

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032673.D
 Acq On : 27 Oct 2023 10:16
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 23:37:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	139484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	157526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	75858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	5464	0.478	ug/L	0.00
7) Chloroethane-d5	1.532	69	4800	0.514	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	2575	0.533	ug/L	0.00
20) 2-Butanone-d5	3.870	46	2211	0.790	ug/L	0.04
24) Chloroform-d	4.249	84	3475	0.174	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	4492	0.475	ug/L	0.01
32) Benzene-d6	4.690	84	1033	0.023	ug/L	-0.27
36) 1,2-Dichloropropane-d6	6.001	67	5168	0.354	ug/L	0.01
41) Toluene-d8	7.255	98	16111	0.388	ug/L	0.01
43) trans-1,3-Dichloroprop...	7.574	79	2216	0.425	ug/L	0.02
46) 2-Hexanone-d5	8.046	63	6116	2.541	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4707	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	6299	0.462	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	7853	0.509	ug/L	97
3) Chloromethane	1.217	50	9643	0.600	ug/L	89
5) Vinyl chloride	1.281	62	9172	0.595	ug/L	92
6) Bromomethane	1.487	94	5498	0.598	ug/L	99
8) Chloroethane	1.551	64	6684	0.710	ug/L	95
9) Trichlorofluoromethane	1.712	101	10918	0.575	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7030	0.615	ug/L	95
12) 1,1-Dichloroethene	2.072	96	6072	0.563	ug/L	85
13) Acetone	2.153	43	6324	2.834	ug/L	87
14) Carbon disulfide	2.240	76	19993	0.542	ug/L	99
15) Methyl Acetate	2.397	43	1973	0.404	ug/L	99
16) Methylene chloride	2.449	84	9250	0.664	ug/L	90
17) Methyl tert-butyl Ether	2.709	73	13717	0.493	ug/L #	89
18) trans-1,2-Dichloroethene	2.696	96	6138	0.512	ug/L	86
19) 1,1-Dichloroethane	3.114	63	11124	0.501	ug/L	99
21) 2-Butanone	3.934	43	4289	1.251	ug/L	99
22) cis-1,2-Dichloroethene	3.831	96	6048	0.477	ug/L	96
23) Bromochloromethane	4.166	128	2763	0.506	ug/L	77
25) Chloroform	4.288	83	11871	0.532	ug/L	100
27) 1,2-Dichloroethane	5.063	62	8372	0.628	ug/L #	84
29) 1,1,1-Trichloroethane	4.519	97	10809	0.512	ug/L	100
30) Cyclohexane	4.587	56	8482	0.382	ug/L #	93
31) Carbon tetrachloride	4.738	117	9330	0.517	ug/L	99
33) Benzene	5.014	78	23129	0.425	ug/L	100
34) Trichloroethene	5.844	95	7260	0.493	ug/L	95
35) Methylcyclohexane	6.050	83	10098	0.442	ug/L	97
37) 1,2-Dichloropropane	6.104	63	5720	0.401	ug/L #	96
38) Bromodichloromethane	6.442	83	9575	0.552	ug/L	90
39) cis-1,3-Dichloropropene	6.969	75	8234	0.397	ug/L	98
40) 4-Methyl-2-pentanone	7.172	43	33468	3.686	ug/L	94
42) Toluene	7.323	91	26856	0.452	ug/L	97
44) trans-1,3-Dichloropropene	7.593	75	7289	0.425	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
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Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 23:37:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

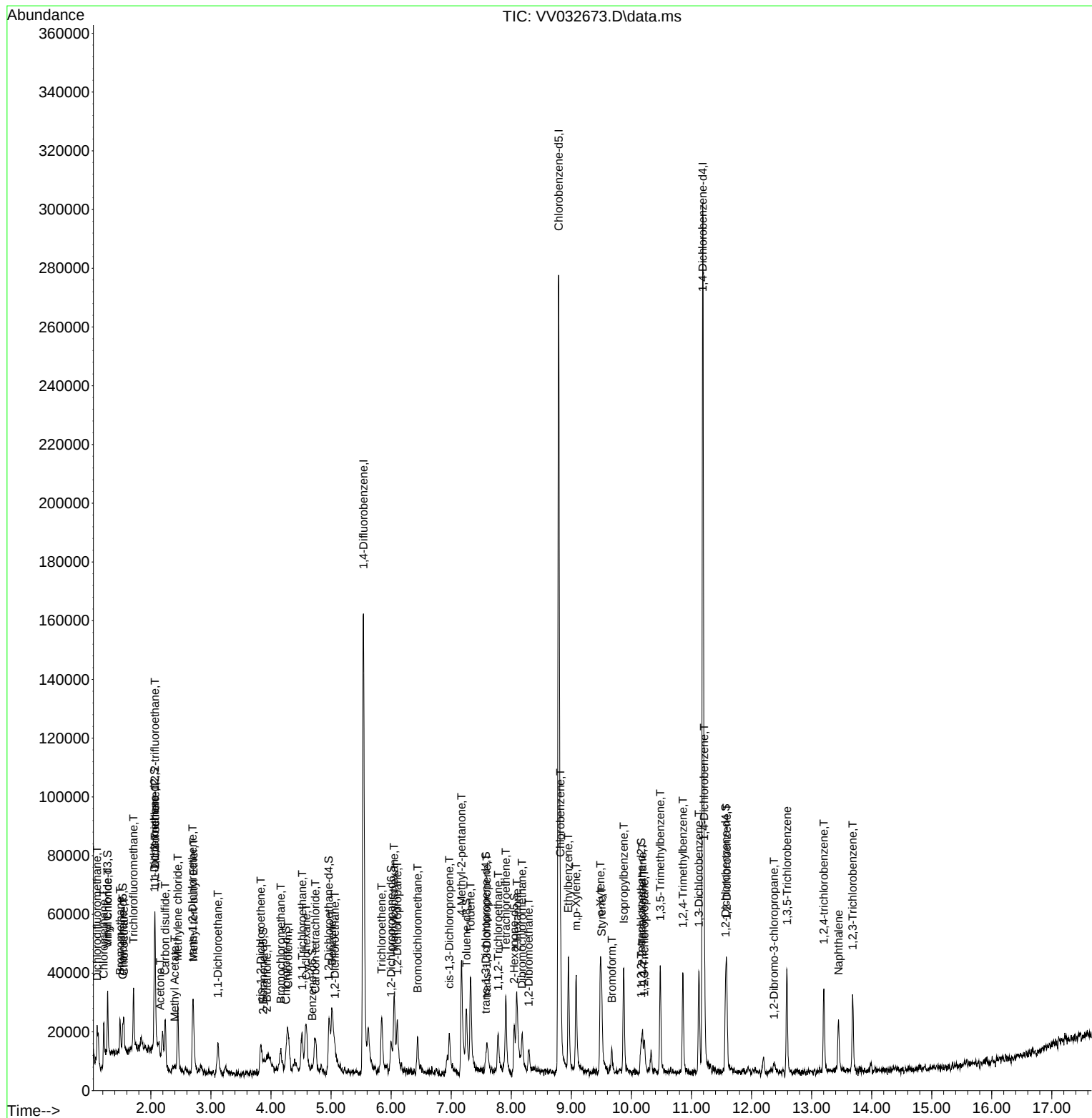
45) 1,1,2-Trichloroethane	7.780	97	5318	0.513	ug/L	86
47) Tetrachloroethene	7.908	164	6209	0.535	ug/L	87
48) 2-Hexanone	8.095	43	21596	3.388	ug/L	98
49) Dibromochloromethane	8.181	129	6197	0.558	ug/L	89
50) 1,2-Dibromoethane	8.291	107	4831	0.493	ug/L #	99
51) Chlorobenzene	8.818	112	19020	0.499	ug/L	96
52) Ethylbenzene	8.950	91	27043	0.415	ug/L	94
53) m,p-Xylene	9.082	106	9939	0.410	ug/L	96
54) o-Xylene	9.484	106	9505	0.405	ug/L	95
55) Styrene	9.506	104	14392	0.365	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	5925	0.514	ug/L #	95
59) Bromoform	9.673	173	3085	0.550	ug/L	96
60) Isopropylbenzene	9.873	105	23336	0.405	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	4684	0.583	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.480	105	18471	0.393	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	17346	0.371	ug/L	94
64) 1,3-Dichlorobenzene	11.123	146	14088	0.501	ug/L	97
65) 1,4-Dichlorobenzene	11.213	146	15036	0.534	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	13205	0.516	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	1300	0.785	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	10440	0.512	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	8876	0.496	ug/L	94
71) Naphthalene	13.448	128	14725	0.491	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7224	0.466	ug/L	97

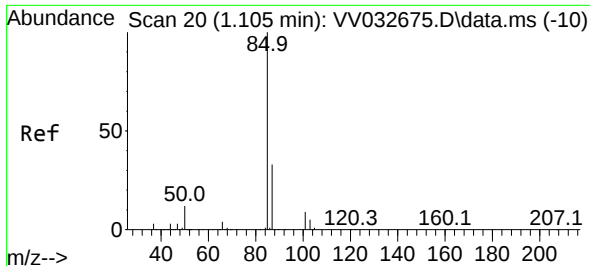
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Data File : VW032673.D  
Acq On    : 27 Oct 2023  10:16  
Operator  : SY/MD  
Sample    : VSTD0.5  
Misc      : 25.0mL/MSVOA_V/WATER  
ALS Vial  : 3      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 27 23:37:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 27 23:36:39 2023
Response via : Initial Calibration

