

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032011.D
 Acq On : 09 Sep 2023 19:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	124259	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	123134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23140	5.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.532	69	28462	5.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.400%
11) 1,1-Dichloroethene-d2	2.059	65	13482	5.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.799	46	116362	57.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.560%
24) Chloroform-d	4.256	84	69356	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.950	65	35098	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.966	84	137008	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.995	67	47293	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.249	98	122397	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	12982	3.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.030	63	91155	47.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33677	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	44569	4.042	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27532	3.879	ug/L	100
3) Chloromethane	1.217	50	33698	4.432	ug/L	96
5) Vinyl chloride	1.281	62	34141	4.381	ug/L	100
6) Bromomethane	1.487	94	18342	3.766	ug/L	100
8) Chloroethane	1.548	64	22722	4.565	ug/L	95
9) Trichlorofluoromethane	1.715	101	44334	4.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27191	4.536	ug/L	93
12) 1,1-Dichloroethene	2.069	96	24624	4.402	ug/L	88
13) Acetone	2.127	43	58464	48.840	ug/L	75
14) Carbon disulfide	2.243	76	61394	3.902	ug/L	98
15) Methyl Acetate	2.384	43	14883	6.101	ug/L	99
16) Methylene chloride	2.449	84	34534	3.796	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	86054	4.958	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	28486	4.492	ug/L	96
19) 1,1-Dichloroethane	3.117	63	65870	5.044	ug/L	99
21) 2-Butanone	3.883	43	102130	60.234	ug/L	89
22) cis-1,2-Dichloroethene	3.821	96	35390	4.845	ug/L	98
23) Bromochloromethane	4.156	128	14806	5.109	ug/L	92
25) Chloroform	4.284	83	64566	4.850	ug/L	97

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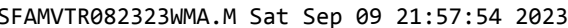
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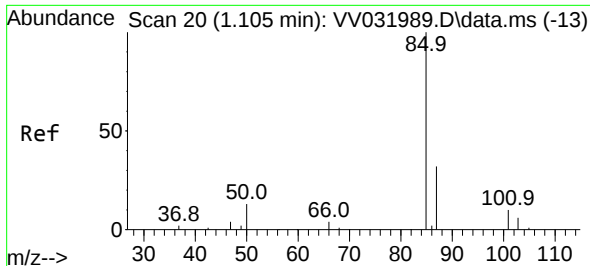
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	38376	4.821	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	52023	4.374	ug/L	98
30) Cyclohexane	4.587	56	49469	4.047	ug/L	98
31) Carbon tetrachloride	4.741	117	41457	4.310	ug/L	99
33) Benzene	5.014	78	132572	4.674	ug/L	100
34) Trichloroethene	5.841	95	36153	4.361	ug/L	98
35) Methylcyclohexane	6.053	83	47291	3.919	ug/L	97
37) 1,2-Dichloropropane	6.098	63	39639	5.072	ug/L	99
38) Bromodichloromethane	6.439	83	46243	4.572	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	54282	4.566	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	265335	54.173	ug/L	97
42) Toluene	7.320	91	140888	4.471	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	43338	4.366	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	26360	4.713	ug/L	96
47) Tetrachloroethene	7.911	164	23244	4.389	ug/L	98
48) 2-Hexanone	8.082	43	184585	50.442	ug/L	98
49) Dibromochloromethane	8.181	129	26661	4.574	ug/L	100
50) 1,2-Dibromoethane	8.288	107	23565	4.658	ug/L	99
51) Chlorobenzene	8.818	112	91811	4.601	ug/L	98
52) Ethylbenzene	8.950	91	159877	4.413	ug/L	98
53) m,p-Xylene	9.078	106	59079	4.330	ug/L	98
54) o-Xylene	9.484	106	58196	4.414	ug/L	96
55) Styrene	9.500	104	102049	4.486	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	30168	5.327	ug/L	98
59) Bromoform	9.670	173	12832	3.989	ug/L	99
60) Isopropylbenzene	9.873	105	158179	4.180	ug/L	99
61) 1,2,3-Trichloropropane	10.213	75	24376	4.861	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	131067	4.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	130539	4.095	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	72032	4.298	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	71308	4.142	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	67781	4.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5061	4.456	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	51828	4.160	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	45500	4.006	ug/L	99
71) Naphthalene	13.445	128	83439	3.900	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	39797	4.161	ug/L	100

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

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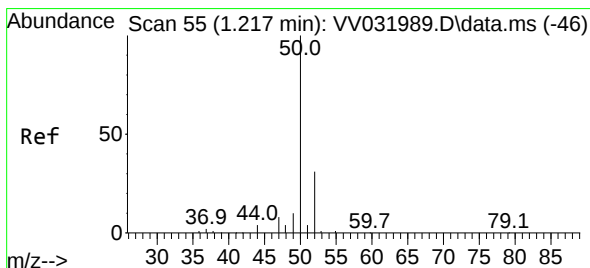
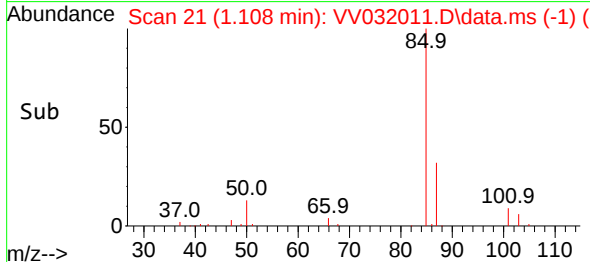
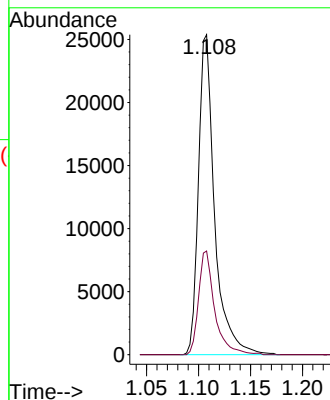
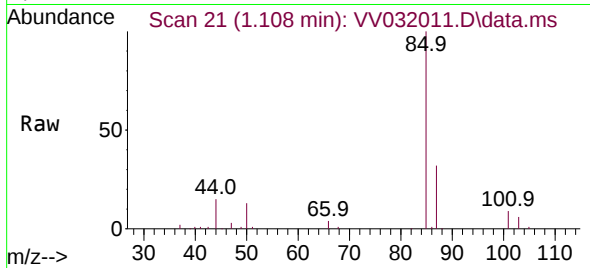




#2
 Dichlorodifluoromethane
 Concen: 3.879 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032011.D
 Acq: 09 Sep 2023 19:32

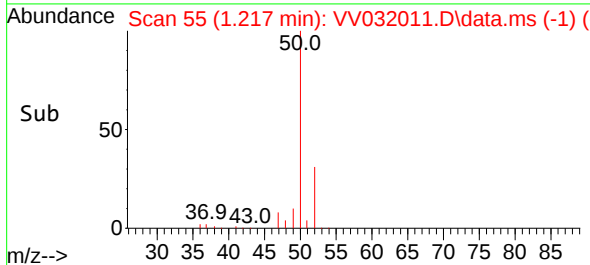
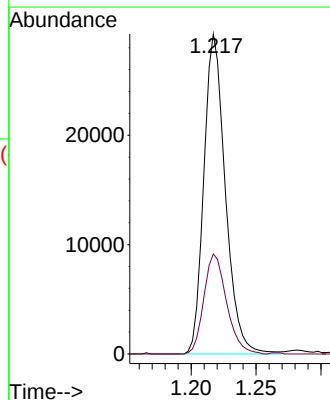
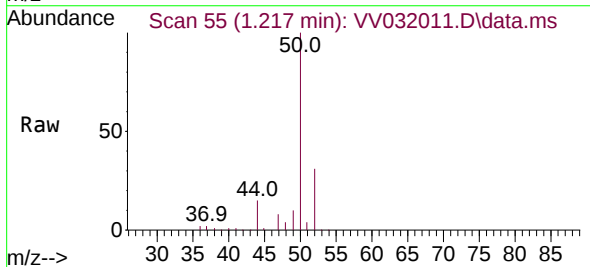
Instrument :
 MSVOA_V
 ClientSampleId :

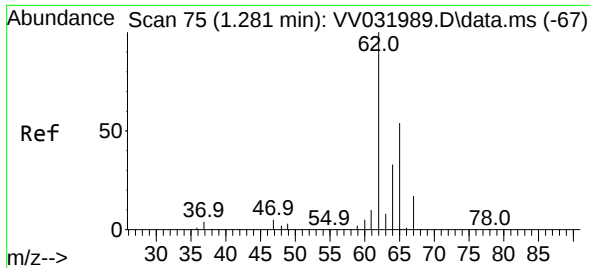
Tgt Ion: 85 Resp: 27532
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.7 38.5



#3
 Chloromethane
 Concen: 4.432 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032011.D
 Acq: 09 Sep 2023 19:32

Tgt Ion: 50 Resp: 33698
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.3 43.3

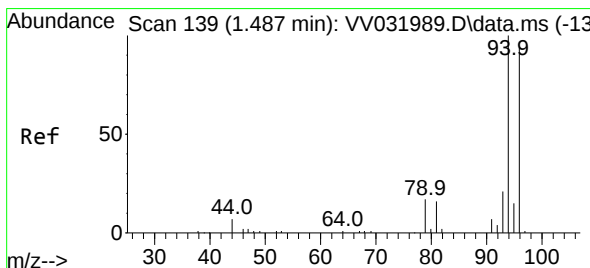
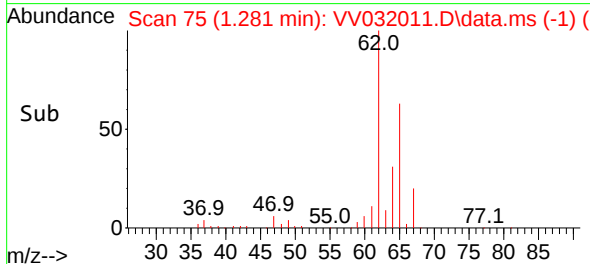
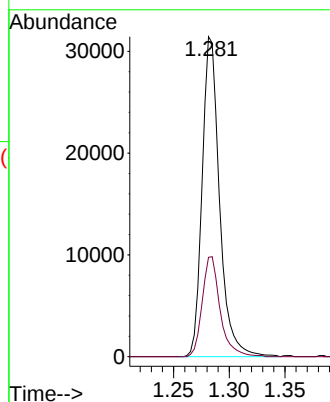
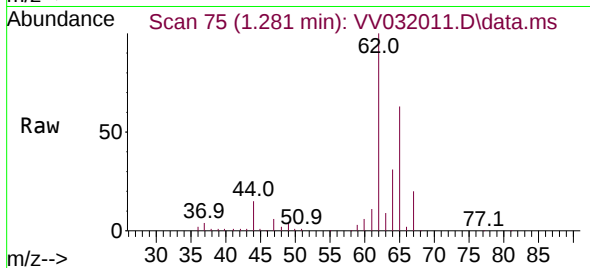




#5
 Vinyl chloride
 Concen: 4.381 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032011.D
 Acq: 09 Sep 2023 19:32

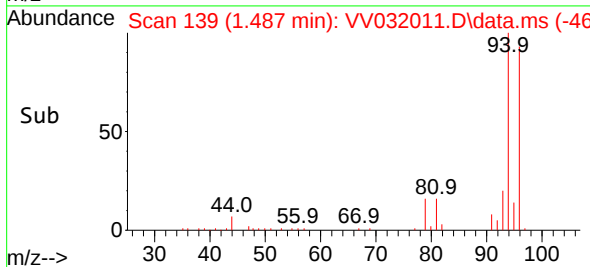
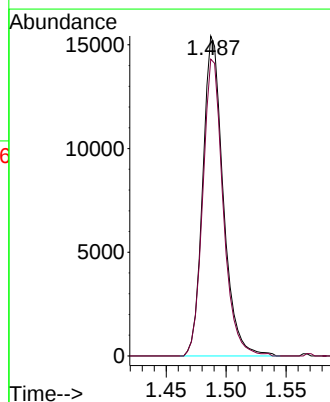
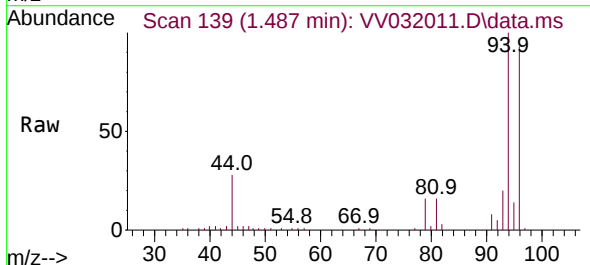
Instrument :
 MSVOA_V
 ClientSampleId :

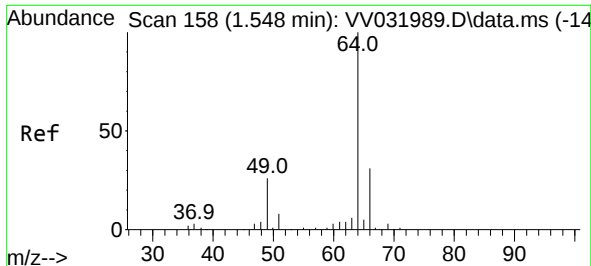
Tgt Ion: 62 Resp: 34141
 Ion Ratio Lower Upper
 62 100
 64 31.0 21.7 40.3



#6
 Bromomethane
 Concen: 3.766 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032011.D
 Acq: 09 Sep 2023 19:32

Tgt Ion: 94 Resp: 18342
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.0 120.8

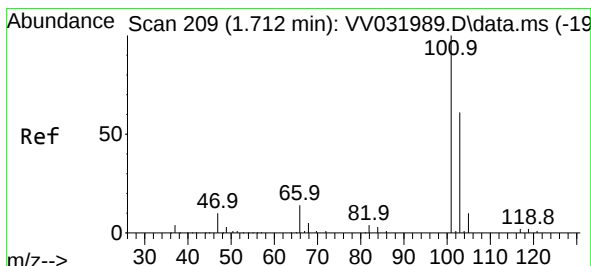
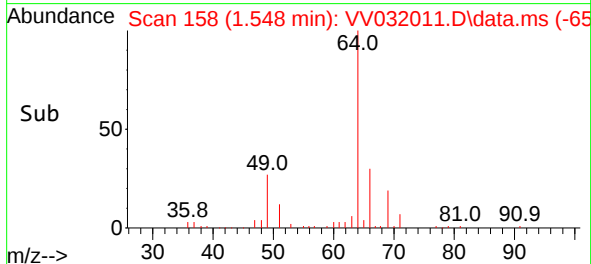
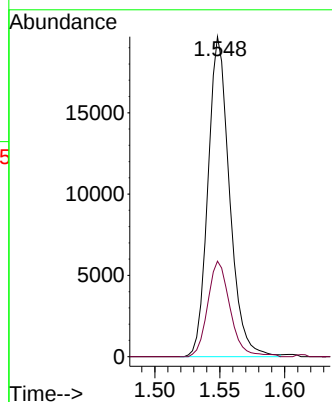
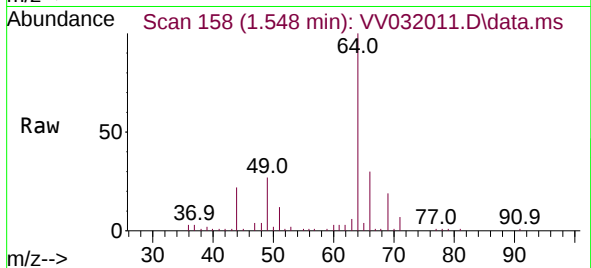




#8
Chloroethane
Concen: 4.565 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

