

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
 Data File : VW031490.D
 Acq On : 09 Jun 2023 12:37
 Operator : SY/MD
 Sample : 03098-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MS

Quant Time: Jun 10 01:40:38 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	5.538	114	228855	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	234889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	146124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68139	33.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.680%
7) Chloroethane-d5	1.532	69	68358	41.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.860%
11) 1,1-Dichloroethene-d2	2.060	65	37951	39.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.540%
21) 2-Butanone-d5	3.793	46	138057	94.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.870%
24) Chloroform-d	4.256	84	193019	50.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.947	65	126723	49.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.640%
32) Benzene-d6	4.966	84	320956	46.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	5.995	67	116779	48.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.900%
41) Toluene-d8	7.249	98	305116	47.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.558	79	53686	44.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.420%
47) 2-Hexanone-d5	8.030	63	85694	94.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.390%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145695	47.894	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	128704	47.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49807	54.271	ug/L	99
3) Chloromethane	1.217	50	37162	49.898	ug/L	95
5) Vinyl chloride	1.285	62	45231	50.903	ug/L	97
6) Bromomethane	1.487	94	27214	50.957	ug/L	98
8) Chloroethane	1.548	64	37508	52.391	ug/L	99
9) Trichlorofluoromethane	1.715	101	116388	54.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	73516	53.004	ug/L	97
12) 1,1-Dichloroethene	2.072	96	48613	53.246	ug/L	86
13) Acetone	2.117	43	96198	73.897	ug/L	99
14) Carbon disulfide	2.246	76	34899	44.688	ug/L	98
15) Methyl Acetate	2.375	43	104020	52.916	ug/L	98
16) Methylene chloride	2.449	84	72733	52.776	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	46174	53.342	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	284807	53.528	ug/L	99
19) 1,1-Dichloroethane	3.117	63	166731	55.684	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	75925	53.950	ug/L	96
22) 2-Butanone	3.873	43	146909	91.820	ug/L	99
23) Bromochloromethane	4.156	128	42148	56.952	ug/L	96
25) Chloroform	4.281	83	186540	55.868	ug/L	98

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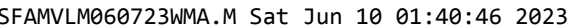
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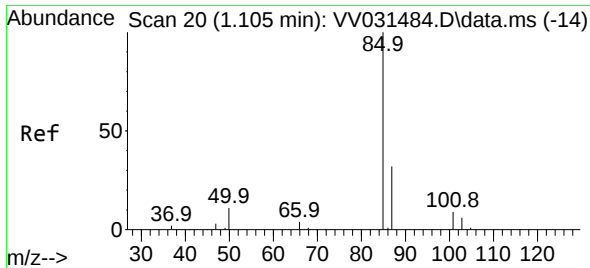
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	140213	57.510	ug/L	99
29) Cyclohexane	4.587	56	61766	49.098	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	151442	54.621	ug/L	99
31) Carbon tetrachloride	4.741	117	123130	53.460	ug/L	98
33) Benzene	5.014	78	283151	54.633	ug/L	100
34) Trichloroethene	5.838	95	92013	56.351	ug/L	98
35) Methylcyclohexane	6.056	83	68442	49.009	ug/L	98
37) 1,2-Dichloropropane	6.098	63	104676	56.112	ug/L	100
38) Bromodichloromethane	6.439	83	146911	53.806	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	147805	53.032	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	335922	110.850	ug/L	99
42) Toluene	7.320	91	324858	55.999	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	157040	55.552	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	106935	55.457	ug/L	99
46) Tetrachloroethene	7.911	164	56741	53.527	ug/L	98
48) 2-Hexanone	8.082	43	259715	109.489	ug/L	98
49) Dibromochloromethane	8.181	129	116059	55.176	ug/L	98
50) 1,2-Dibromoethane	8.288	107	103170	55.576	ug/L	99
51) Chlorobenzene	8.818	112	234587	53.183	ug/L	99
52) Ethylbenzene	8.953	91	391263	54.194	ug/L	100
53) m,p-Xylene	9.079	106	141173	54.261	ug/L	99
54) o-Xylene	9.484	106	144141	54.919	ug/L	98
55) Styrene	9.500	104	281645	58.860	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	150193	50.812	ug/L	97
59) Bromoform	9.670	173	94555	50.501	ug/L	99
60) Isopropylbenzene	9.873	105	428383	51.304	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	150553	50.896	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	350529	50.832	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	357351	51.771	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	217472	50.883	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	229853	50.846	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	226328	51.658	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	37767	48.169	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	165577	50.320	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	137758	49.074	ug/L	99
71) Naphthalene	13.445	128	321818	41.827	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	140490	49.930	ug/L	99

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

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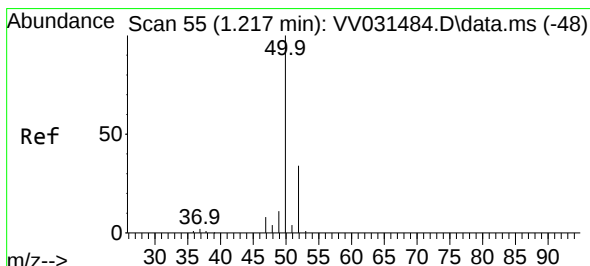
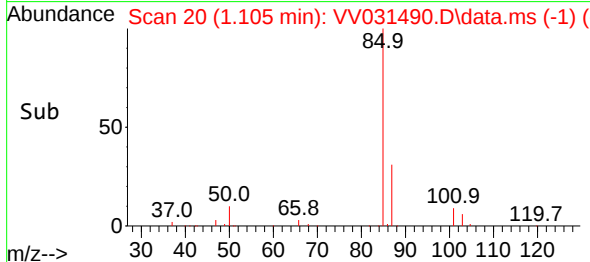
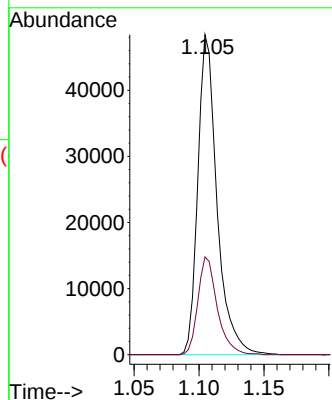
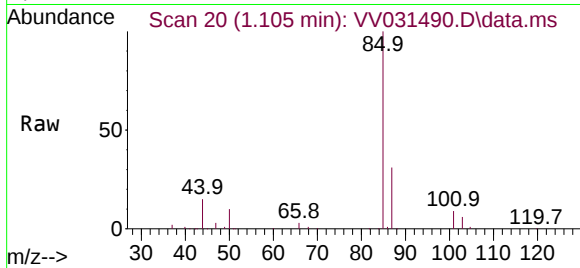




#2
 Dichlorodifluoromethane
 Concen: 54.271 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

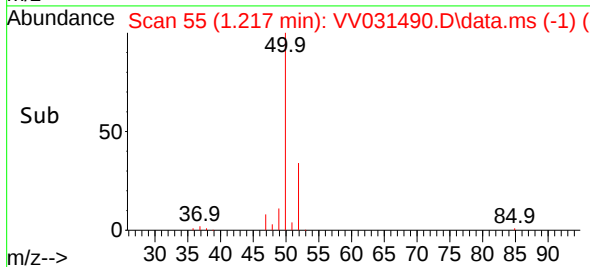
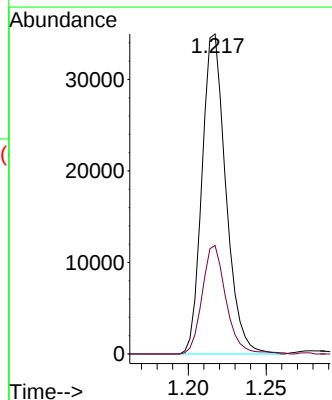
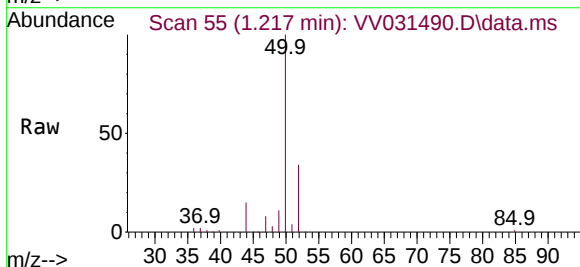
Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MS

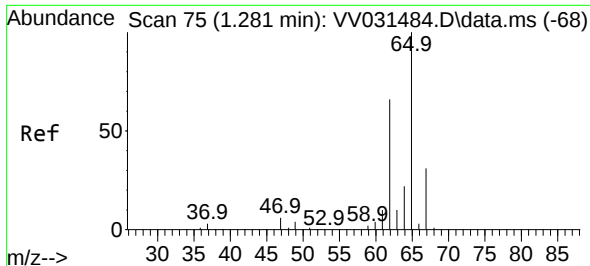
Tgt Ion: 85 Resp: 49807
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.0 37.6



#3
 Chloromethane
 Concen: 49.898 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

Tgt Ion: 50 Resp: 37162
 Ion Ratio Lower Upper
 50 100
 52 33.9 21.9 40.7

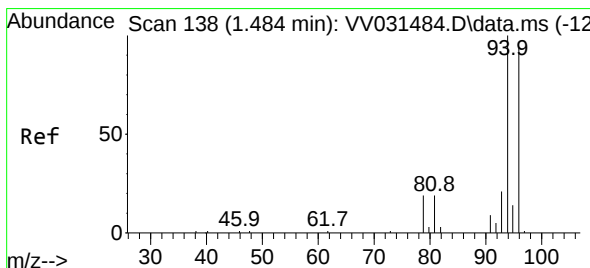
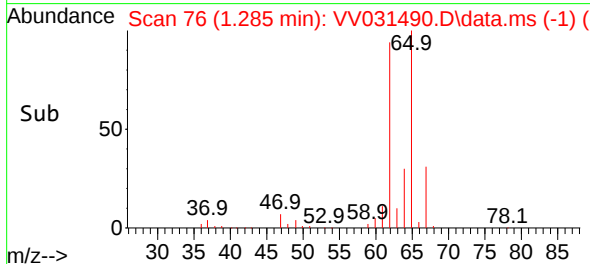
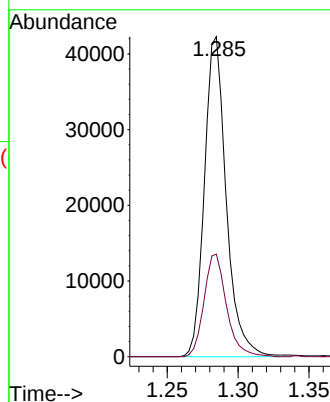
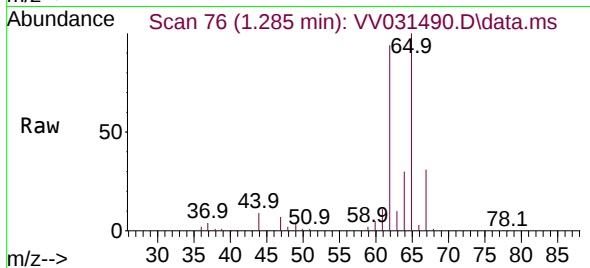




#5
 Vinyl chloride
 Concen: 50.903 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

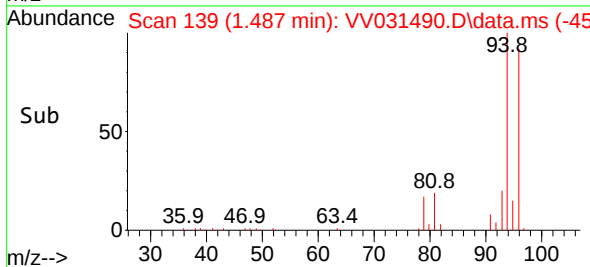
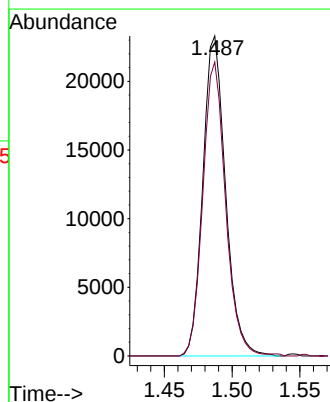
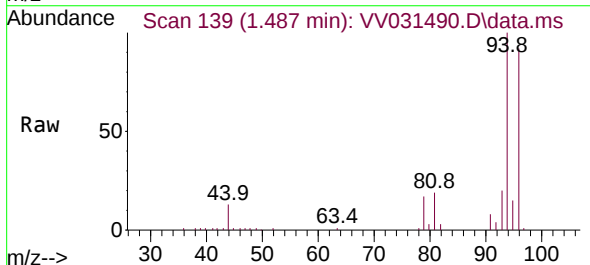
Instrument :
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 ClientSampleId :
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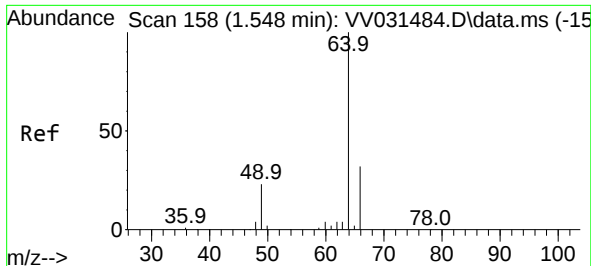
Tgt Ion: 62 Resp: 45231
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.7 43.9



#6
 Bromomethane
 Concen: 50.957 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

Tgt Ion: 94 Resp: 27214
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.4 121.4

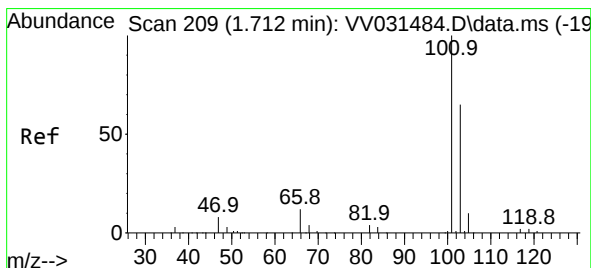
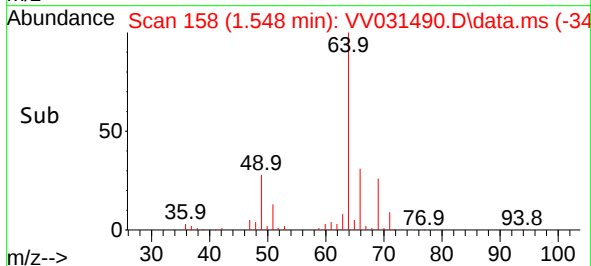
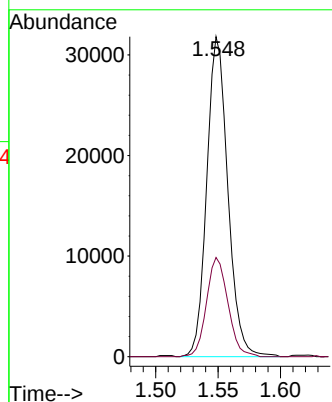
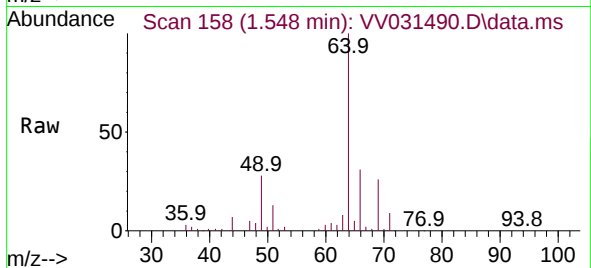




#8
Chloroethane
Concen: 52.391 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

