

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100623\
 Data File : VW032314.D
 Acq On : 06 Oct 2023 20:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 05:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	90920	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	96975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28655	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.532	69	28038	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.060	65	12377	3.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.796	46	91872	49.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.240%
24) Chloroform-d	4.252	84	62945	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.947	65	30029	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.963	84	115284	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.992	67	38519	4.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.246	98	112596	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.558	79	13849	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.027	63	75037	47.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32001	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	41843	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	50433	4.978	ug/L	99
3) Chloromethane	1.217	50	49603	4.856	ug/L	99
5) Vinyl chloride	1.282	62	47275	4.853	ug/L	99
6) Bromomethane	1.487	94	27913	4.743	ug/L	99
8) Chloroethane	1.548	64	29585	5.045	ug/L	100
9) Trichlorofluoromethane	1.712	101	58421	5.001	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	35048	4.951	ug/L	98
12) 1,1-Dichloroethene	2.069	96	31665	4.749	ug/L	89
13) Acetone	2.124	43	56453	39.157	ug/L	96
14) Carbon disulfide	2.240	76	101234	4.343	ug/L	98
15) Methyl Acetate	2.381	43	14584	4.493	ug/L	97
16) Methylene chloride	2.449	84	39733	4.570	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	78285	4.312	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	34165	4.473	ug/L	98
19) 1,1-Dichloroethane	3.114	63	65308	4.546	ug/L	98
21) 2-Butanone	3.876	43	87715	38.906	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	36805	4.475	ug/L	96
23) Bromochloromethane	4.150	128	16137	4.664	ug/L	95
25) Chloroform	4.278	83	66330	4.705	ug/L	98

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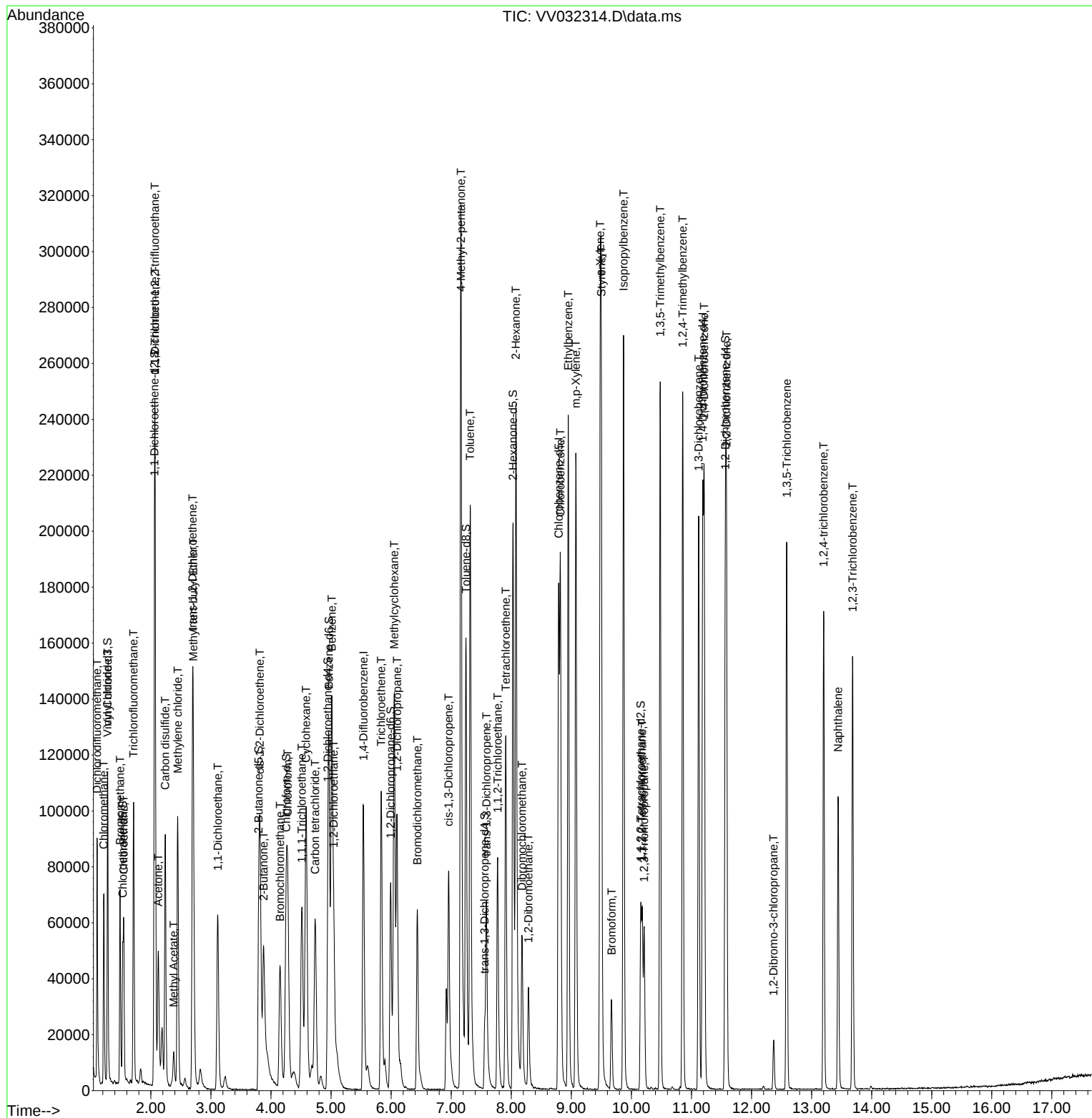
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	38406	4.612	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	54356	4.123	ug/L	97
30) Cyclohexane	4.584	56	55112	3.804	ug/L	99
31) Carbon tetrachloride	4.735	117	47266	4.237	ug/L	99
33) Benzene	5.011	78	141556	4.146	ug/L	100
34) Trichloroethene	5.834	95	38942	4.178	ug/L	97
35) Methylcyclohexane	6.053	83	50025	3.468	ug/L	90
37) 1,2-Dichloropropane	6.098	63	34236	3.749	ug/L	98
38) Bromodichloromethane	6.436	83	48326	4.454	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	52347	4.028	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	240098	41.552	ug/L	99
42) Toluene	7.317	91	161380	4.434	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	41146	3.853	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	28382	4.406	ug/L	99
47) Tetrachloroethene	7.908	164	30191	4.271	ug/L	98
48) 2-Hexanone	8.079	43	170323	41.778	ug/L	98
49) Dibromochloromethane	8.178	129	29418	4.387	ug/L	95
50) 1,2-Dibromoethane	8.288	107	27018	4.435	ug/L	93
51) Chlorobenzene	8.818	112	101718	4.341	ug/L	99
52) Ethylbenzene	8.950	91	171395	4.229	ug/L	100
53) m,p-Xylene	9.075	106	64135	4.267	ug/L	100
54) o-Xylene	9.481	106	62241	4.297	ug/L	95
55) Styrene	9.500	104	111708	4.567	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	31241	4.408	ug/L	98
59) Bromoform	9.670	173	15042	4.039	ug/L	99
60) Isopropylbenzene	9.870	105	171504	4.309	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23513	4.313	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	134055	4.132	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	136211	4.218	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	80739	4.246	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	82298	4.314	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	73434	4.235	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	4548	4.084	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	57327	4.117	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	49085	3.974	ug/L	99
71) Naphthalene	13.442	128	80709	3.847	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	44170	4.150	ug/L	99

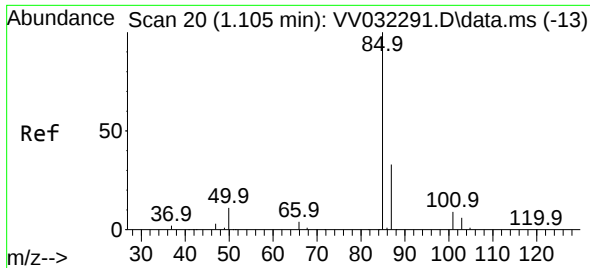
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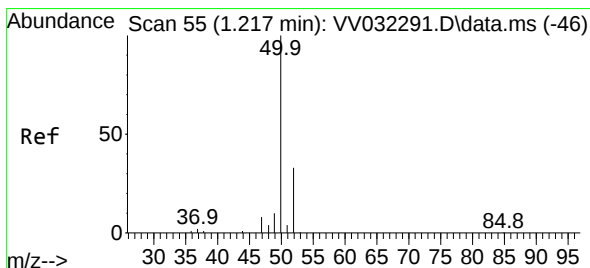
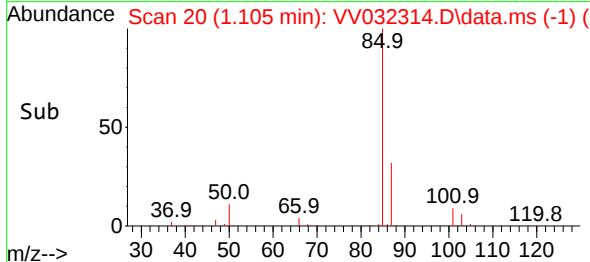
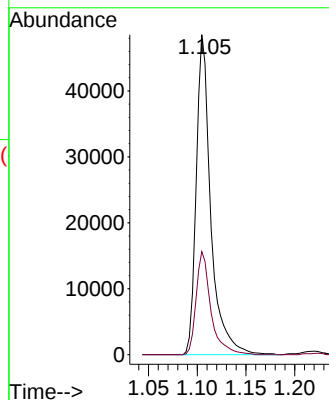
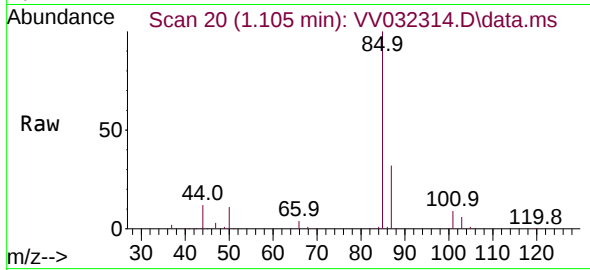




#2
 Dichlorodifluoromethane
 Concen: 4.978 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032314.D
 Acq: 06 Oct 2023 20:49

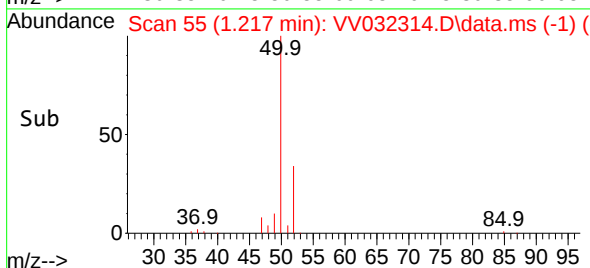
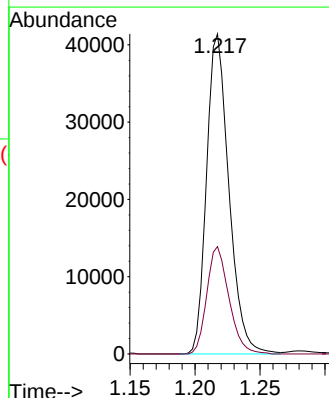
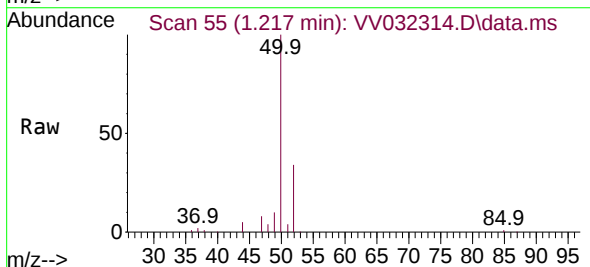
Instrument :
 MSVOA_V
 ClientSampleId :

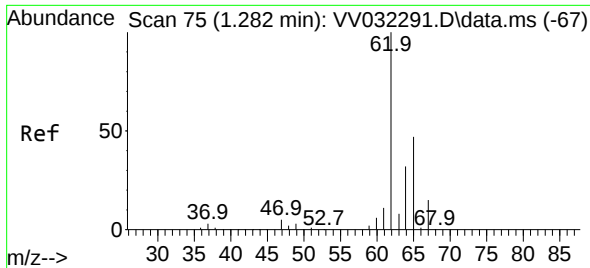
Tgt Ion: 85 Resp: 50433
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.5 38.3



#3
 Chloromethane
 Concen: 4.856 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032314.D
 Acq: 06 Oct 2023 20:49

Tgt Ion: 50 Resp: 49603
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.6

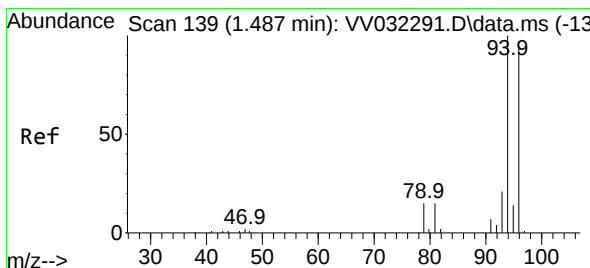
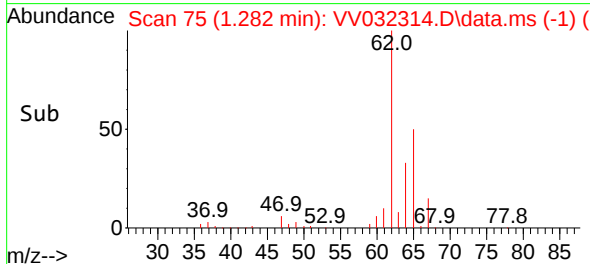
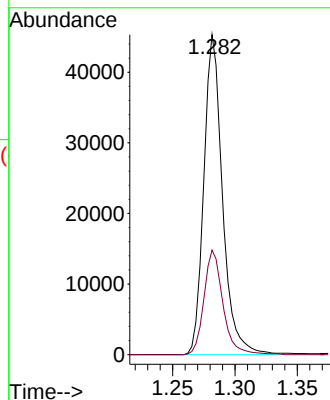
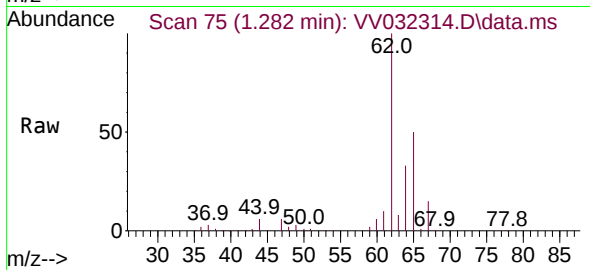




#5
 Vinyl chloride
 Concen: 4.853 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032314.D
 Acq: 06 Oct 2023 20:49

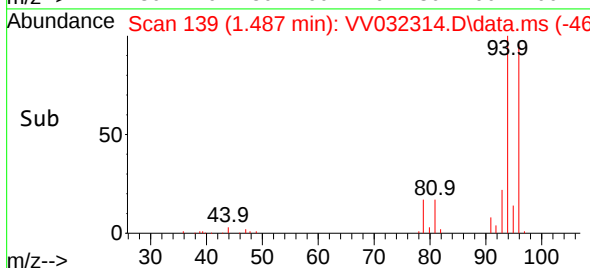
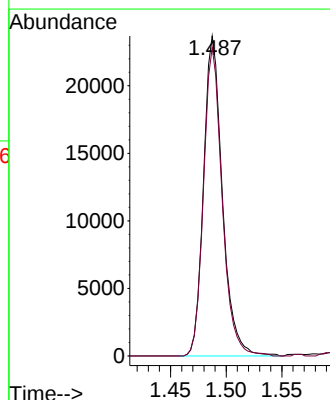
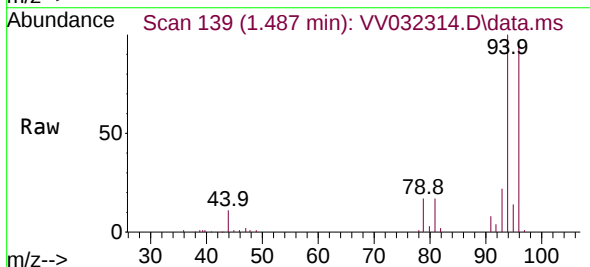
Instrument :
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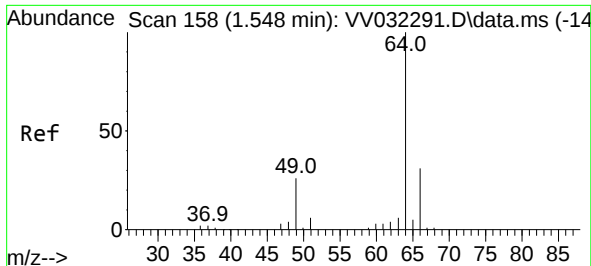
Tgt Ion: 62 Resp: 47275
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.743 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032314.D
 Acq: 06 Oct 2023 20:49

