 2023 17:01

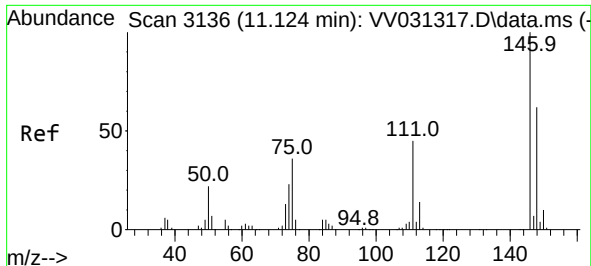
Tgt Ion:105 Resp: 243068

Ion Ratio Lower Upper

105 100

120 42.4 33.2 49.8

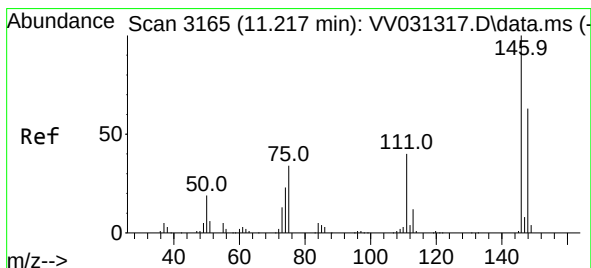
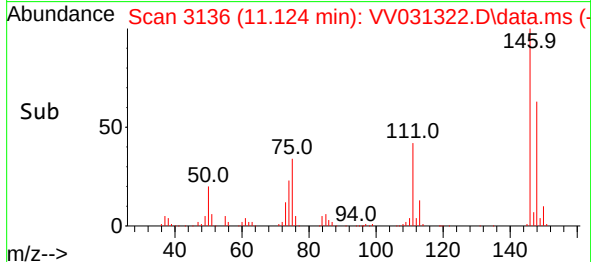
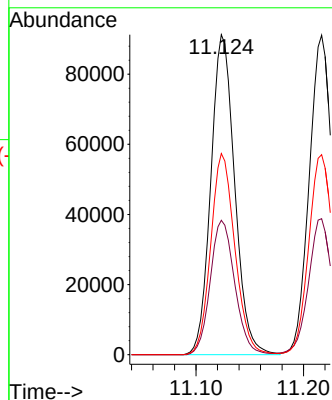
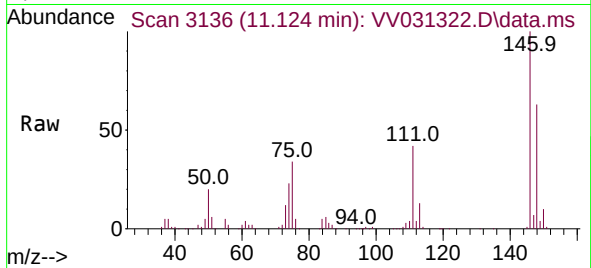




#64
 1,3-Dichlorobenzene
 Concen: 5.240 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

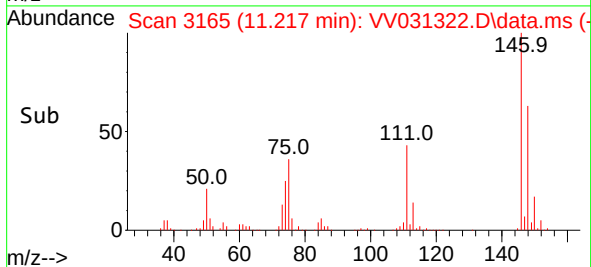
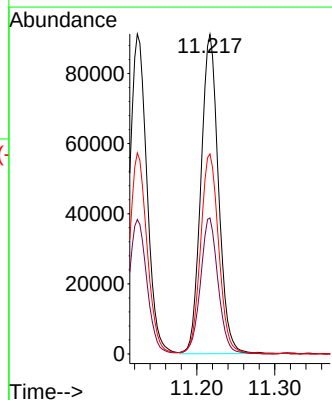
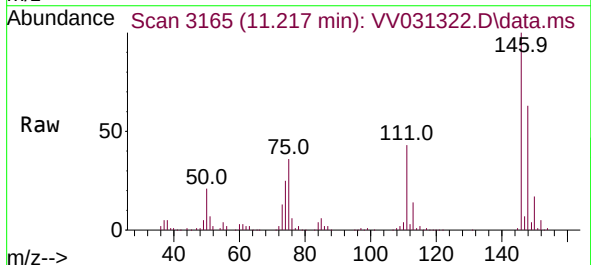
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