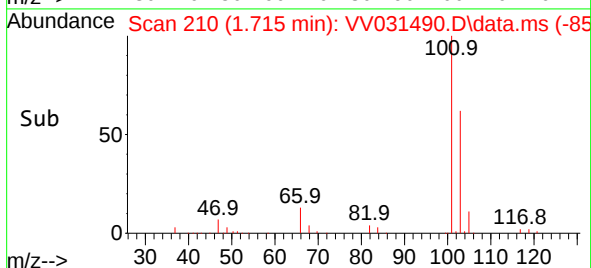
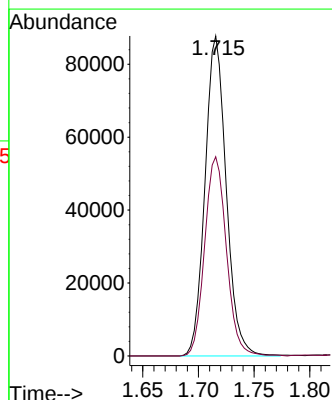
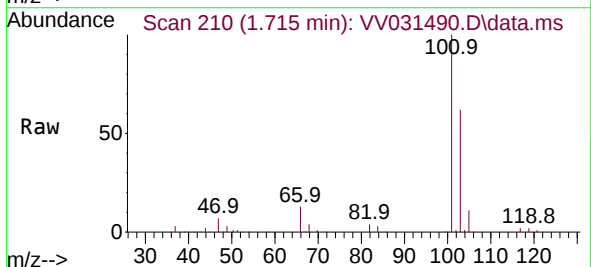
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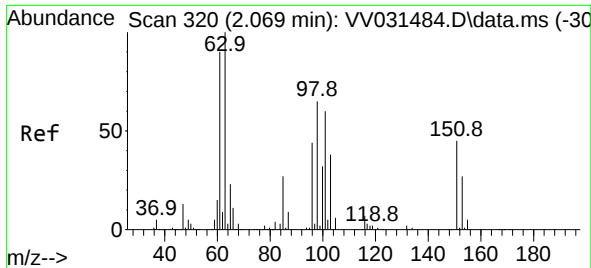
Tgt Ion: 64 Resp: 37508
Ion Ratio Lower Upper
64 100
66 31.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 54.266 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion:101 Resp: 116388
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

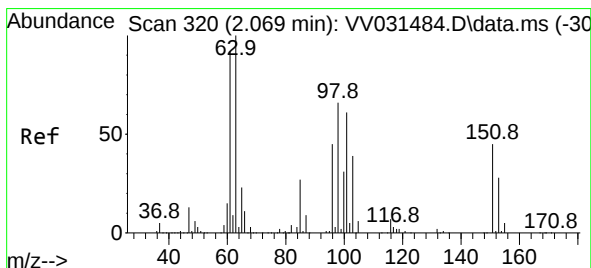
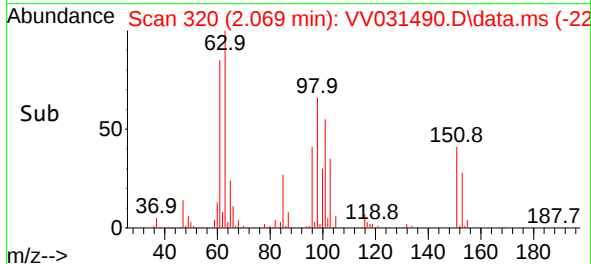
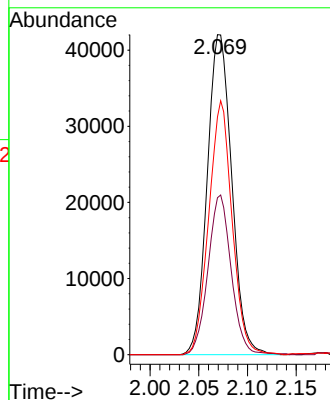
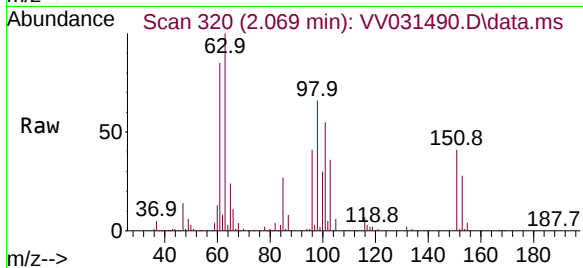




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.004 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

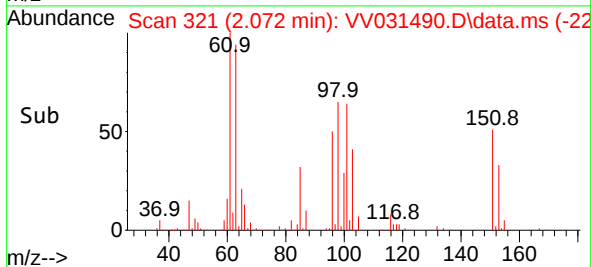
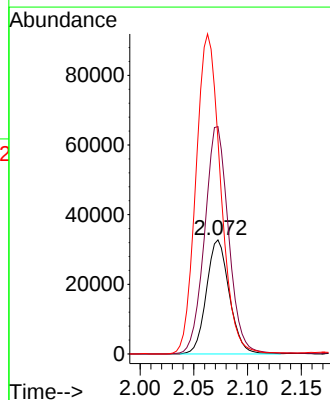
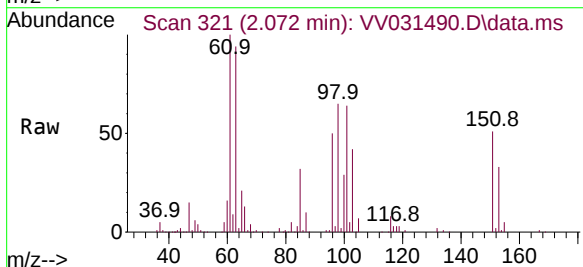
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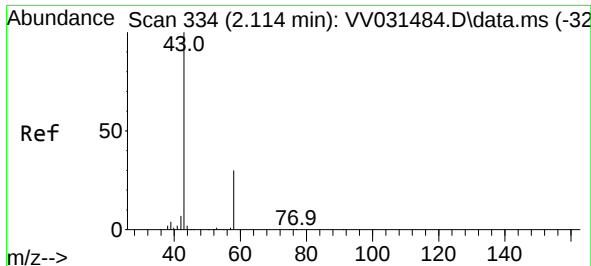
Tgt Ion:	101	Resp:	73516
Ion	Ratio	Lower	Upper
101	100		
85	47.2	37.3	55.9
151	75.7	57.8	86.6



#12
 1,1-Dichloroethene
 Concen: 53.246 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

Tgt Ion:	96	Resp:	48613
Ion	Ratio	Lower	Upper
96	100		
61	199.3	143.9	267.3
63	187.6	158.3	293.9





#13

Acetone

Concen: 73.897 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

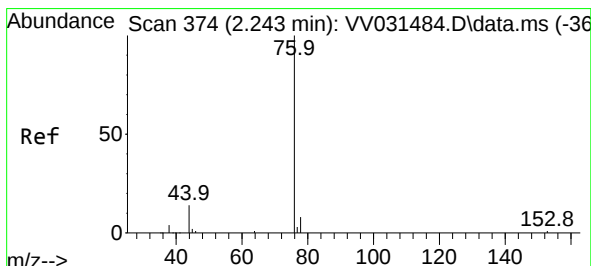
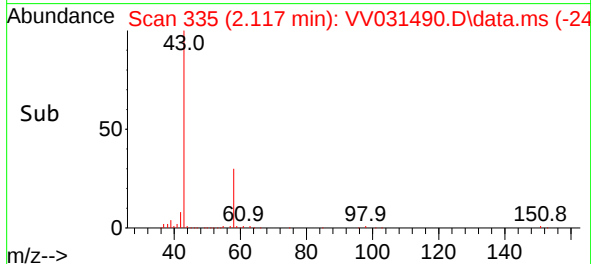
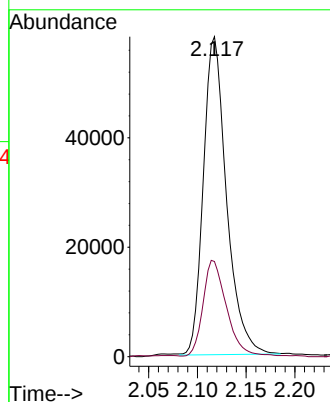
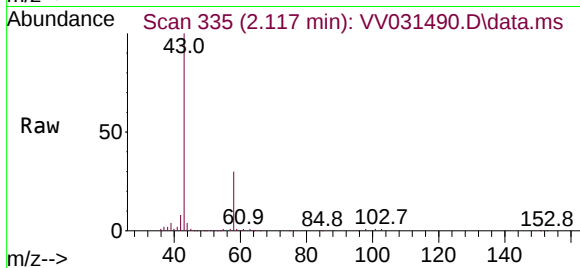
EZEP9MS

Tgt Ion: 43 Resp: 96198

Ion Ratio Lower Upper

43 100

58 30.2 0.0 61.0



#14

Carbon disulfide

Concen: 44.688 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV031490.D

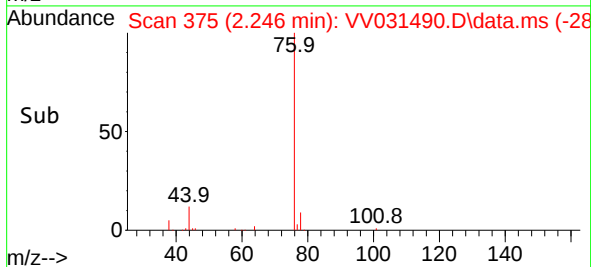
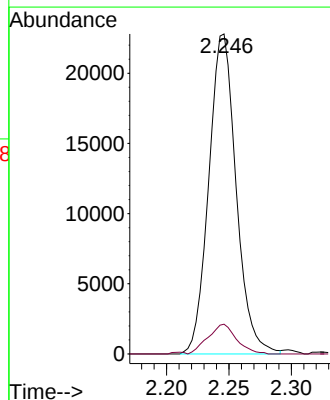
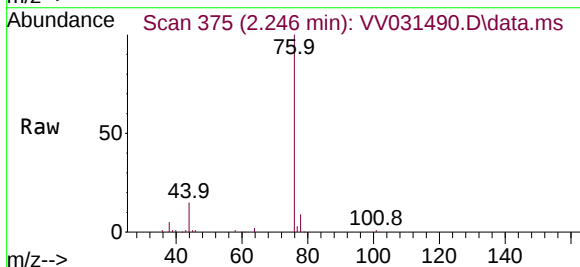
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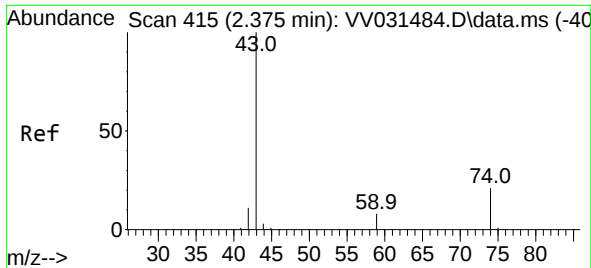
Tgt Ion: 76 Resp: 34899

Ion Ratio Lower Upper

76 100

78 9.3 7.9 11.9

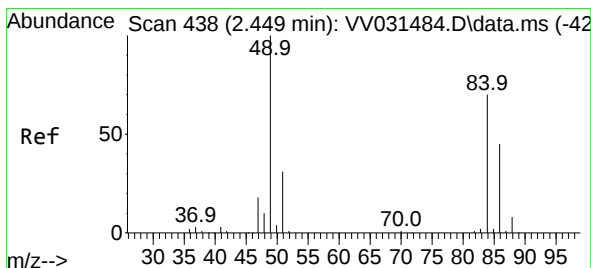
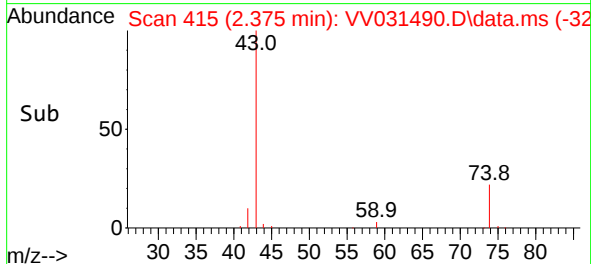
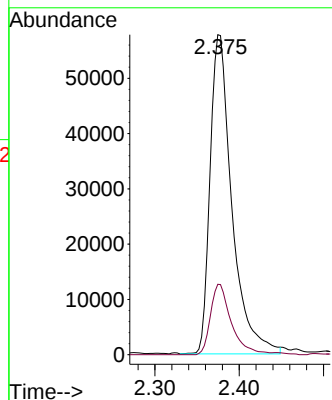
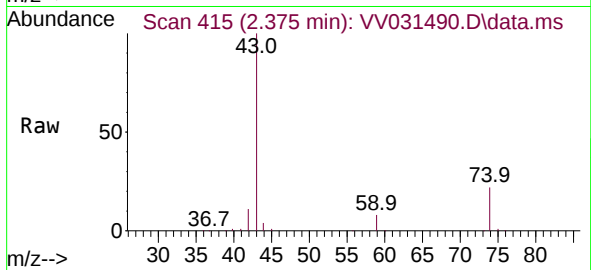




#15
Methyl Acetate
Concen: 52.916 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

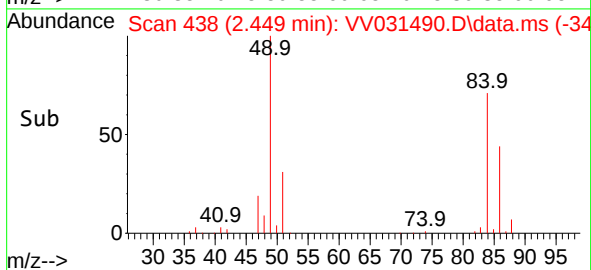
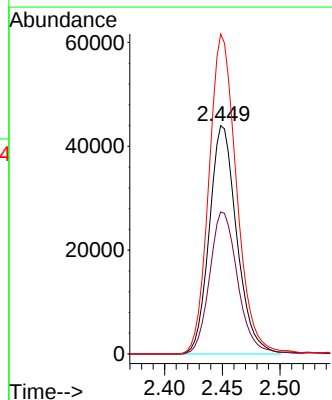
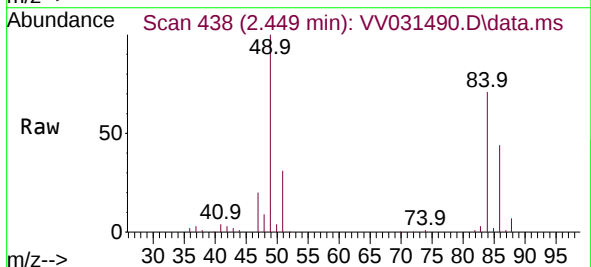
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

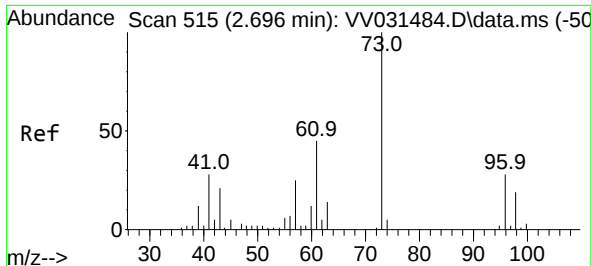
Tgt Ion: 43 Resp: 104020
Ion Ratio Lower Upper
43 100
74 21.0 16.0 24.0



#16
Methylene chloride
Concen: 52.776 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 84 Resp: 72733
Ion Ratio Lower Upper
84 100
86 62.2 46.1 85.5
49 140.2 102.7 190.7