Tgt Ion: 94 Resp: 27913
 Ion Ratio Lower Upper
 94 100
 96 96.4 66.8 124.2

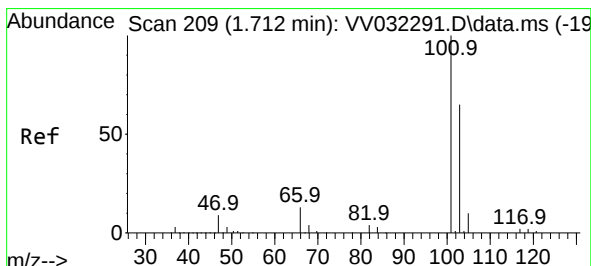
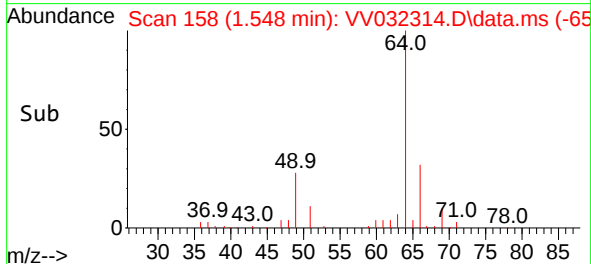
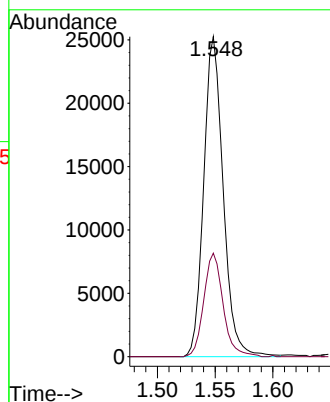
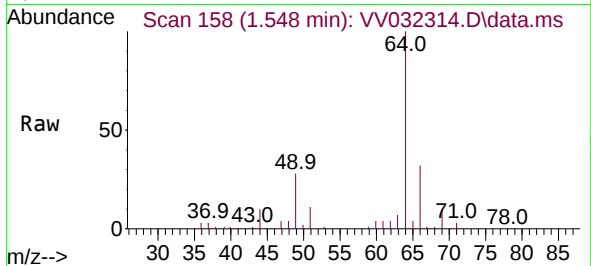




#8
Chloroethane
Concen: 5.045 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

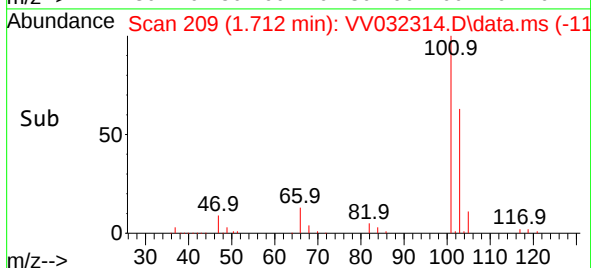
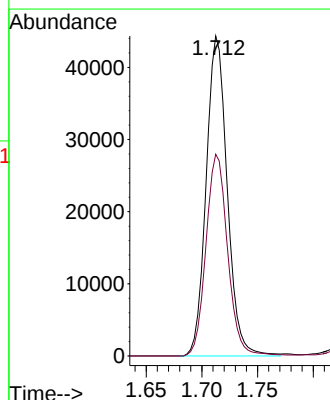
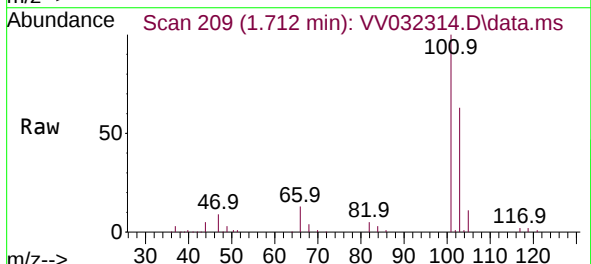
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ClientSampleId :

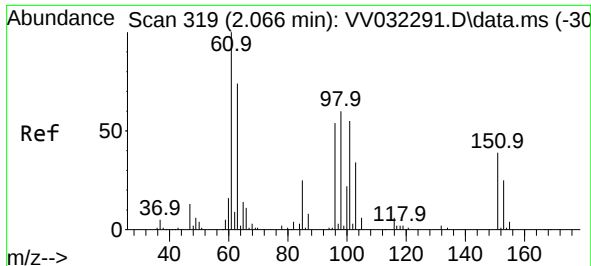
Tgt Ion: 64 Resp: 29585
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.001 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion:101 Resp: 58421
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2





#10

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

Concen: 4.951 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV032314.D

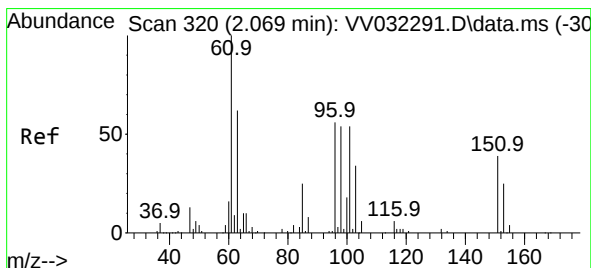
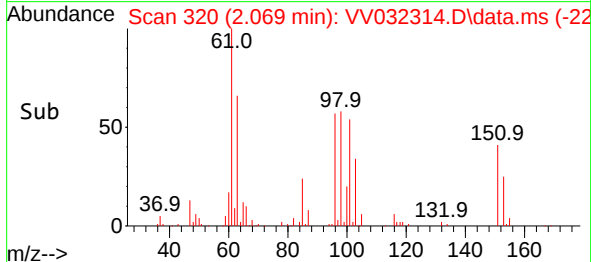
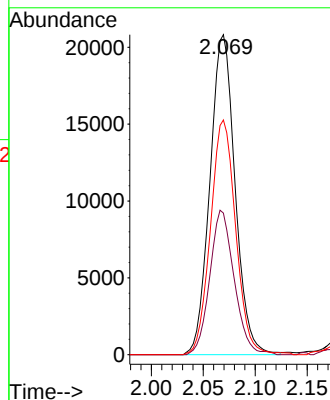
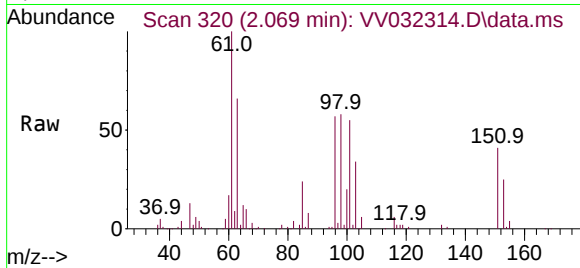
Acq: 06 Oct 2023 20:49

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Tgt Ion:	101	Resp:	35048
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.6
151	73.7	56.6	84.8



#12

1,1-Dichloroethene

Concen: 4.749 ug/L

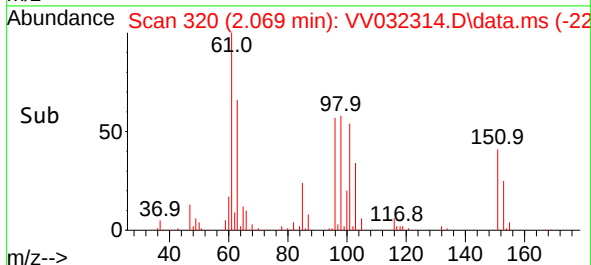
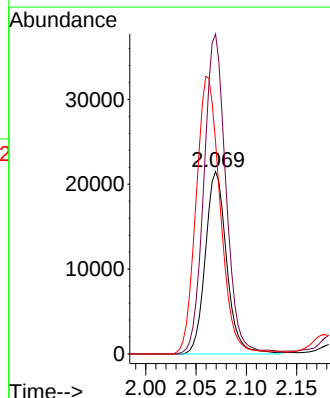
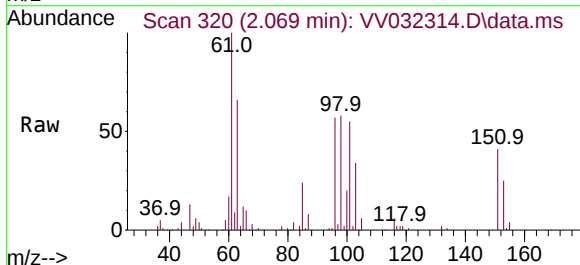
RT: 2.069 min Scan# 320

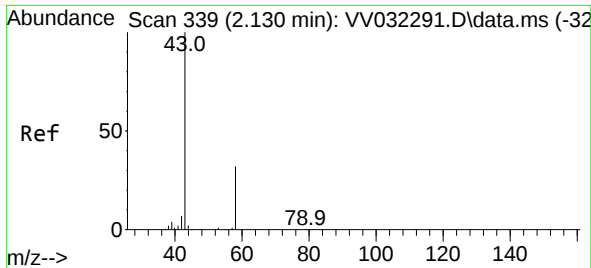
Delta R.T. 0.000 min

Lab File: VV032314.D

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Tgt Ion:	96	Resp:	31665
Ion Ratio	Lower	Upper	
96	100		
61	175.4	127.3	236.3
63	116.3	98.3	182.7





#13

Acetone

Concen: 39.157 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.006 min

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Instrument :

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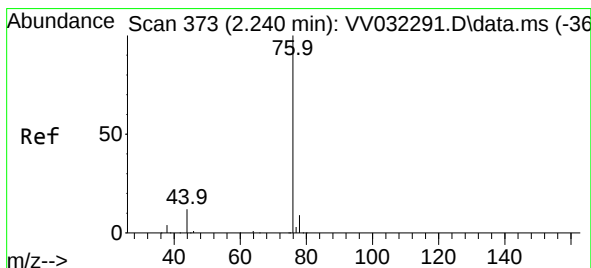
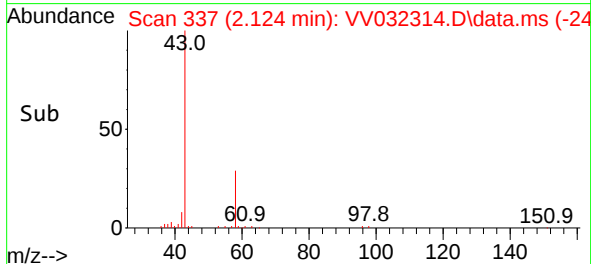
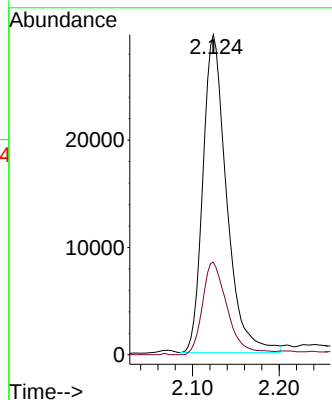
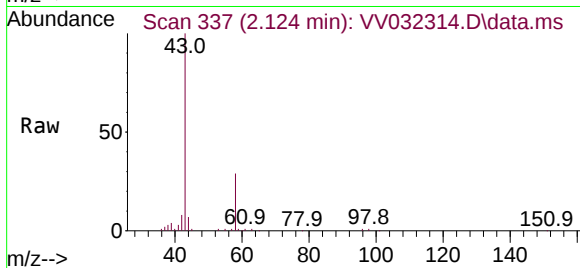
ClientSampleId :

Tgt Ion: 43 Resp: 56453

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.0



#14

Carbon disulfide

Concen: 4.343 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

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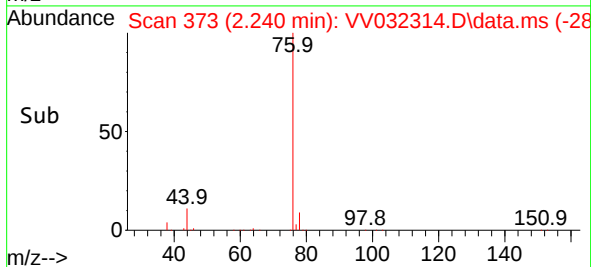
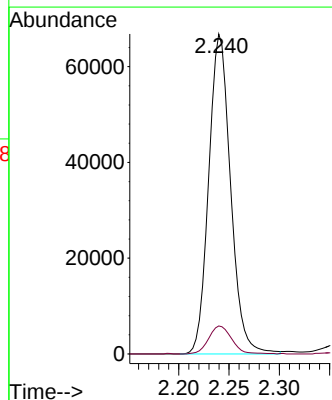
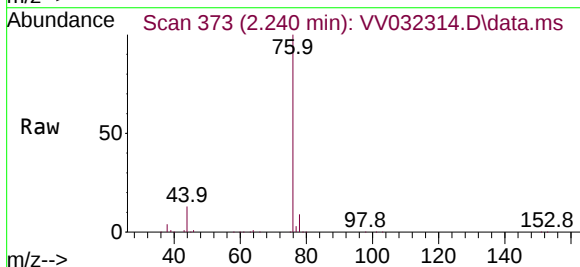
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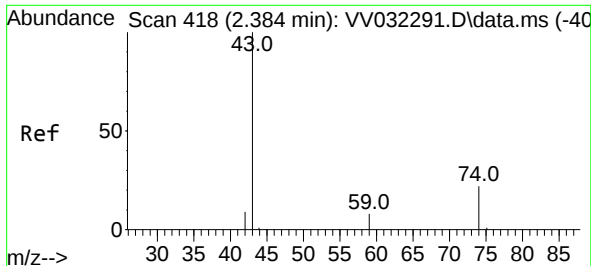
Tgt Ion: 76 Resp: 101234

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

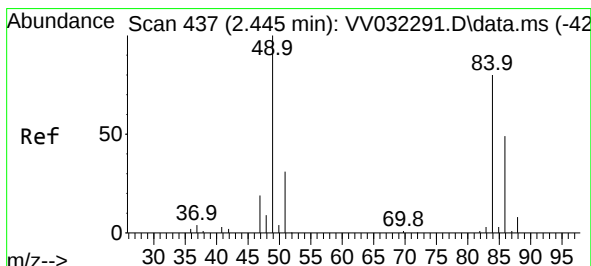
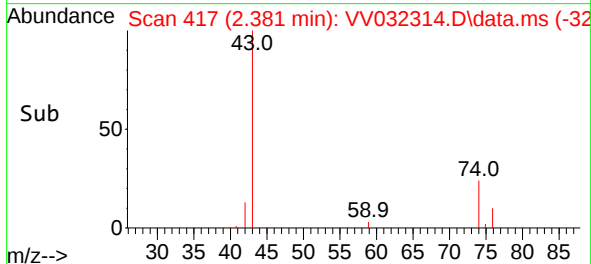
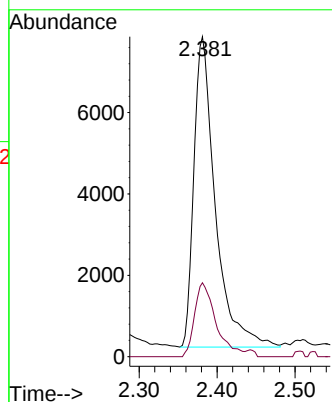
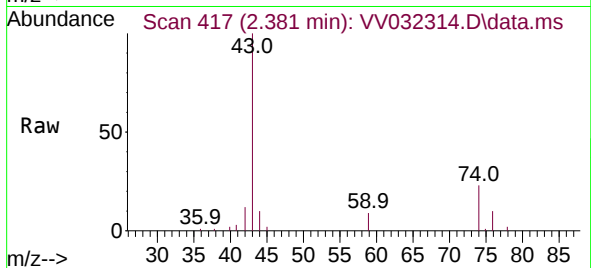




#15
Methyl Acetate
Concen: 4.493 ug/L
RT: 2.381 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

