

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031921.D
 Acq On : 24 Aug 2023 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:01:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113615	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	17070	4.448	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.536	69	21548	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.063	65	10584	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.822	46	121185	65.239	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.480%#
24) Chloroform-d	4.259	84	64541	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.950	65	33443	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.966	84	122503	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.995	67	42580	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.249	98	110727	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	14230	4.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.031	63	96221	56.730	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.460%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33764	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	44724	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32261	4.971	ug/L	97
3) Chloromethane	1.217	50	35038	5.040	ug/L	99
5) Vinyl chloride	1.285	62	36012	5.054	ug/L	96
6) Bromomethane	1.491	94	19592	4.399	ug/L	100
8) Chloroethane	1.555	64	22820	5.015	ug/L	99
9) Trichlorofluoromethane	1.716	101	45344	4.934	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	27530	5.022	ug/L	94
12) 1,1-Dichloroethene	2.073	96	26188	5.120	ug/L	94
13) Acetone	2.150	43	53481	48.862	ug/L	67
14) Carbon disulfide	2.246	76	73273	5.093	ug/L	99
15) Methyl Acetate	2.391	43	13122	5.883	ug/L	99
16) Methylene chloride	2.452	84	35090	4.219	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	83593	5.268	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	29559	5.098	ug/L	98
19) 1,1-Dichloroethane	3.118	63	61530	5.153	ug/L	98
21) 2-Butanone	3.905	43	89644	57.823	ug/L	82
22) cis-1,2-Dichloroethene	3.822	96	34999	5.241	ug/L	93
23) Bromochloromethane	4.159	128	13970	5.272	ug/L	95
25) Chloroform	4.285	83	61885	5.084	ug/L	97

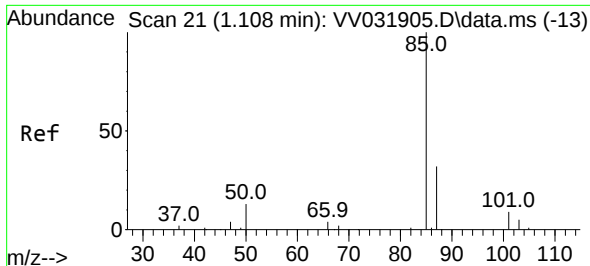
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	37067	5.093	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	50869	4.844	ug/L	99
30) Cyclohexane	4.587	56	53272	4.936	ug/L	98
31) Carbon tetrachloride	4.738	117	42456	4.999	ug/L	96
33) Benzene	5.018	78	130476	5.210	ug/L	100
34) Trichloroethene	5.841	95	35533	4.854	ug/L	98
35) Methylcyclohexane	6.056	83	52601	4.937	ug/L	99
37) 1,2-Dichloropropane	6.098	63	34577	5.011	ug/L	100
38) Bromodichloromethane	6.439	83	44828	5.020	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	53600	5.106	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	237278	54.867	ug/L	96
42) Toluene	7.320	91	138616	4.982	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	43089	4.917	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	23710	4.801	ug/L	97
47) Tetrachloroethene	7.908	164	22801	4.876	ug/L	98
48) 2-Hexanone	8.082	43	170798	52.862	ug/L	99
49) Dibromochloromethane	8.182	129	26571	5.163	ug/L	99
50) 1,2-Dibromoethane	8.288	107	21821	4.886	ug/L #	97
51) Chlorobenzene	8.818	112	88596	5.029	ug/L	98
52) Ethylbenzene	8.950	91	159814	4.996	ug/L	99
53) m,p-Xylene	9.075	106	59004	4.898	ug/L	100
54) o-Xylene	9.481	106	58093	4.990	ug/L	98
55) Styrene	9.500	104	100309	4.994	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	27900	5.579	ug/L	96
59) Bromoform	9.670	173	13546	5.134	ug/L	96
60) Isopropylbenzene	9.870	105	158590	5.109	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	21796	5.299	ug/L	95
62) 1,3,5-Trimethylbenzene	10.481	105	134790	5.066	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	131193	5.018	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	70503	5.129	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	70330	4.980	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	64222	5.105	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	4762	5.112	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	52018	5.090	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	43583	4.678	ug/L	99
71) Naphthalene	13.445	128	76553	4.363	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	37590	4.792	ug/L	100

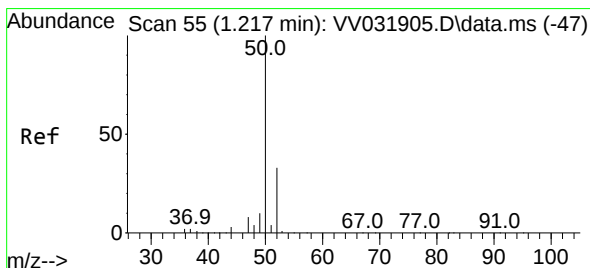
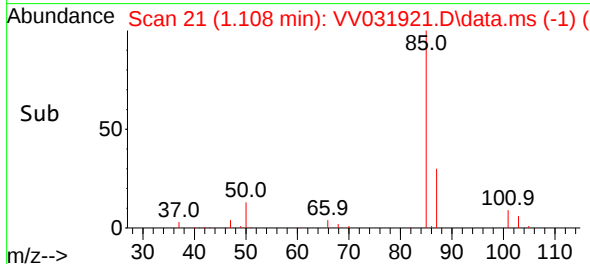
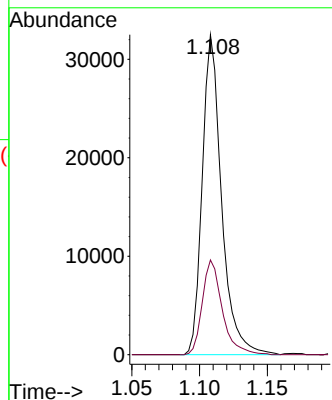
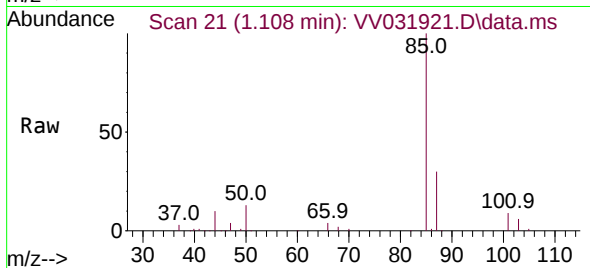
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.971 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

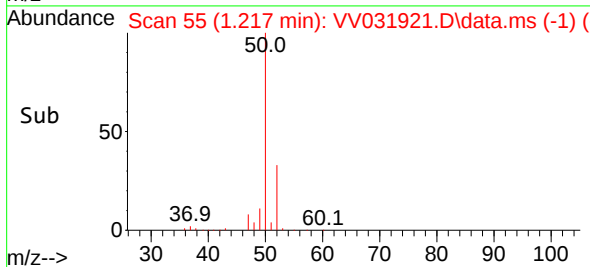
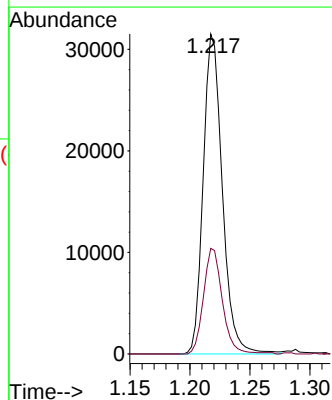
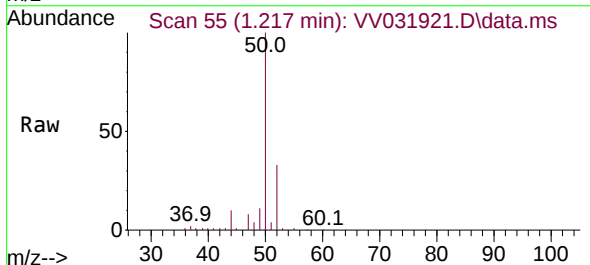
Instrument :
 MSVOA_V
 ClientSampleId :

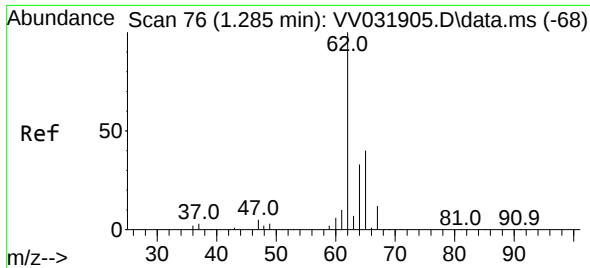
Tgt Ion: 85 Resp: 32261
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.7 38.5



#3
 Chloromethane
 Concen: 5.040 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

Tgt Ion: 50 Resp: 35038
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.3 43.3

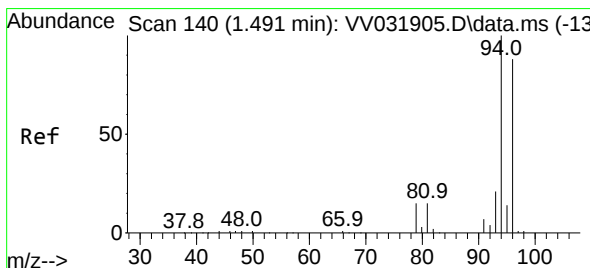
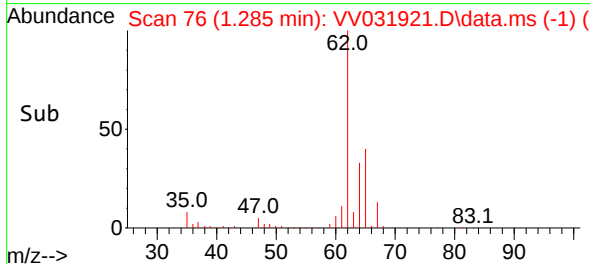
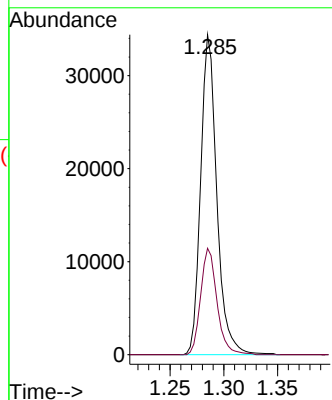
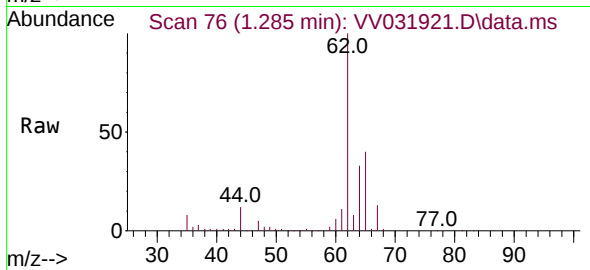




#5
 Vinyl chloride
 Concen: 5.054 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

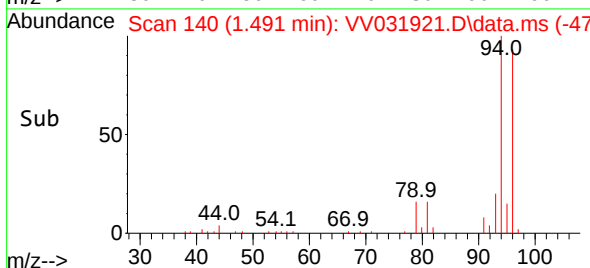
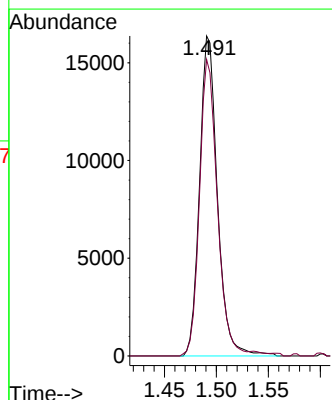
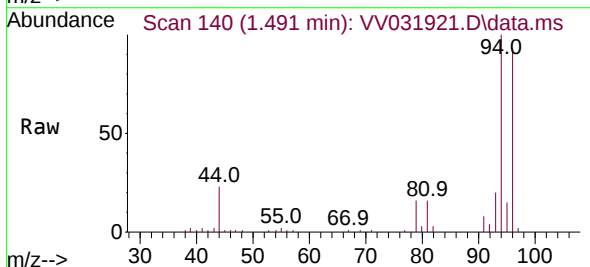
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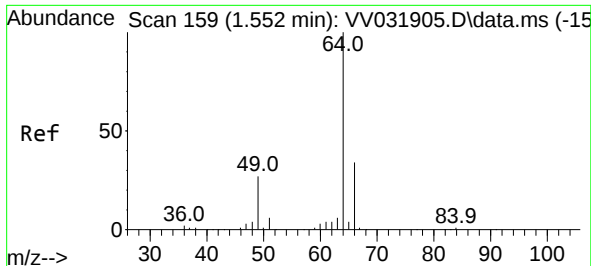
Tgt Ion: 62 Resp: 36012
 Ion Ratio Lower Upper
 62 100
 64 33.3 21.7 40.3



#6
 Bromomethane
 Concen: 4.399 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

Tgt Ion: 94 Resp: 19592
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.0 120.8

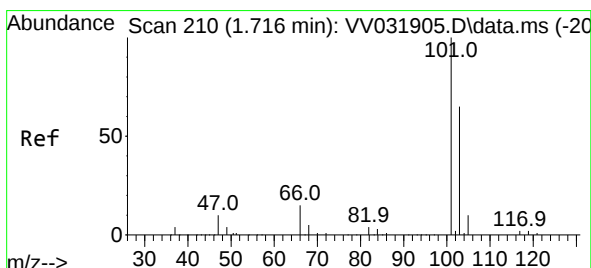
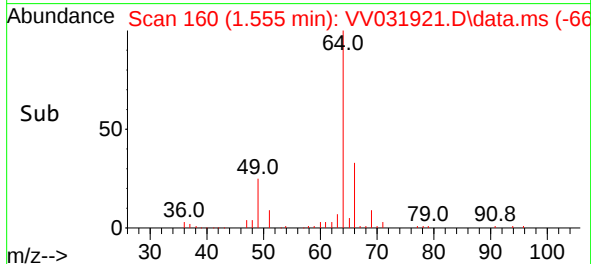
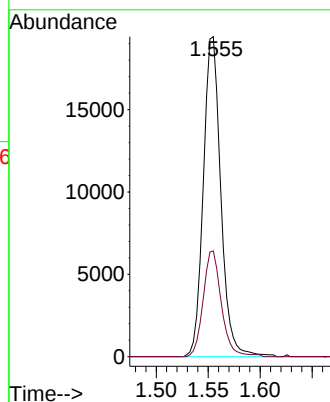
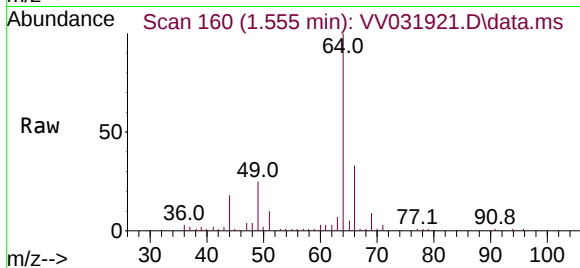




#8
Chloroethane
Concen: 5.015 ug/L
RT: 1.555 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