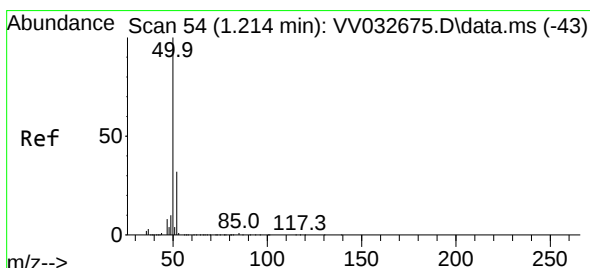
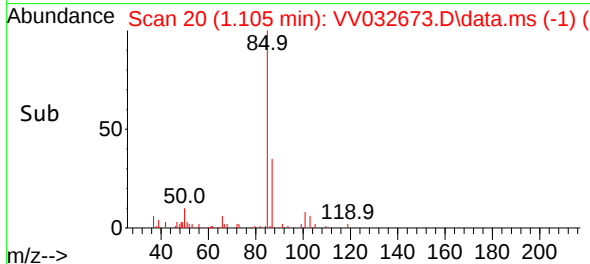
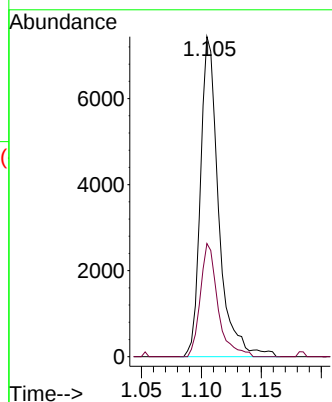
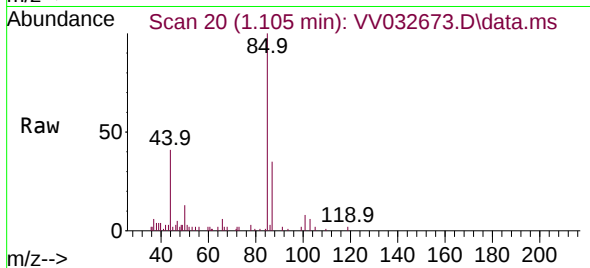




#2
 Dichlorodifluoromethane
 Concen: 0.509 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

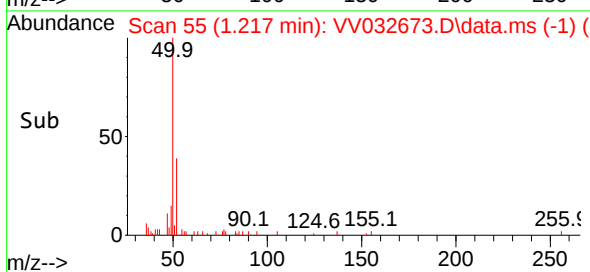
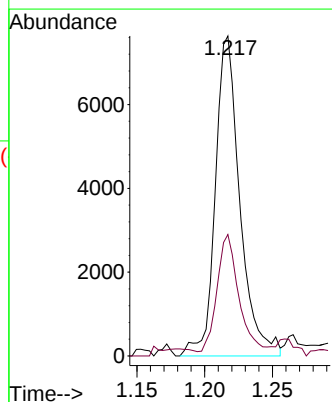
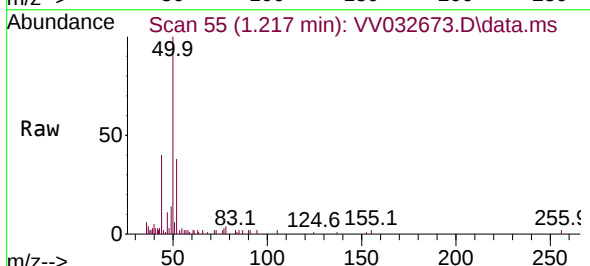
Instrument :
 MSVOA_V
 ClientSampleId :

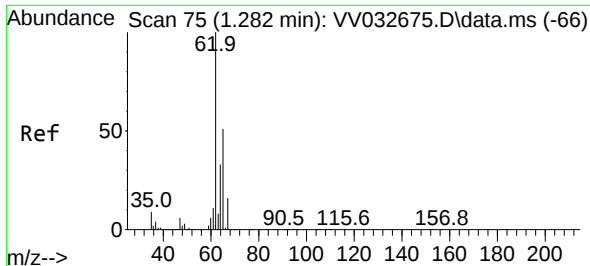
Tgt Ion: 85 Resp: 7853
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.9 38.9



#3
 Chloromethane
 Concen: 0.600 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

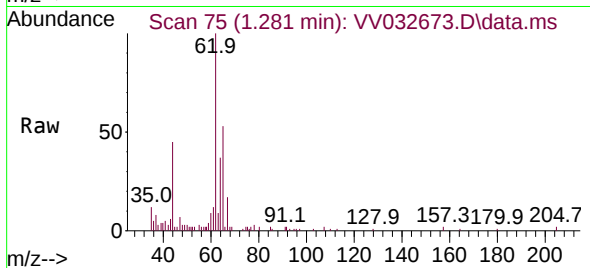
Tgt Ion: 50 Resp: 9643
 Ion Ratio Lower Upper
 50 100
 52 37.9 22.3 41.5



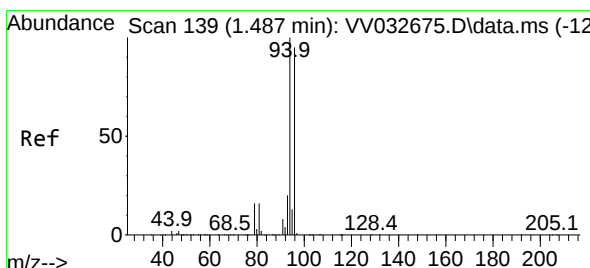
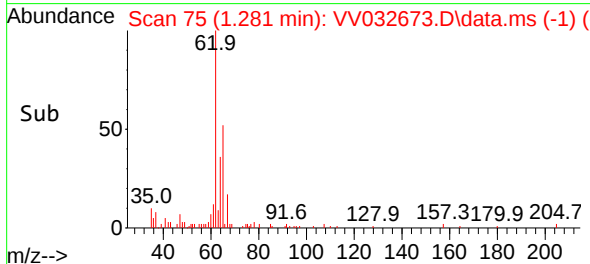
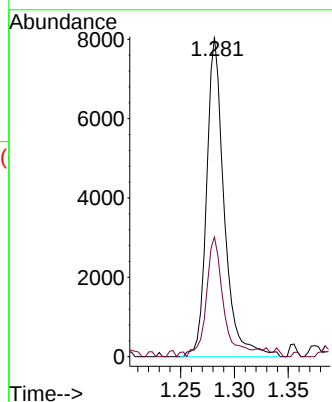


#5
 Vinyl chloride
 Concen: 0.595 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

Instrument :
 MSVOA_V
 ClientSampleId :

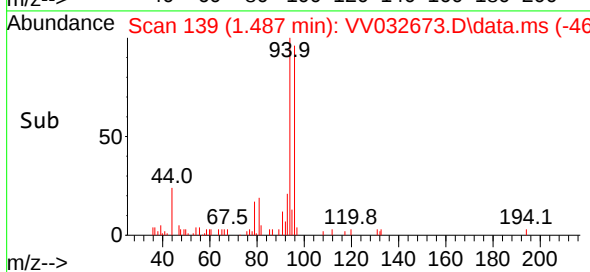
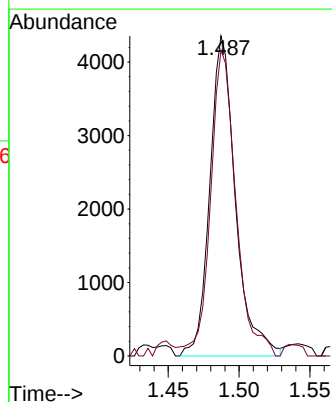
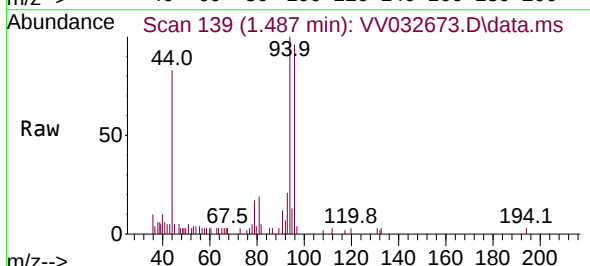


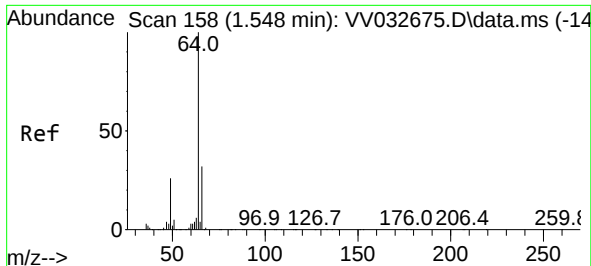
Tgt Ion: 62 Resp: 9172
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.2 43.0



#6
 Bromomethane
 Concen: 0.598 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

Tgt Ion: 94 Resp: 5498
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.4 123.2

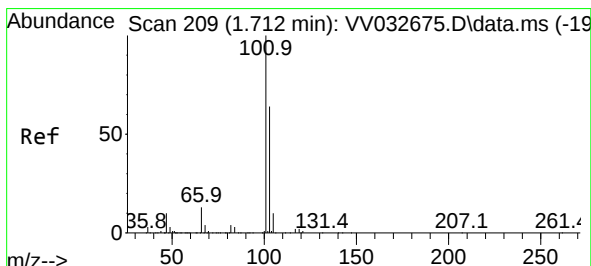
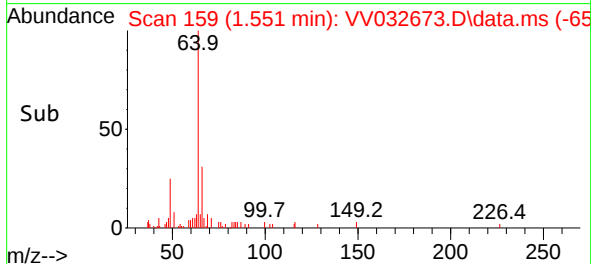
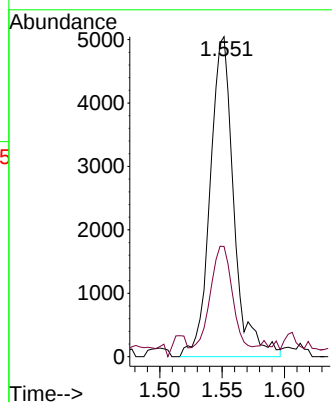
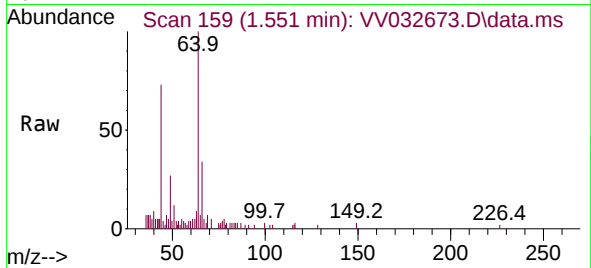