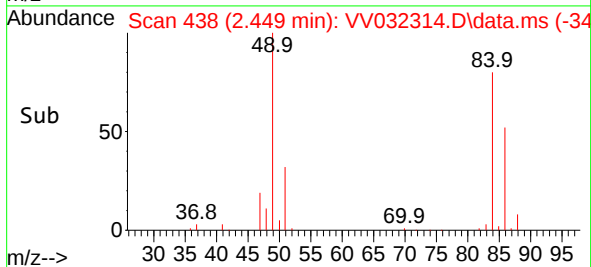
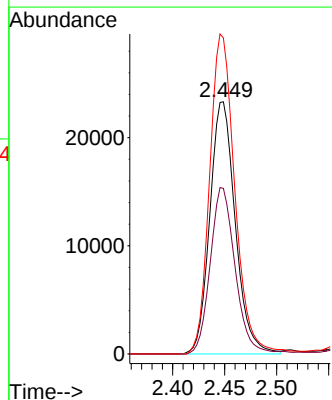
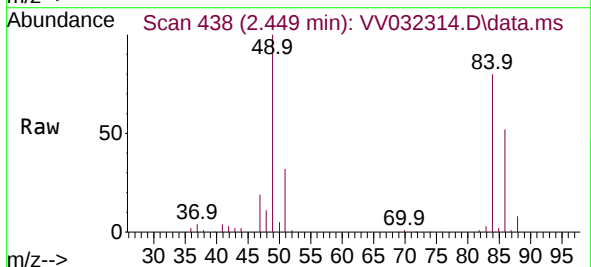
Instrument :
MSVOA_V
ClientSampleId :

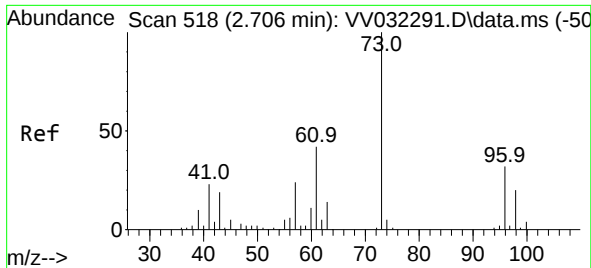
Tgt Ion: 43 Resp: 14584
Ion Ratio Lower Upper
43 100
74 23.7 18.0 27.0



#16
Methylene chloride
Concen: 4.570 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion: 84 Resp: 39733
Ion Ratio Lower Upper
84 100
86 65.7 43.2 80.2
49 125.3 86.3 160.3

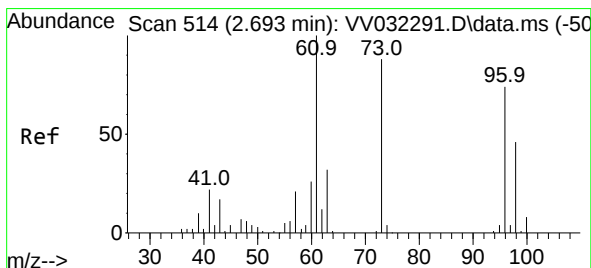
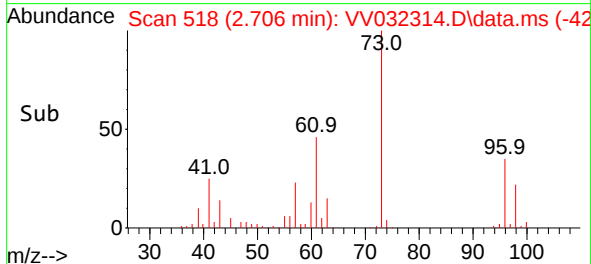
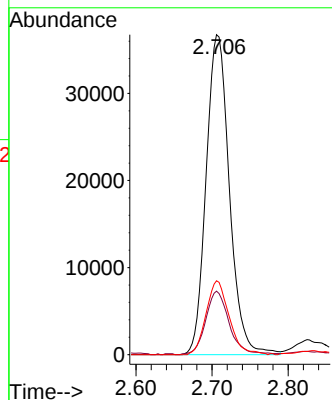
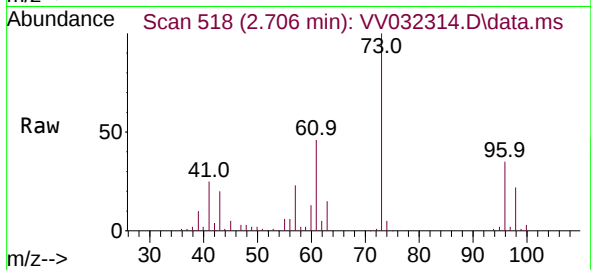




#17
Methyl tert-butyl Ether
Concen: 4.312 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

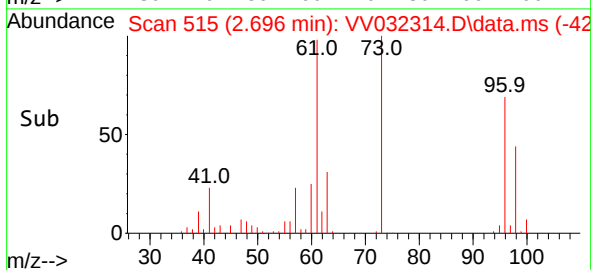
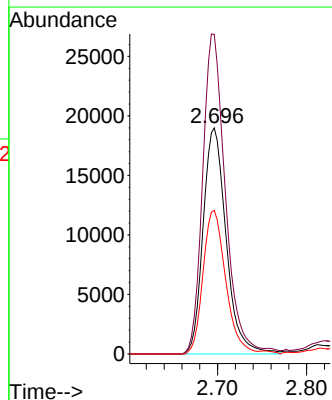
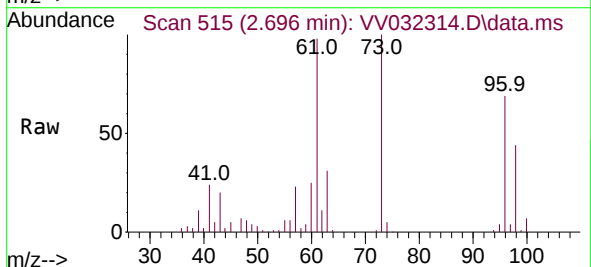
Instrument :
MSVOA_V
ClientSampleId :

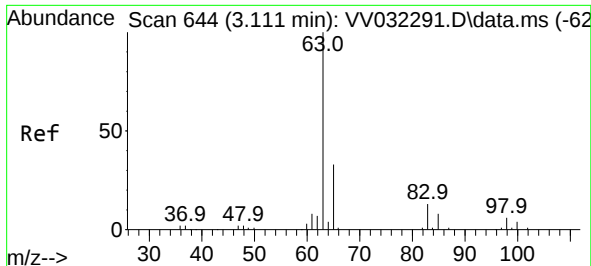
Tgt Ion: 73 Resp: 78285
Ion Ratio Lower Upper
73 100
43 20.1 15.1 22.7
57 22.8 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.473 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion: 96 Resp: 34165
Ion Ratio Lower Upper
96 100
61 141.3 96.9 180.1
98 63.4 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.546 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :

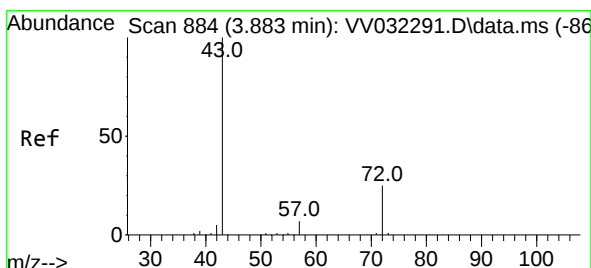
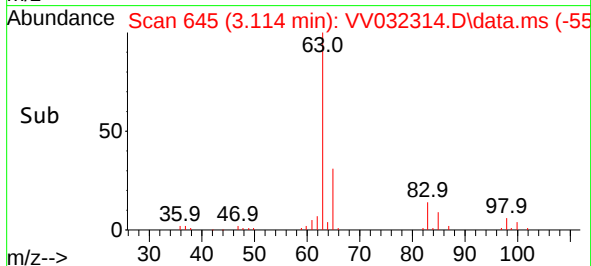
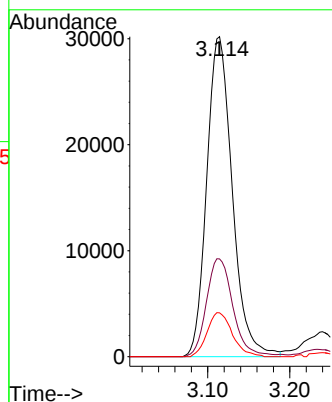
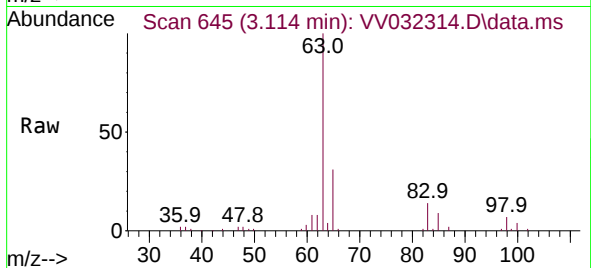
Tgt Ion: 63 Resp: 65308

Ion Ratio Lower Upper

63 100

65 30.5 22.3 41.5

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 38.906 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.006 min

Lab File: VV032314.D

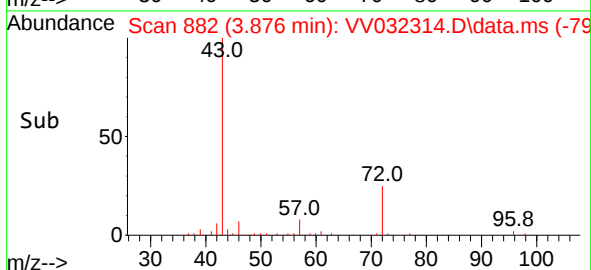
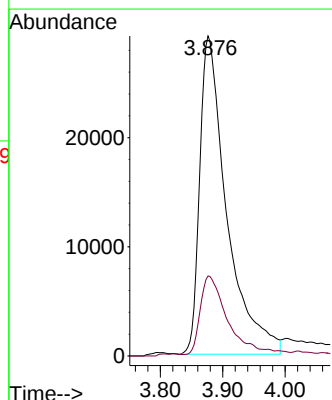
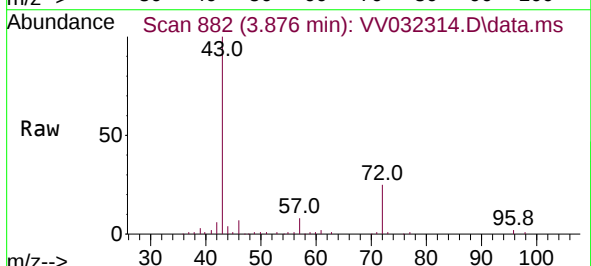
Acq: 06 Oct 2023 20:49

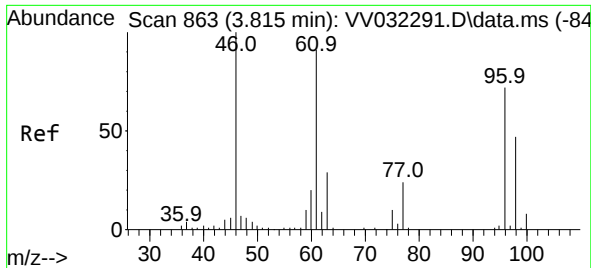
Tgt Ion: 43 Resp: 87715

Ion Ratio Lower Upper

43 100

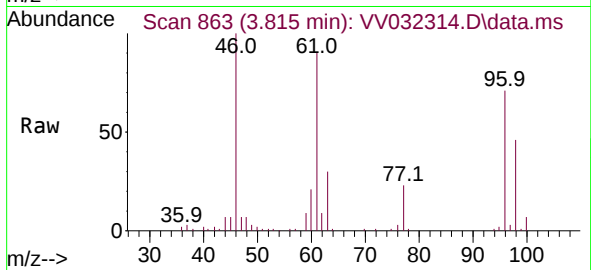
72 24.1 11.6 34.8





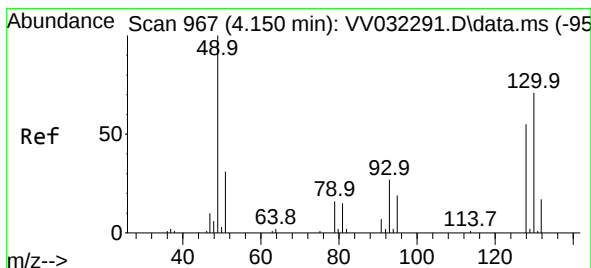
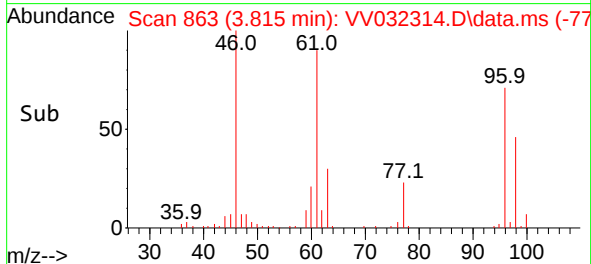
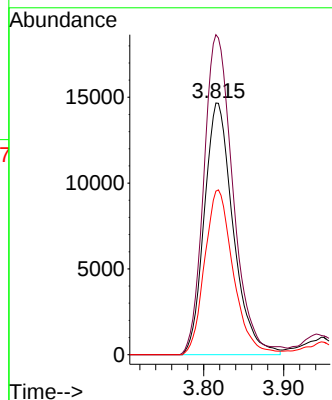
#22
 cis-1,2-Dichloroethene
 Concen: 4.475 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV032314.D
 Acq: 06 Oct 2023 20:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 36805

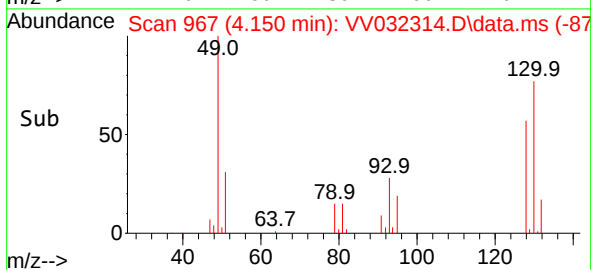
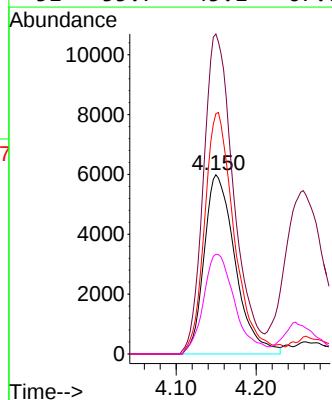
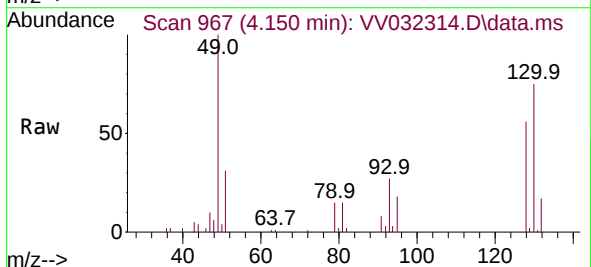
Ion	Ratio	Lower	Upper
96	100		
61	127.2	85.8	159.4
98	65.0	44.0	81.6

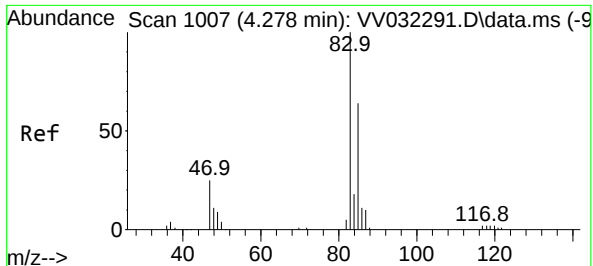


#23
 Bromochloromethane
 Concen: 4.664 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV032314.D
 Acq: 06 Oct 2023 20:49

Tgt Ion: 128 Resp: 16137

Ion	Ratio	Lower	Upper
128	100		
49	178.5	121.2	225.0
130	134.1	88.2	163.8
51	55.7	45.1	67.7