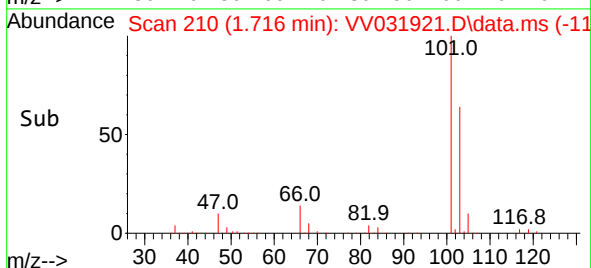
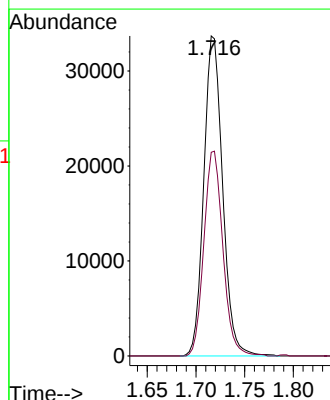
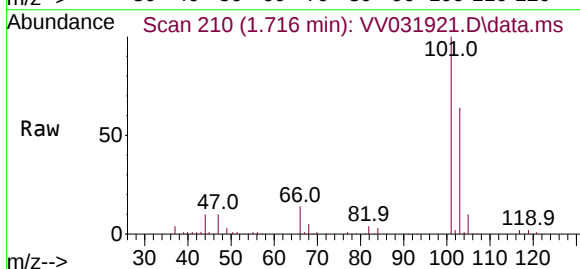
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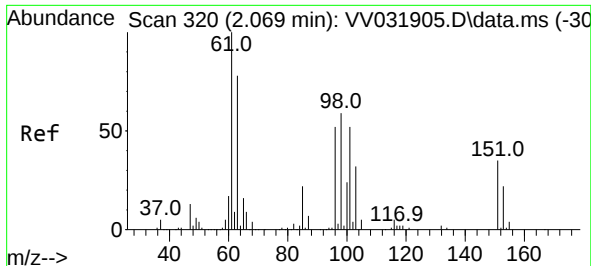
Tgt Ion: 64 Resp: 22820
Ion Ratio Lower Upper
64 100
66 33.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.934 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion:101 Resp: 45344
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

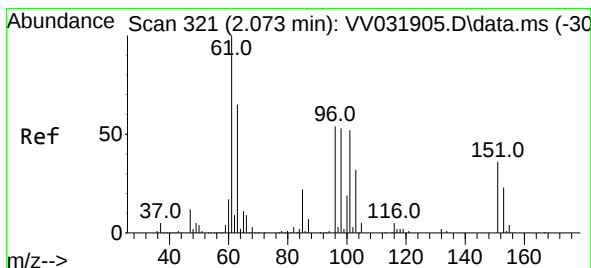
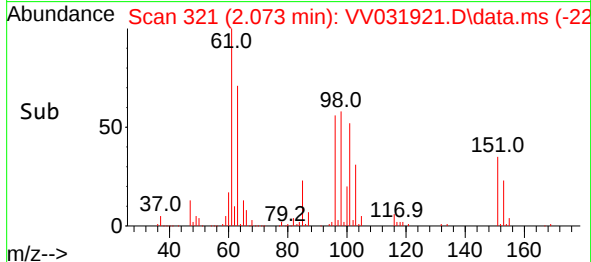
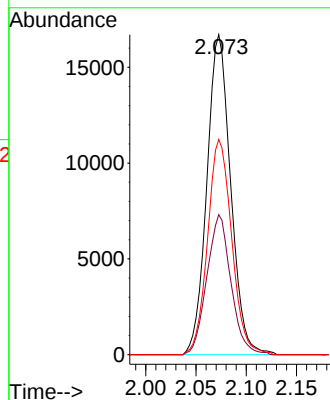
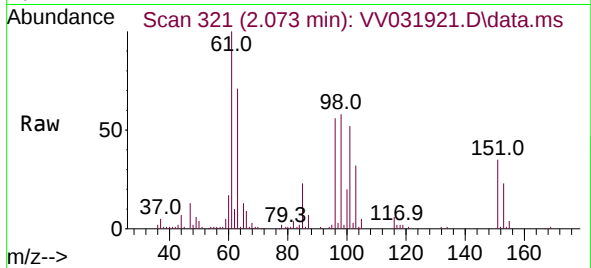




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.022 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

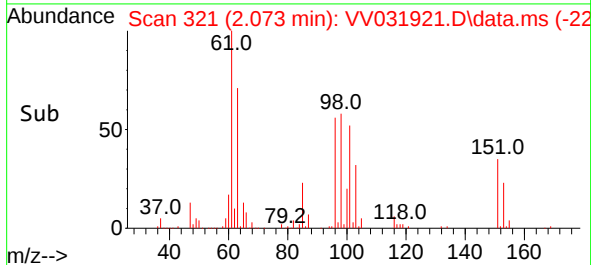
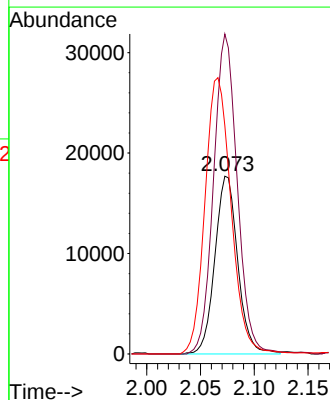
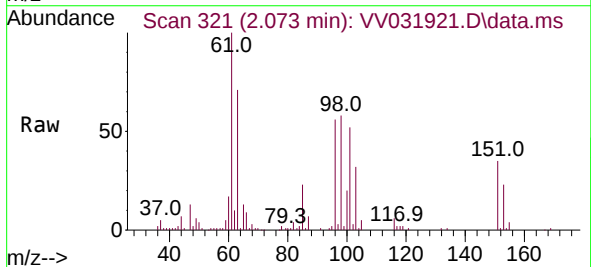
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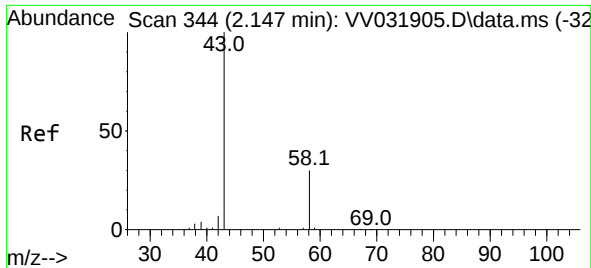
Tgt Ion:101 Resp: 27530
 Ion Ratio Lower Upper
 101 100
 85 44.1 38.3 57.5
 151 68.3 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 5.120 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

Tgt Ion: 96 Resp: 26188
 Ion Ratio Lower Upper
 96 100
 61 179.9 129.0 239.6
 63 128.4 99.0 183.8





#13

Acetone

Concen: 48.862 ug/L

RT: 2.150 min Scan# 344

Delta R.T. 0.003 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

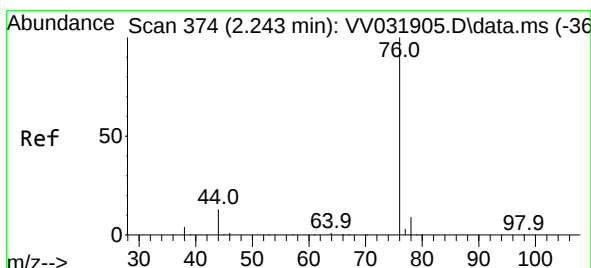
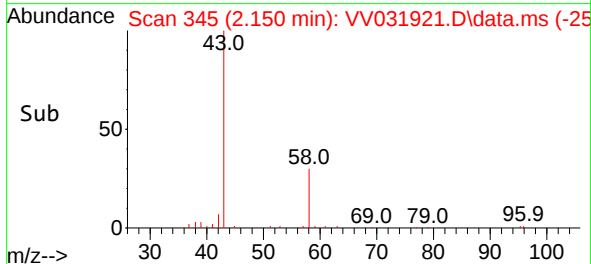
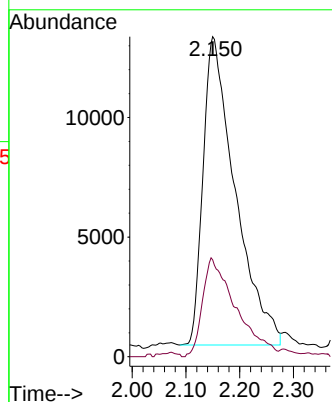
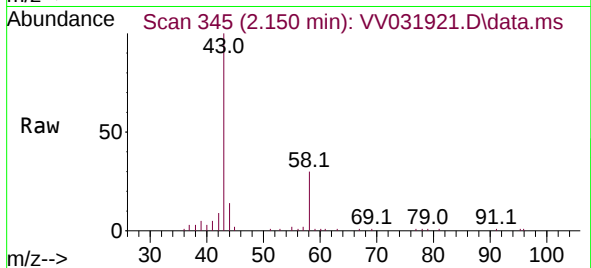
ClientSampleId :

Tgt Ion: 43 Resp: 53481

Ion Ratio Lower Upper

43 100

58 33.4 0.0 37.0



#14

Carbon disulfide

Concen: 5.093 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV031921.D

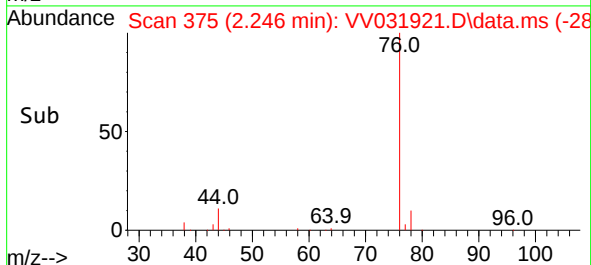
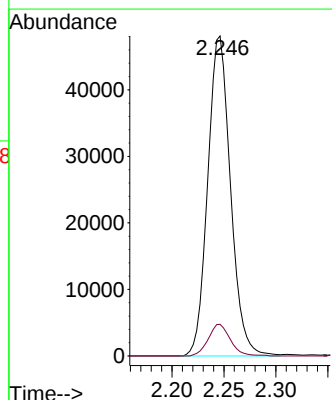
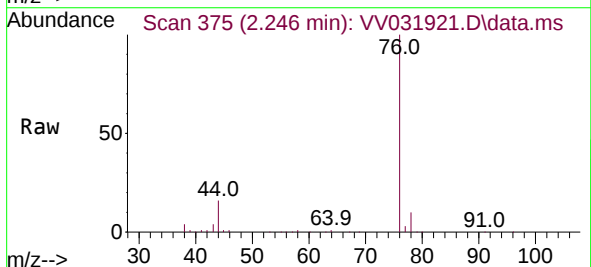
Acq: 24 Aug 2023 19:59

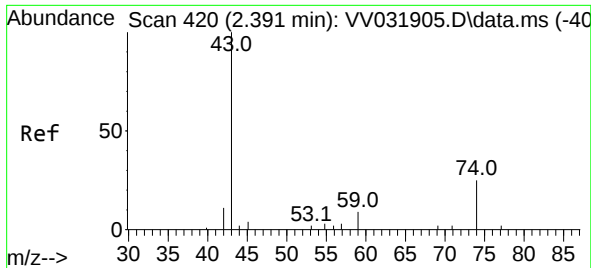
Tgt Ion: 76 Resp: 73273

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5

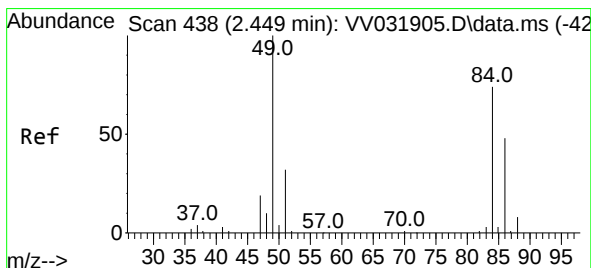
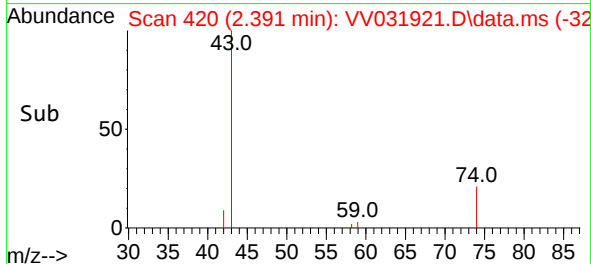
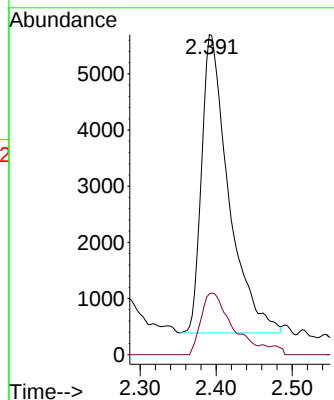
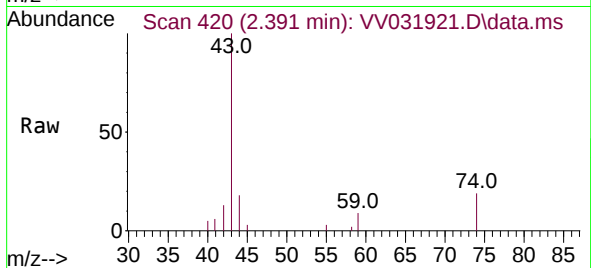




#15
Methyl Acetate
Concen: 5.883 ug/L
RT: 2.391 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

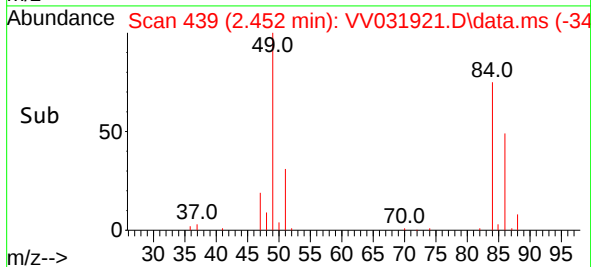
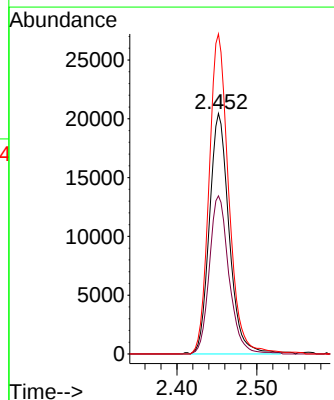
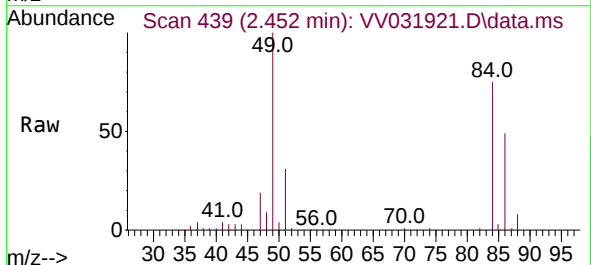
Instrument :
MSVOA_V
ClientSampleId :

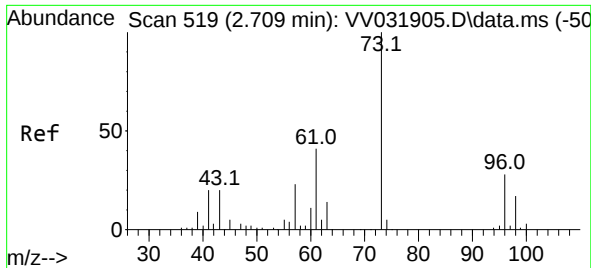
Tgt Ion: 43 Resp: 13122
Ion Ratio Lower Upper
43 100
74 23.3 18.3 27.5



#16
Methylene chloride
Concen: 4.219 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion: 84 Resp: 35090
Ion Ratio Lower Upper
84 100
86 65.7 42.6 79.2
49 133.1 88.5 164.4

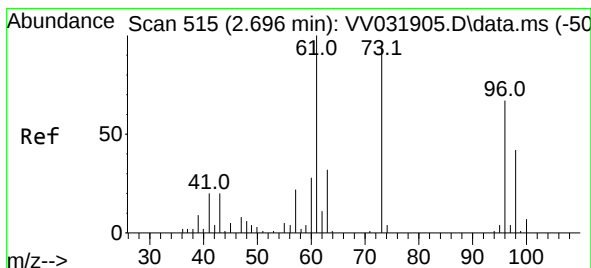
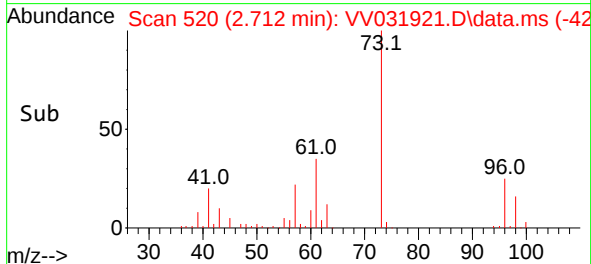
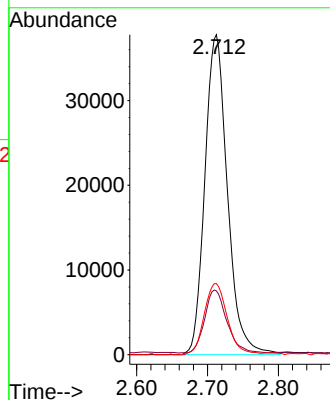
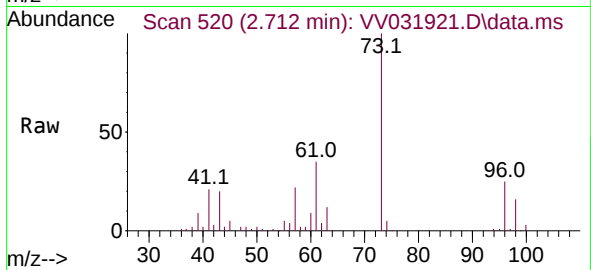




