

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
 Data File : VW031491.D
 Acq On : 09 Jun 2023 13:01
 Operator : SY/MD
 Sample : 03098-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MSD

Quant Time: Jun 10 01:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	235067	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	237443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	144893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69101	33.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.820%
7) Chloroethane-d5	1.532	69	71071	42.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	2.063	65	39095	39.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.760%
21) 2-Butanone-d5	3.793	46	148411	99.293	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.290%
24) Chloroform-d	4.256	84	193934	49.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.947	65	129295	48.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
32) Benzene-d6	4.966	84	330718	47.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	5.995	67	119602	49.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	7.249	98	308735	47.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	7.558	79	55749	45.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.840%
47) 2-Hexanone-d5	8.031	63	89418	97.431	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.430%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147690	48.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.060%
66) 1,2-Dichlorobenzene-d4	11.567	152	126315	46.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	48396	51.340	ug/L	100
3) Chloromethane	1.217	50	38223	49.966	ug/L	96
5) Vinyl chloride	1.285	62	46538	50.990	ug/L	99
6) Bromomethane	1.487	94	28307	51.603	ug/L	99
8) Chloroethane	1.548	64	37989	51.661	ug/L	94
9) Trichlorofluoromethane	1.716	101	116263	52.775	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74801	52.505	ug/L	97
12) 1,1-Dichloroethene	2.073	96	48576	51.799	ug/L	90
13) Acetone	2.118	43	100957	75.503	ug/L	98
14) Carbon disulfide	2.243	76	36161	45.080	ug/L	100
15) Methyl Acetate	2.375	43	108439	53.706	ug/L	99
16) Methylene chloride	2.449	84	73969	52.254	ug/L	94
17) trans-1,2-Dichloroethene	2.700	96	47639	53.580	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	297974	54.523	ug/L	100
19) 1,1-Dichloroethane	3.118	63	169027	54.959	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	78768	54.491	ug/L	99
22) 2-Butanone	3.876	43	148319	90.252	ug/L	95
23) Bromochloromethane	4.156	128	42673	56.138	ug/L	93
25) Chloroform	4.281	83	188076	54.840	ug/L	96

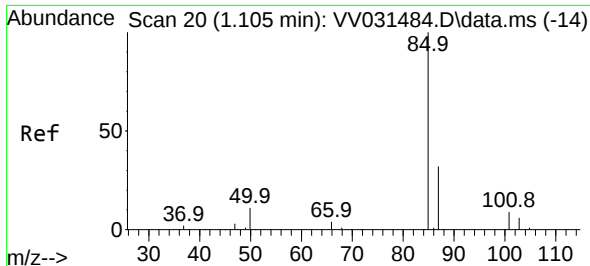
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
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 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	140152	55.966	ug/L	98
29) Cyclohexane	4.590	56	63537	49.962	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	153156	54.645	ug/L	99
31) Carbon tetrachloride	4.741	117	123741	53.147	ug/L	98
33) Benzene	5.015	78	285355	54.466	ug/L	100
34) Trichloroethene	5.838	95	92510	56.046	ug/L	98
35) Methylcyclohexane	6.056	83	68752	48.701	ug/L	99
37) 1,2-Dichloropropane	6.098	63	108624	57.602	ug/L	98
38) Bromodichloromethane	6.439	83	149451	54.147	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	147047	52.192	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	344949	112.604	ug/L	99
42) Toluene	7.320	91	329525	56.192	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	158620	55.507	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	108162	55.490	ug/L	99
46) Tetrachloroethene	7.912	164	58746	54.823	ug/L	94
48) 2-Hexanone	8.082	43	262465	109.459	ug/L	98
49) Dibromochloromethane	8.182	129	119082	56.004	ug/L	97
50) 1,2-Dibromoethane	8.288	107	102650	54.702	ug/L	99
51) Chlorobenzene	8.818	112	239388	53.687	ug/L	99
52) Ethylbenzene	8.953	91	400309	54.850	ug/L	100
53) m,p-Xylene	9.079	106	145012	55.137	ug/L	95
54) o-Xylene	9.484	106	147112	55.448	ug/L	98
55) Styrene	9.500	104	286703	59.272	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	151819	50.810	ug/L	97
59) Bromoform	9.670	173	95784	51.592	ug/L	98
60) Isopropylbenzene	9.873	105	434731	52.507	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	150450	51.293	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	362642	53.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	368479	53.837	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	223161	52.658	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	231892	51.732	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	230308	53.013	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	38116	49.027	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	166340	50.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	145047	52.110	ug/L	99
71) Naphthalene	13.445	128	377295	49.454	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	147978	53.038	ug/L	99

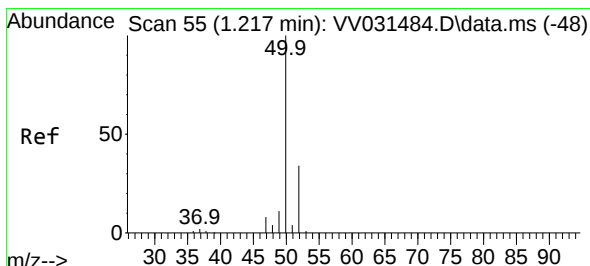
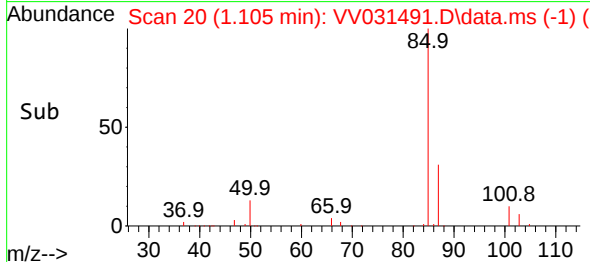
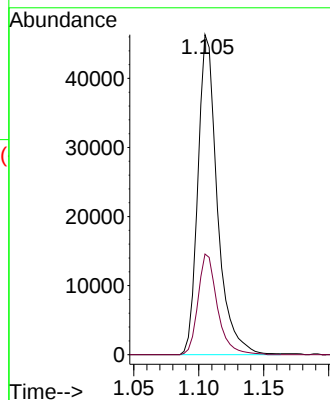
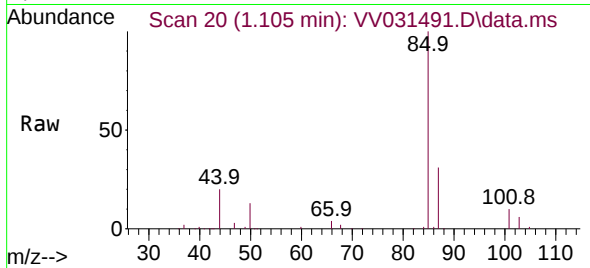
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#2
 Dichlorodifluoromethane
 Concen: 51.340 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031491.D
 Acq: 09 Jun 2023 13:01

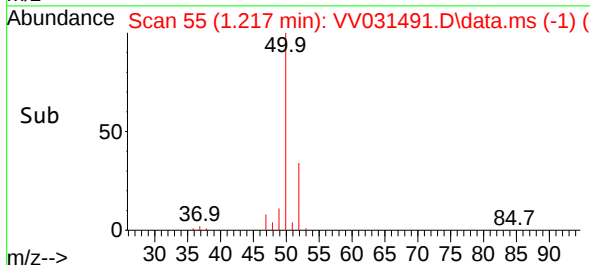
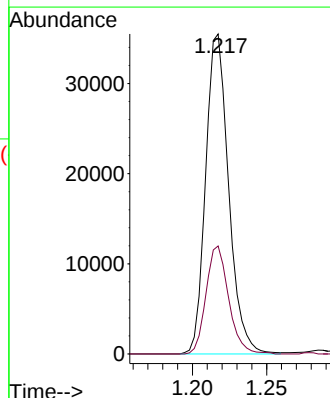
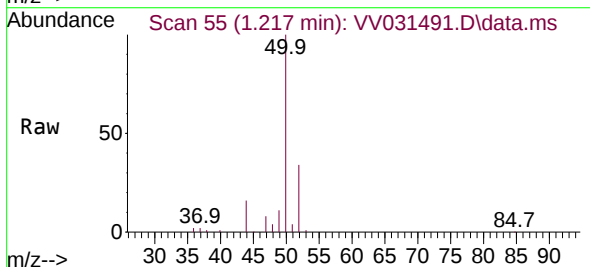
Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MSD

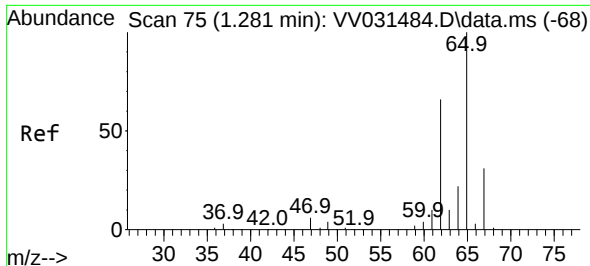
Tgt Ion: 85 Resp: 48396
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.0 37.6



#3
 Chloromethane
 Concen: 49.966 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031491.D
 Acq: 09 Jun 2023 13:01

Tgt Ion: 50 Resp: 38223
 Ion Ratio Lower Upper
 50 100
 52 33.7 21.9 40.7

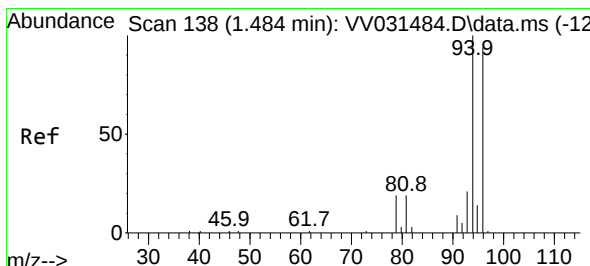
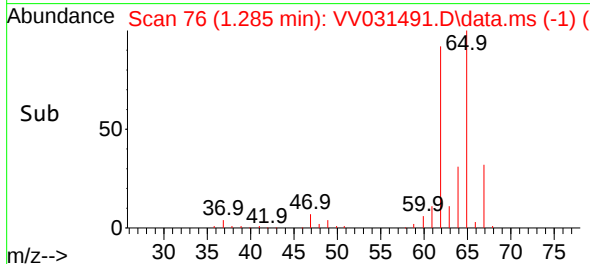
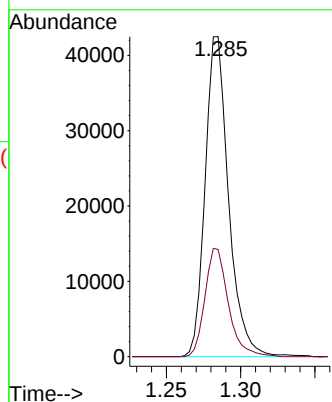
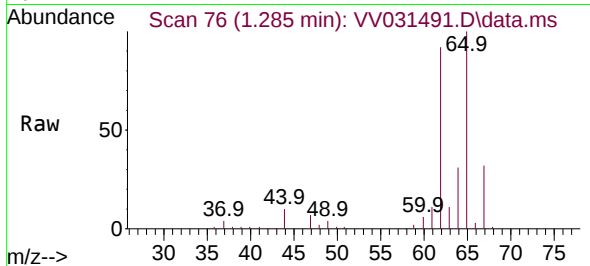




#5
 Vinyl chloride
 Concen: 50.990 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV031491.D
 Acq: 09 Jun 2023 13:01

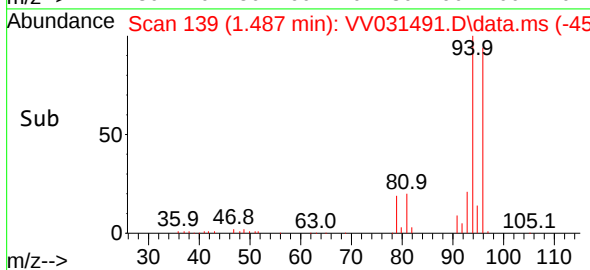
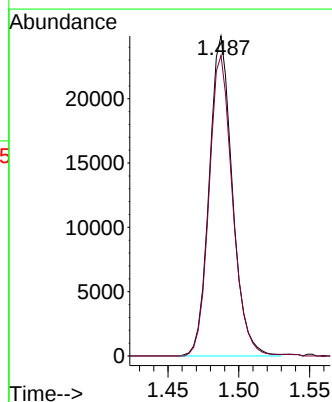
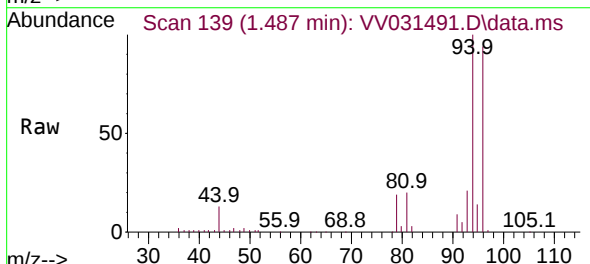
Instrument :
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 ClientSampleId :
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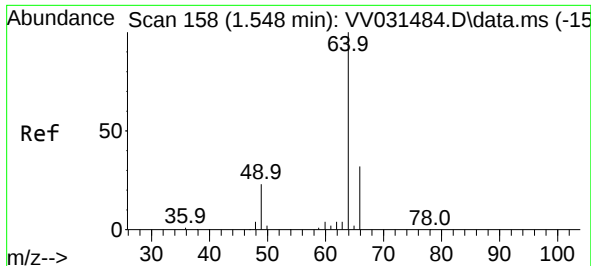
Tgt Ion: 62 Resp: 46538
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 43.9



#6
 Bromomethane
 Concen: 51.603 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV031491.D
 Acq: 09 Jun 2023 13:01

Tgt Ion: 94 Resp: 28307
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.4 121.4

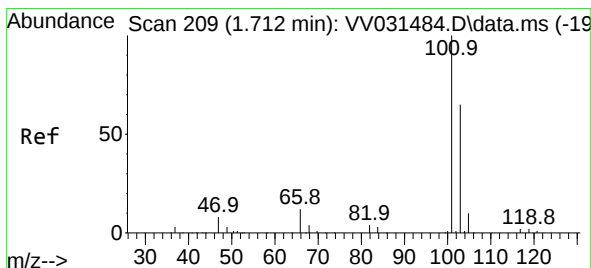
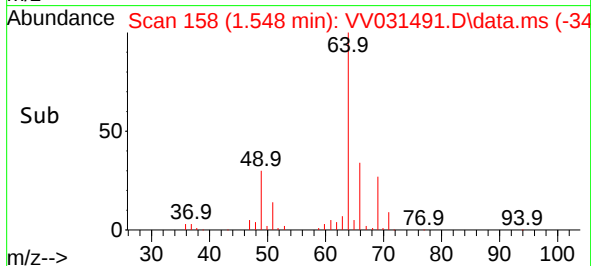
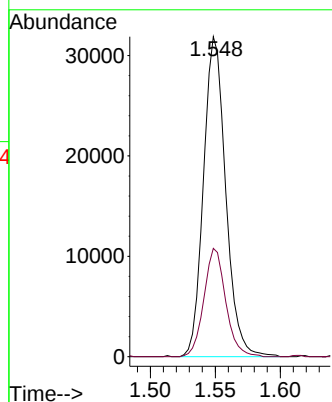
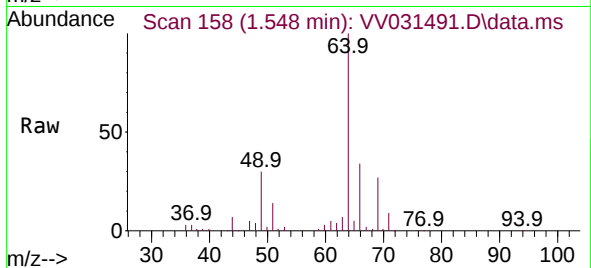




#8
Chloroethane
Concen: 51.661 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