#8
Chloroethane
Concen: 0.710 ug/L
RT: 1.551 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

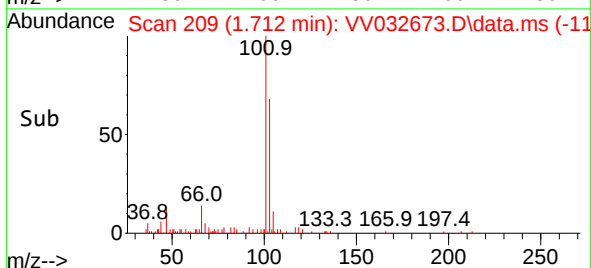
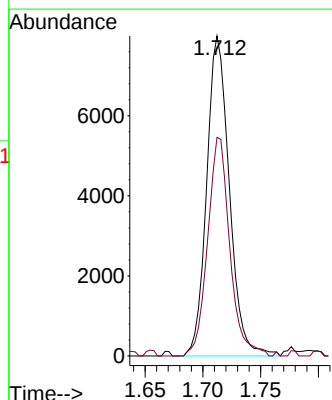
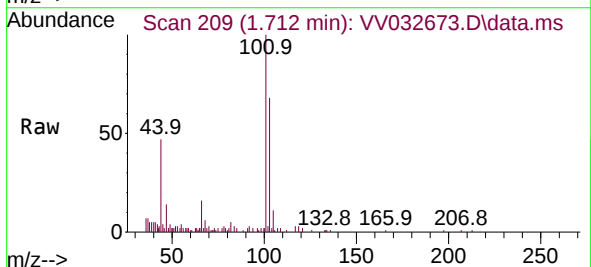
Instrument :
MSVOA_V
ClientSampleId :

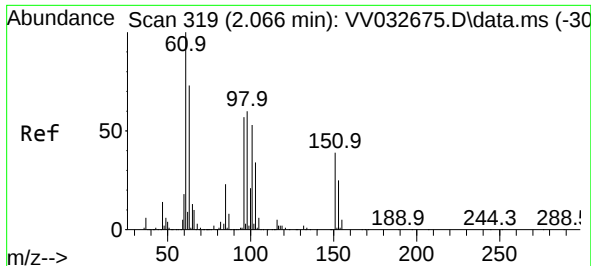
Tgt Ion: 64 Resp: 6684
Ion Ratio Lower Upper
64 100
66 34.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.575 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Tgt Ion: 101 Resp: 10918
Ion Ratio Lower Upper
101 100
103 66.8 52.1 78.1





#10

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

Concen: 0.615 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

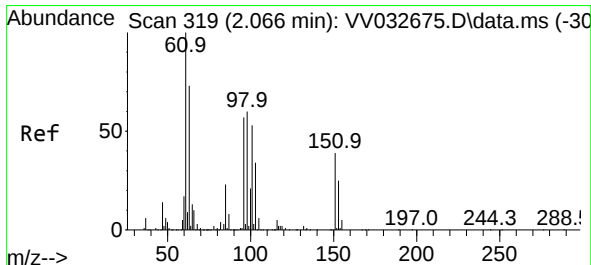
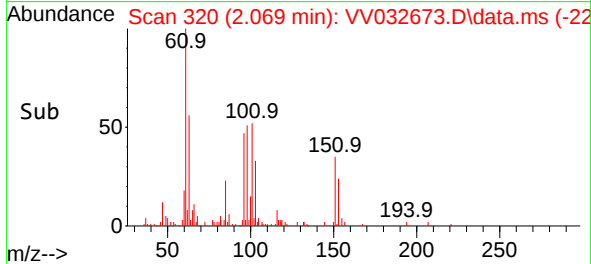
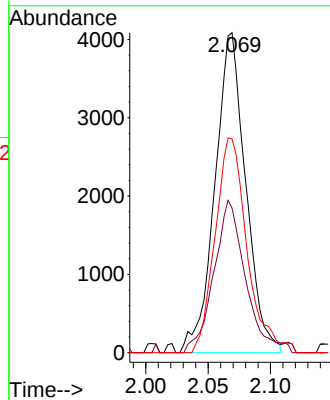
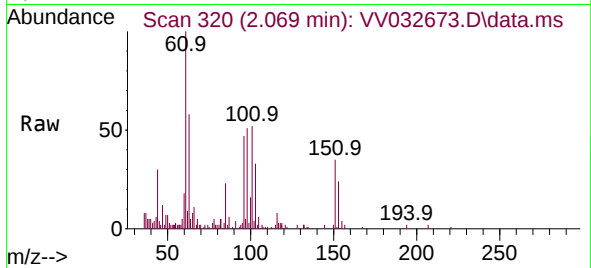
Tgt Ion:101 Resp: 7030

Ion Ratio Lower Upper

101 100

85 48.9 36.2 54.4

151 69.6 59.0 88.6



#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

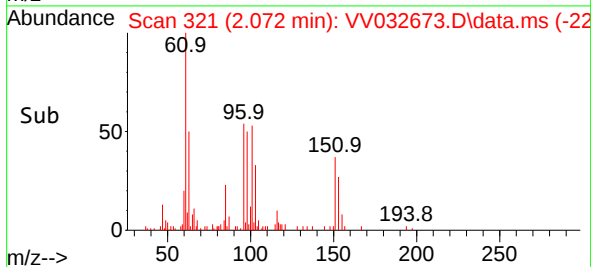
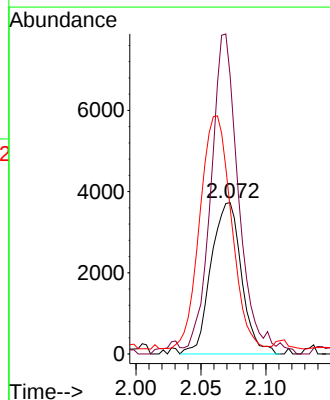
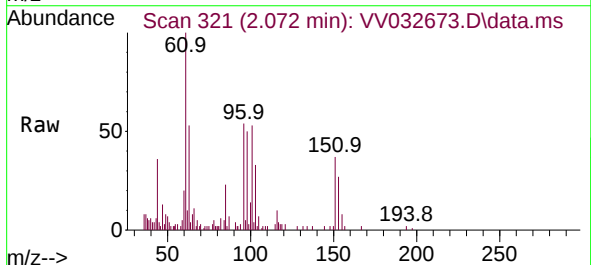
Tgt Ion: 96 Resp: 6072

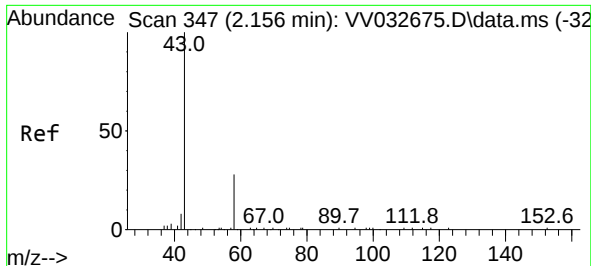
Ion Ratio Lower Upper

96 100

61 183.9 122.3 227.1

63 96.6 89.4 166.0





#13

Acetone

Concen: 2.834 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

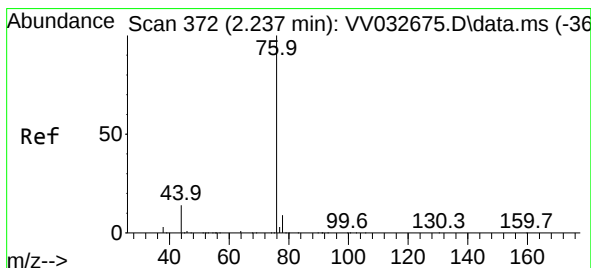
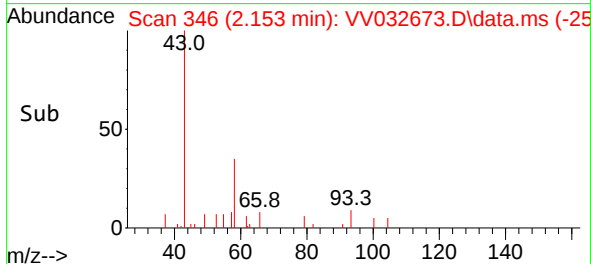
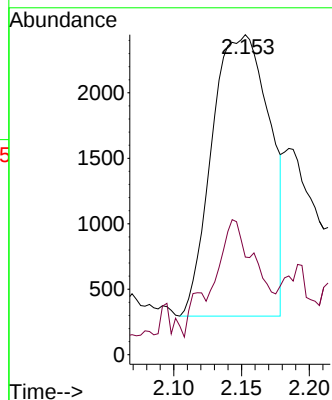
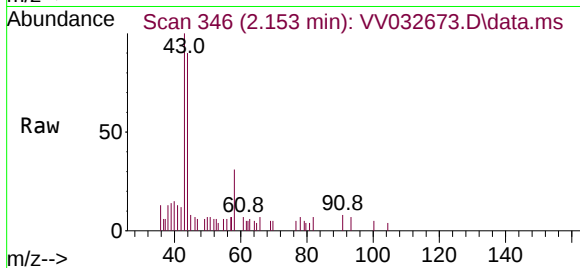
ClientSampleId :