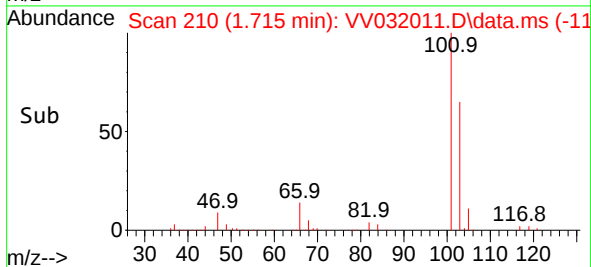
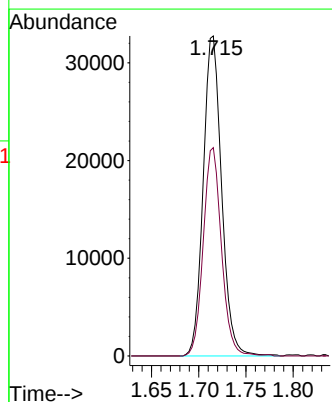
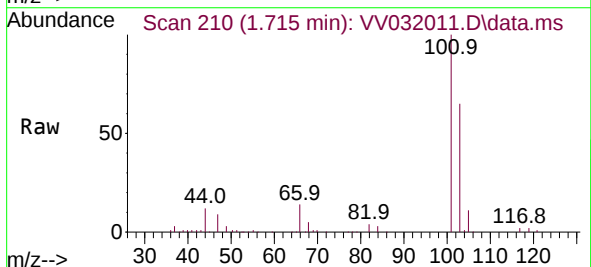
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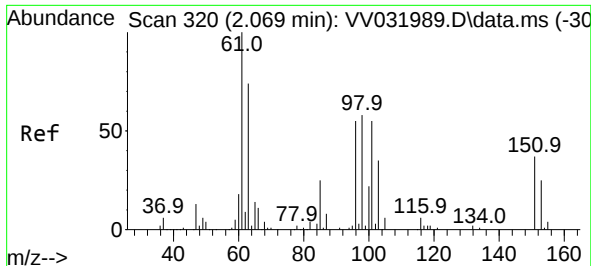
Tgt Ion: 64 Resp: 22722
Ion Ratio Lower Upper
64 100
66 29.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.410 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion:101 Resp: 44334
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7





#10

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

Concen: 4.536 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :

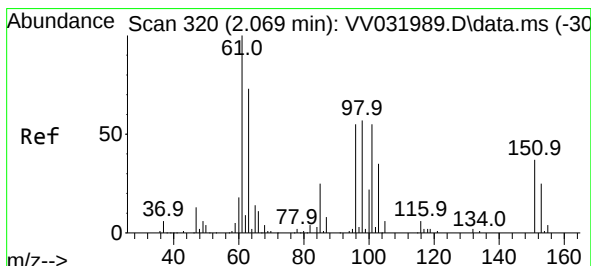
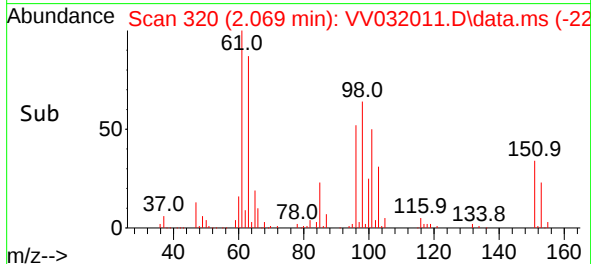
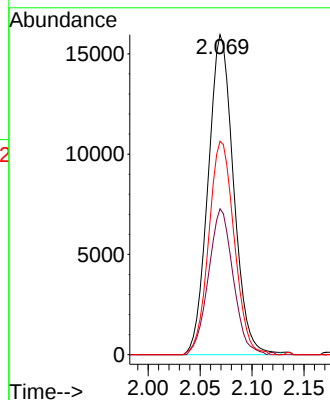
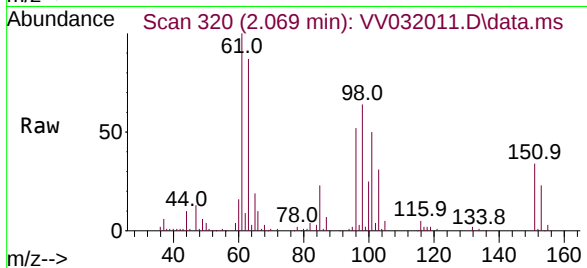
Tgt Ion:101 Resp: 27191

Ion Ratio Lower Upper

101 100

85 44.2 38.3 57.5

151 66.8 58.5 87.7



#12

1,1-Dichloroethene

Concen: 4.402 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

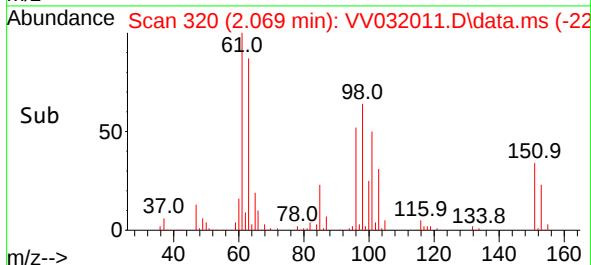
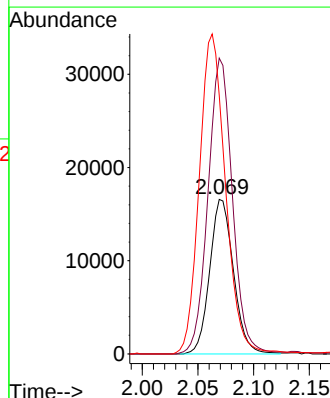
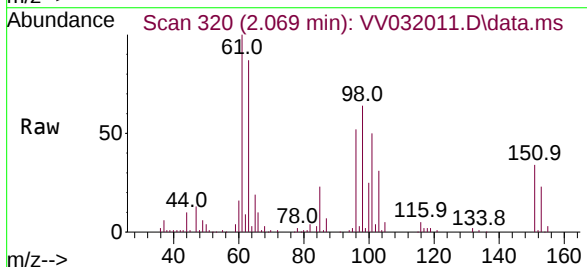
Tgt Ion: 96 Resp: 24624

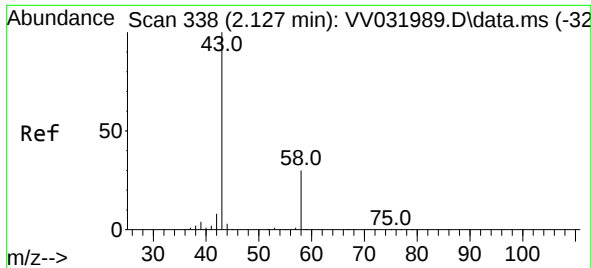
Ion Ratio Lower Upper

96 100

61 191.4 129.0 239.6

63 167.2 99.0 183.8





#13

Acetone

Concen: 48.840 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

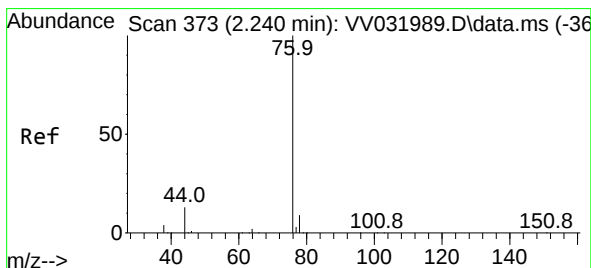
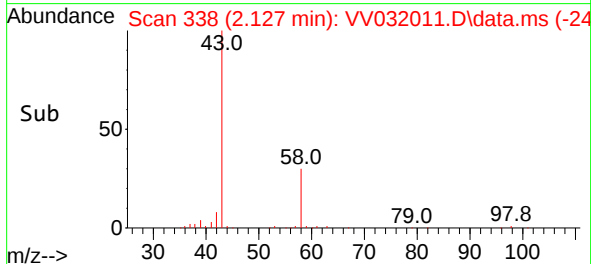
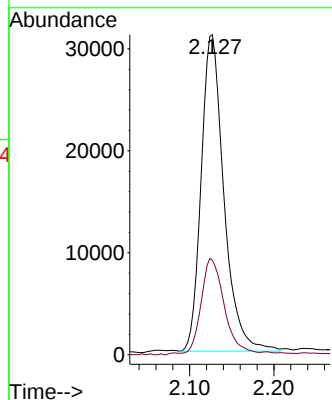
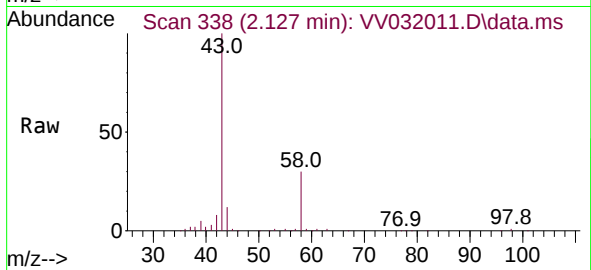
ClientSampleId :

Tgt Ion: 43 Resp: 58464

Ion Ratio Lower Upper

43 100

58 29.6 0.0 37.0



#14

Carbon disulfide

Concen: 3.902 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032011.D

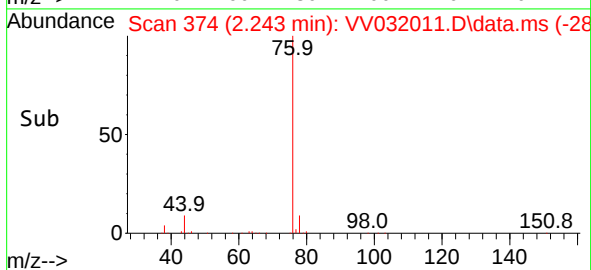
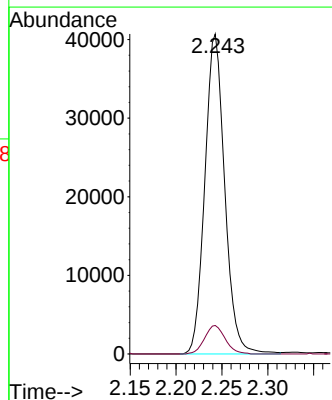
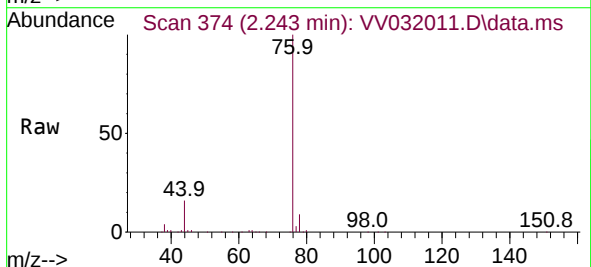
Acq: 09 Sep 2023 19:32

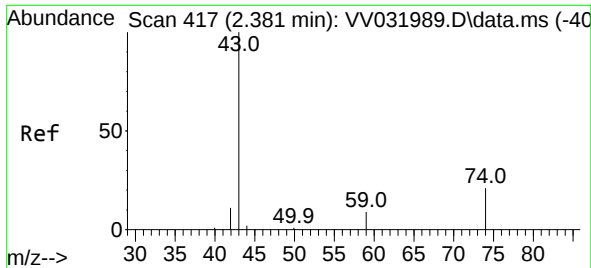
Tgt Ion: 76 Resp: 61394

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

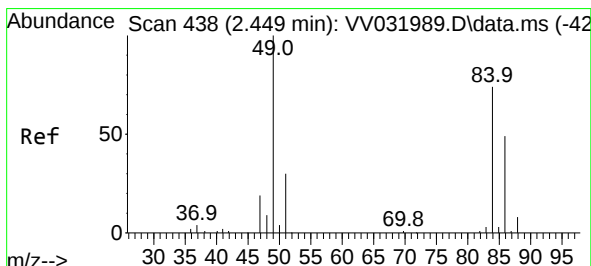
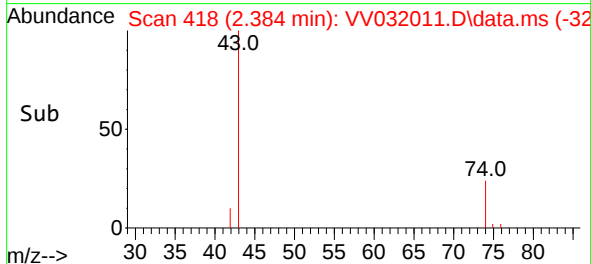
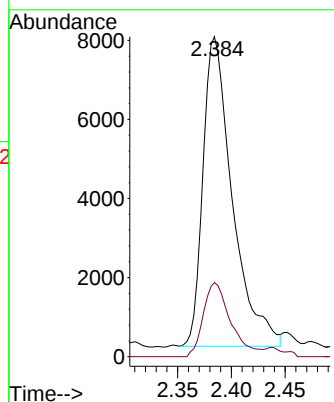
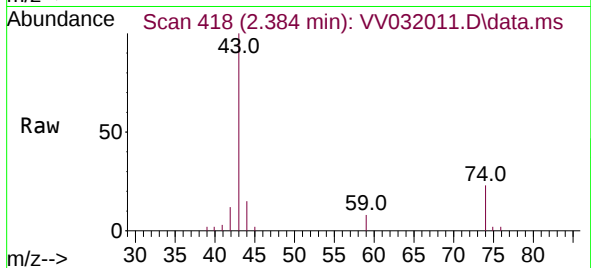




#15
Methyl Acetate
Concen: 6.101 ug/L
RT: 2.384 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

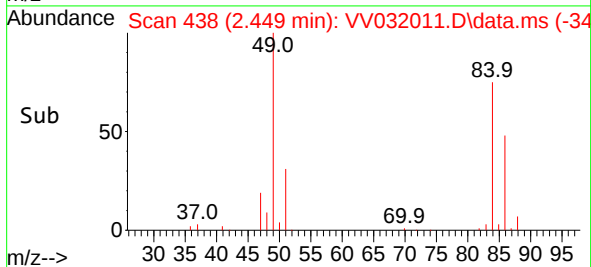
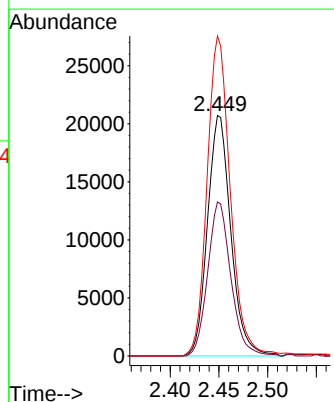
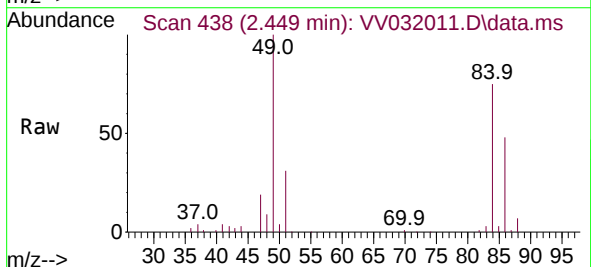
Instrument :
MSVOA_V
ClientSampleId :

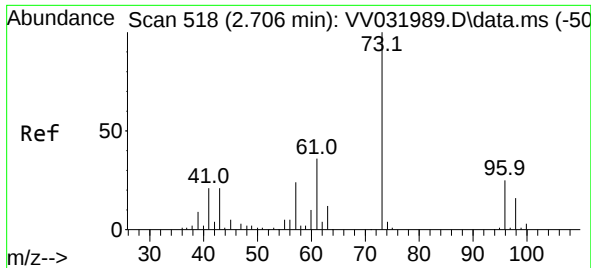
Tgt Ion: 43 Resp: 14883
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5



#16
Methylene chloride
Concen: 3.796 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

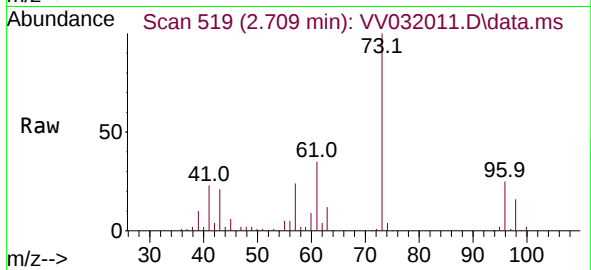
Tgt Ion: 84 Resp: 34534
Ion Ratio Lower Upper
84 100
86 64.1 42.6 79.2
49 133.1 88.5 164.4