#17

trans-1,2-Dichloroethene

Concen: 53.342 ug/L

RT: 2.699 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MS

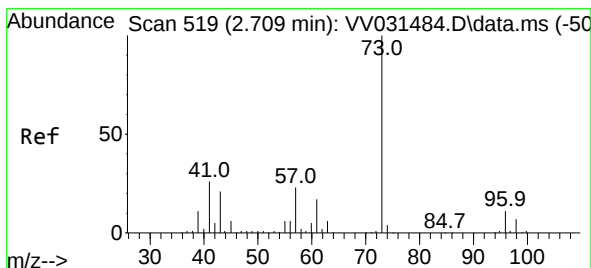
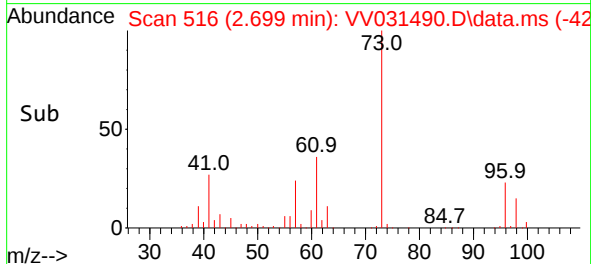
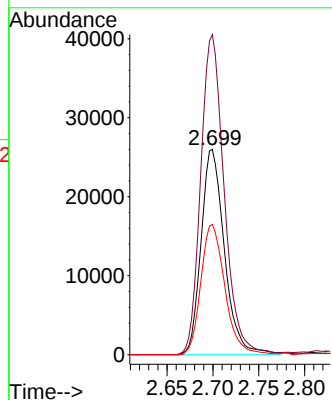
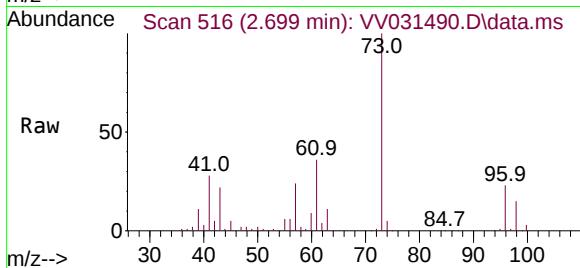
Tgt Ion: 96 Resp: 46174

Ion Ratio Lower Upper

96 100

61 155.9 106.9 198.5

98 63.5 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 53.528 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

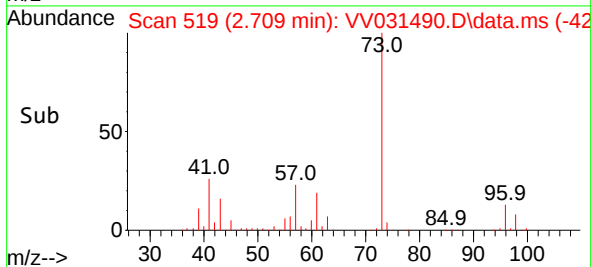
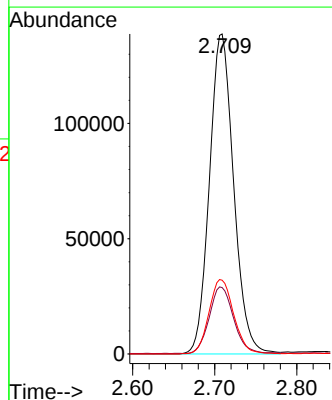
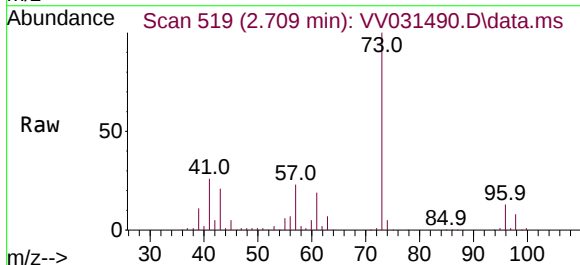
Tgt Ion: 73 Resp: 284807

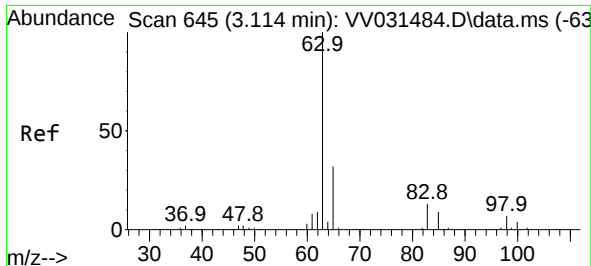
Ion Ratio Lower Upper

73 100

43 20.9 16.6 25.0

57 23.7 18.6 28.0





#19

1,1-Dichloroethane

Concen: 55.684 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MS

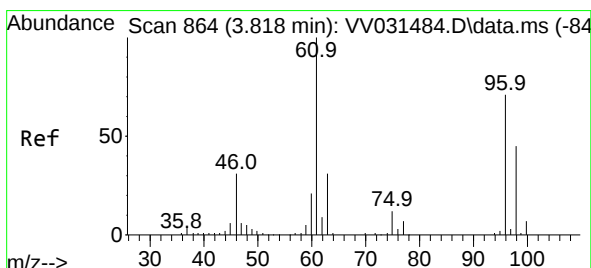
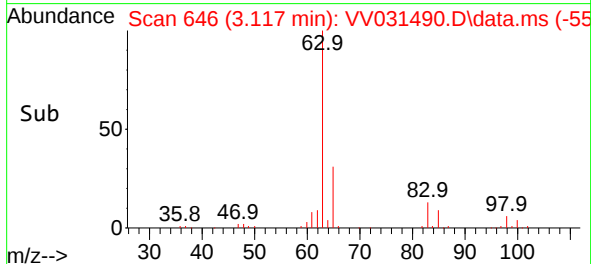
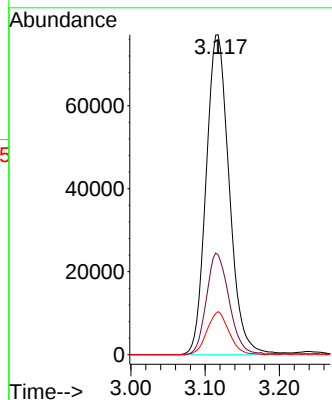
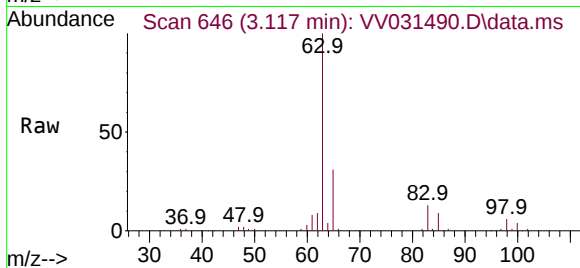
Tgt Ion: 63 Resp: 166731

Ion Ratio Lower Upper

63 100

65 31.2 21.4 39.8

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 53.950 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

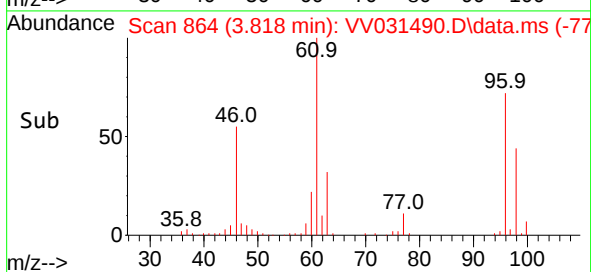
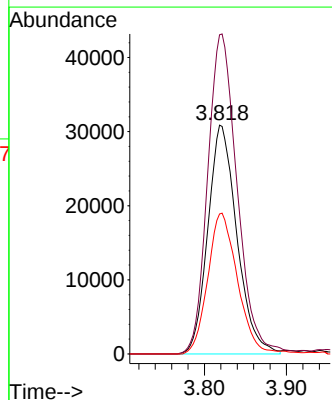
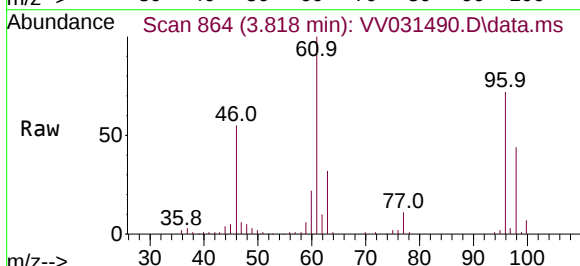
Tgt Ion: 96 Resp: 75925

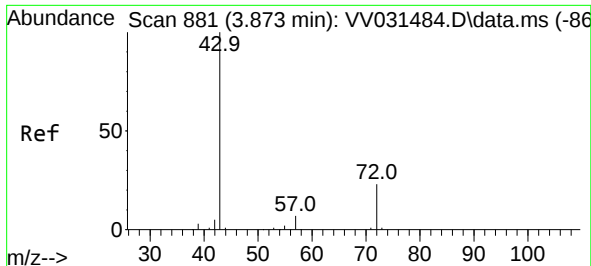
Ion Ratio Lower Upper

96 100

61 139.5 101.6 188.6

98 61.2 44.4 82.4

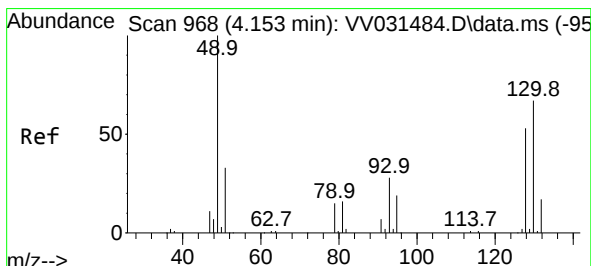
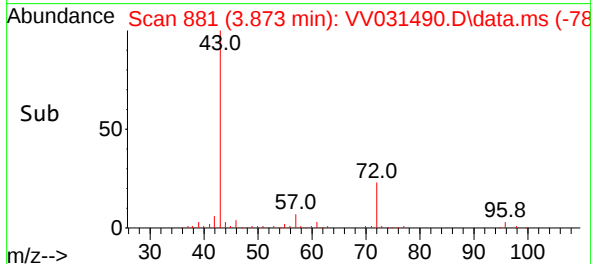
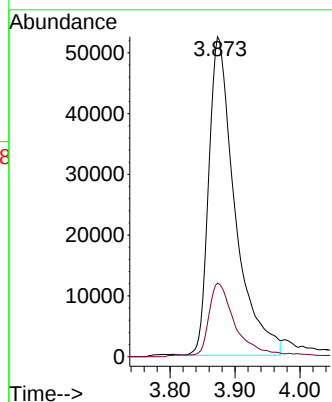
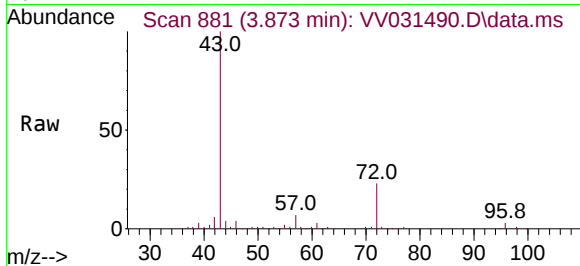




#22
2-Butanone
Concen: 91.820 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

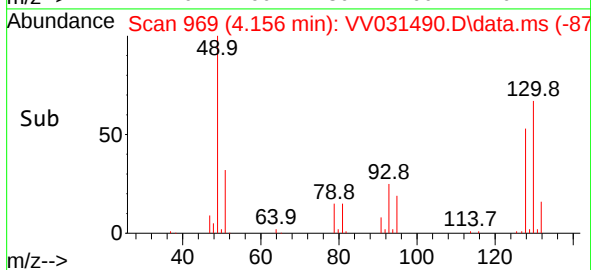
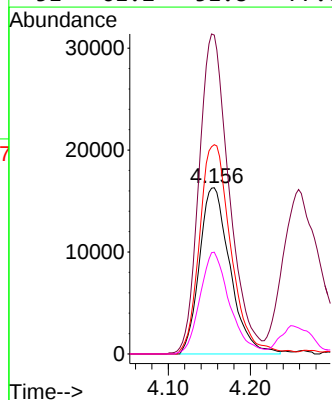
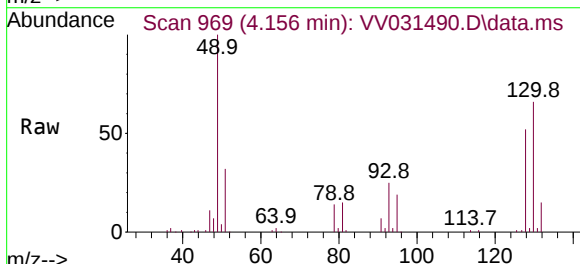
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

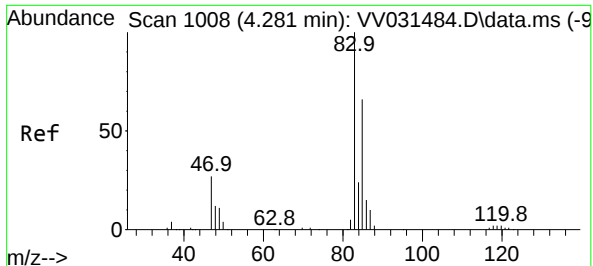
Tgt Ion: 43 Resp: 146909
Ion Ratio Lower Upper
43 100
72 21.6 10.4 31.4



#23
Bromochloromethane
Concen: 56.952 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 128 Resp: 42148
Ion Ratio Lower Upper
128 100
49 191.9 138.2 256.6
130 125.9 91.4 169.8
51 61.2 51.8 77.6





#25

Chloroform

Concen: 55.868 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

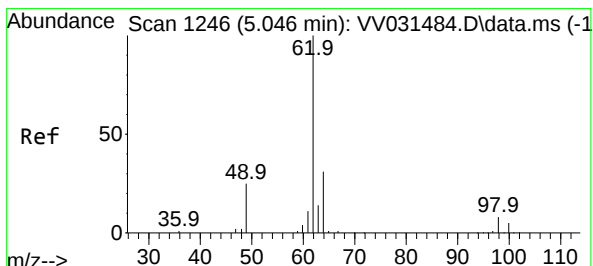
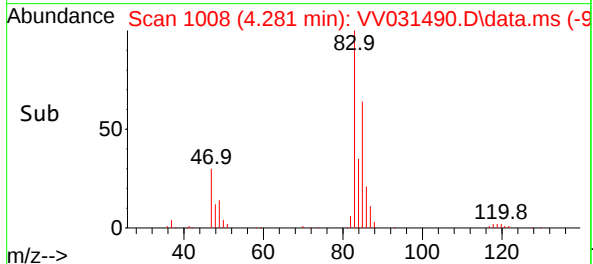
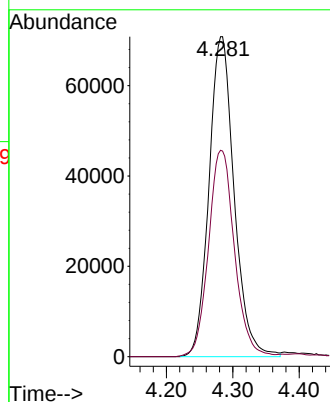
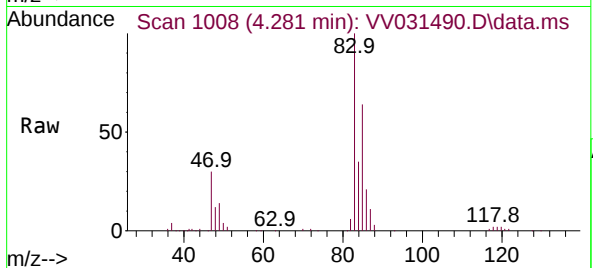
EZEP9MS

Tgt Ion: 83 Resp: 186540

Ion Ratio Lower Upper

83 100

85 64.5 43.9 81.5



#27

1,2-Dichloroethane

Concen: 57.510 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV031490.D

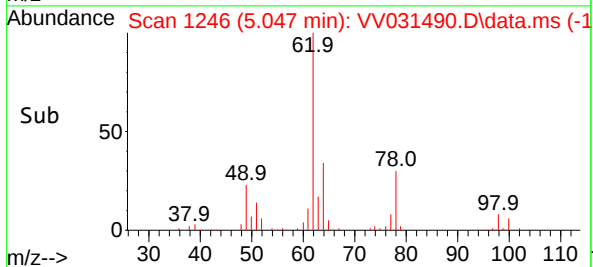
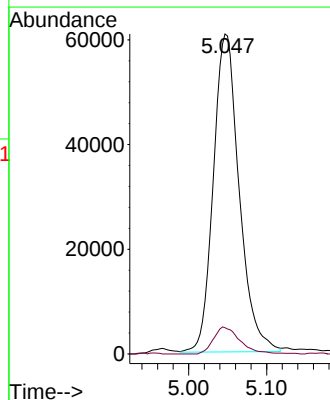
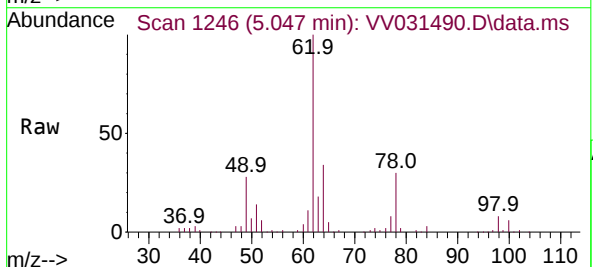
Acq: 09 Jun 2023 12:37