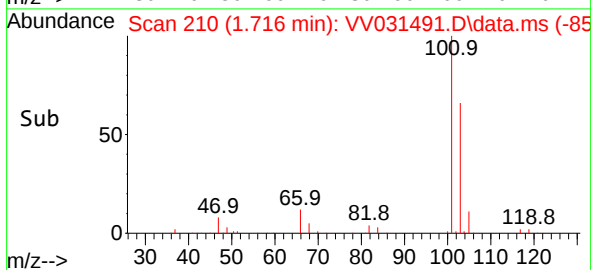
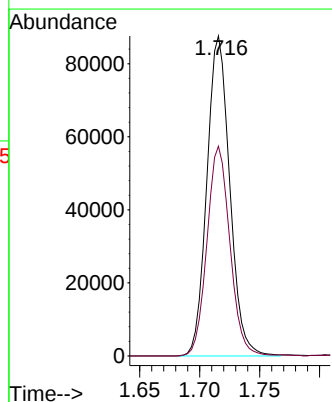
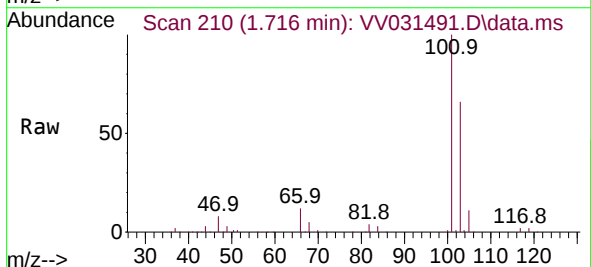
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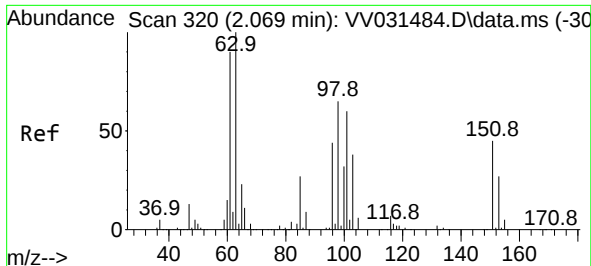
Tgt Ion: 64 Resp: 37989
Ion Ratio Lower Upper
64 100
66 33.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 52.775 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion:101 Resp: 116263
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6





#10

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

Concen: 52.505 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

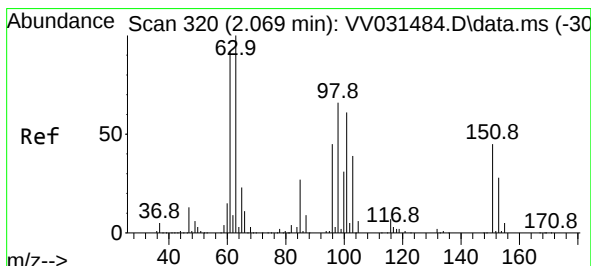
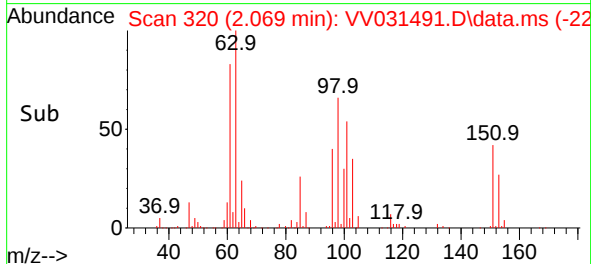
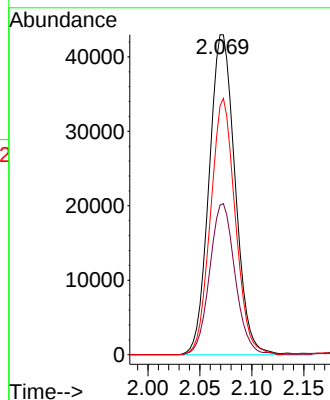
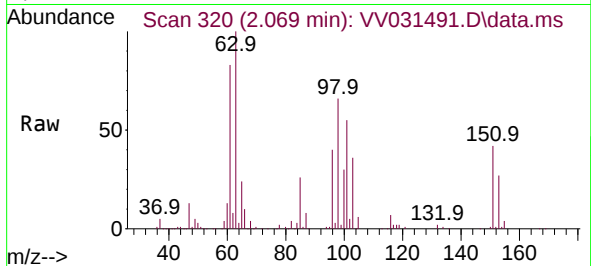
Tgt Ion:101 Resp: 74801

Ion Ratio Lower Upper

101 100

85 45.9 37.3 55.9

151 76.2 57.8 86.6



#12

1,1-Dichloroethene

Concen: 51.799 ug/L

RT: 2.073 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

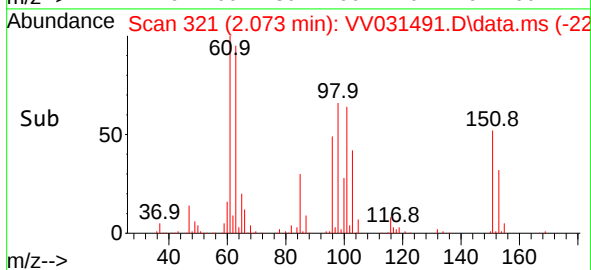
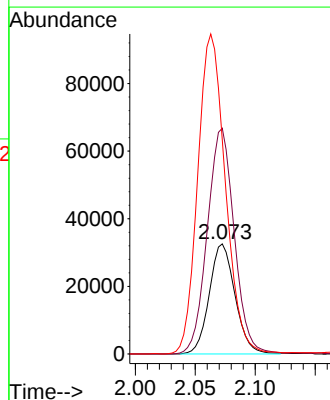
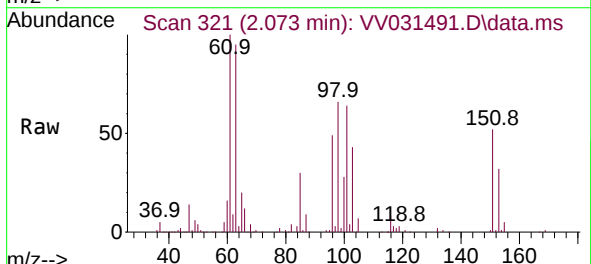
Tgt Ion: 96 Resp: 48576

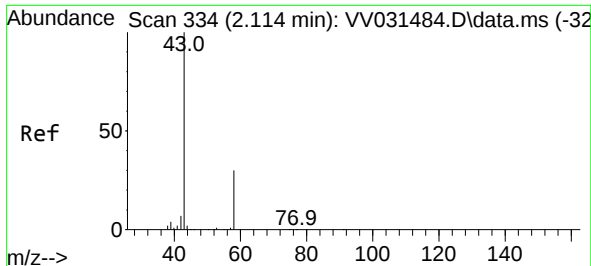
Ion Ratio Lower Upper

96 100

61 205.1 143.9 267.3

63 194.5 158.3 293.9





#13

Acetone

Concen: 75.503 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

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MSVOA_V

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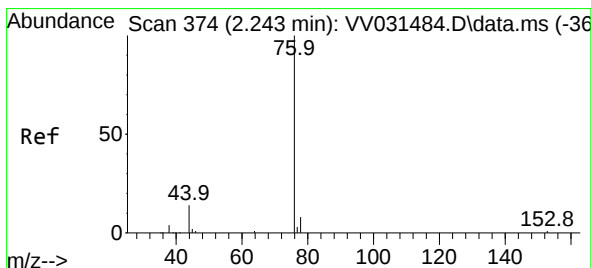
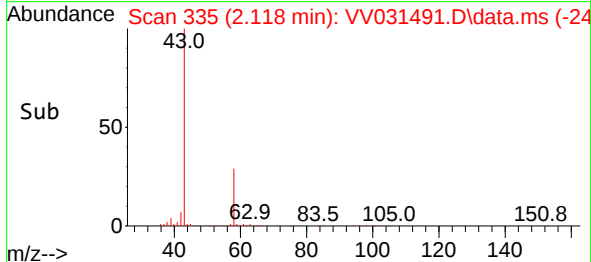
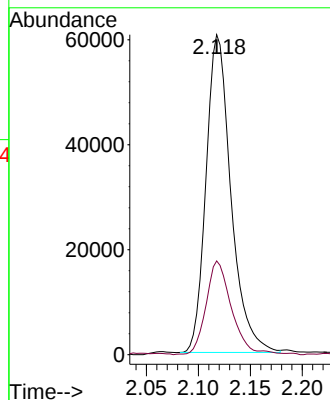
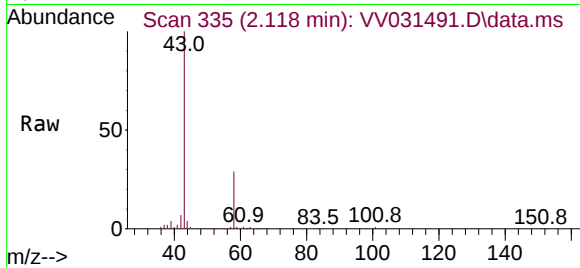
EZEP9MSD

Tgt Ion: 43 Resp: 100957

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.0



#14

Carbon disulfide

Concen: 45.080 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031491.D

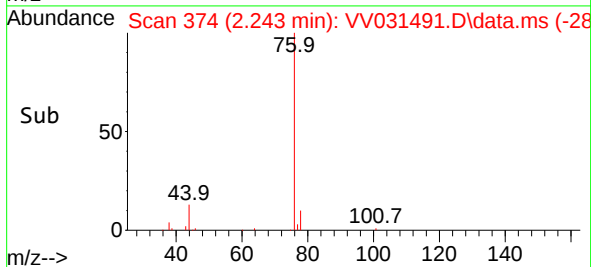
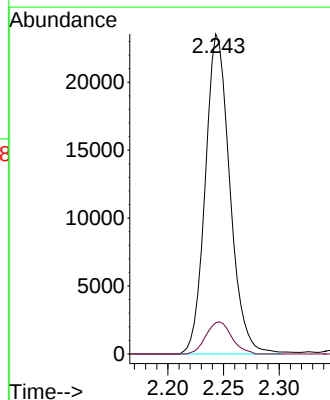
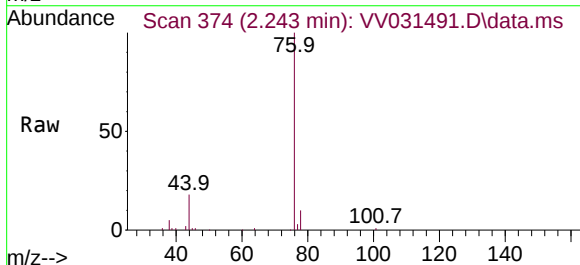
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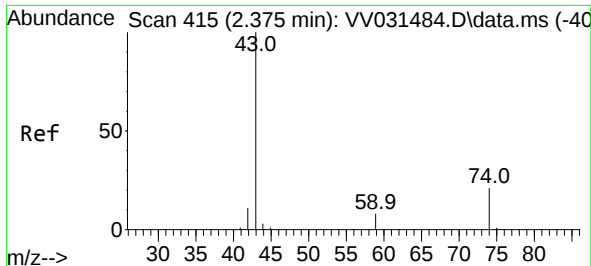
Tgt Ion: 76 Resp: 36161

Ion Ratio Lower Upper

76 100

78 9.8 7.9 11.9

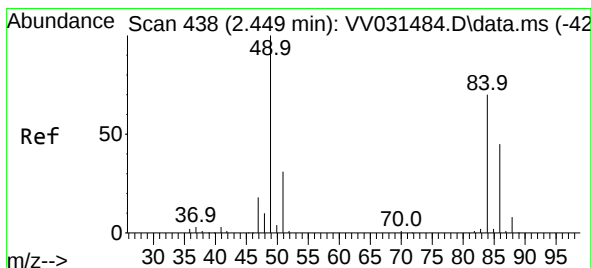
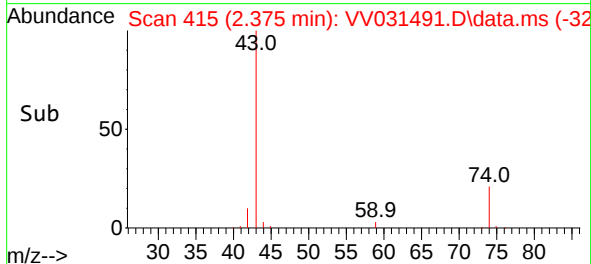
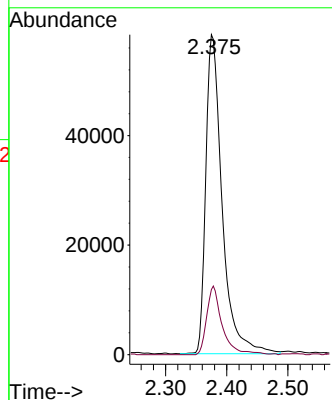
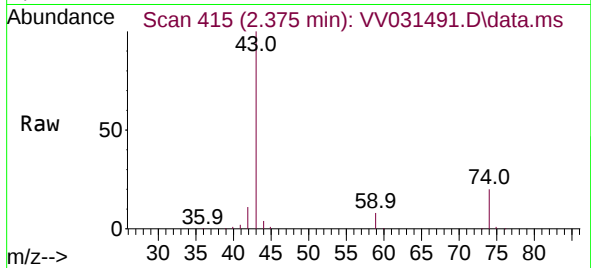




#15
Methyl Acetate
Concen: 53.706 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

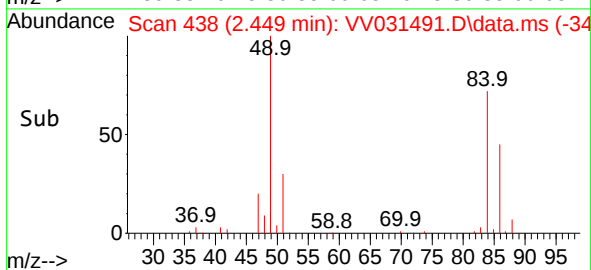
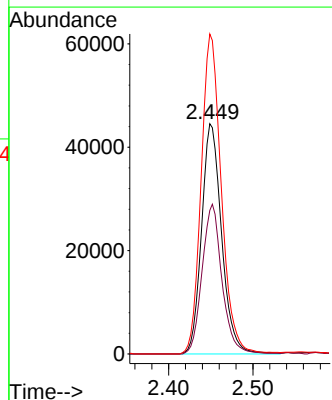
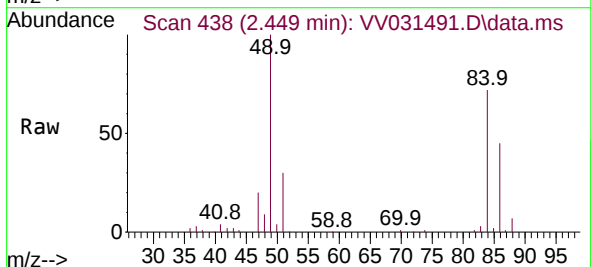
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

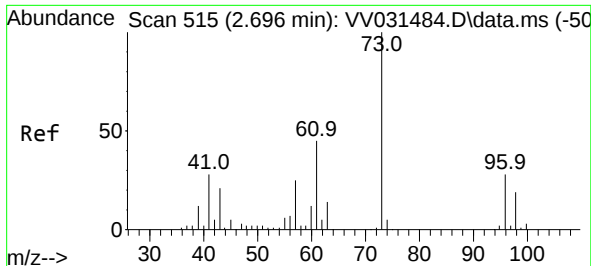
Tgt Ion: 43 Resp: 108439
Ion Ratio Lower Upper
43 100
74 19.5 16.0 24.0



#16
Methylene chloride
Concen: 52.254 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 84 Resp: 73969
Ion Ratio Lower Upper
84 100
86 62.4 46.1 85.5
49 139.0 102.7 190.7

