

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
 Data File : VV032361.D
 Acq On : 10 Oct 2023 04:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 10 06:04:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	110569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46130	5.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.532	69	36669	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.060	65	17218	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.806	46	101718	44.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.440%
24) Chloroform-d	4.253	84	76265	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.947	65	35339	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.963	84	146047	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.992	67	45924	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.246	98	145535	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.558	79	17625	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.031	63	91482	47.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37385	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	52155	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62311	5.057	ug/L	99
3) Chloromethane	1.217	50	63228	5.090	ug/L	100
5) Vinyl chloride	1.282	62	61521	5.193	ug/L	99
6) Bromomethane	1.487	94	35456	4.954	ug/L	97
8) Chloroethane	1.552	64	38067	5.337	ug/L	99
9) Trichlorofluoromethane	1.716	101	72401	5.096	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44450	5.163	ug/L	98
12) 1,1-Dichloroethene	2.069	96	40523	4.997	ug/L	98
13) Acetone	2.134	43	77670	44.300	ug/L	96
14) Carbon disulfide	2.243	76	126715	4.470	ug/L	98
15) Methyl Acetate	2.384	43	18733	4.746	ug/L	93
16) Methylene chloride	2.449	84	52322	4.949	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	104498	4.733	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	44307	4.770	ug/L	99
19) 1,1-Dichloroethane	3.114	63	85028	4.866	ug/L	98
21) 2-Butanone	3.886	43	120222	43.848	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	48481	4.848	ug/L	97
23) Bromochloromethane	4.153	128	21327	5.069	ug/L	97
25) Chloroform	4.281	83	86839	5.065	ug/L	99

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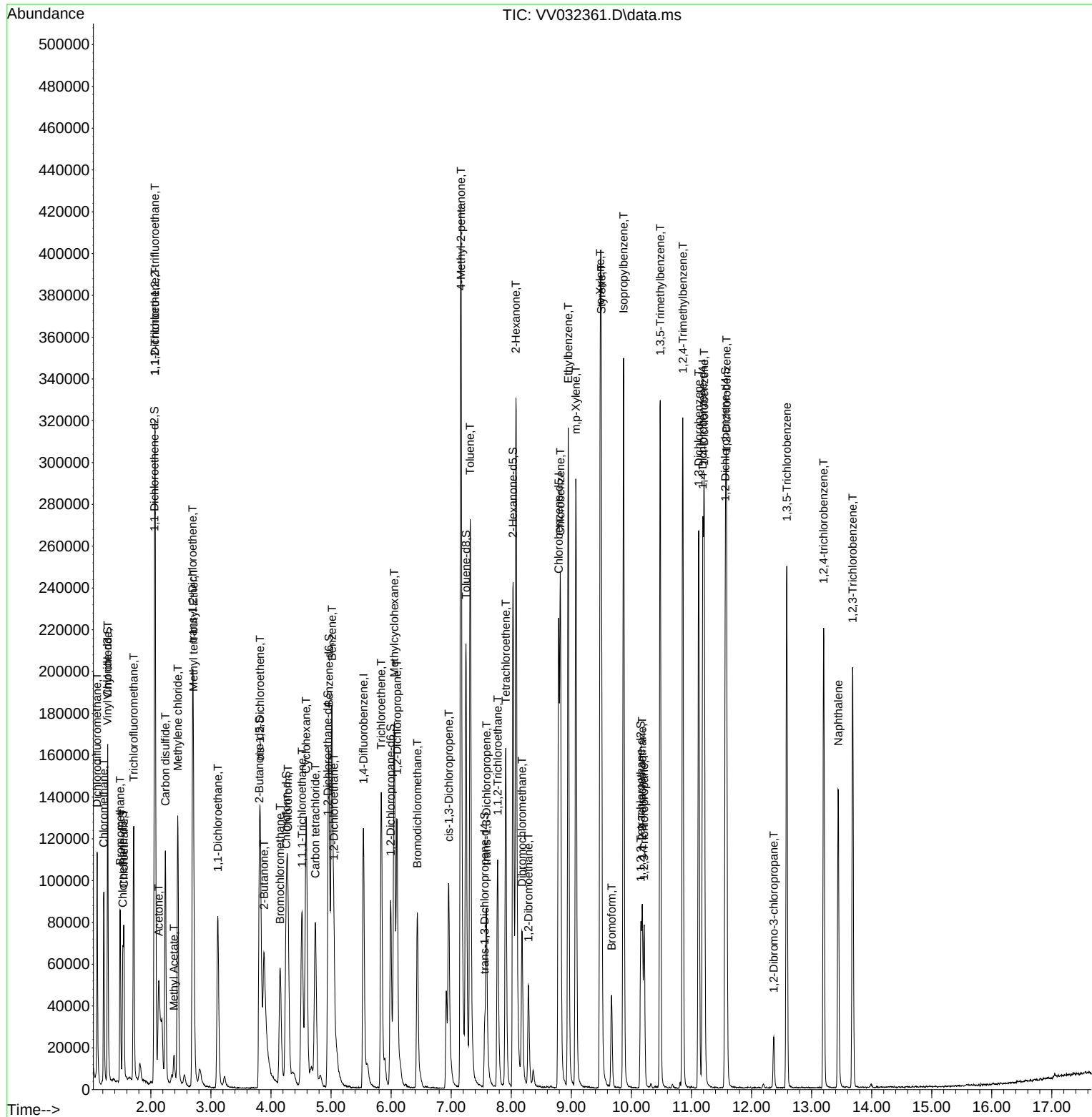
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	50955	5.031	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	71895	4.445	ug/L	99
30) Cyclohexane	4.584	56	70669	3.976	ug/L	99
31) Carbon tetrachloride	4.738	117	60927	4.452	ug/L	97
33) Benzene	5.015	78	181818	4.341	ug/L	100
34) Trichloroethene	5.834	95	51320	4.488	ug/L	97
35) Methylcyclohexane	6.053	83	75266	4.253	ug/L	95
37) 1,2-Dichloropropane	6.098	63	53881	4.810	ug/L	98
38) Bromodichloromethane	6.436	83	63490	4.770	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	67440	4.230	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	322291	45.464	ug/L	100
42) Toluene	7.317	91	209217	4.685	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	54006	4.122	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	36528	4.623	ug/L	98
47) Tetrachloroethene	7.908	164	38488	4.438	ug/L	97
48) 2-Hexanone	8.079	43	226779	45.341	ug/L	99
49) Dibromochloromethane	8.178	129	39230	4.768	ug/L	95
50) 1,2-Dibromoethane	8.288	107	34268	4.585	ug/L	96
51) Chlorobenzene	8.818	112	132036	4.593	ug/L	99
52) Ethylbenzene	8.950	91	224574	4.517	ug/L	99
53) m,p-Xylene	9.075	106	83946	4.552	ug/L	96
54) o-Xylene	9.481	106	79865	4.495	ug/L	100
55) Styrene	9.500	104	141735	4.723	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	41429	4.765	ug/L	95
59) Bromoform	9.670	173	20297	4.511	ug/L	98
60) Isopropylbenzene	9.870	105	221937	4.615	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29421	4.467	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	172276	4.395	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	174144	4.463	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	106538	4.637	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	106076	4.602	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	97426	4.650	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	6185	4.596	ug/L	92
69) 1,3,5-Trichlorobenzene	12.587	180	73829	4.388	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	63861	4.279	ug/L	100
71) Naphthalene	13.445	128	110783	4.370	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	59563	4.632	ug/L	99

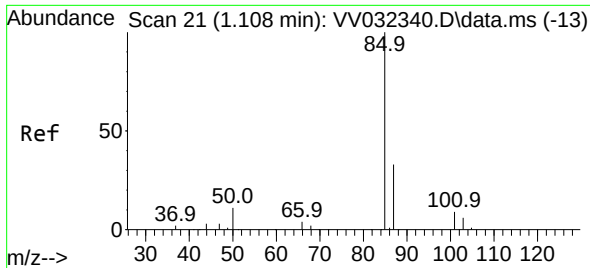
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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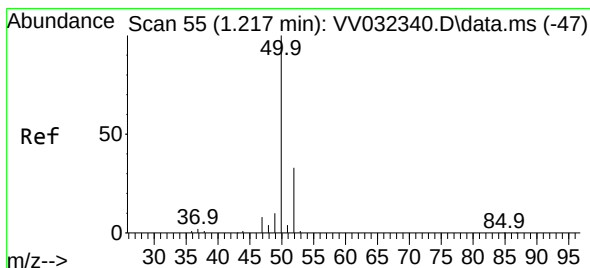
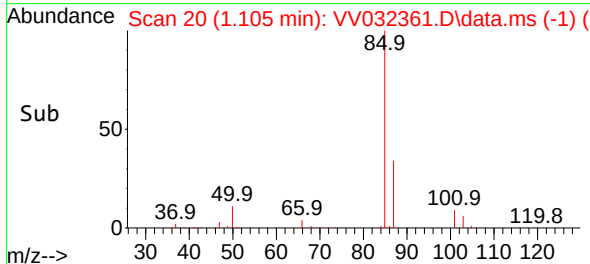
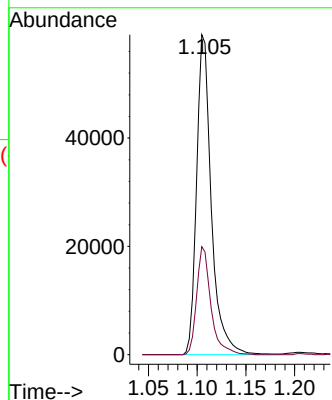
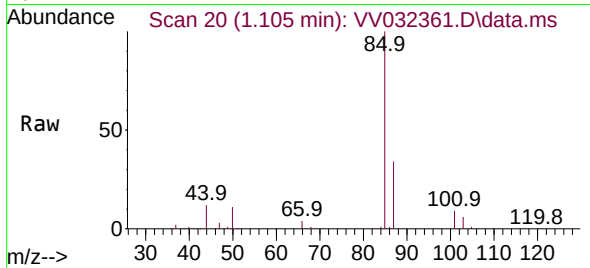




#2
Dichlorodifluoromethane
Concen: 5.057 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

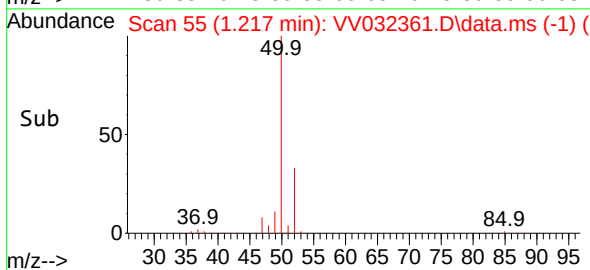
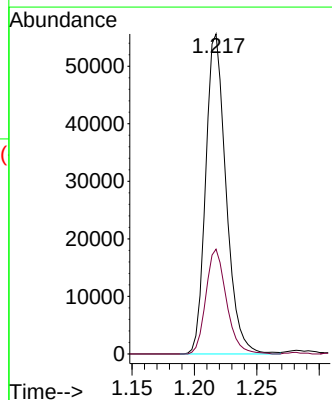
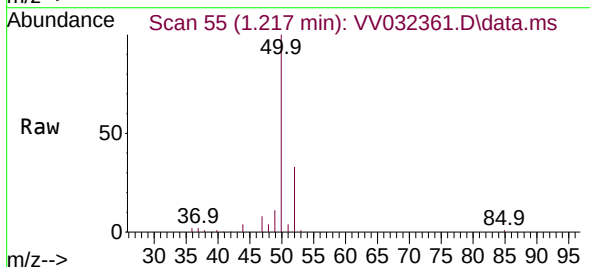
Instrument :
MSVOA_V
ClientSampleId :

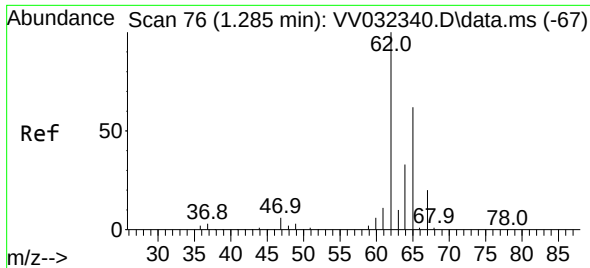
Tgt Ion: 85 Resp: 62311
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 5.090 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 50 Resp: 63228
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.6

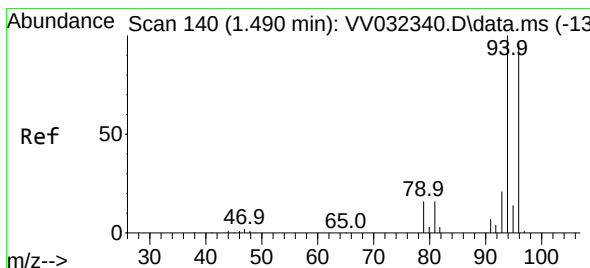
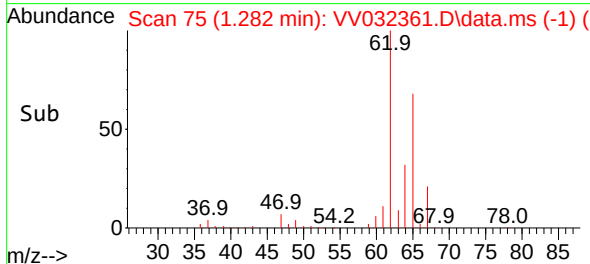
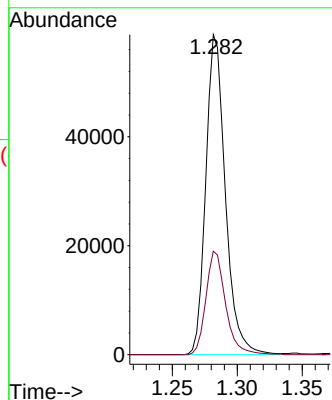
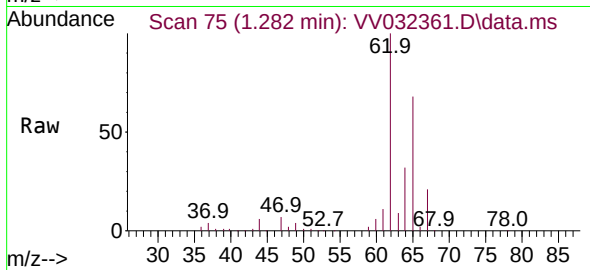




#5
 Vinyl chloride
 Concen: 5.193 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

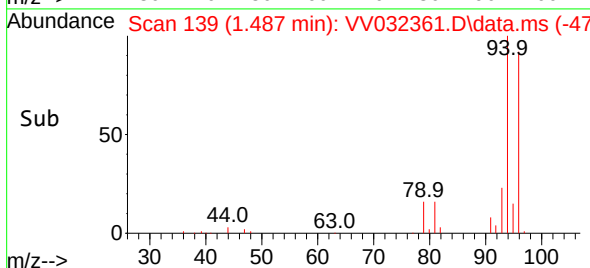
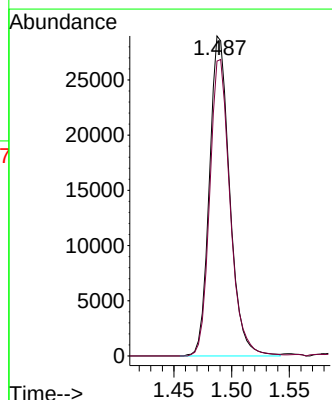
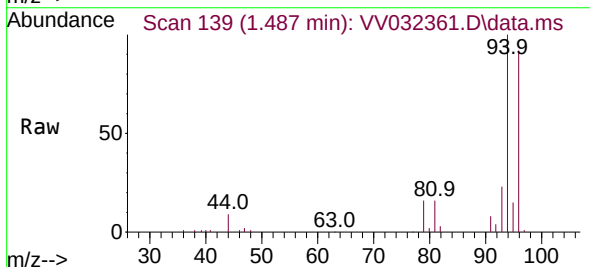
Instrument :
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 ClientSampleId :

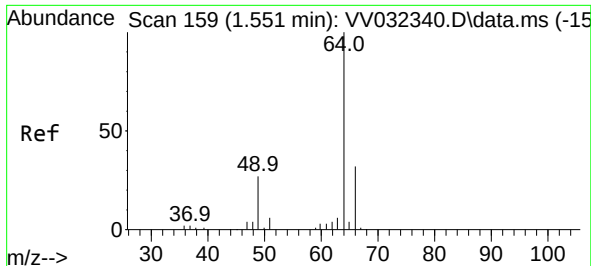
Tgt Ion: 62 Resp: 61521
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 4.954 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