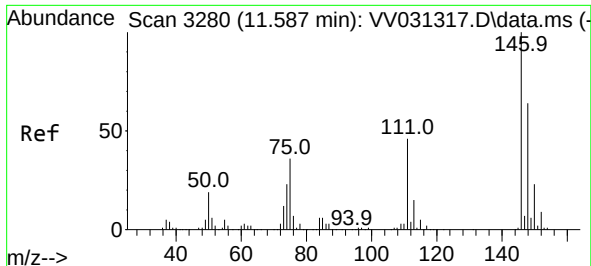
Tgt Ion:146 Resp: 140848
 Ion Ratio Lower Upper
 146 100
 111 42.0 31.1 57.9
 148 62.8 43.6 81.0



#65
 1,4-Dichlorobenzene
 Concen: 5.056 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

Tgt Ion:146 Resp: 142317
 Ion Ratio Lower Upper
 146 100
 111 42.5 28.4 52.8
 148 62.6 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 5.007 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

VICV259

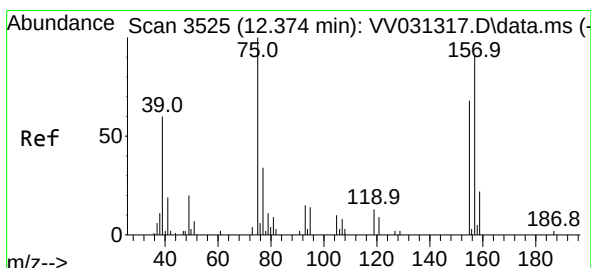
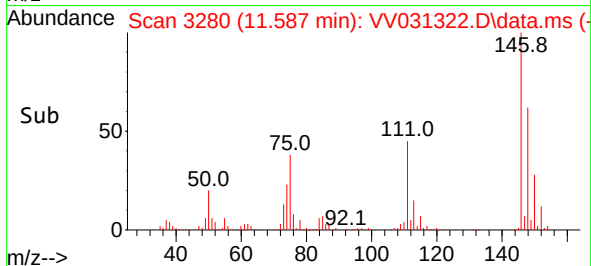
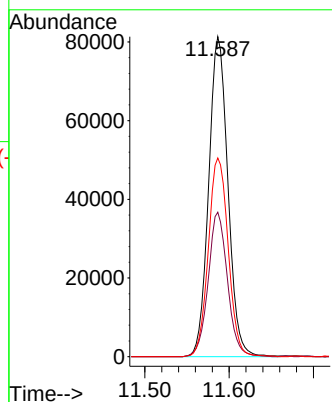
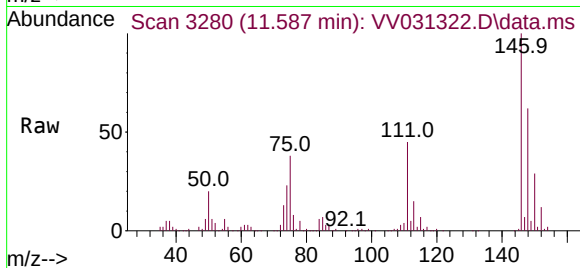
Tgt Ion:146 Resp: 129111

Ion Ratio Lower Upper

146 100

111 45.1 36.6 54.8

148 62.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.560 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV031322.D

Acq: 01 Jun 2023 17:01

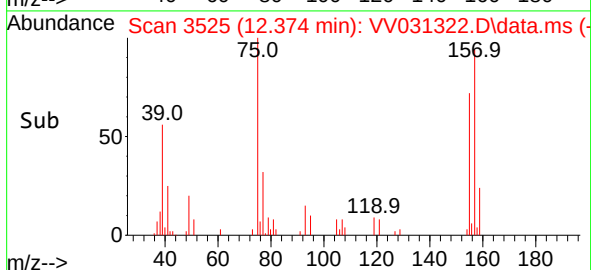
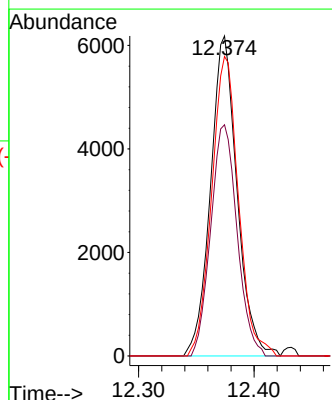
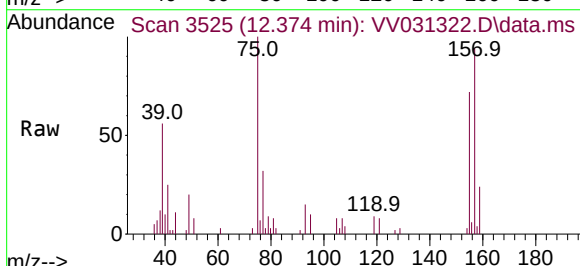
Tgt Ion: 75 Resp: 9873