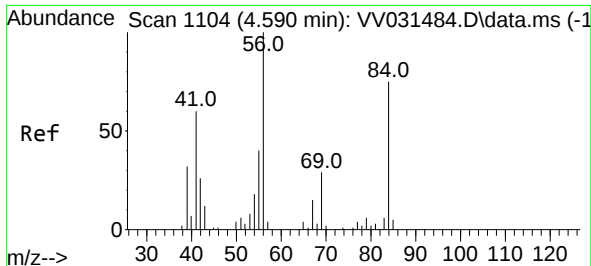
Tgt Ion: 62 Resp: 140213

Ion Ratio Lower Upper

62 100

98 8.2 6.2 9.4

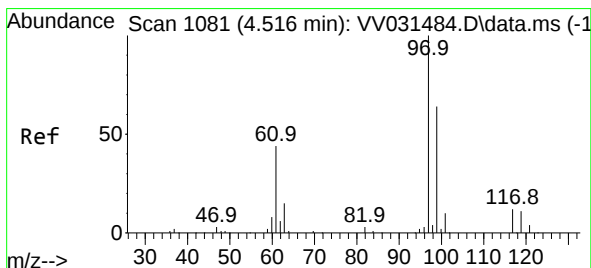
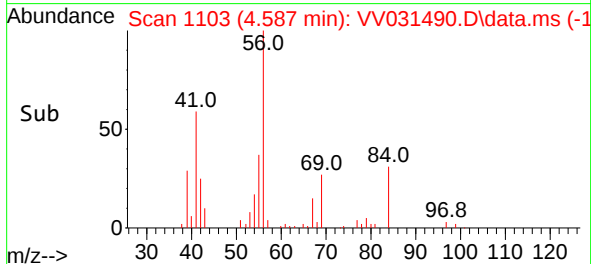
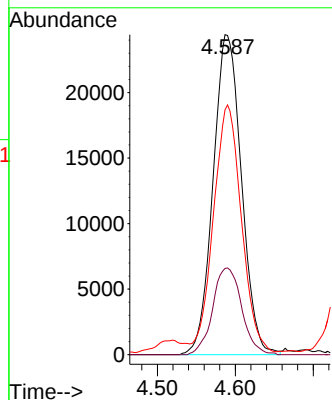
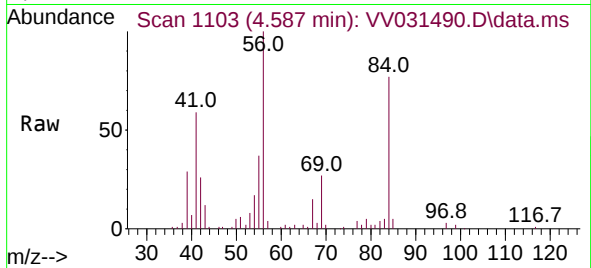




#29
Cyclohexane
Concen: 49.098 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

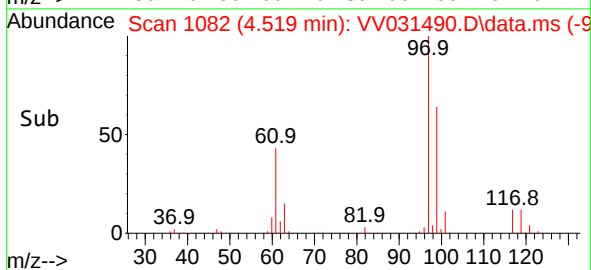
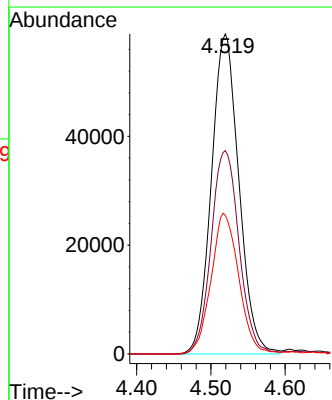
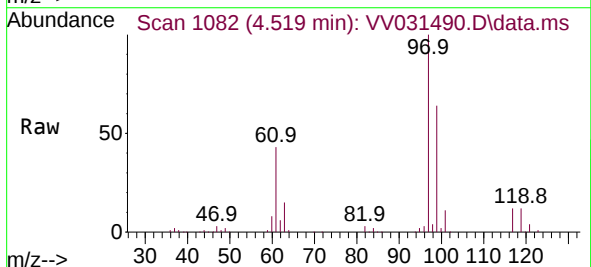
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

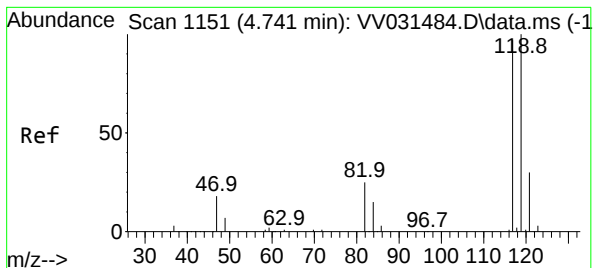
Tgt Ion: 56 Resp: 61766
Ion Ratio Lower Upper
56 100
69 27.6 23.5 35.3
84 75.4 61.3 91.9



#30
1,1,1-Trichloroethane
Concen: 54.621 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 97 Resp: 151442
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 44.3 36.1 54.1





#31

Carbon tetrachloride

Concen: 53.460 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

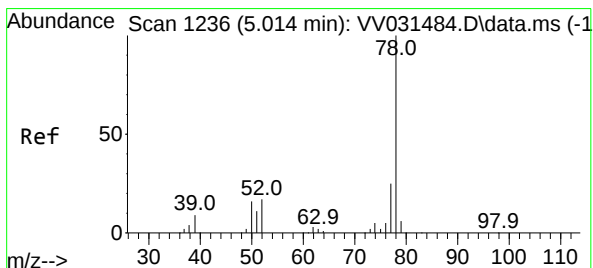
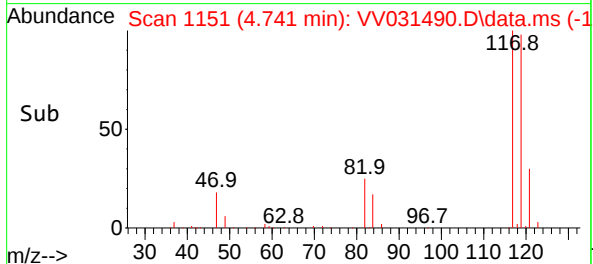
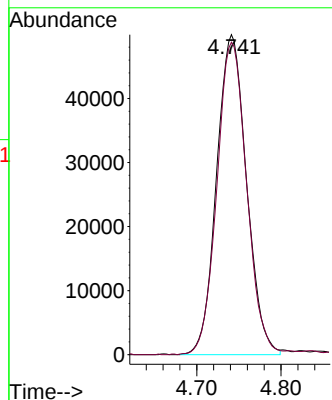
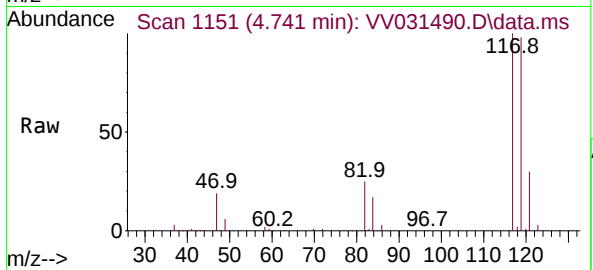
EZEP9MS

Tgt Ion:117 Resp: 123130

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6



#33

Benzene

Concen: 54.633 ug/L

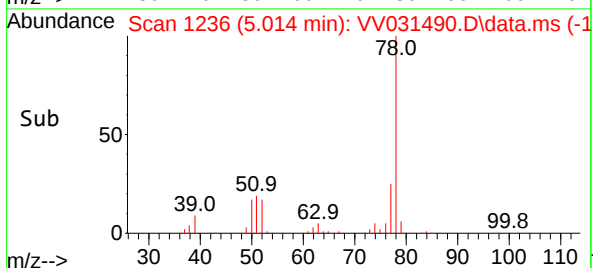
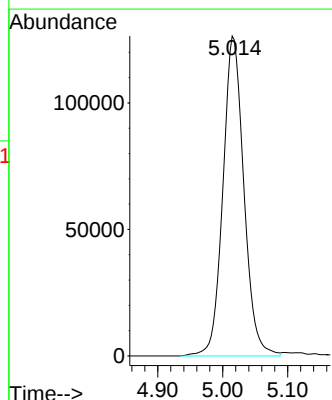
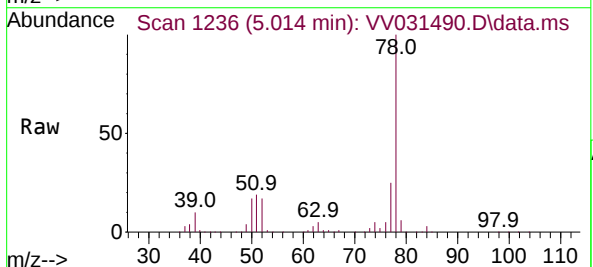
RT: 5.014 min Scan# 1236

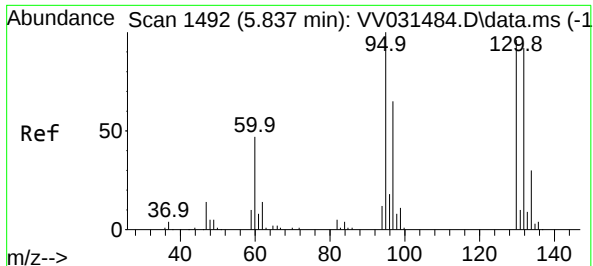
Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Tgt Ion: 78 Resp: 283151

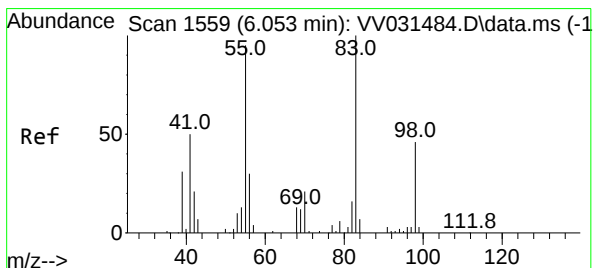
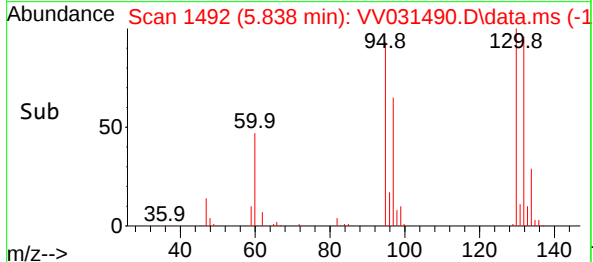
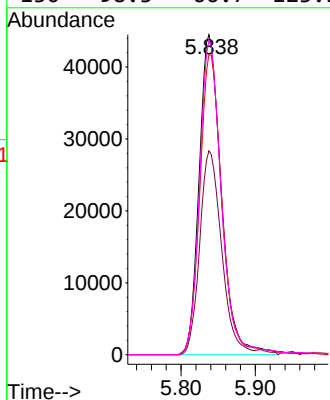
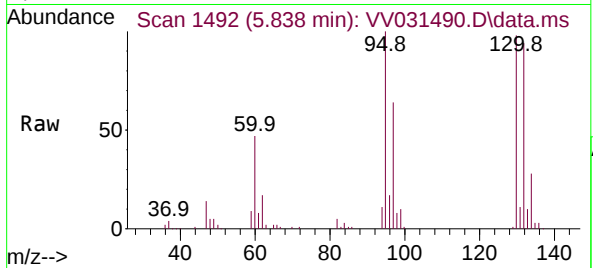




#34
Trichloroethene
Concen: 56.351 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

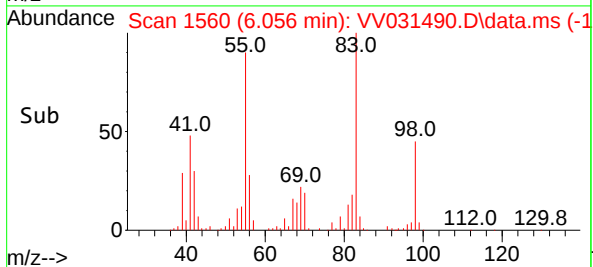
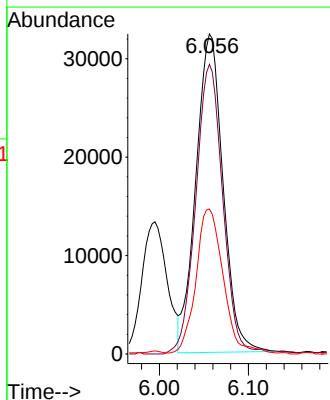
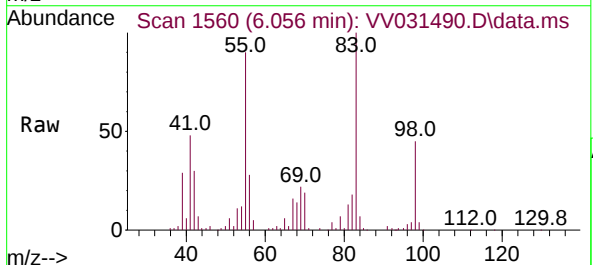
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

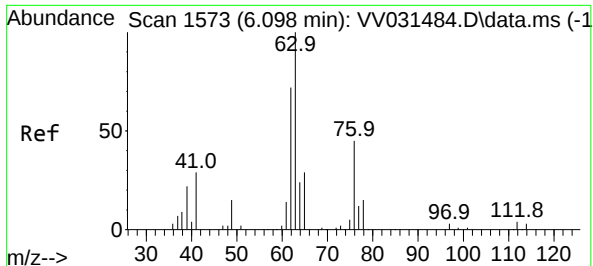
Tgt Ion:	95	Resp:	92013
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.2	82.0
132	93.9	64.2	119.2
130	98.3	66.7	123.9



#35
Methylcyclohexane
Concen: 49.009 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion:	83	Resp:	68442
Ion	Ratio	Lower	Upper
83	100		
55	90.0	73.9	110.9
98	46.1	37.0	55.4