#17
Methyl tert-butyl Ether
Concen: 5.268 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

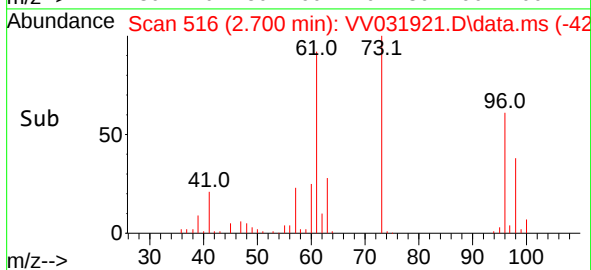
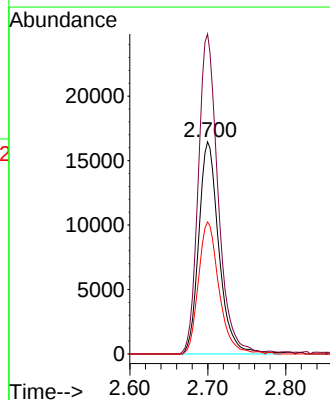
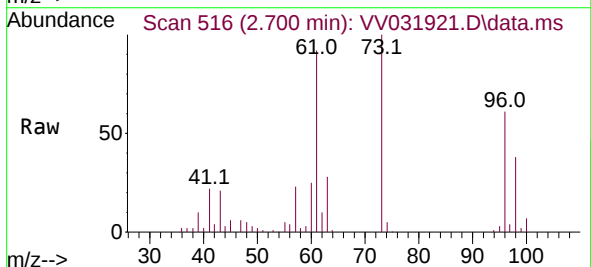
Instrument :
MSVOA_V
ClientSampleId :

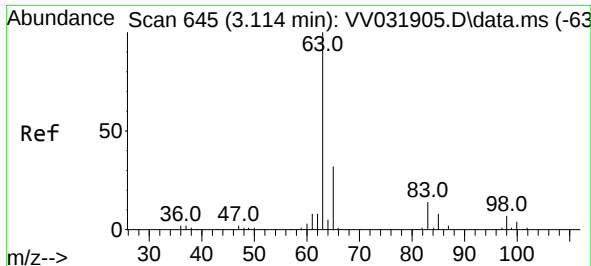
Tgt Ion: 73	Resp: 83593
Ion Ratio	Lower Upper
73 100	
43 19.2	15.6 23.4
57 22.7	17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.098 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion: 96	Resp: 29559
Ion Ratio	Lower Upper
96 100	
61 150.9	106.8 198.4
98 62.2	44.9 83.3





#19

1,1-Dichloroethane

Concen: 5.153 ug/L

RT: 3.118 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV031921.D

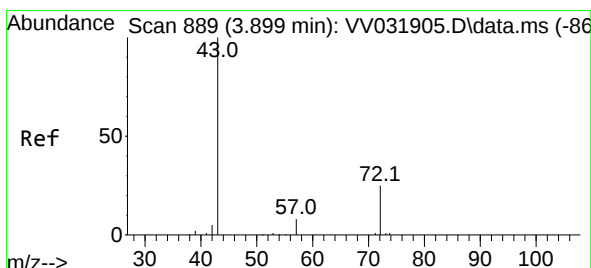
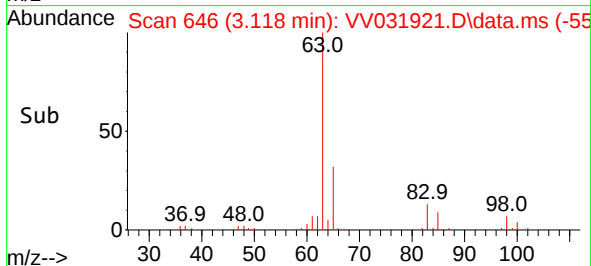
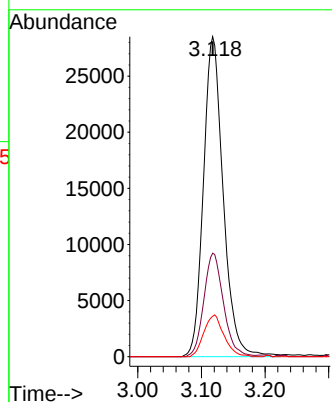
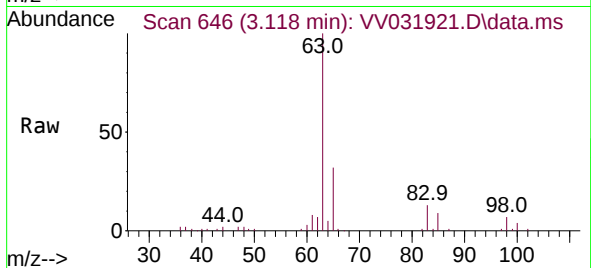
Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	61530
Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.9	40.7
83	12.7	9.2	17.2



#21

2-Butanone

Concen: 57.823 ug/L

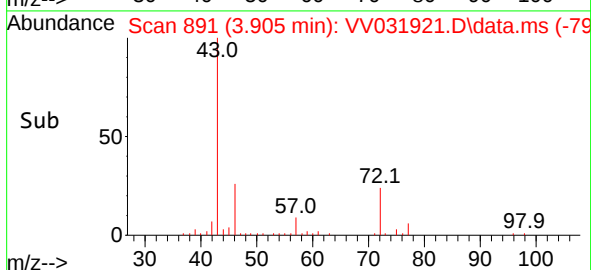
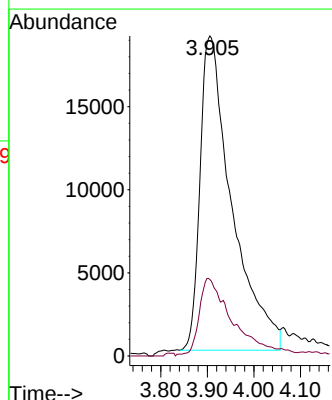
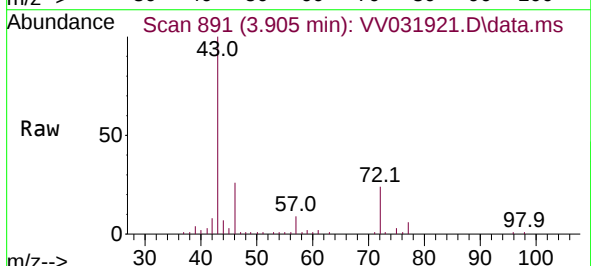
RT: 3.905 min Scan# 891

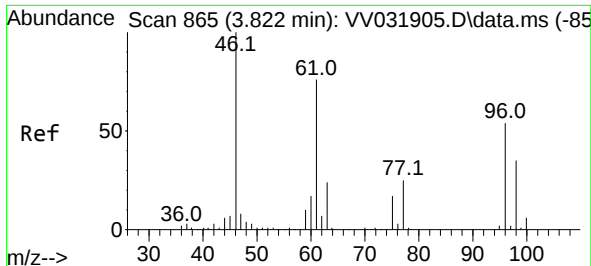
Delta R.T. 0.006 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

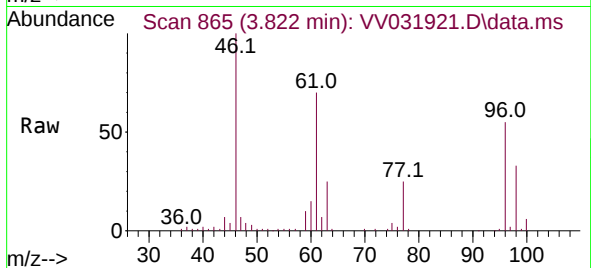
Tgt Ion:	43	Resp:	89644
Ion	Ratio	Lower	Upper
43	100		
72	25.8	9.0	27.0



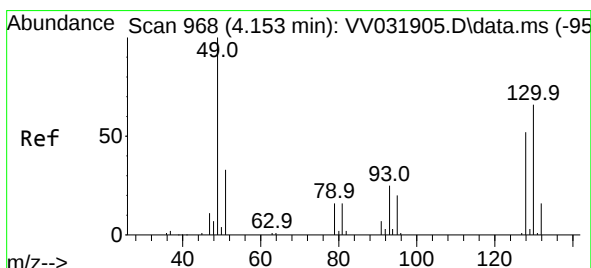
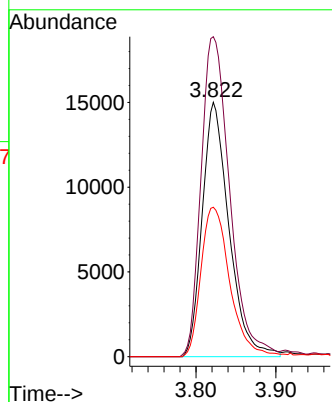
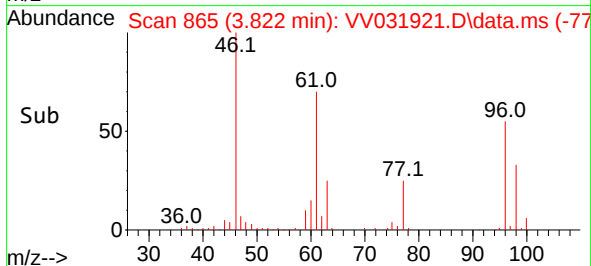


#22
 cis-1,2-Dichloroethene
 Concen: 5.241 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

Instrument :
 MSVOA_V
 ClientSampleId :

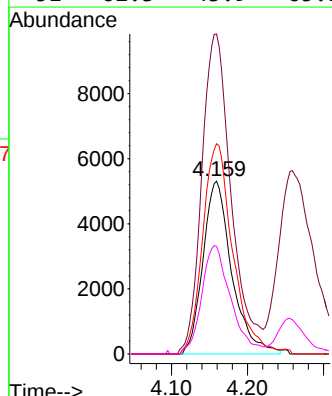
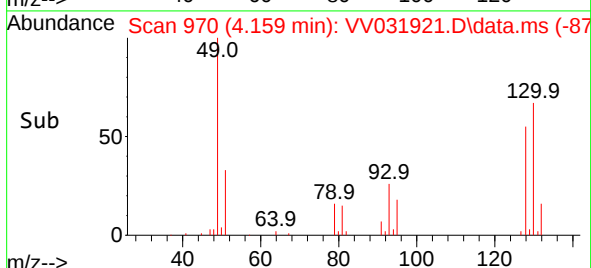
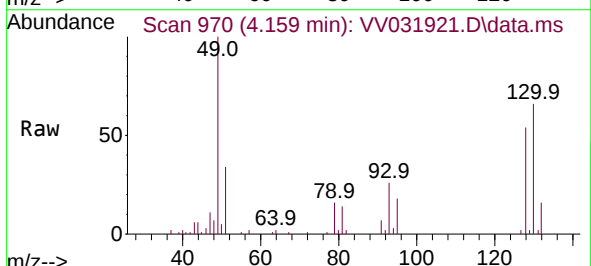


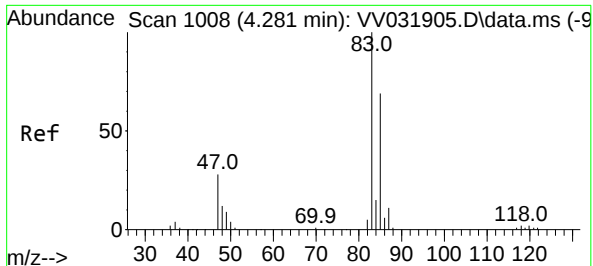
Tgt Ion: 96 Resp: 34999
 Ion Ratio Lower Upper
 96 100
 61 125.8 94.1 174.8
 98 58.8 43.8 81.4



#23
 Bromochloromethane
 Concen: 5.272 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.006 min
 Lab File: VV031921.D
 Acq: 24 Aug 2023 19:59

Tgt Ion: 128 Resp: 13970
 Ion Ratio Lower Upper
 128 100
 49 185.2 123.7 229.7
 130 121.7 84.3 156.5
 51 62.3 43.9 65.9





#25

Chloroform

Concen: 5.084 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

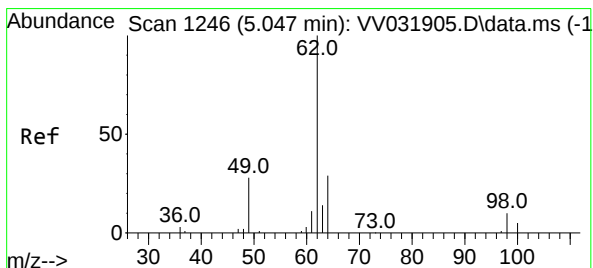
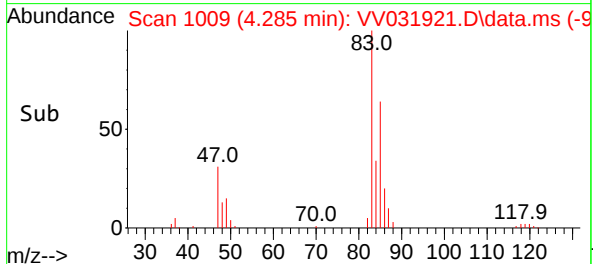
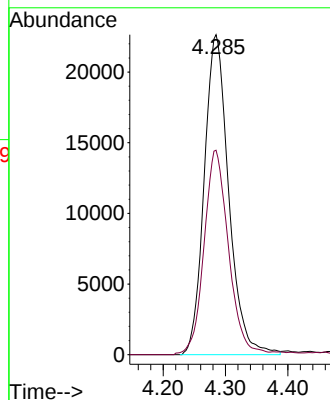
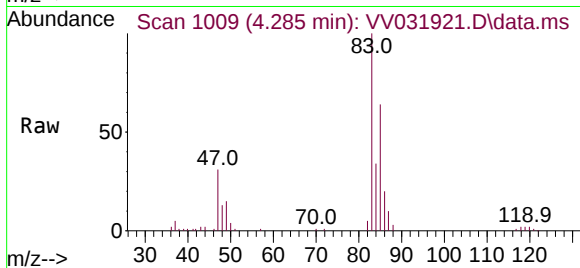
ClientSampleId :

Tgt Ion: 83 Resp: 61885

Ion Ratio Lower Upper

83 100

85 63.9 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.093 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031921.D

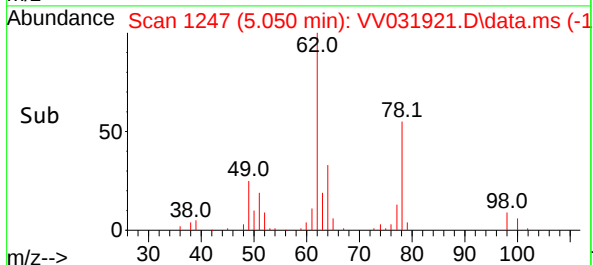
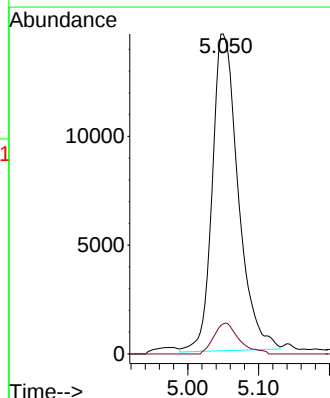
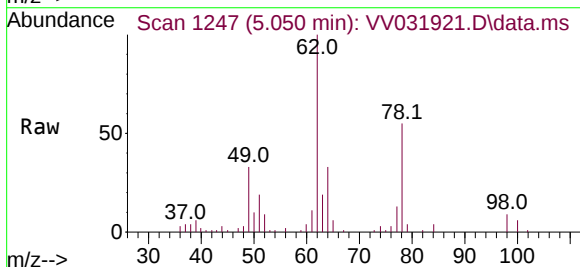
Acq: 24 Aug 2023 19:59