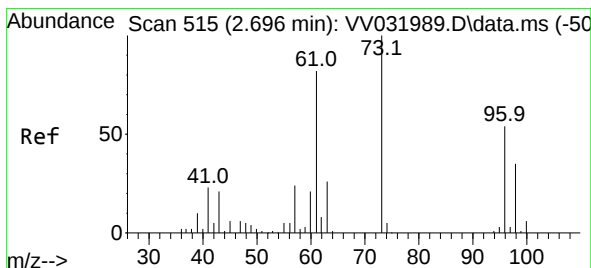
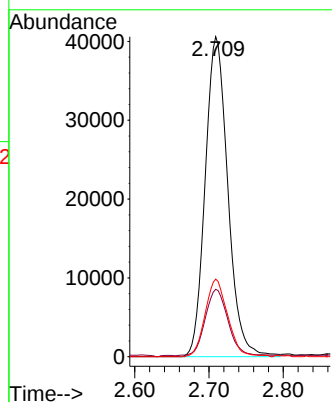
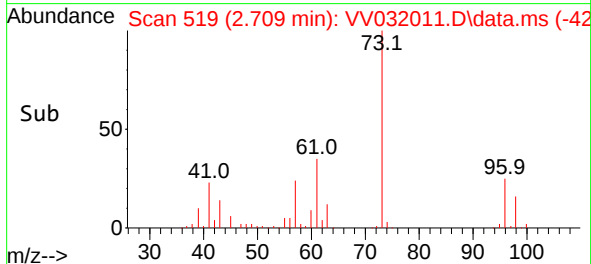


#17
Methyl tert-butyl Ether
Concen: 4.958 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Instrument :
MSVOA_V
ClientSampleId :

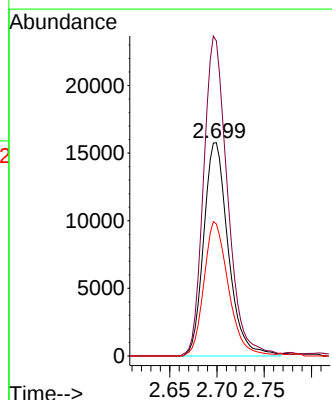
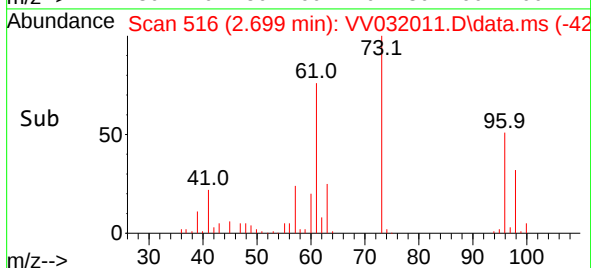
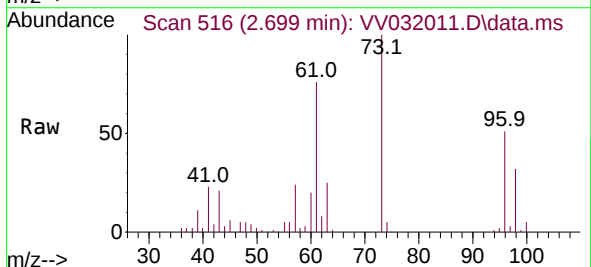


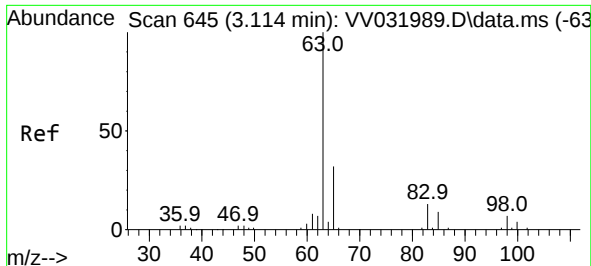
Tgt Ion: 73 Resp: 86054
Ion Ratio Lower Upper
73 100
43 20.6 15.6 23.4
57 23.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.492 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion: 96 Resp: 28486
Ion Ratio Lower Upper
96 100
61 147.7 106.8 198.4
98 61.9 44.9 83.3





#19

1,1-Dichloroethane

Concen: 5.044 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

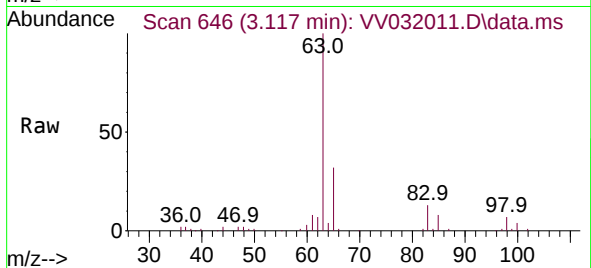
Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :



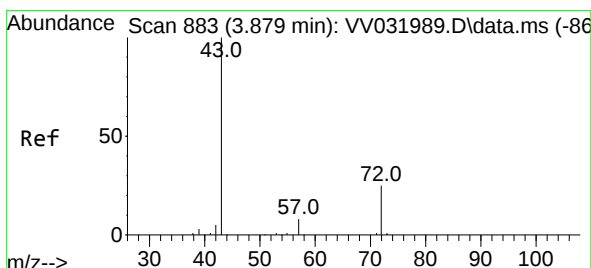
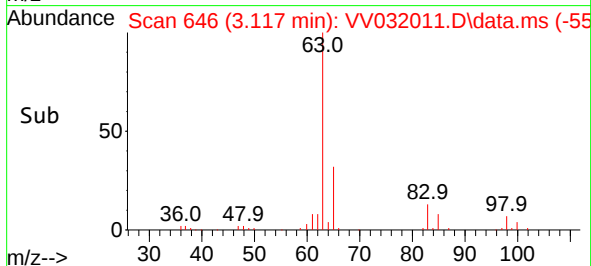
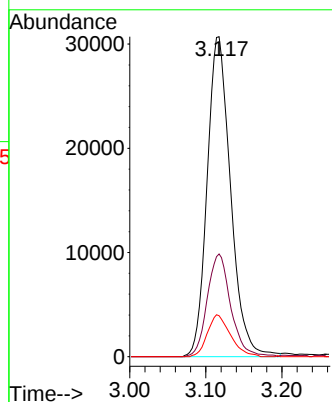
Tgt Ion: 63 Resp: 65870

Ion Ratio Lower Upper

63 100

65 32.1 21.9 40.7

83 12.8 9.2 17.2



#21

2-Butanone

Concen: 60.234 ug/L

RT: 3.883 min Scan# 884

Delta R.T. 0.003 min

Lab File: VV032011.D

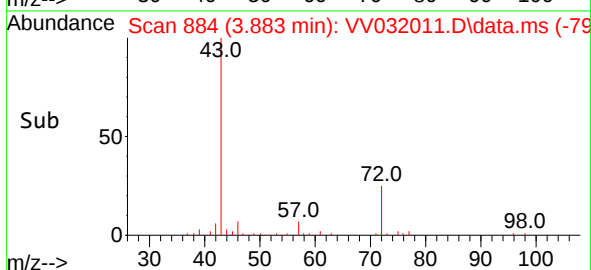
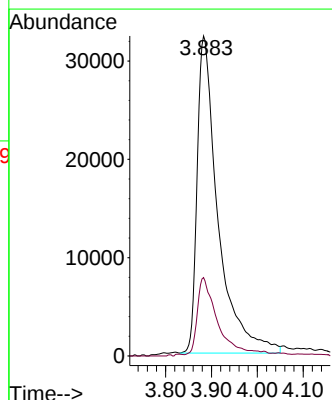
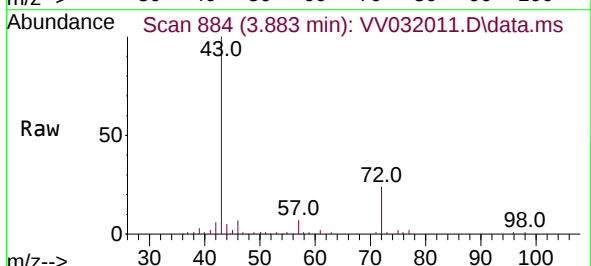
Acq: 09 Sep 2023 19:32

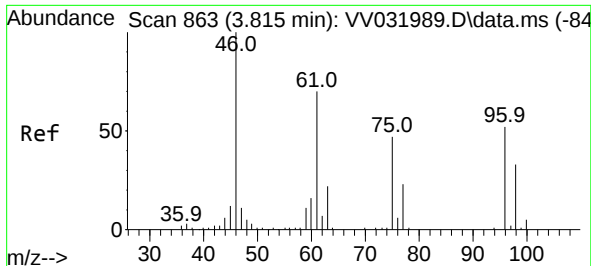
Tgt Ion: 43 Resp: 102130

Ion Ratio Lower Upper

43 100

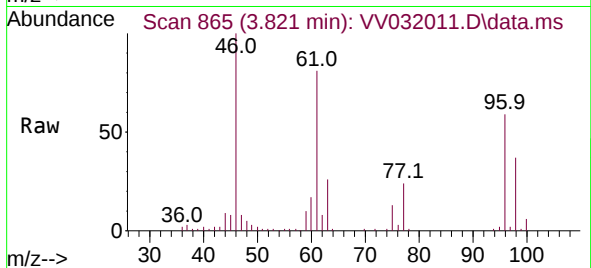
72 22.9 9.0 27.0



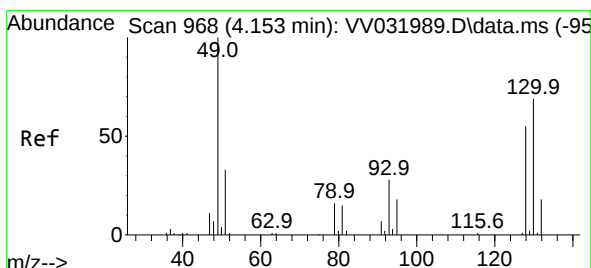
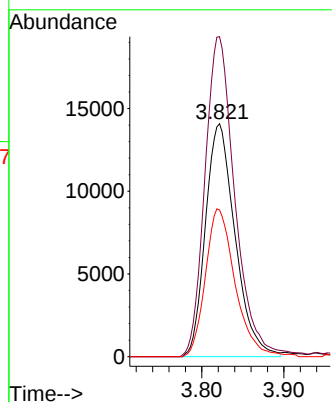
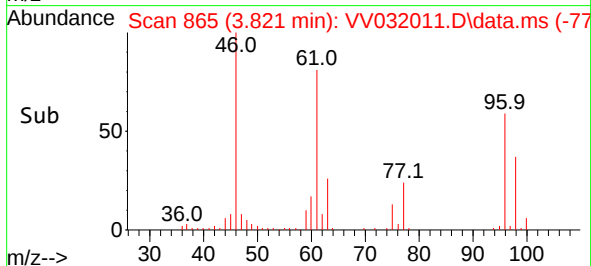


#22
 cis-1,2-Dichloroethene
 Concen: 4.845 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VV032011.D
 Acq: 09 Sep 2023 19:32

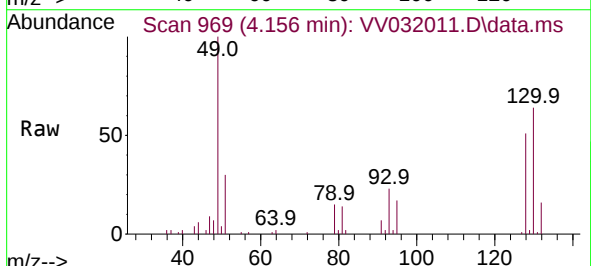
Instrument :
 MSVOA_V
 ClientSampleId :



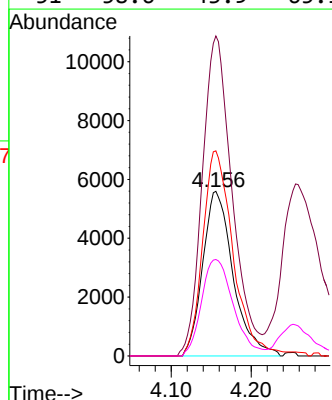
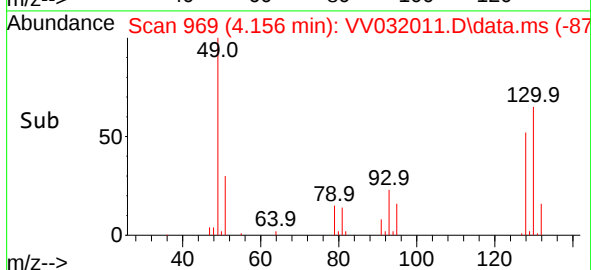
Tgt Ion: 96 Resp: 35390
 Ion Ratio Lower Upper
 96 100
 61 137.3 94.1 174.8
 98 63.0 43.8 81.4

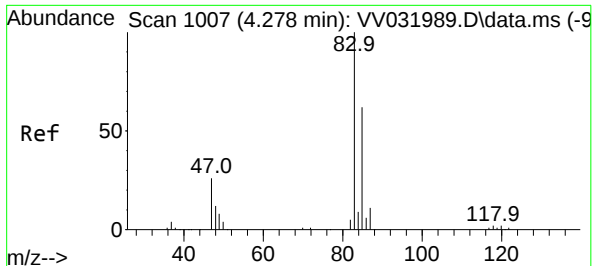


#23
 Bromochloromethane
 Concen: 5.109 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV032011.D
 Acq: 09 Sep 2023 19:32



Tgt Ion: 128 Resp: 14806
 Ion Ratio Lower Upper
 128 100
 49 194.4 123.7 229.7
 130 124.7 84.3 156.5
 51 58.6 43.9 65.9





#25

Chloroform

Concen: 4.850 ug/L

RT: 4.284 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

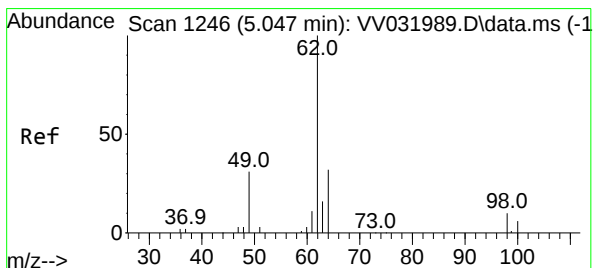
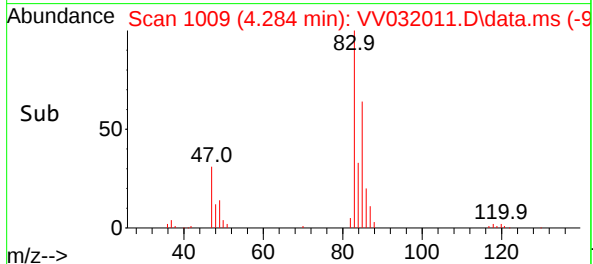
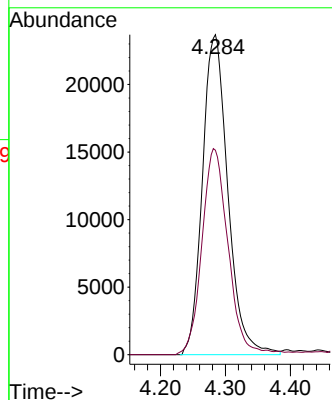
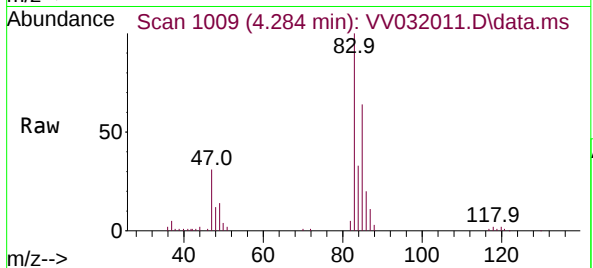
ClientSampleId :

Tgt Ion: 83 Resp: 64566

Ion Ratio Lower Upper

83 100

85 63.9 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.821 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV032011.D