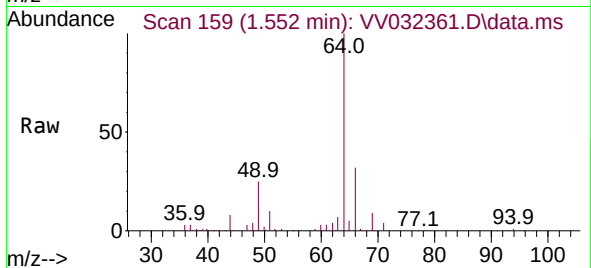
Tgt Ion: 94 Resp: 35456
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.8 124.2



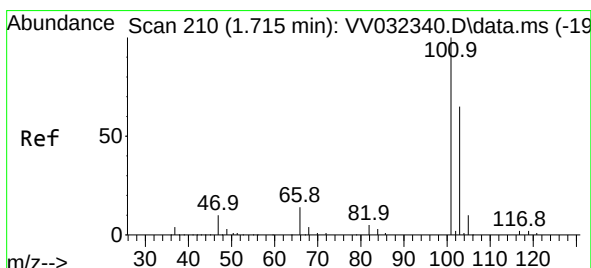
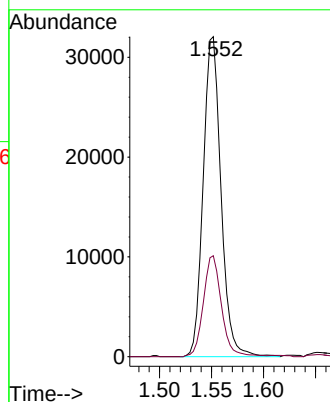
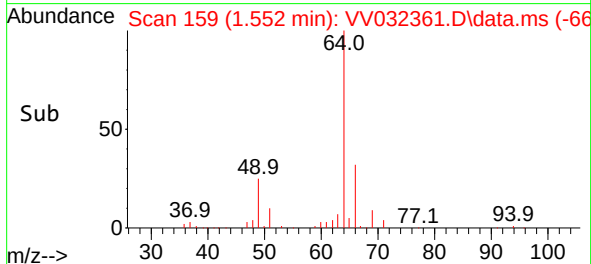


#8
Chloroethane
Concen: 5.337 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Instrument :
MSVOA_V
ClientSampleId :

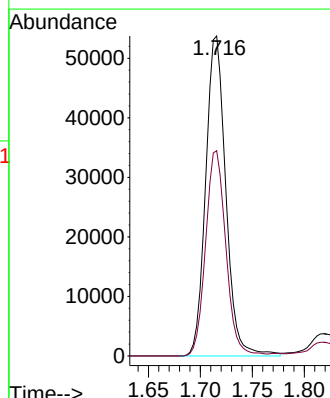
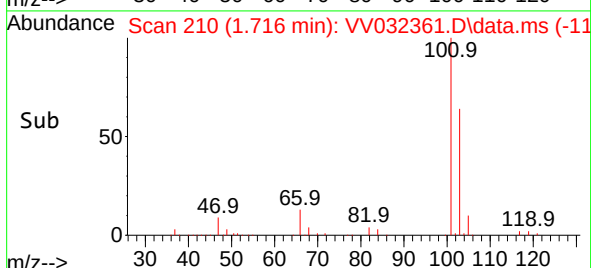
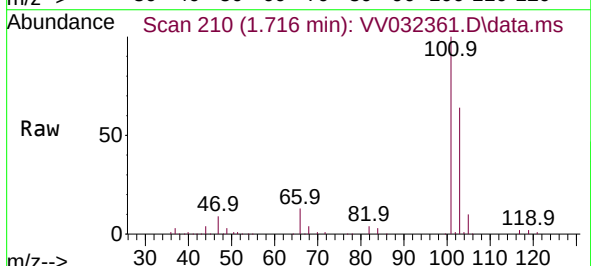


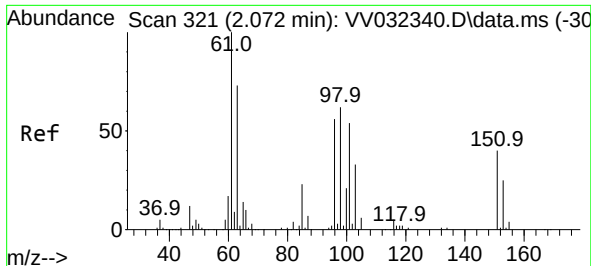
Tgt Ion: 64 Resp: 38067
Ion Ratio Lower Upper
64 100
66 31.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.096 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion:101 Resp: 72401
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

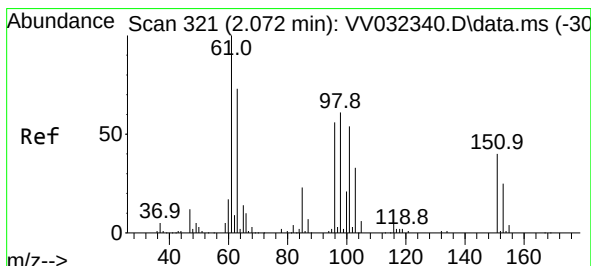
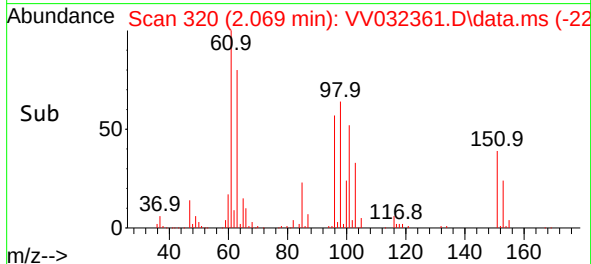
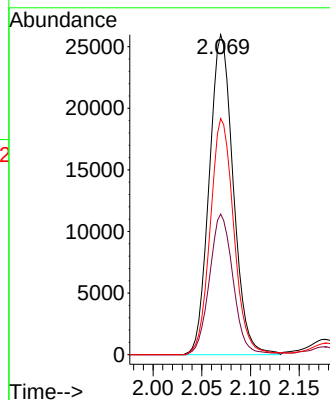
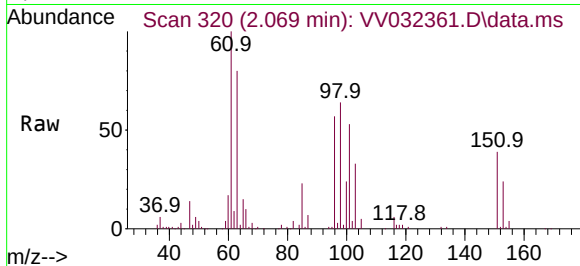




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.163 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

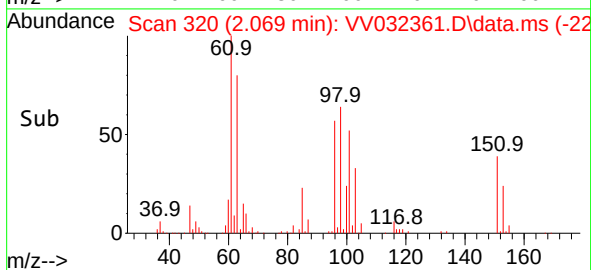
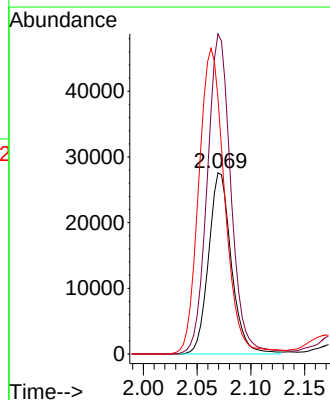
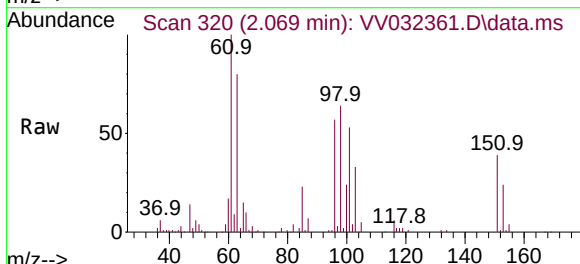
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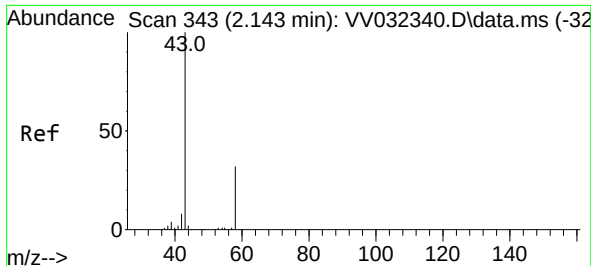
Tgt Ion:101 Resp: 44450
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.0 52.6
 151 72.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.997 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

Tgt Ion: 96 Resp: 40523
 Ion Ratio Lower Upper
 96 100
 61 176.7 127.3 236.3
 63 141.3 98.3 182.7





#13

Acetone

Concen: 44.300 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.009 min MSVOA_V

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

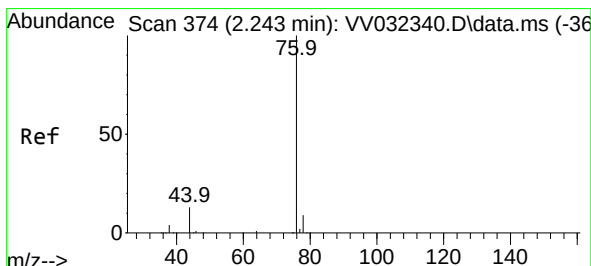
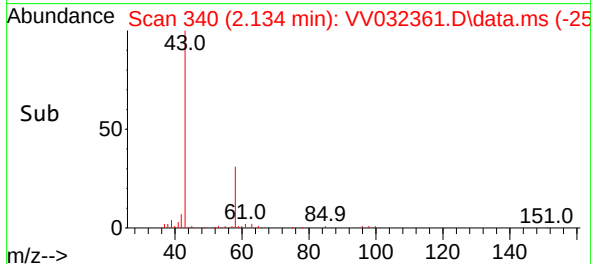
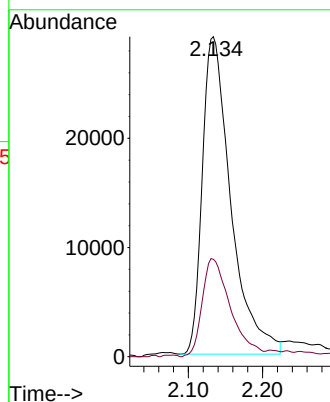
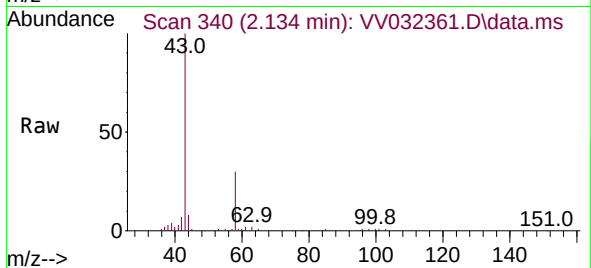
ClientSampleId :

Tgt Ion: 43 Resp: 77670

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.0



#14

Carbon disulfide

Concen: 4.470 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

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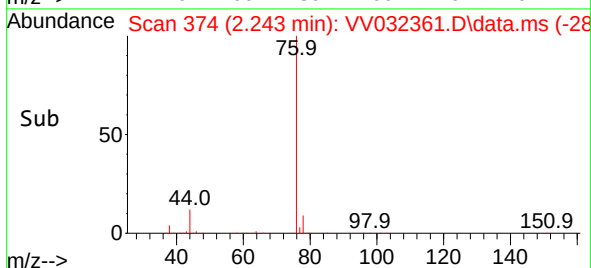
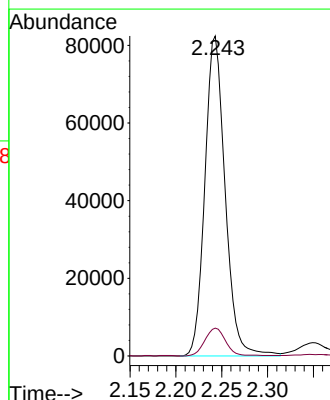
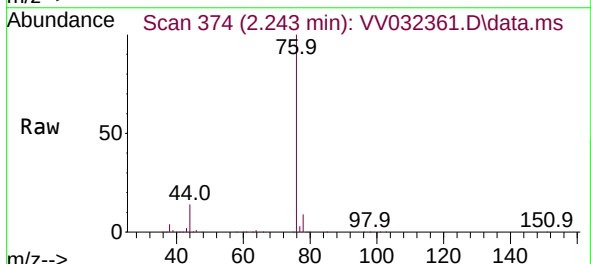
Acq: 10 Oct 2023 04:43

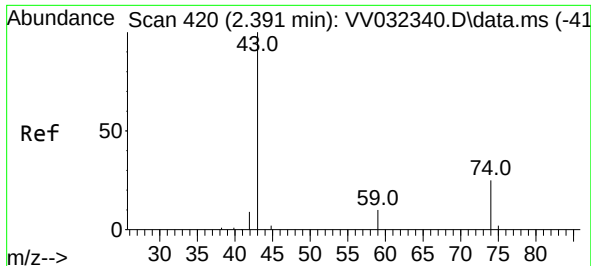
Tgt Ion: 76 Resp: 126715

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

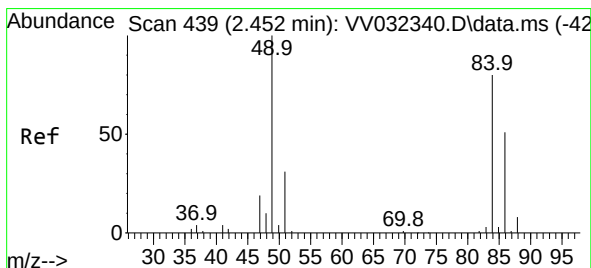
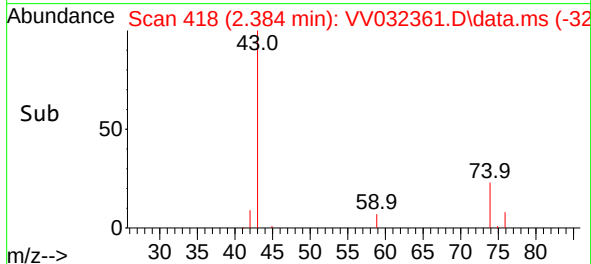
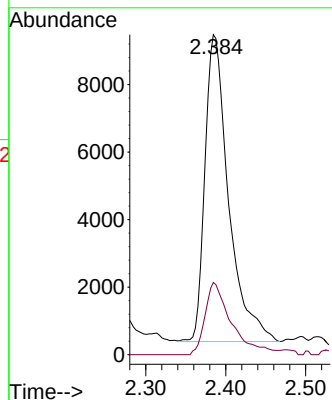
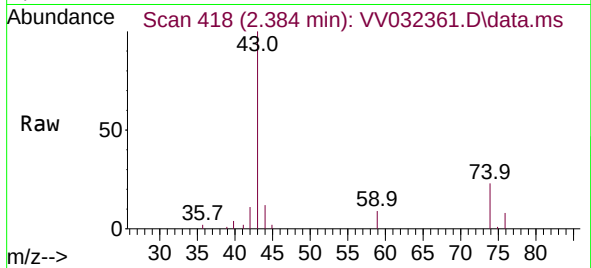




#15
Methyl Acetate
Concen: 4.746 ug/L
RT: 2.384 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