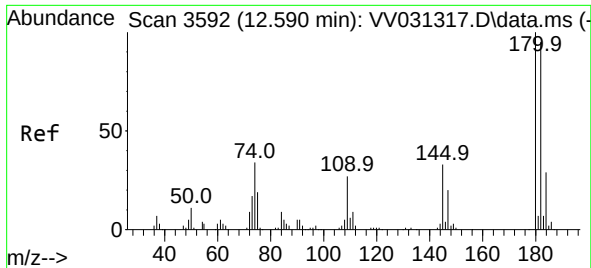
Ion Ratio Lower Upper

75 100

155 72.3 54.6 82.0

157 93.6 72.7 109.1

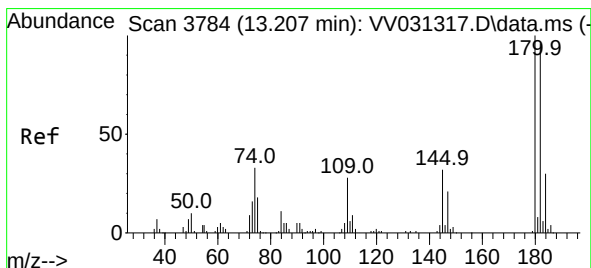
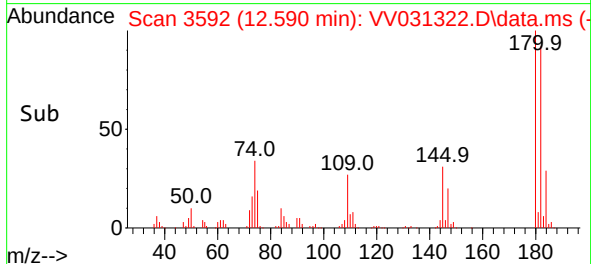
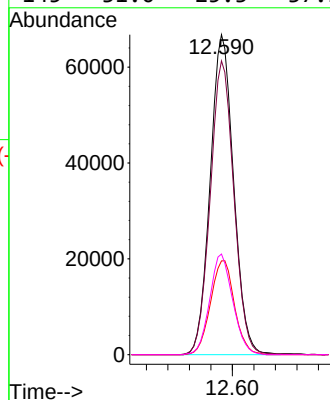
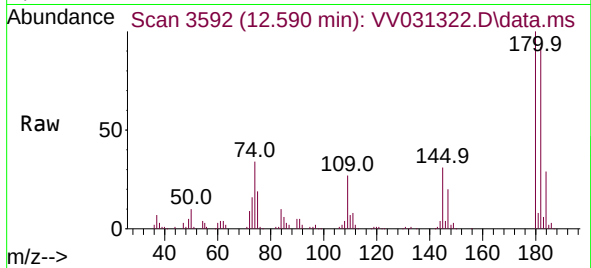




#69
 1,3,5-Trichlorobenzene
 Concen: 5.050 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