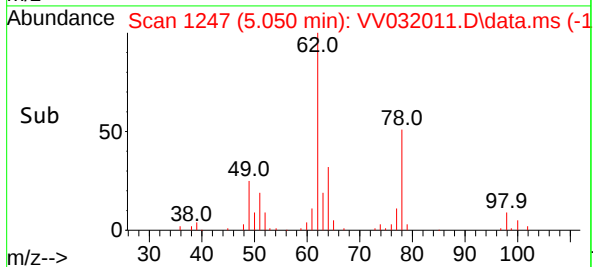
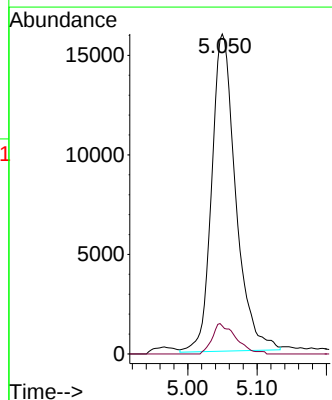
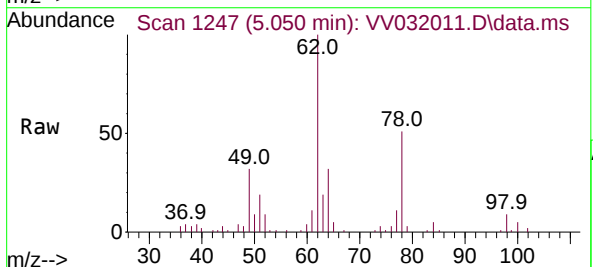
Acq: 09 Sep 2023 19:32

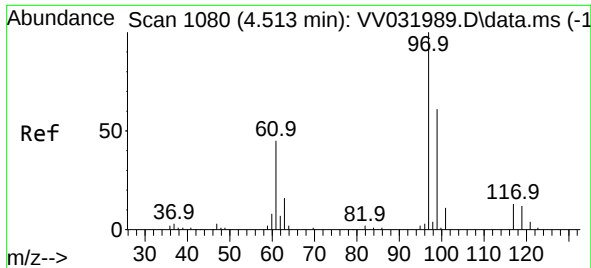
Tgt Ion: 62 Resp: 38376

Ion Ratio Lower Upper

62 100

98 8.7 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.374 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :

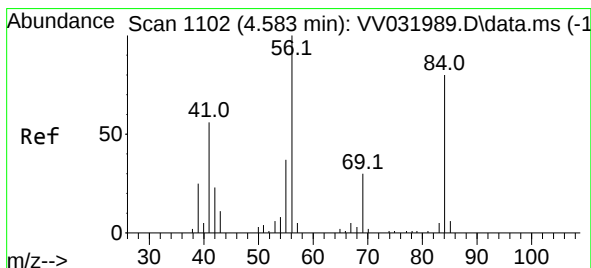
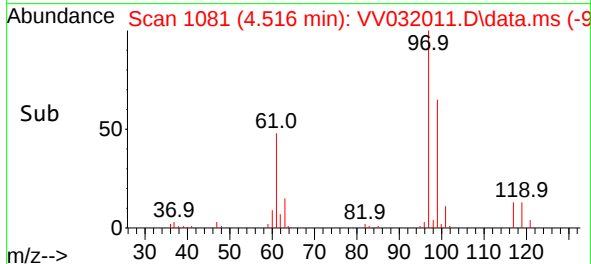
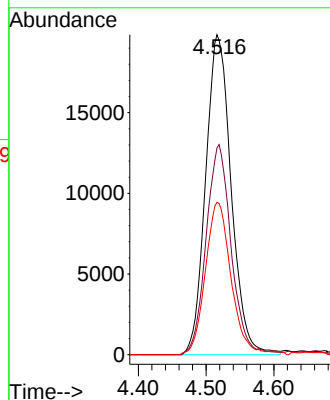
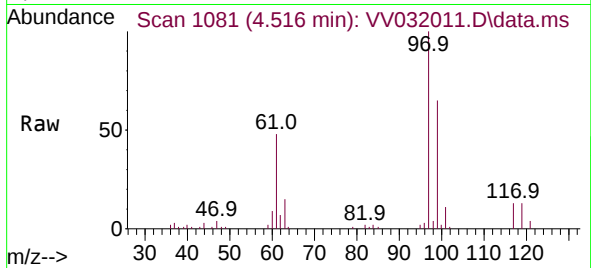
Tgt Ion: 97 Resp: 52023

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 47.4 35.5 53.3



#30

Cyclohexane

Concen: 4.047 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

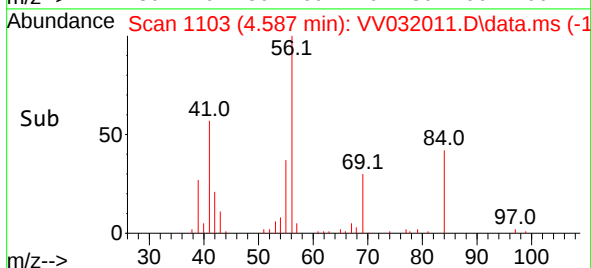
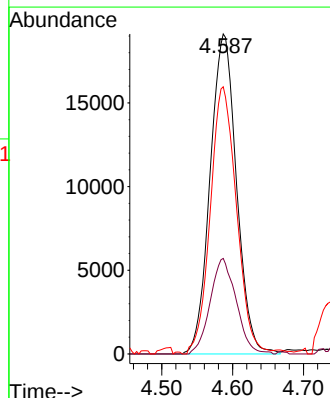
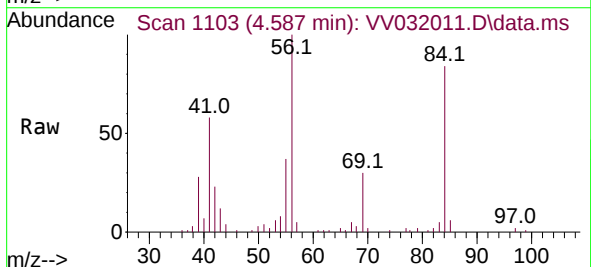
Tgt Ion: 56 Resp: 49469

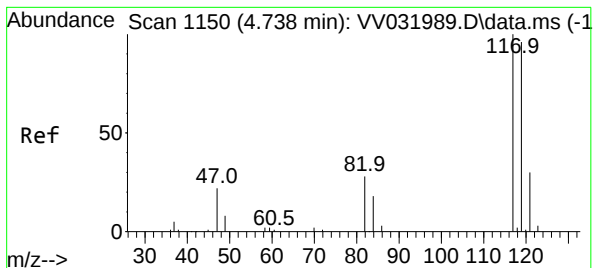
Ion Ratio Lower Upper

56 100

69 29.4 25.4 38.0

84 82.8 66.8 100.2





#31

Carbon tetrachloride

Concen: 4.310 ug/L

RT: 4.741 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

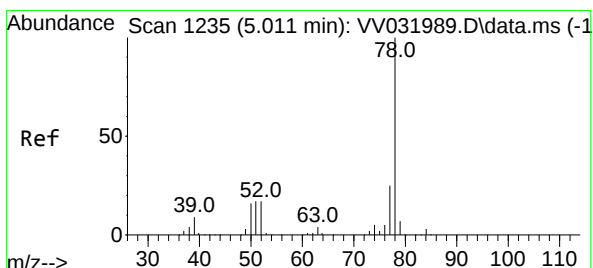
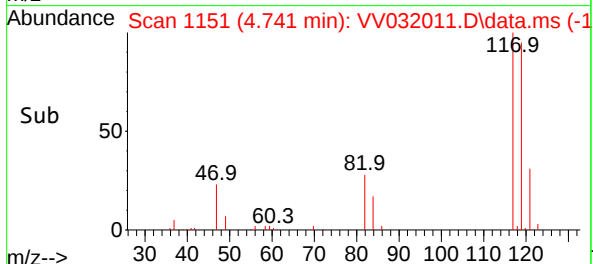
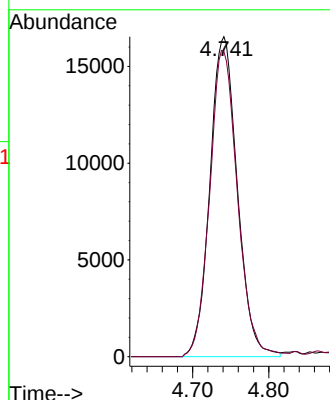
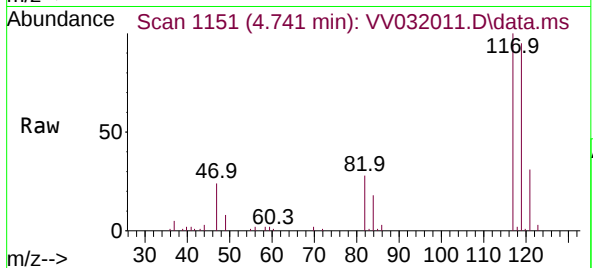
ClientSampleId :

Tgt Ion:117 Resp: 41457

Ion Ratio Lower Upper

117 100

119 97.0 78.4 117.6



#33

Benzene

Concen: 4.674 ug/L

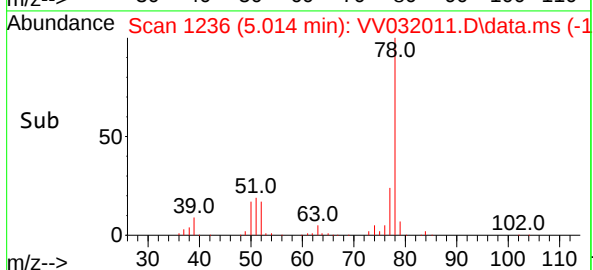
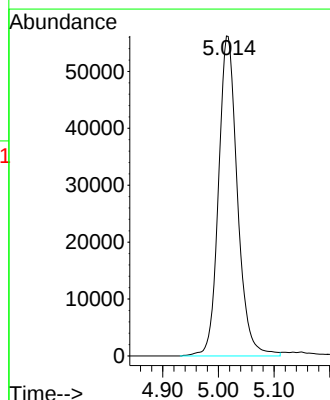
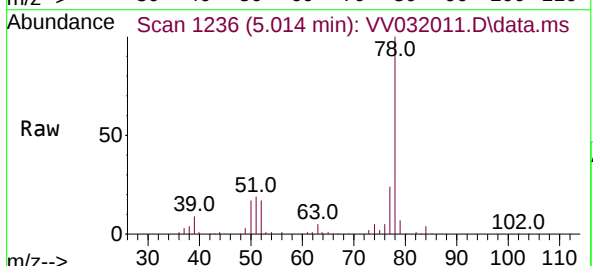
RT: 5.014 min Scan# 1236

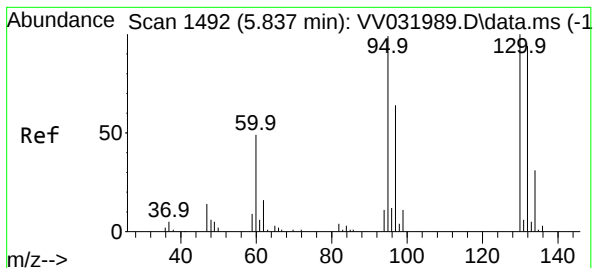
Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Tgt Ion: 78 Resp: 132572





#34

Trichloroethene

Concen: 4.361 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 36153

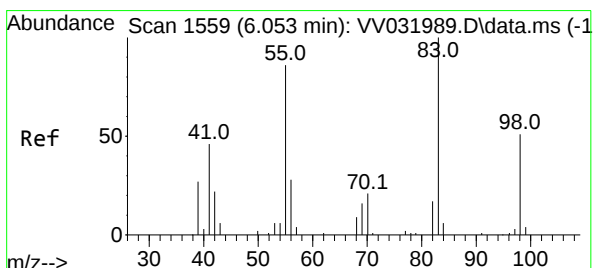
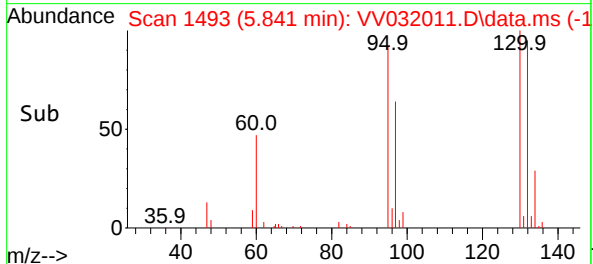
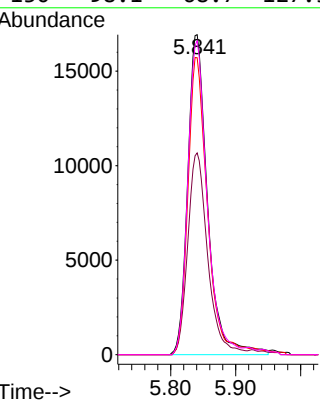
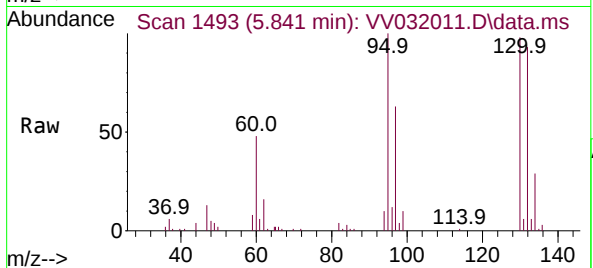
Ion Ratio Lower Upper

95 100

97 63.0 47.7 88.7

132 92.8 63.8 118.4

130 98.1 68.7 127.5



#35

Methylcyclohexane

Concen: 3.919 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

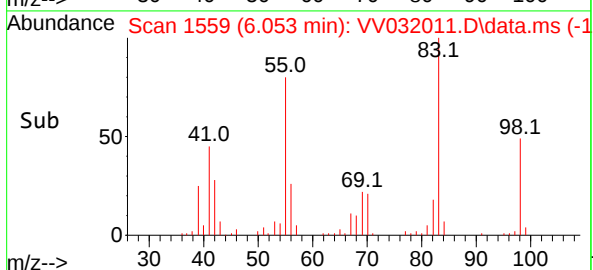
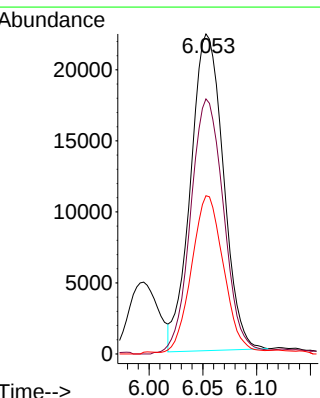
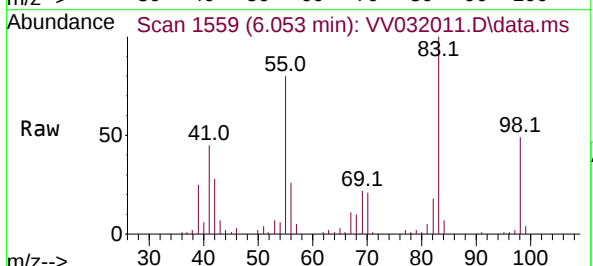
Tgt Ion: 83 Resp: 47291

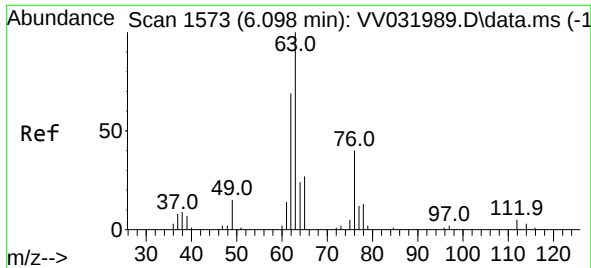
Ion Ratio Lower Upper

83 100

55 81.8 62.6 94.0

98 48.0 37.8 56.8





#37

1,2-Dichloropropane

Concen: 5.072 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

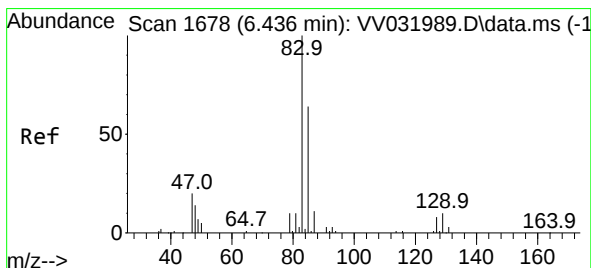
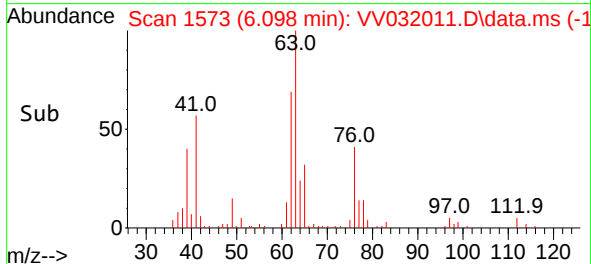
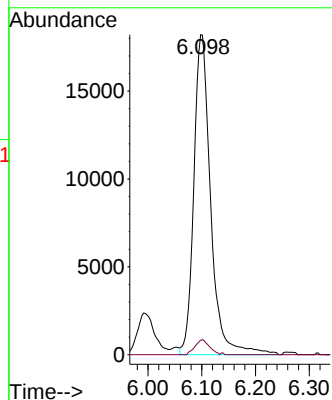
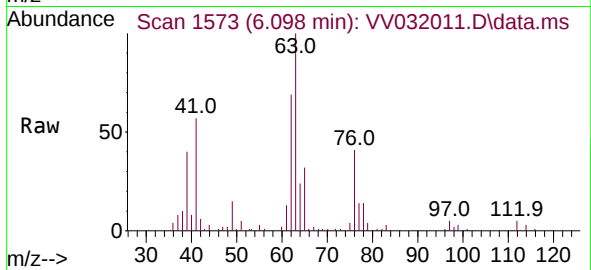
ClientSampleId :