#25

Chloroform

Concen: 4.705 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

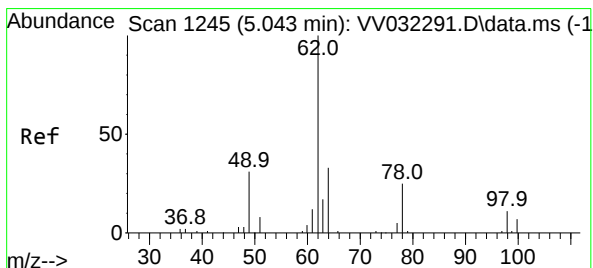
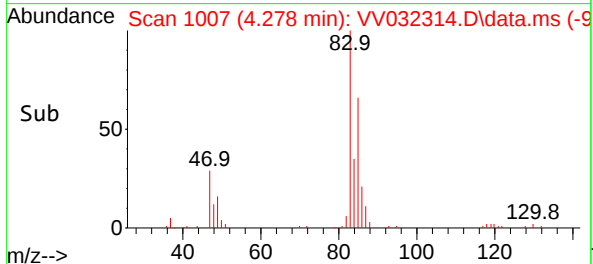
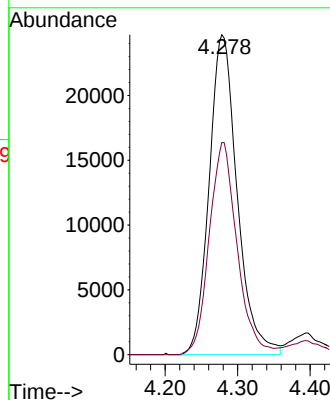
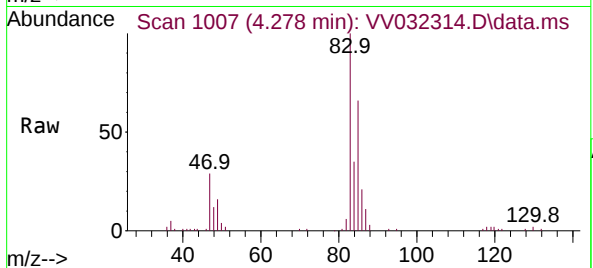
ClientSampleId :

Tgt Ion: 83 Resp: 66330

Ion Ratio Lower Upper

83 100

85 66.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.612 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV032314.D

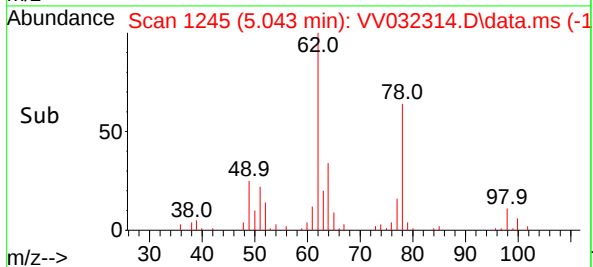
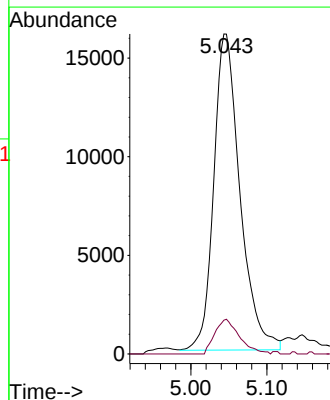
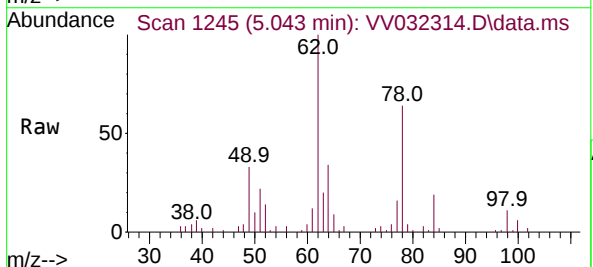
Acq: 06 Oct 2023 20:49

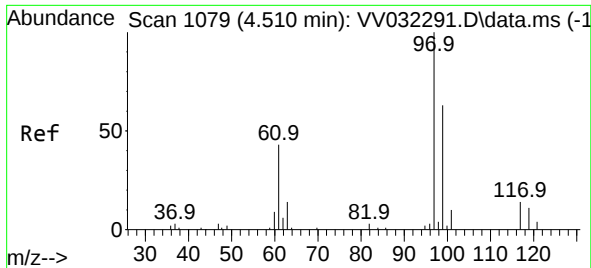
Tgt Ion: 62 Resp: 38406

Ion Ratio Lower Upper

62 100

98 10.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.123 ug/L

RT: 4.513 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :

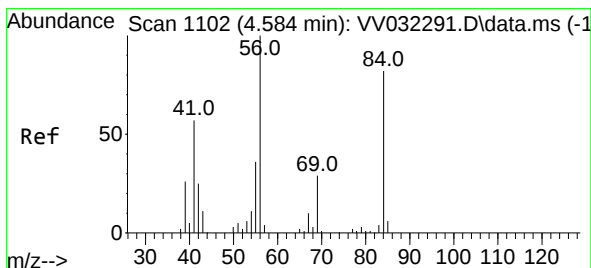
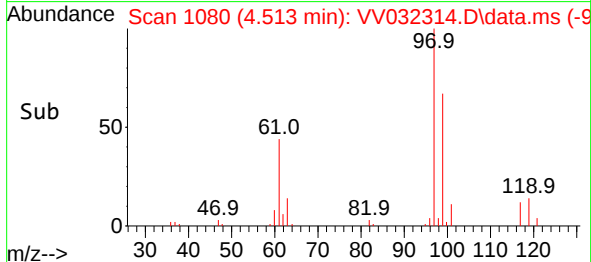
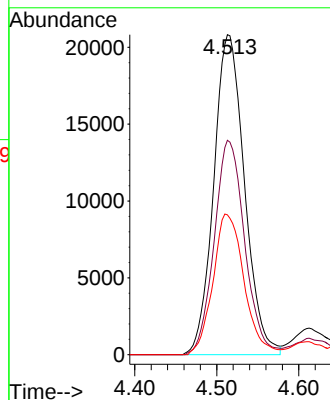
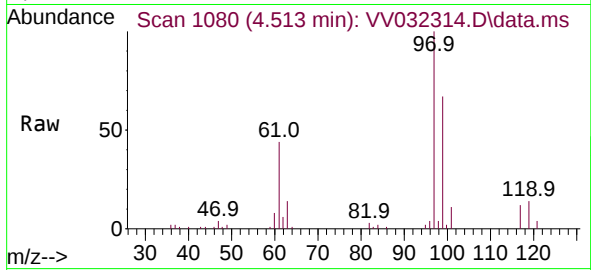
Tgt Ion: 97 Resp: 54356

Ion Ratio Lower Upper

97 100

99 66.3 50.1 75.1

61 44.3 35.1 52.7



#30

Cyclohexane

Concen: 3.804 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

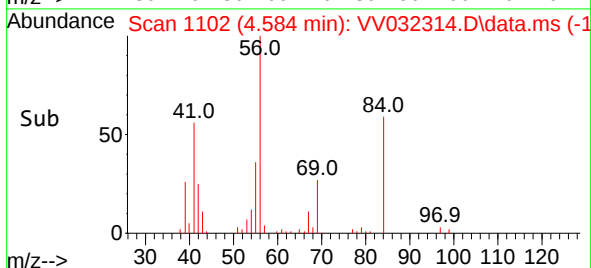
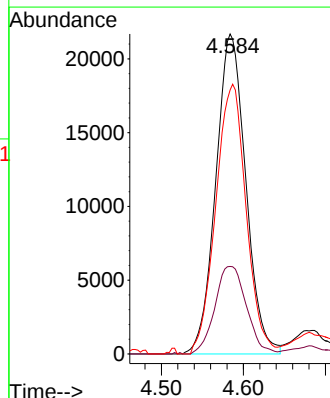
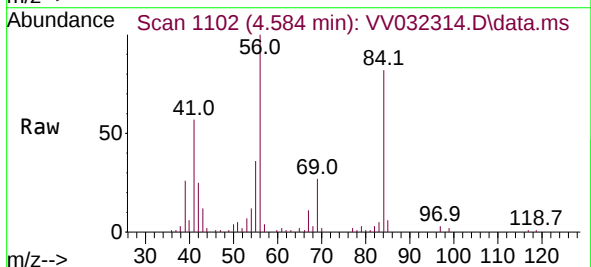
Tgt Ion: 56 Resp: 55112

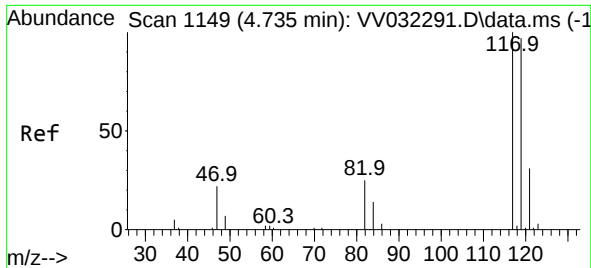
Ion Ratio Lower Upper

56 100

69 28.7 24.2 36.2

84 85.5 68.1 102.1

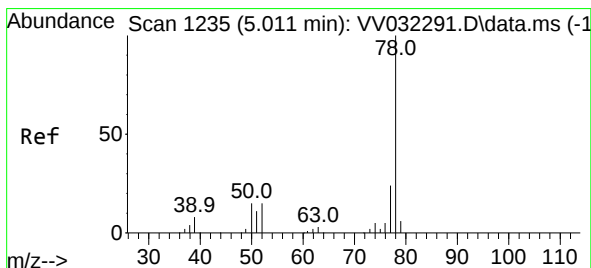
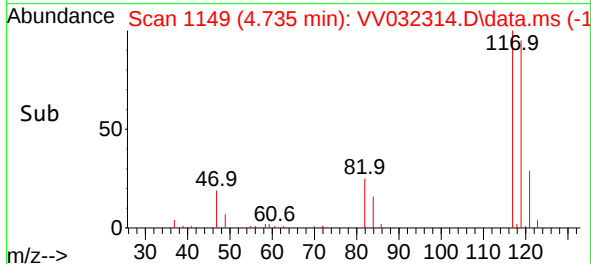
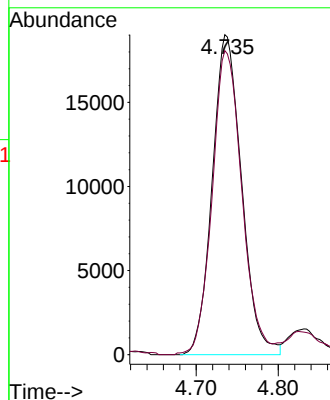
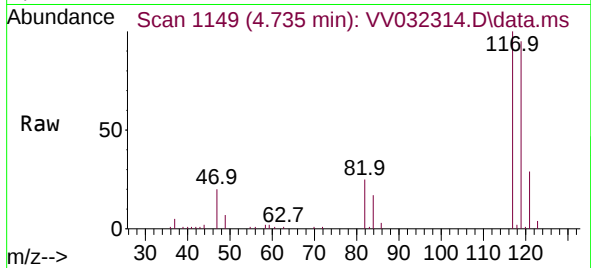




#31
Carbon tetrachloride
Concen: 4.237 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

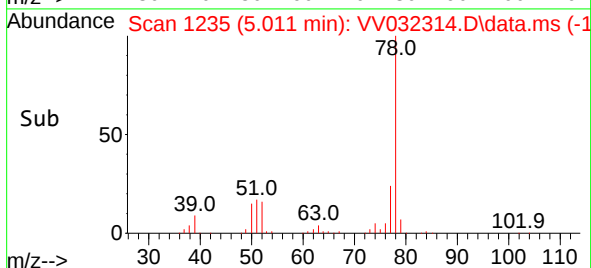
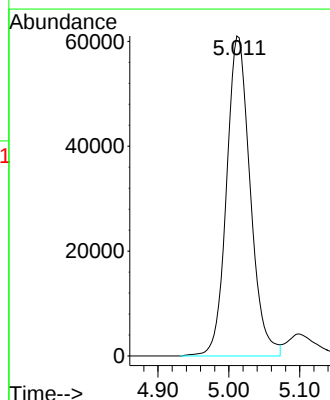
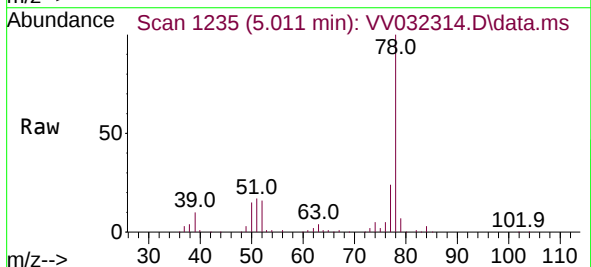
Instrument :
MSVOA_V
ClientSampleId :

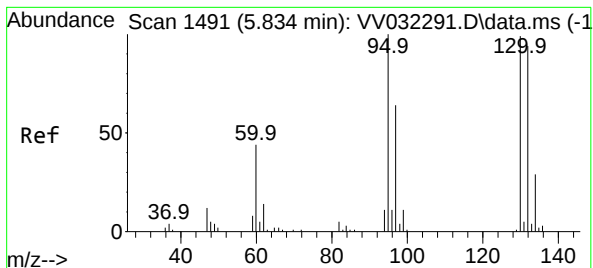
Tgt Ion:117 Resp: 47266
Ion Ratio Lower Upper
117 100
119 95.9 77.6 116.4



#33
Benzene
Concen: 4.146 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion: 78 Resp: 141556





#34

Trichloroethene

Concen: 4.178 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 38942

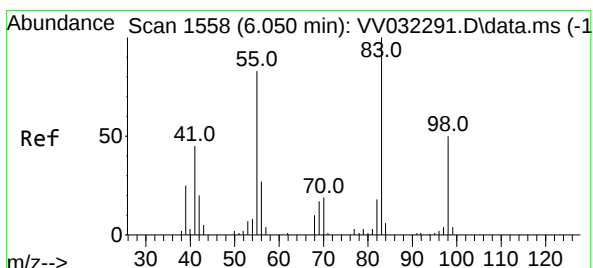
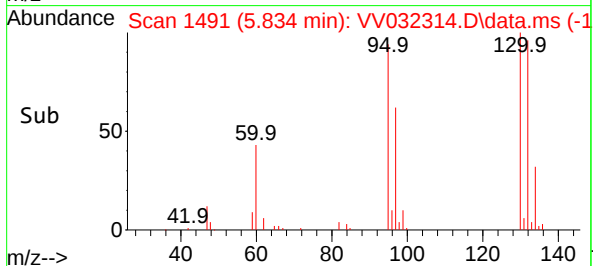
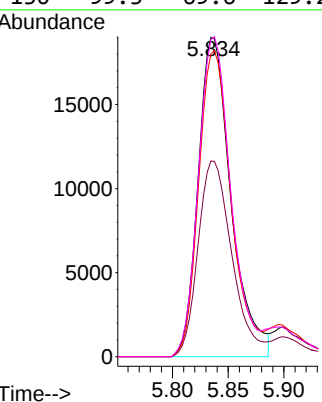
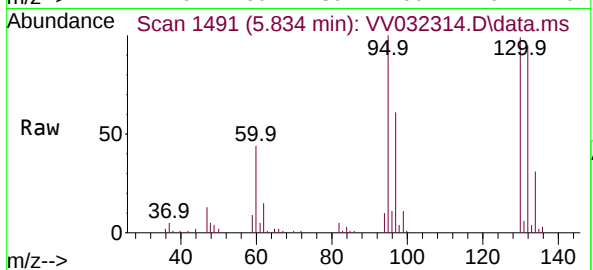
Ion Ratio Lower Upper

95 100

97 61.3 45.7 84.9

132 94.9 70.3 130.5

130 99.3 69.6 129.2



#35

Methylcyclohexane

Concen: 3.468 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

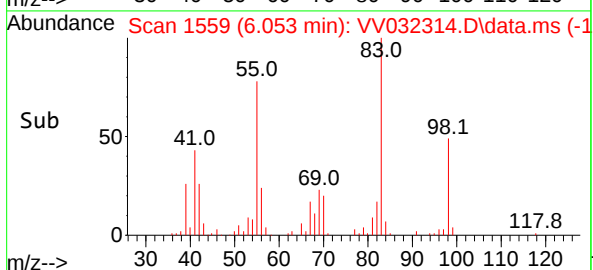
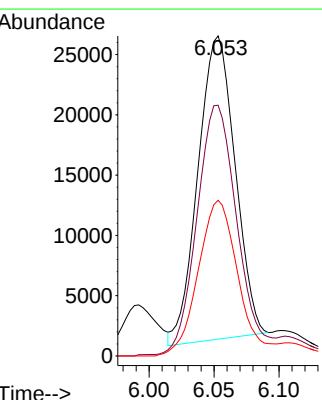
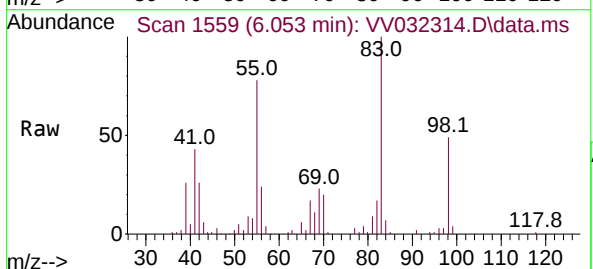
Tgt Ion: 83 Resp: 50025