Tgt Ion: 43 Resp: 6324

Ion Ratio Lower Upper

43 100

58 31.9 0.0 50.6



#14

Carbon disulfide

Concen: 0.542 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV032673.D

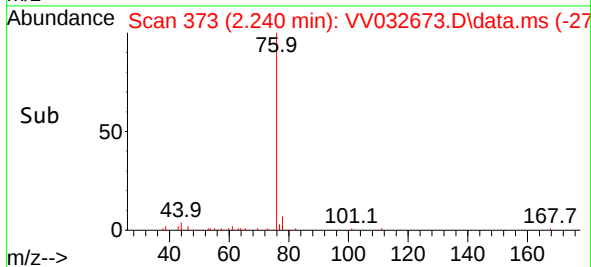
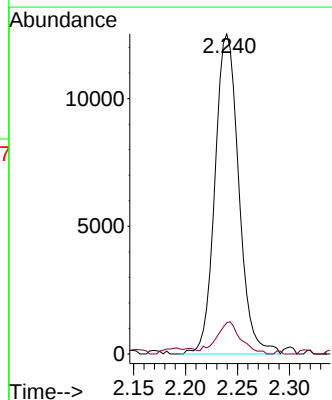
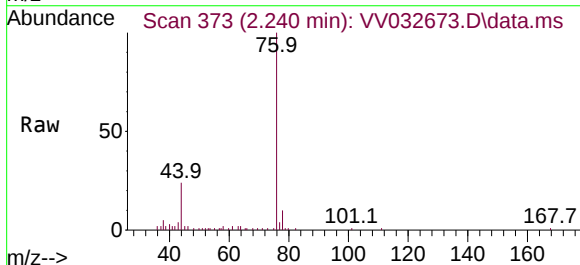
Acq: 27 Oct 2023 10:16

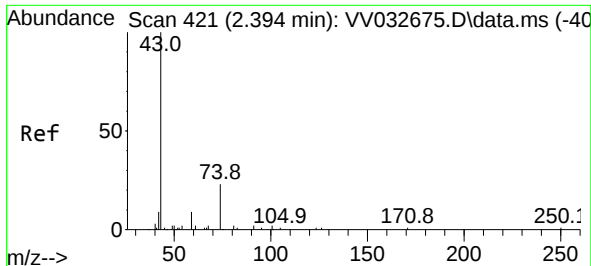
Tgt Ion: 76 Resp: 19993

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

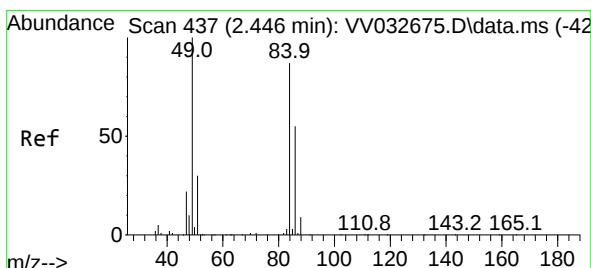
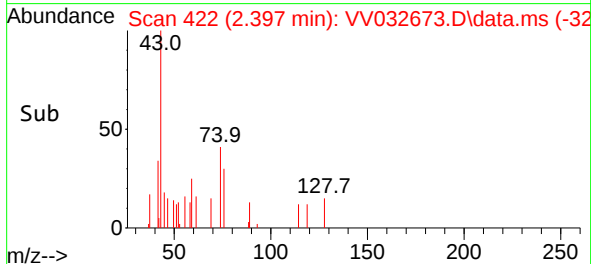
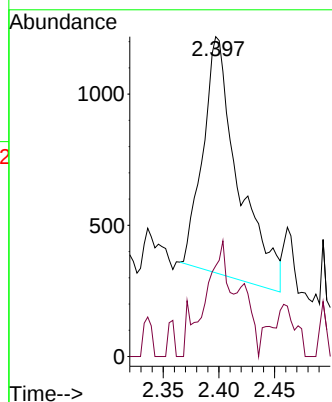
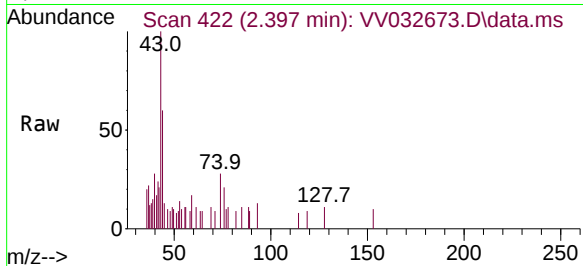




#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

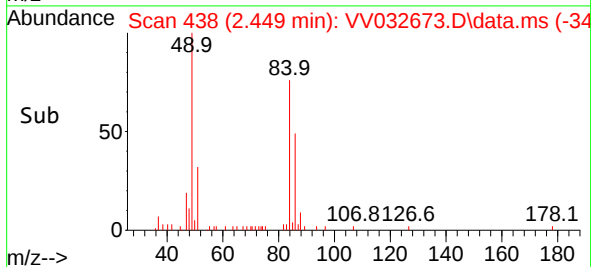
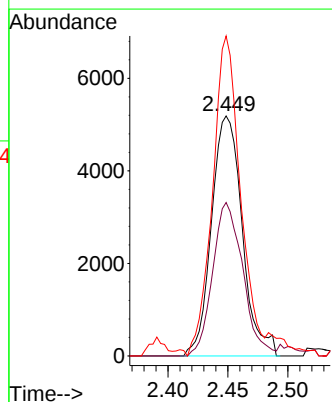
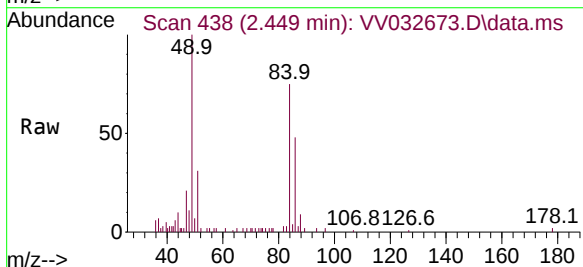
Instrument :
MSVOA_V
ClientSampleId :

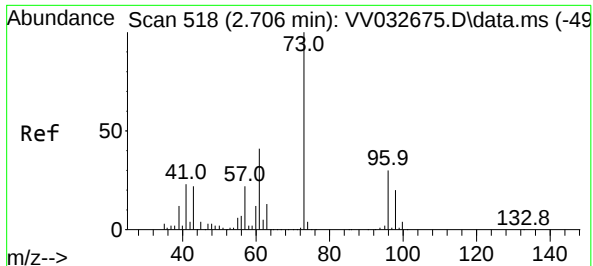
Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
74 29.4 23.1 34.7



#16
Methylene chloride
Concen: 0.664 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Tgt Ion: 84 Resp: 9250
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 133.3 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 0.493 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV032673.D

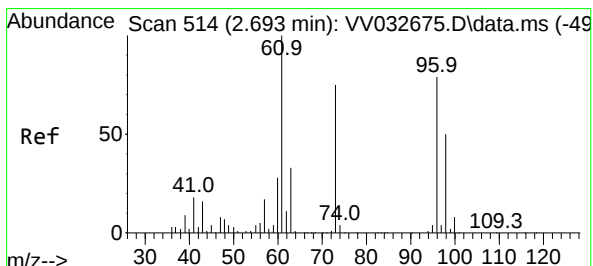
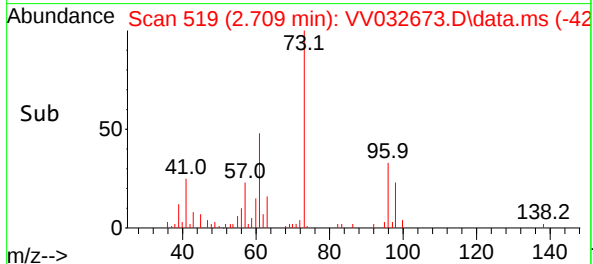
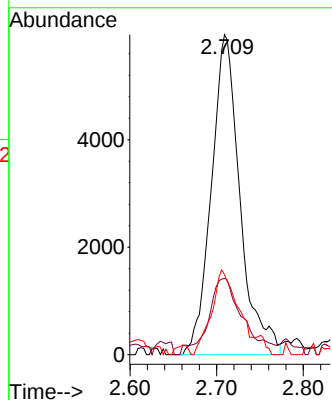
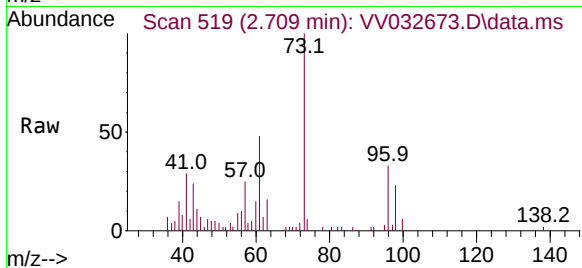
Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 13717
Ion Ratio	Lower Upper
73 100	
43 28.7	16.6 24.8#
57 24.8	18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 0.512 ug/L

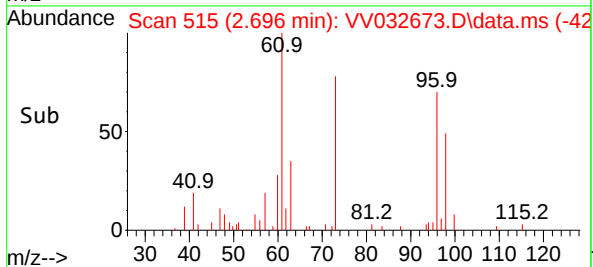
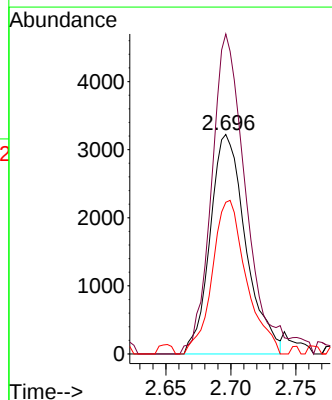
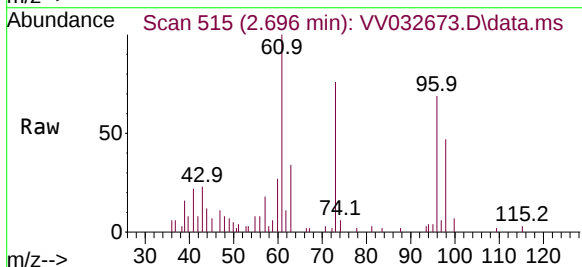
RT: 2.696 min Scan# 515