#37

1,2-Dichloropropane

Concen: 56.112 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

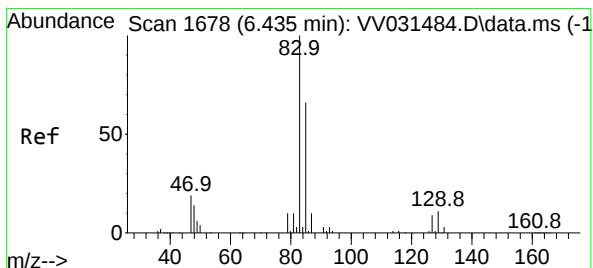
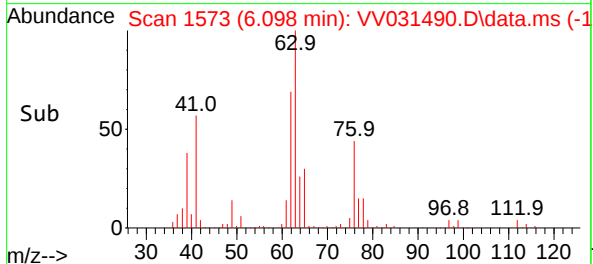
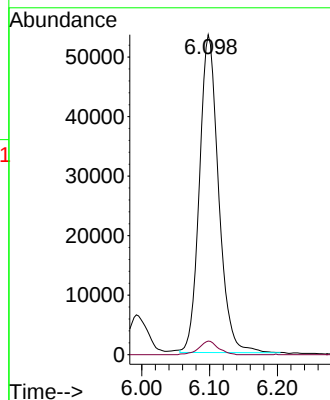
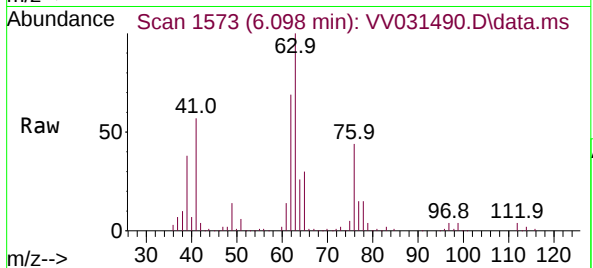
EZEP9MS

Tgt Ion: 63 Resp: 104676

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 53.806 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

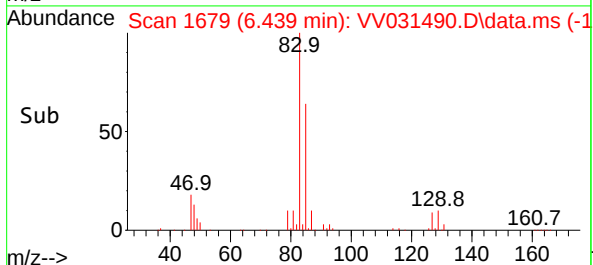
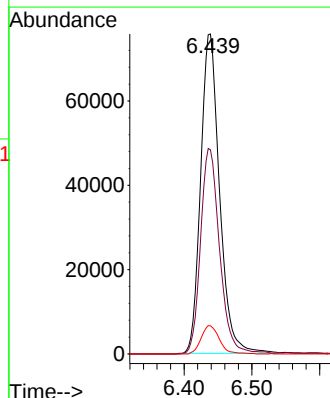
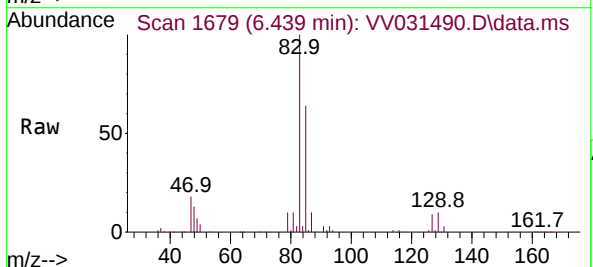
Tgt Ion: 83 Resp: 146911

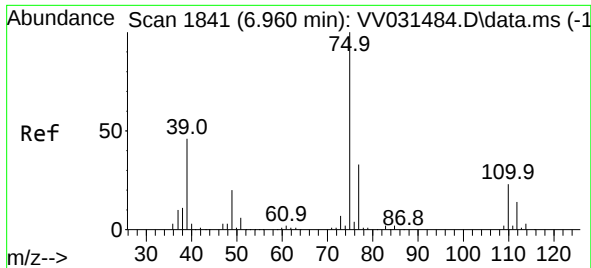
Ion Ratio Lower Upper

83 100

85 63.8 43.2 80.2

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 53.032 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

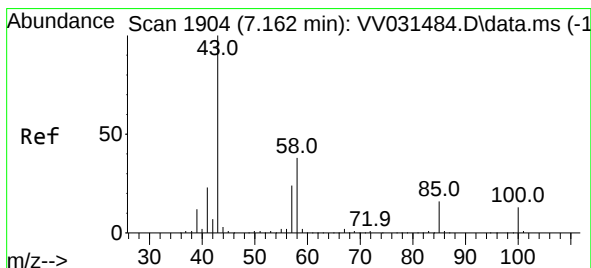
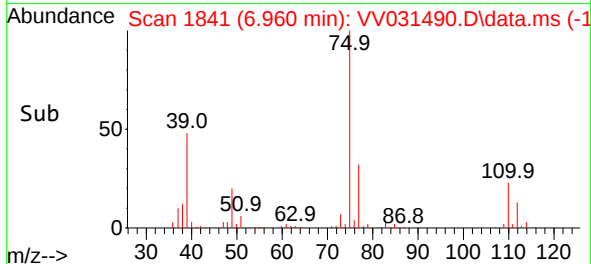
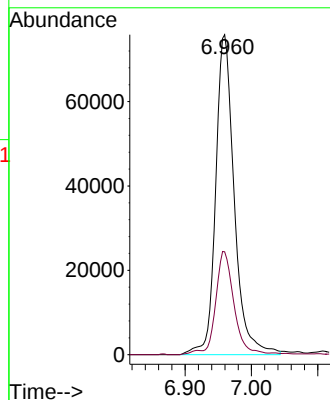
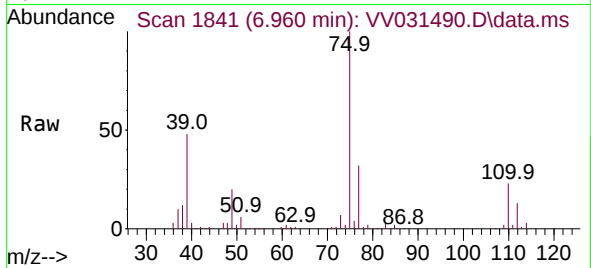
EZEP9MS

Tgt Ion: 75 Resp: 147805

Ion Ratio Lower Upper

75 100

77 32.1 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 110.850 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

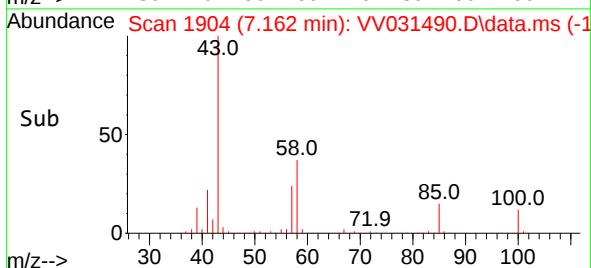
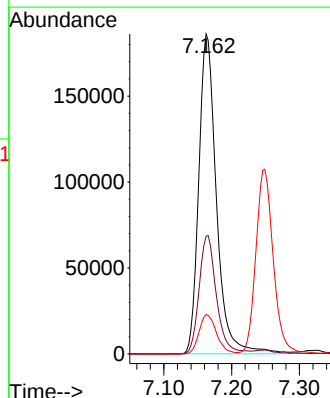
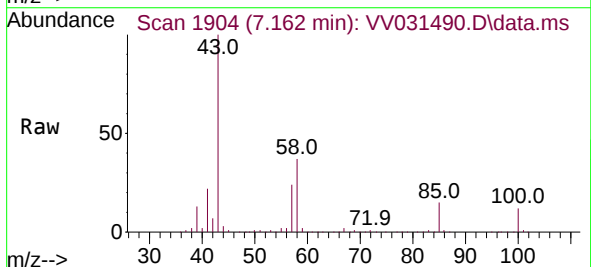
Tgt Ion: 43 Resp: 335922

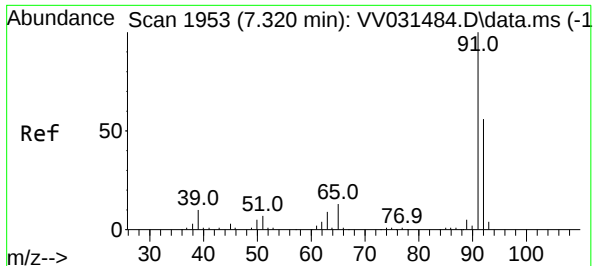
Ion Ratio Lower Upper

43 100

58 36.6 29.9 44.9

100 12.3 10.3 15.5





#42

Toluene

Concen: 55.999 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

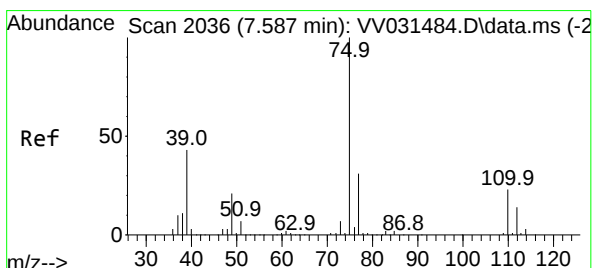
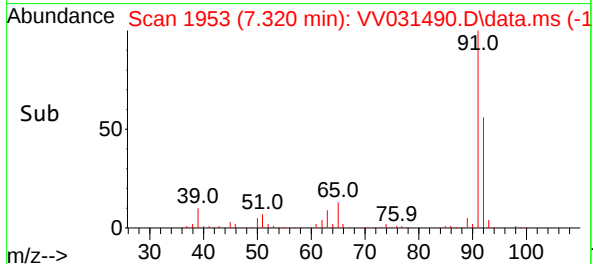
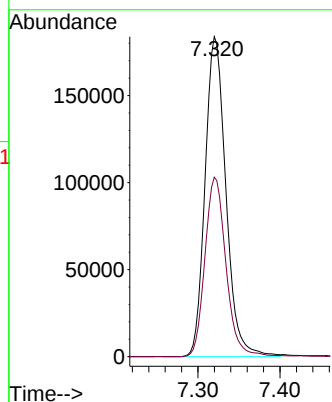
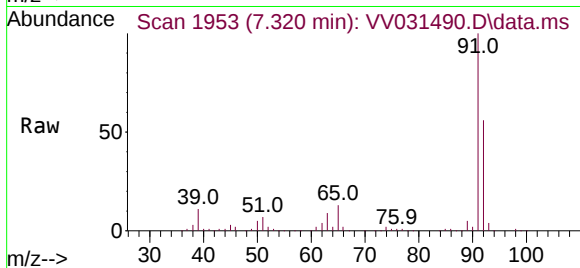
EZEP9MS

Tgt Ion: 91 Resp: 324858

Ion Ratio Lower Upper

91 100

92 56.1 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 55.552 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031490.D

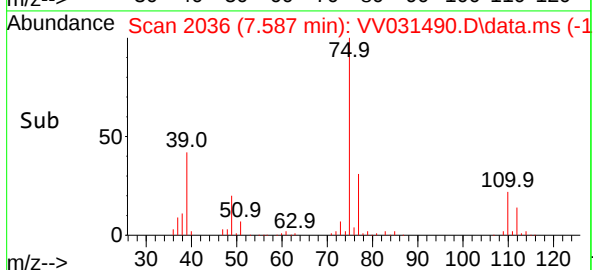
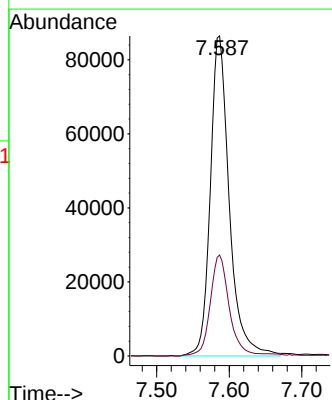
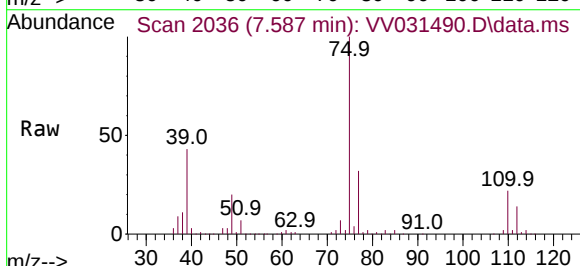
Acq: 09 Jun 2023 12:37

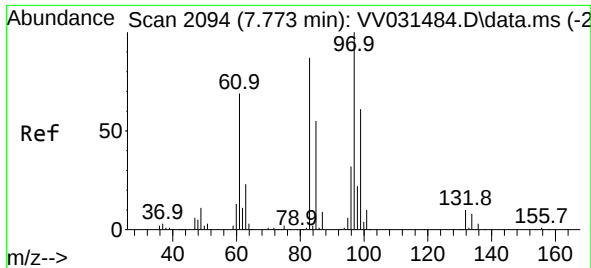
Tgt Ion: 75 Resp: 157040

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2

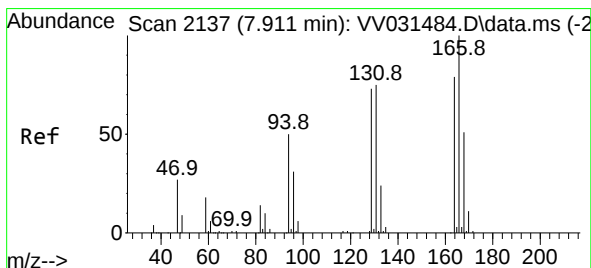
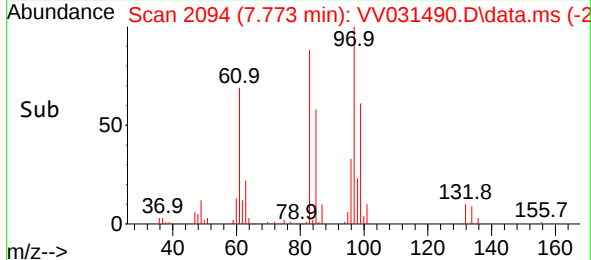
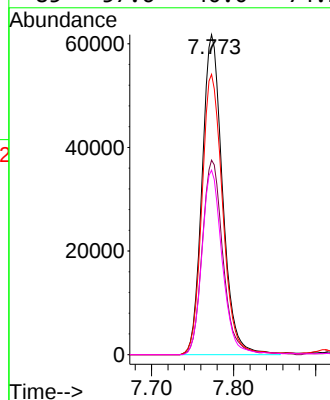
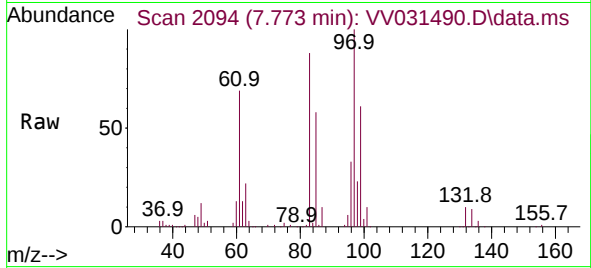




#45
1,1,2-Trichloroethane
Concen: 55.457 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

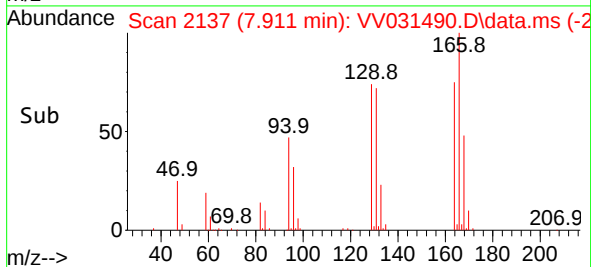
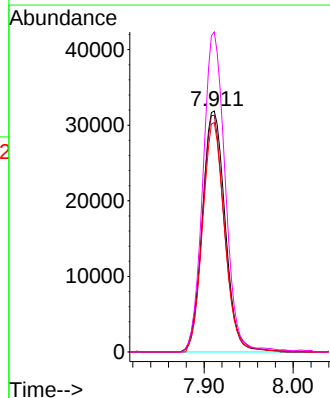
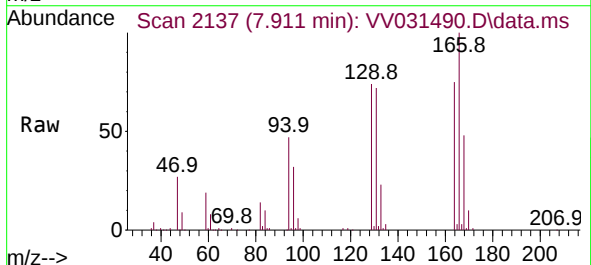
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