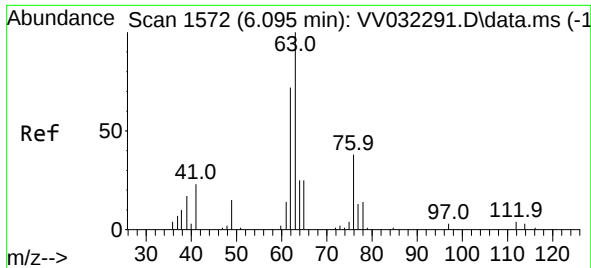
Ion Ratio Lower Upper

83 100

55 90.5 64.2 96.2

98 54.7 39.6 59.4

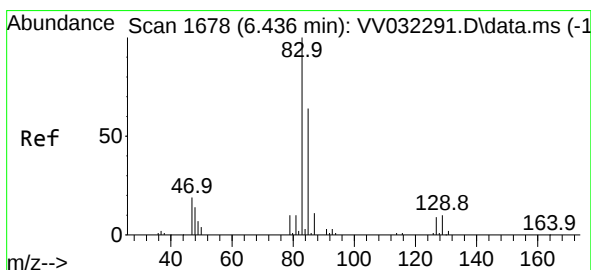
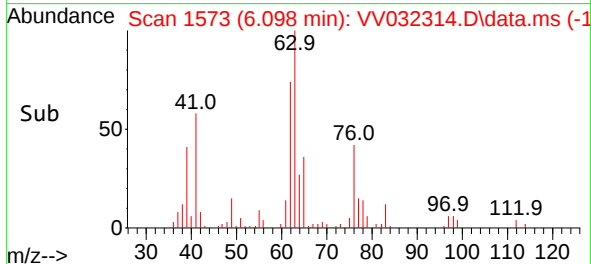
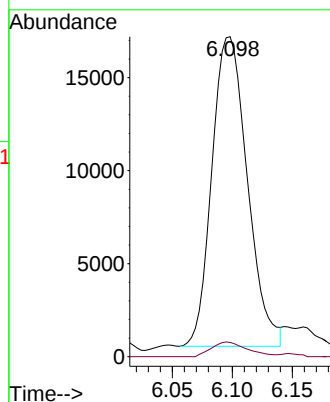
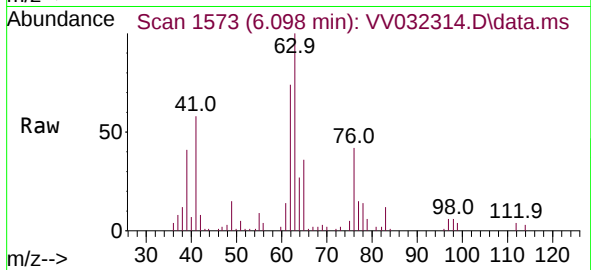




#37
1,2-Dichloropropane
Concen: 3.749 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

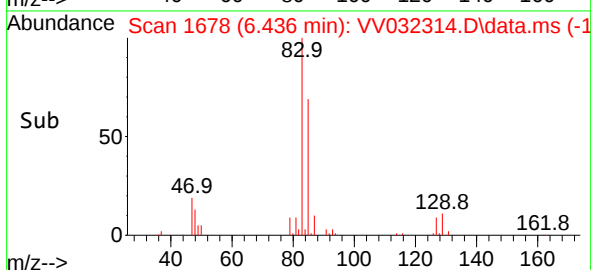
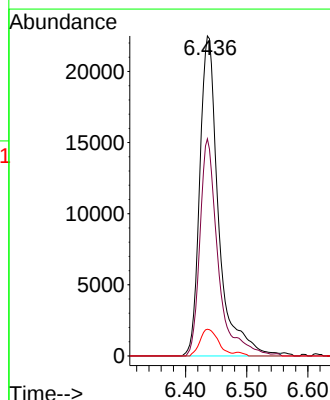
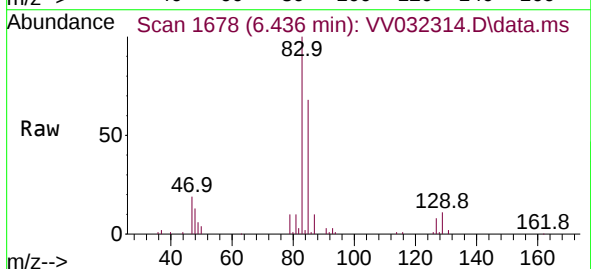
Instrument :
MSVOA_V
ClientSampleId :

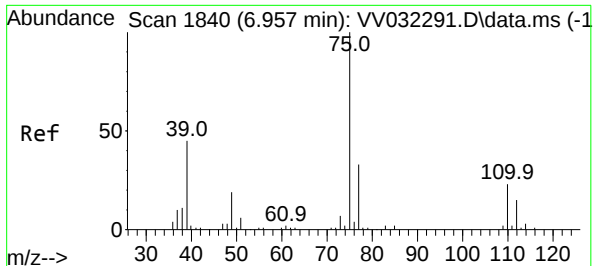
Tgt Ion: 63 Resp: 34236
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.2



#38
Bromodichloromethane
Concen: 4.454 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion: 83 Resp: 48326
Ion Ratio Lower Upper
83 100
85 67.8 44.9 83.3
127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.028 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

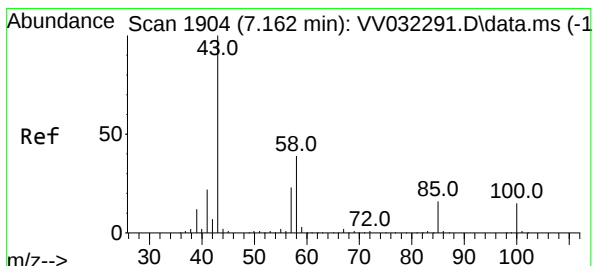
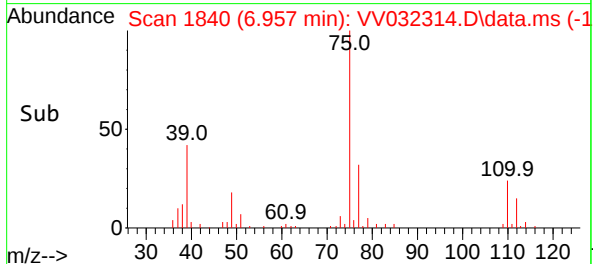
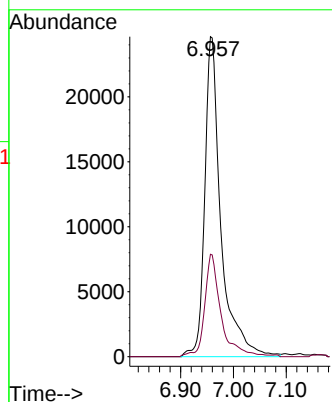
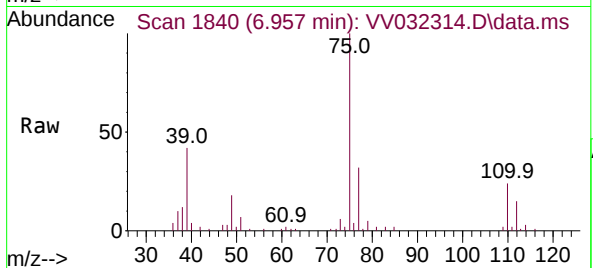
ClientSampleId :

Tgt Ion: 75 Resp: 52347

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 41.552 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

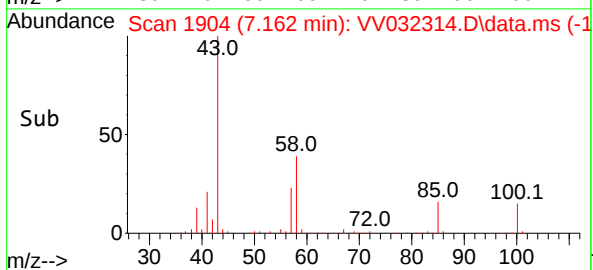
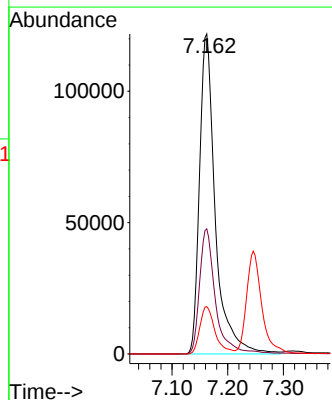
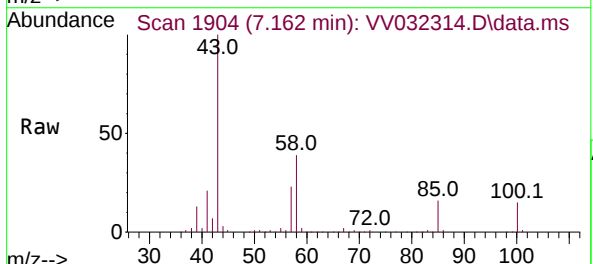
Tgt Ion: 43 Resp: 240098

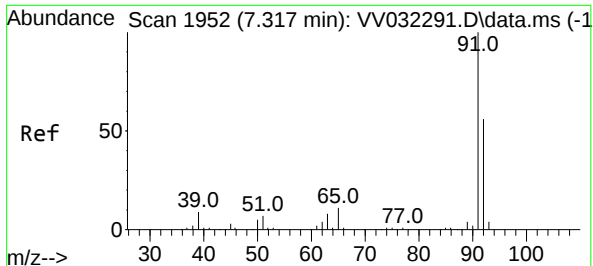
Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9

100 14.3 11.3 16.9





#42

Toluene

Concen: 4.434 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

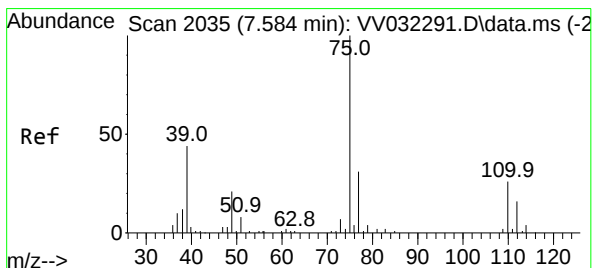
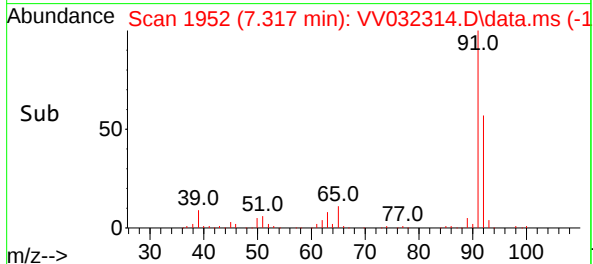
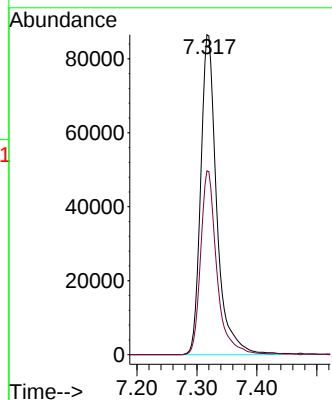
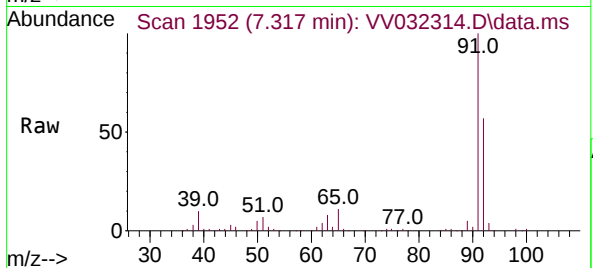
ClientSampleId :

Tgt Ion: 91 Resp: 161380

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 3.853 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032314.D

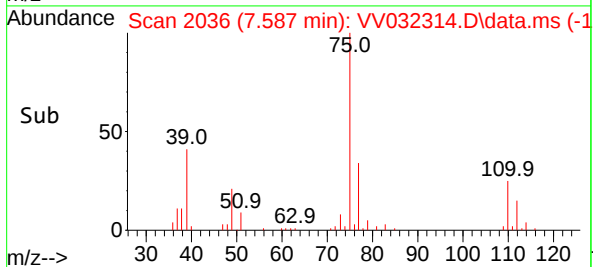
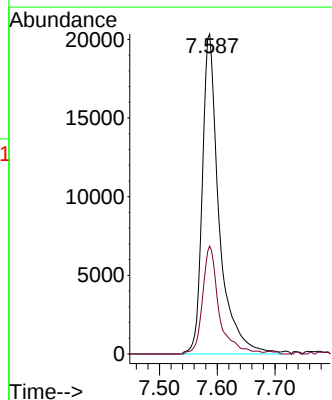
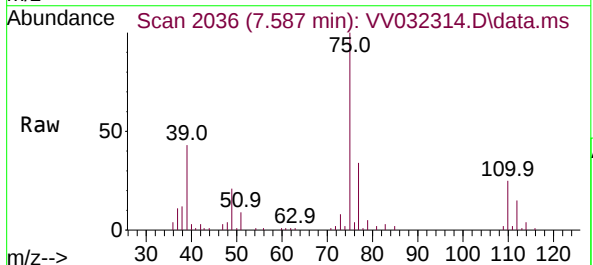
Acq: 06 Oct 2023 20:49

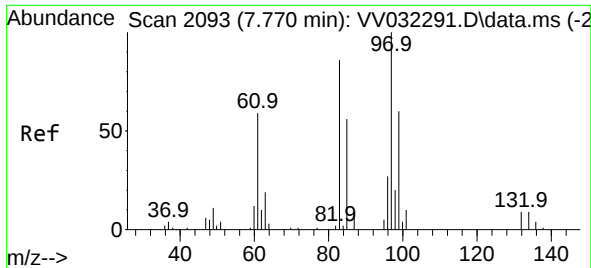
Tgt Ion: 75 Resp: 41146

Ion Ratio Lower Upper

75 100

77 33.7 22.5 41.7

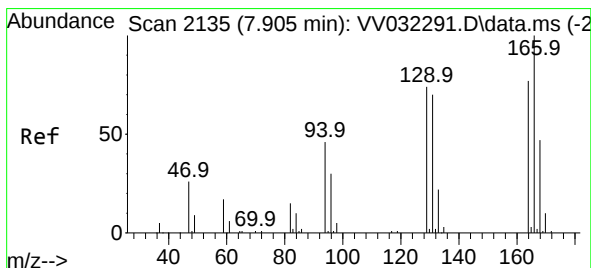
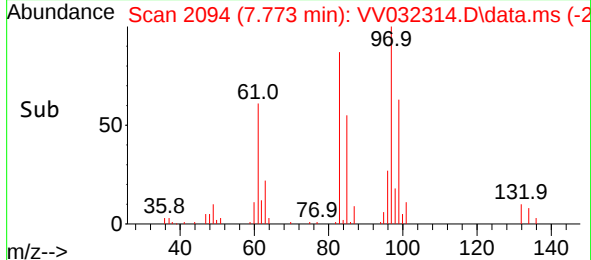
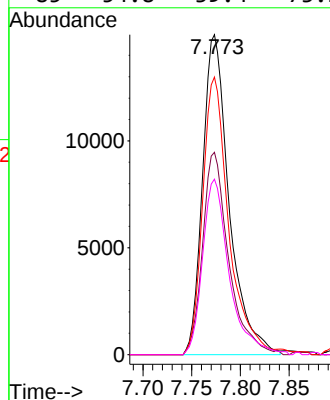
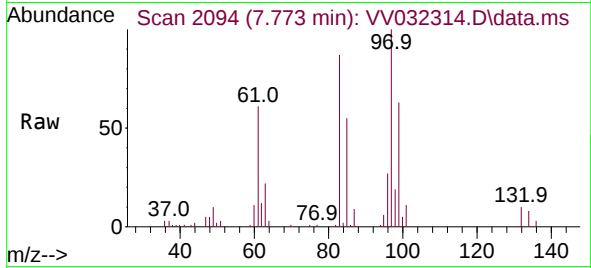




#45
1,1,2-Trichloroethane
Concen: 4.406 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