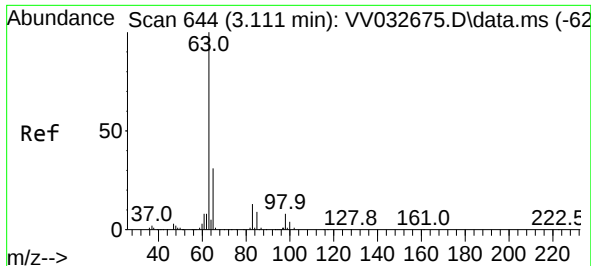
Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Tgt Ion: 96	Resp: 6138
Ion Ratio	Lower Upper
96 100	
61 145.8	88.7 164.7
98 69.1	44.4 82.4

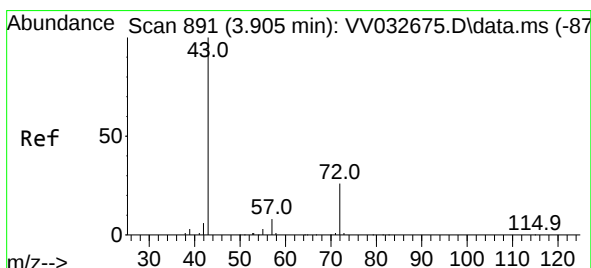
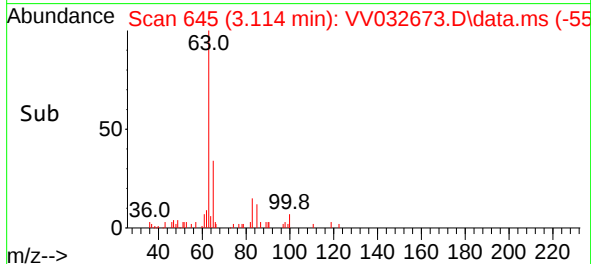
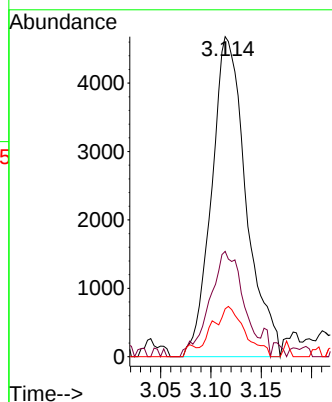
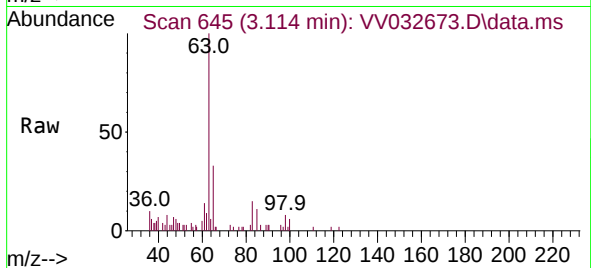




#19
1,1-Dichloroethane
Concen: 0.501 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

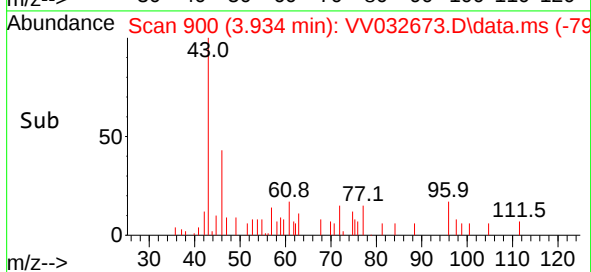
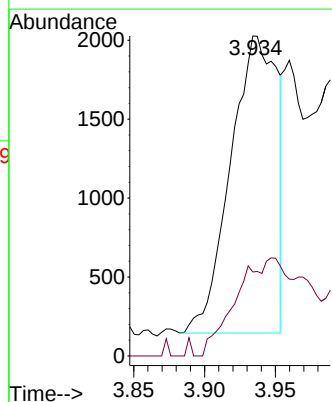
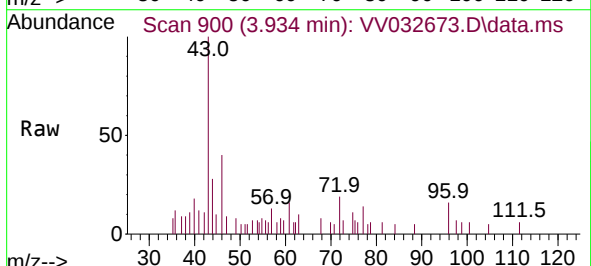
Instrument :
MSVOA_V
ClientSampleId :

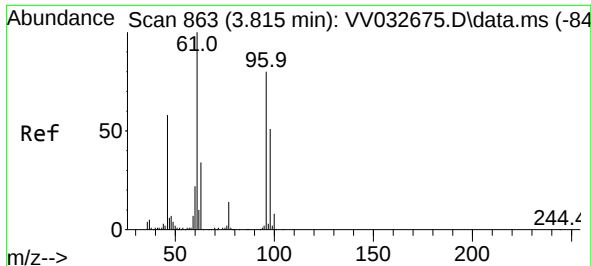
Tgt Ion: 63 Resp: 11124
Ion Ratio Lower Upper
63 100
65 31.1 21.5 39.9
83 14.2 9.2 17.0



#21
2-Butanone
Concen: 1.251 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.029 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

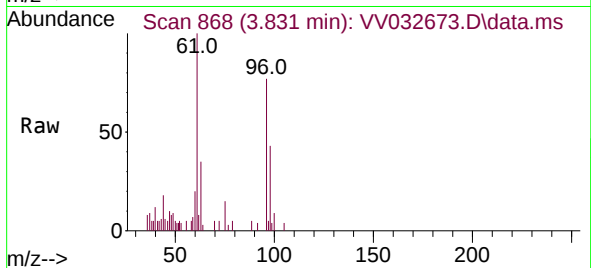
Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
72 20.2 10.4 31.2



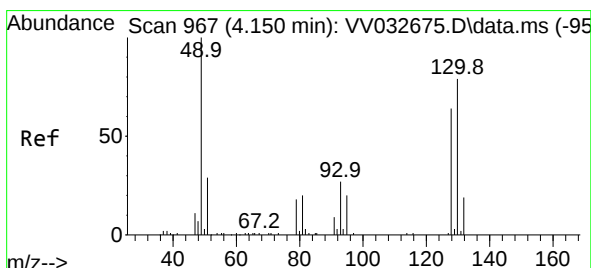
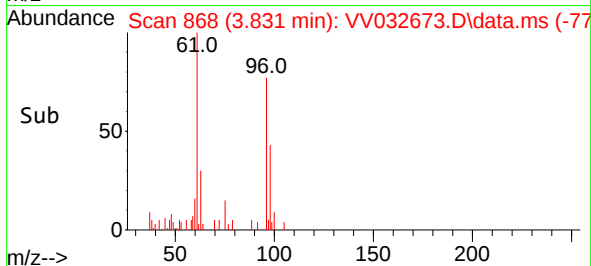
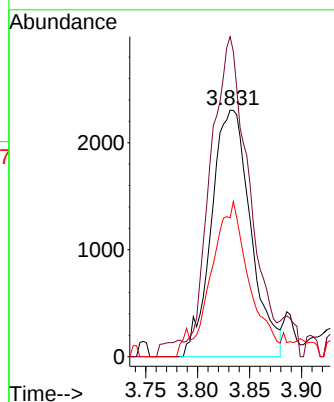


#22
 cis-1,2-Dichloroethene
 Concen: 0.477 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.016 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

Instrument :
 MSVOA_V
 ClientSampleId :

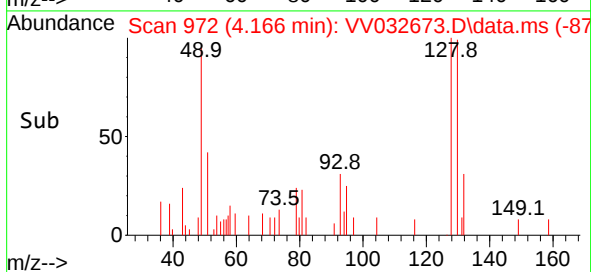
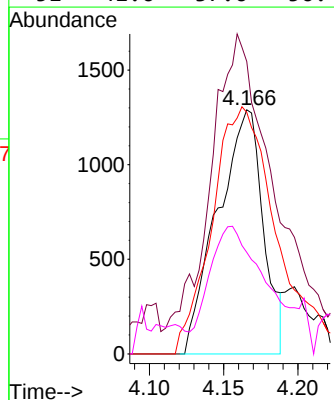
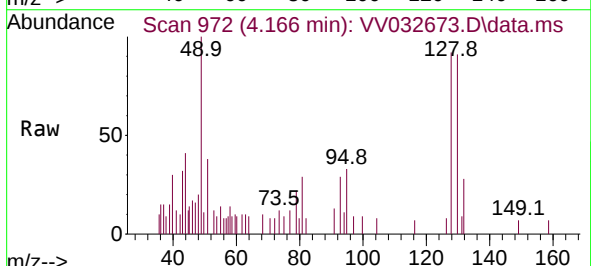


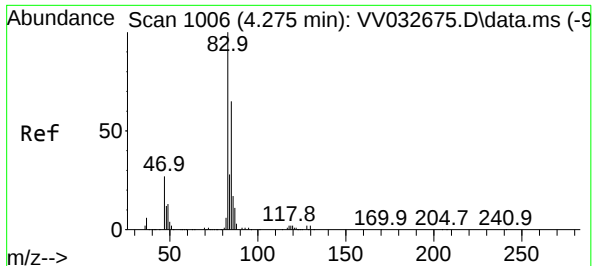
Tgt Ion: 96 Resp: 6048
 Ion Ratio Lower Upper
 96 100
 61 129.8 87.7 162.9
 98 61.5 45.0 83.6



#23
 Bromochloromethane
 Concen: 0.506 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.016 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

Tgt Ion: 128 Resp: 2763
 Ion Ratio Lower Upper
 128 100
 49 119.8 110.4 205.0
 130 99.0 86.8 161.2
 51 41.6 37.6 56.4