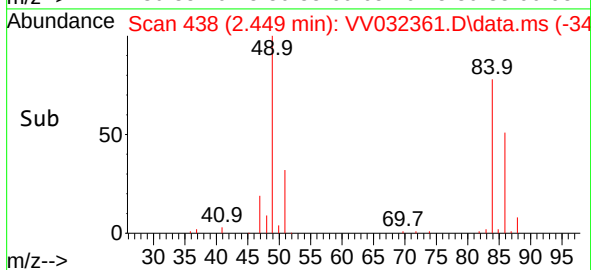
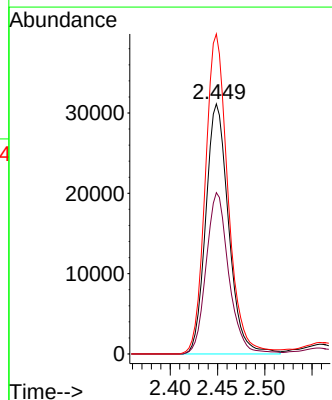
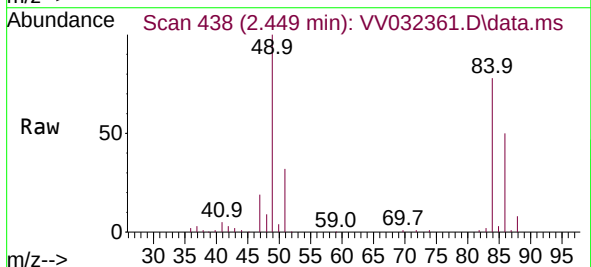
Instrument :
MSVOA_V
ClientSampleId :

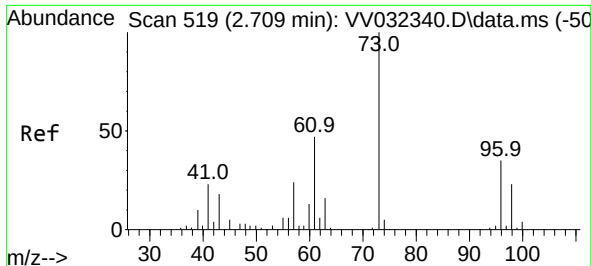
Tgt Ion: 43 Resp: 18733
Ion Ratio Lower Upper
43 100
74 26.1 18.0 27.0



#16
Methylene chloride
Concen: 4.949 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 84 Resp: 52322
Ion Ratio Lower Upper
84 100
86 64.5 43.2 80.2
49 127.9 86.3 160.3





#17

Methyl tert-butyl Ether

Concen: 4.733 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

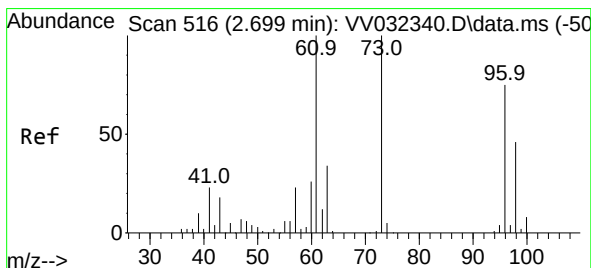
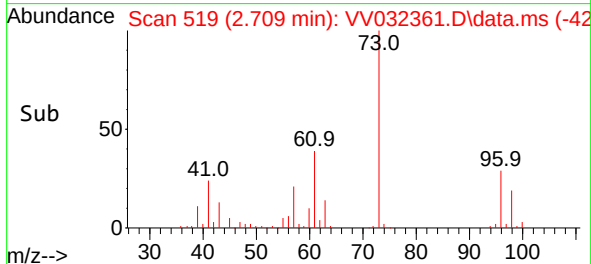
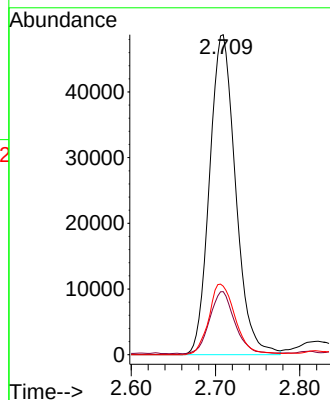
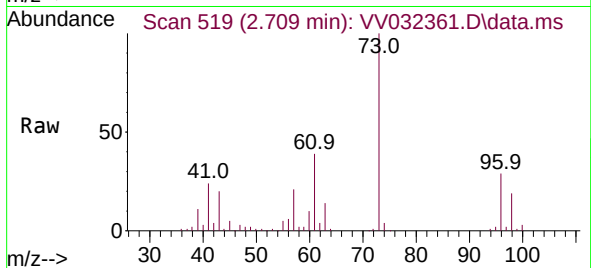
Tgt Ion: 73 Resp: 104498

Ion Ratio Lower Upper

73 100

43 18.6 15.1 22.7

57 22.4 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.770 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

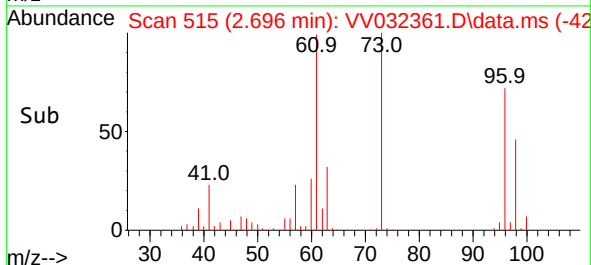
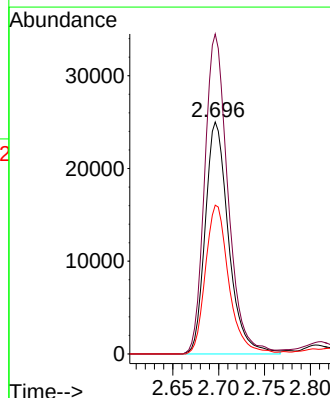
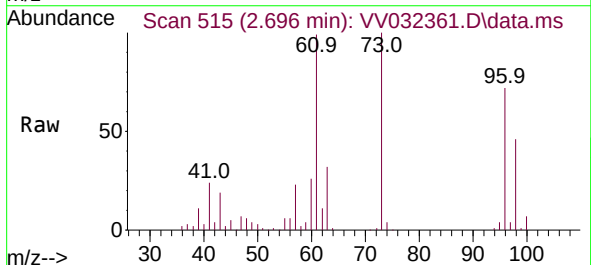
Tgt Ion: 96 Resp: 44307

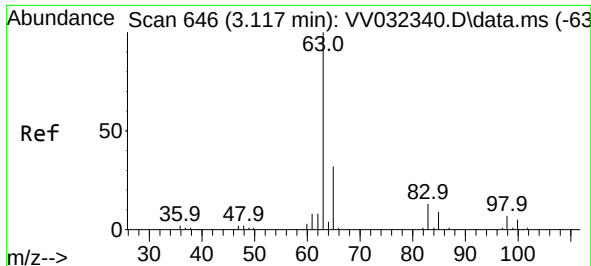
Ion Ratio Lower Upper

96 100

61 137.9 96.9 180.1

98 64.2 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.866 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

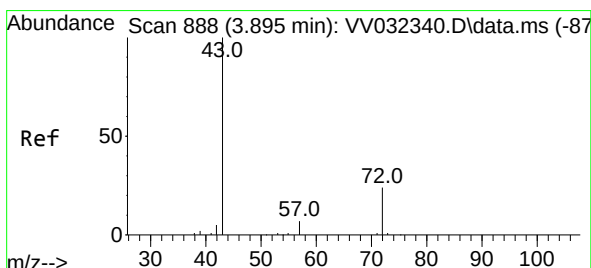
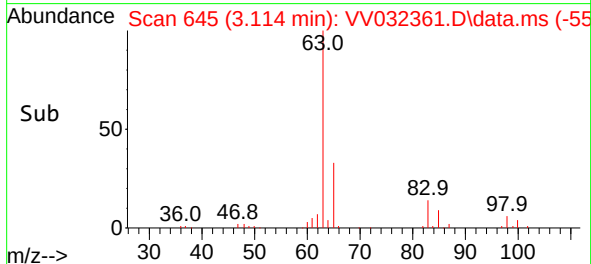
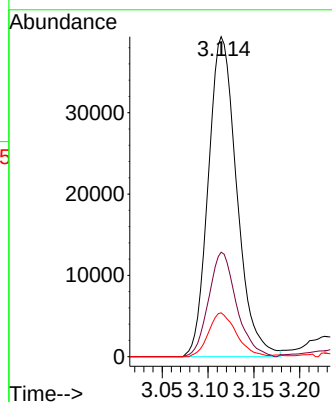
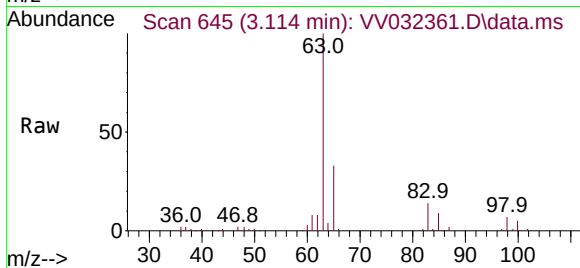
Tgt Ion: 63 Resp: 85028

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 43.848 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.009 min

Lab File: VV032361.D

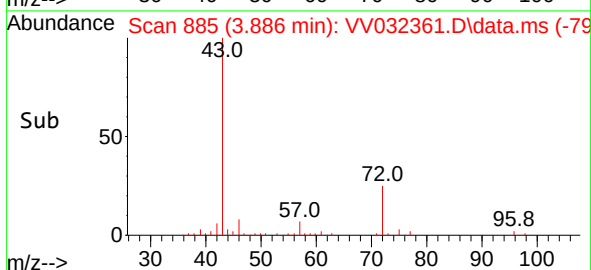
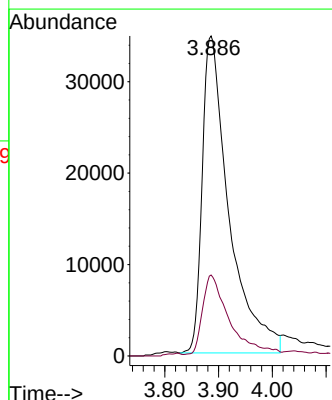
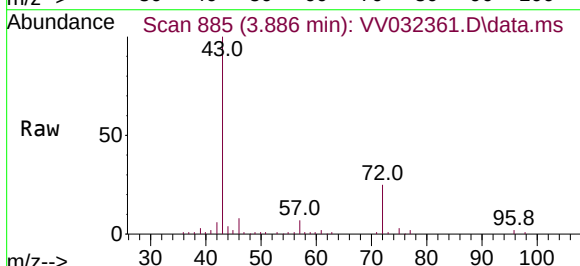
Acq: 10 Oct 2023 04:43

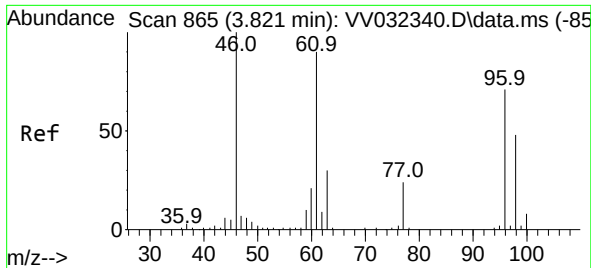
Tgt Ion: 43 Resp: 120222

Ion Ratio Lower Upper

43 100

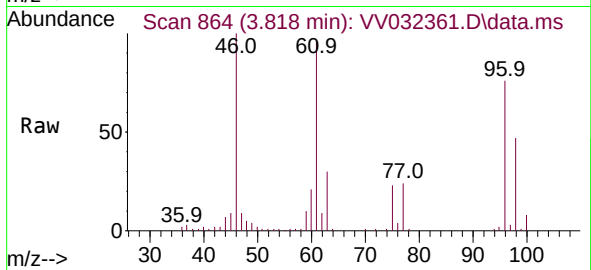
72 24.9 11.6 34.8





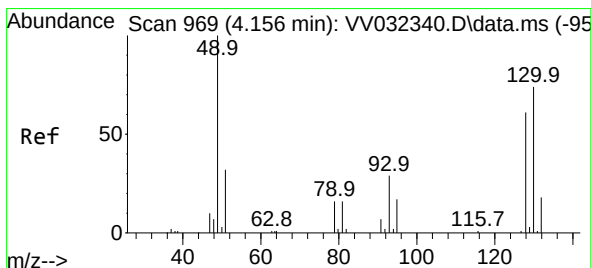
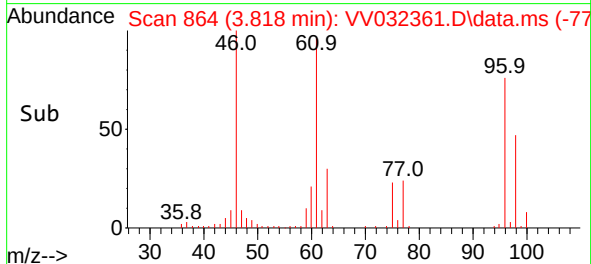
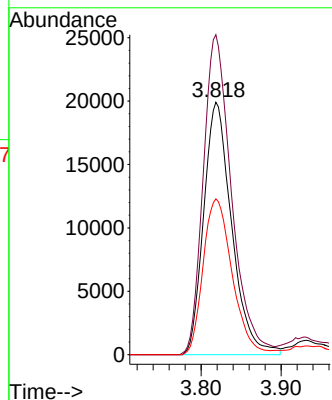
#22
 cis-1,2-Dichloroethene
 Concen: 4.848 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 48481

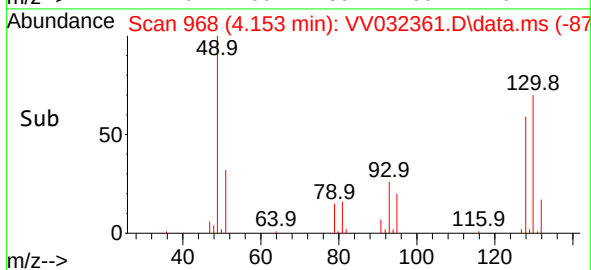
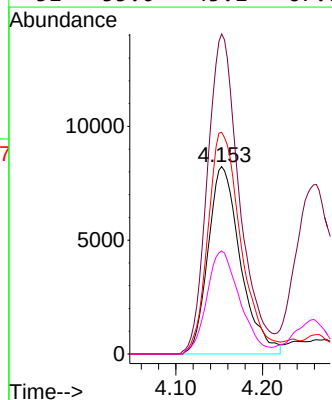
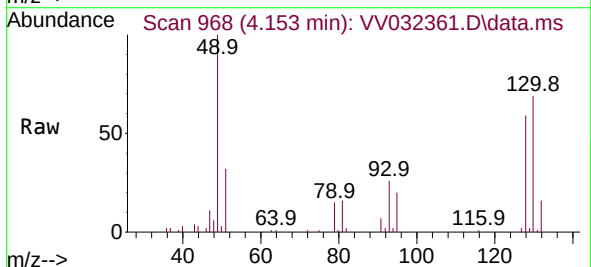
Ion	Ratio	Lower	Upper
96	100		
61	126.8	85.8	159.4
98	61.7	44.0	81.6

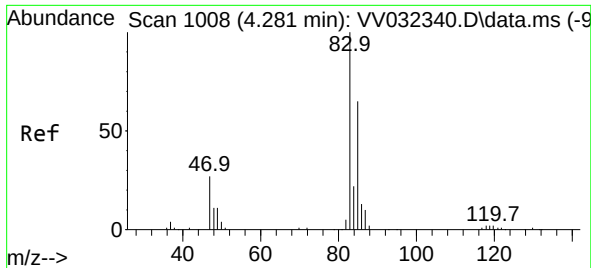


#23
 Bromochloromethane
 Concen: 5.069 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

Tgt Ion: 128 Resp: 21327

Ion	Ratio	Lower	Upper
128	100		
49	170.8	121.2	225.0
130	118.3	88.2	163.8
51	55.0	45.1	67.7

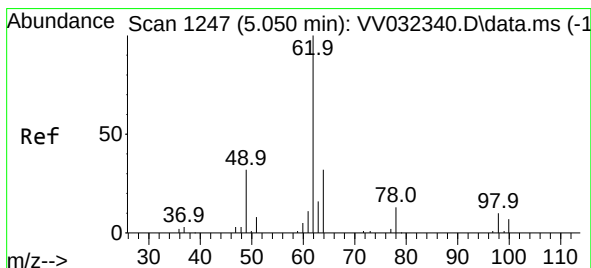
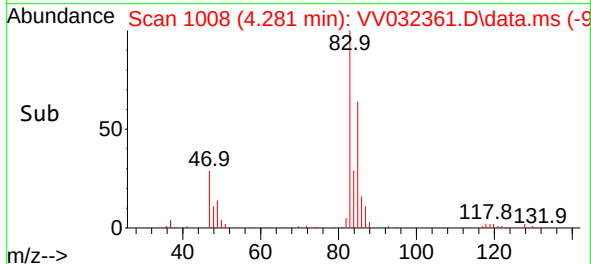
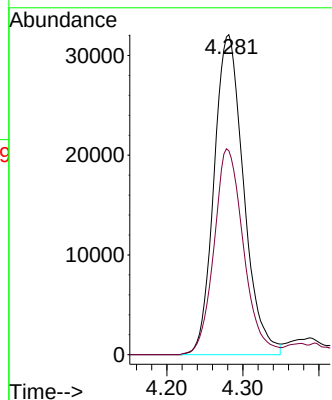
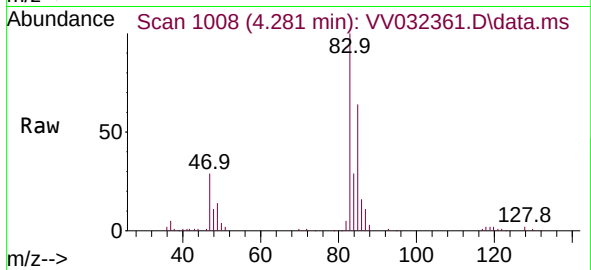