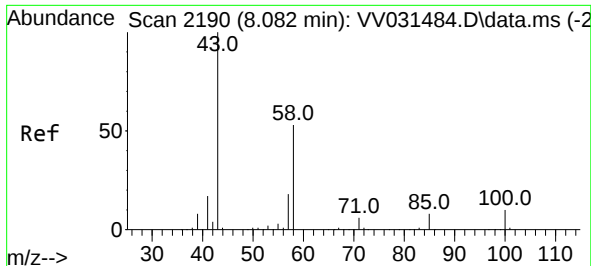
Tgt Ion: 97	Resp: 106935
Ion Ratio	Lower Upper
97 100	
99 60.8	43.8 81.4
83 87.6	61.9 115.1
85 57.6	40.0 74.2



#46
Tetrachloroethene
Concen: 53.527 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt	Ion:164	Resp:	56741
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.0	126.4
131	95.2	65.5	121.7
166	132.8	90.5	168.1

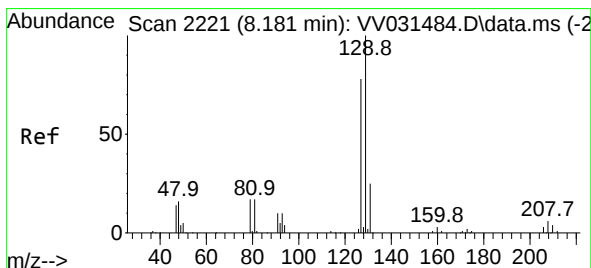
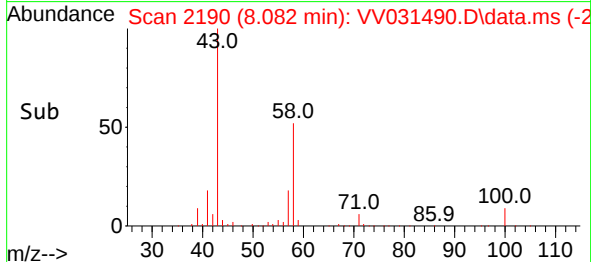
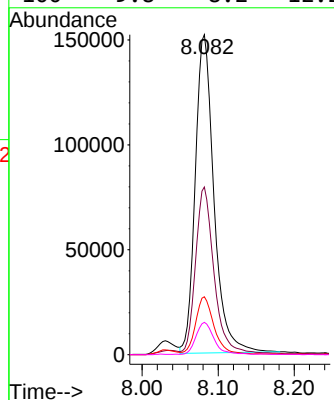
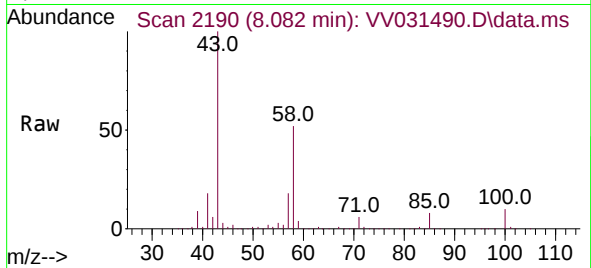




#48
2-Hexanone
Concen: 109.489 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

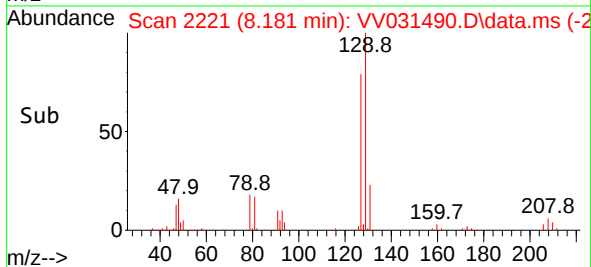
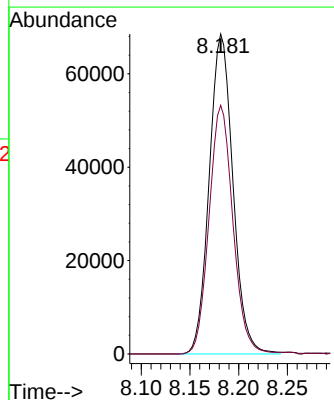
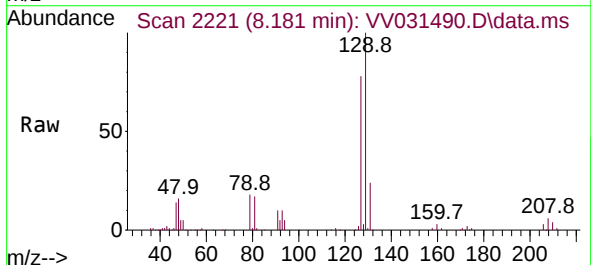
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

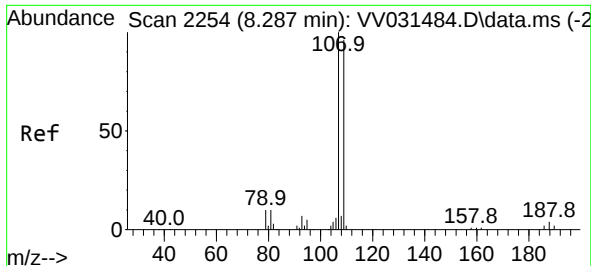
Tgt Ion: 43 Resp: 259715
Ion Ratio Lower Upper
43 100
58 52.2 42.9 64.3
57 17.7 14.6 22.0
100 9.8 8.2 12.2



#49
Dibromochloromethane
Concen: 55.176 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 129 Resp: 116059
Ion Ratio Lower Upper
129 100
127 77.7 55.5 103.1





#50

1,2-Dibromoethane

Concen: 55.576 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MS

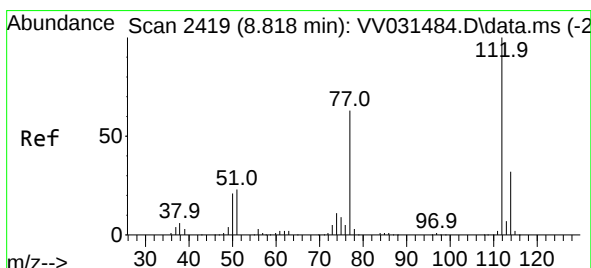
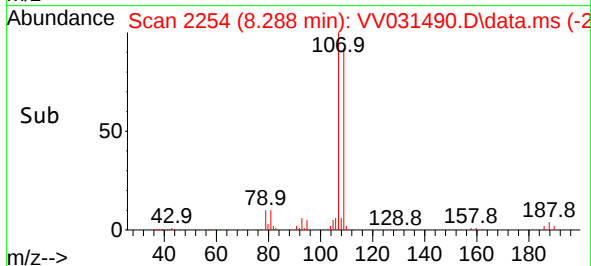
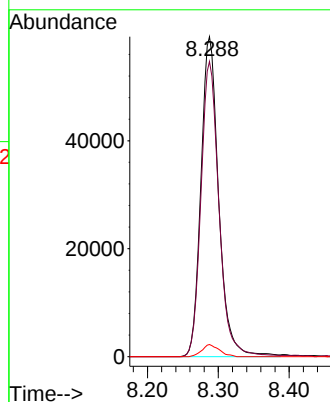
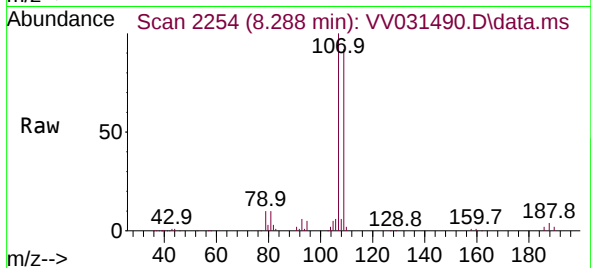
Tgt Ion:107 Resp: 103170

Ion Ratio Lower Upper

107 100

109 92.3 64.1 119.1

188 3.8 3.3 4.9



#51

Chlorobenzene

Concen: 53.183 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

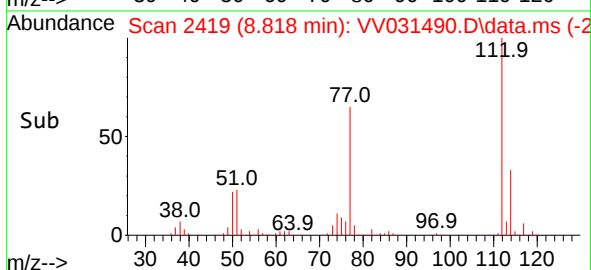
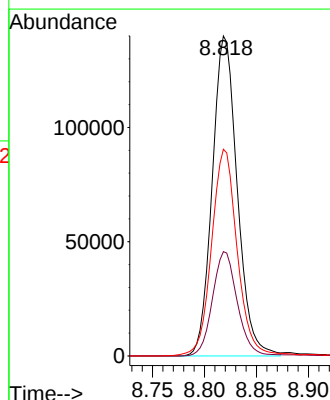
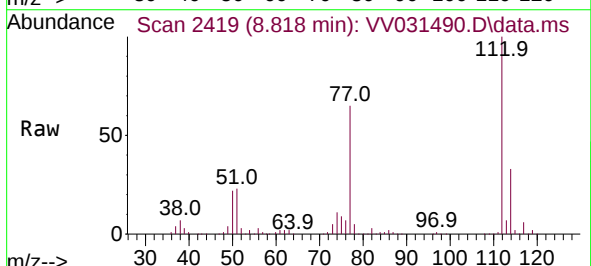
Tgt Ion:112 Resp: 234587

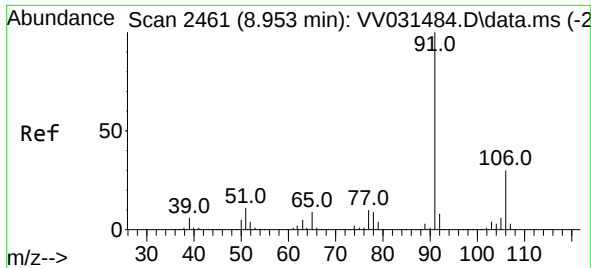
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 64.6 52.4 78.6

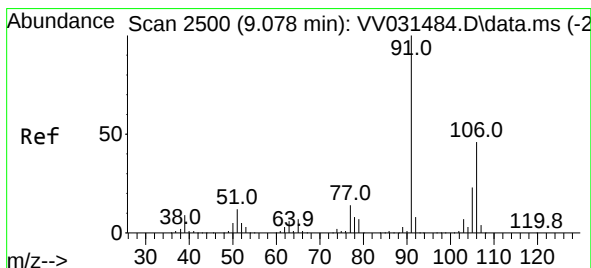
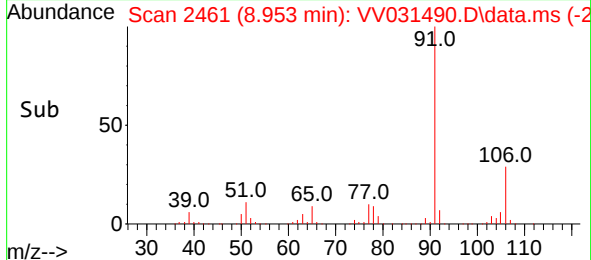
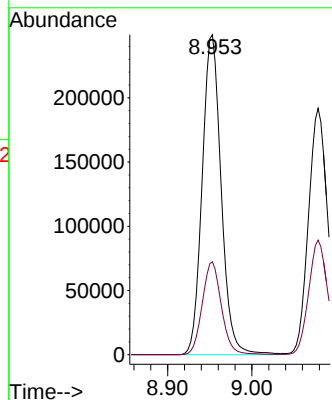
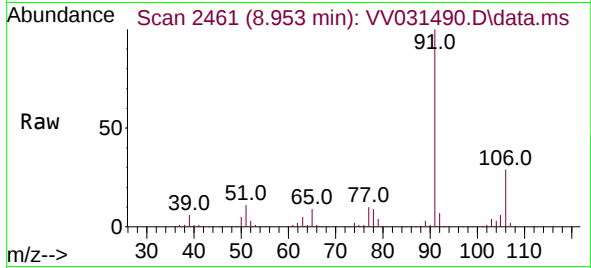




#52
Ethylbenzene
Concen: 54.194 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

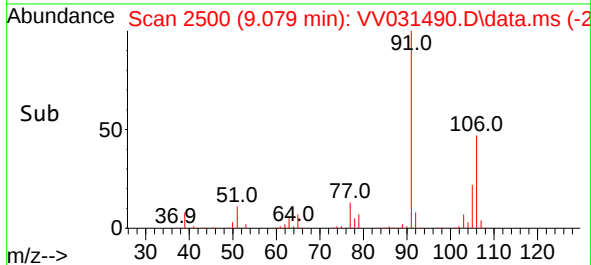
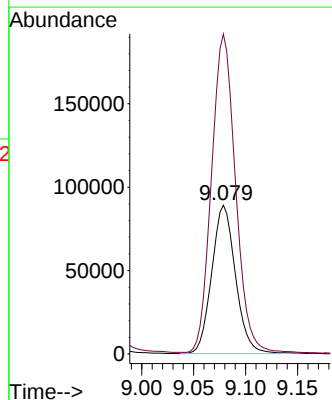
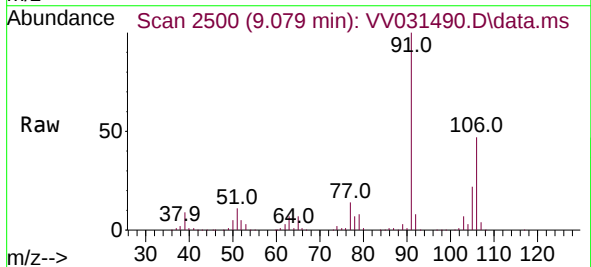
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

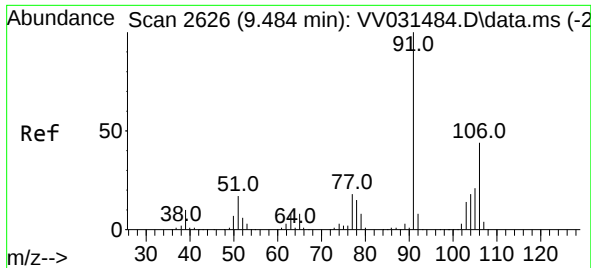
Tgt Ion: 91 Resp: 391263
Ion Ratio Lower Upper
91 100
106 29.1 20.4 38.0



#53
m,p-Xylene
Concen: 54.261 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 106 Resp: 141173
Ion Ratio Lower Upper
106 100
91 215.0 149.4 277.5

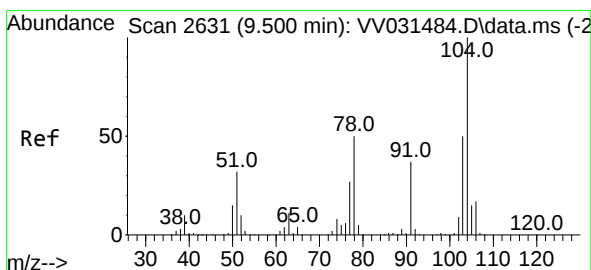
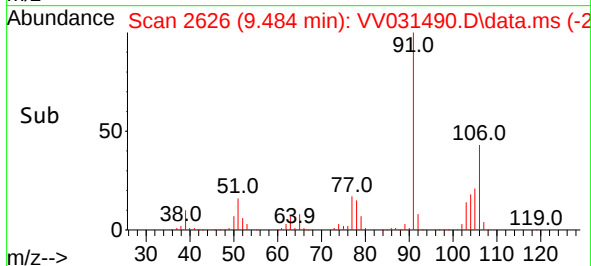
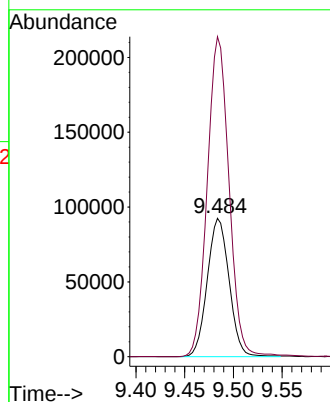
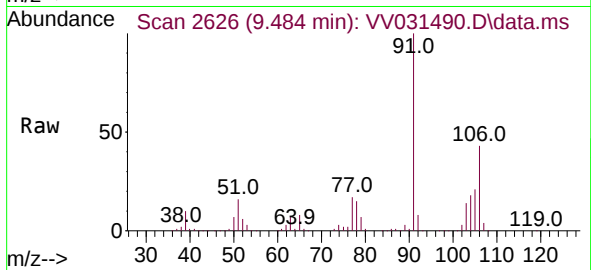