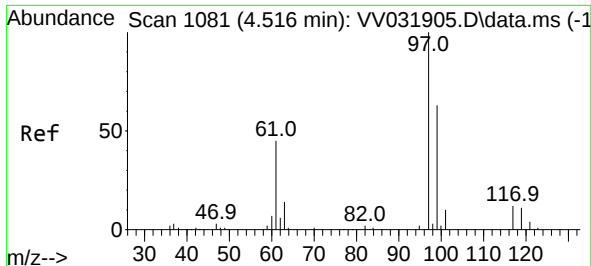
Tgt Ion: 62 Resp: 37067

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.844 ug/L

RT: 4.519 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

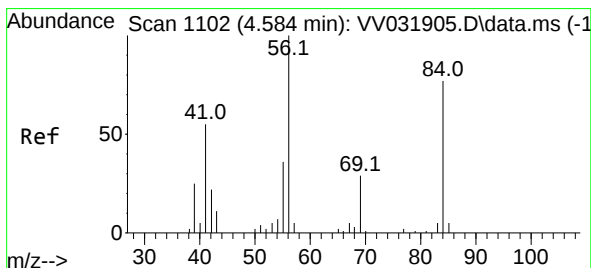
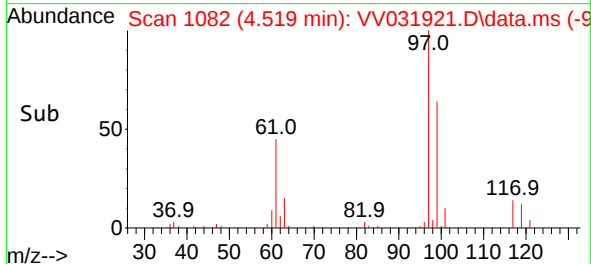
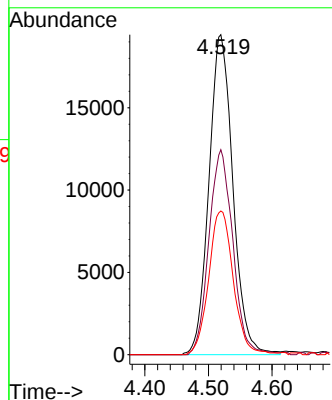
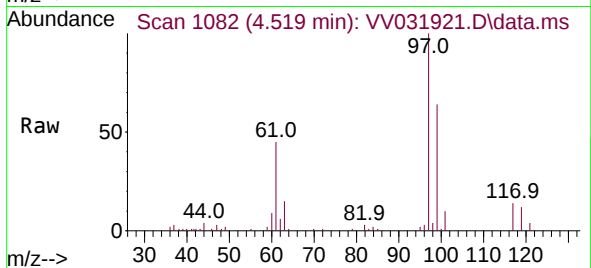
Tgt Ion: 97 Resp: 50869

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 46.2 35.5 53.3



#30

Cyclohexane

Concen: 4.936 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

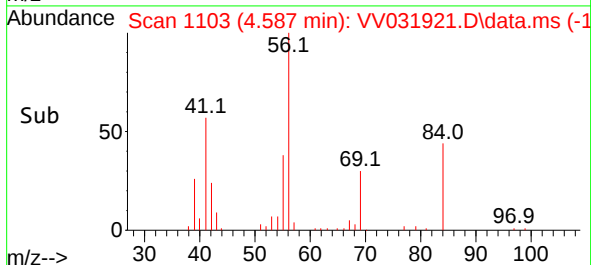
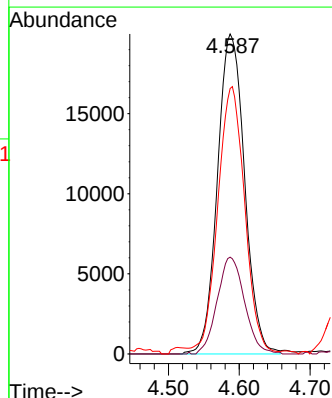
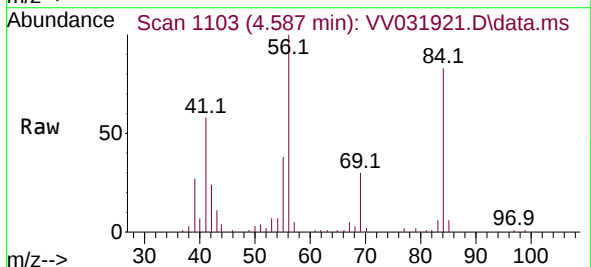
Tgt Ion: 56 Resp: 53272

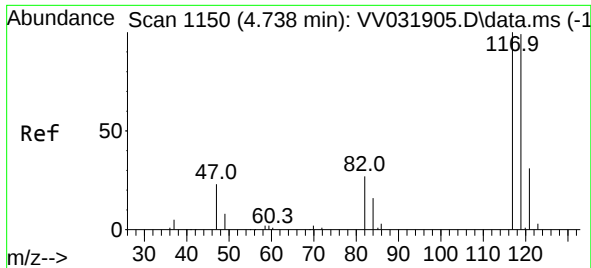
Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.0

84 81.7 66.8 100.2

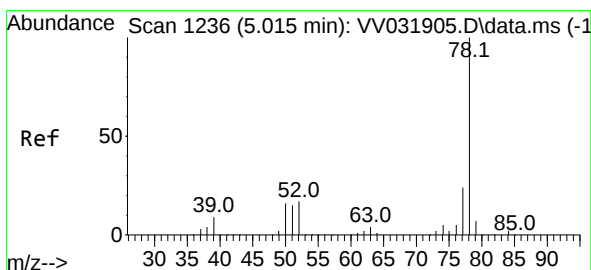
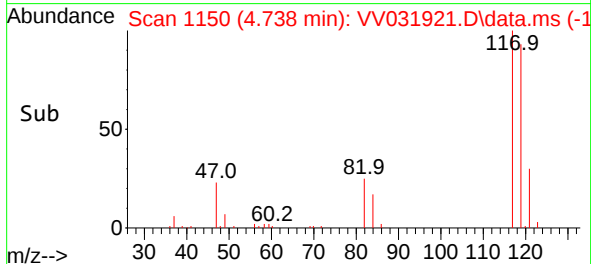
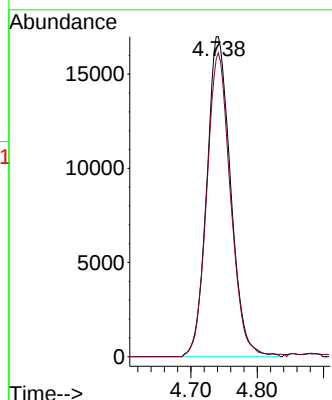
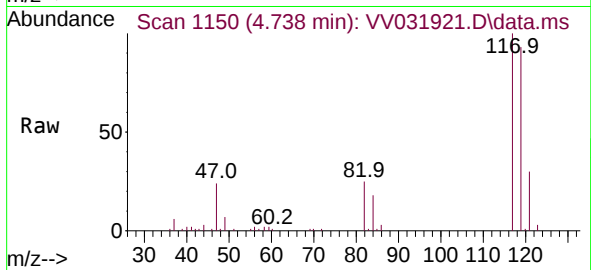




#31
Carbon tetrachloride
Concen: 4.999 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

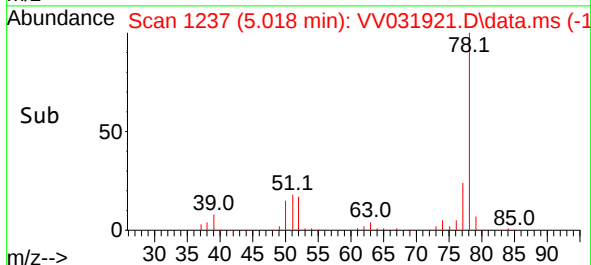
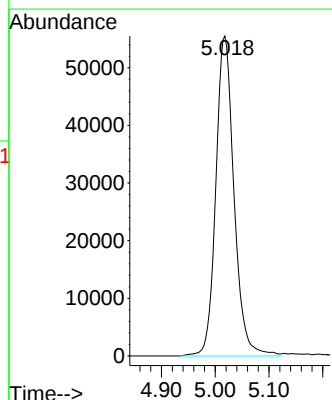
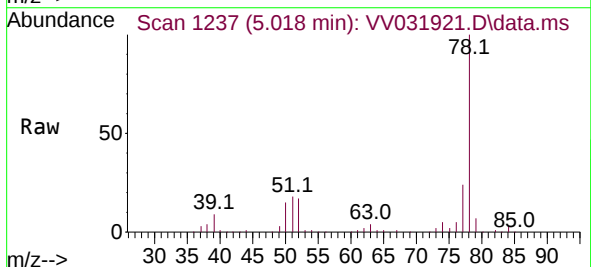
Instrument :
MSVOA_V
ClientSampleId :

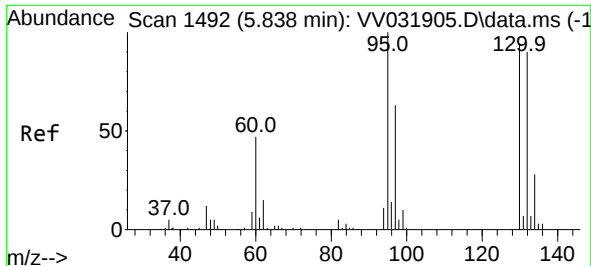
Tgt Ion:117 Resp: 42456
Ion Ratio Lower Upper
117 100
119 94.2 78.4 117.6



#33
Benzene
Concen: 5.210 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion: 78 Resp: 130476

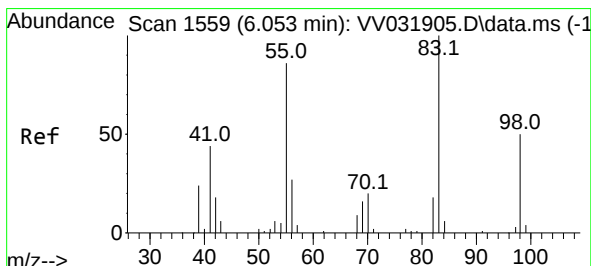
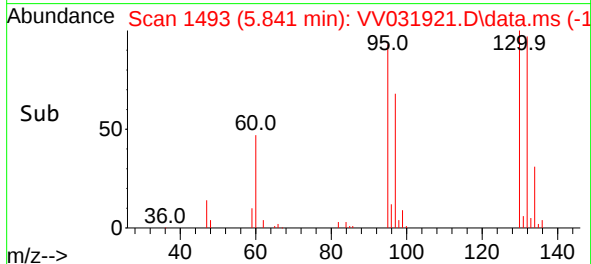
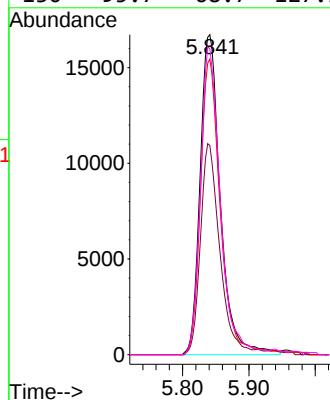
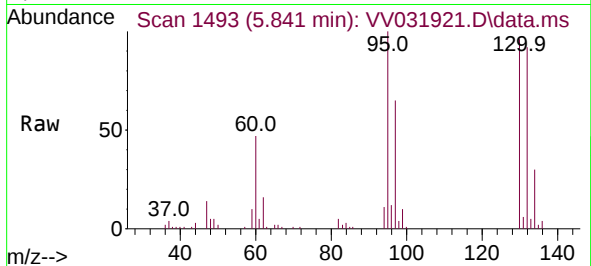




#34
Trichloroethene
Concen: 4.854 ug/L
RT: 5.841 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

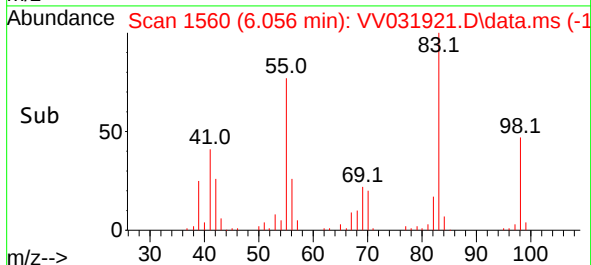
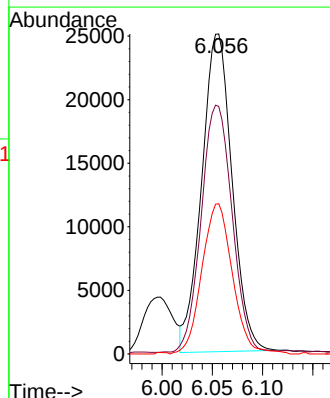
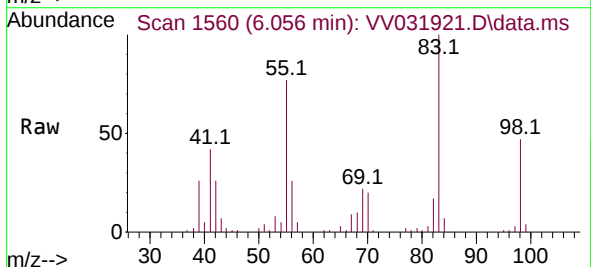
Instrument :
MSVOA_V
ClientSampleId :

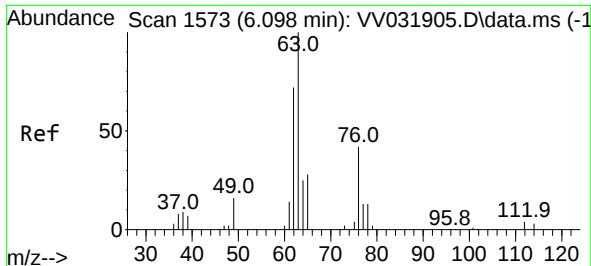
Tgt Ion: 95 Resp: 35533
Ion Ratio Lower Upper
95 100
97 65.4 47.7 88.7
132 92.4 63.8 118.4
130 95.7 68.7 127.5



#35
Methylcyclohexane
Concen: 4.937 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion: 83 Resp: 52601
Ion Ratio Lower Upper
83 100
55 79.2 62.6 94.0
98 47.5 37.8 56.8

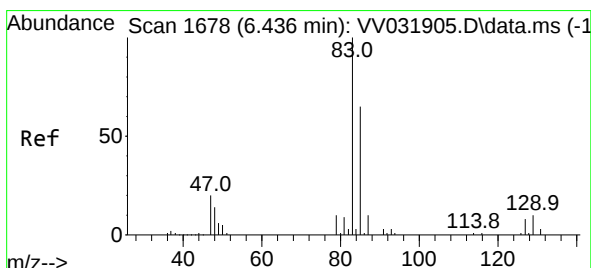
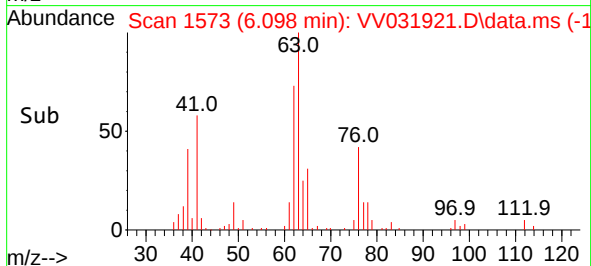
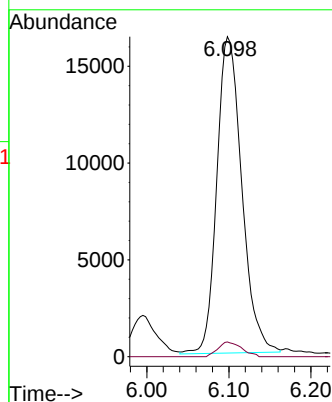
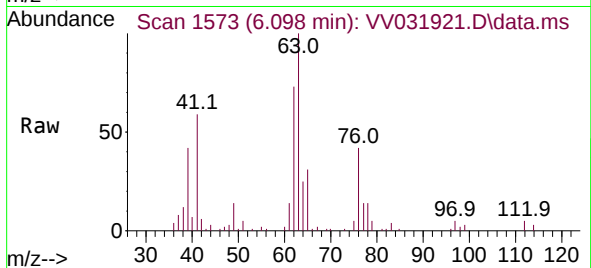