#25
Chloroform
Concen: 5.065 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

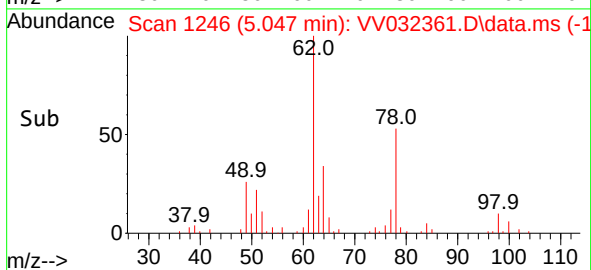
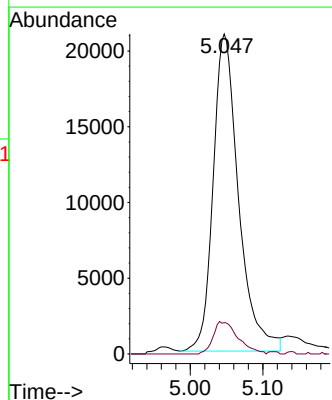
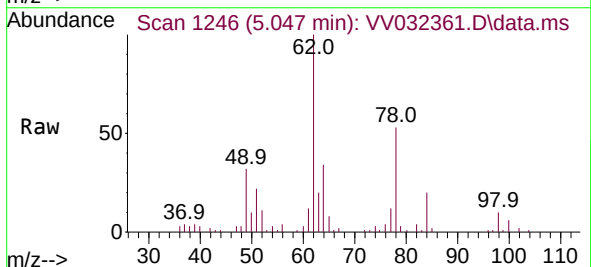
Instrument :
MSVOA_V
ClientSampleId :

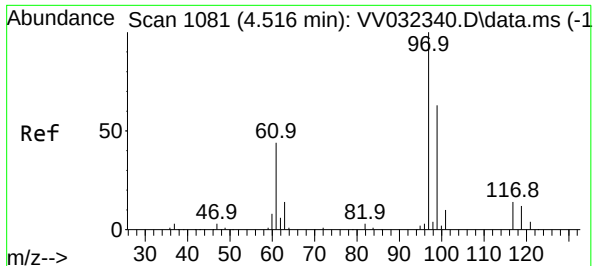
Tgt Ion: 83 Resp: 86839
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.031 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 62 Resp: 50955
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.445 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

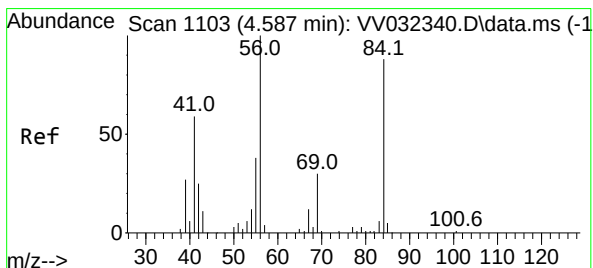
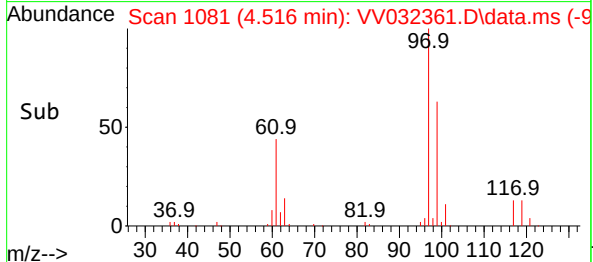
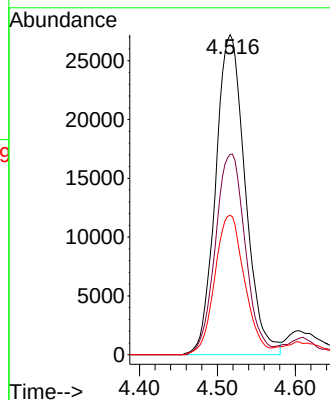
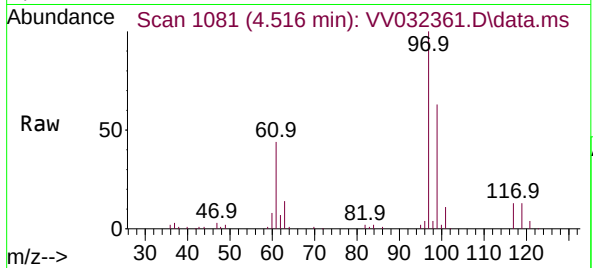
Tgt Ion: 97 Resp: 71895

Ion Ratio Lower Upper

97 100

99 63.5 50.1 75.1

61 43.8 35.1 52.7



#30

Cyclohexane

Concen: 3.976 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

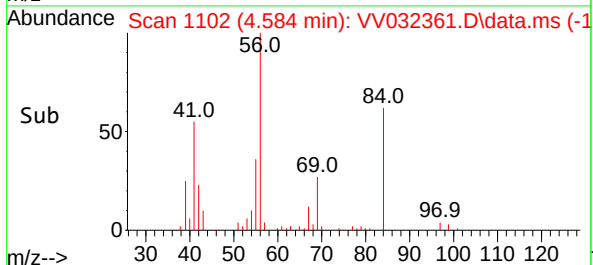
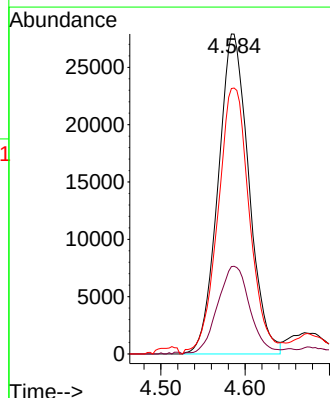
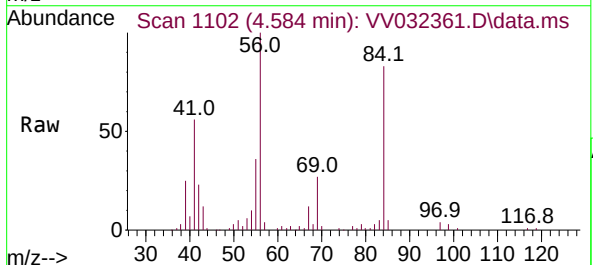
Tgt Ion: 56 Resp: 70669

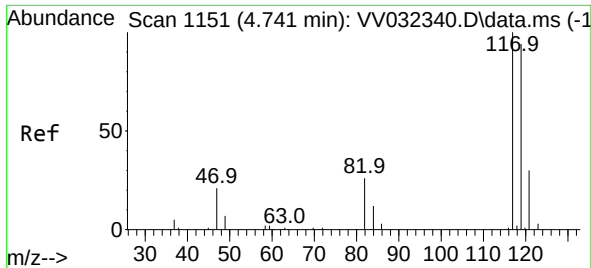
Ion Ratio Lower Upper

56 100

69 28.8 24.2 36.2

84 85.8 68.1 102.1

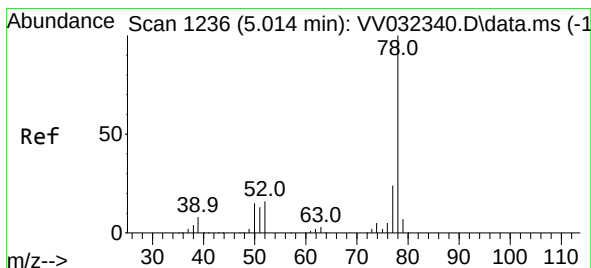
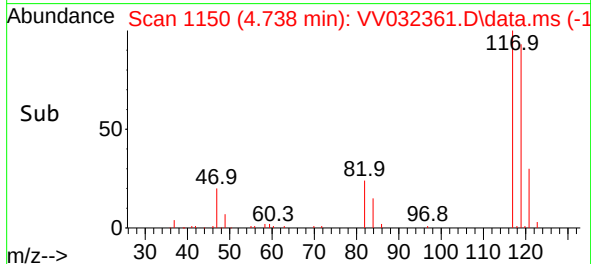
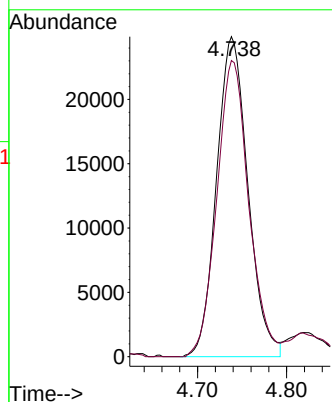
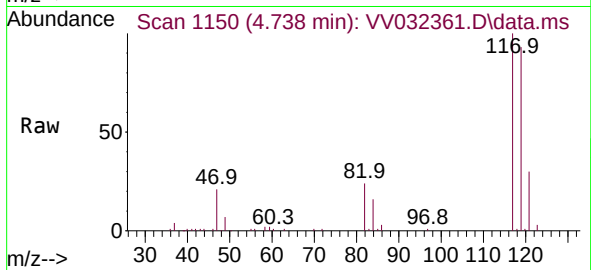




#31
Carbon tetrachloride
Concen: 4.452 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

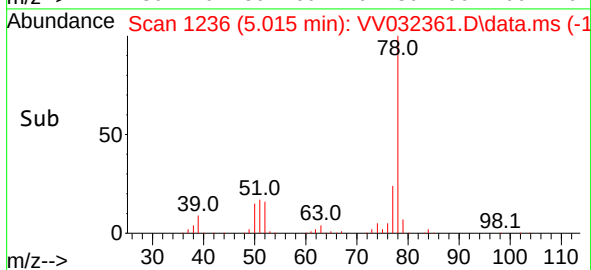
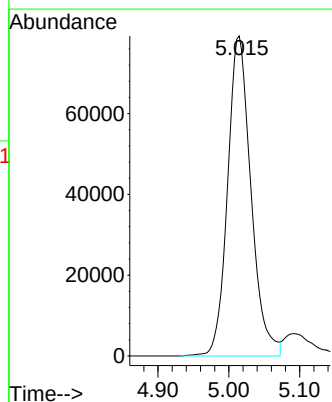
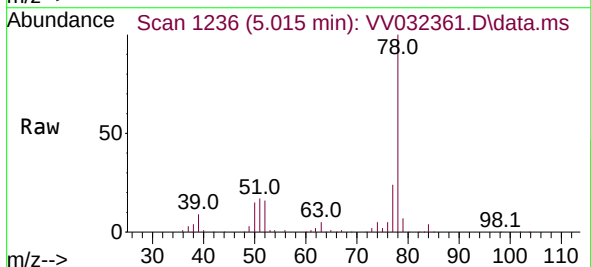
Instrument :
MSVOA_V
ClientSampleId :

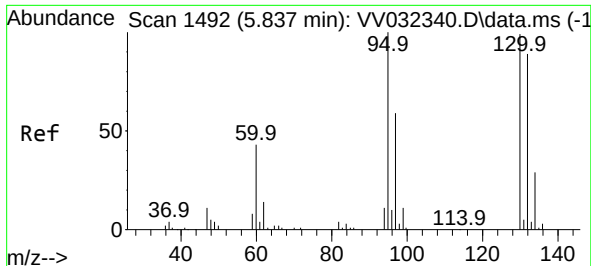
Tgt Ion:117 Resp: 60927
Ion Ratio Lower Upper
117 100
119 94.3 77.6 116.4



#33
Benzene
Concen: 4.341 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 78 Resp: 181818

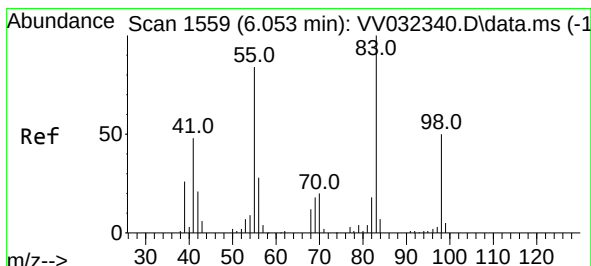
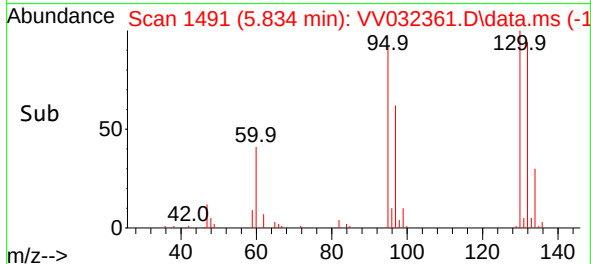
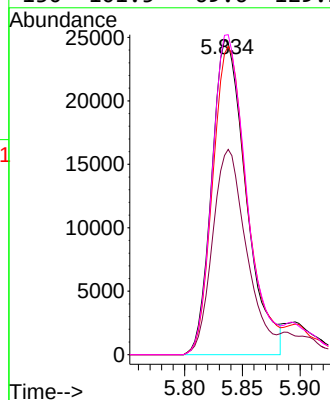
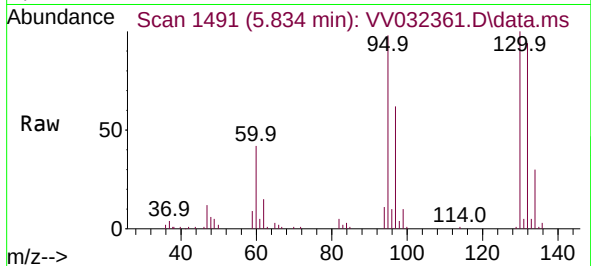




#34
Trichloroethene
Concen: 4.488 ug/L
RT: 5.834 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

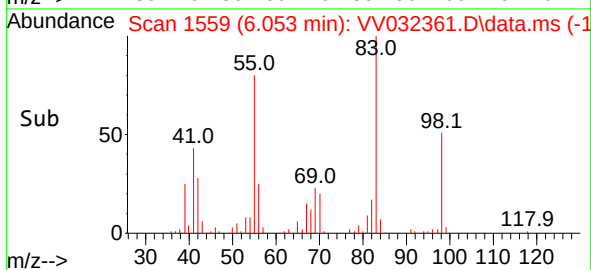
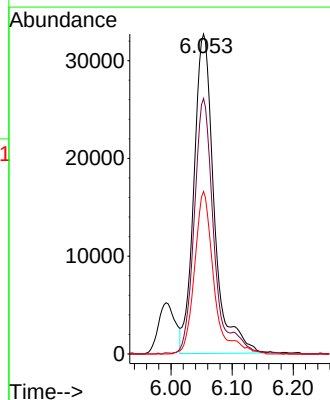
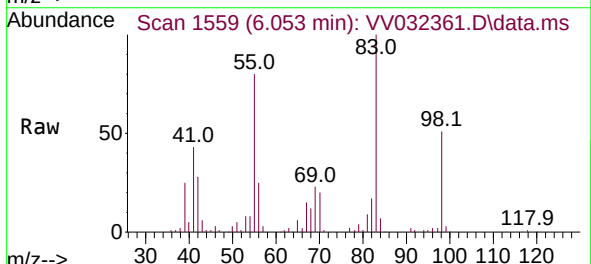
Instrument :
MSVOA_V
ClientSampleId :

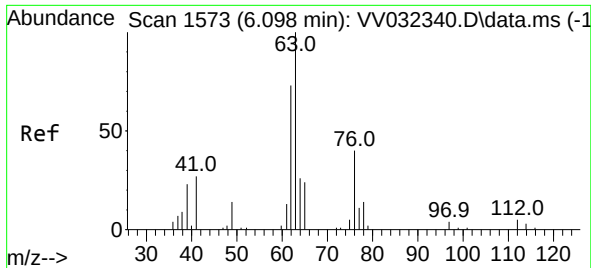
Tgt Ion: 95 Resp: 51320
Ion Ratio Lower Upper
95 100
97 63.3 45.7 84.9
132 95.7 70.3 130.5
130 101.5 69.6 129.2