#54
o-Xylene
Concen: 54.919 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

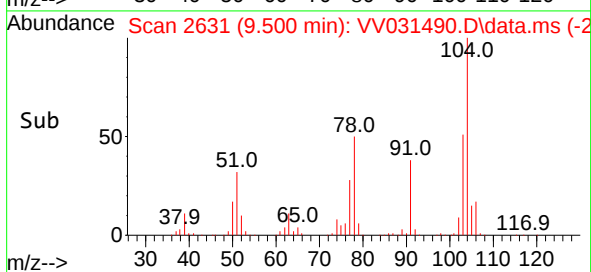
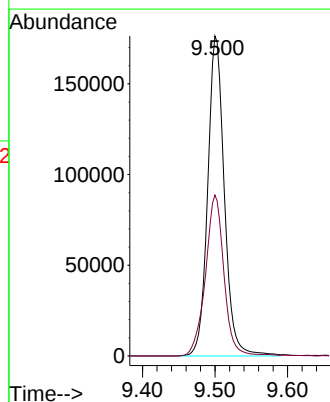
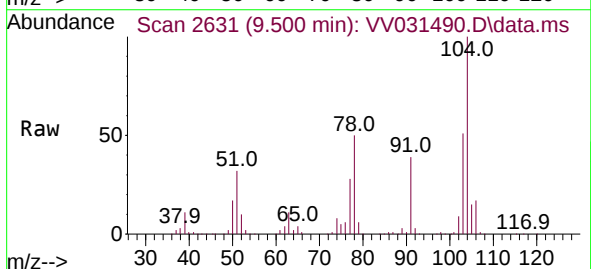
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

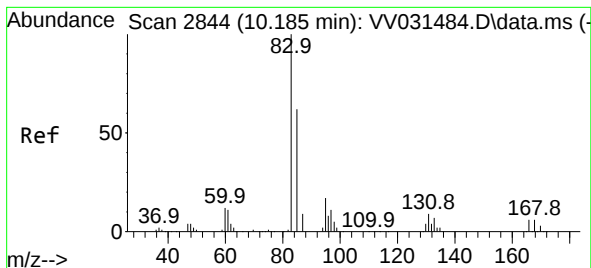
Tgt Ion:106 Resp: 144141
Ion Ratio Lower Upper
106 100
91 231.2 163.8 304.2



#55
Styrene
Concen: 58.860 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion:104 Resp: 281645
Ion Ratio Lower Upper
104 100
78 50.3 35.9 66.7

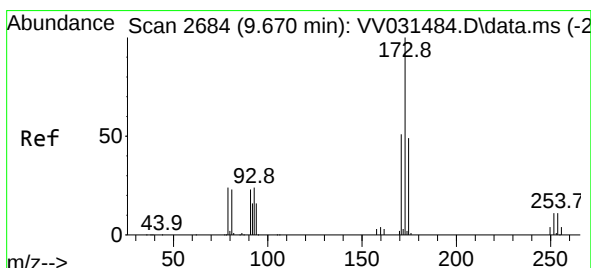
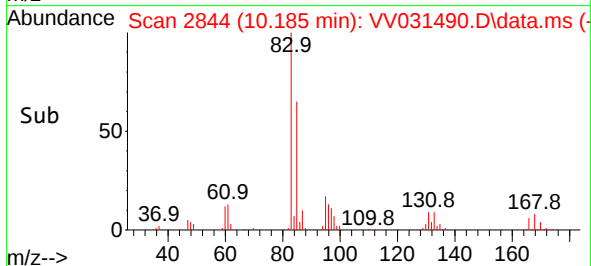
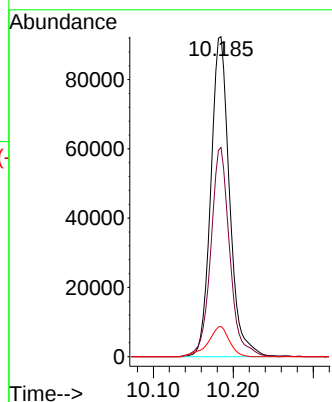
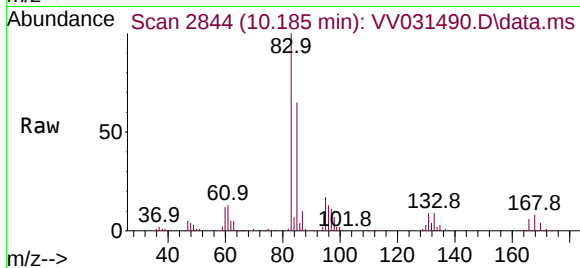




#57
1,1,2,2-Tetrachloroethane
Concen: 50.812 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

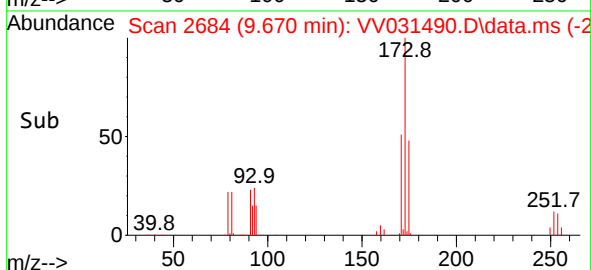
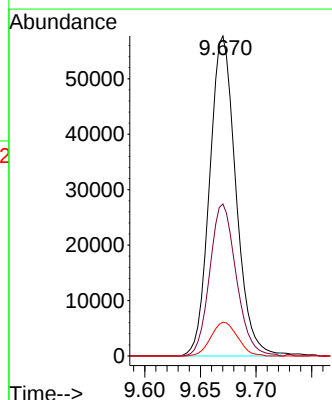
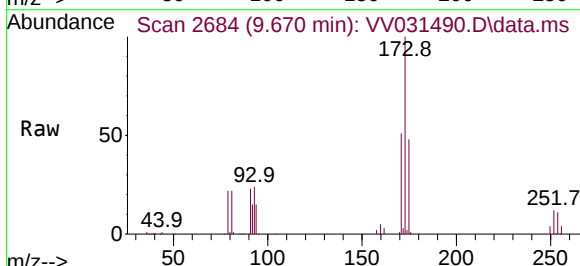
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

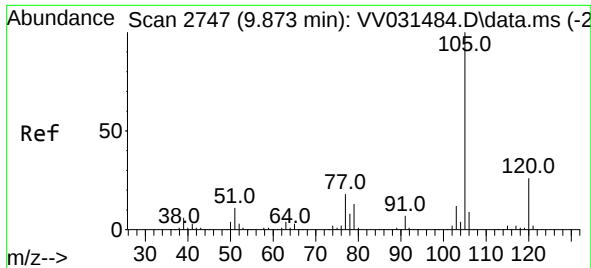
Tgt Ion: 83 Resp: 150193
Ion Ratio Lower Upper
83 100
85 65.4 43.7 81.1
131 9.4 7.3 10.9



#59
Bromoform
Concen: 50.501 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 173 Resp: 94555
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 10.7 8.7 13.1

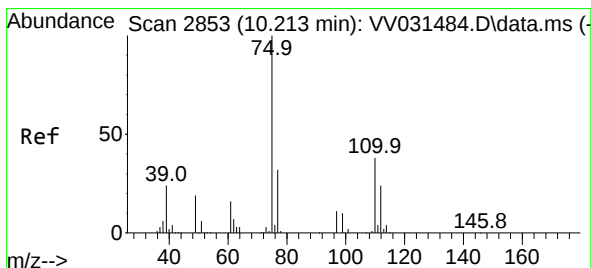
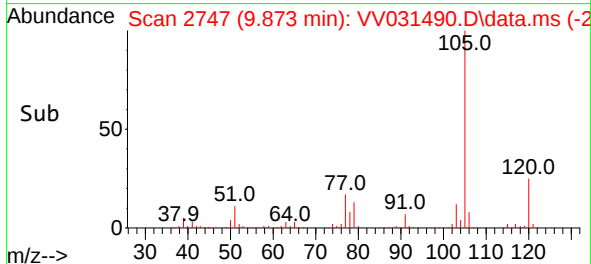
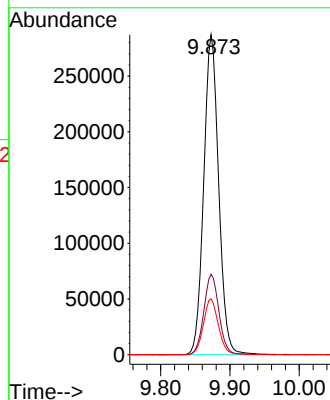
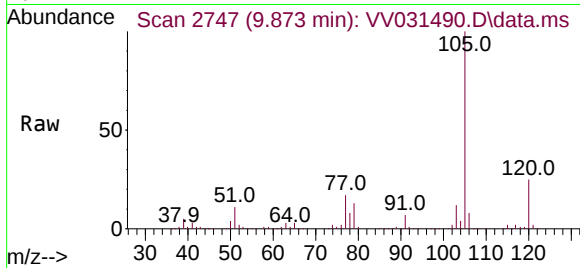




#60
Isopropylbenzene
Concen: 51.304 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

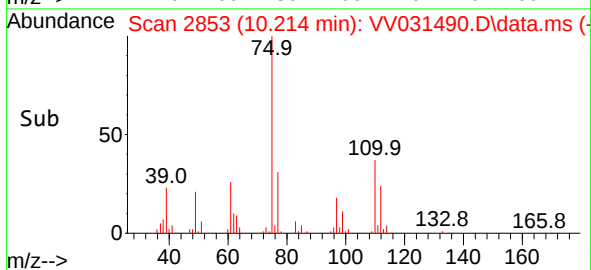
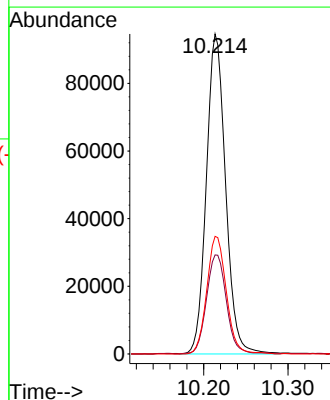
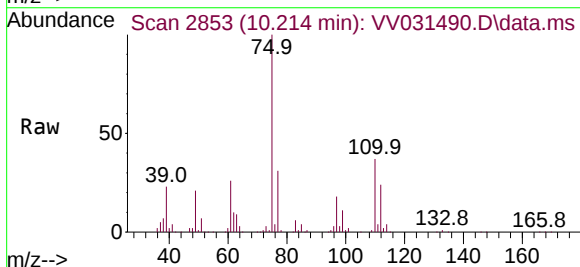
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

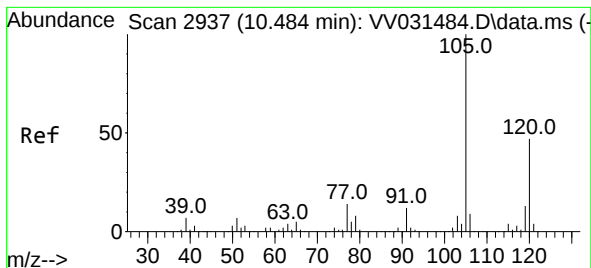
Tgt Ion:105 Resp: 428383
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8
77 17.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 50.896 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 75 Resp: 150553
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 37.0 29.5 44.3

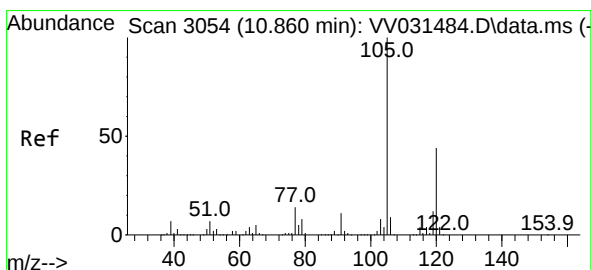
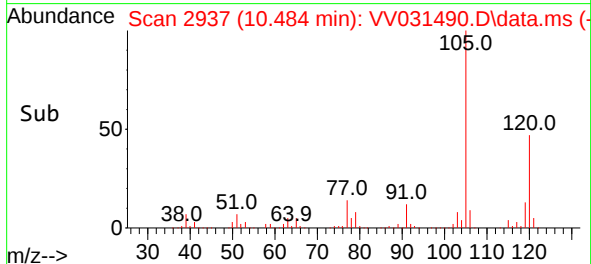
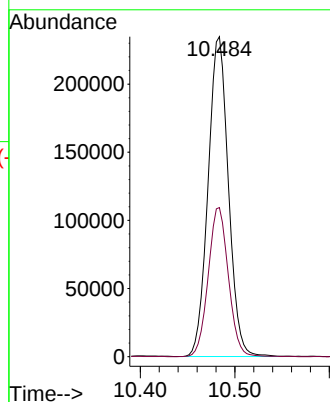
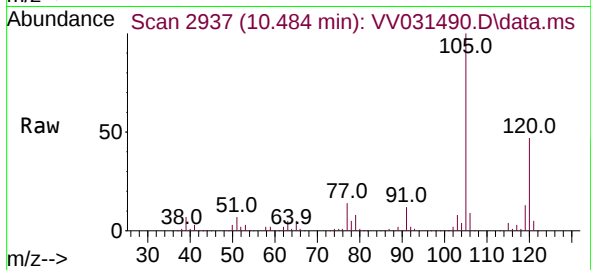




#62
1,3,5-Trimethylbenzene
Concen: 50.832 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

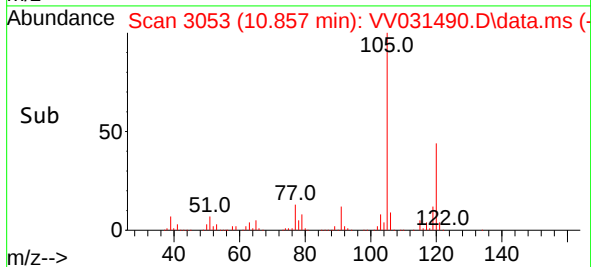
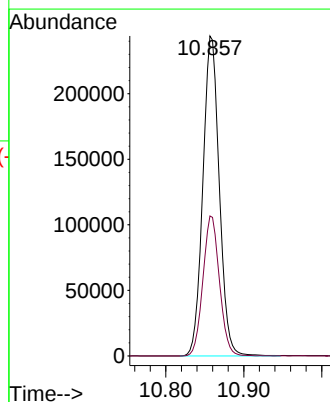
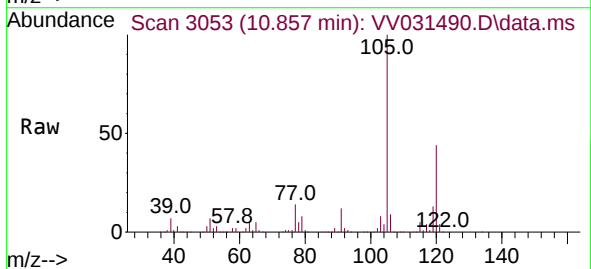
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

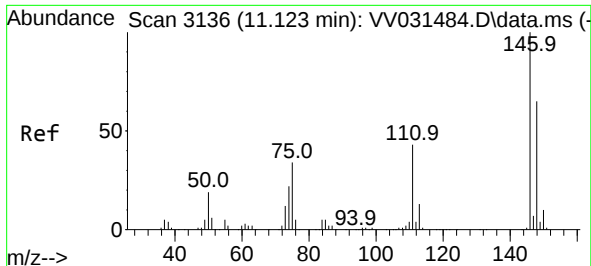
Tgt Ion:105 Resp: 350529
Ion Ratio Lower Upper
105 100
120 46.3 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 51.771 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion:105 Resp: 357351
Ion Ratio Lower Upper
105 100
120 43.9 35.0 52.4