#37
1,2-Dichloropropane
Concen: 5.011 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

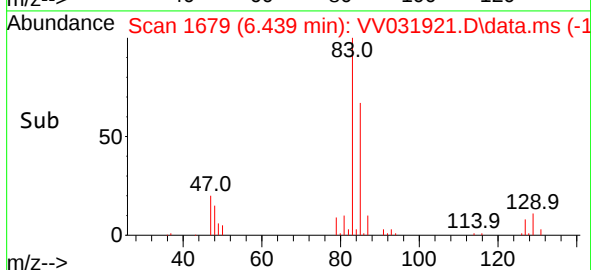
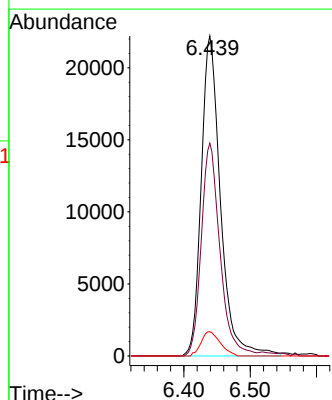
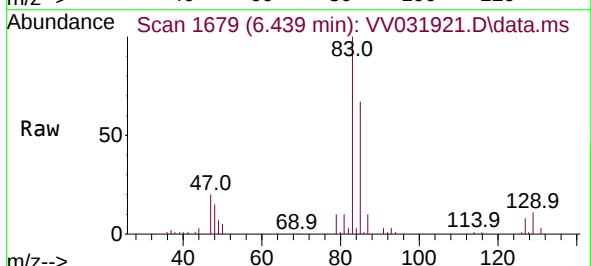
Instrument :
MSVOA_V
ClientSampleId :

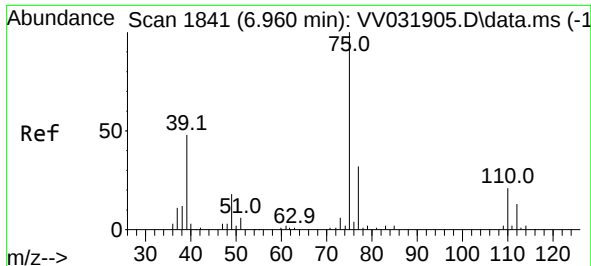
Tgt Ion: 63 Resp: 34577
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.2



#38
Bromodichloromethane
Concen: 5.020 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.003 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion: 83 Resp: 44828
Ion Ratio Lower Upper
83 100
85 66.5 44.4 82.4
127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.106 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

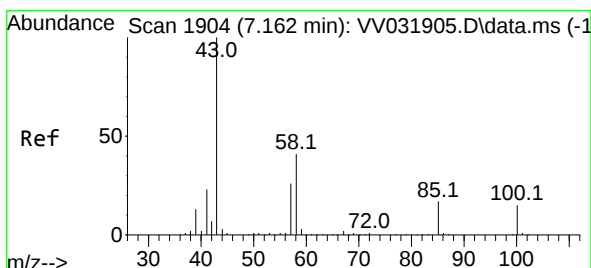
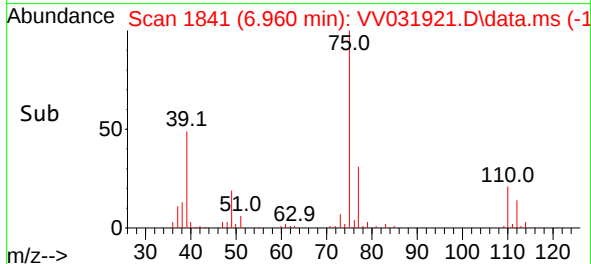
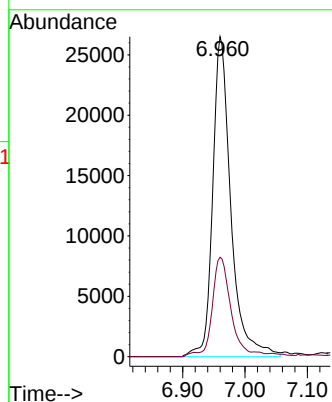
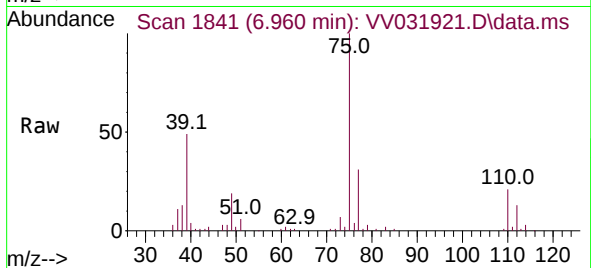
ClientSampleId :

Tgt Ion: 75 Resp: 53600

Ion Ratio Lower Upper

75 100

77 31.1 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 54.867 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

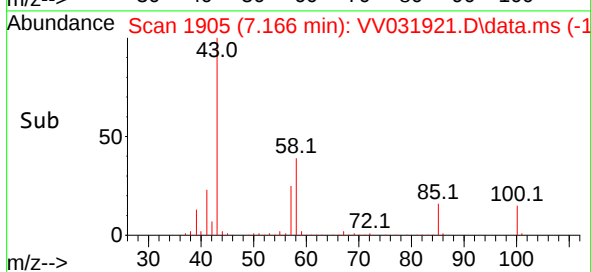
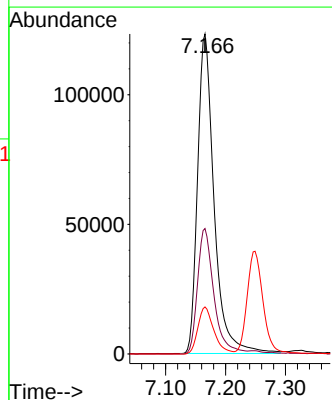
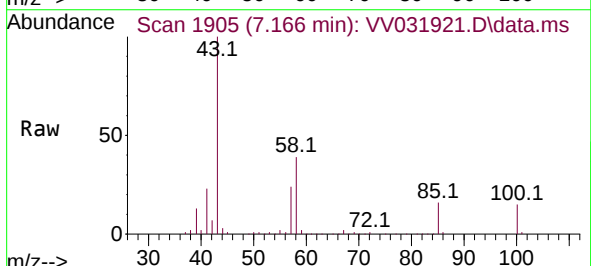
Tgt Ion: 43 Resp: 237278

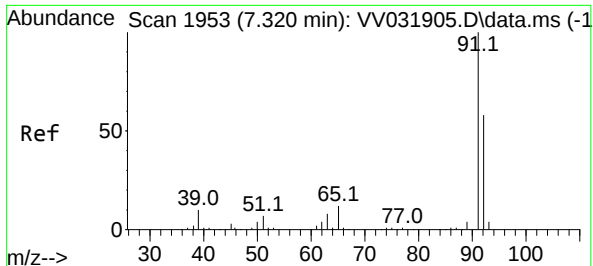
Ion Ratio Lower Upper

43 100

58 38.7 29.0 43.6

100 14.2 10.7 16.1





#42

Toluene

Concen: 4.982 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

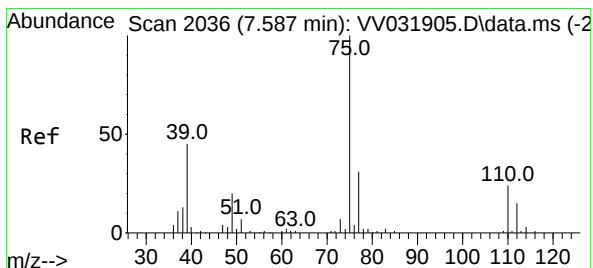
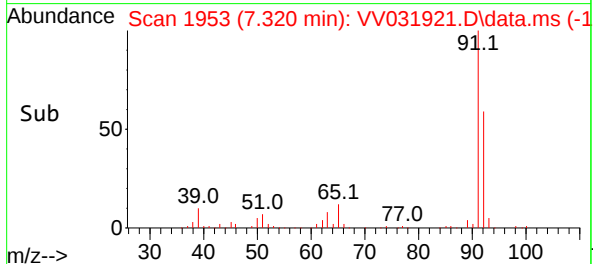
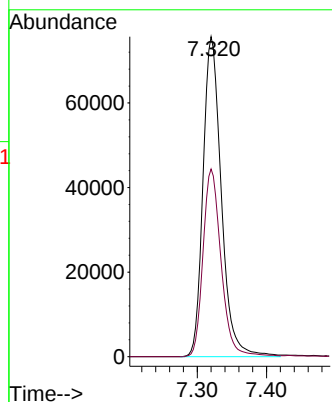
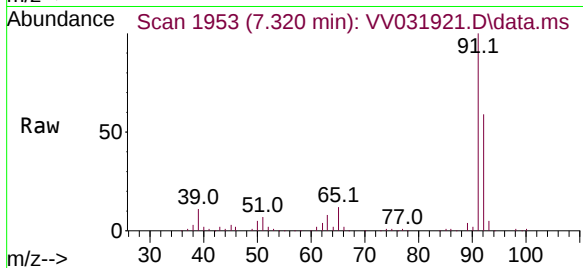
ClientSampleId :

Tgt Ion: 91 Resp: 138616

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.917 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031921.D

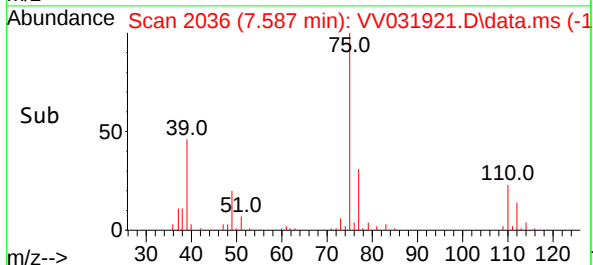
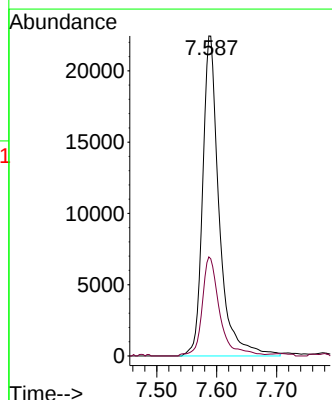
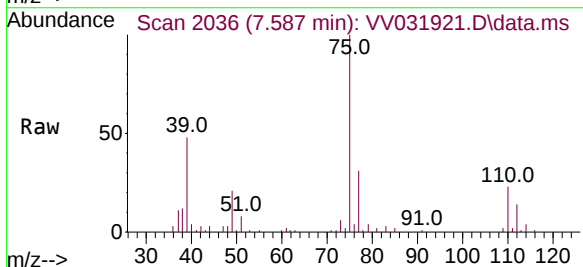
Acq: 24 Aug 2023 19:59

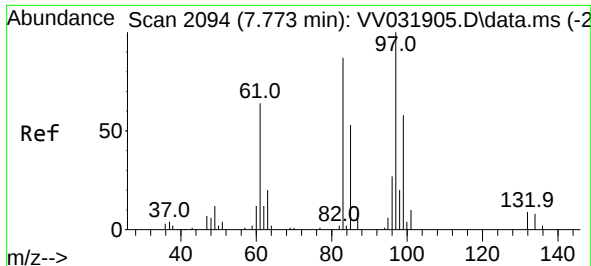
Tgt Ion: 75 Resp: 43089

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6

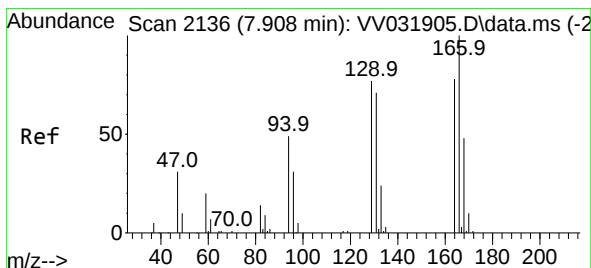
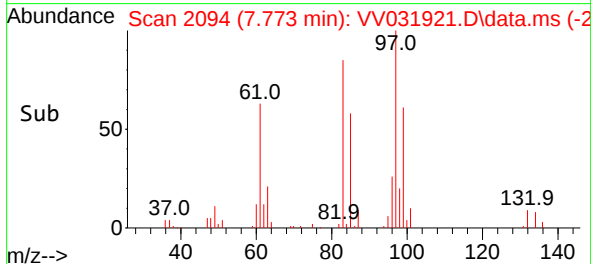
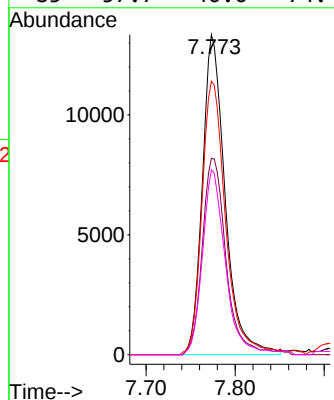
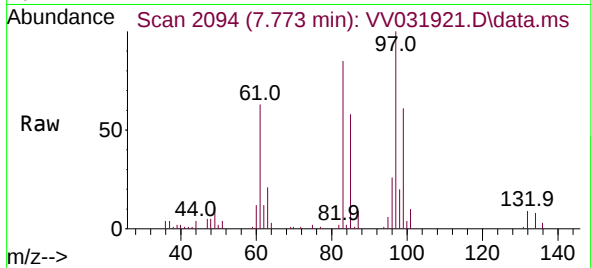




#45
1,1,2-Trichloroethane
Concen: 4.801 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

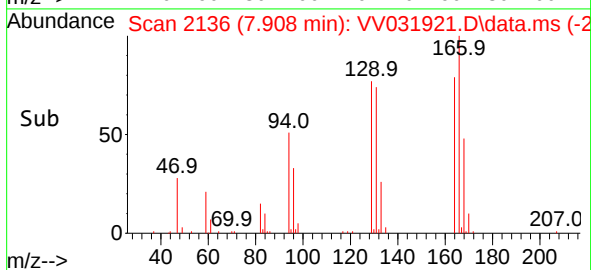
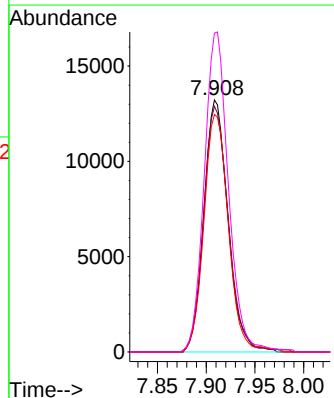
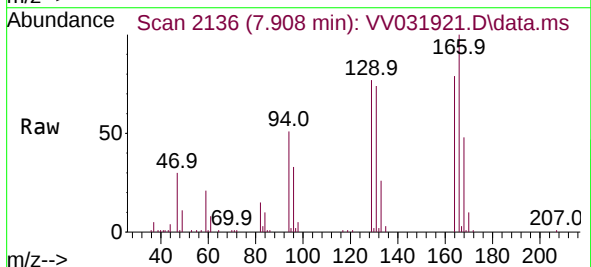
Instrument :
MSVOA_V
ClientSampleId :