#35
Methylcyclohexane
Concen: 4.253 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 83 Resp: 75266
Ion Ratio Lower Upper
83 100
55 73.5 64.2 96.2
98 48.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.810 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

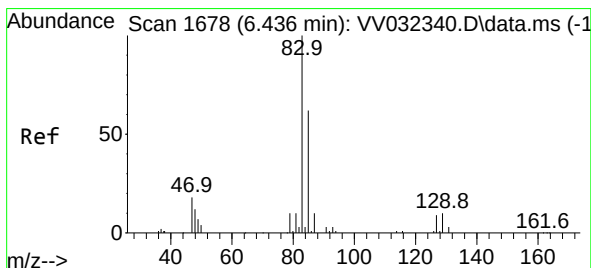
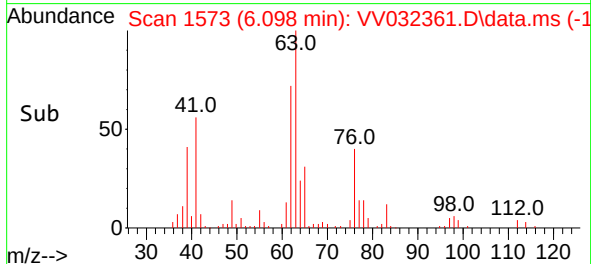
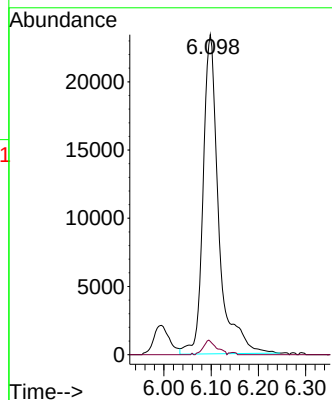
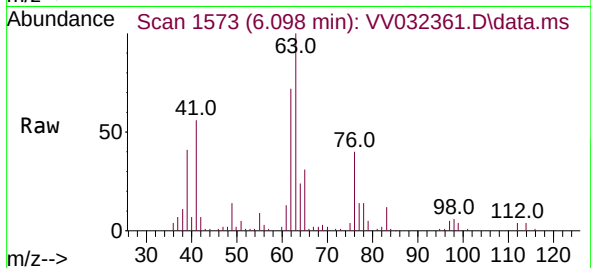
ClientSampleId :

Tgt Ion: 63 Resp: 53881

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.2



#38

Bromodichloromethane

Concen: 4.770 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

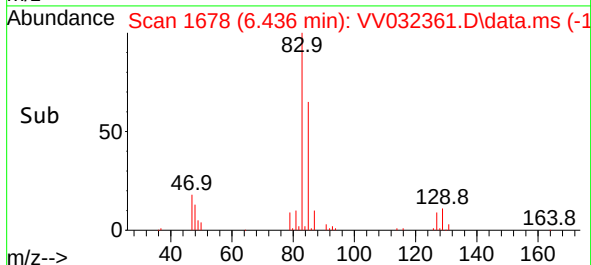
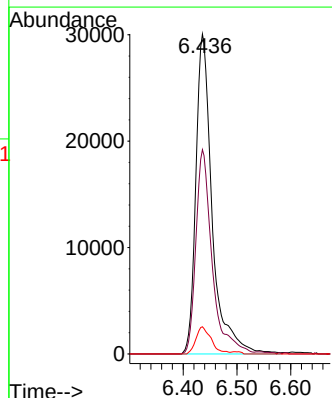
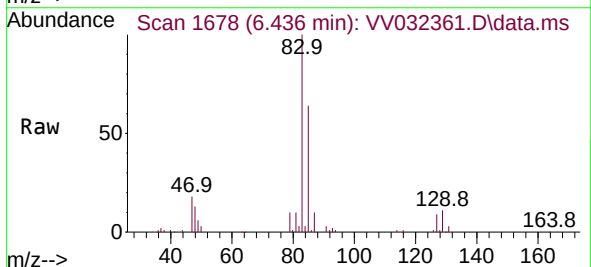
Tgt Ion: 83 Resp: 63490

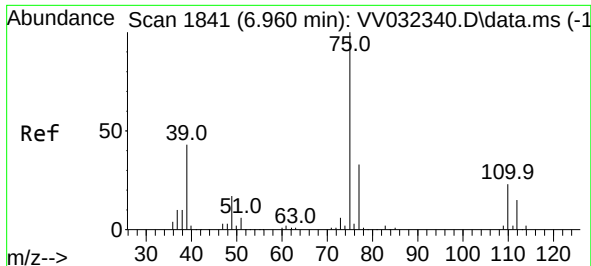
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

127 8.5 6.9 10.3

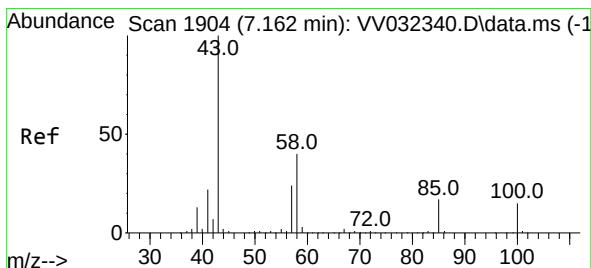
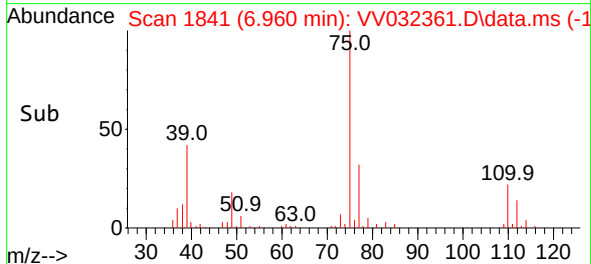
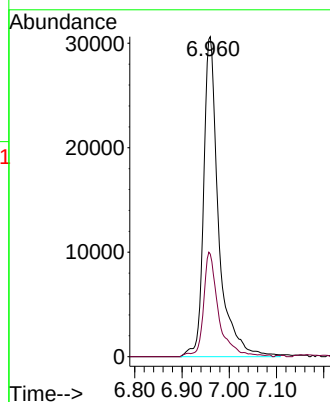
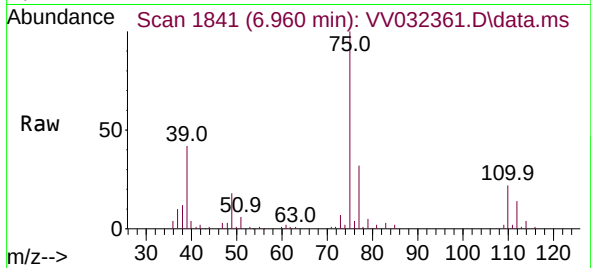




#39
 cis-1,3-Dichloropropene
 Concen: 4.230 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

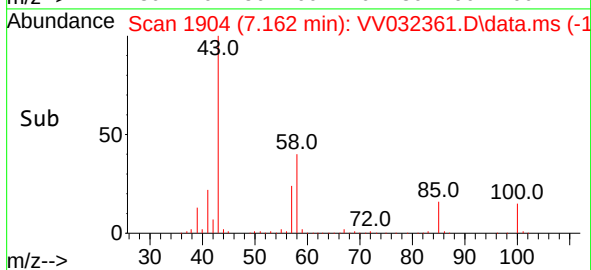
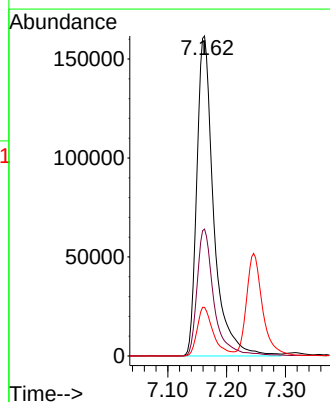
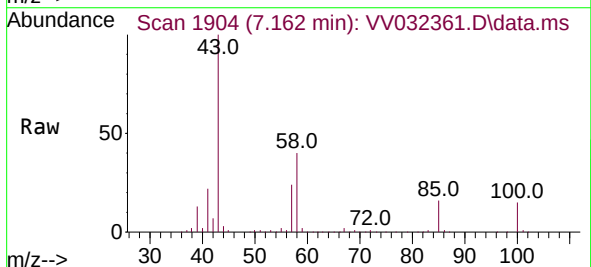
Instrument :
 MSVOA_V
 ClientSampleId :

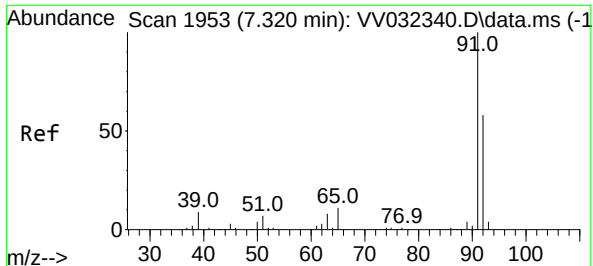
Tgt Ion: 75 Resp: 67440
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 45.464 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VV032361.D
 Acq: 10 Oct 2023 04:43

Tgt Ion: 43 Resp: 322291
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9
 100 14.6 11.3 16.9





#42

Toluene

Concen: 4.685 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

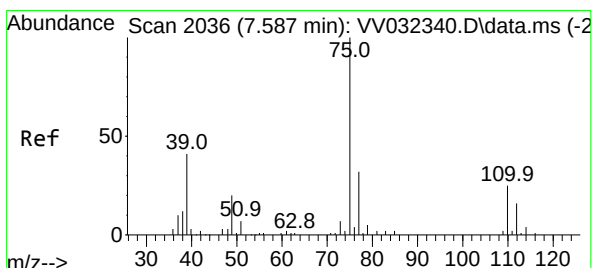
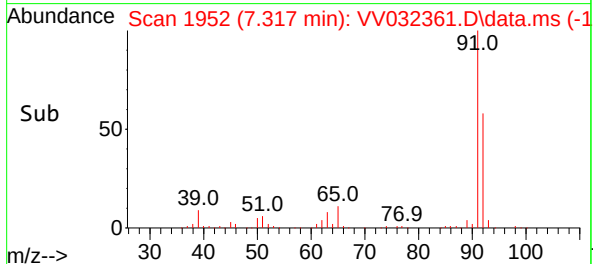
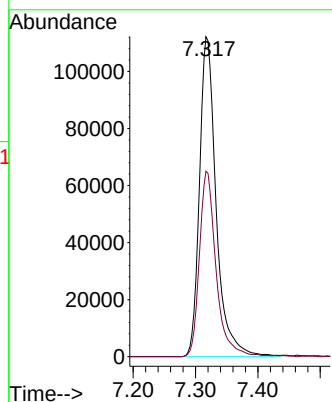
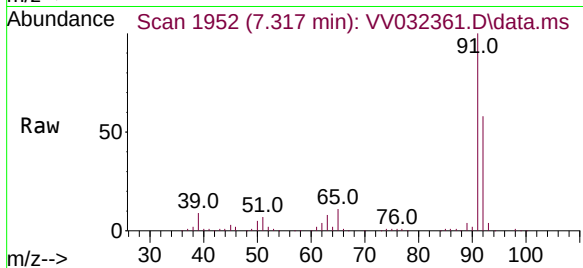
ClientSampleId :

Tgt Ion: 91 Resp: 209217

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.122 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032361.D

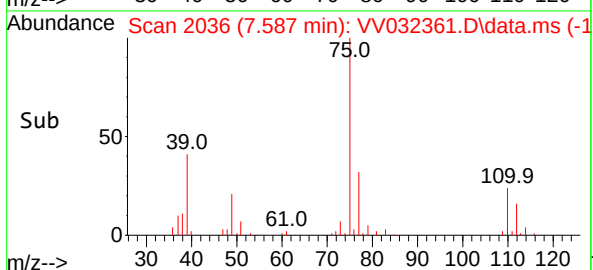
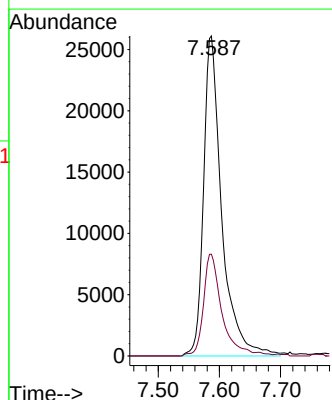
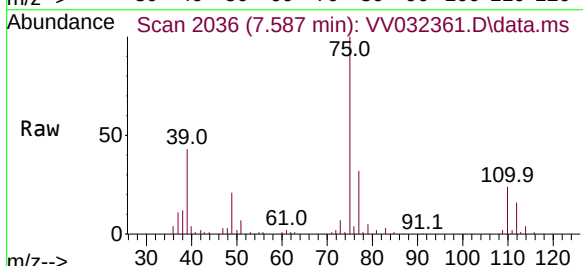
Acq: 10 Oct 2023 04:43

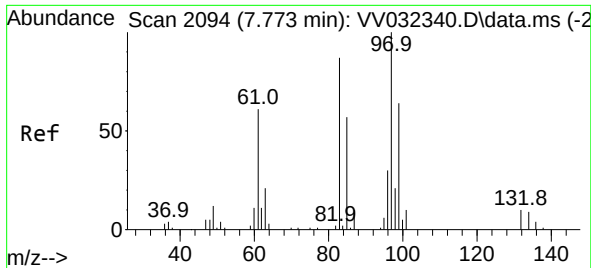
Tgt Ion: 75 Resp: 54006

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7

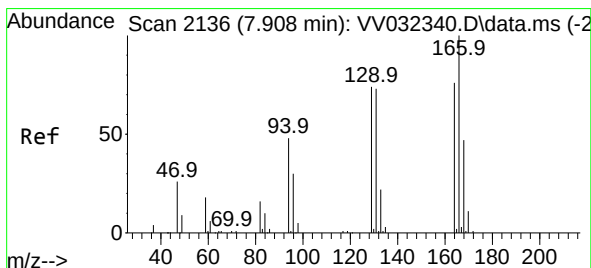
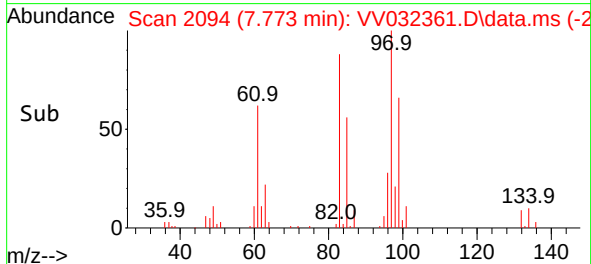
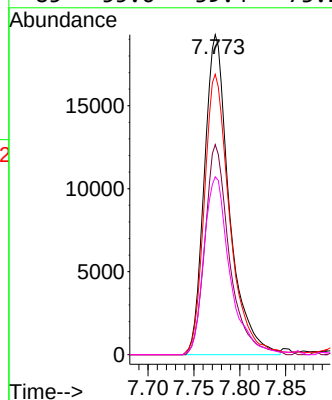
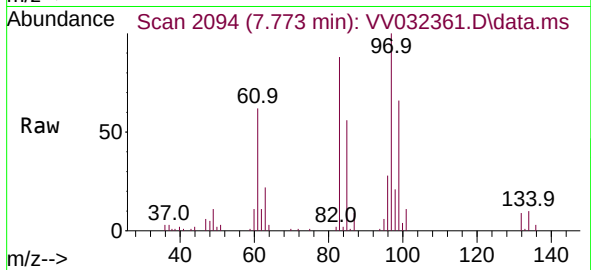




#45
1,1,2-Trichloroethane
Concen: 4.623 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