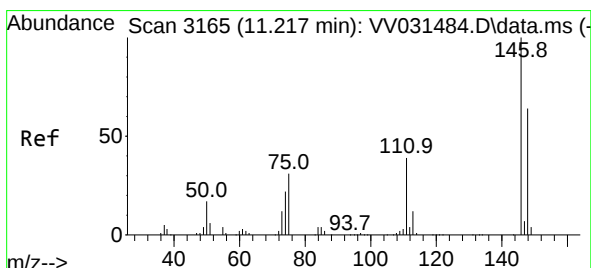
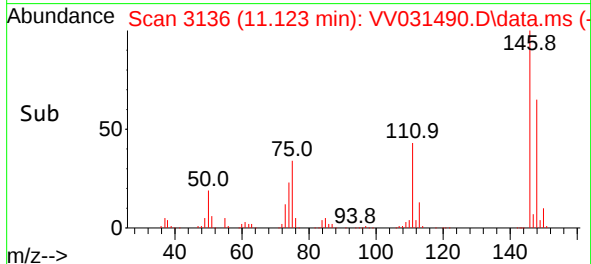
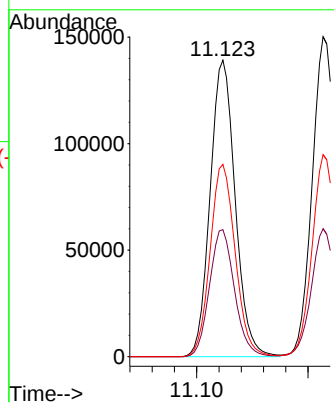
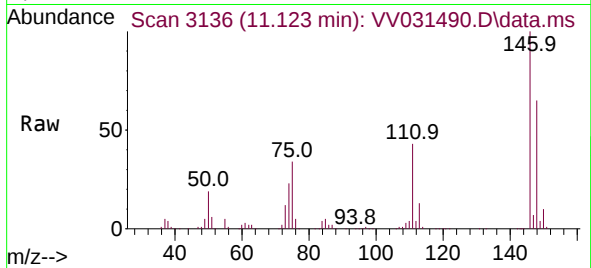




#64
1,3-Dichlorobenzene
Concen: 50.883 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

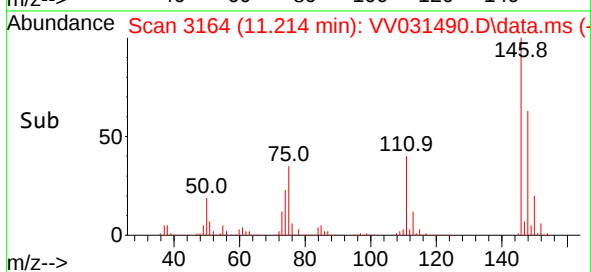
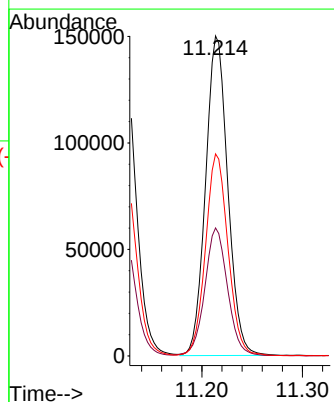
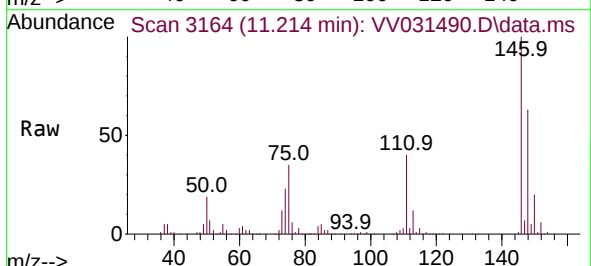
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

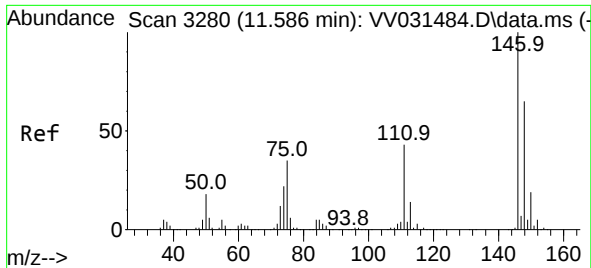
Tgt Ion:146 Resp: 217472
Ion Ratio Lower Upper
146 100
111 42.8 29.3 54.5
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.846 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion:146 Resp: 229853
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.3
148 63.2 45.1 83.7

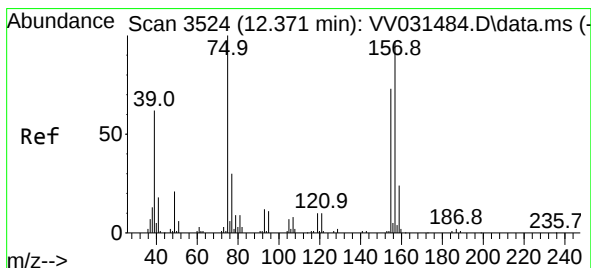
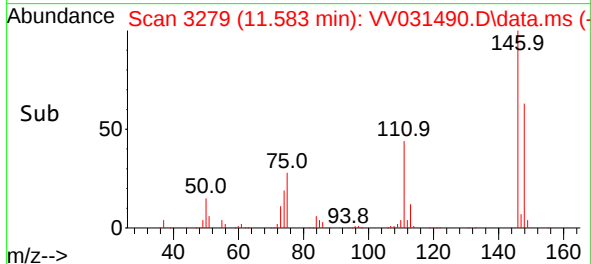
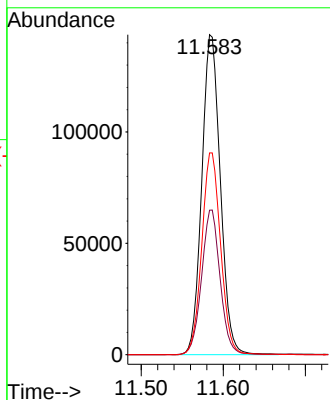
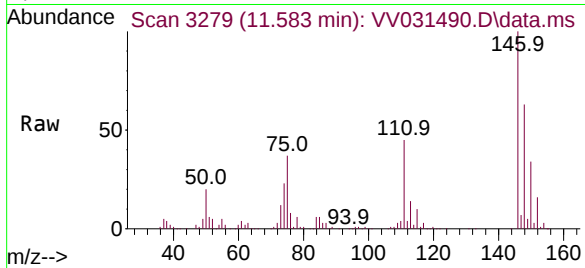




#67
1,2-Dichlorobenzene
Concen: 51.658 ug/L
RT: 11.583 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

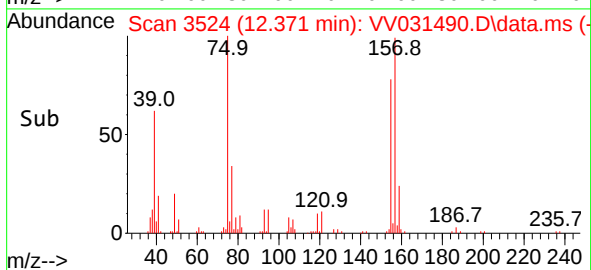
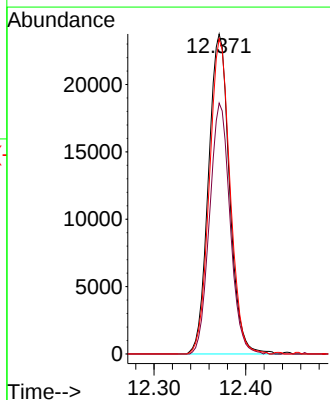
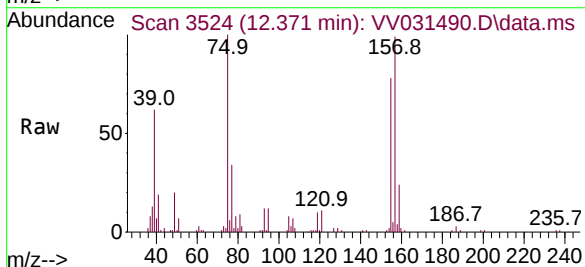
Instrument :
MSVOA_V
ClientSampleId :
EZEP9MS

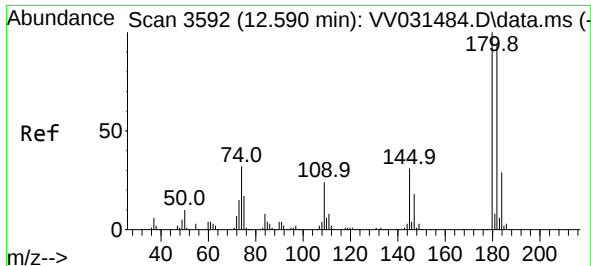
Tgt Ion:146 Resp: 226328
Ion Ratio Lower Upper
146 100
111 45.2 34.5 51.7
148 63.0 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 48.169 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031490.D
Acq: 09 Jun 2023 12:37

Tgt Ion: 75 Resp: 37767
Ion Ratio Lower Upper
75 100
155 78.4 62.1 93.1
157 98.5 74.9 112.3

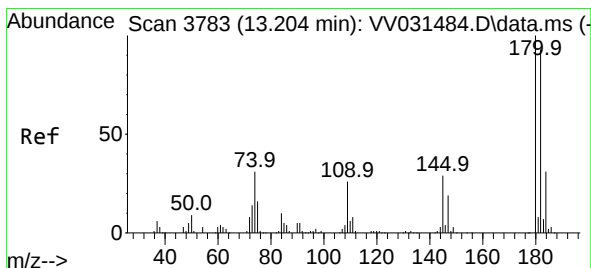
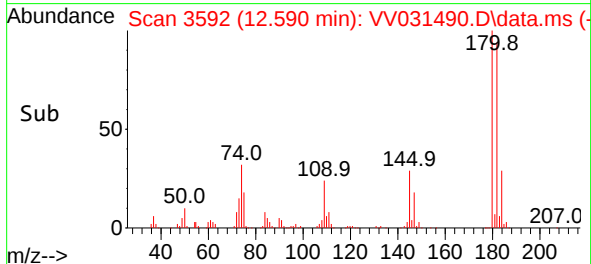
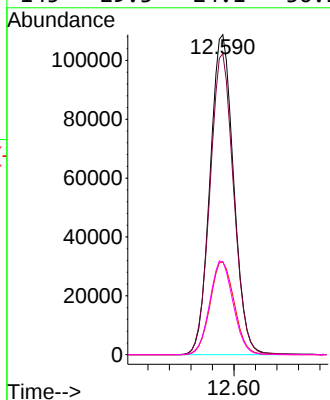
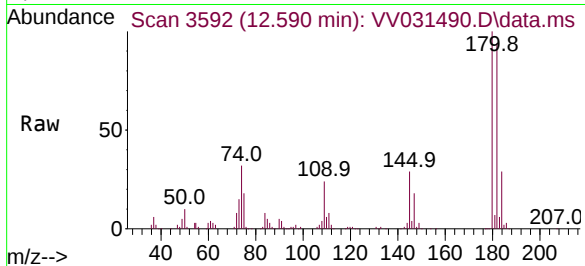




#69
 1,3,5-Trichlorobenzene
 Concen: 50.320 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

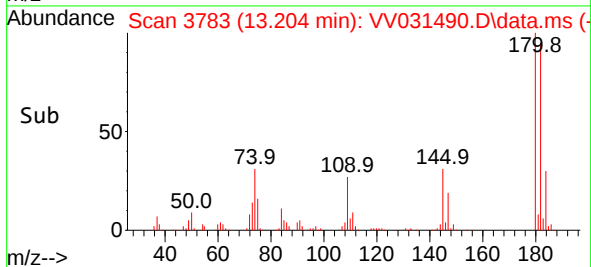
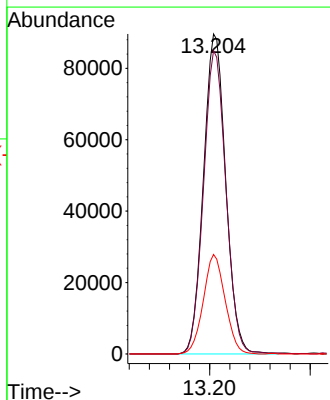
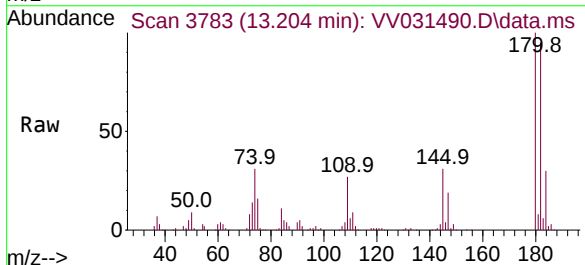
Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MS

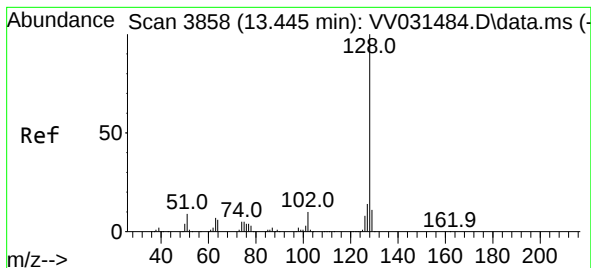
Tgt Ion:180 Resp: 165577
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.7 113.5
 184 29.7 23.9 35.9
 145 29.3 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 49.074 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: VV031490.D
 Acq: 09 Jun 2023 12:37

Tgt Ion:180 Resp: 137758
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 145 30.4 24.2 36.2





#71

Naphthalene

Concen: 41.827 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

EZEP9MS

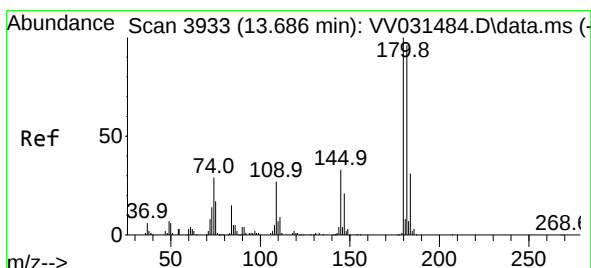
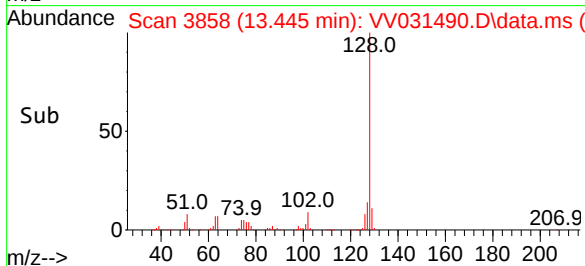
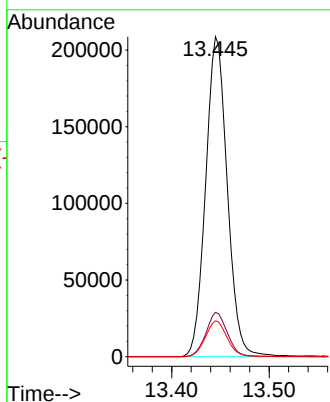
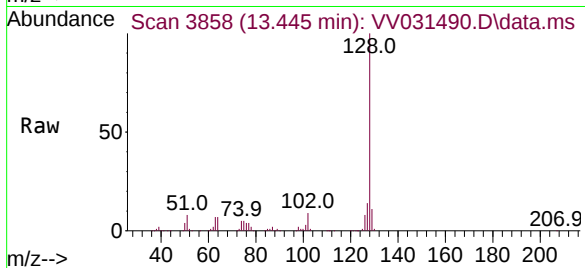
Tgt Ion:128 Resp: 321818

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 49.930 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031490.D

Acq: 09 Jun 2023 12:37

Tgt Ion:180 Resp: 140490

Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.2

145 32.7 25.6 38.4