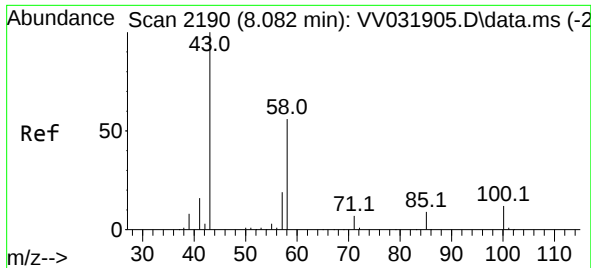
Tgt Ion:	97	Resp:	23710
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.3	82.3
83	85.4	62.7	116.5
85	57.7	40.0	74.4



#47
Tetrachloroethene
Concen: 4.876 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion:	164	Resp:	22801
Ion	Ratio	Lower	Upper
164	100		
129	97.4	70.6	131.2
131	94.2	64.6	120.0
166	126.5	88.3	164.1



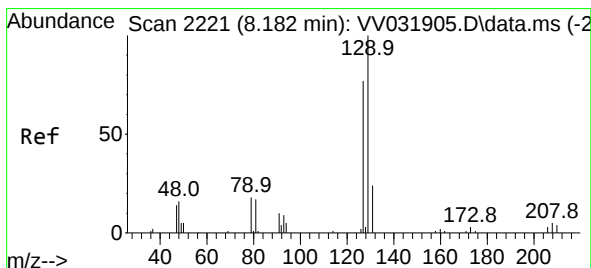
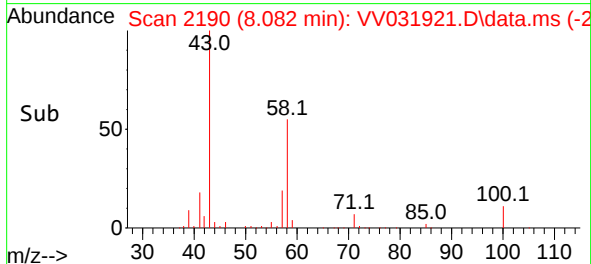
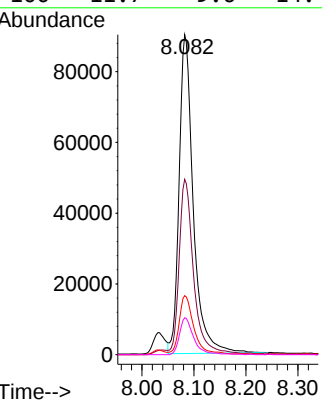
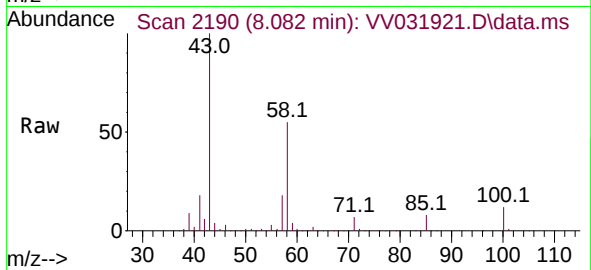


#48
2-Hexanone
Concen: 52.862 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 170798

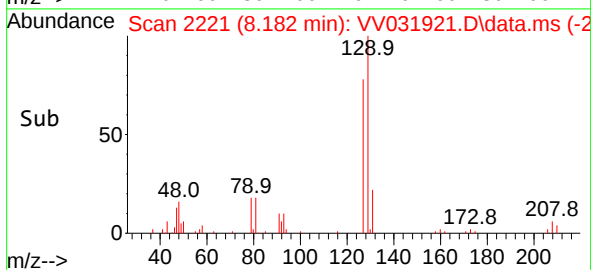
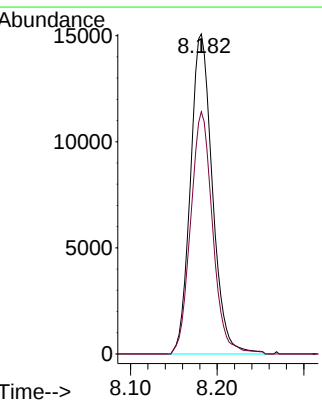
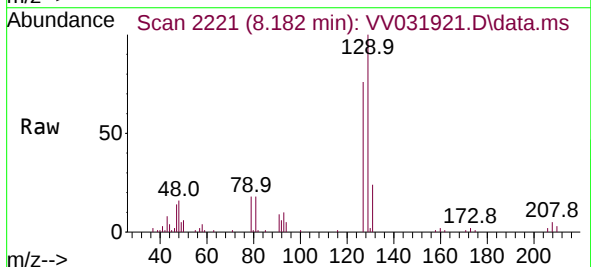
Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.3	66.5
57	18.9	14.3	21.5
100	11.7	9.6	14.4

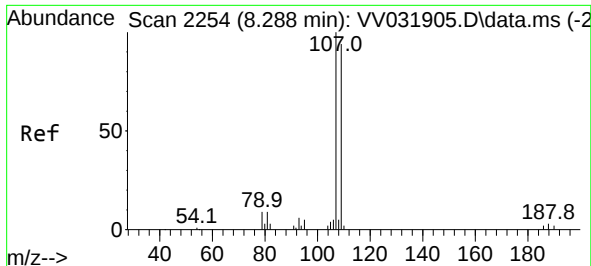


#49
Dibromochloromethane
Concen: 5.163 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion: 129 Resp: 26571

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.7	99.7





#50

1,2-Dibromoethane

Concen: 4.886 ug/L

RT: 8.288 min Scan# 21821

Delta R.T. 0.000 min

Lab File: VV031921.D

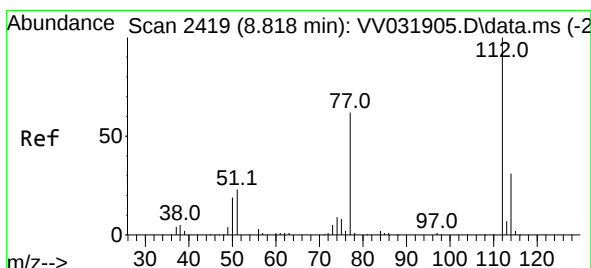
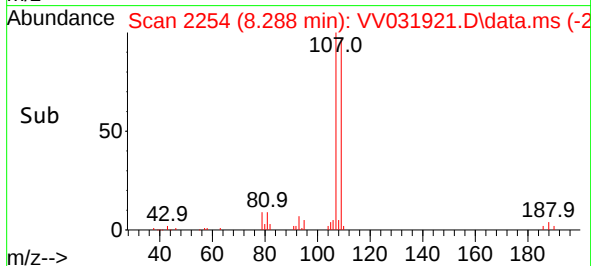
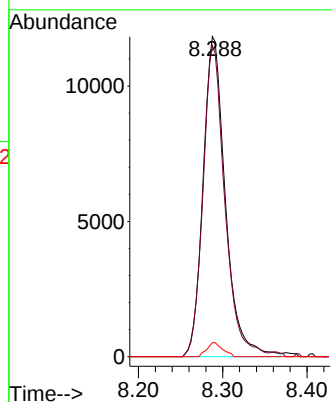
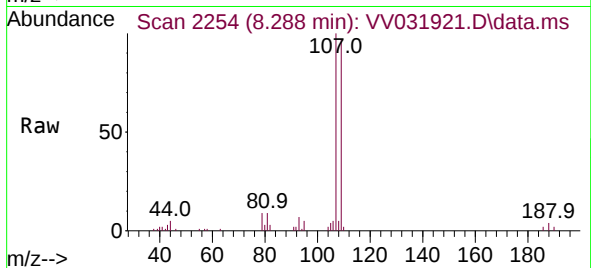
Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	21821
Ion Ratio	Lower	Upper
107	100	
109	97.2	66.3 123.1
188	4.4	2.6 3.8#



#51

Chlorobenzene

Concen: 5.029 ug/L

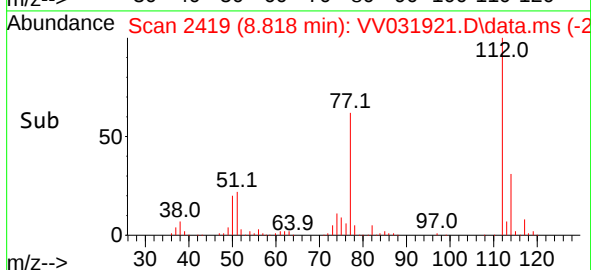
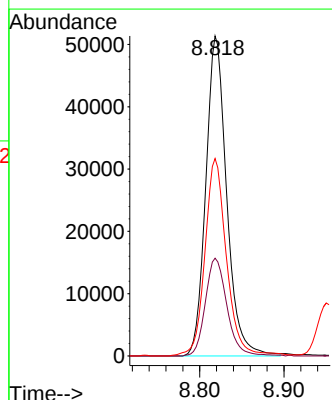
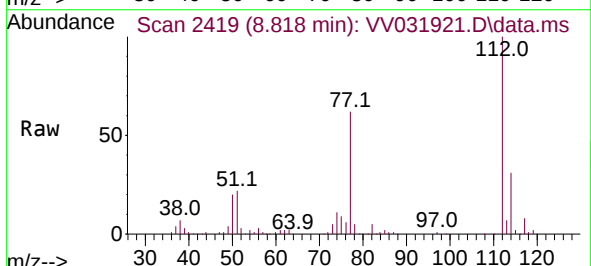
RT: 8.818 min Scan# 2419

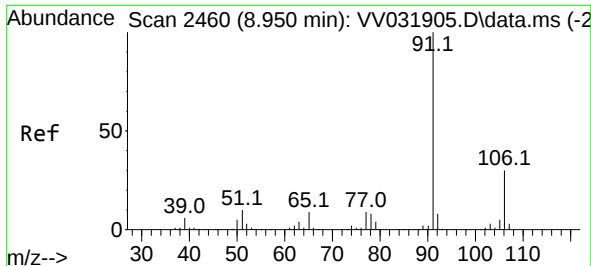
Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Tgt Ion:112	Resp:	88596
Ion Ratio	Lower	Upper
112	100	
114	30.5	22.3 41.3
77	61.7	50.6 75.8





#52

Ethylbenzene

Concen: 4.996 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

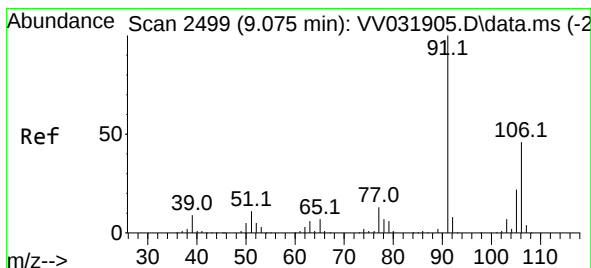
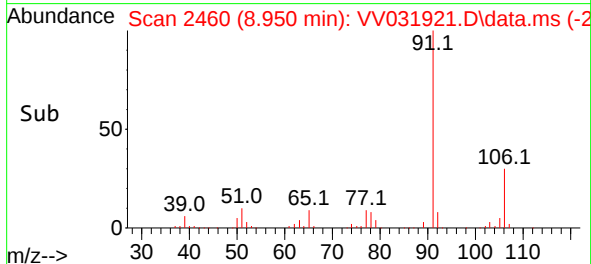
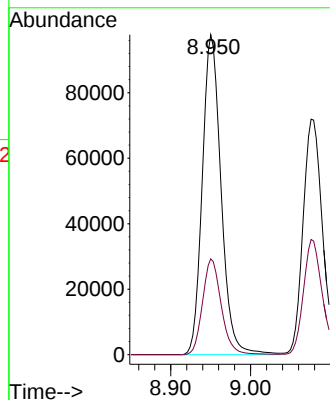
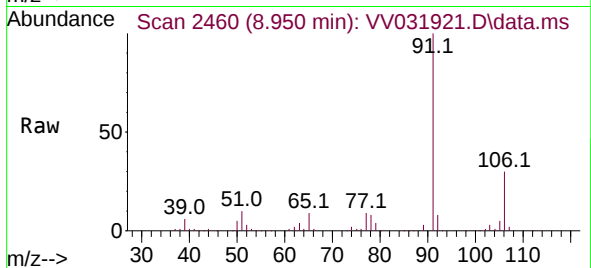
ClientSampleId :

Tgt Ion: 91 Resp: 159814

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.5



#53

m,p-Xylene

Concen: 4.898 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV031921.D

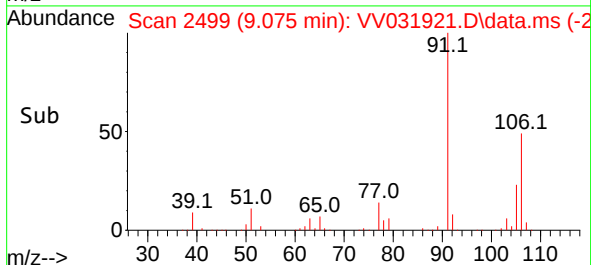
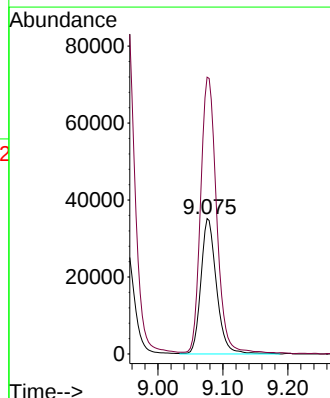
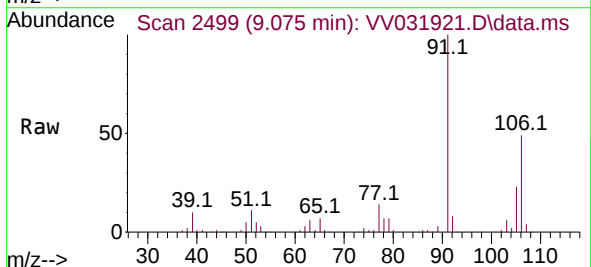
Acq: 24 Aug 2023 19:59

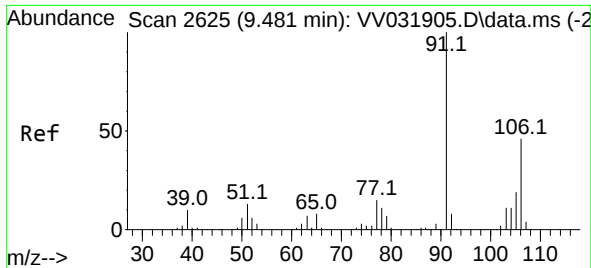
Tgt Ion:106 Resp: 59004

Ion Ratio Lower Upper

106 100

91 204.3 142.7 265.1

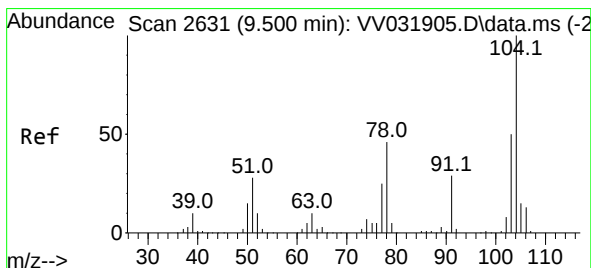
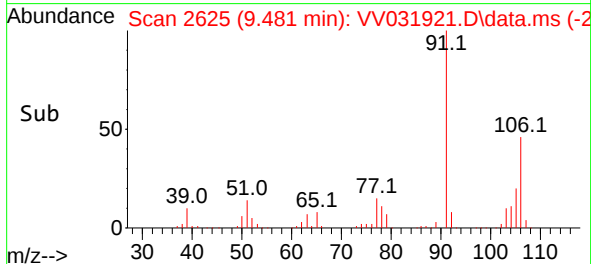
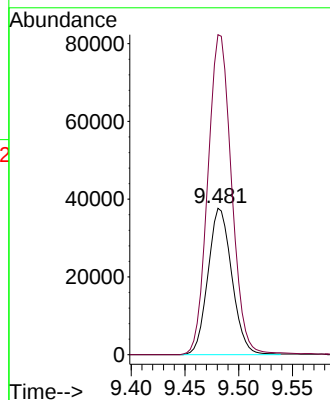
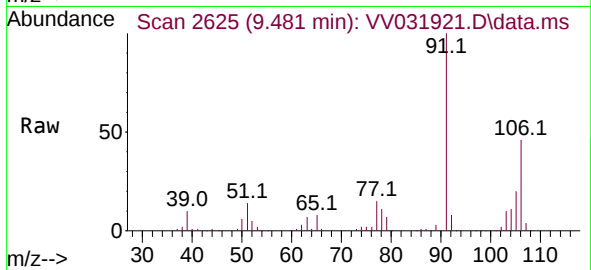