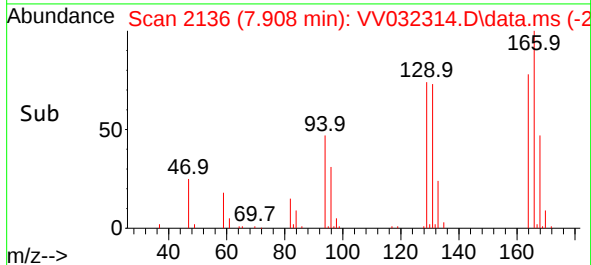
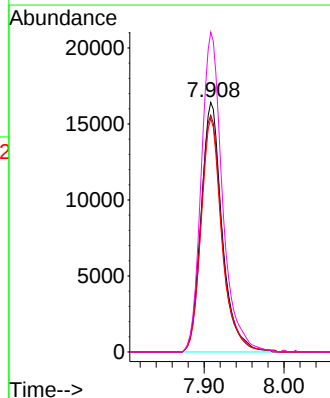
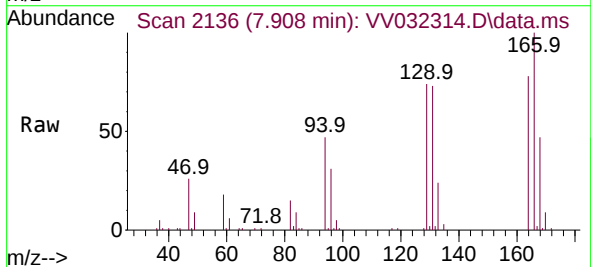
Instrument :
MSVOA_V
ClientSampleId :

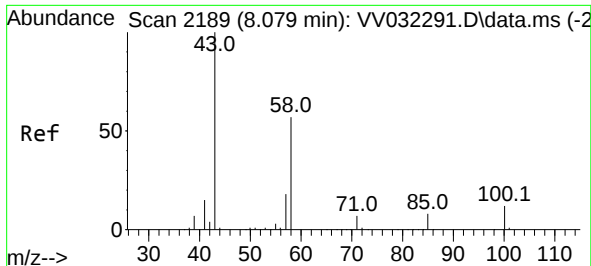
Tgt Ion:	97	Resp:	28382
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.8	79.4
83	86.8	60.9	113.1
85	54.8	39.4	73.2



#47
Tetrachloroethene
Concen: 4.271 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion:	164	Resp:	30191
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.4	123.4
131	93.6	63.7	118.3
166	128.2	87.9	163.3



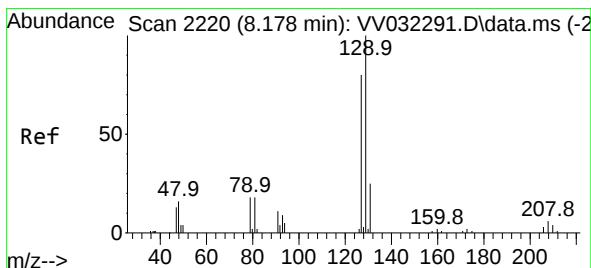
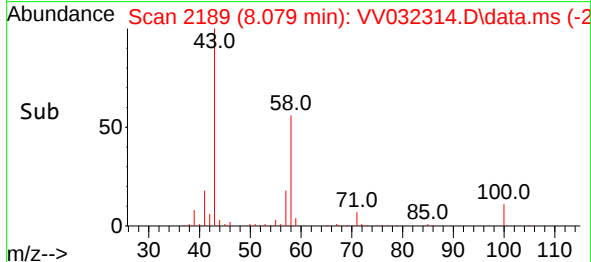
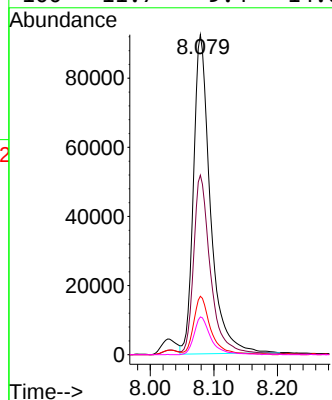
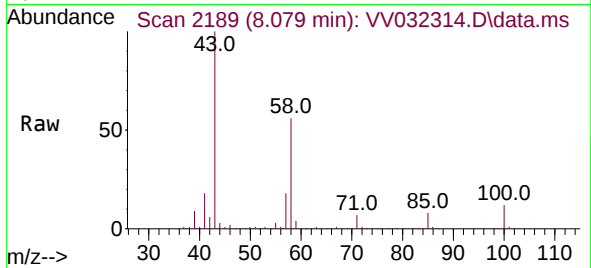


#48
2-Hexanone
Concen: 41.778 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 170323

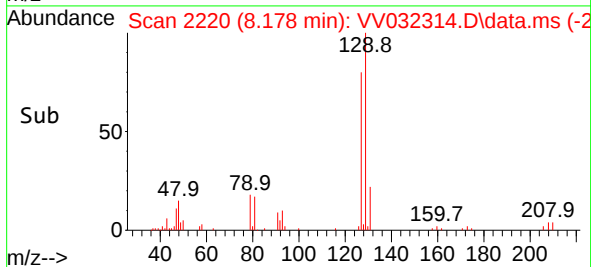
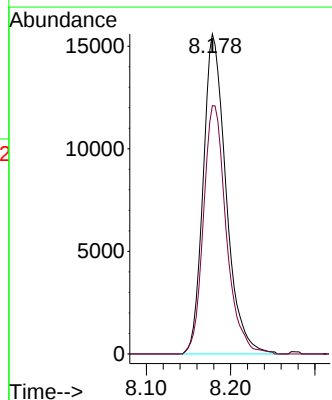
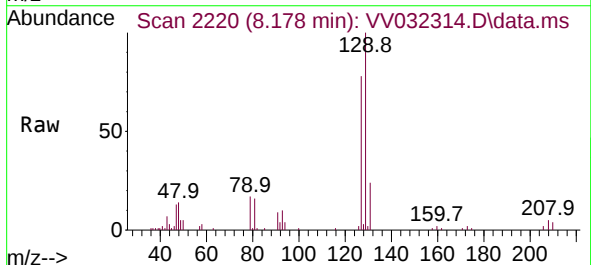
Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.6	65.4
57	17.9	14.6	22.0
100	11.7	9.4	14.0

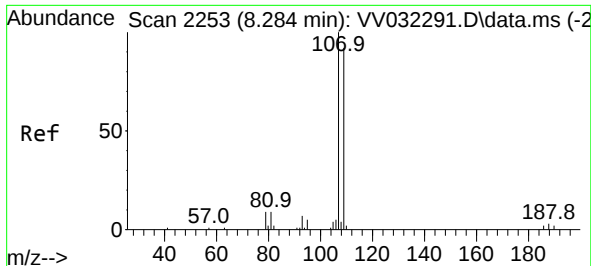


#49
Dibromochloromethane
Concen: 4.387 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion: 129 Resp: 29418

Ion	Ratio	Lower	Upper
129	100		
127	77.6	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.435 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

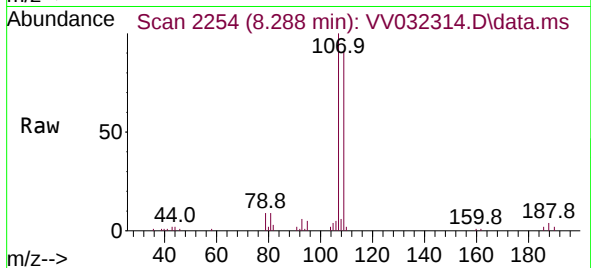
Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :



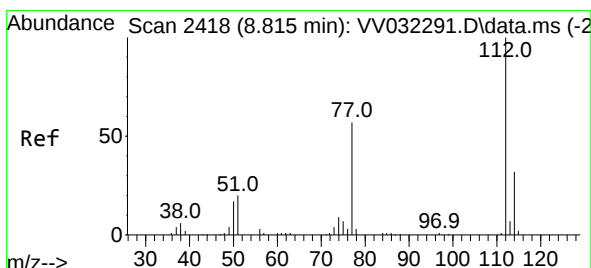
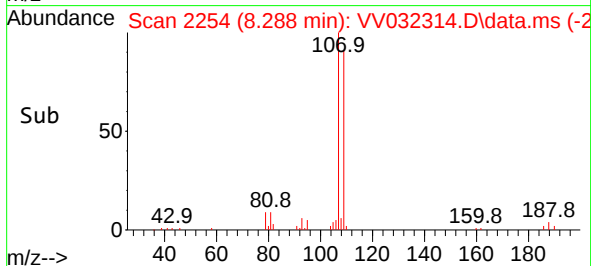
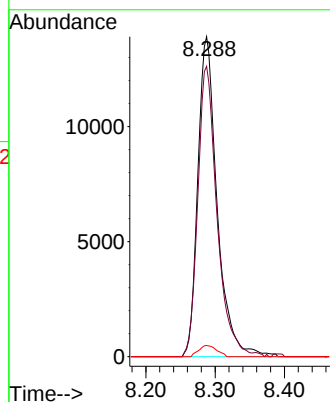
Tgt Ion:107 Resp: 27018

Ion Ratio Lower Upper

107 100

109 90.7 68.4 127.0

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 4.341 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

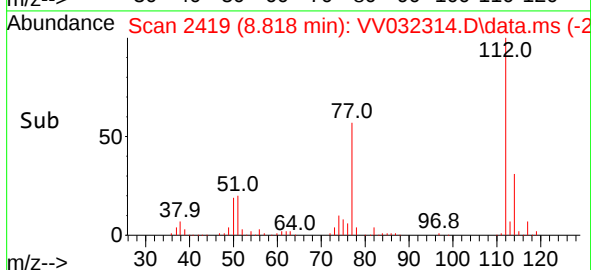
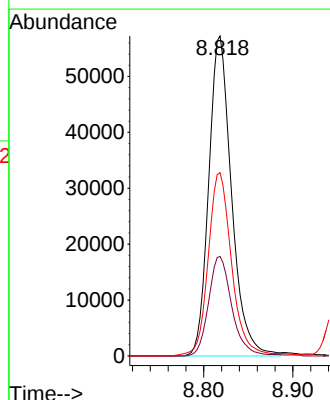
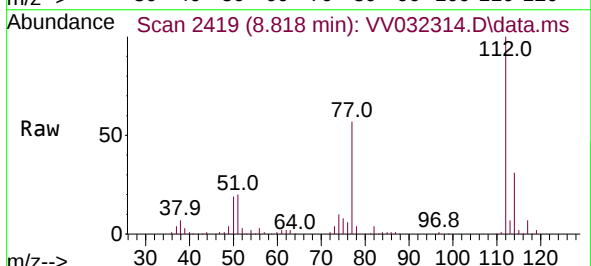
Tgt Ion:112 Resp: 101718

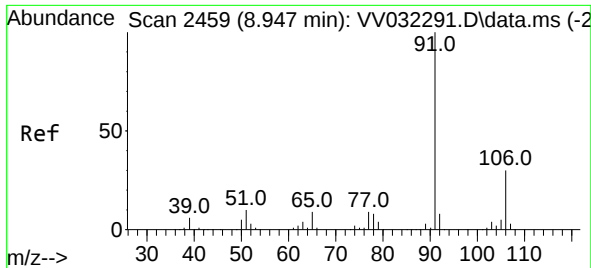
Ion Ratio Lower Upper

112 100

114 31.1 22.1 41.1

77 57.3 46.1 69.1

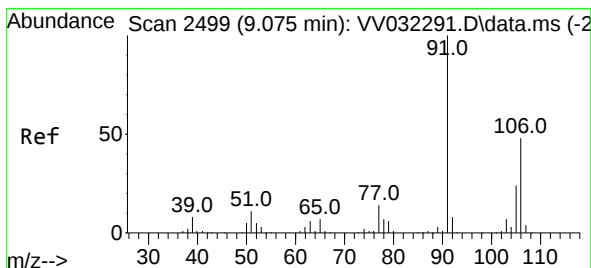
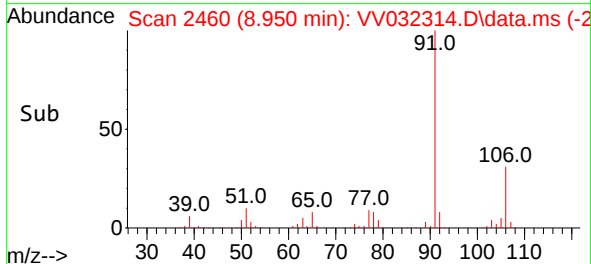
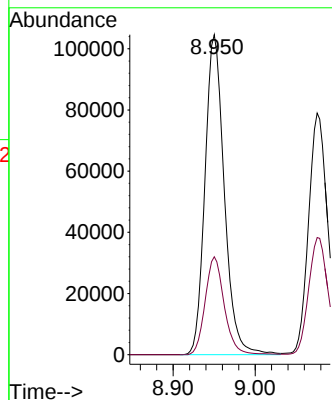
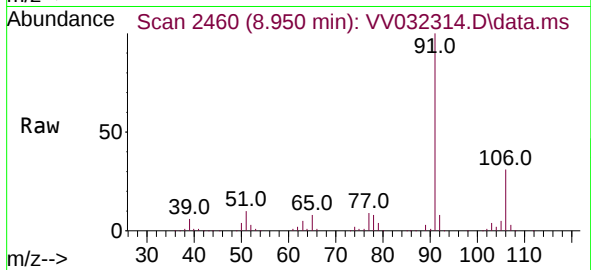




#52
Ethylbenzene
Concen: 4.229 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

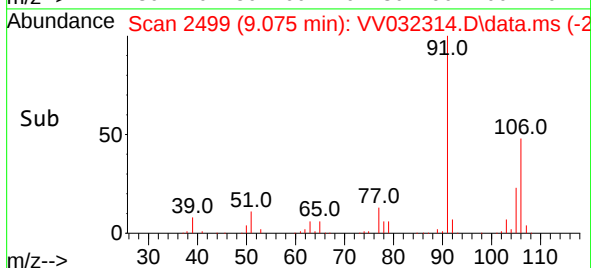
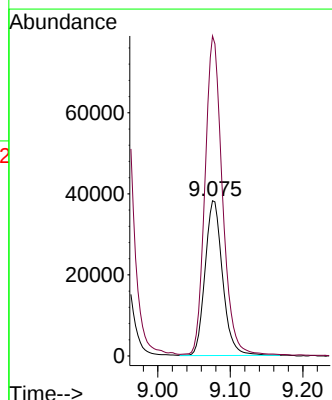
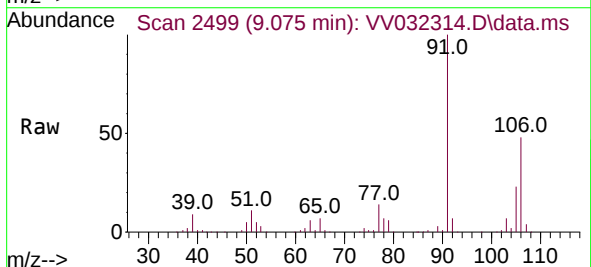
Instrument :
MSVOA_V
ClientSampleId :

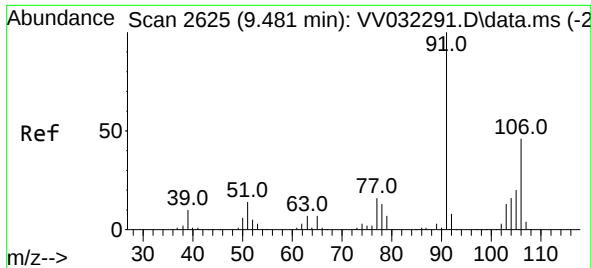
Tgt Ion: 91 Resp: 171395
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 4.267 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion: 106 Resp: 64135
Ion Ratio Lower Upper
106 100
91 206.2 144.5 268.3