Tgt Ion: 63 Resp: 39639

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 4.572 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

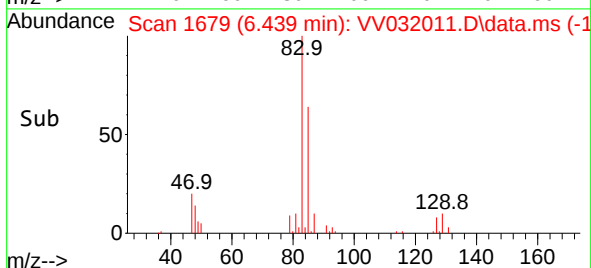
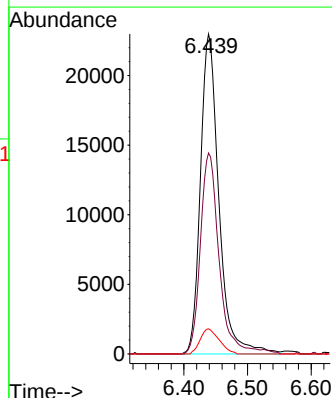
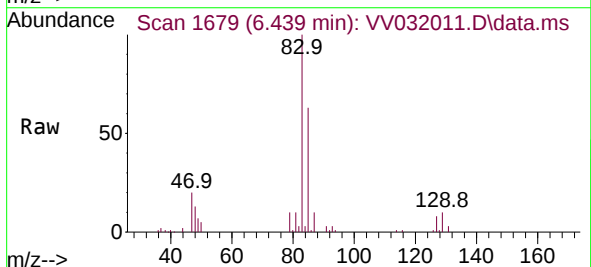
Tgt Ion: 83 Resp: 46243

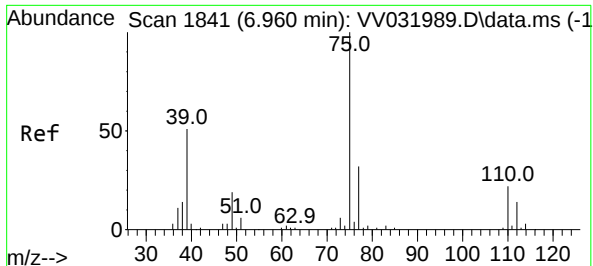
Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.4

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 4.566 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

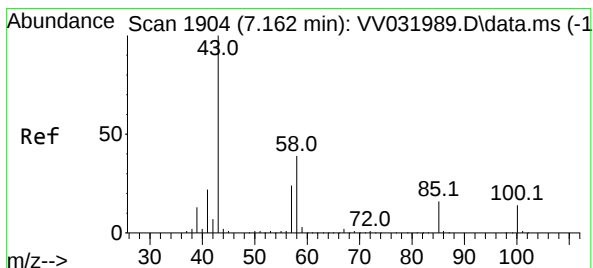
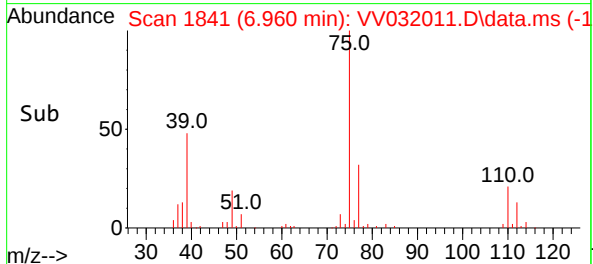
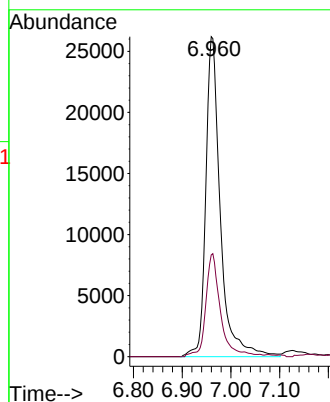
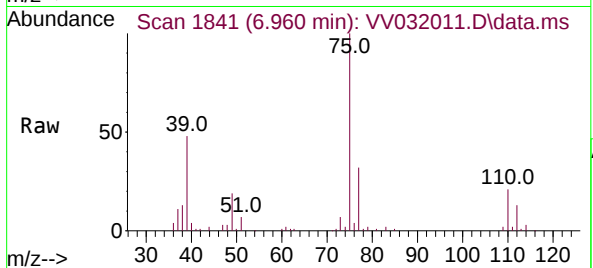
ClientSampleId :

Tgt Ion: 75 Resp: 54282

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 54.173 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

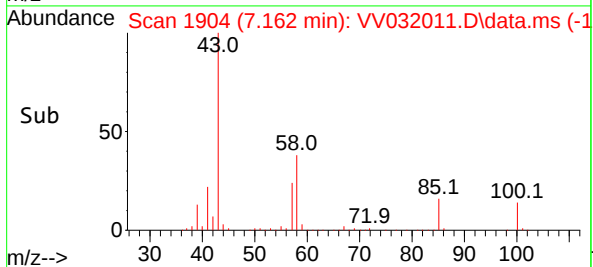
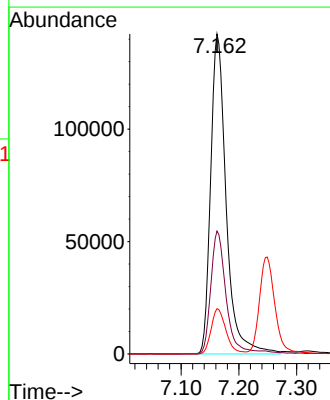
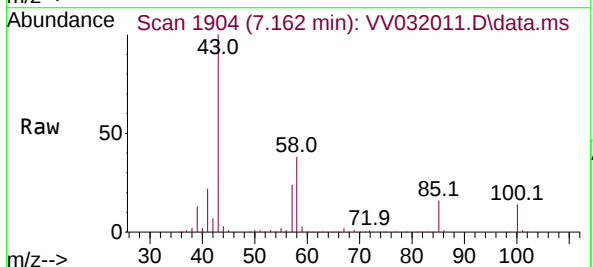
Tgt Ion: 43 Resp: 265335

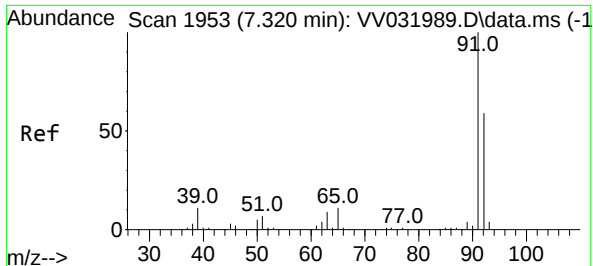
Ion Ratio Lower Upper

43 100

58 38.6 29.0 43.6

100 13.6 10.7 16.1

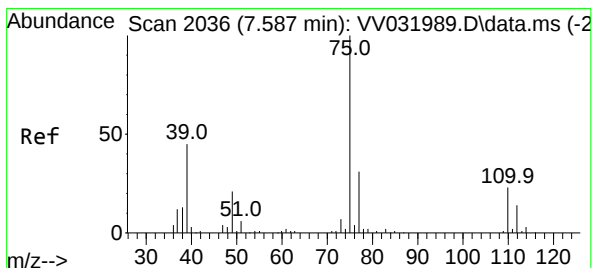
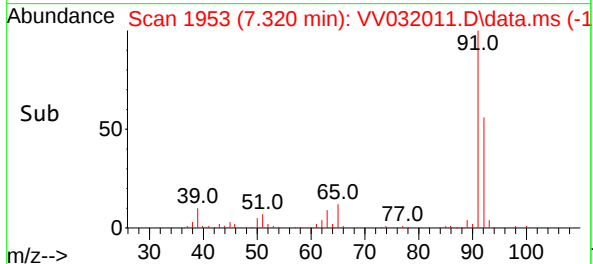
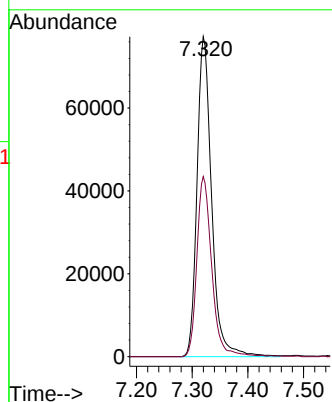
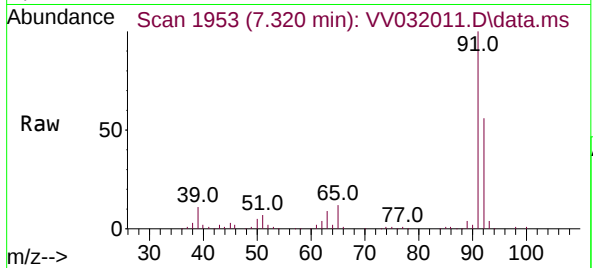




#42
Toluene
Concen: 4.471 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

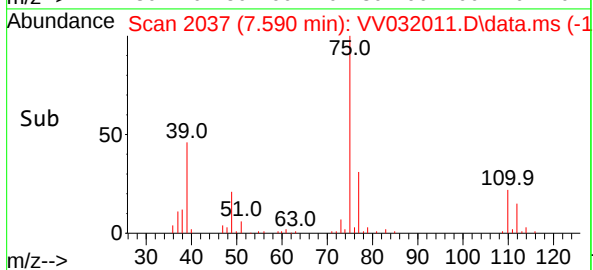
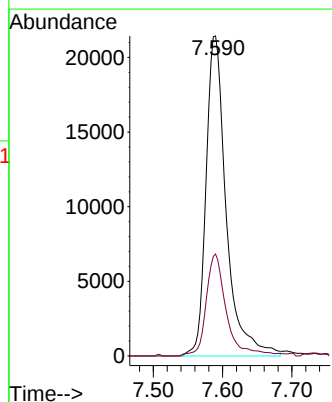
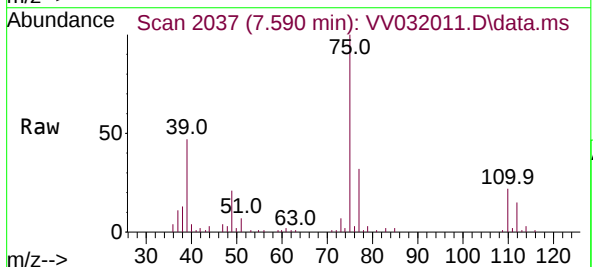
Instrument :
MSVOA_V
ClientSampleId :

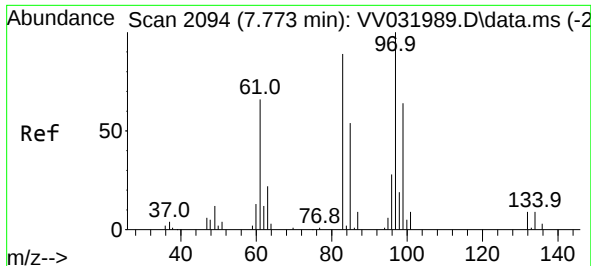
Tgt Ion: 91 Resp: 140888
Ion Ratio Lower Upper
91 100
92 56.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.366 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion: 75 Resp: 43338
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 4.713 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 26360

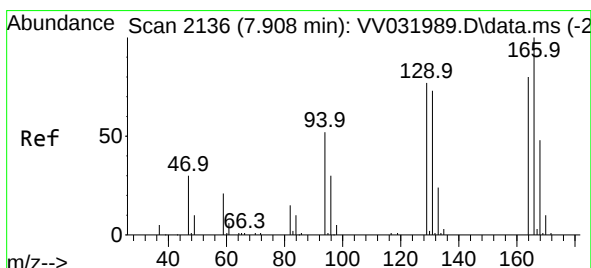
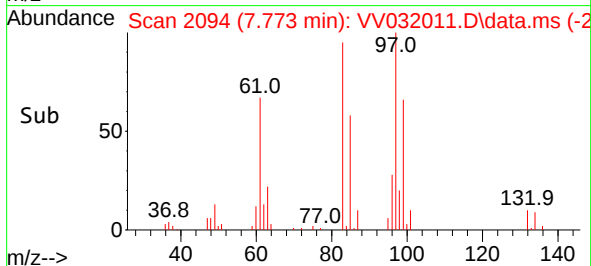
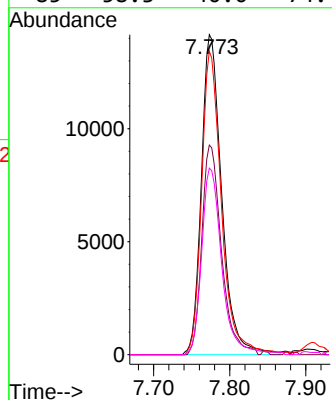
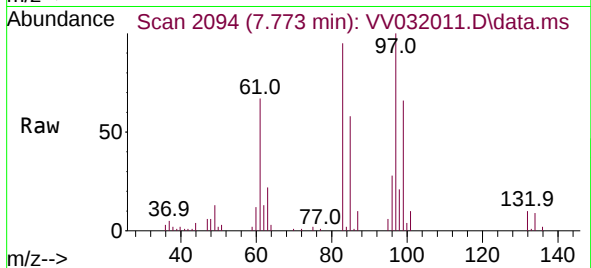
Ion Ratio Lower Upper

97 100

99 65.5 44.3 82.3

83 94.8 62.7 116.5

85 58.3 40.0 74.4



#47

Tetrachloroethene

Concen: 4.389 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Tgt Ion: 164 Resp: 23244

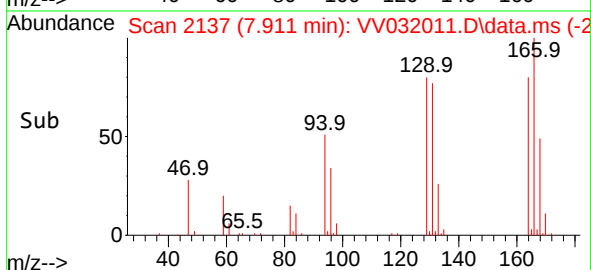
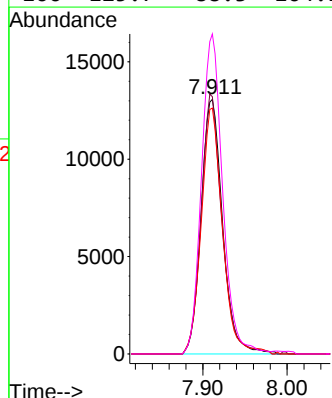
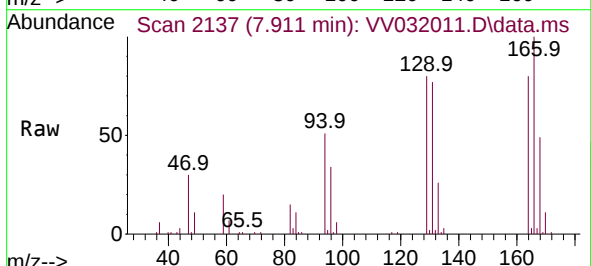
Ion Ratio Lower Upper