#54
o-Xylene
Concen: 4.990 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

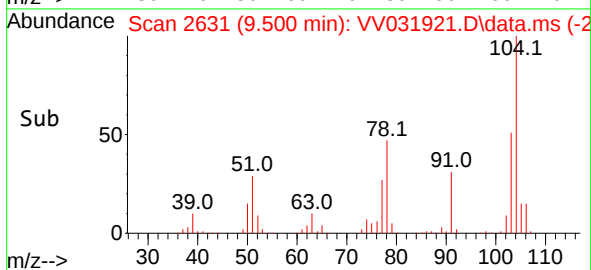
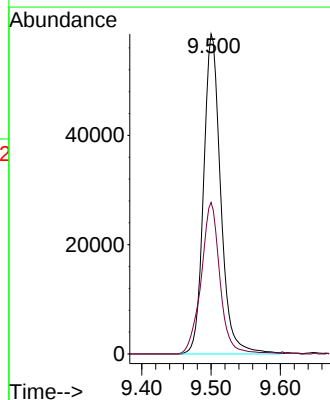
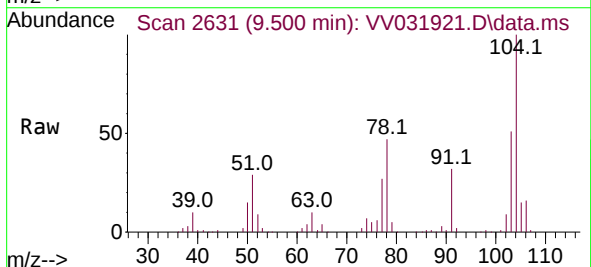
Instrument :
MSVOA_V
ClientSampleId :

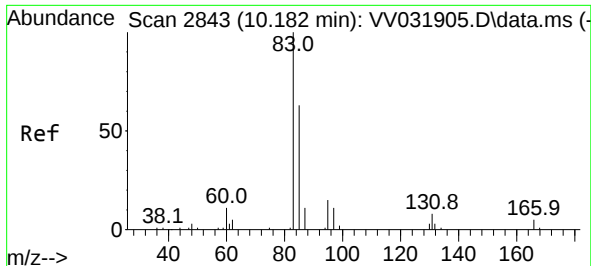
Tgt Ion:106 Resp: 58093
Ion Ratio Lower Upper
106 100
91 218.5 154.7 287.3



#55
Styrene
Concen: 4.994 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

Tgt Ion:104 Resp: 100309
Ion Ratio Lower Upper
104 100
78 47.4 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.579 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

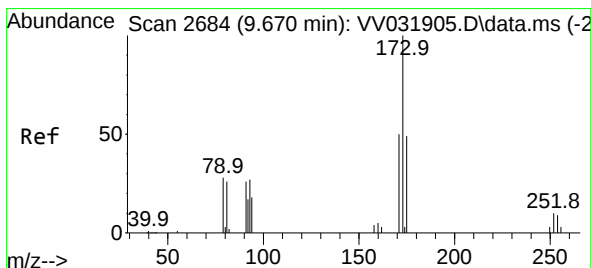
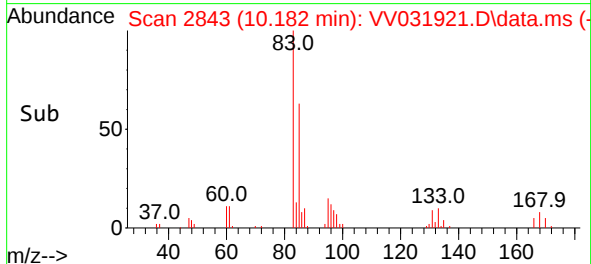
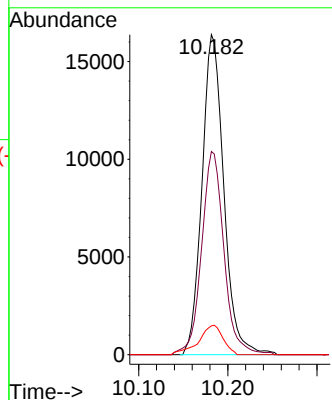
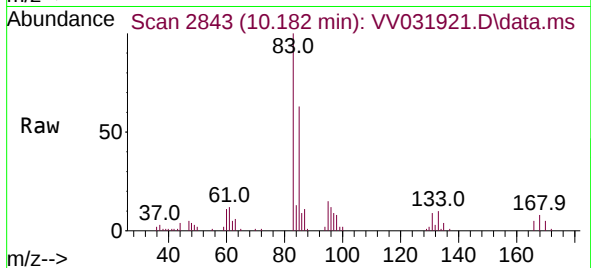
Tgt Ion: 83 Resp: 27900

Ion Ratio Lower Upper

83 100

85 63.5 46.6 86.6

131 9.0 7.4 11.2



#59

Bromoform

Concen: 5.134 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

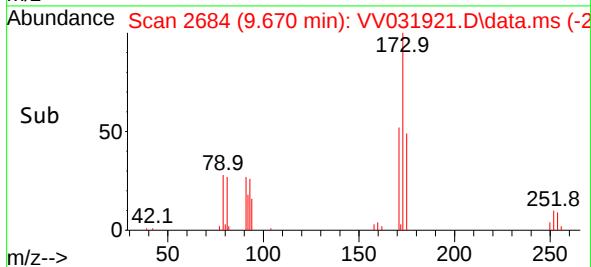
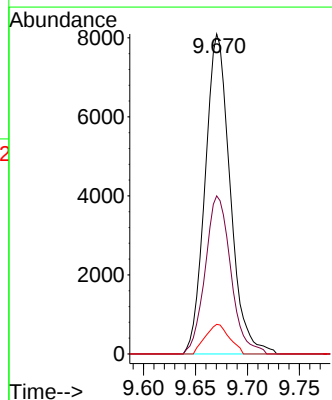
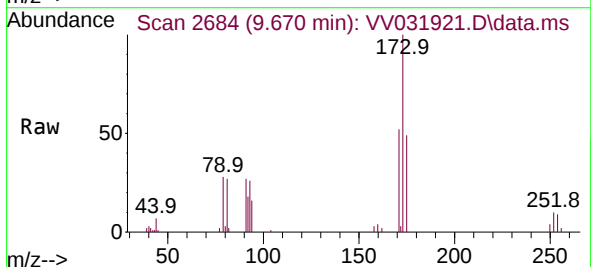
Tgt Ion: 173 Resp: 13546

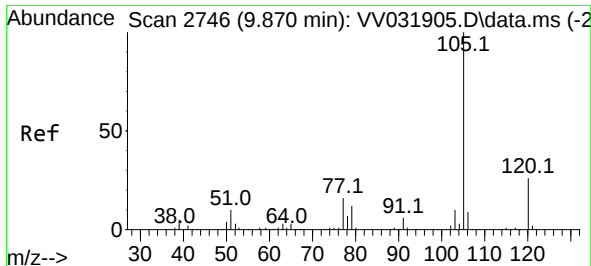
Ion Ratio Lower Upper

173 100

175 50.7 38.0 57.0

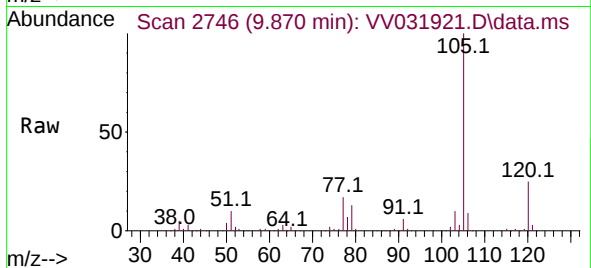
254 8.8 6.8 10.2



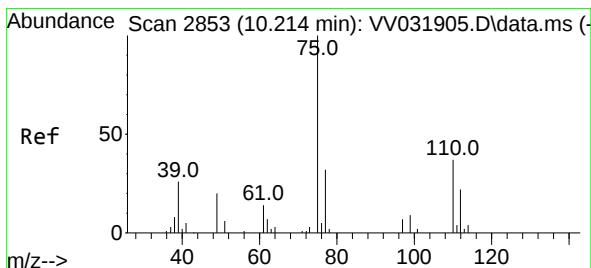
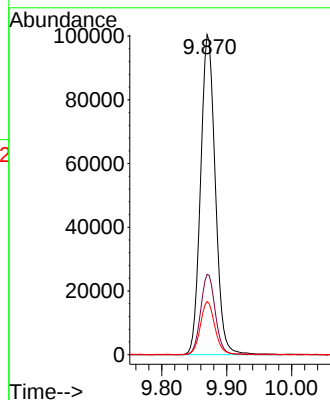
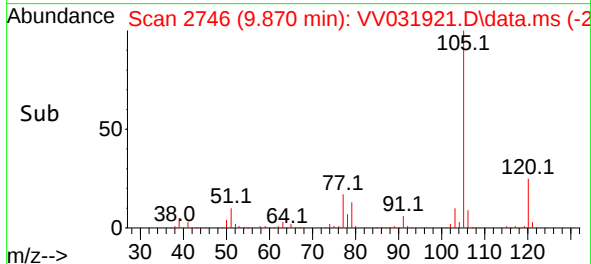


#60
Isopropylbenzene
Concen: 5.109 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

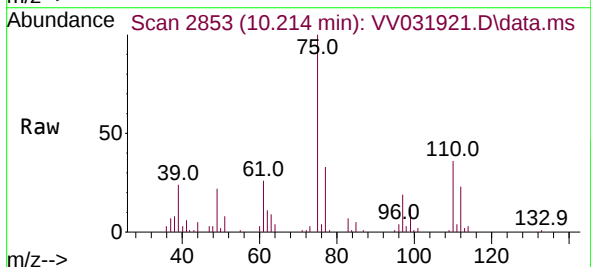
Instrument :
MSVOA_V
ClientSampleId :



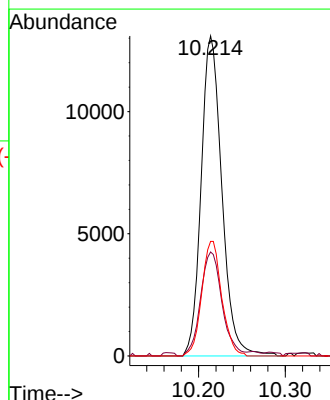
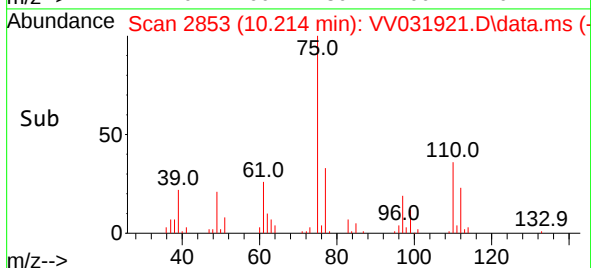
Tgt Ion:105 Resp: 158590
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1
77 16.6 13.7 20.5

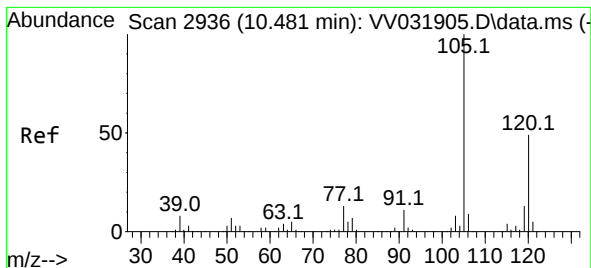


#61
1,2,3-Trichloropropane
Concen: 5.299 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59



Tgt Ion: 75 Resp: 21796
Ion Ratio Lower Upper
75 100
77 33.6 28.8 43.2
110 34.5 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 5.066 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

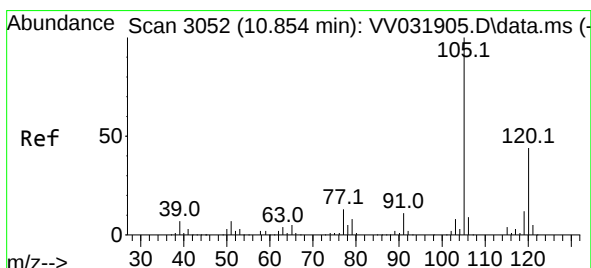
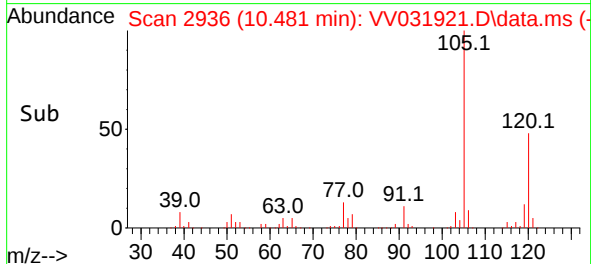
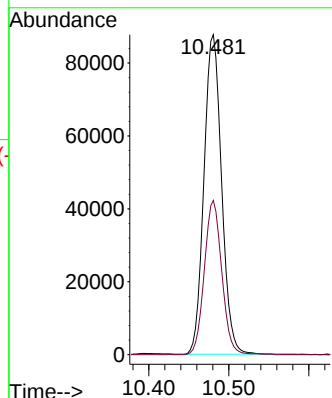
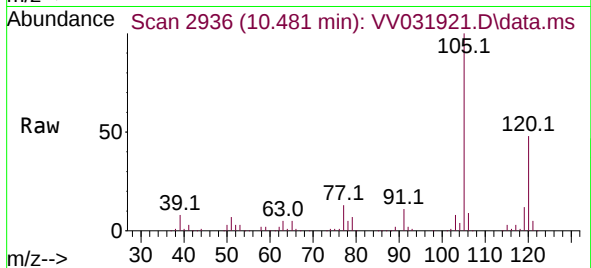
ClientSampleId :

Tgt Ion:105 Resp: 134790

Ion Ratio Lower Upper

105 100

120 47.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.018 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV031921.D

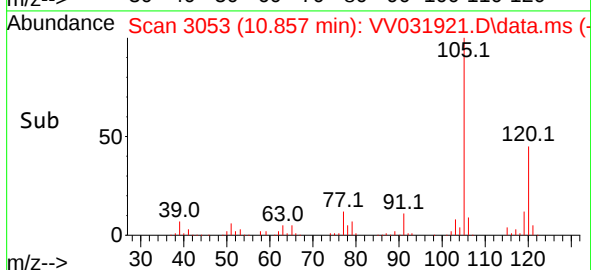
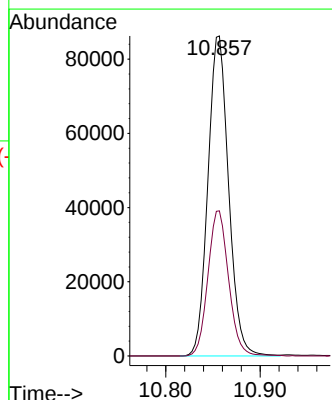
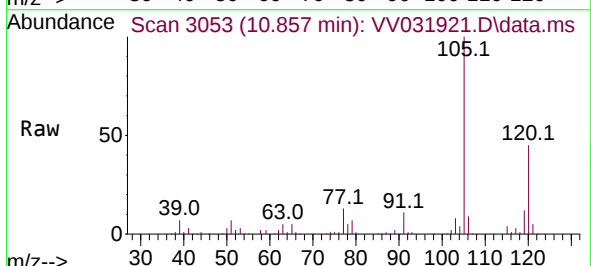
Acq: 24 Aug 2023 19:59