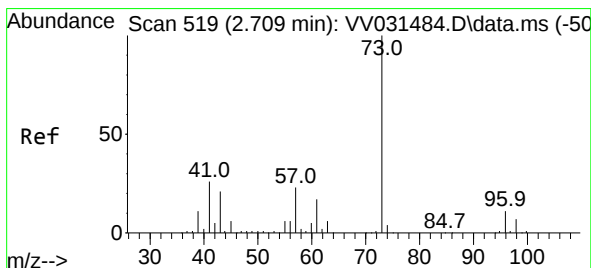
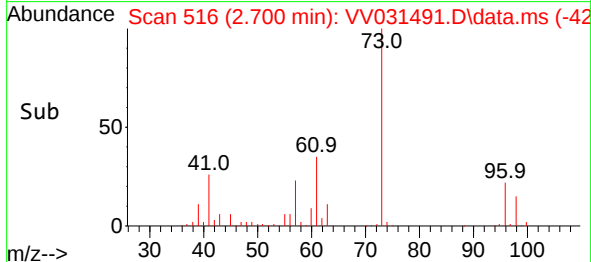
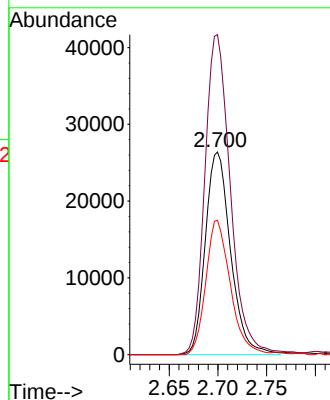
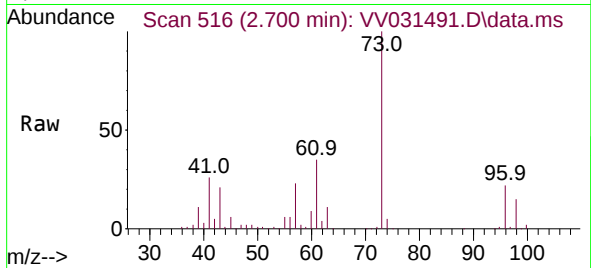




#17
trans-1,2-Dichloroethene
Concen: 53.580 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

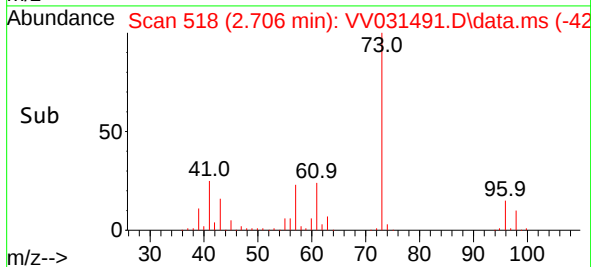
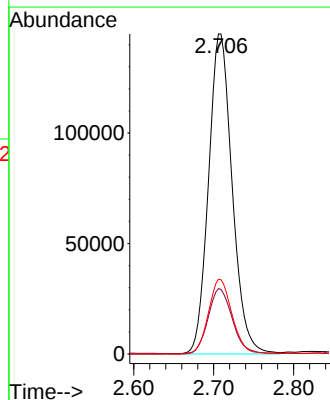
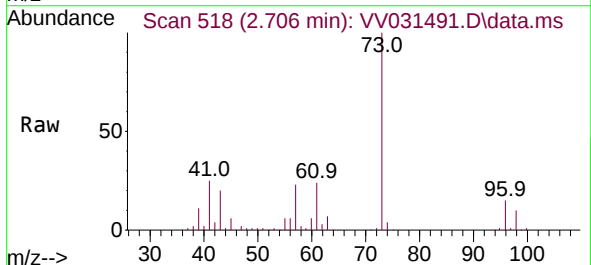
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

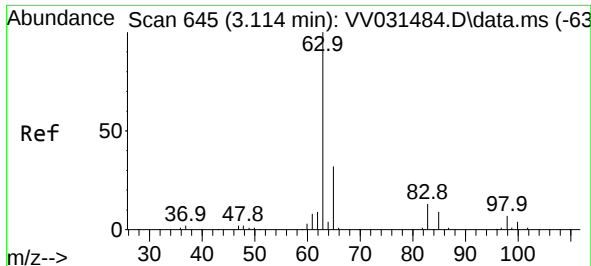
Tgt Ion: 96 Resp: 47639
Ion Ratio Lower Upper
96 100
61 157.9 106.9 198.5
98 66.3 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 54.523 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 73 Resp: 297974
Ion Ratio Lower Upper
73 100
43 20.6 16.6 25.0
57 23.2 18.6 28.0





#19

1,1-Dichloroethane

Concen: 54.959 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

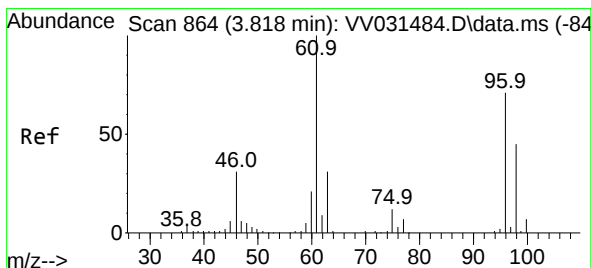
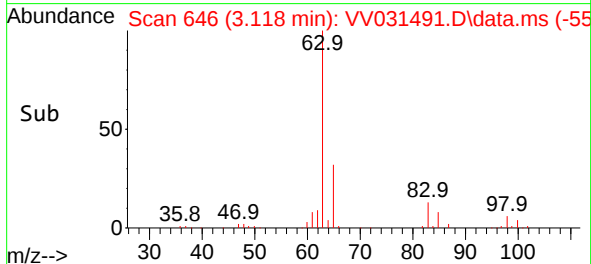
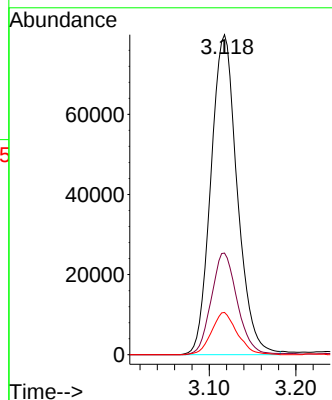
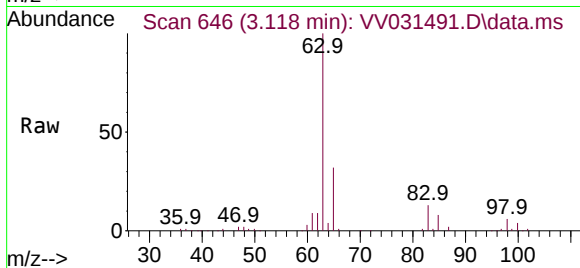
Tgt Ion: 63 Resp: 169027

Ion Ratio Lower Upper

63 100

65 31.8 21.4 39.8

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 54.491 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

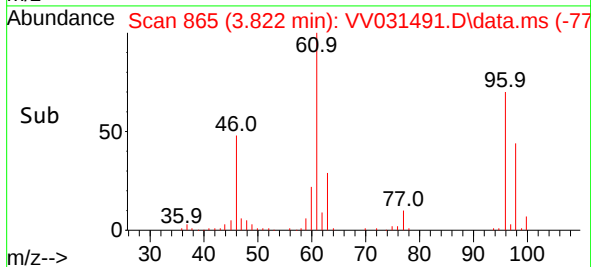
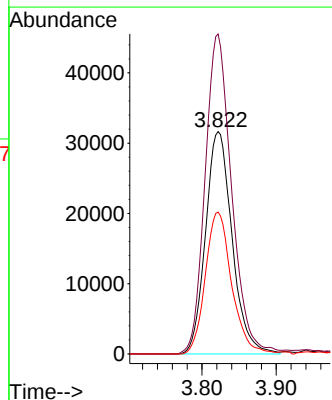
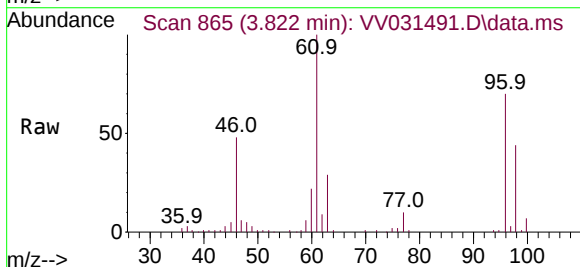
Tgt Ion: 96 Resp: 78768

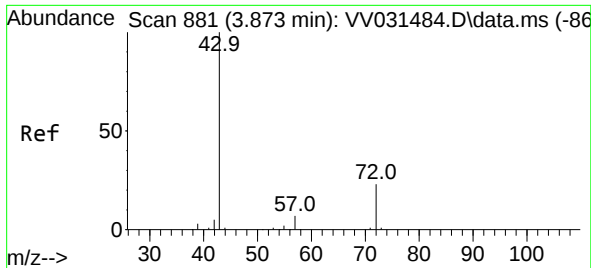
Ion Ratio Lower Upper

96 100

61 143.9 101.6 188.6

98 63.8 44.4 82.4

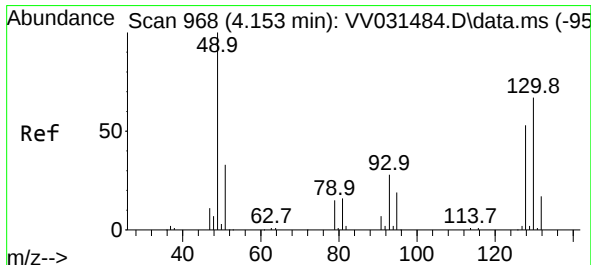
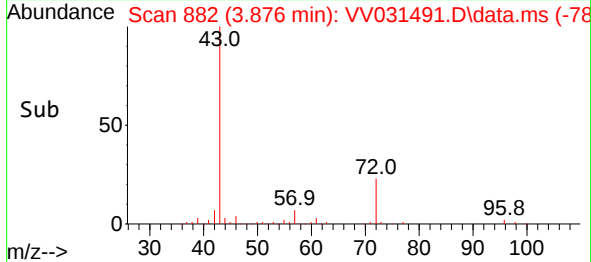
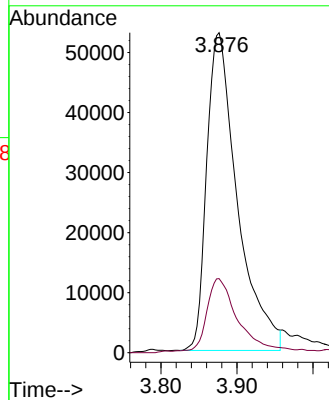
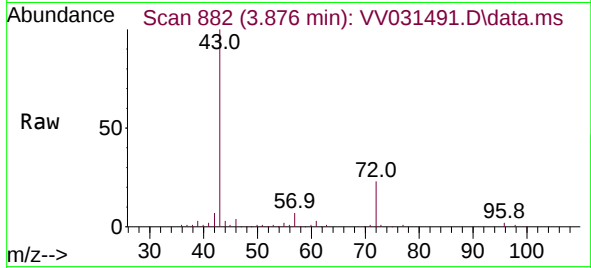




#22
2-Butanone
Concen: 90.252 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

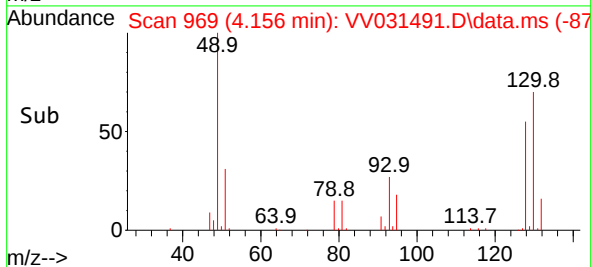
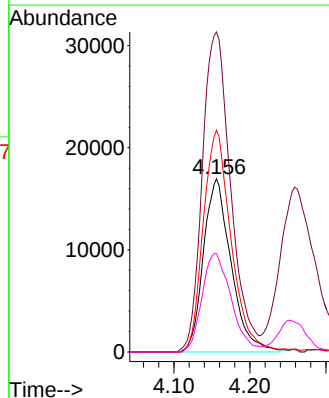
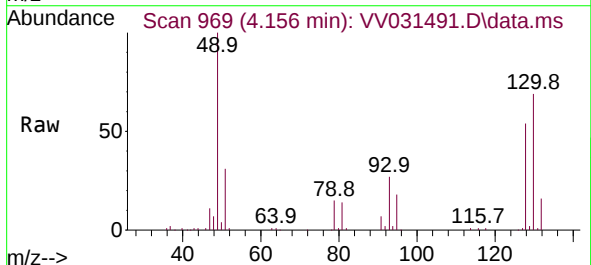
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

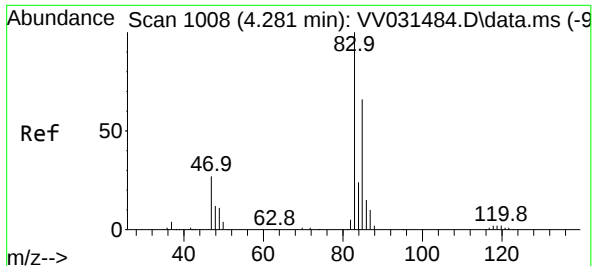
Tgt Ion: 43 Resp: 148319
Ion Ratio Lower Upper
43 100
72 23.4 10.4 31.4



#23
Bromochloromethane
Concen: 56.138 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion:128 Resp: 42673
Ion Ratio Lower Upper
128 100
49 184.8 138.2 256.6
130 128.1 91.4 169.8
51 56.7 51.8 77.6





#25

Chloroform

Concen: 54.840 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

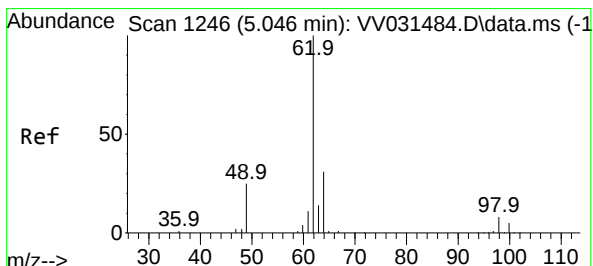
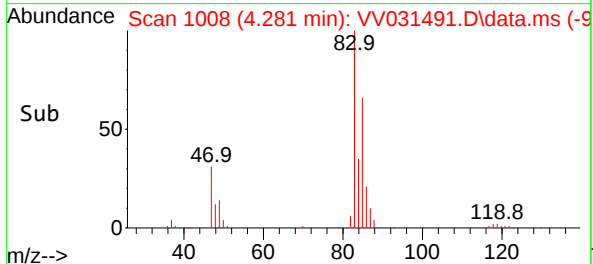
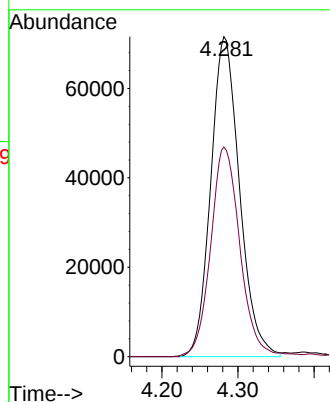
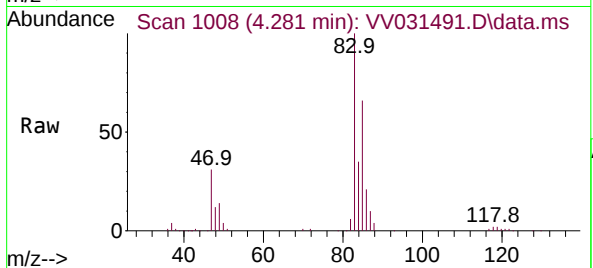
EZEP9MSD