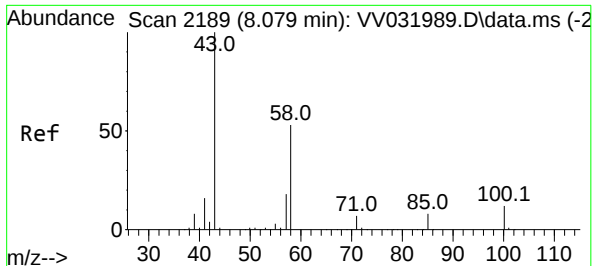
164 100

129 101.1 70.6 131.2

131 96.6 64.6 120.0

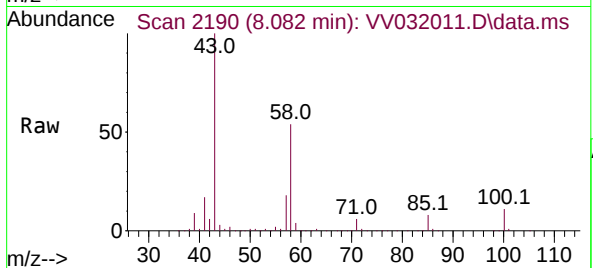
166 125.7 88.3 164.1



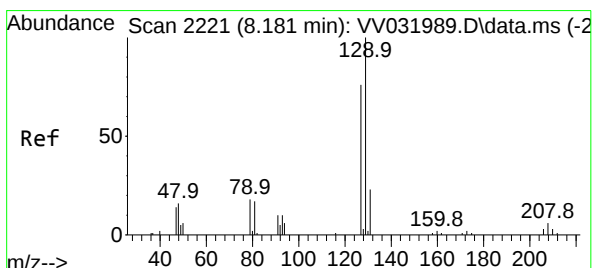
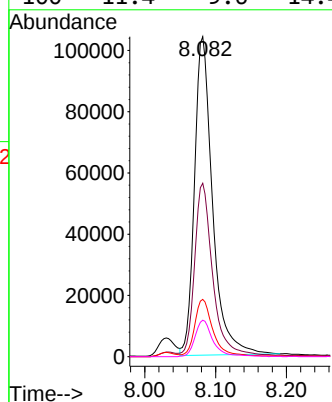
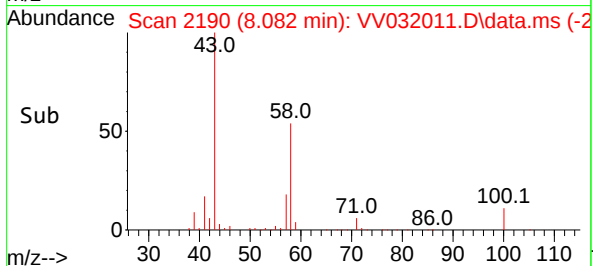


#48
2-Hexanone
Concen: 50.442 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Instrument :
MSVOA_V
ClientSampleId :

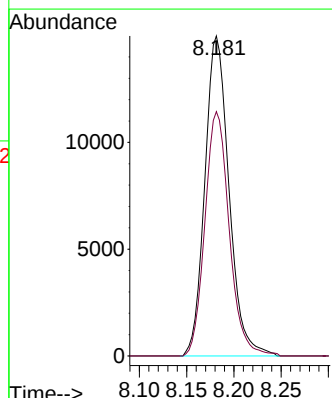
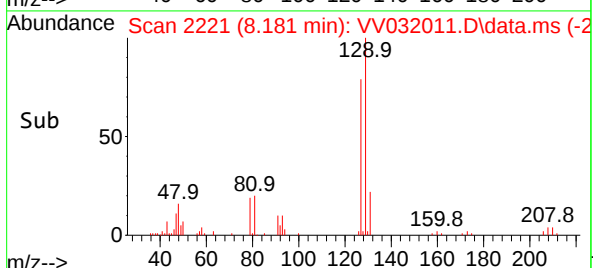
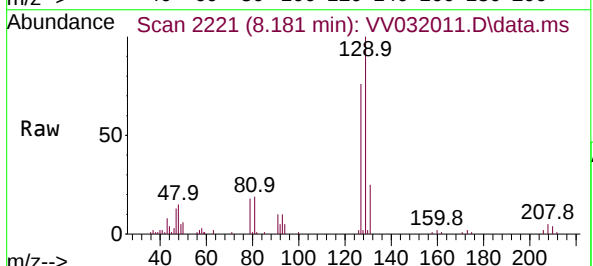


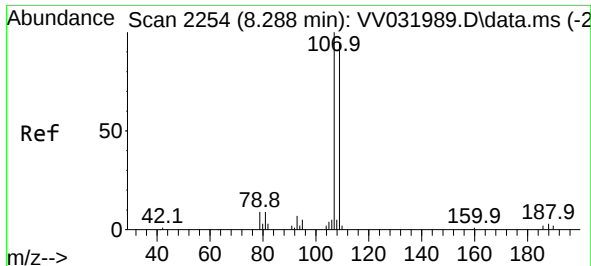
Tgt Ion: 43 Resp: 184585
Ion Ratio Lower Upper
43 100
58 53.9 44.3 66.5
57 18.2 14.3 21.5
100 11.4 9.6 14.4



#49
Dibromochloromethane
Concen: 4.574 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion: 129 Resp: 26661
Ion Ratio Lower Upper
129 100
127 76.4 53.7 99.7

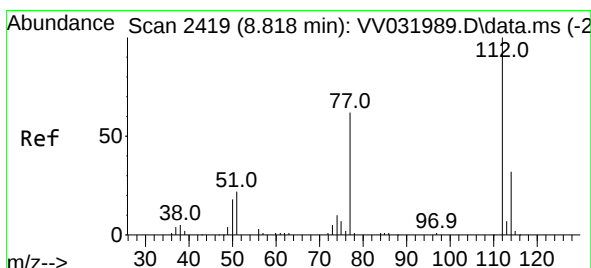
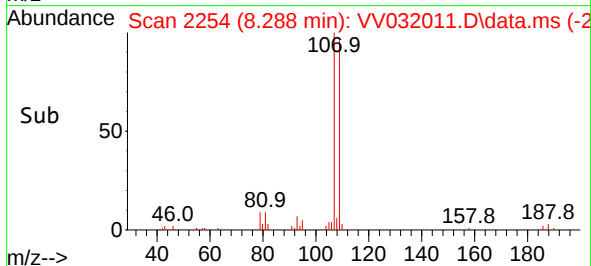
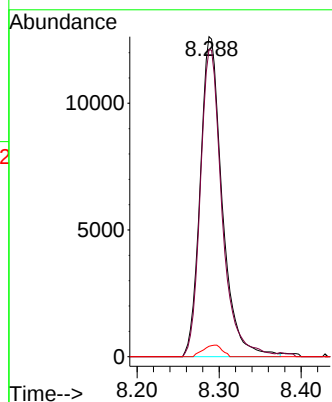
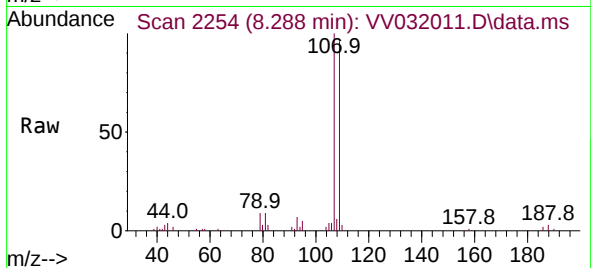




#50
1,2-Dibromoethane
Concen: 4.658 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

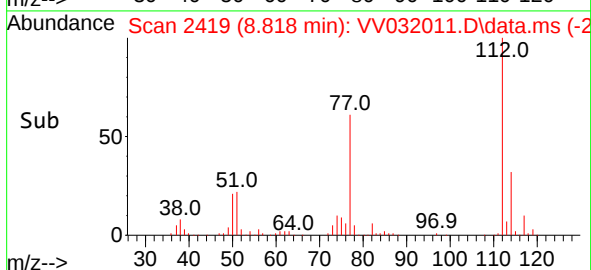
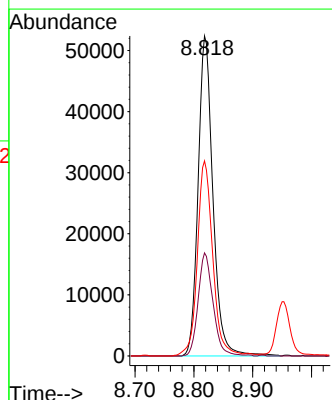
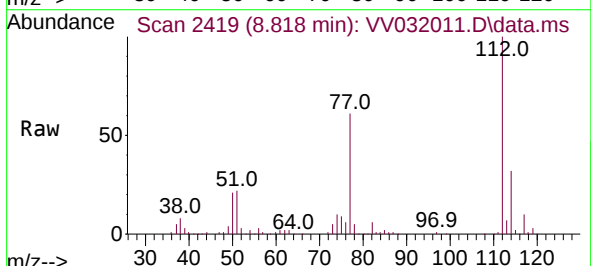
Instrument :
MSVOA_V
ClientSampleId :

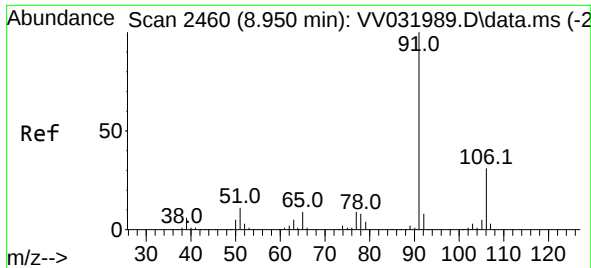
Tgt Ion:	107	Resp:	23565
Ion	Ratio	Lower	Upper
107	100		
109	96.0	66.3	123.1
188	3.3	2.6	3.8



#51
Chlorobenzene
Concen: 4.601 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion:	112	Resp:	91811
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.3
77	61.0	50.6	75.8

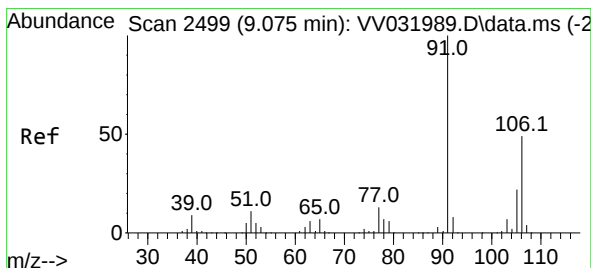
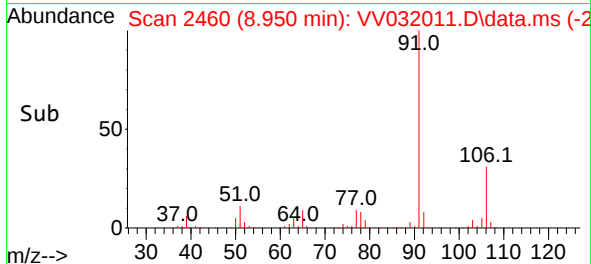
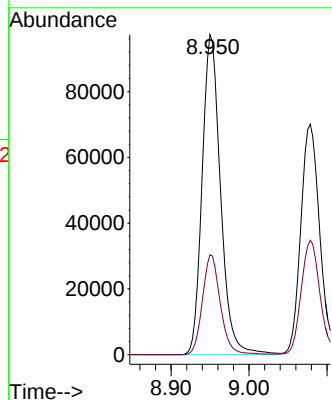
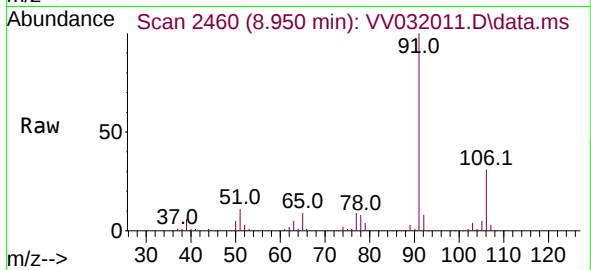




#52
Ethylbenzene
Concen: 4.413 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

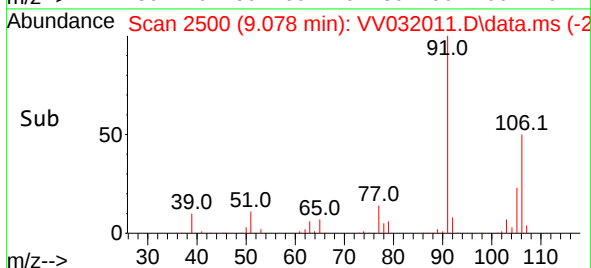
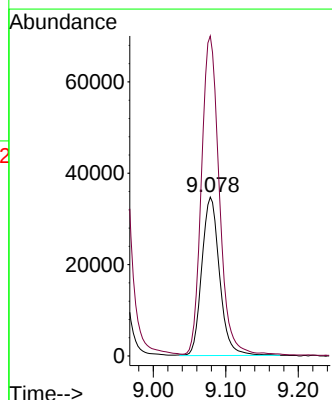
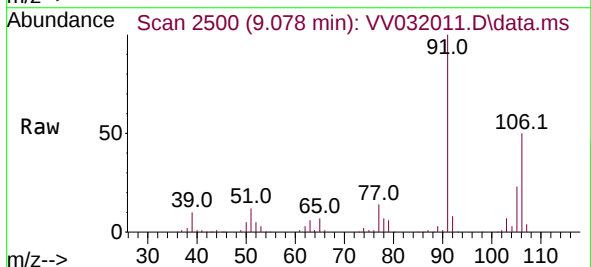
Instrument :
MSVOA_V
ClientSampleId :

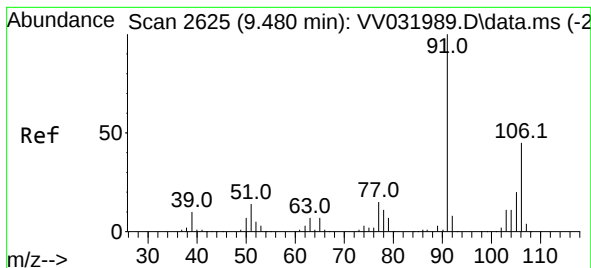
Tgt Ion: 91 Resp: 159877
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.5



#53
m,p-Xylene
Concen: 4.330 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion: 106 Resp: 59079
Ion Ratio Lower Upper
106 100
91 201.4 142.7 265.1





#54

o-Xylene

Concen: 4.414 ug/L

RT: 9.484 min Scan# 2625

Delta R.T. 0.003 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

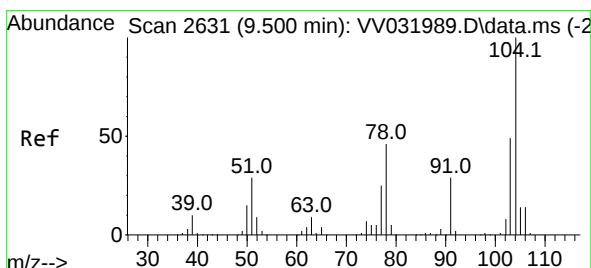
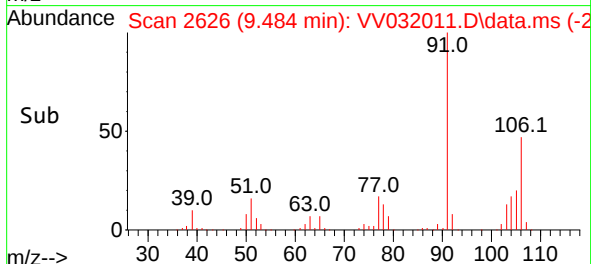
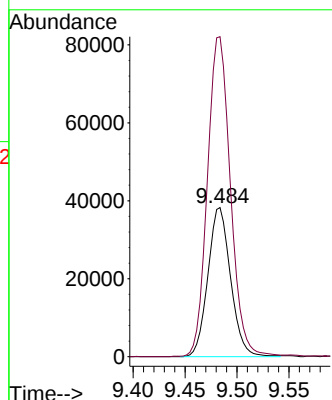
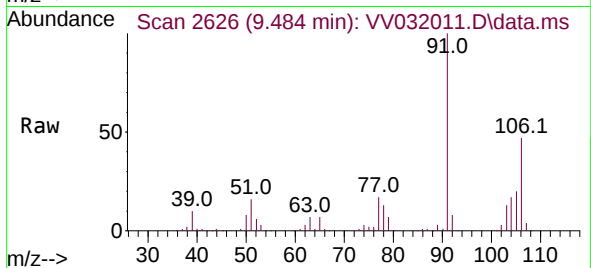
ClientSampleId :