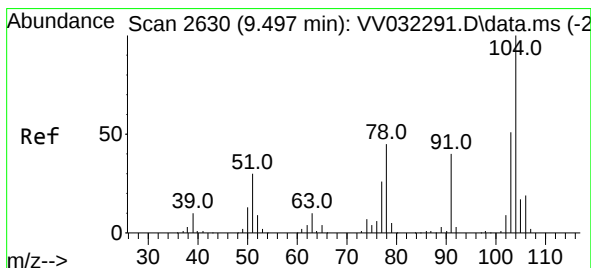
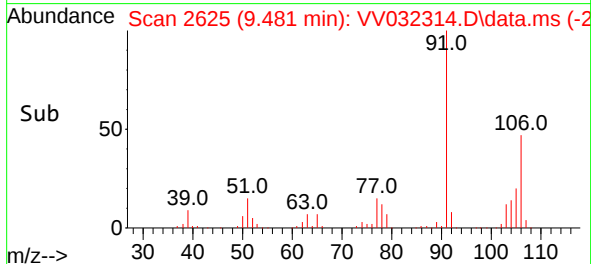
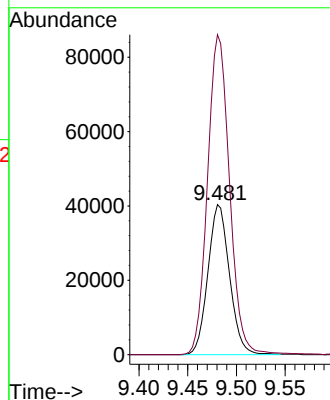
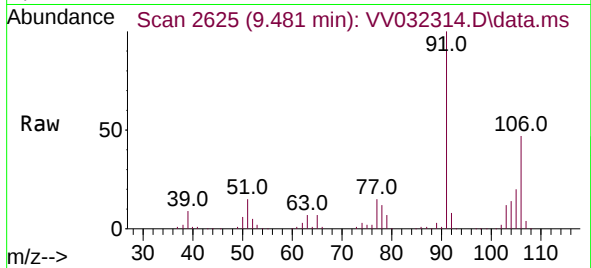




#54
o-Xylene
Concen: 4.297 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

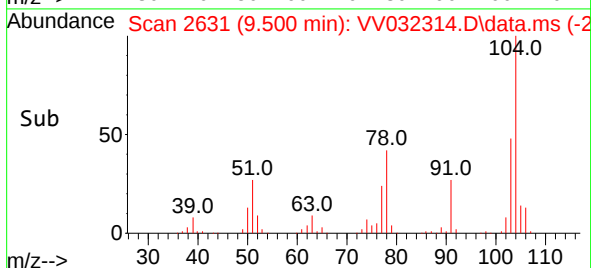
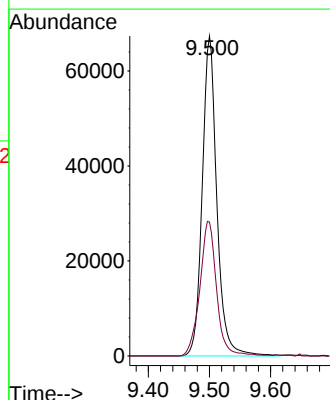
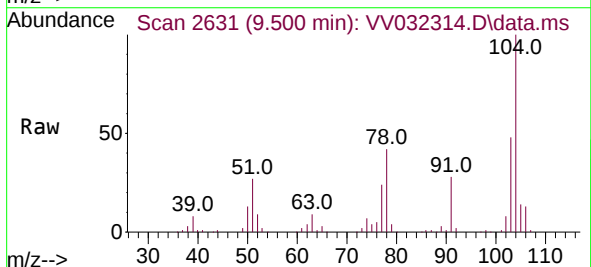
Instrument :
MSVOA_V
ClientSampleId :

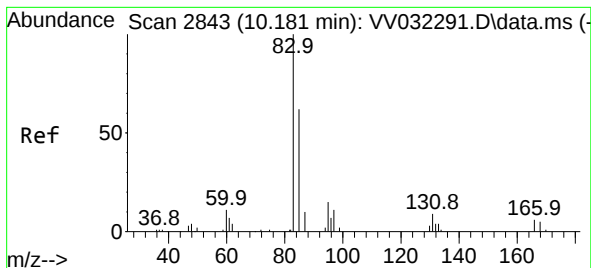
Tgt Ion:106 Resp: 62241
Ion Ratio Lower Upper
106 100
91 213.3 154.8 287.4



#55
Styrene
Concen: 4.567 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion:104 Resp: 111708
Ion Ratio Lower Upper
104 100
78 41.8 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.408 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :

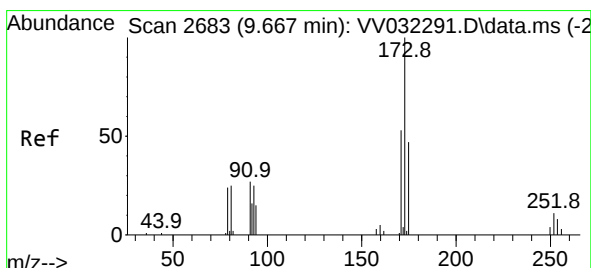
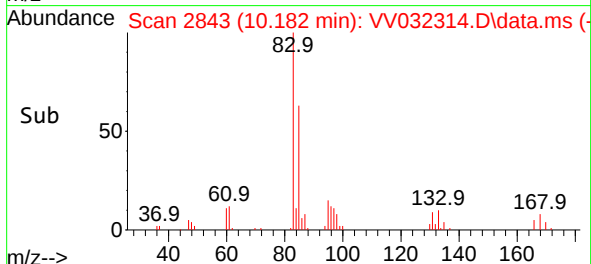
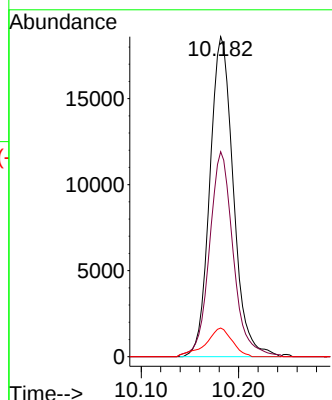
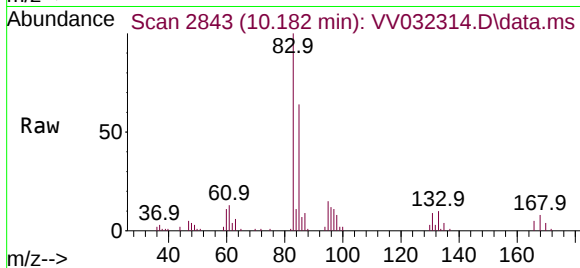
Tgt Ion: 83 Resp: 31241

Ion Ratio Lower Upper

83 100

85 64.0 43.6 81.0

131 9.0 7.0 10.6



#59

Bromoform

Concen: 4.039 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.003 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

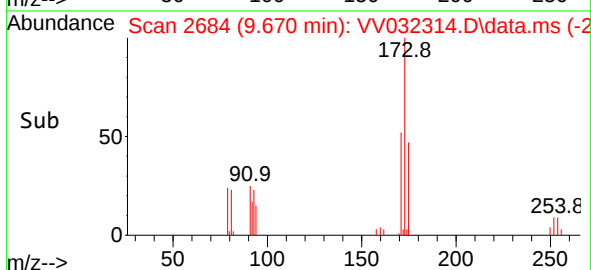
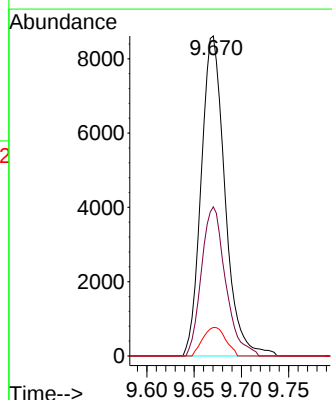
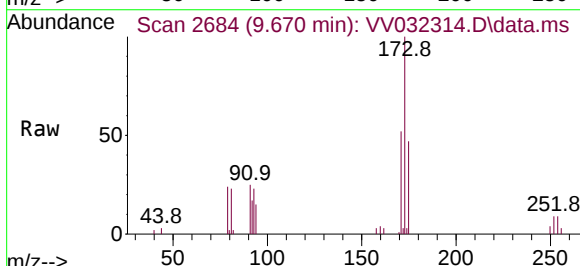
Tgt Ion: 173 Resp: 15042

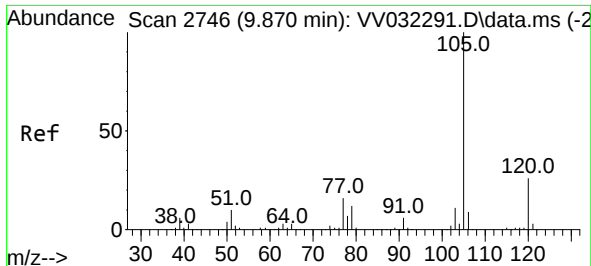
Ion Ratio Lower Upper

173 100

175 47.2 38.2 57.2

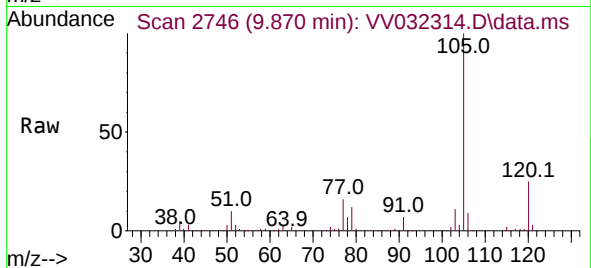
254 8.6 7.0 10.4



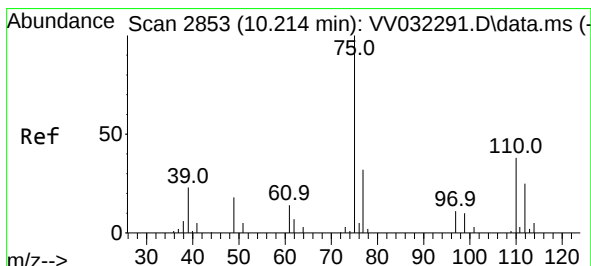
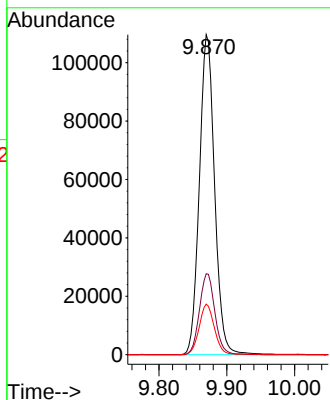
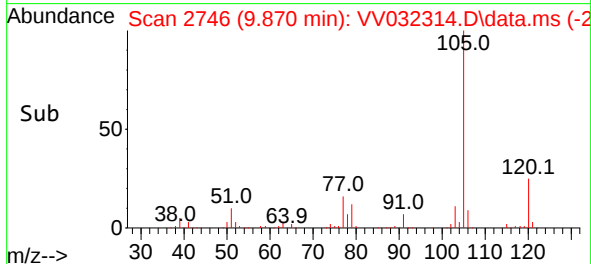


#60
Isopropylbenzene
Concen: 4.309 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

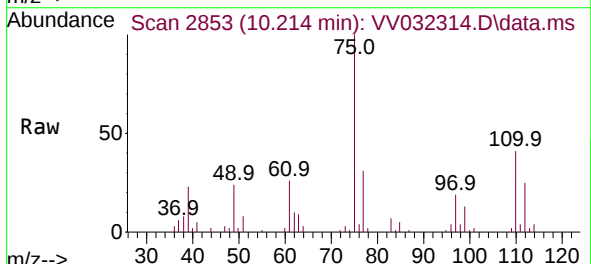
Instrument :
MSVOA_V
ClientSampleId :



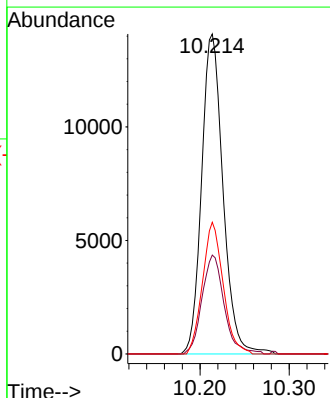
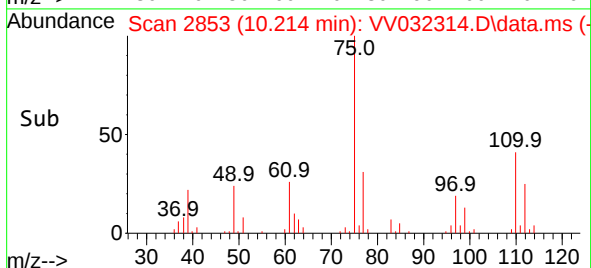
Tgt Ion:105 Resp: 171504
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 15.7 12.6 19.0

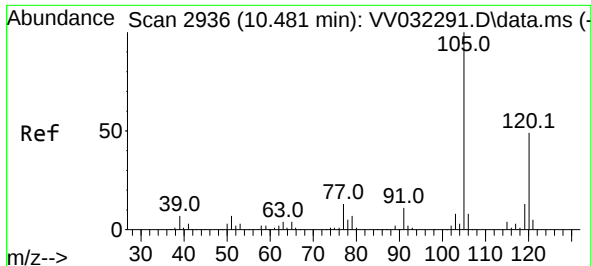


#61
1,2,3-Trichloropropane
Concen: 4.313 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49



Tgt Ion: 75 Resp: 23513
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 39.6 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.132 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

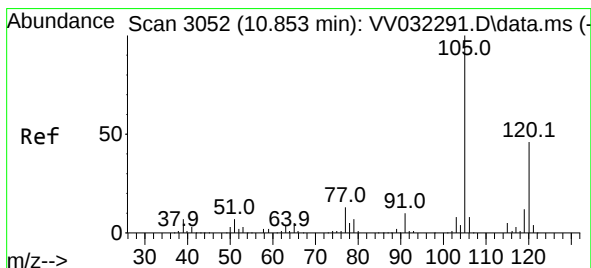
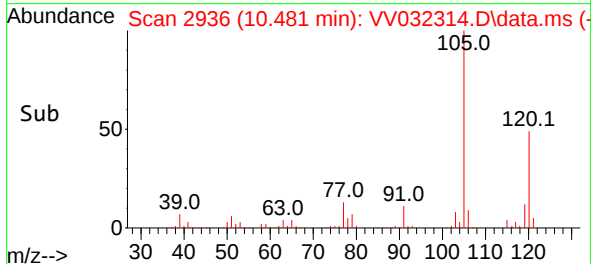
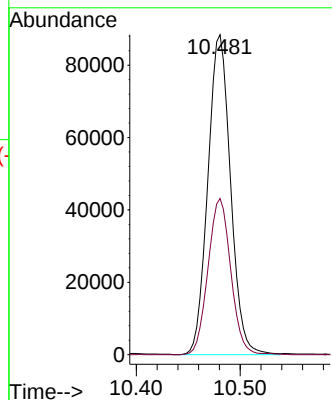
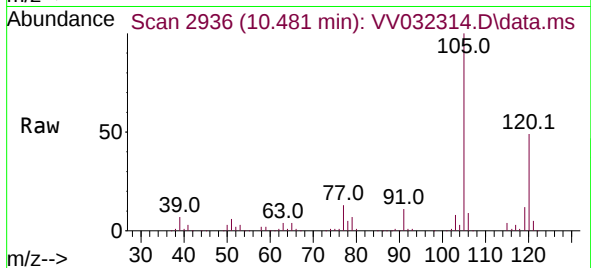
ClientSampleId :

Tgt Ion:105 Resp: 134055

Ion Ratio Lower Upper

105 100

120 49.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.218 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032314.D

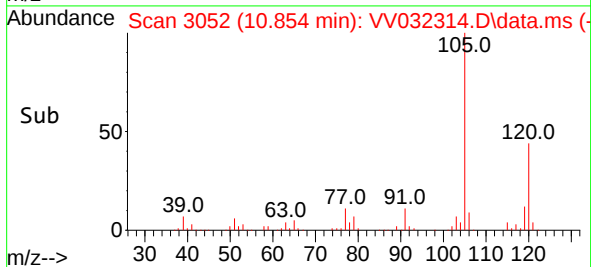
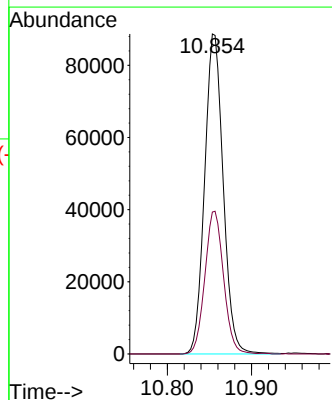
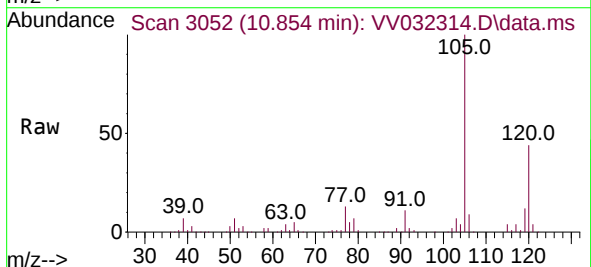
Acq: 06 Oct 2023 20:49