Tgt Ion: 83 Resp: 188076

Ion Ratio Lower Upper

83 100

85 65.5 43.9 81.5



#27

1,2-Dichloroethane

Concen: 55.966 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV031491.D

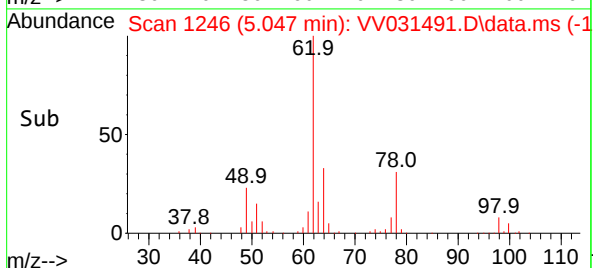
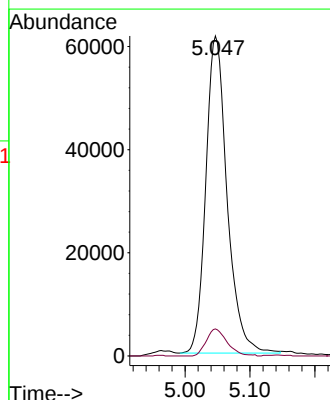
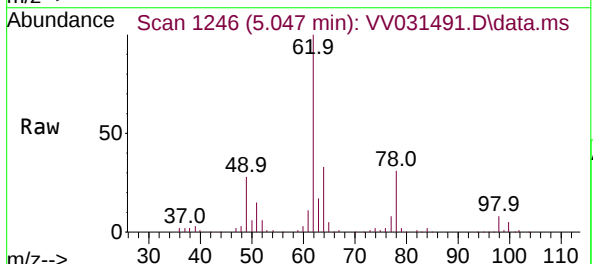
Acq: 09 Jun 2023 13:01

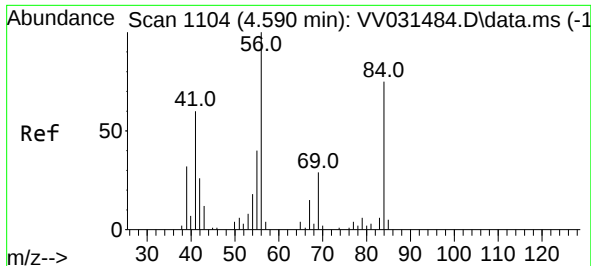
Tgt Ion: 62 Resp: 140152

Ion Ratio Lower Upper

62 100

98 8.5 6.2 9.4





#29

Cyclohexane

Concen: 49.962 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

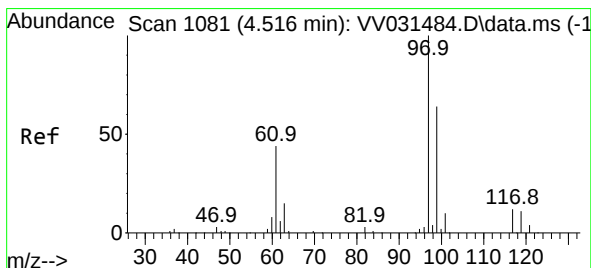
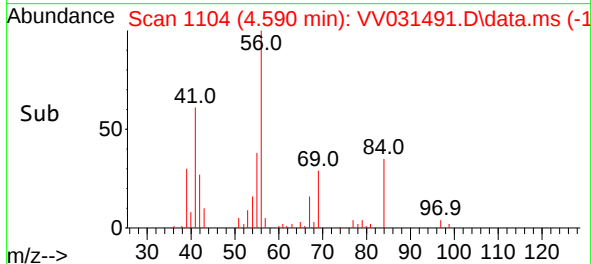
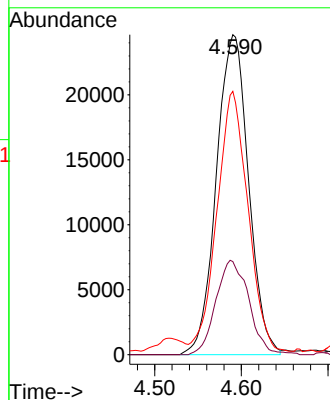
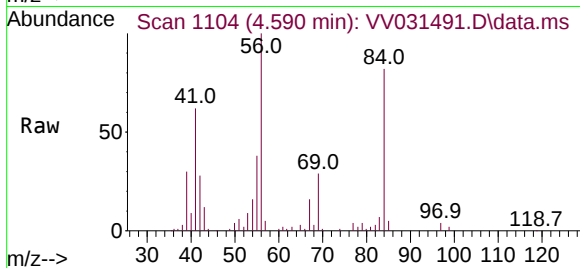
Tgt Ion: 56 Resp: 63537

Ion Ratio Lower Upper

56 100

69 30.2 23.5 35.3

84 77.9 61.3 91.9



#30

1,1,1-Trichloroethane

Concen: 54.645 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

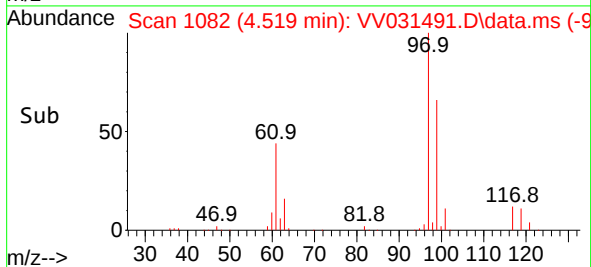
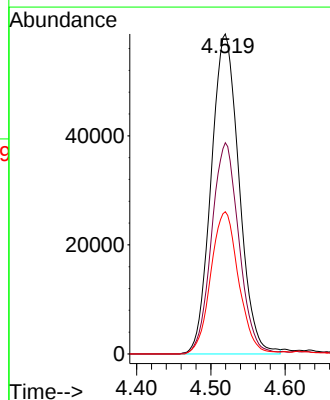
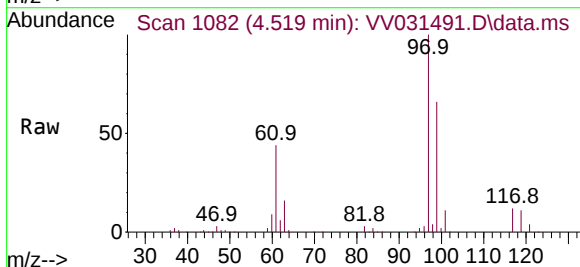
Tgt Ion: 97 Resp: 153156

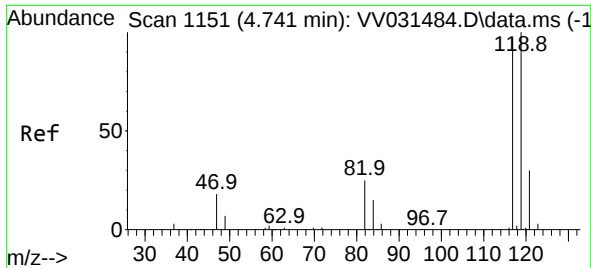
Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 44.4 36.1 54.1

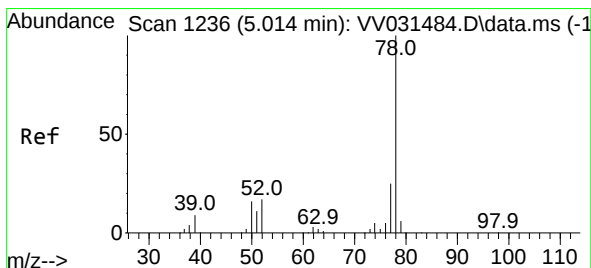
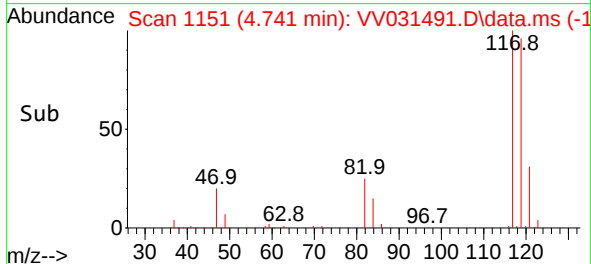
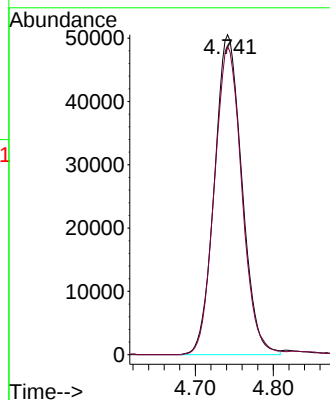
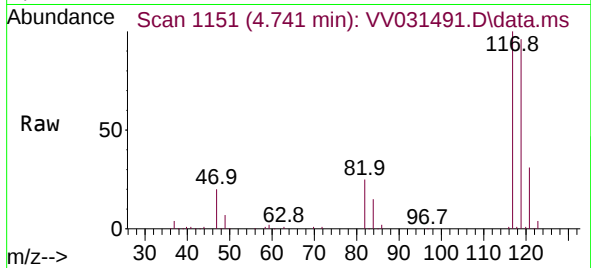




#31
Carbon tetrachloride
Concen: 53.147 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

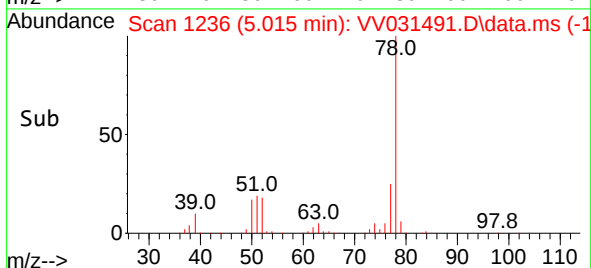
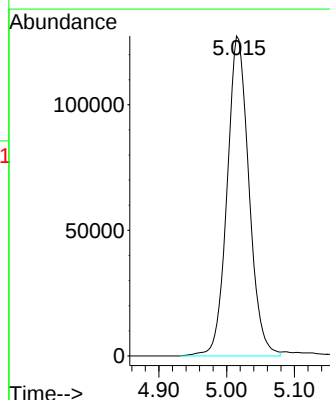
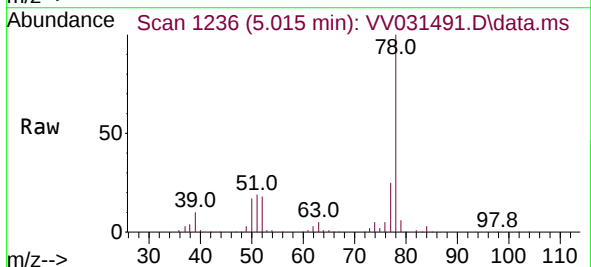
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

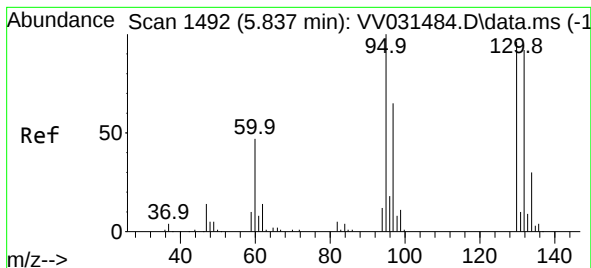
Tgt Ion:117 Resp: 123741
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6



#33
Benzene
Concen: 54.466 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 78 Resp: 285355





#34

Trichloroethene

Concen: 56.046 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

Tgt Ion: 95 Resp: 92510

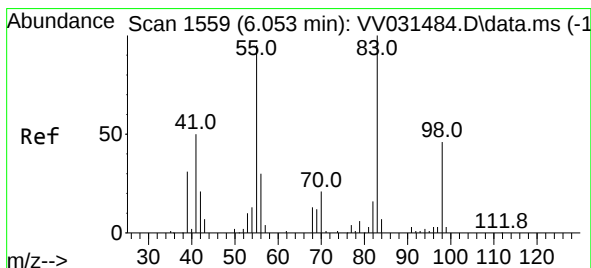
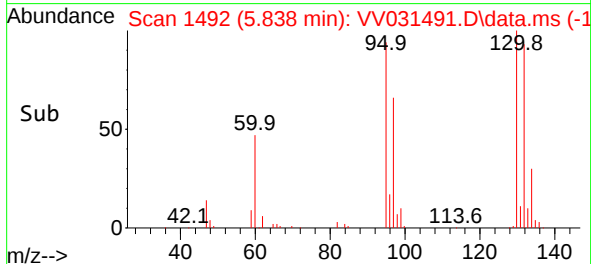
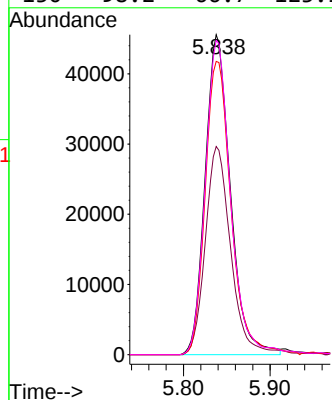
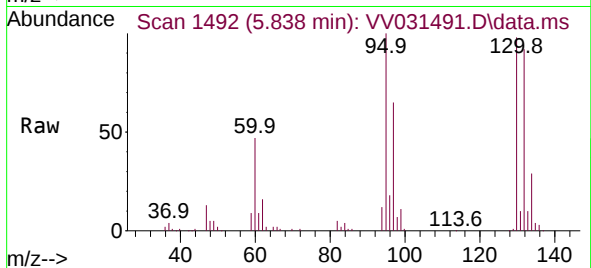
Ion Ratio Lower Upper

95 100

97 65.0 44.2 82.0

132 91.6 64.2 119.2

130 98.2 66.7 123.9



#35

Methylcyclohexane

Concen: 48.701 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.003 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

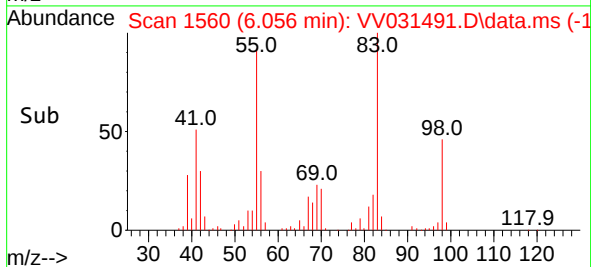
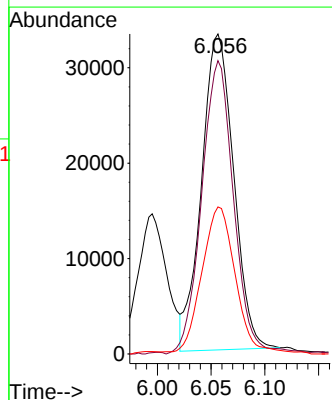
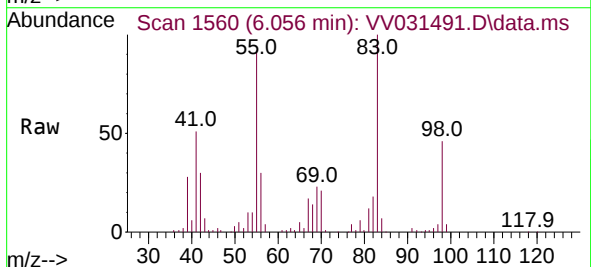
Tgt Ion: 83 Resp: 68752

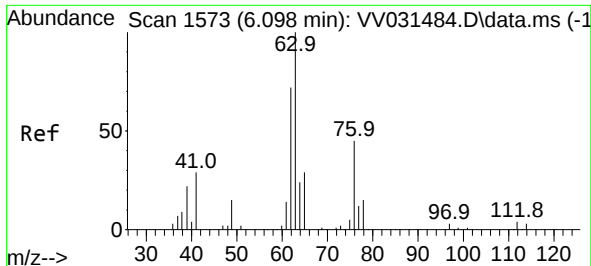
Ion Ratio Lower Upper

83 100

55 91.4 73.9 110.9

98 47.6 37.0 55.4





#37

1,2-Dichloropropane

Concen: 57.602 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

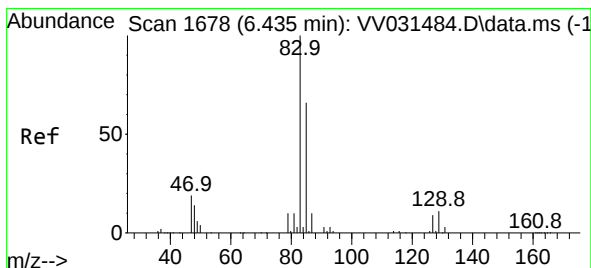
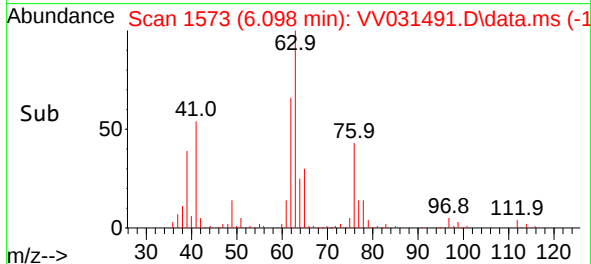
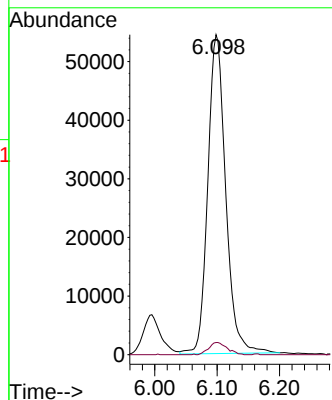
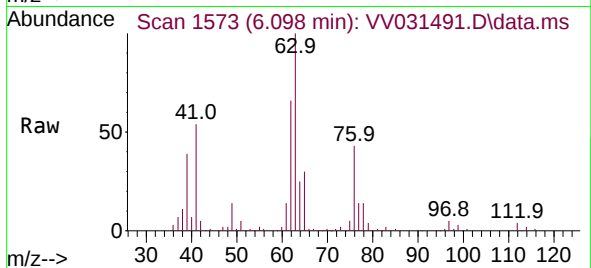
EZEP9MSD