#25

Chloroform

Concen: 0.532 ug/L

RT: 4.288 min Scan# 11871

Delta R.T. 0.013 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

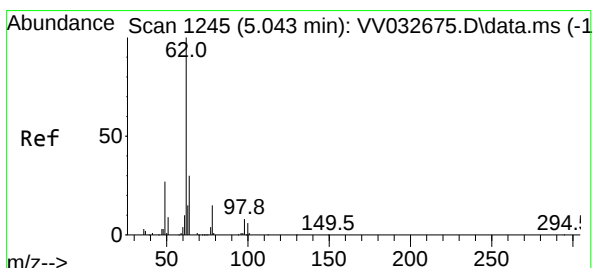
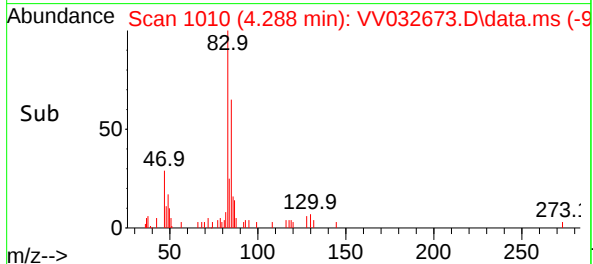
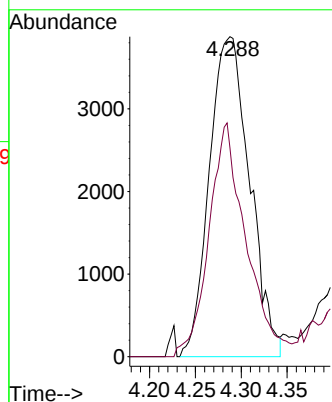
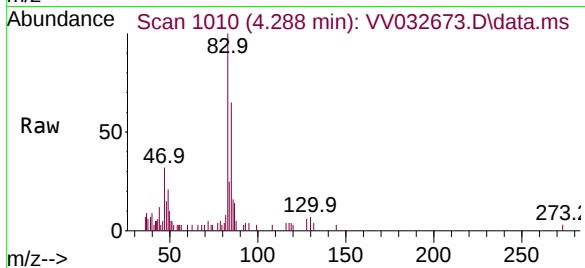
ClientSampleId :

Tgt Ion: 83 Resp: 11871

Ion Ratio Lower Upper

83 100

85 65.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.628 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.019 min

Lab File: VV032673.D

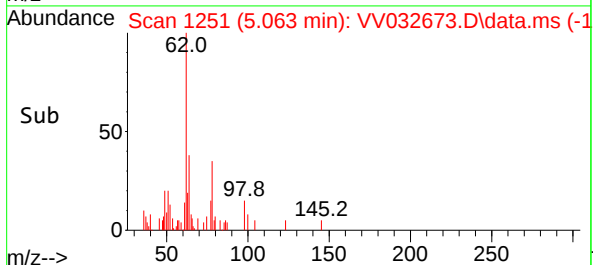
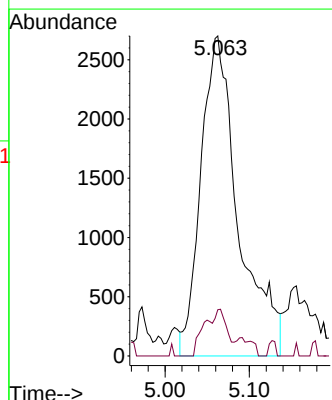
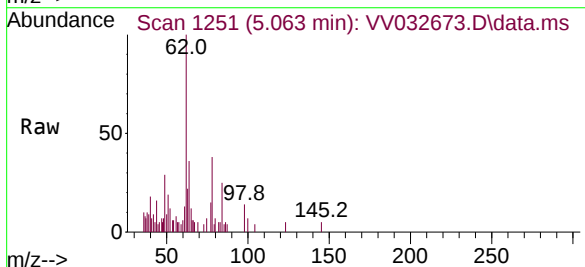
Acq: 27 Oct 2023 10:16

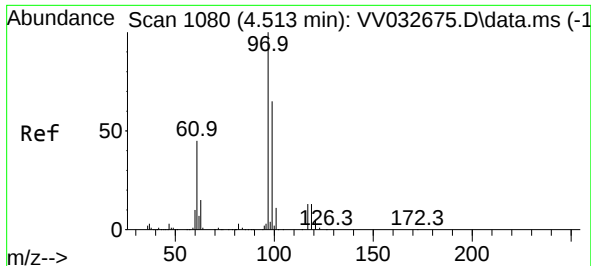
Tgt Ion: 62 Resp: 8372

Ion Ratio Lower Upper

62 100

98 14.4 7.0 10.4#





#29

1,1,1-Trichloroethane

Concen: 0.512 ug/L

RT: 4.519 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

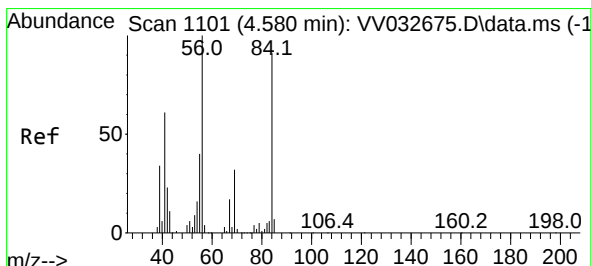
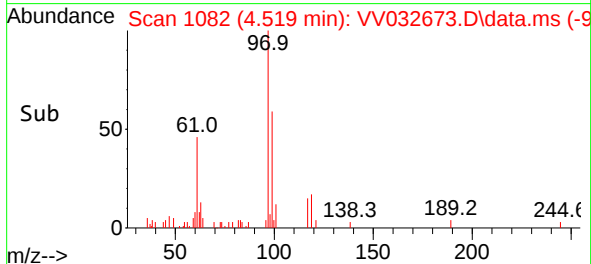
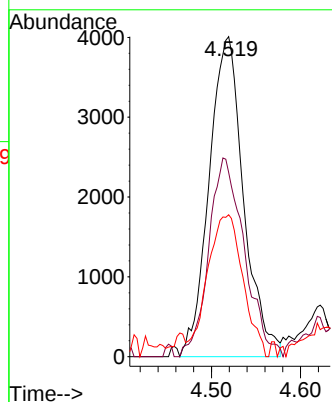
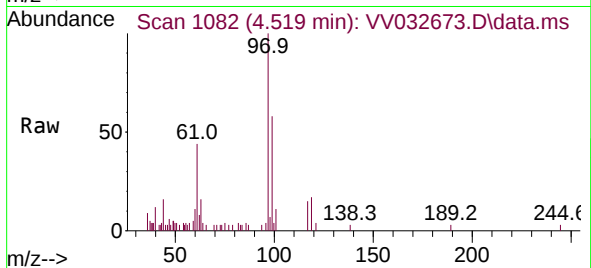
Tgt Ion: 97 Resp: 10809

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 45.2 36.1 54.1



#30

Cyclohexane

Concen: 0.382 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

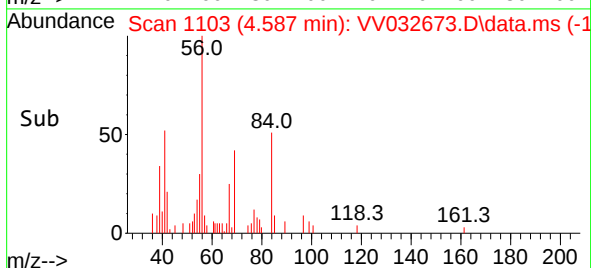
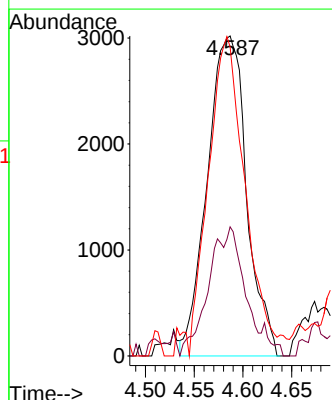
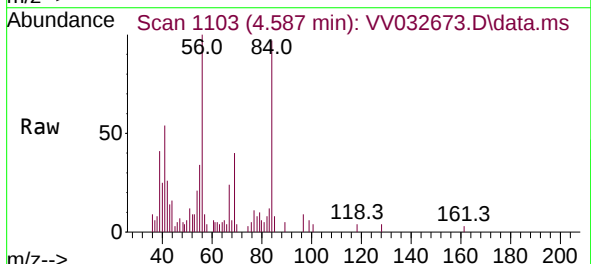
Tgt Ion: 56 Resp: 8482

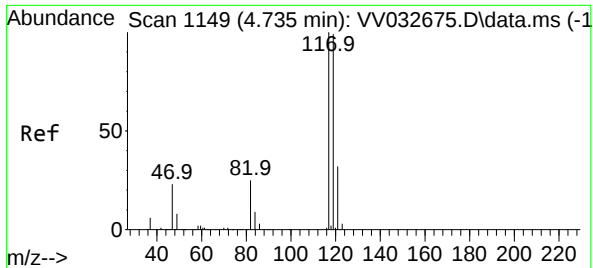
Ion Ratio Lower Upper

56 100

69 21.0 25.0 37.6#

84 93.9 72.9 109.3

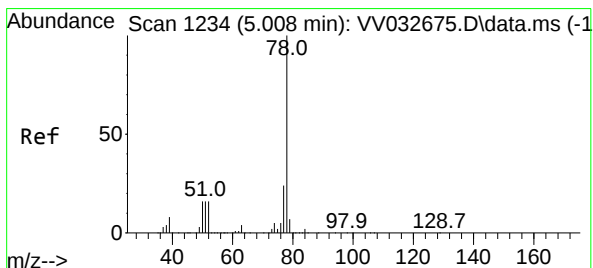
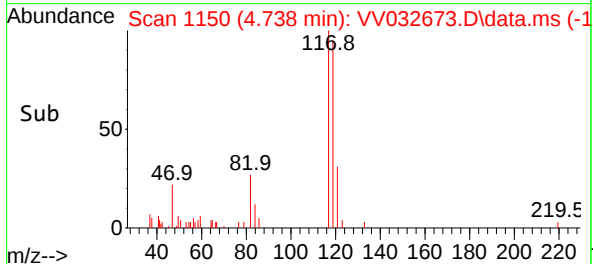
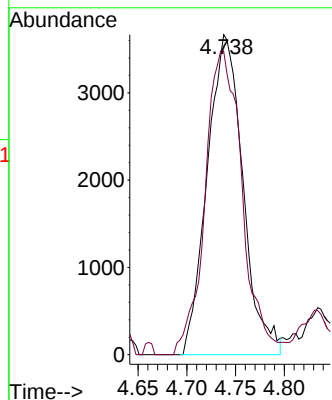
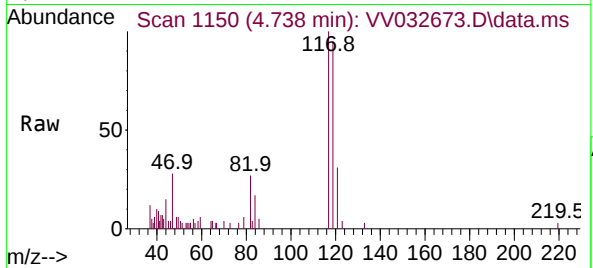