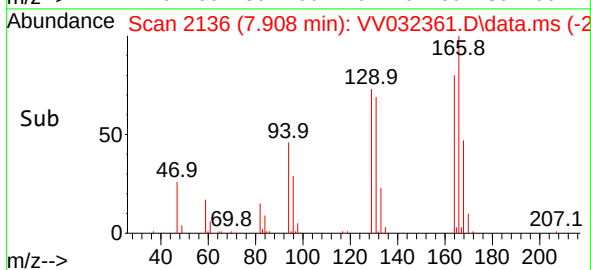
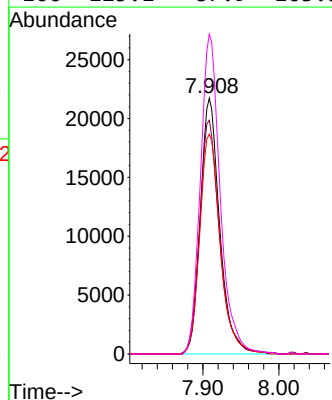
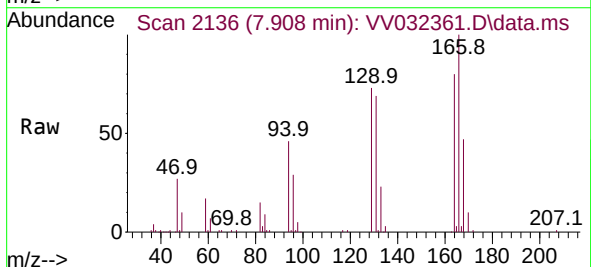
Instrument :
MSVOA_V
ClientSampleId :

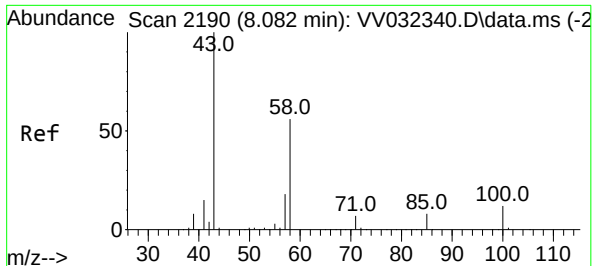
Tgt Ion:	97	Resp:	36528
Ion	Ratio	Lower	Upper
97	100		
99	65.6	42.8	79.4
83	87.6	60.9	113.1
85	55.6	39.4	73.2



#47
Tetrachloroethene
Concen: 4.438 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion:	164	Resp:	38488
Ion	Ratio	Lower	Upper
164	100		
129	91.4	66.4	123.4
131	85.9	63.7	118.3
166	125.1	87.9	163.3



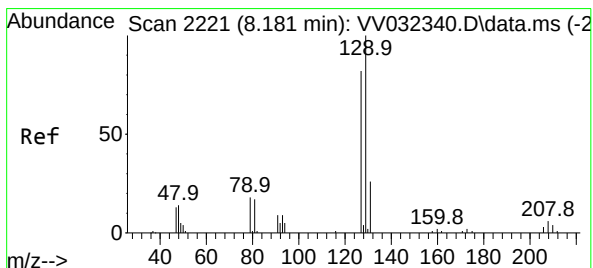
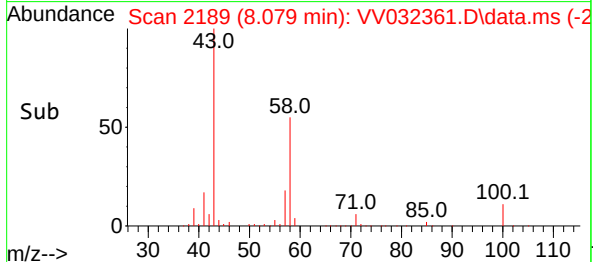
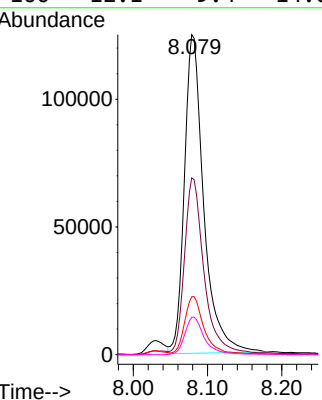
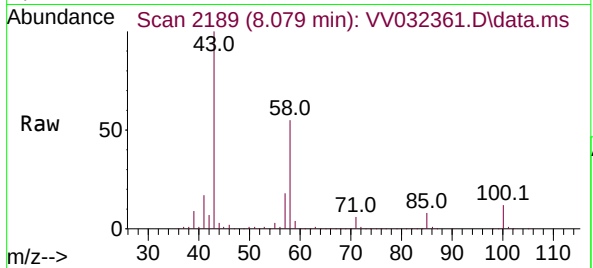


#48
2-Hexanone
Concen: 45.341 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 226779

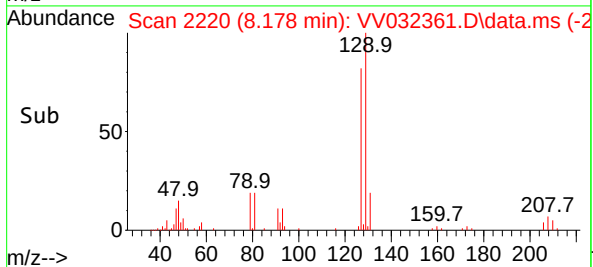
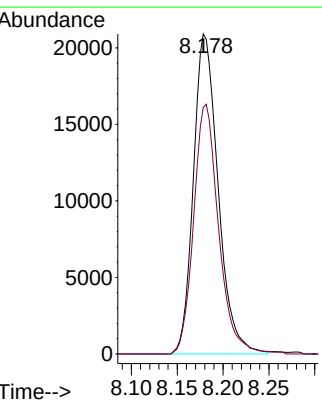
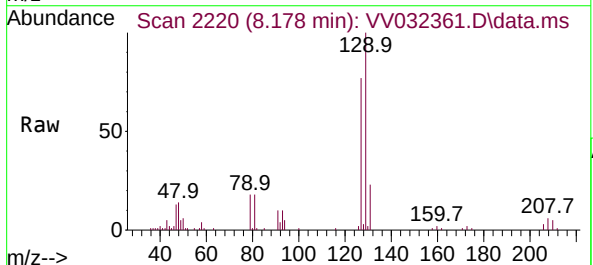
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.6	65.4
57	17.8	14.6	22.0
100	12.1	9.4	14.0

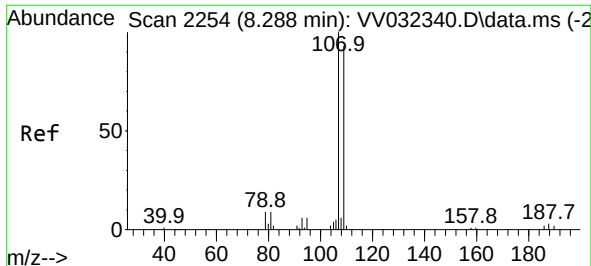


#49
Dibromochloromethane
Concen: 4.768 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 129 Resp: 39230

Ion	Ratio	Lower	Upper
129	100		
127	77.1	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.585 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

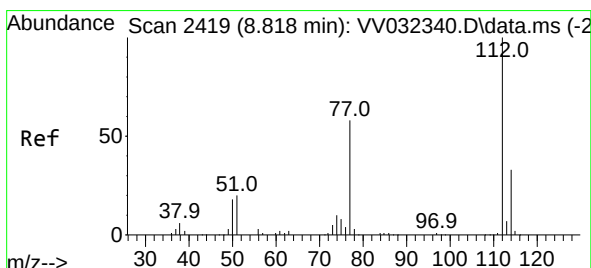
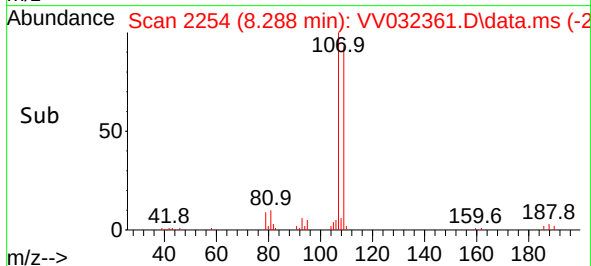
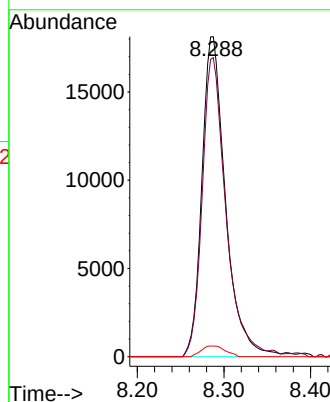
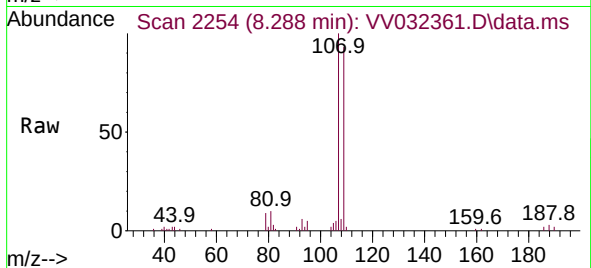
Tgt Ion:107 Resp: 34268

Ion Ratio Lower Upper

107 100

109 93.5 68.4 127.0

188 3.3 3.2 4.8



#51

Chlorobenzene

Concen: 4.593 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

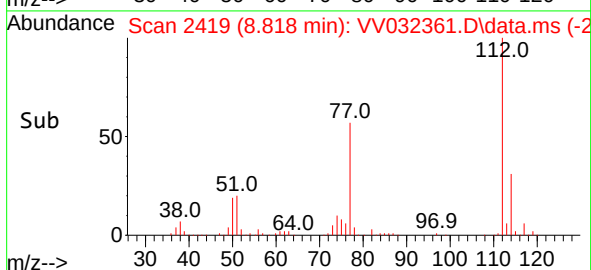
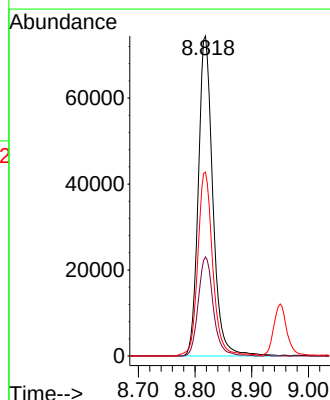
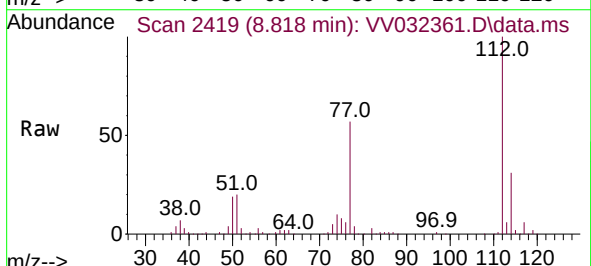
Tgt Ion:112 Resp: 132036

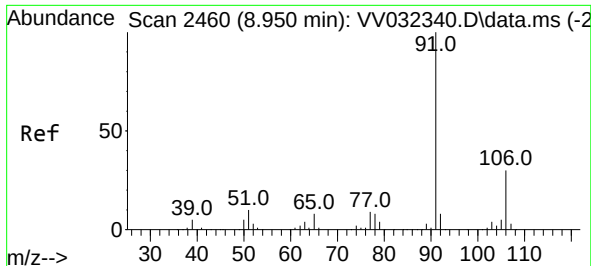
Ion Ratio Lower Upper

112 100

114 30.9 22.1 41.1

77 57.5 46.1 69.1

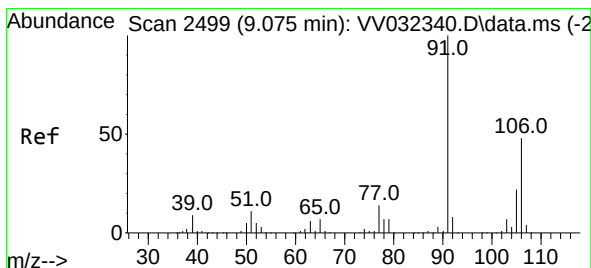
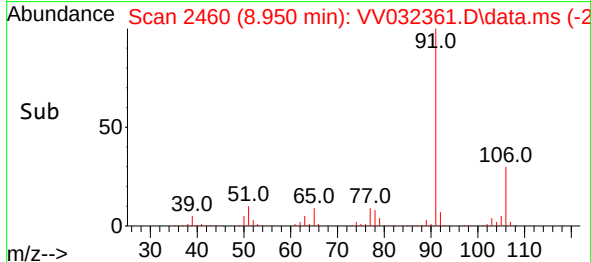
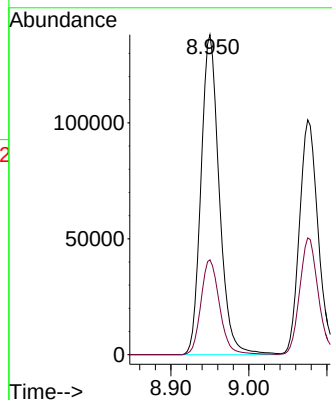
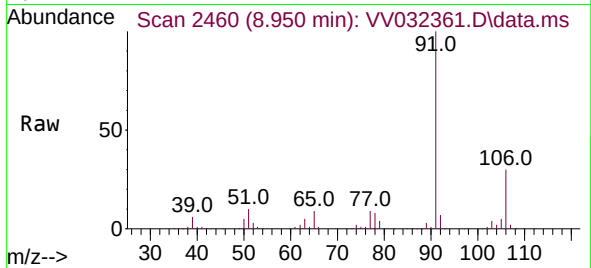




#52
Ethylbenzene
Concen: 4.517 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

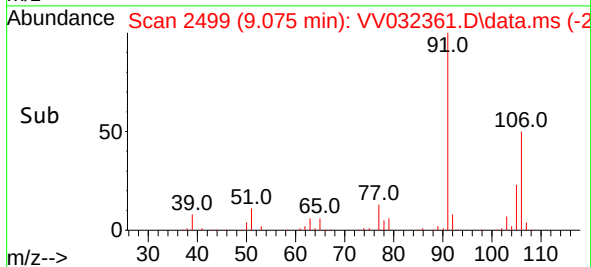
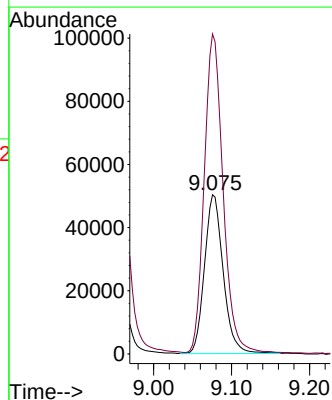
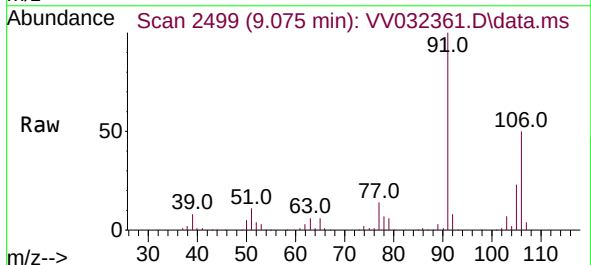
Instrument :
MSVOA_V
ClientSampleId :

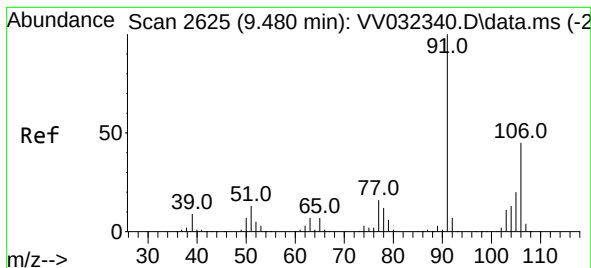
Tgt Ion: 91 Resp: 224574
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 4.552 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 106 Resp: 83946
Ion Ratio Lower Upper
106 100
91 201.0 144.5 268.3