Tgt Ion: 63 Resp: 108624

Ion Ratio Lower Upper

63 100

112 3.5 3.3 4.9



#38

Bromodichloromethane

Concen: 54.147 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

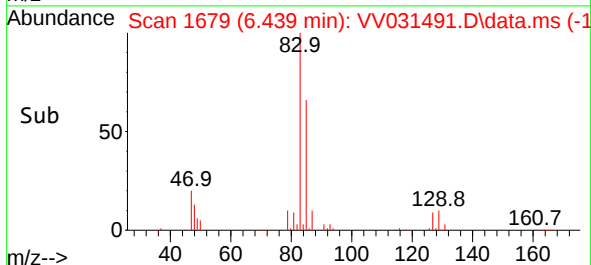
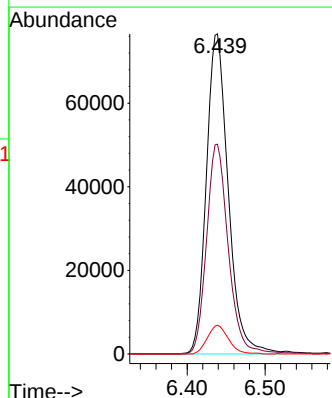
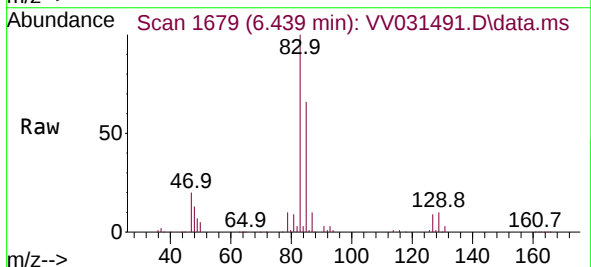
Tgt Ion: 83 Resp: 149451

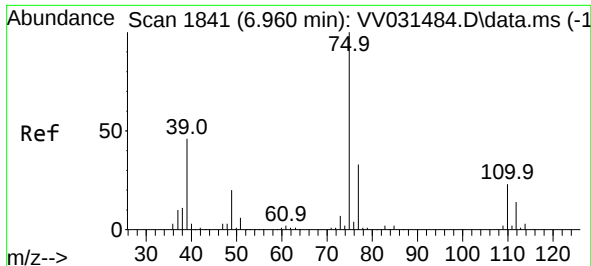
Ion Ratio Lower Upper

83 100

85 65.5 43.2 80.2

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.192 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

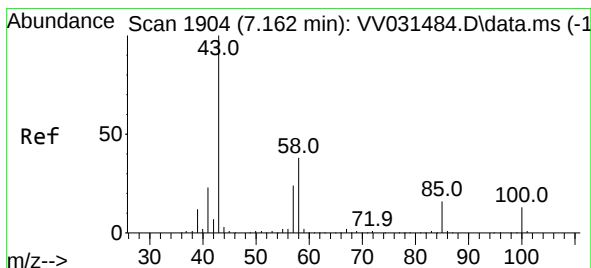
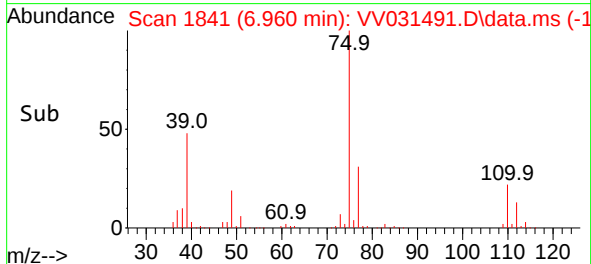
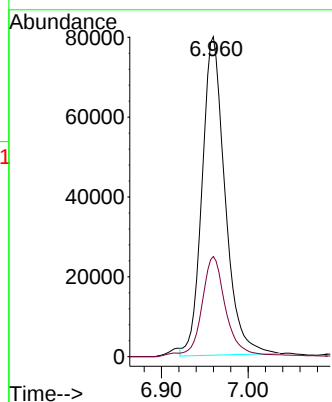
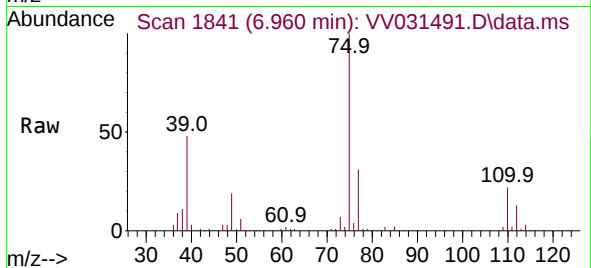
EZEP9MSD

Tgt Ion: 75 Resp: 147047

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 112.604 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

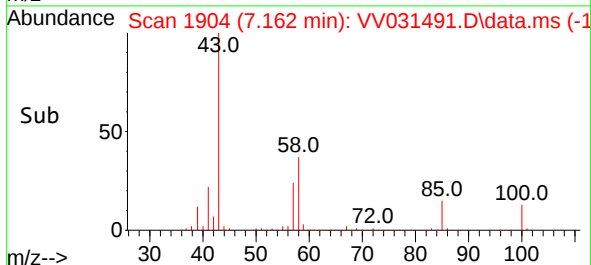
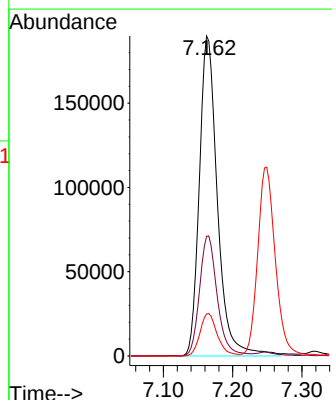
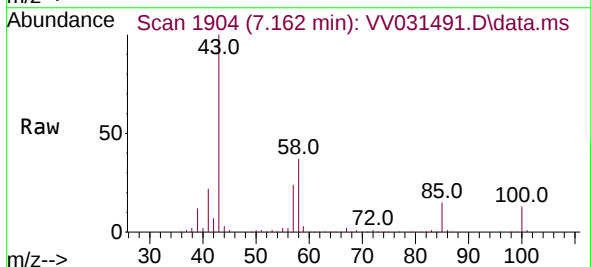
Tgt Ion: 43 Resp: 344949

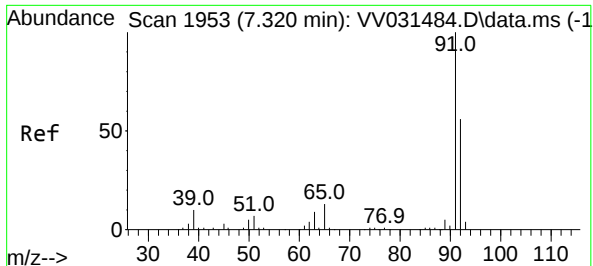
Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9

100 12.7 10.3 15.5





#42

Toluene

Concen: 56.192 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

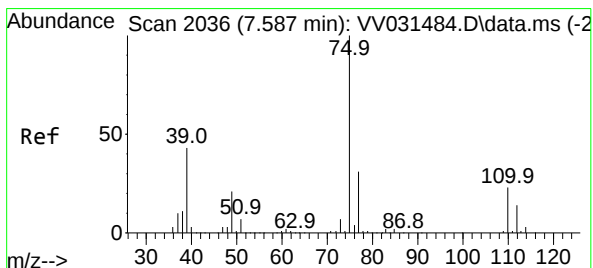
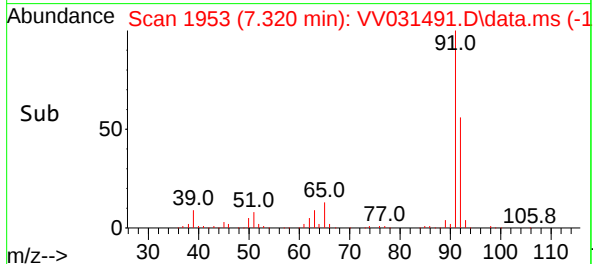
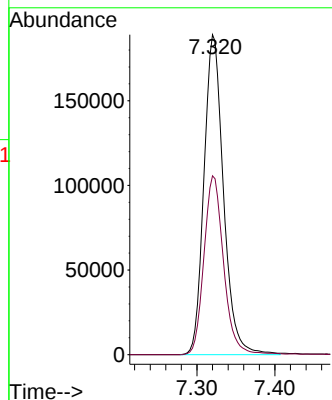
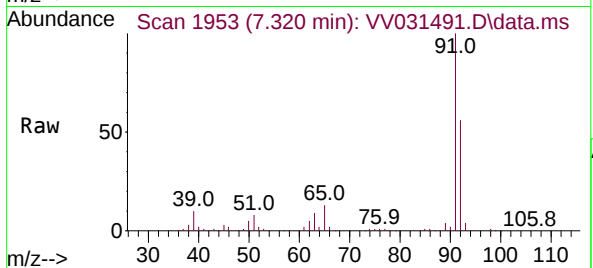
EZEP9MSD

Tgt Ion: 91 Resp: 329525

Ion Ratio Lower Upper

91 100

92 55.9 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 55.507 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031491.D

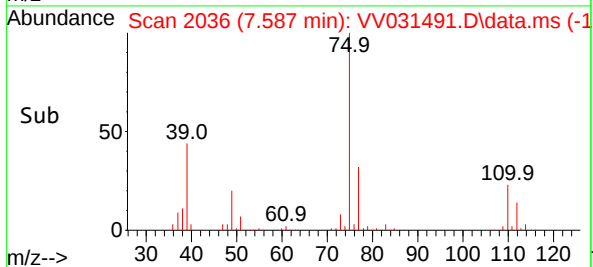
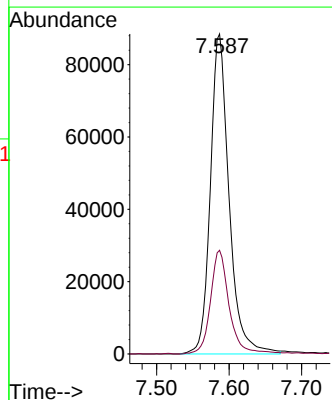
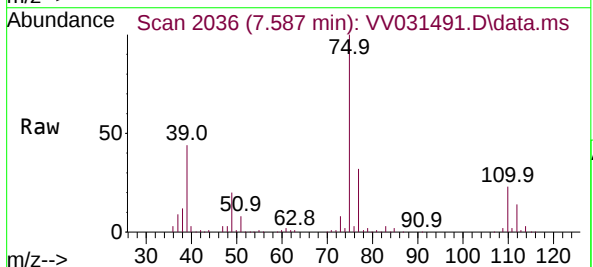
Acq: 09 Jun 2023 13:01

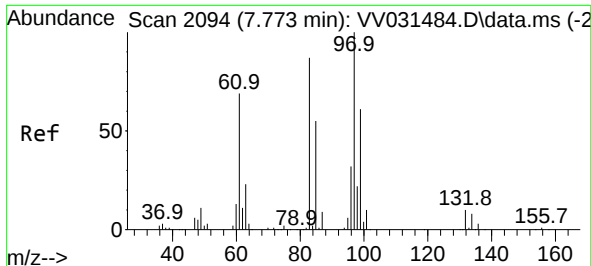
Tgt Ion: 75 Resp: 158620

Ion Ratio Lower Upper

75 100

77 32.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 55.490 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

Tgt Ion: 97 Resp: 108162

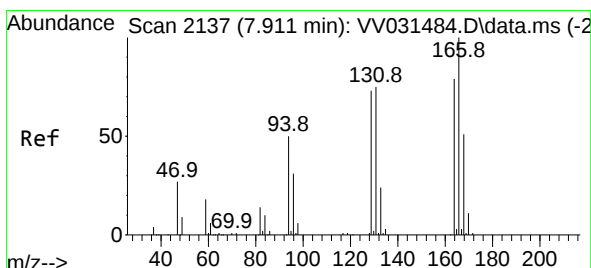
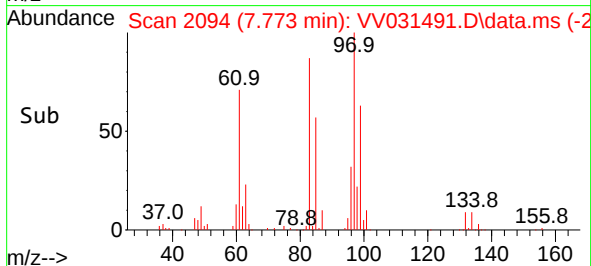
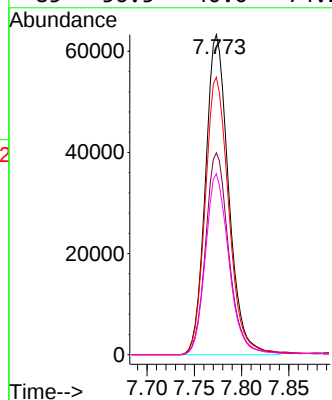
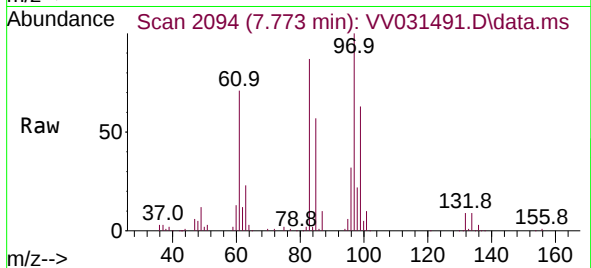
Ion Ratio Lower Upper

97 100

99 63.1 43.8 81.4

83 86.7 61.9 115.1

85 56.5 40.0 74.2



#46

Tetrachloroethene

Concen: 54.823 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Tgt Ion:164 Resp: 58746

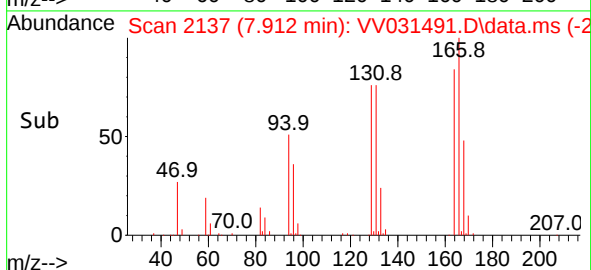
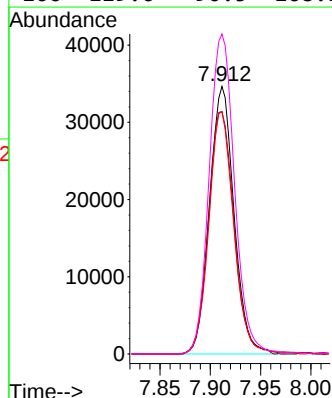
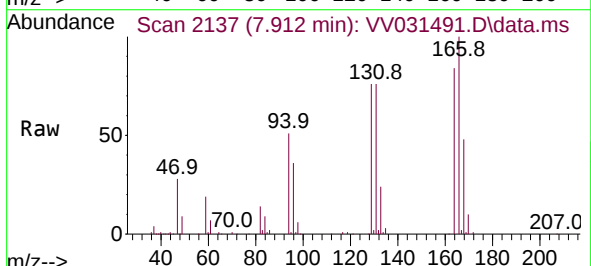
Ion Ratio Lower Upper