#31
Carbon tetrachloride
Concen: 0.517 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

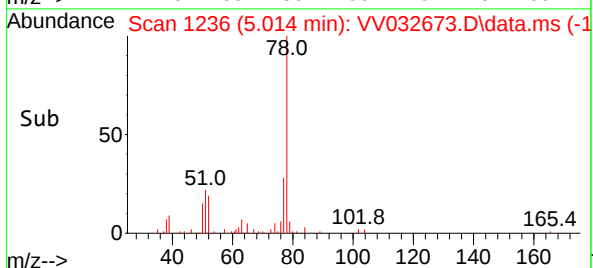
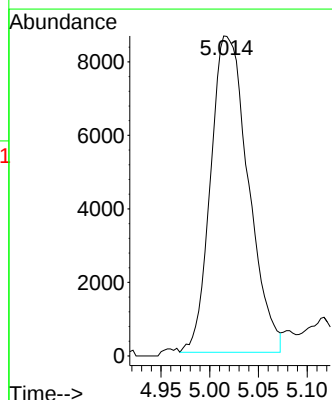
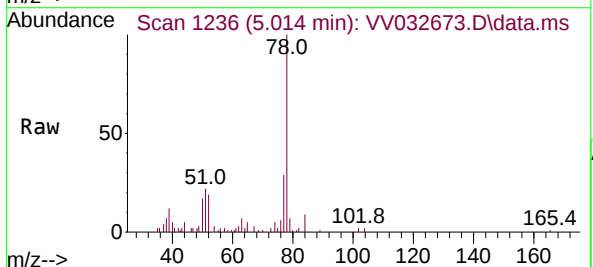
Instrument :
MSVOA_V
ClientSampleId :

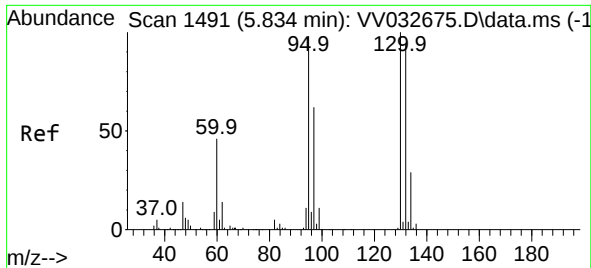
Tgt Ion:117 Resp: 9330
Ion Ratio Lower Upper
117 100
119 98.2 77.8 116.6



#33
Benzene
Concen: 0.425 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

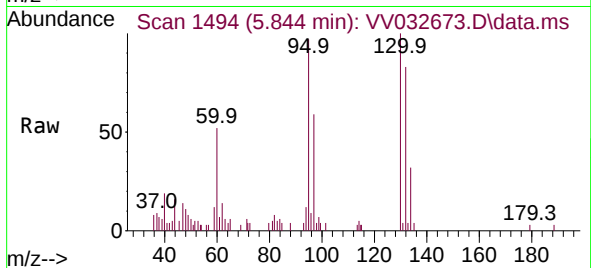
Tgt Ion: 78 Resp: 23129



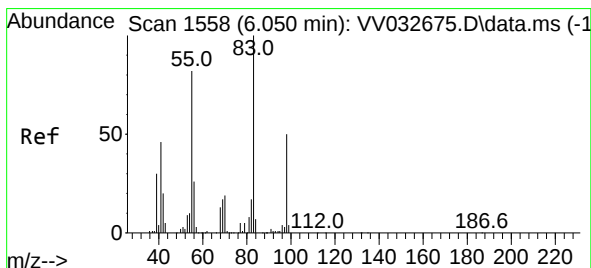
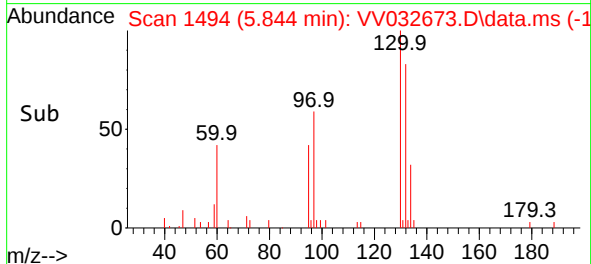
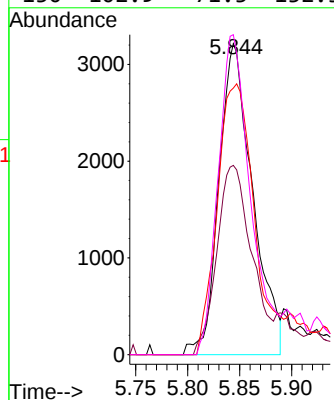


#34
Trichloroethene
Concen: 0.493 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.009 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Instrument :
MSVOA_V
ClientSampleId :

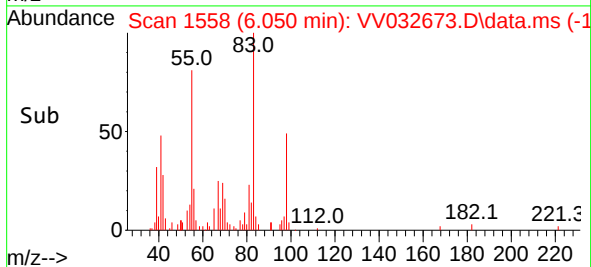
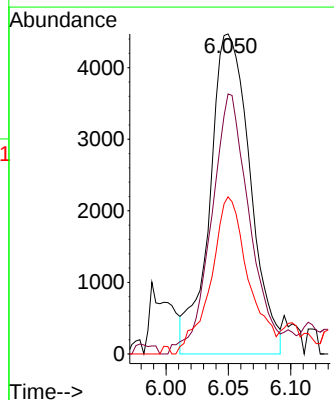
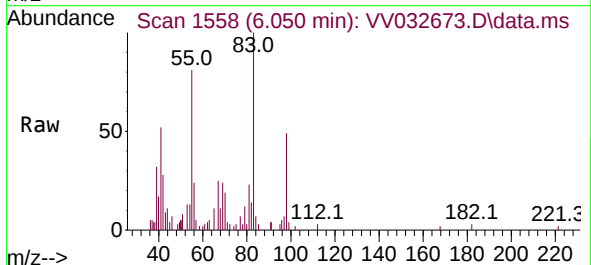


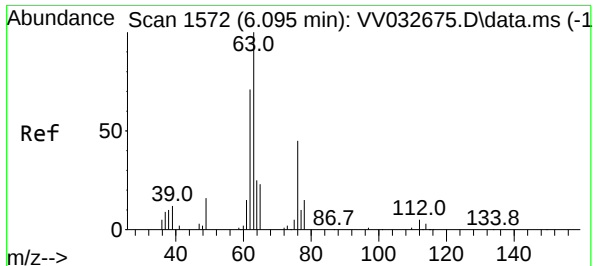
Tgt Ion:	95	Resp:	7260
Ion	Ratio	Lower	Upper
95	100		
97	60.8	44.0	81.8
132	85.7	66.9	124.3
130	102.9	71.3	132.3



#35
Methylcyclohexane
Concen: 0.442 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Tgt Ion:	83	Resp:	10098
Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.6	89.4
98	45.4	39.1	58.7





#37

1,2-Dichloropropane

Concen: 0.401 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

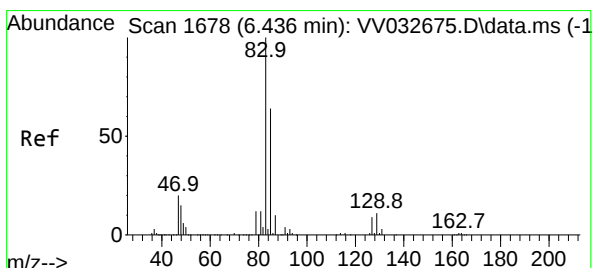
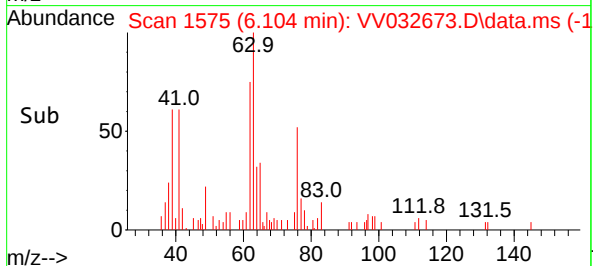
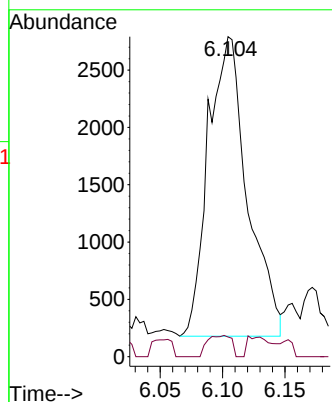
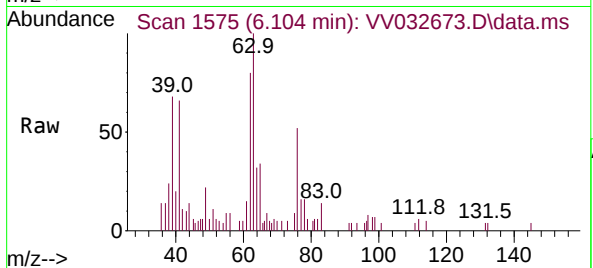
ClientSampleId :