#54

o-Xylene

Concen: 4.495 ug/L

RT: 9.481 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

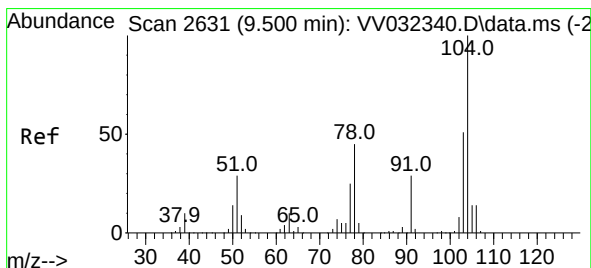
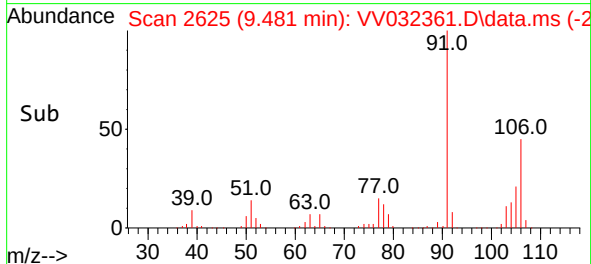
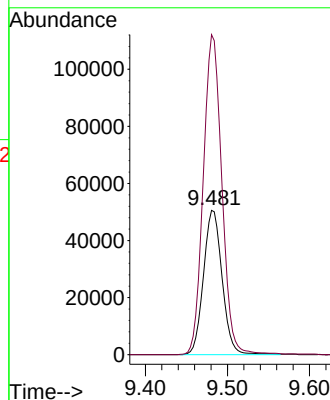
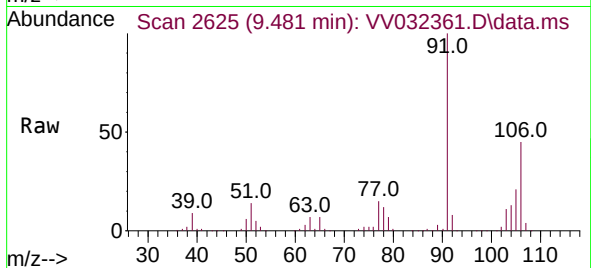
ClientSampleId :

Tgt Ion:106 Resp: 79865

Ion Ratio Lower Upper

106 100

91 221.7 154.8 287.4



#55

Styrene

Concen: 4.723 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.000 min

Lab File: VV032361.D

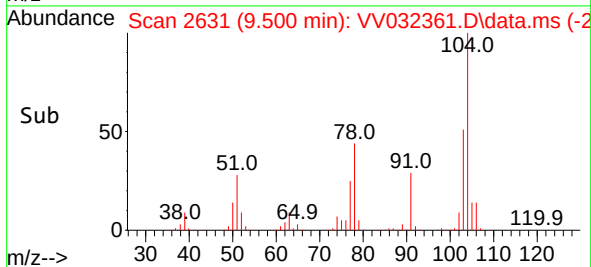
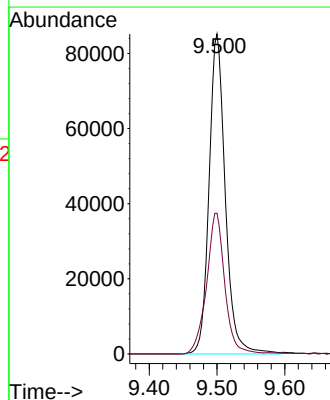
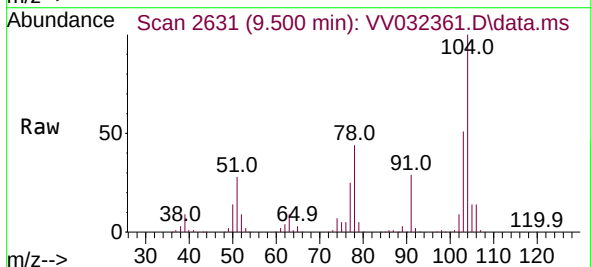
Acq: 10 Oct 2023 04:43

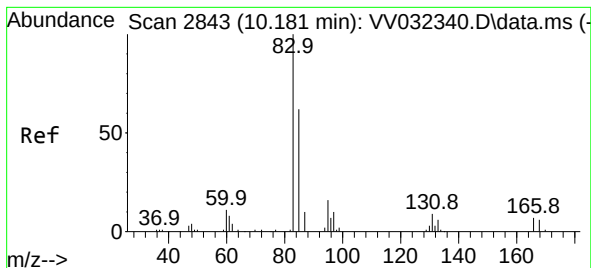
Tgt Ion:104 Resp: 141735

Ion Ratio Lower Upper

104 100

78 44.0 29.9 55.5

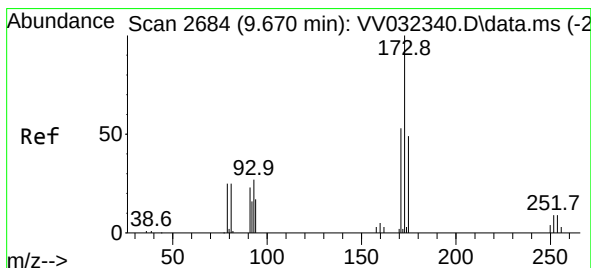
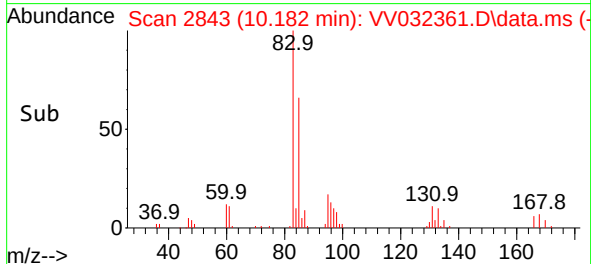
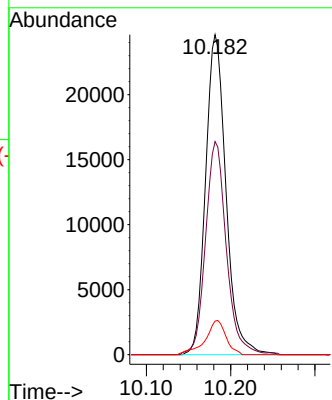
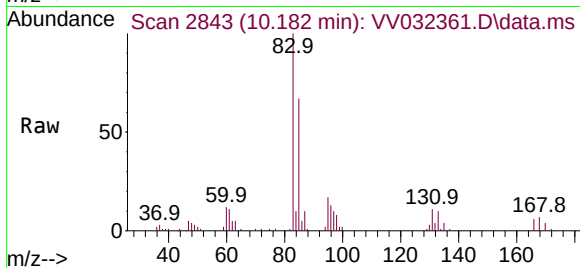




#57
1,1,2,2-Tetrachloroethane
Concen: 4.765 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

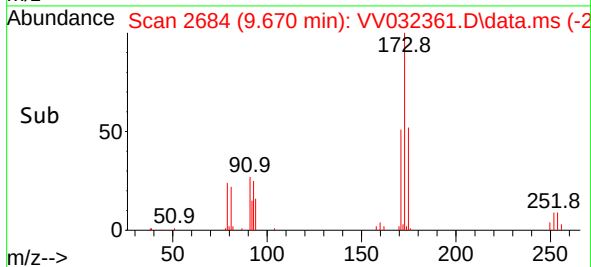
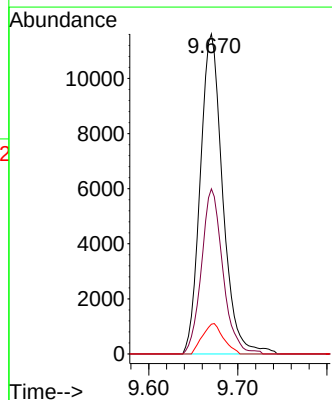
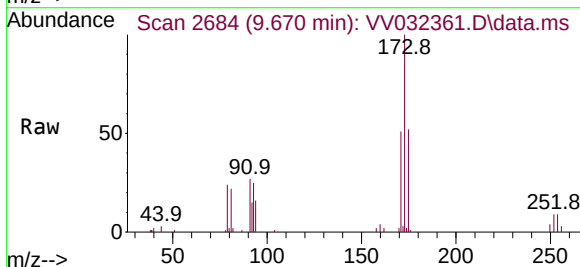
Instrument :
MSVOA_V
ClientSampleId :

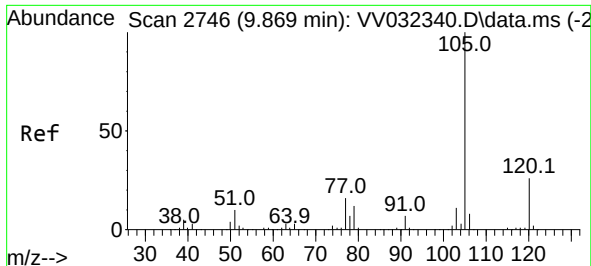
Tgt Ion: 83 Resp: 41429
Ion Ratio Lower Upper
83 100
85 66.6 43.6 81.0
131 10.5 7.0 10.6



#59
Bromoform
Concen: 4.511 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

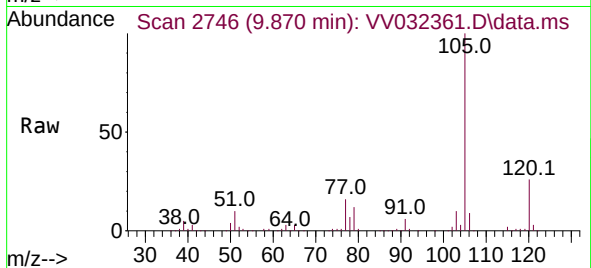
Tgt Ion: 173 Resp: 20297
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 8.9 7.0 10.4



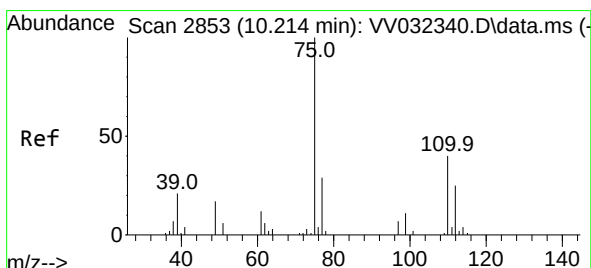
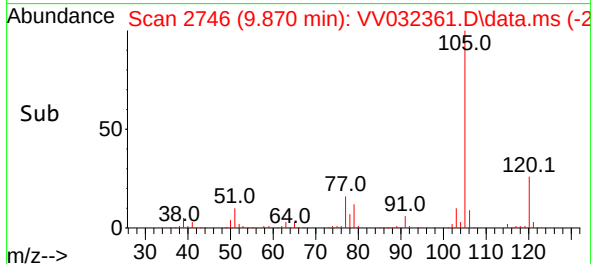
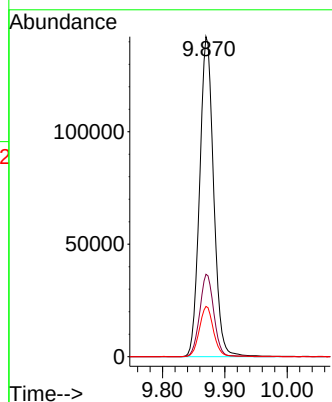


#60
Isopropylbenzene
Concen: 4.615 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Instrument :
MSVOA_V
ClientSampleId :

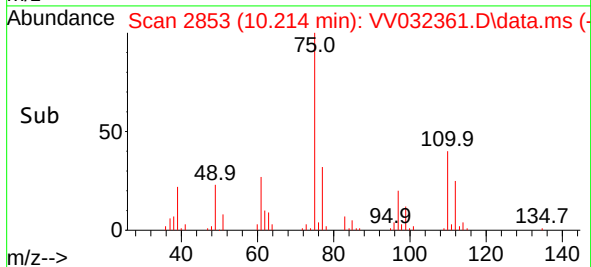
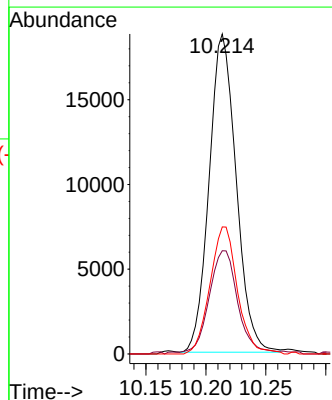
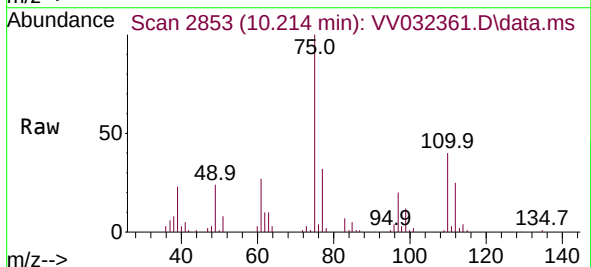


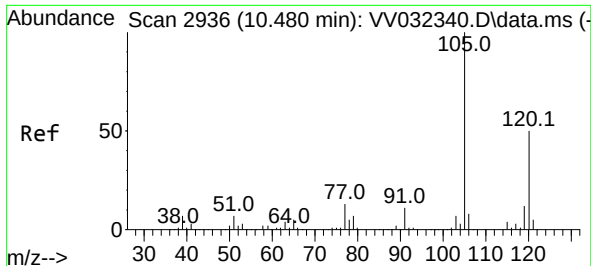
Tgt Ion:105 Resp: 221937
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.467 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion: 75 Resp: 29421
Ion Ratio Lower Upper
75 100
77 35.2 26.2 39.2
110 40.6 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.395 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

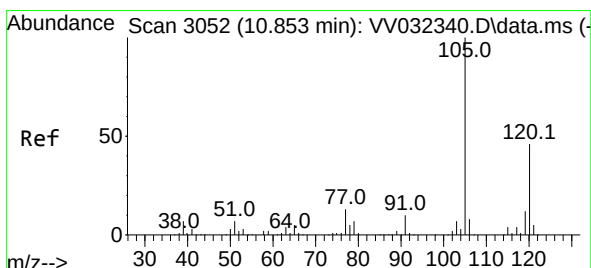
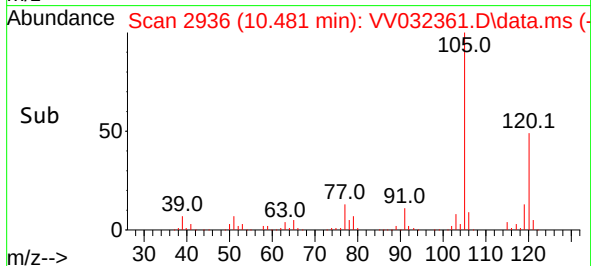
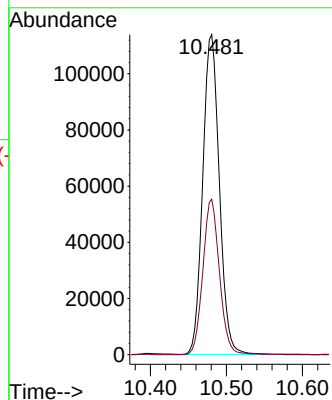
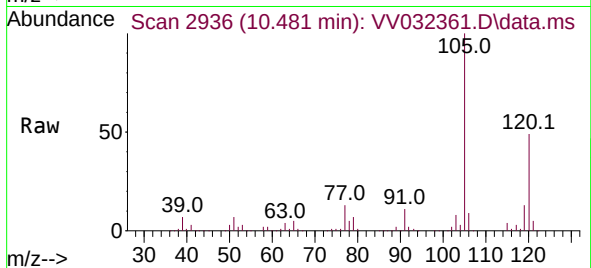
ClientSampleId :

Tgt Ion:105 Resp: 172276

Ion Ratio Lower Upper

105 100

120 48.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.463 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032361.D

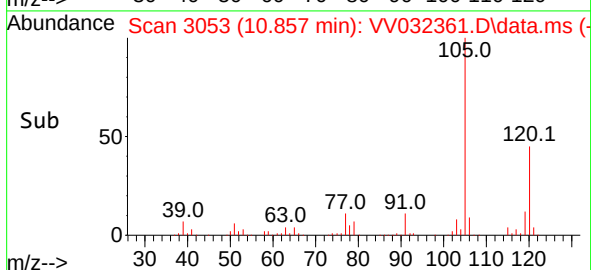
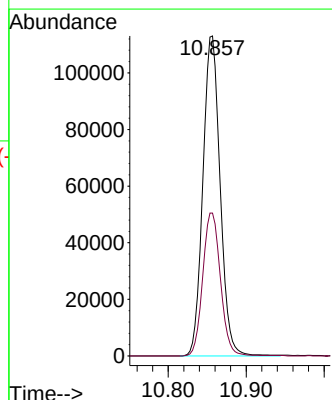
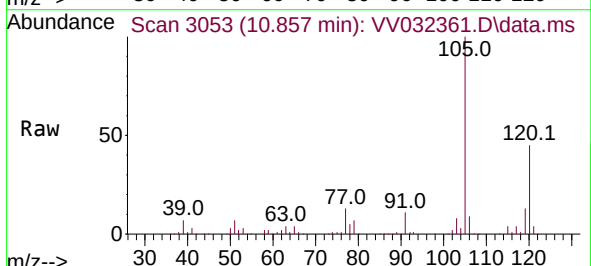
Acq: 10 Oct 2023 04:43