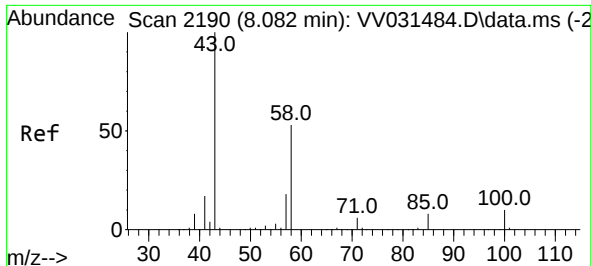
164 100

129 90.6 68.0 126.4

131 90.6 65.5 121.7

166 119.6 90.5 168.1

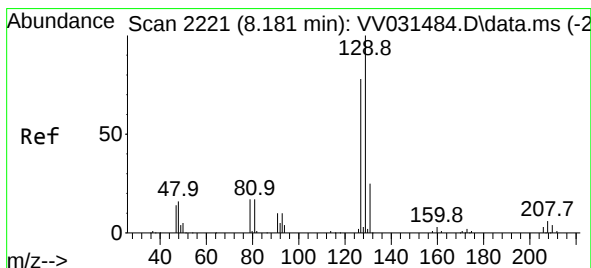
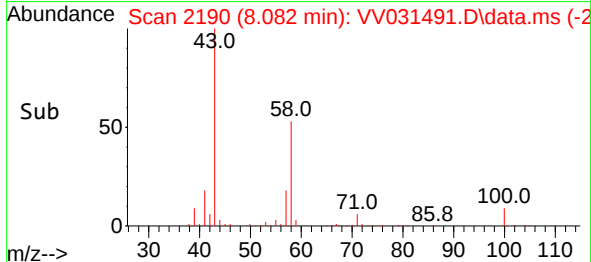
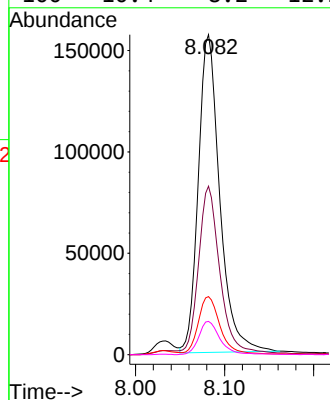
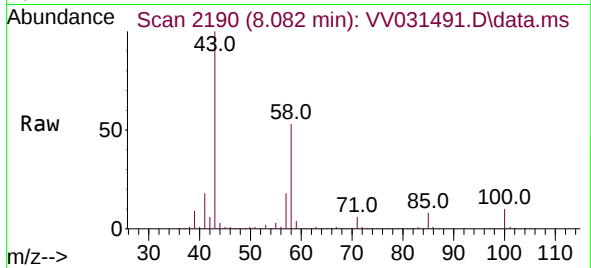




#48
2-Hexanone
Concen: 109.459 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

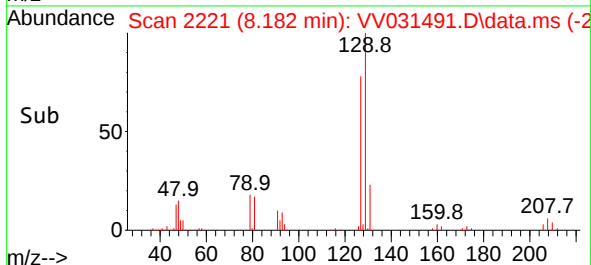
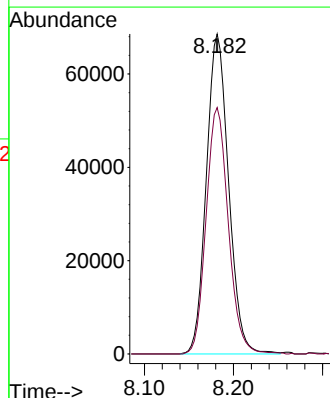
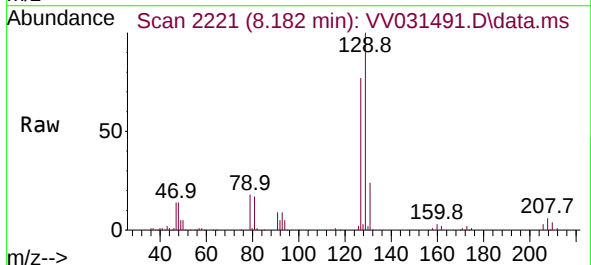
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

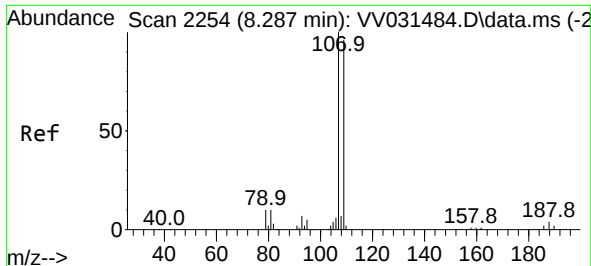
Tgt Ion: 43 Resp: 262465
Ion Ratio Lower Upper
43 100
58 51.9 42.9 64.3
57 18.3 14.6 22.0
100 10.4 8.2 12.2



#49
Dibromochloromethane
Concen: 56.004 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 129 Resp: 119082
Ion Ratio Lower Upper
129 100
127 77.0 55.5 103.1





#50

1,2-Dibromoethane

Concen: 54.702 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

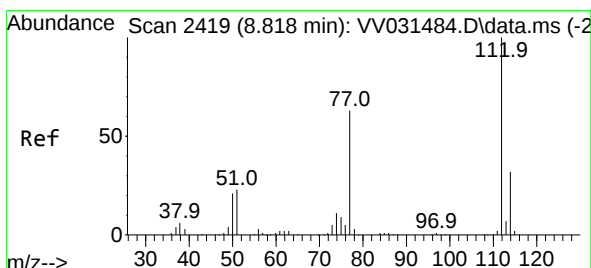
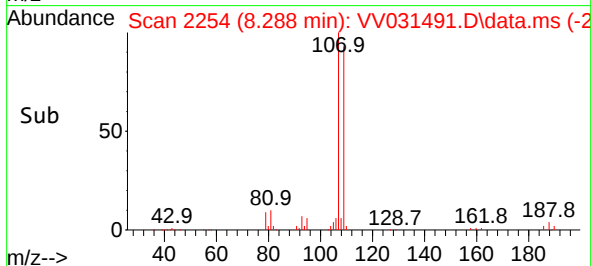
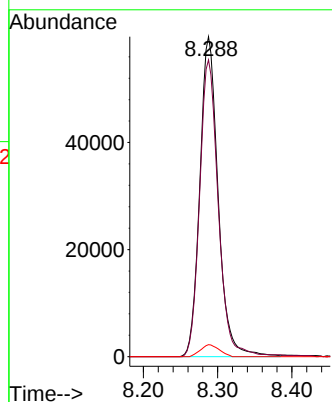
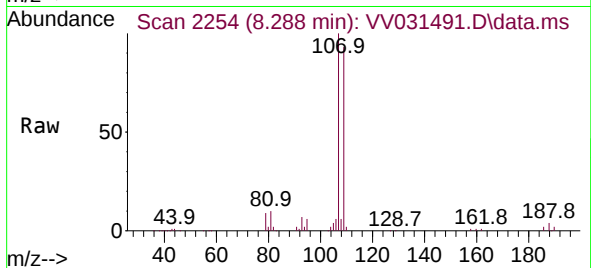
Tgt Ion:107 Resp: 102650

Ion Ratio Lower Upper

107 100

109 92.7 64.1 119.1

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 53.687 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

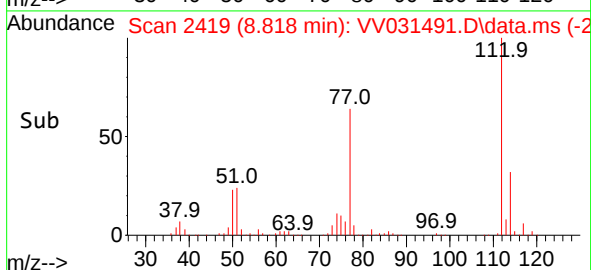
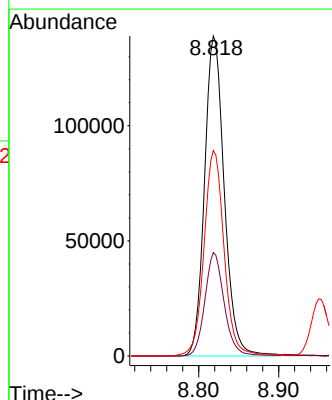
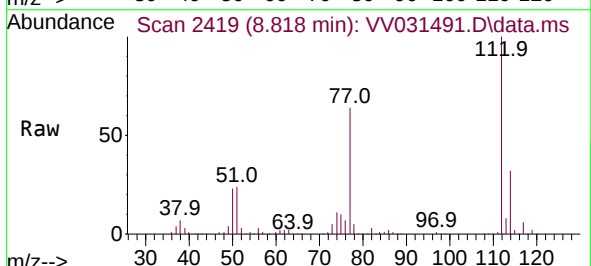
Tgt Ion:112 Resp: 239388

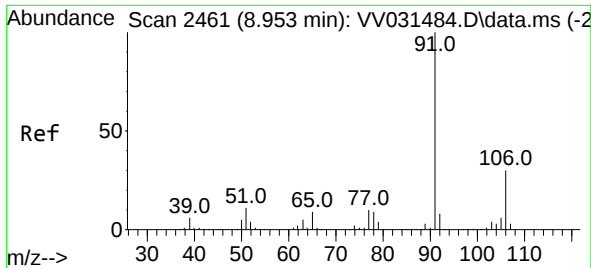
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 64.2 52.4 78.6

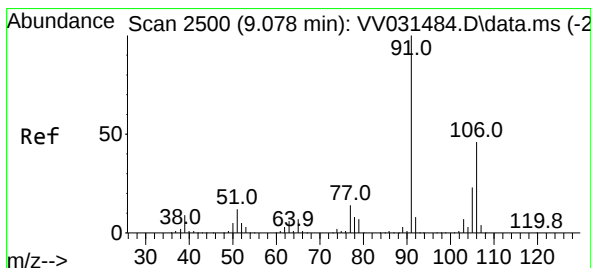
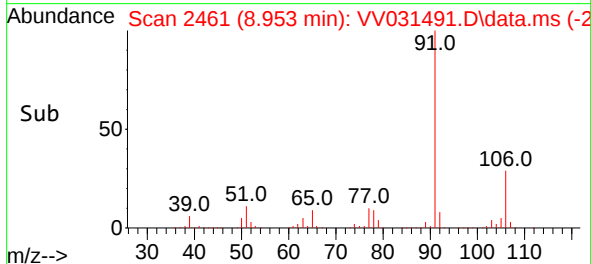
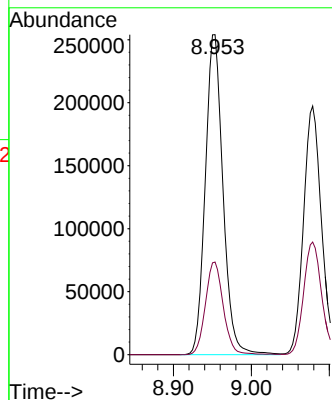
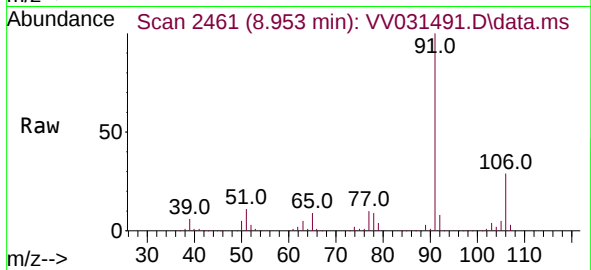




#52
Ethylbenzene
Concen: 54.850 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

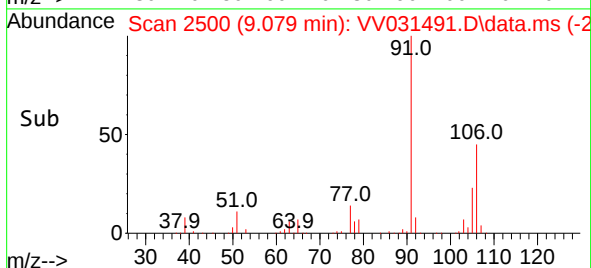
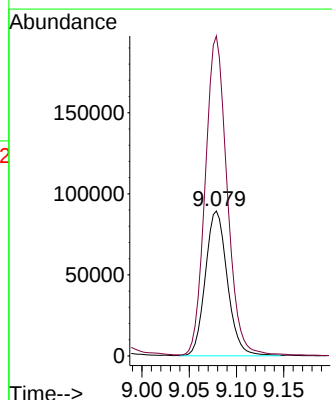
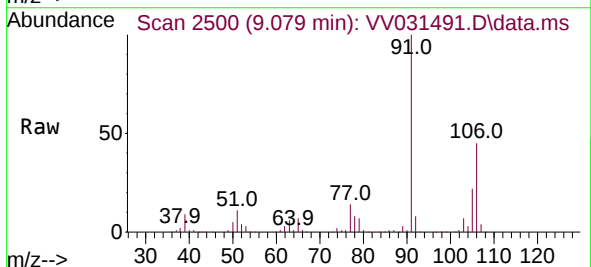
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

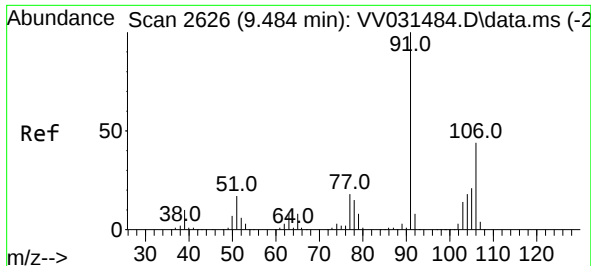
Tgt Ion: 91 Resp: 400309
Ion Ratio Lower Upper
91 100
106 29.0 20.4 38.0



#53
m,p-Xylene
Concen: 55.137 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 106 Resp: 145012
Ion Ratio Lower Upper
106 100
91 220.6 149.4 277.5

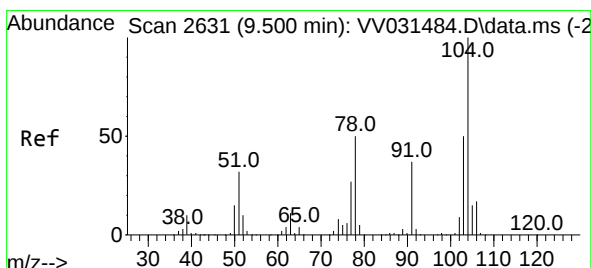
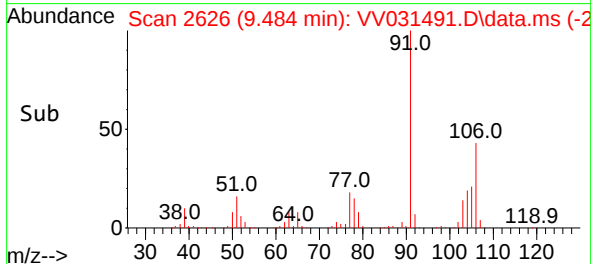
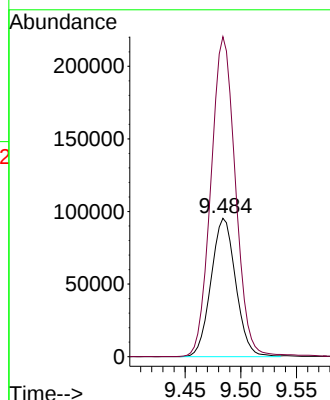
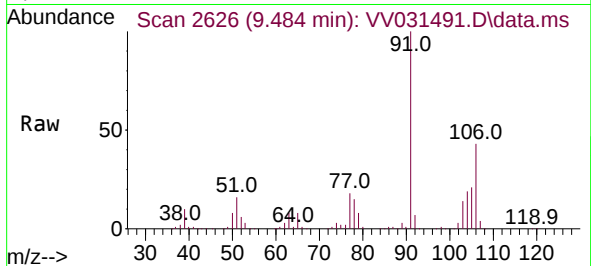