Tgt Ion:106 Resp: 58196

Ion Ratio Lower Upper

106 100

91 214.5 154.7 287.3



#55

Styrene

Concen: 4.486 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. -0.000 min

Lab File: VV032011.D

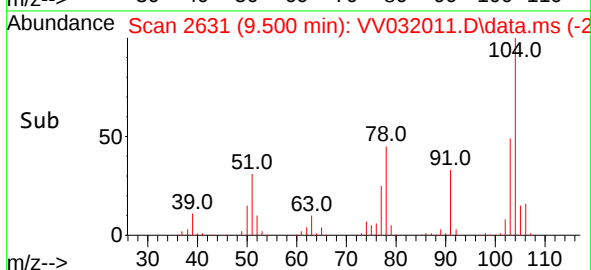
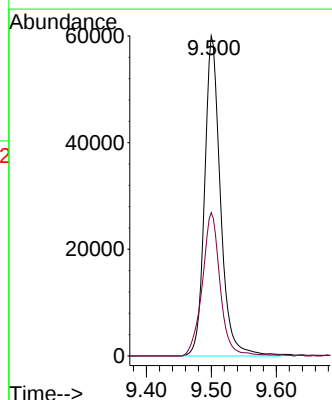
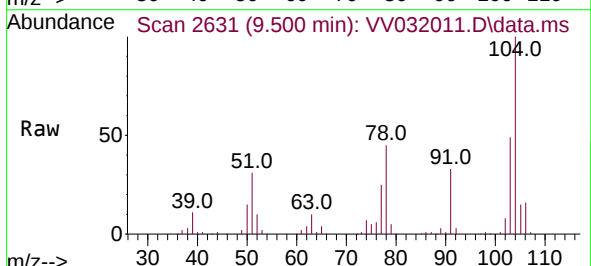
Acq: 09 Sep 2023 19:32

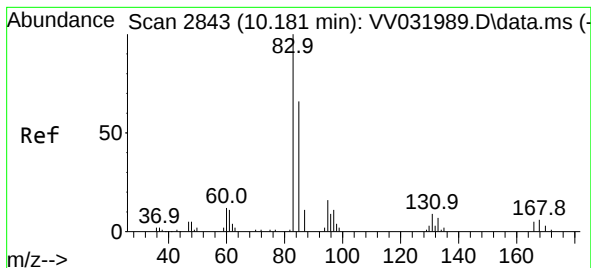
Tgt Ion:104 Resp: 102049

Ion Ratio Lower Upper

104 100

78 44.8 32.1 59.7

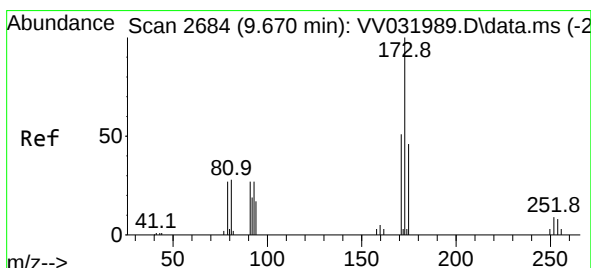
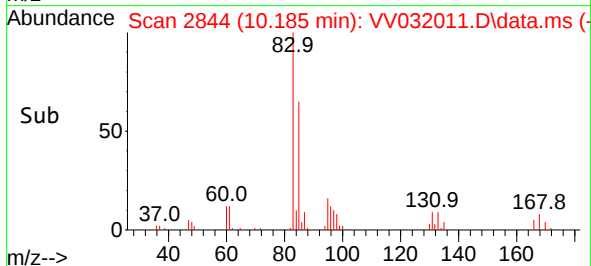
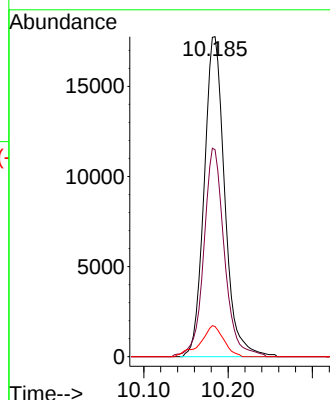
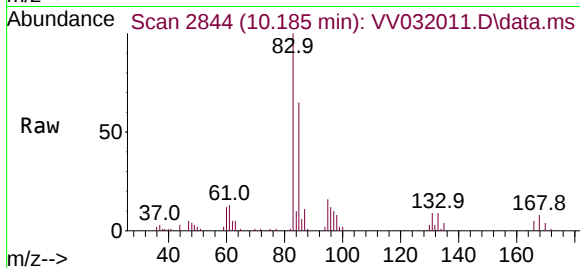




#57
1,1,2,2-Tetrachloroethane
Concen: 5.327 ug/L
RT: 10.185 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

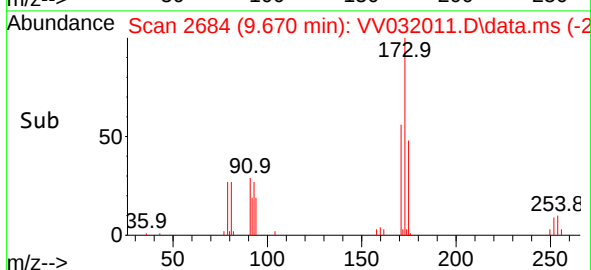
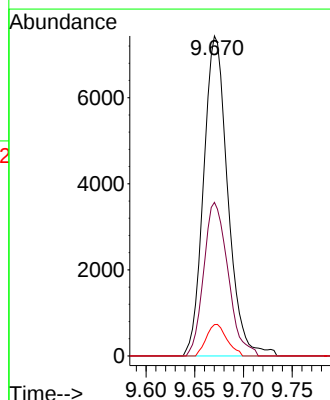
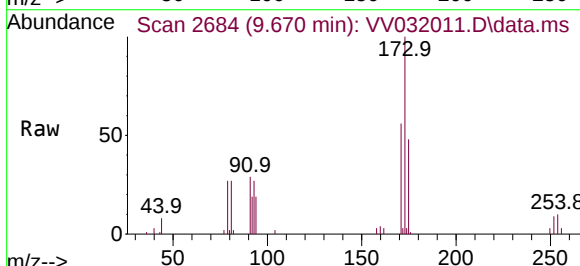
Instrument :
MSVOA_V
ClientSampleId :

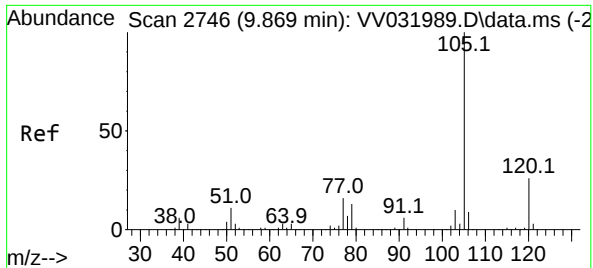
Tgt Ion:	83	Resp:	30168
Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.6	86.6
131	9.4	7.4	11.2



#59
Bromoform
Concen: 3.989 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion:	173	Resp:	12832
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.0	57.0
254	8.4	6.8	10.2

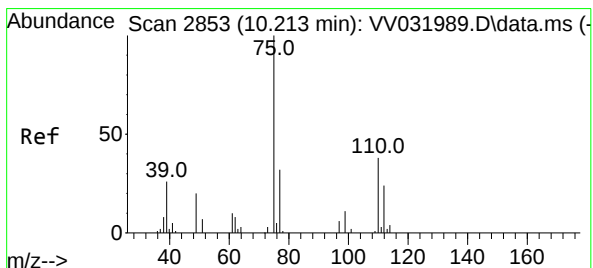
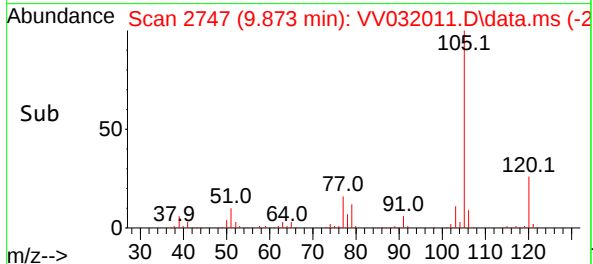
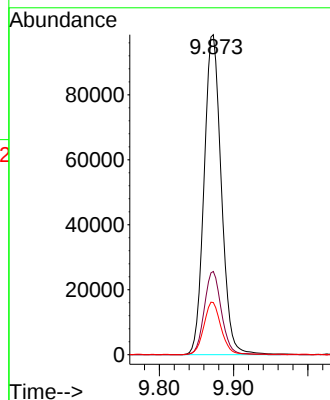
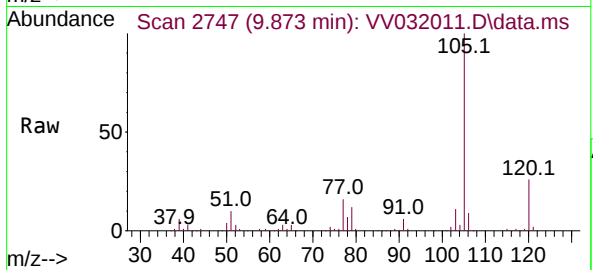




#60
Isopropylbenzene
Concen: 4.180 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

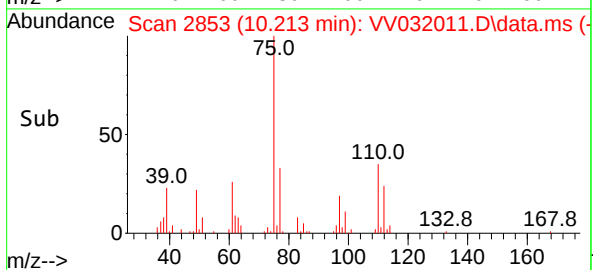
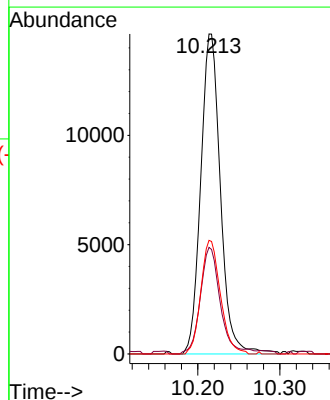
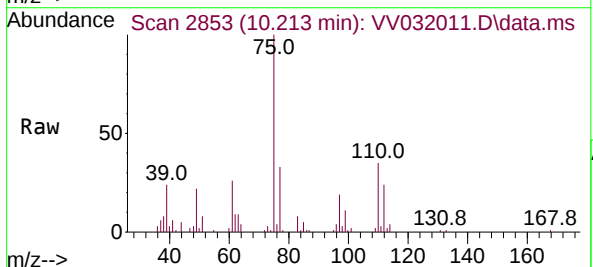
Instrument :
MSVOA_V
ClientSampleId :

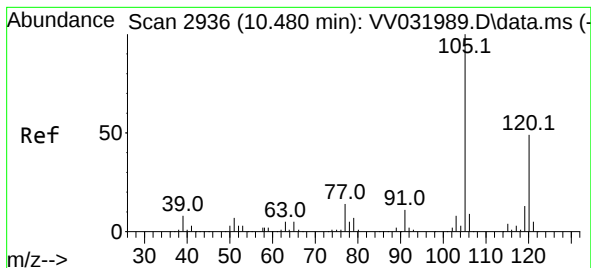
Tgt Ion:105 Resp: 158179
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 4.861 ug/L
RT: 10.213 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion: 75 Resp: 24376
Ion Ratio Lower Upper
75 100
77 33.7 28.8 43.2
110 35.2 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 4.040 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

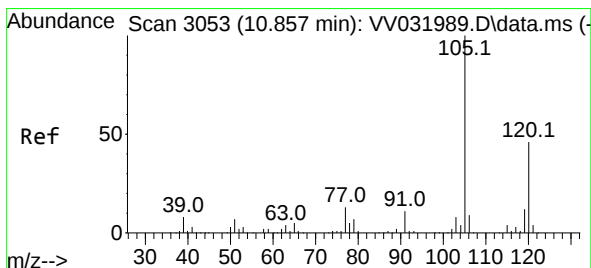
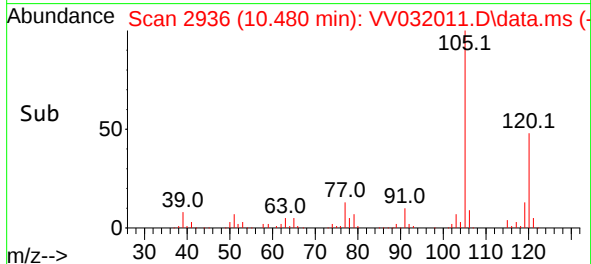
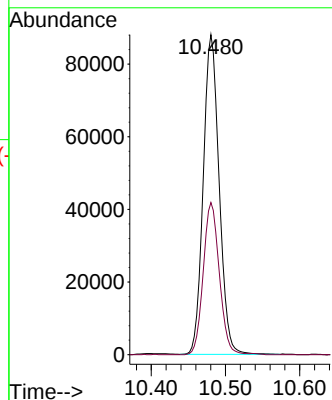
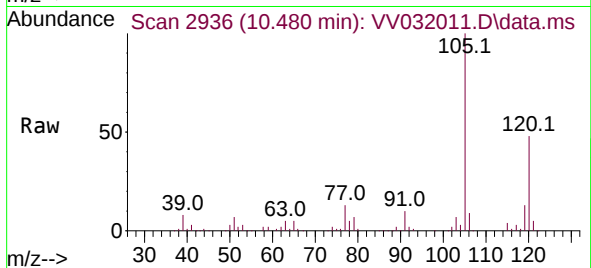
ClientSampleId :

Tgt Ion:105 Resp: 131067

Ion Ratio Lower Upper

105 100

120 48.2 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.095 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV032011.D

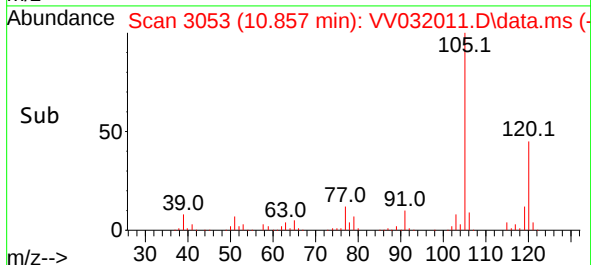
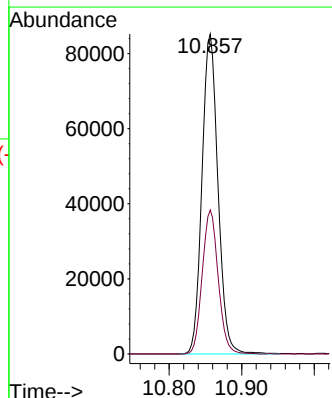
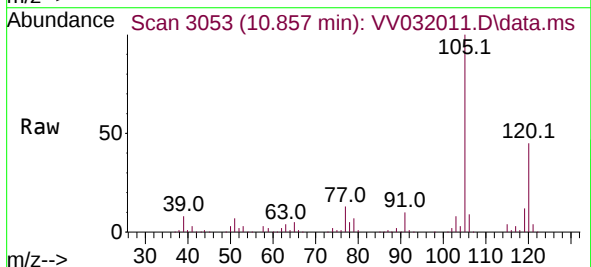
Acq: 09 Sep 2023 19:32