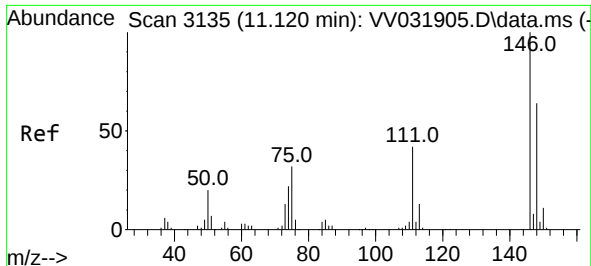
Tgt Ion:105 Resp: 131193

Ion Ratio Lower Upper

105 100

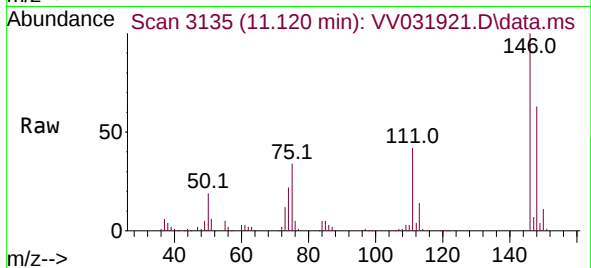
120 45.4 35.8 53.8



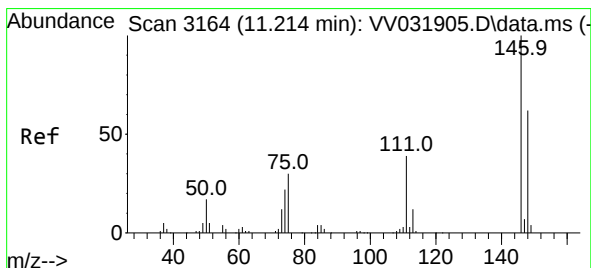
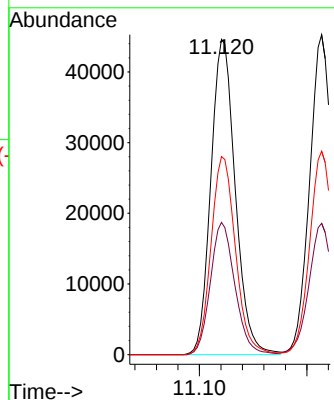
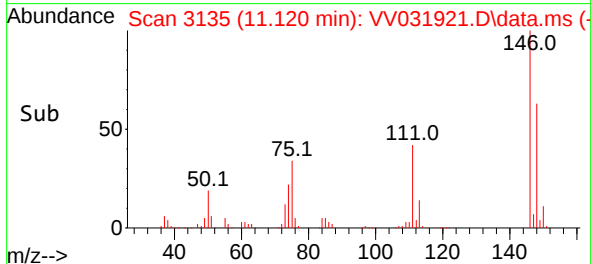


#64
1,3-Dichlorobenzene
Concen: 5.129 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59

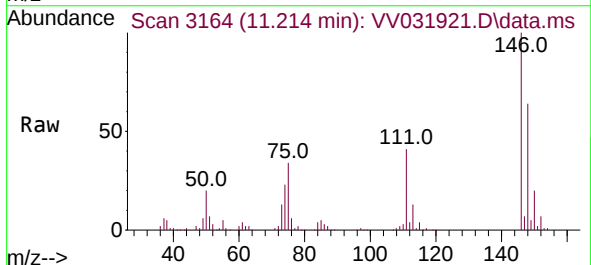
Instrument :
MSVOA_V
ClientSampleId :



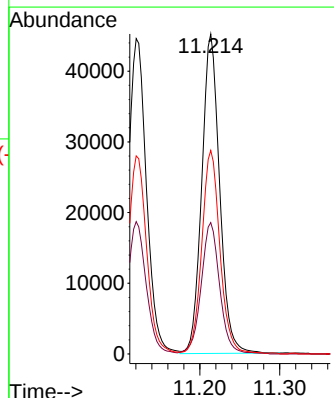
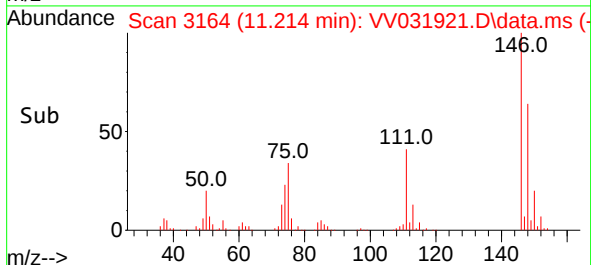
Tgt Ion:146 Resp: 70503
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.7
148 62.8 43.9 81.5

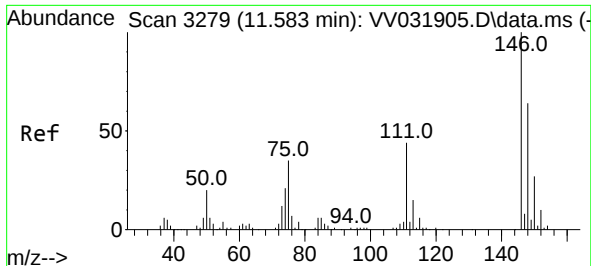


#65
1,4-Dichlorobenzene
Concen: 4.980 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031921.D
Acq: 24 Aug 2023 19:59



Tgt Ion:146 Resp: 70330
Ion Ratio Lower Upper
146 100
111 41.0 29.2 54.2
148 63.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.105 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

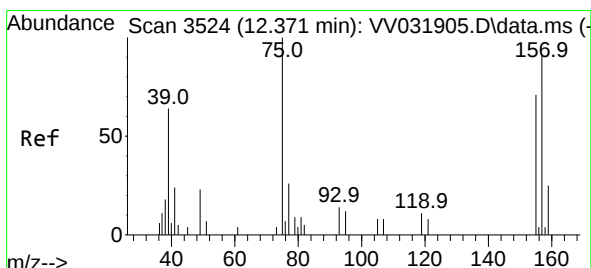
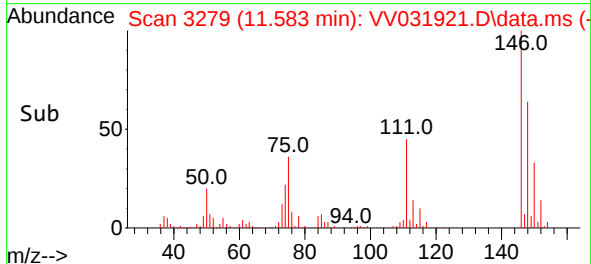
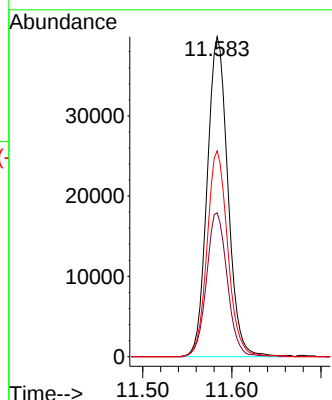
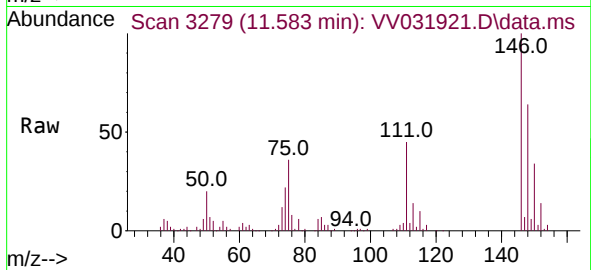
Tgt Ion:146 Resp: 64222

Ion Ratio Lower Upper

146 100

111 44.9 34.8 52.2

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.112 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

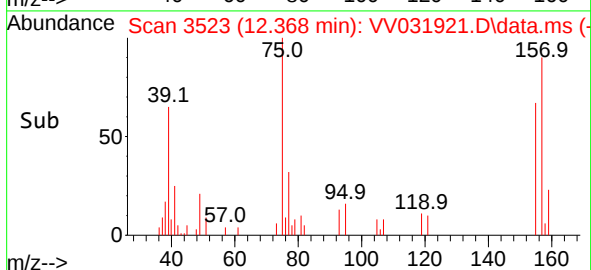
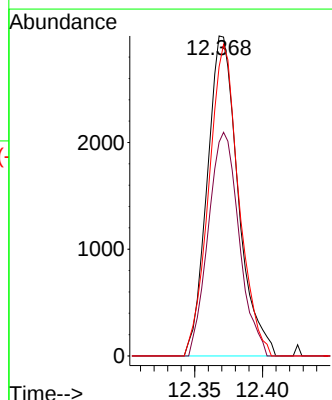
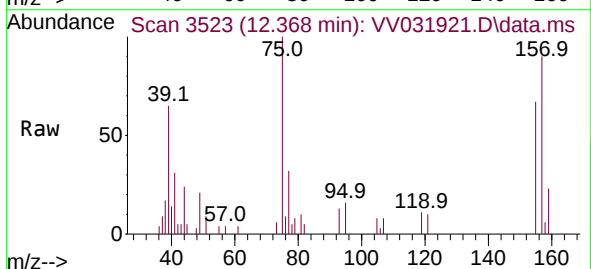
Tgt Ion: 75 Resp: 4762

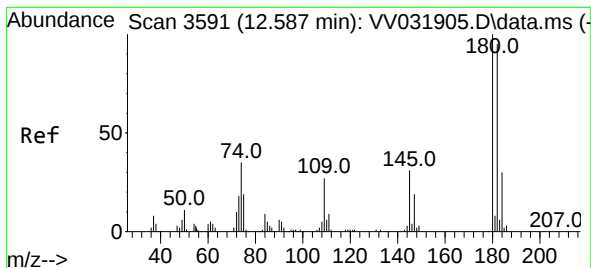
Ion Ratio Lower Upper

75 100

155 66.8 56.1 84.1

157 90.3 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 5.090 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

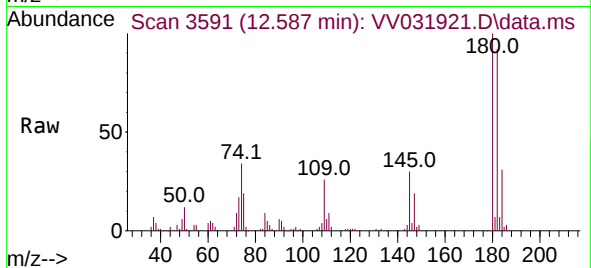
Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 52018

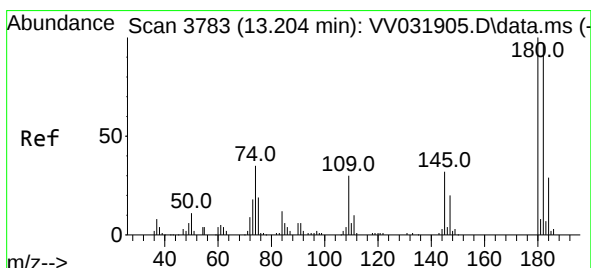
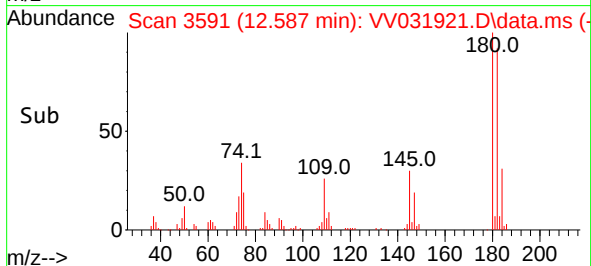
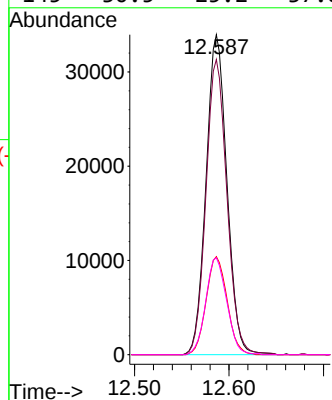
Ion Ratio Lower Upper

180 100

182 92.9 76.0 114.0

184 30.8 23.9 35.9

145 30.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.678 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

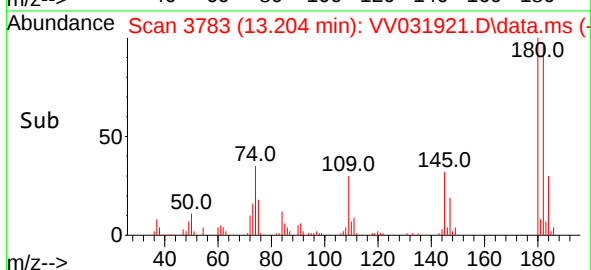
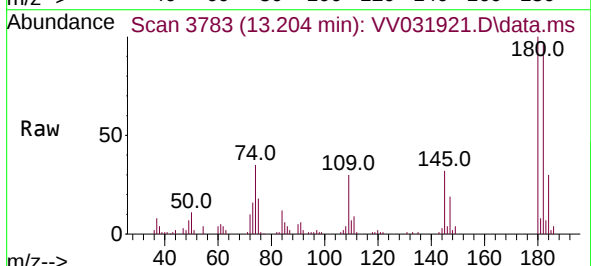
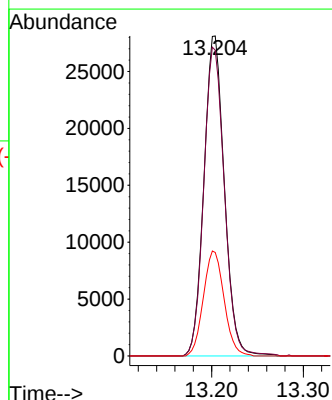
Tgt Ion:180 Resp: 43583

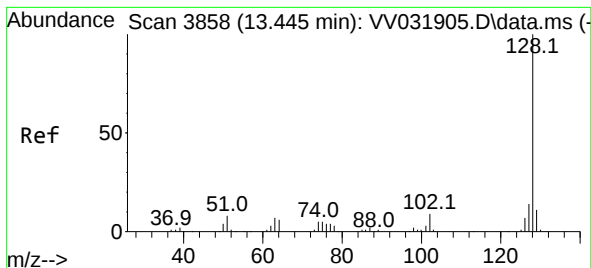
Ion Ratio Lower Upper

180 100

182 97.5 76.9 115.3

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 4.363 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

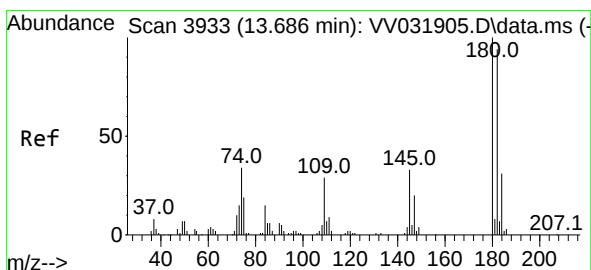
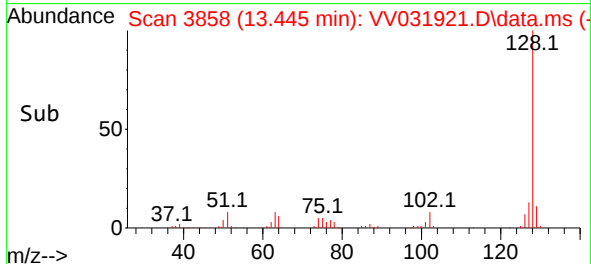
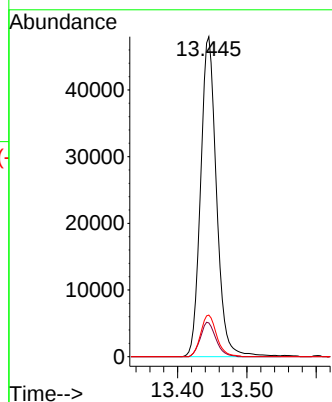
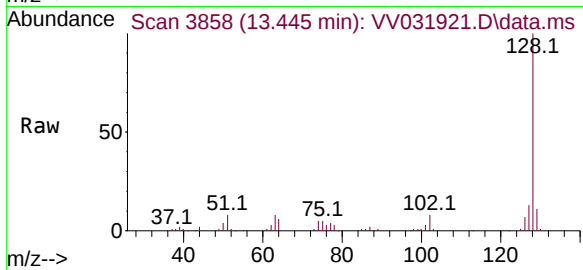
Tgt Ion:128 Resp: 76553

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

127 13.1 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.792 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031921.D

Acq: 24 Aug 2023 19:59

Tgt Ion:180 Resp: 37590

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 34.0 27.3 40.9