#54
o-Xylene
Concen: 55.448 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

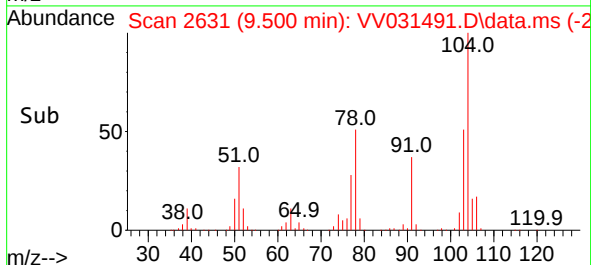
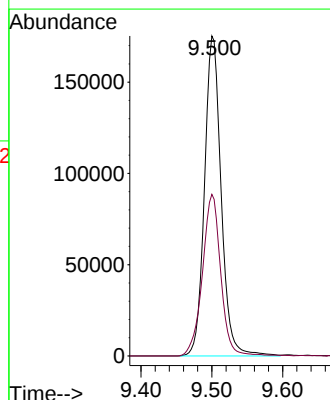
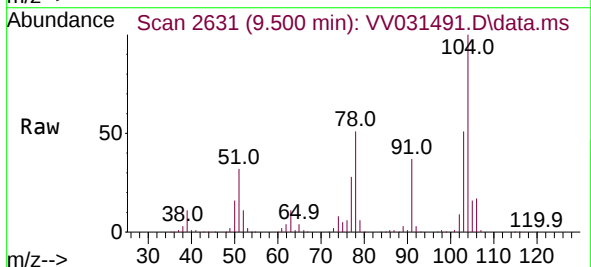
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

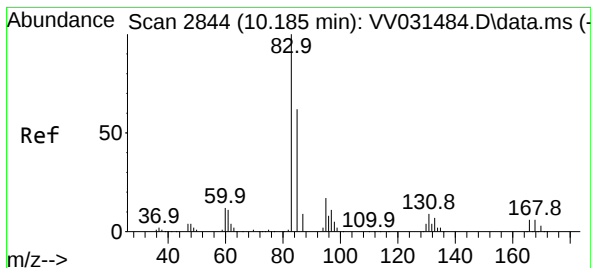
Tgt Ion:106 Resp: 147112
Ion Ratio Lower Upper
106 100
91 231.2 163.8 304.2



#55
Styrene
Concen: 59.272 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion:104 Resp: 286703
Ion Ratio Lower Upper
104 100
78 50.5 35.9 66.7

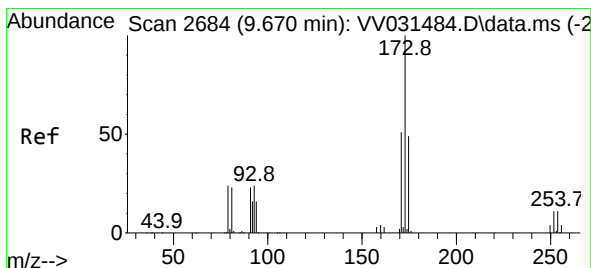
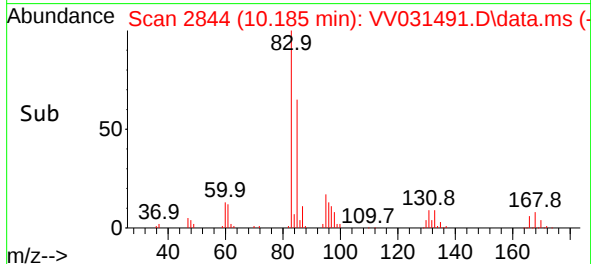
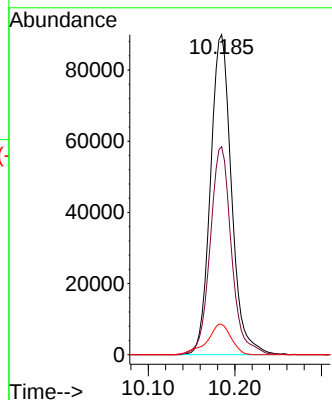
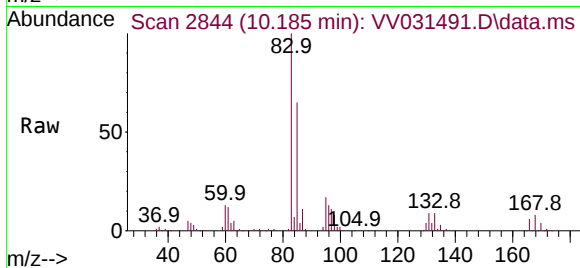




#57
1,1,2,2-Tetrachloroethane
Concen: 50.810 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

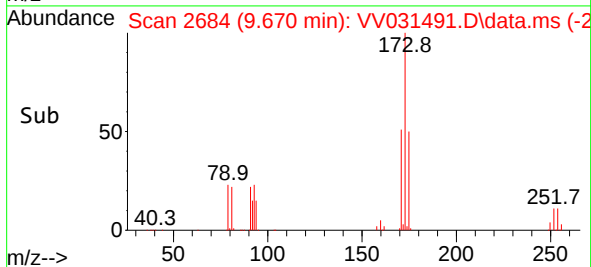
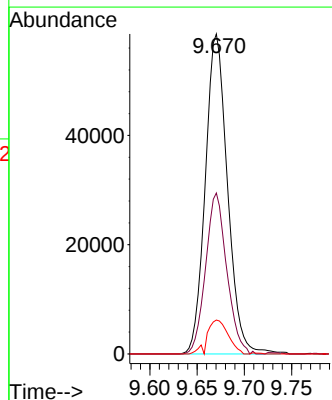
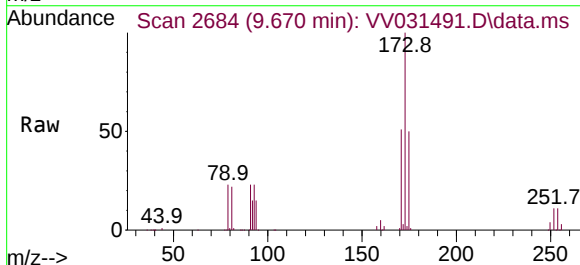
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

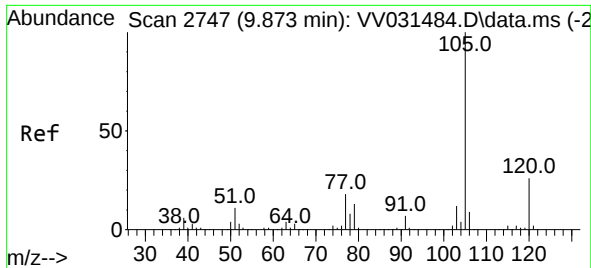
Tgt Ion: 83 Resp: 151819
Ion Ratio Lower Upper
83 100
85 65.0 43.7 81.1
131 9.5 7.3 10.9



#59
Bromoform
Concen: 51.592 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 173 Resp: 95784
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 9.2 8.7 13.1

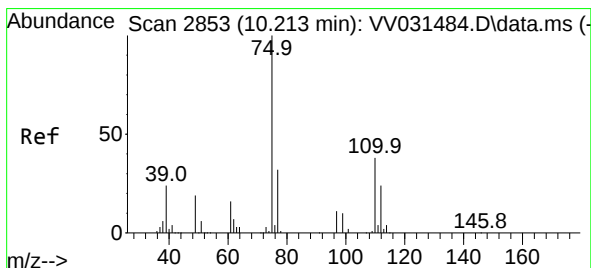
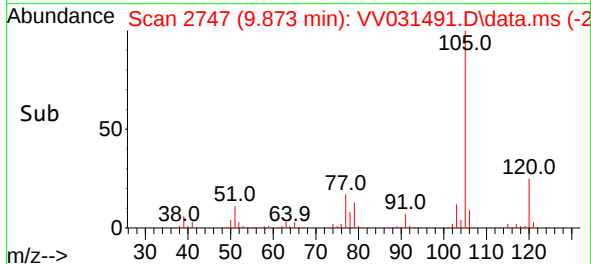
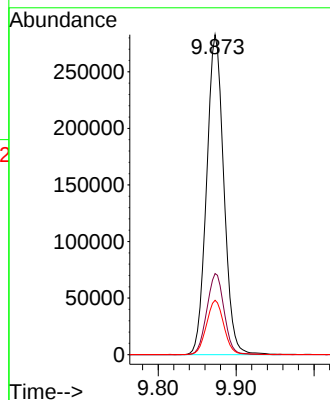
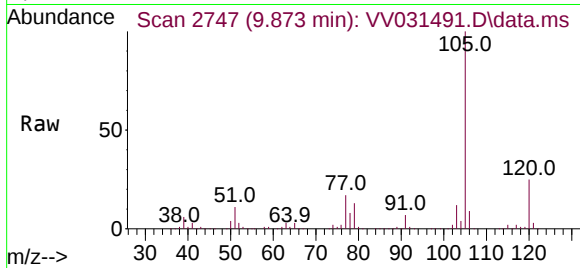




#60
Isopropylbenzene
Concen: 52.507 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

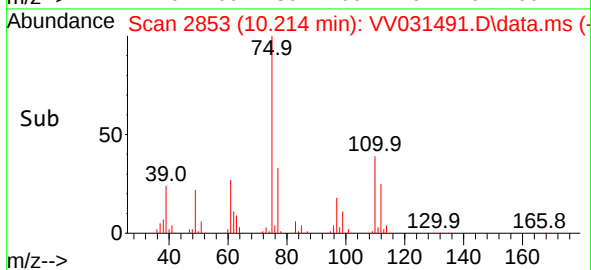
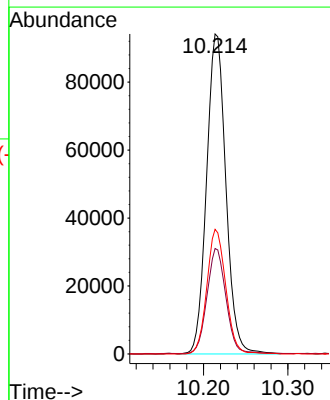
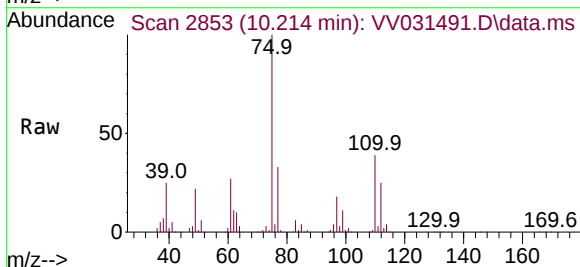
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

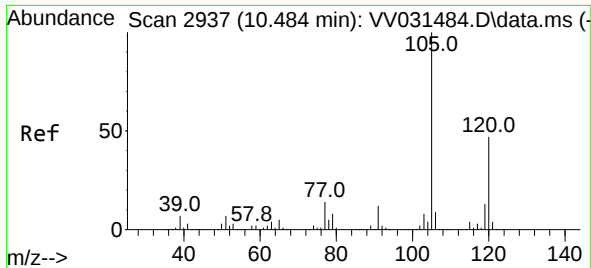
Tgt Ion:105 Resp: 434731
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 17.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 51.293 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 75 Resp: 150450
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
110 37.8 29.5 44.3

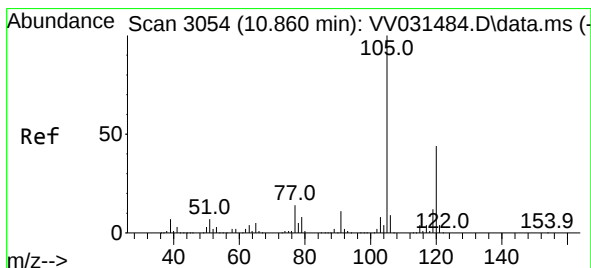
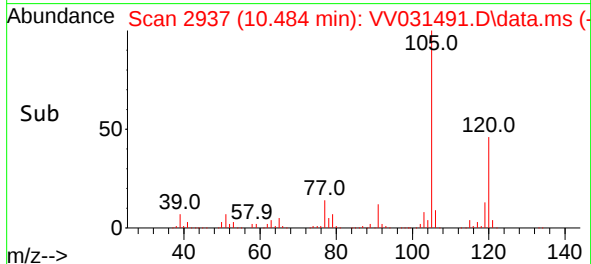
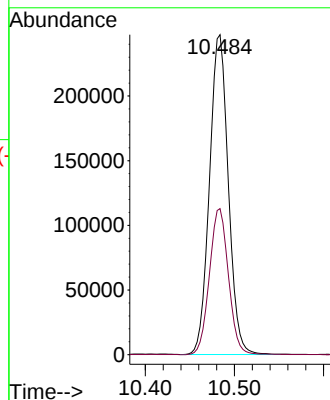
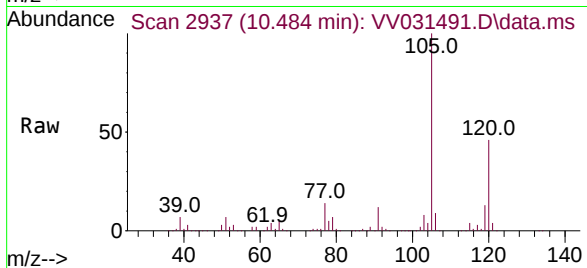




#62
1,3,5-Trimethylbenzene
Concen: 53.035 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

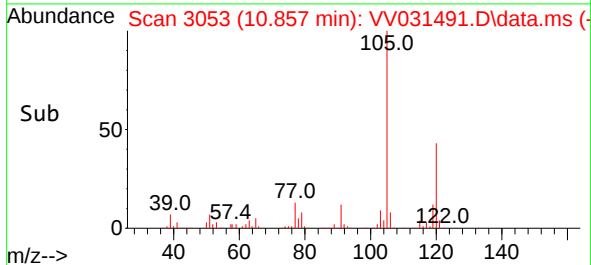
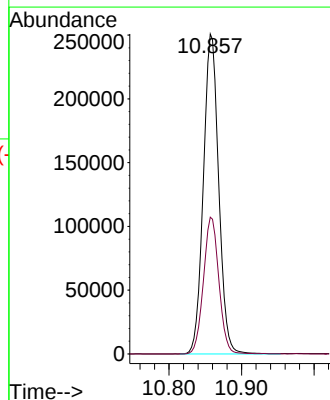
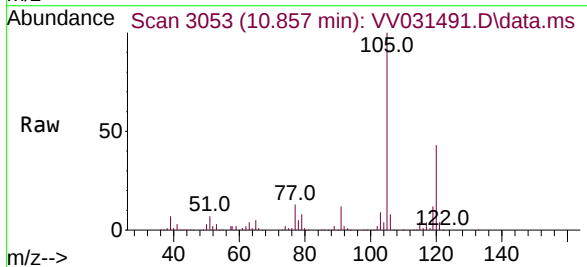
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

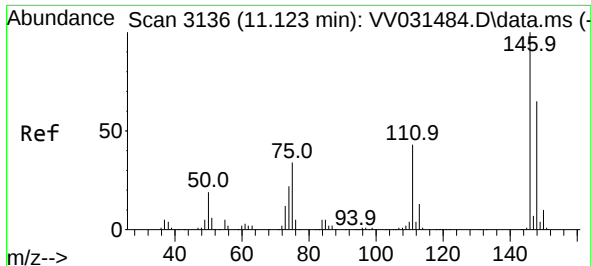
Tgt Ion:105 Resp: 362642
Ion Ratio Lower Upper
105 100
120 46.1 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 53.837 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion:105 Resp: 368479
Ion Ratio Lower Upper
105 100
120 42.9 35.0 52.4