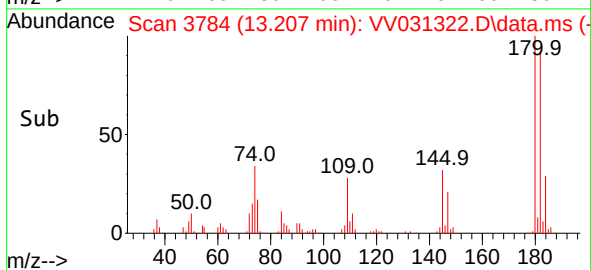
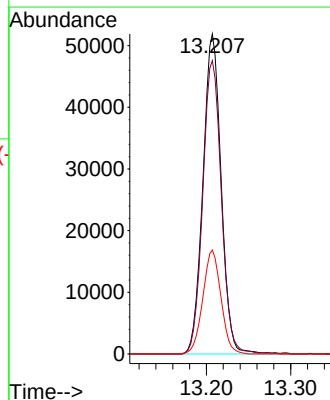
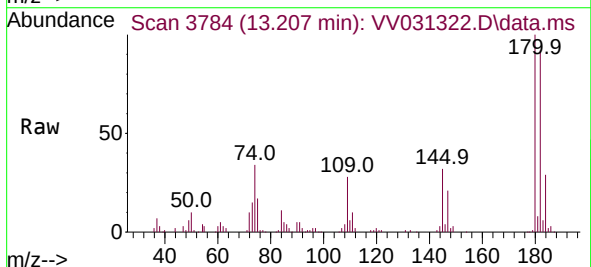
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

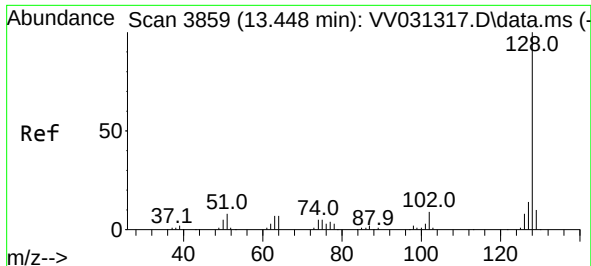
Tgt Ion:180 Resp: 100863
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.1 114.1
 184 30.1 23.8 35.6
 145 31.0 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.882 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV031322.D
 Acq: 01 Jun 2023 17:01

Tgt Ion:180 Resp: 78198
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.7 115.1
 145 32.3 26.3 39.5

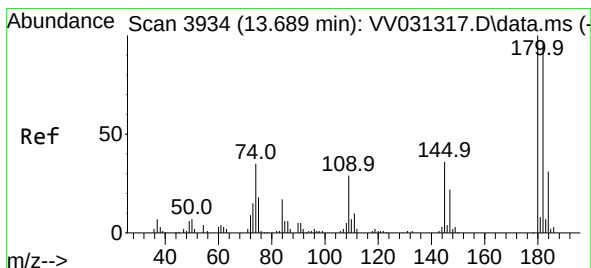
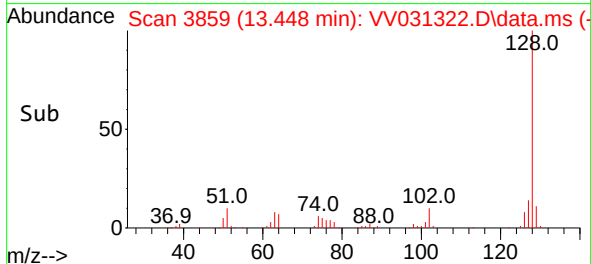
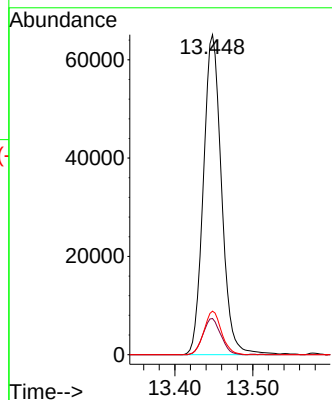
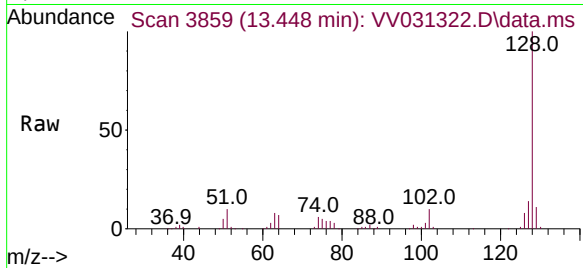




#71
Naphthalene
Concen: 4.277 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Instrument :
MSVOA_V
ClientSampleId :
VICV259

Tgt Ion:128 Resp: 105098
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 11.4 17.2



#72
1,2,3-Trichlorobenzene
Concen: 4.777 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV031322.D
Acq: 01 Jun 2023 17:01

Tgt Ion:180 Resp: 68630
Ion Ratio Lower Upper
180 100
182 98.9 75.4 113.0
145 34.8 27.8 41.6