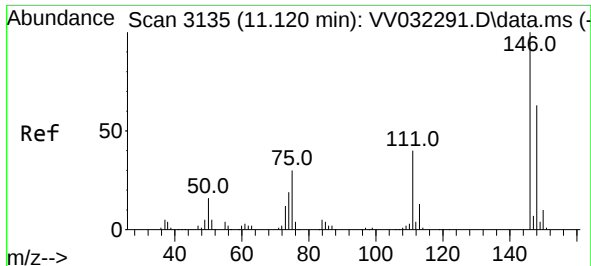
Tgt Ion:105 Resp: 136211

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4

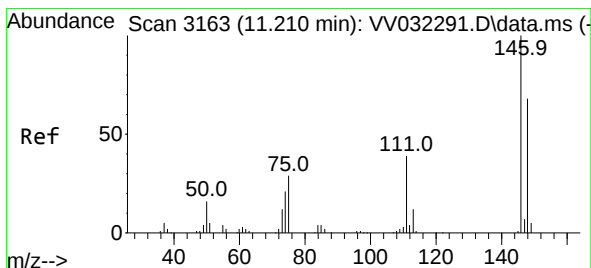
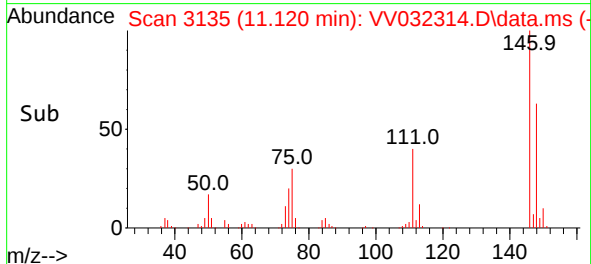
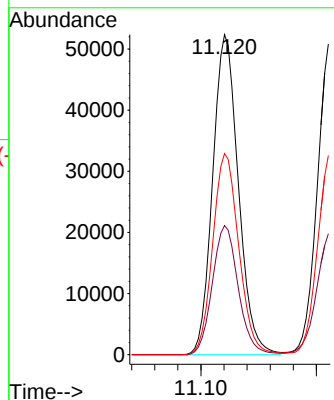
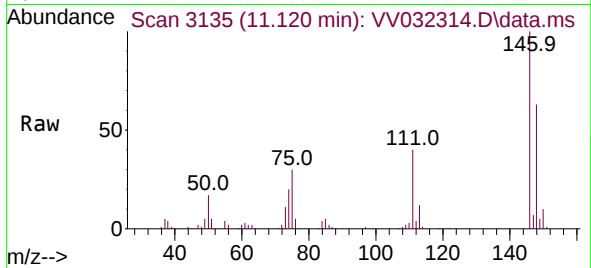




#64
1,3-Dichlorobenzene
Concen: 4.246 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

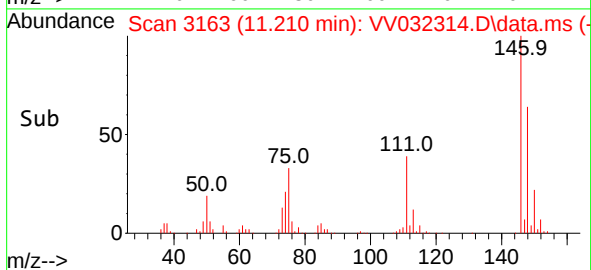
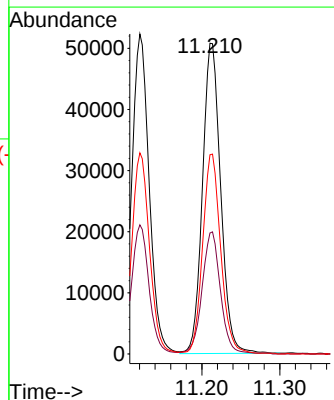
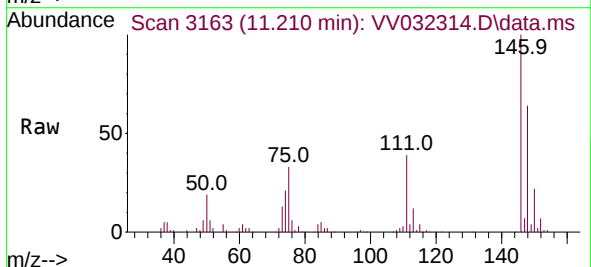
Instrument :
MSVOA_V
ClientSampleId :

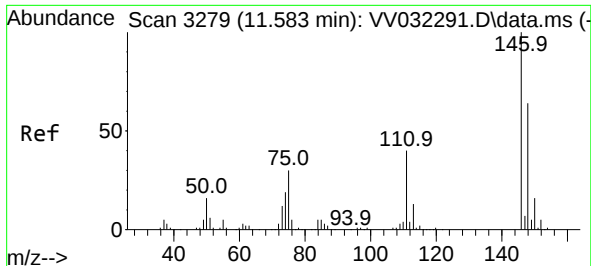
Tgt Ion:146 Resp: 80739
Ion Ratio Lower Upper
146 100
111 40.4 27.8 51.6
148 62.9 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.314 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion:146 Resp: 82298
Ion Ratio Lower Upper
146 100
111 38.9 26.9 49.9
148 64.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.235 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :

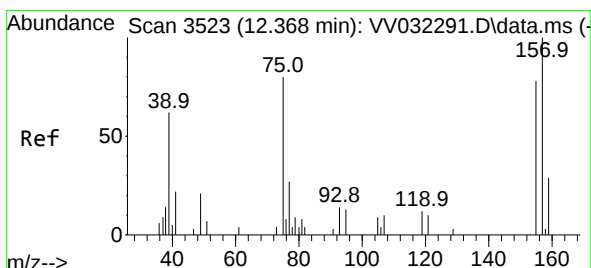
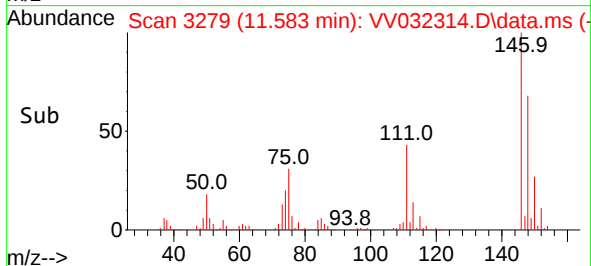
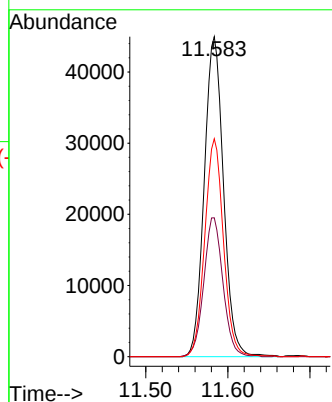
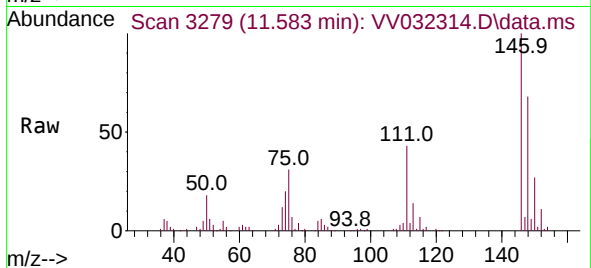
Tgt Ion:146 Resp: 73434

Ion Ratio Lower Upper

146 100

111 43.4 32.8 49.2

148 68.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.084 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

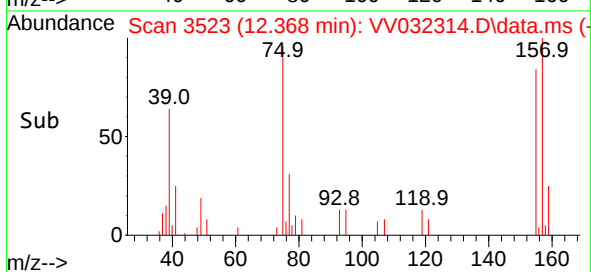
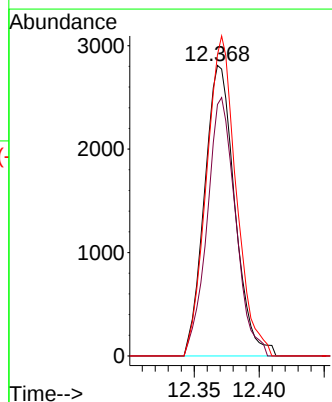
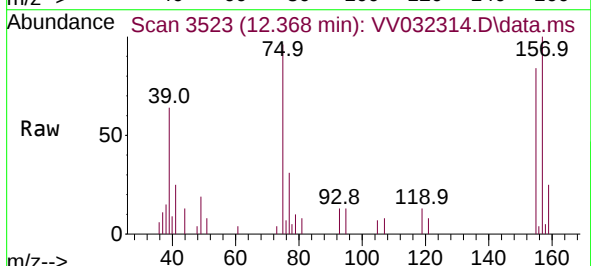
Tgt Ion: 75 Resp: 4548

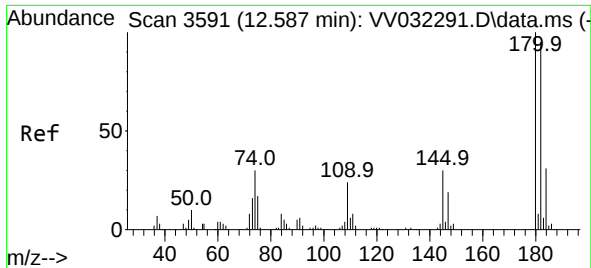
Ion Ratio Lower Upper

75 100

155 86.6 70.2 105.4

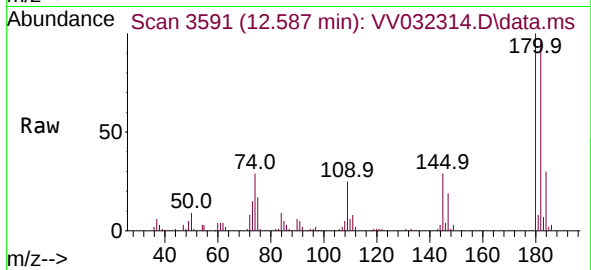
157 103.7 90.6 135.8



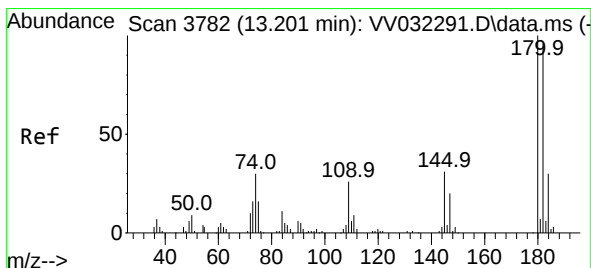
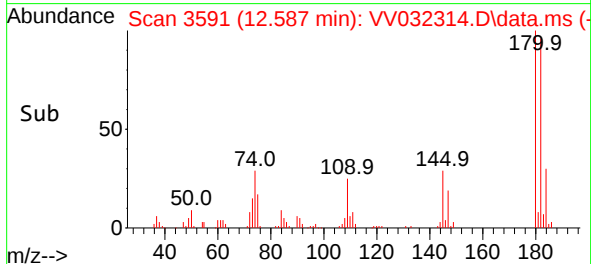
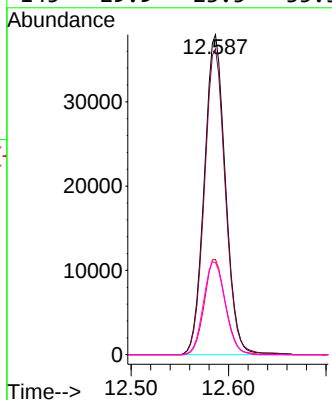


#69
1,3,5-Trichlorobenzene
Concen: 4.117 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Instrument :
MSVOA_V
ClientSampleId :

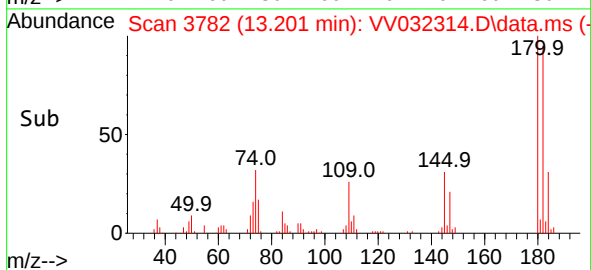
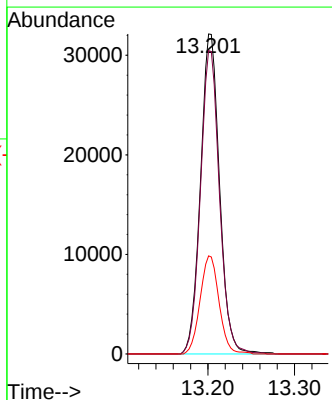
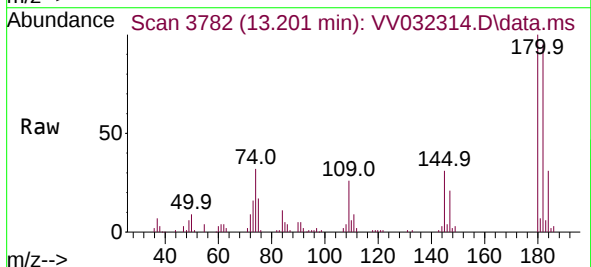


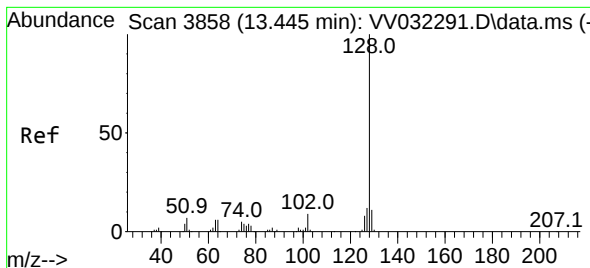
Tgt Ion:180 Resp: 57327
Ion Ratio Lower Upper
180 100
182 95.3 74.6 112.0
184 29.8 24.1 36.1
145 29.9 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 3.974 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032314.D
Acq: 06 Oct 2023 20:49

Tgt Ion:180 Resp: 49085
Ion Ratio Lower Upper
180 100
182 94.5 76.5 114.7
145 30.4 24.3 36.5





#71

Naphthalene

Concen: 3.847 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.003 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Instrument :

MSVOA_V

ClientSampleId :

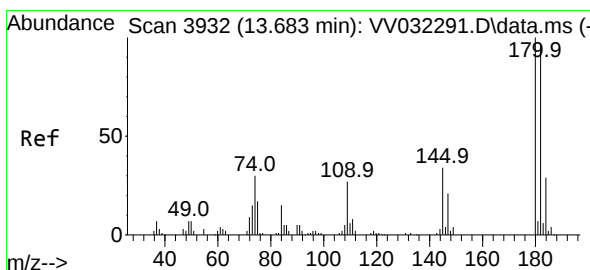
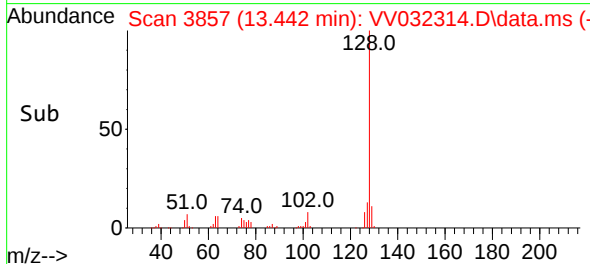
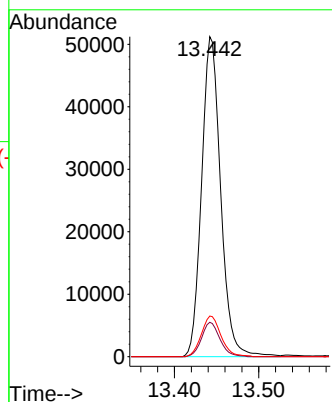
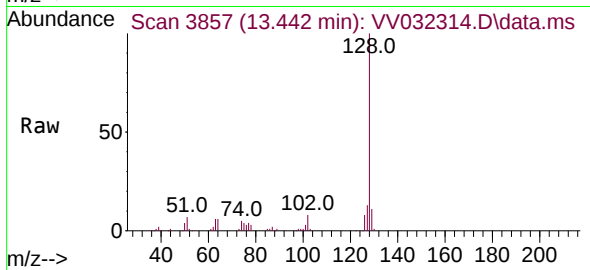
Tgt Ion:128 Resp: 80709

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

127 13.1 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.150 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032314.D

Acq: 06 Oct 2023 20:49

Tgt Ion:180 Resp: 44170

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

145 33.3 25.7 38.5