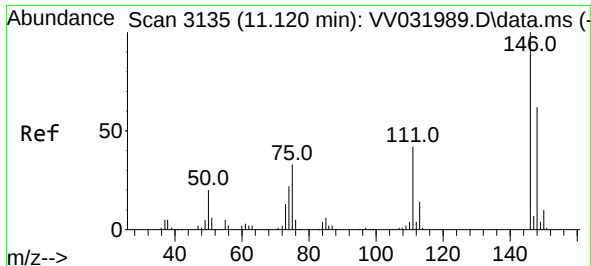
Tgt Ion:105 Resp: 130539

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8

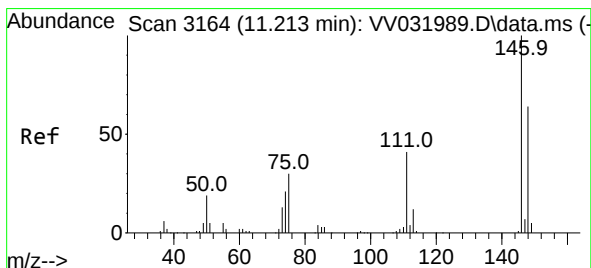
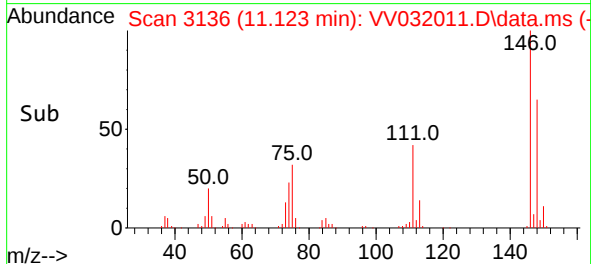
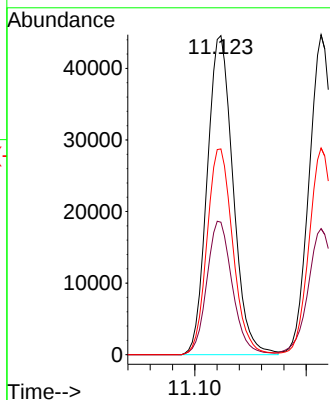
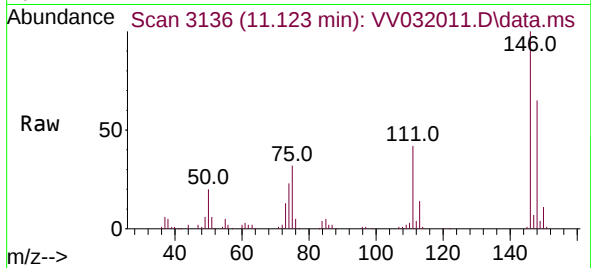




#64
1,3-Dichlorobenzene
Concen: 4.298 ug/L
RT: 11.123 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

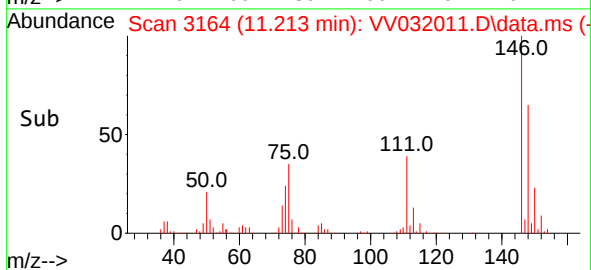
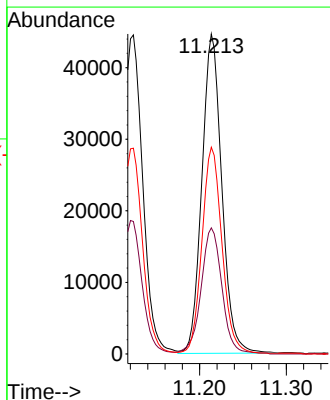
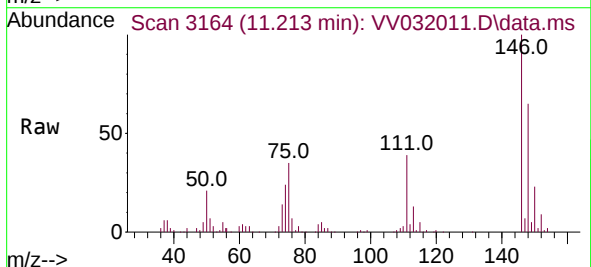
Instrument :
MSVOA_V
ClientSampleId :

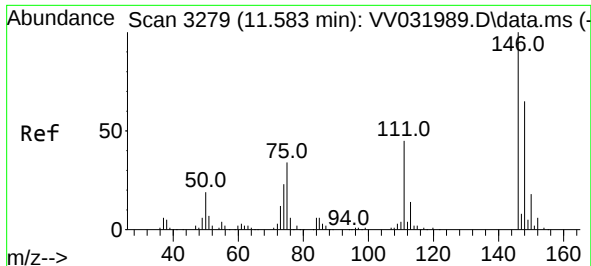
Tgt Ion:146 Resp: 72032
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.7
148 64.5 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 4.142 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion:146 Resp: 71308
Ion Ratio Lower Upper
146 100
111 39.4 29.2 54.2
148 64.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.419 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :

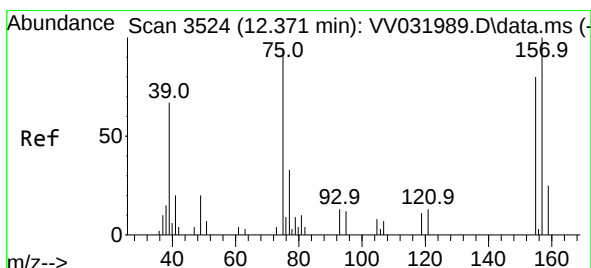
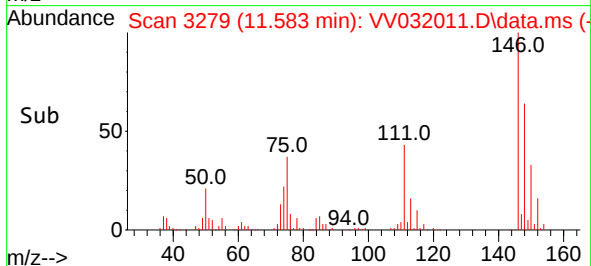
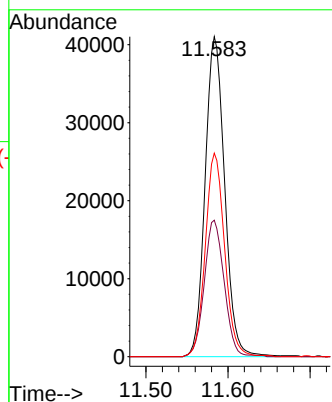
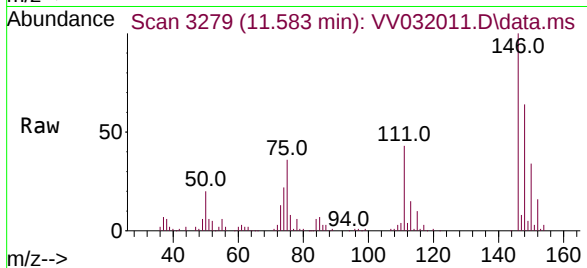
Tgt Ion:146 Resp: 67781

Ion Ratio Lower Upper

146 100

111 42.7 34.8 52.2

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.456 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

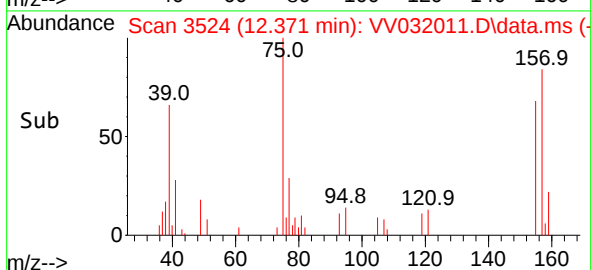
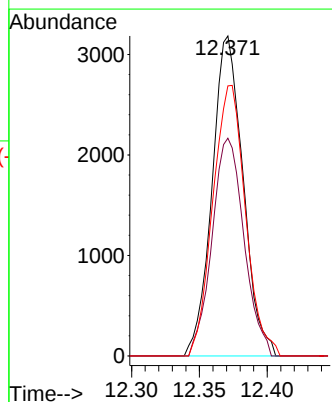
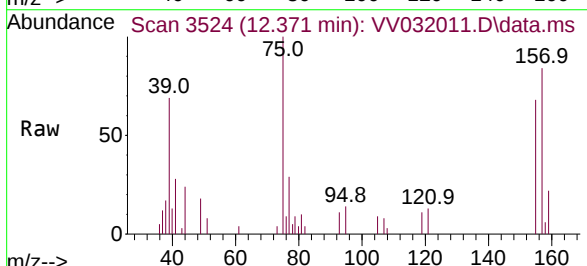
Tgt Ion: 75 Resp: 5061

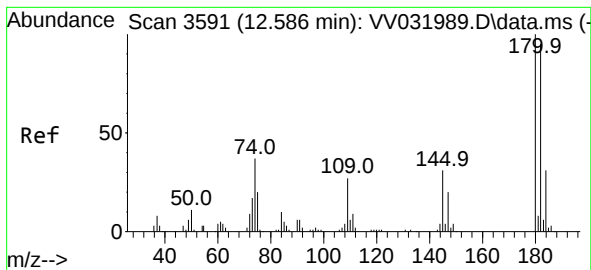
Ion Ratio Lower Upper

75 100

155 68.1 56.1 84.1

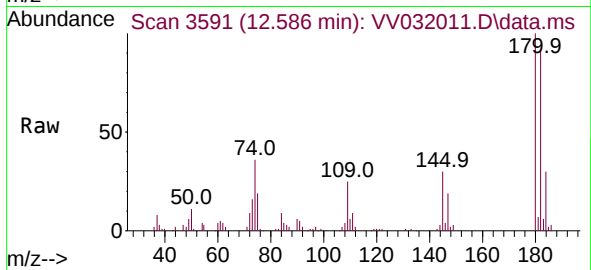
157 84.4 71.1 106.7



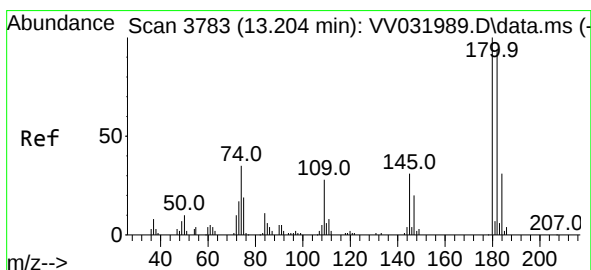
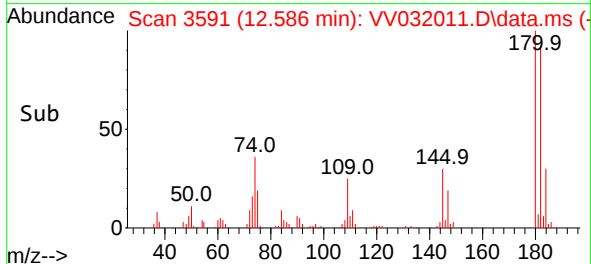
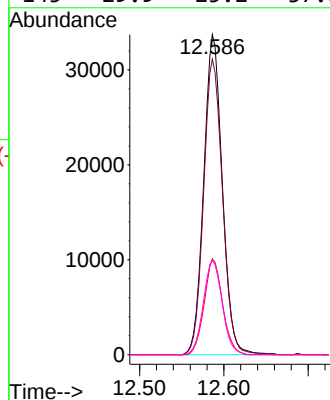


#69
1,3,5-Trichlorobenzene
Concen: 4.160 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Instrument :
MSVOA_V
ClientSampleId :

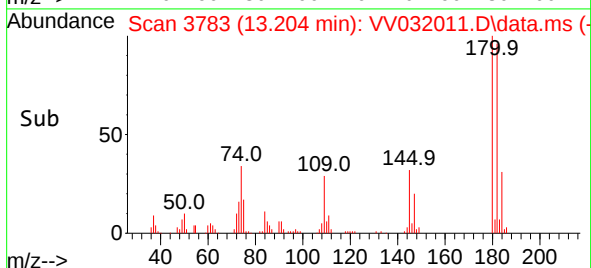
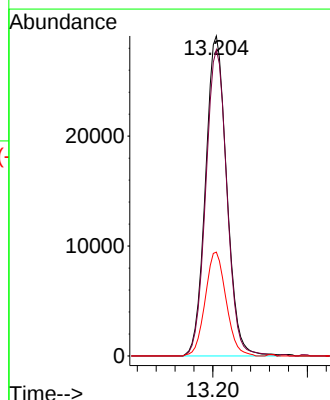
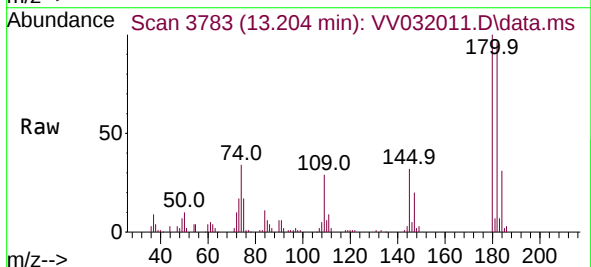


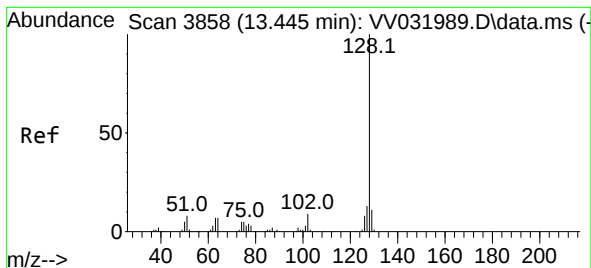
Tgt Ion:180 Resp: 51828
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
184 29.5 23.9 35.9
145 29.9 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 4.006 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV032011.D
Acq: 09 Sep 2023 19:32

Tgt Ion:180 Resp: 45500
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 31.9 26.6 39.8





#71

Naphthalene

Concen: 3.900 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Instrument :

MSVOA_V

ClientSampleId :

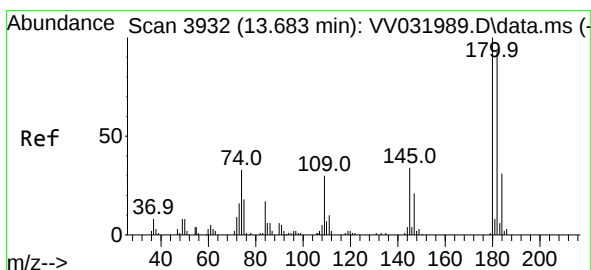
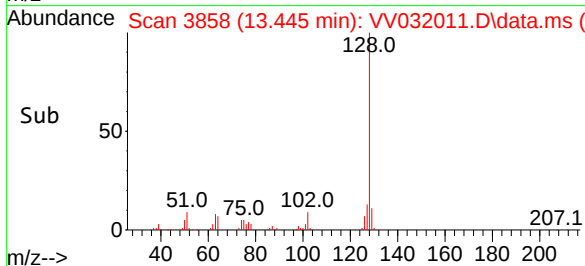
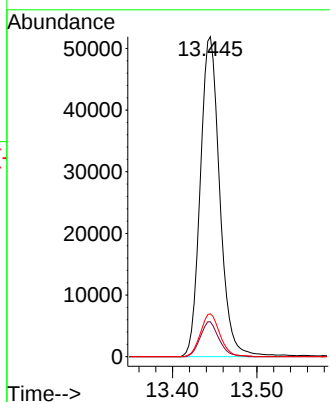
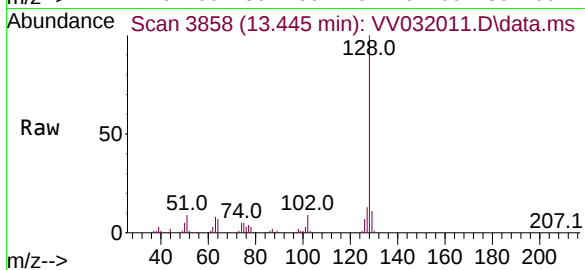
Tgt Ion:128 Resp: 83439

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 13.3 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.161 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032011.D

Acq: 09 Sep 2023 19:32

Tgt Ion:180 Resp: 39797

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 34.3 27.3 40.9