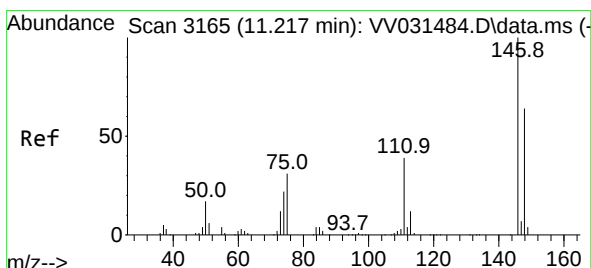
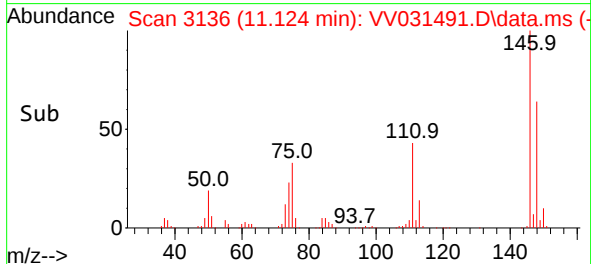
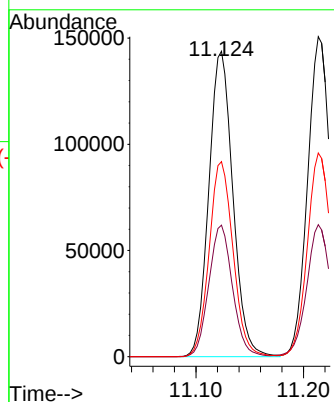
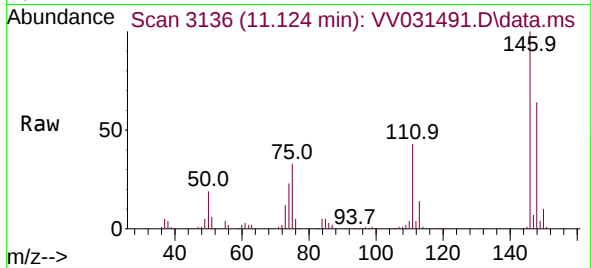




#64
1,3-Dichlorobenzene
Concen: 52.658 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

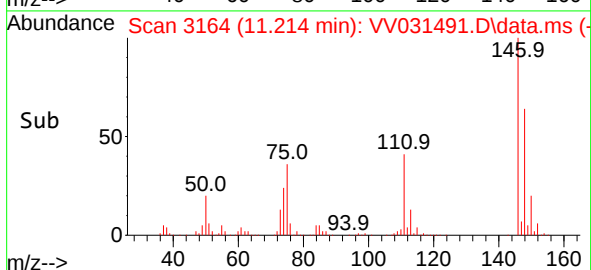
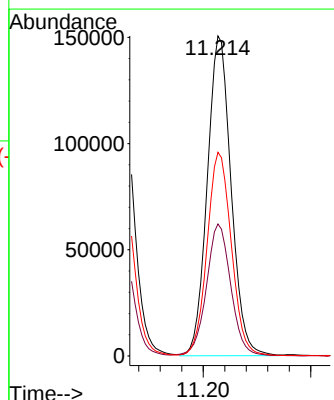
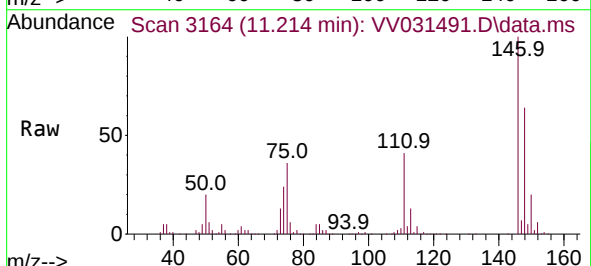
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

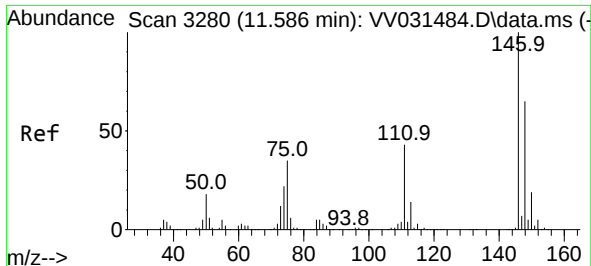
Tgt Ion:146 Resp: 223161
Ion Ratio Lower Upper
146 100
111 43.1 29.3 54.5
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 51.732 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion:146 Resp: 231892
Ion Ratio Lower Upper
146 100
111 41.3 28.1 52.3
148 63.7 45.1 83.7

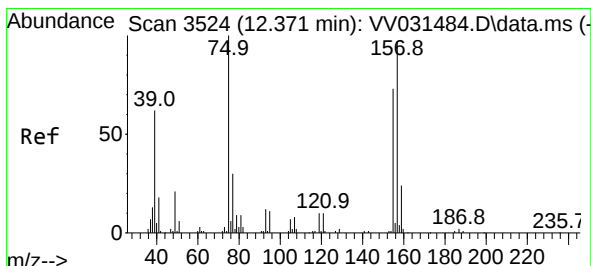
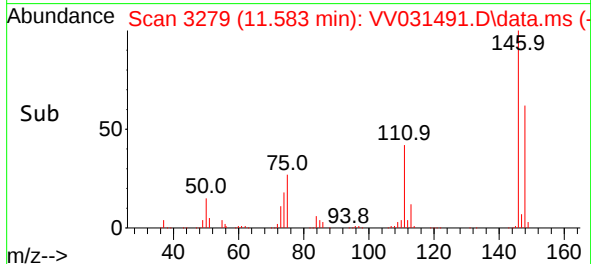
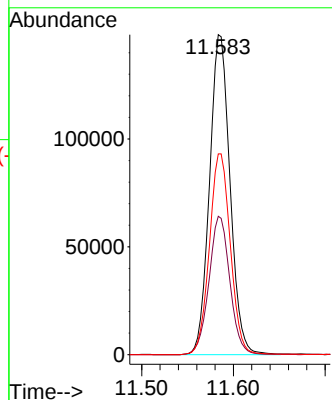
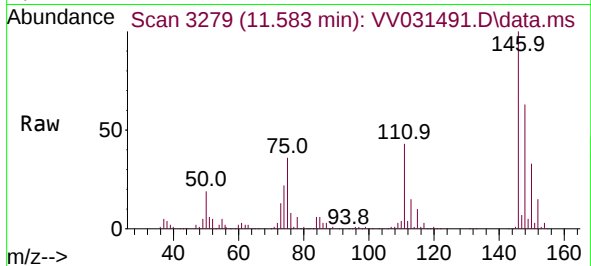




#67
1,2-Dichlorobenzene
Concen: 53.013 ug/L
RT: 11.583 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

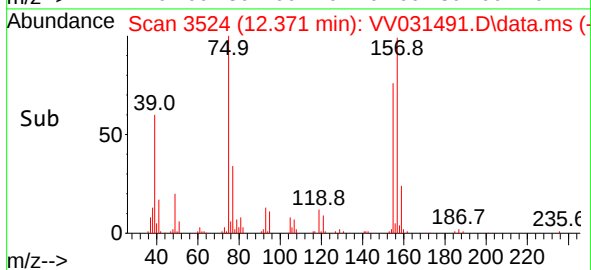
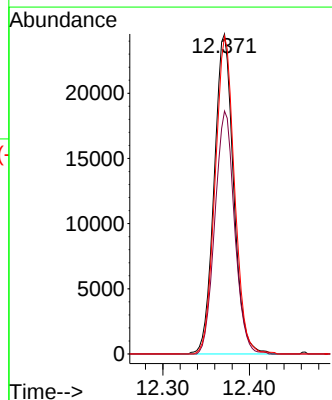
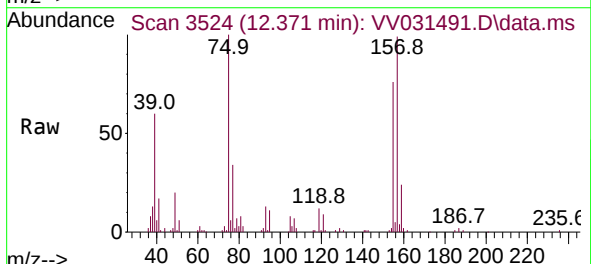
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

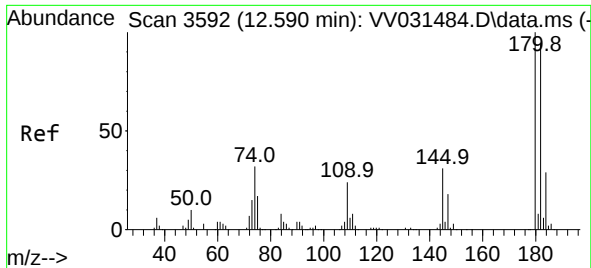
Tgt Ion:146 Resp: 230308
Ion Ratio Lower Upper
146 100
111 43.2 34.5 51.7
148 62.7 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 49.027 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion: 75 Resp: 38116
Ion Ratio Lower Upper
75 100
155 75.9 62.1 93.1
157 99.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 50.982 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MSD

Tgt Ion:180 Resp: 166340

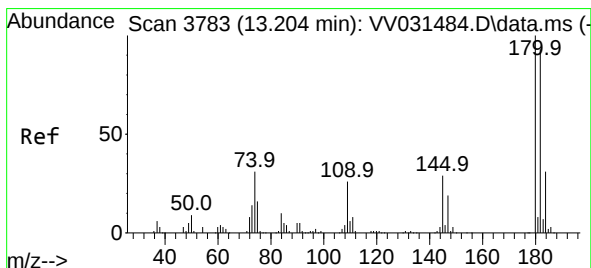
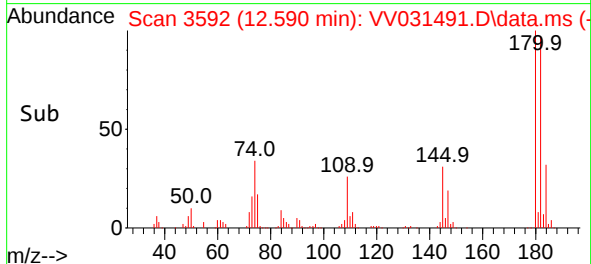
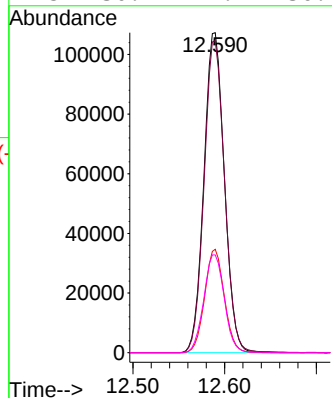
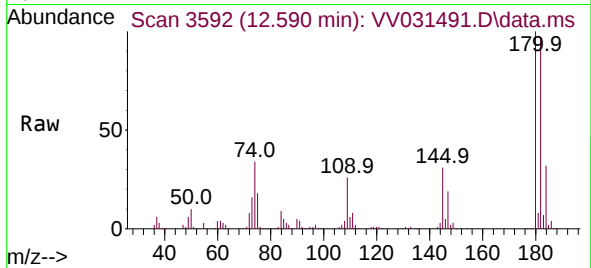
Ion Ratio Lower Upper

180 100

182 97.1 75.7 113.5

184 31.0 23.9 35.9

145 30.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 52.110 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031491.D

Acq: 09 Jun 2023 13:01

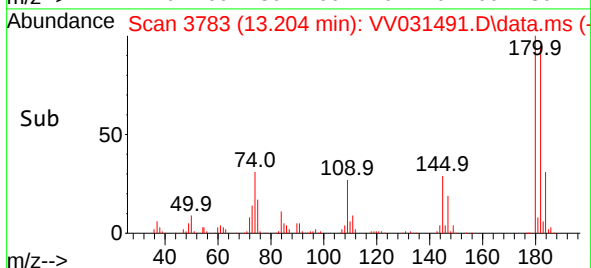
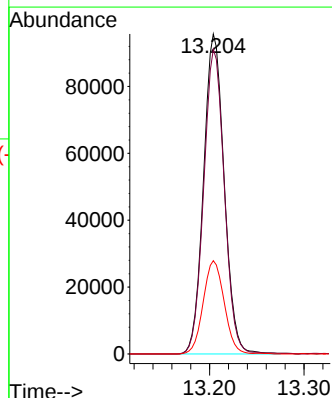
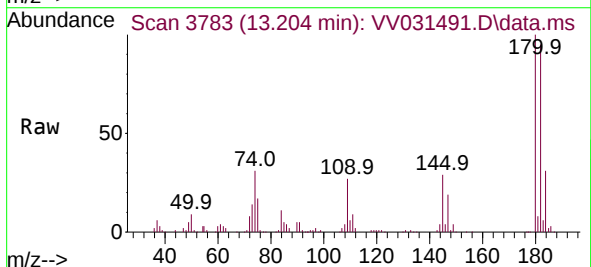
Tgt Ion:180 Resp: 145047

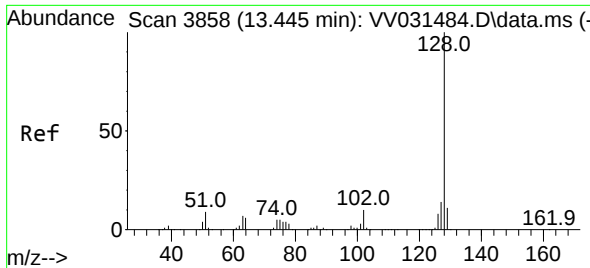
Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.6

145 29.6 24.2 36.2

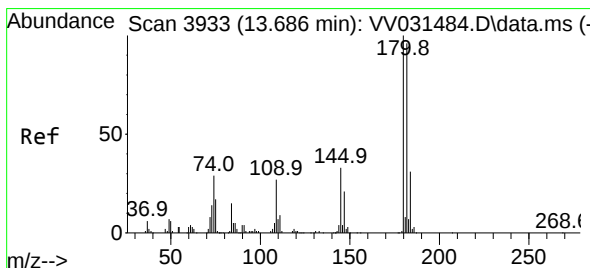
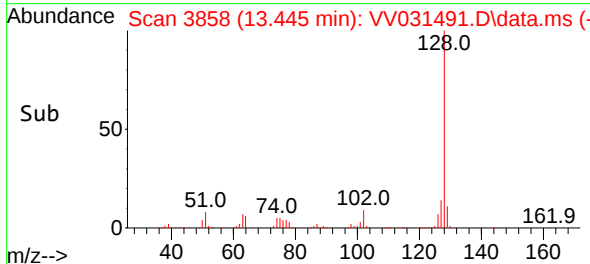
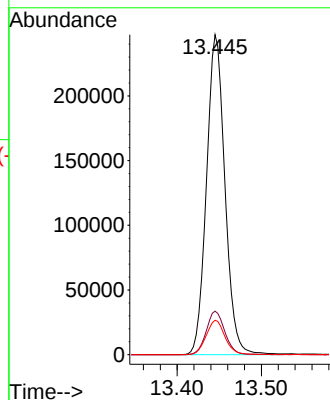
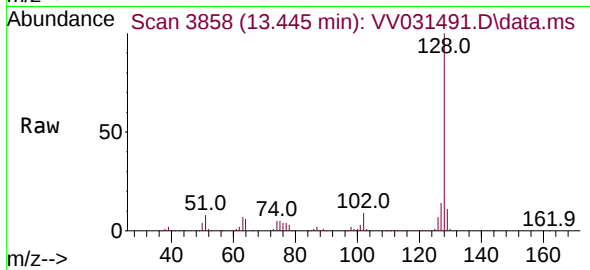




#71
Naphthalene
Concen: 49.454 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Instrument :
MSVOA_V
ClientSampleId :
EZEP9MSD

Tgt Ion:128 Resp: 377295
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 53.038 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.000 min
Lab File: VV031491.D
Acq: 09 Jun 2023 13:01

Tgt Ion:180 Resp: 147978
Ion Ratio Lower Upper
180 100
182 96.5 77.4 116.2
145 33.2 25.6 38.4