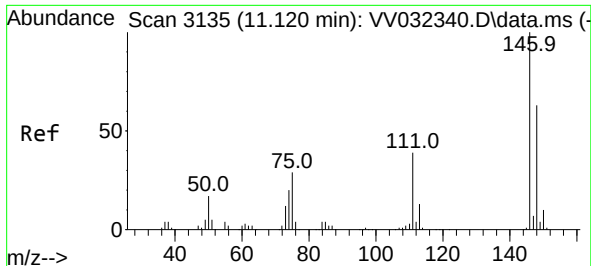
Tgt Ion:105 Resp: 174144

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4

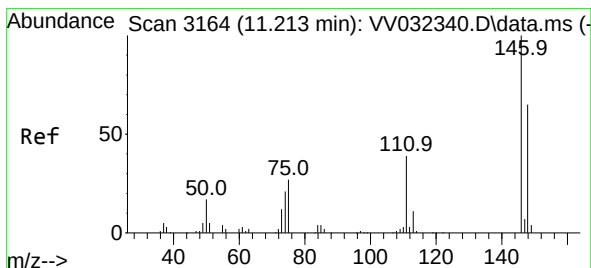
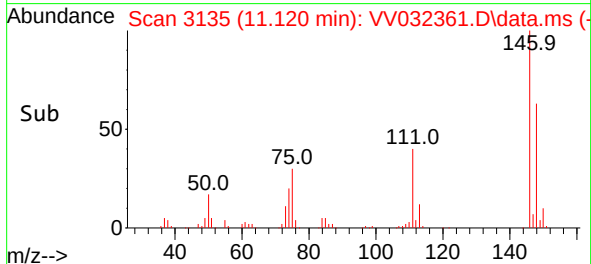
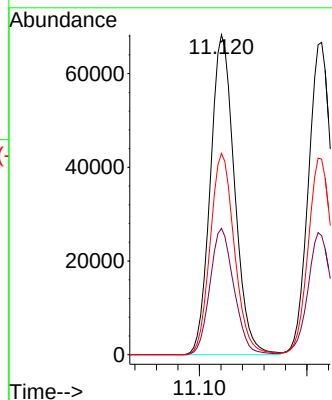
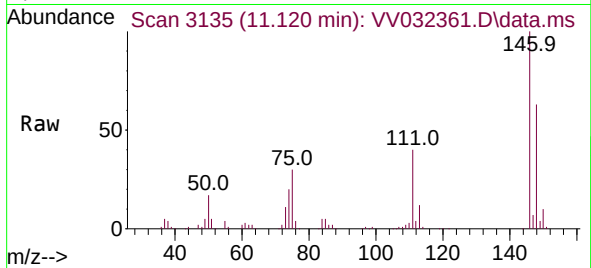




#64
1,3-Dichlorobenzene
Concen: 4.637 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

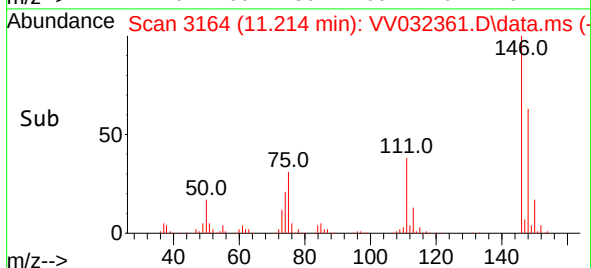
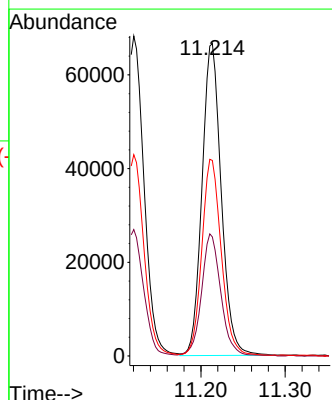
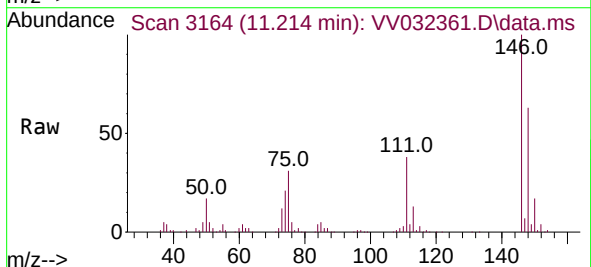
Instrument :
MSVOA_V
ClientSampleId :

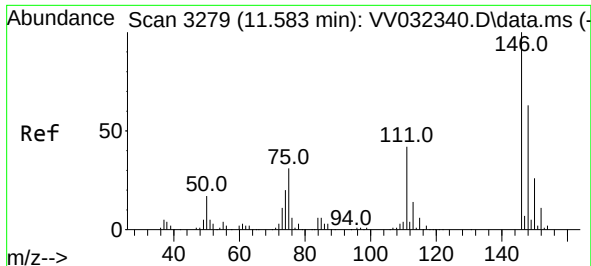
Tgt Ion:146 Resp: 106538
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 62.9 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.602 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

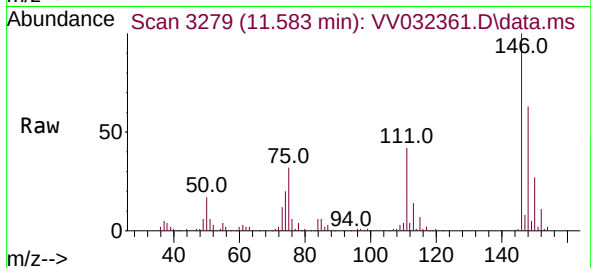
Tgt Ion:146 Resp: 106076
Ion Ratio Lower Upper
146 100
111 38.1 26.9 49.9
148 62.6 44.8 83.2



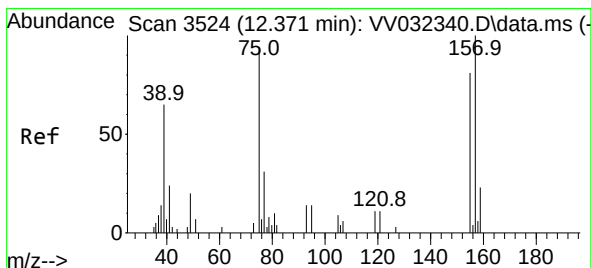
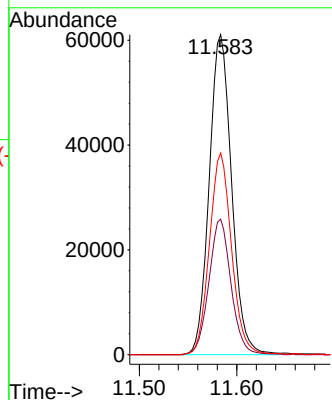
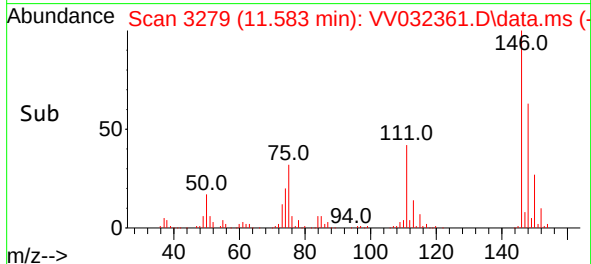


#67
1,2-Dichlorobenzene
Concen: 4.650 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

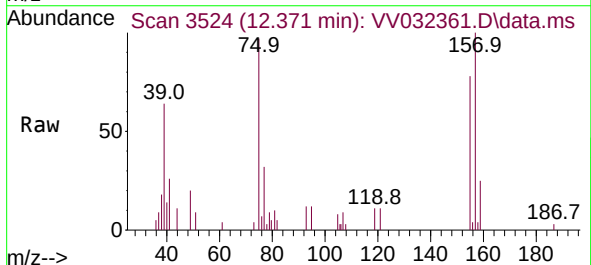
Instrument :
MSVOA_V
ClientSampleId :



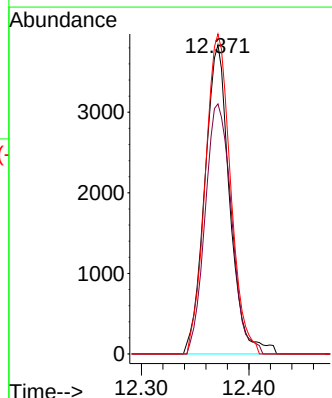
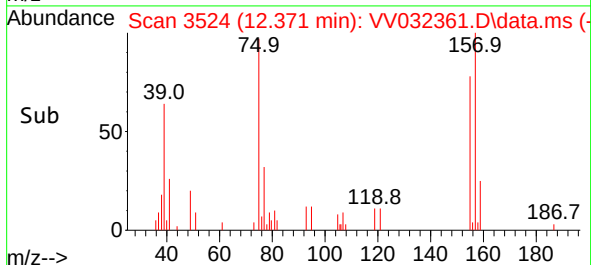
Tgt Ion:146 Resp: 97426
Ion Ratio Lower Upper
146 100
111 42.4 32.8 49.2
148 63.0 51.0 76.4

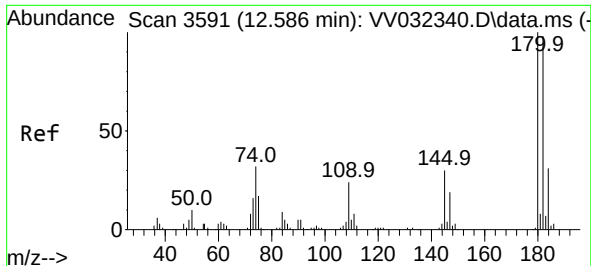


#68
1,2-Dibromo-3-chloropropane
Concen: 4.596 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43



Tgt Ion: 75 Resp: 6185
Ion Ratio Lower Upper
75 100
155 80.9 70.2 105.4
157 103.5 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.388 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

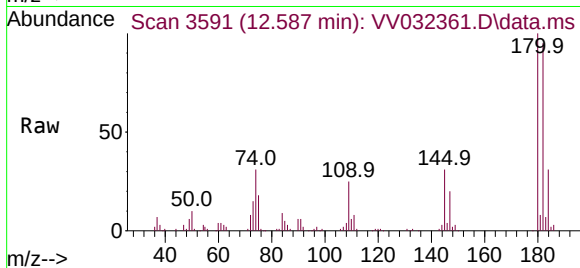
Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 73829

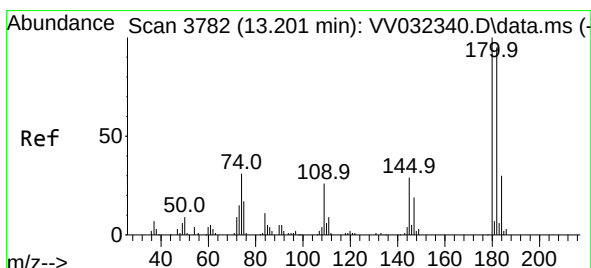
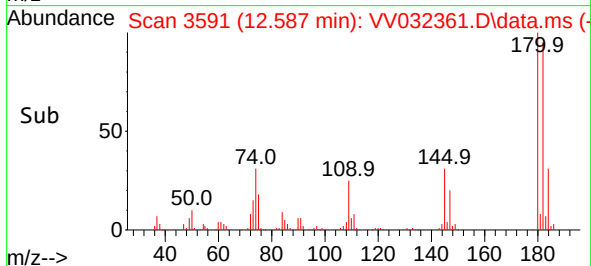
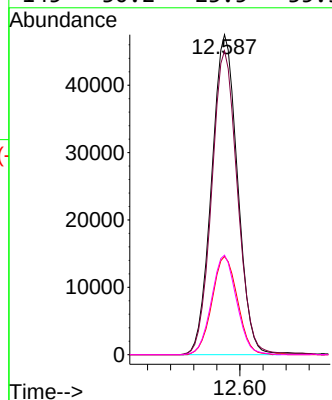
Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

184 30.2 24.1 36.1

145 30.2 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.279 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032361.D

Acq: 10 Oct 2023 04:43

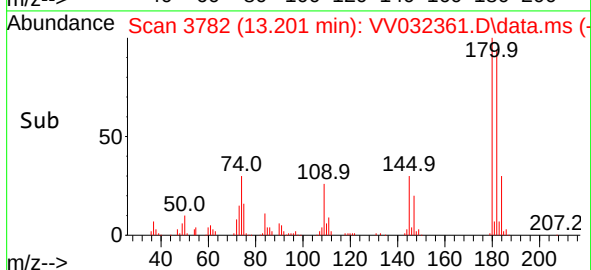
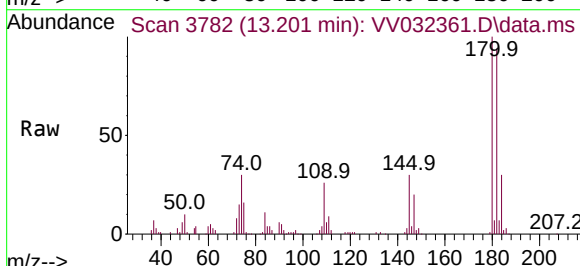
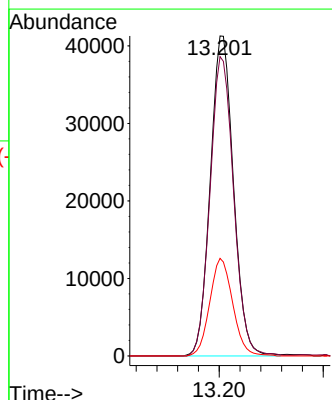
Tgt Ion:180 Resp: 63861

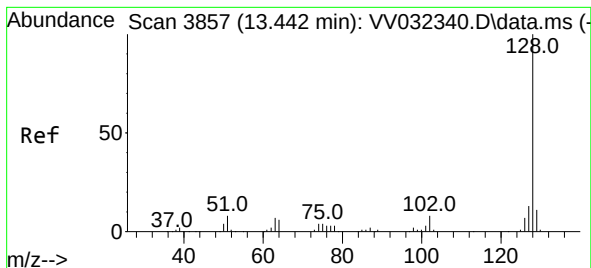
Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

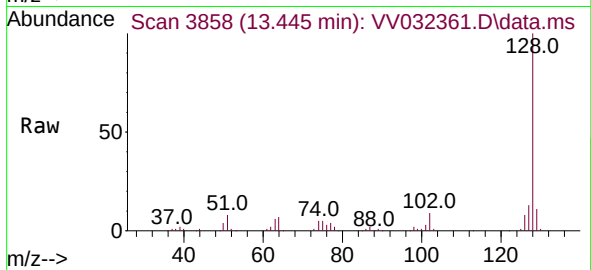
145 30.2 24.3 36.5



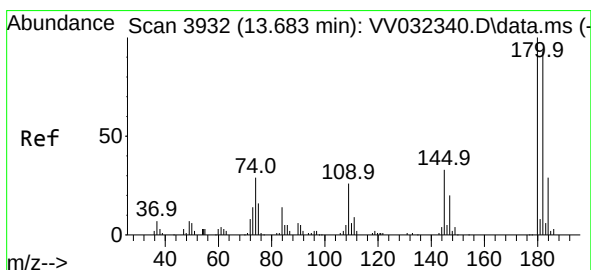
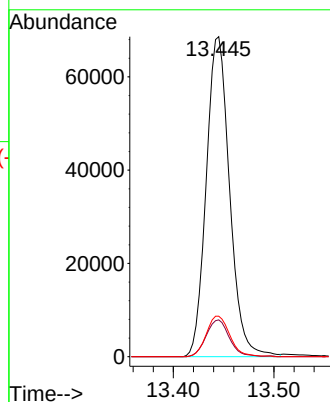
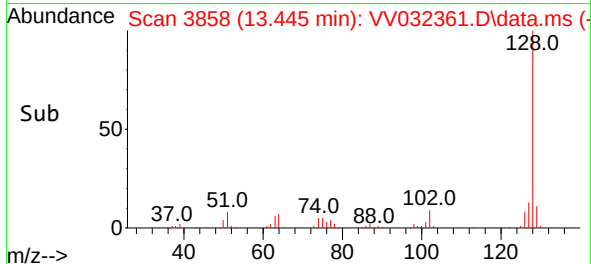


#71
Naphthalene
Concen: 4.370 ug/L
RT: 13.445 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 110783
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.632 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032361.D
Acq: 10 Oct 2023 04:43

Tgt Ion:180 Resp: 59563
Ion Ratio Lower Upper
180 100
182 96.9 77.0 115.4
145 32.7 25.7 38.5