Tgt Ion: 63 Resp: 5720

Ion Ratio Lower Upper

63 100

112 4.3 4.6 7.0#



#38

Bromodichloromethane

Concen: 0.552 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

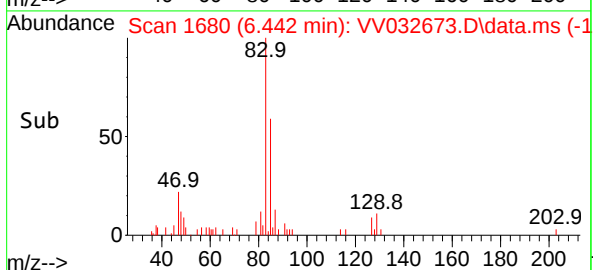
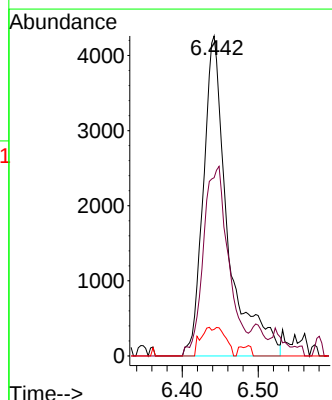
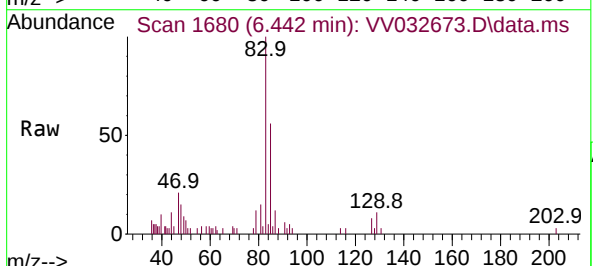
Tgt Ion: 83 Resp: 9575

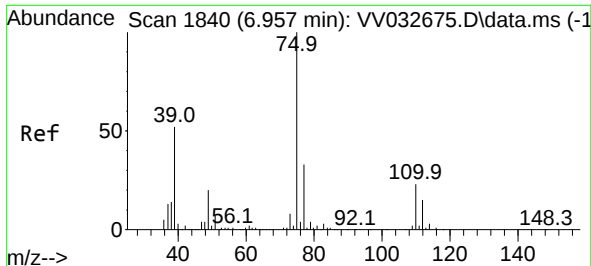
Ion Ratio Lower Upper

83 100

85 55.7 44.9 83.5

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.397 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

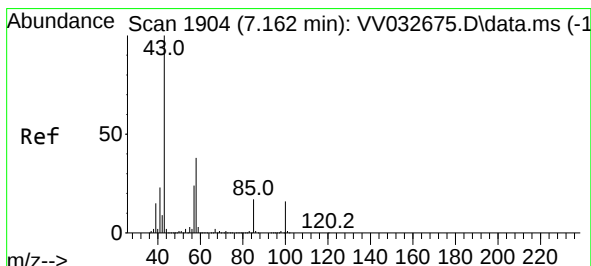
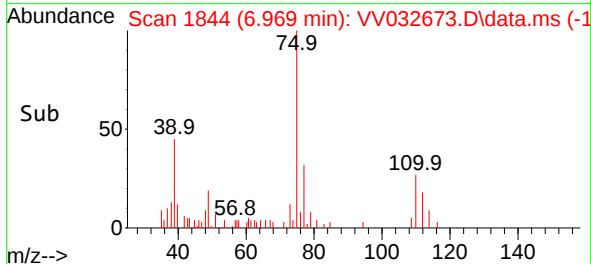
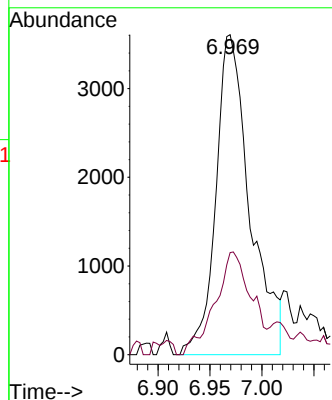
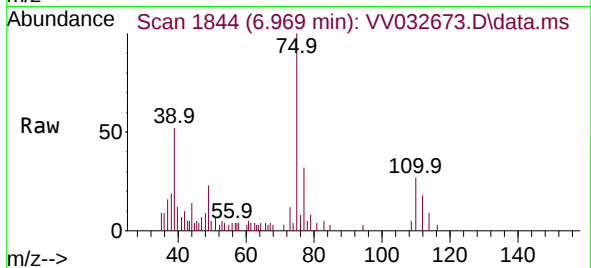
ClientSampleId :

Tgt Ion: 75 Resp: 8234

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 3.686 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.009 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

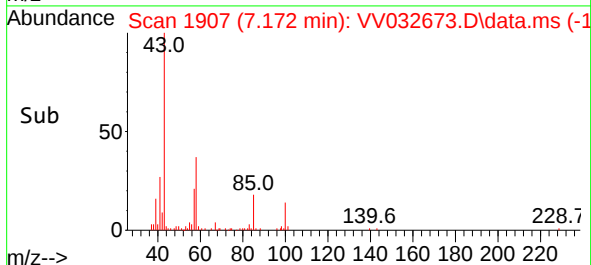
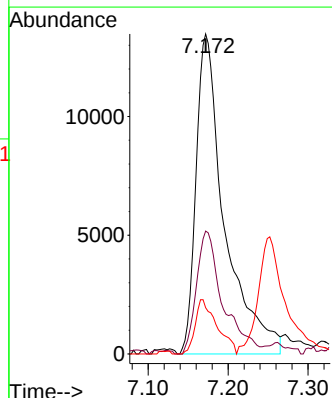
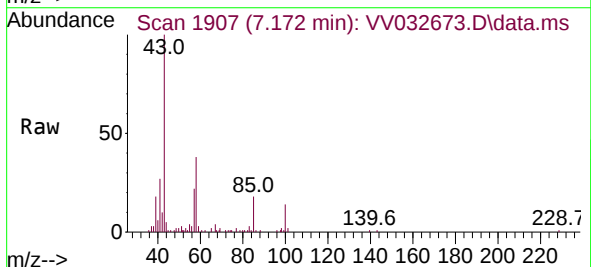
Tgt Ion: 43 Resp: 33468

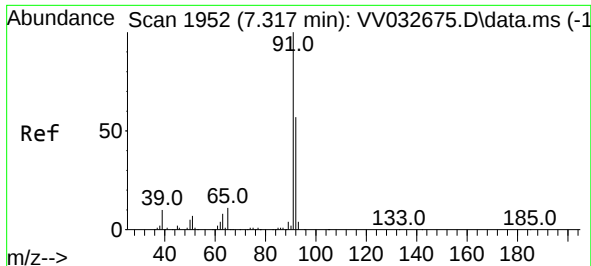
Ion Ratio Lower Upper

43 100

58 35.7 31.3 46.9

100 12.9 12.2 18.4





#42

Toluene

Concen: 0.452 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

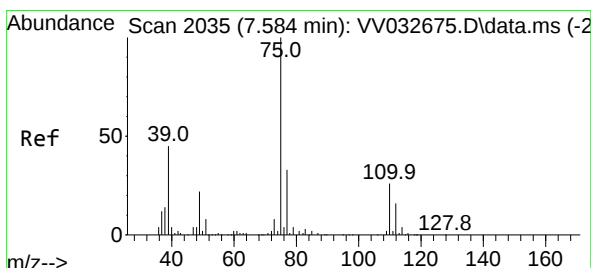
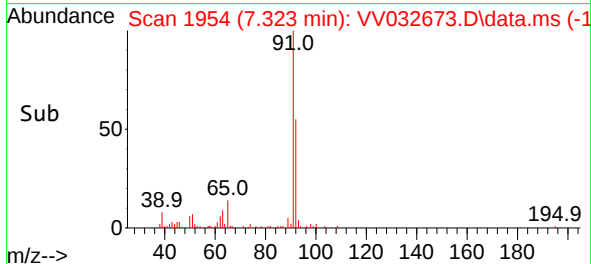
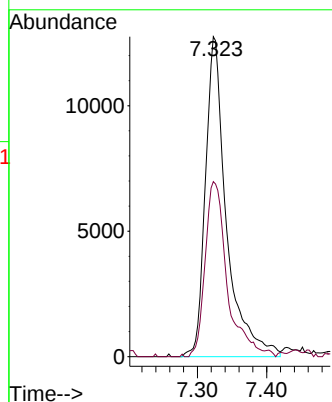
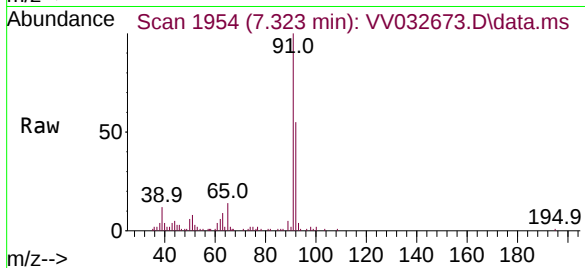
ClientSampleId :

Tgt Ion: 91 Resp: 26856

Ion Ratio Lower Upper

91 100

92 54.7 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 0.425 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.009 min

Lab File: VV032673.D

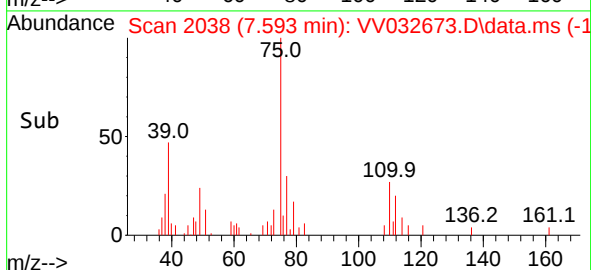
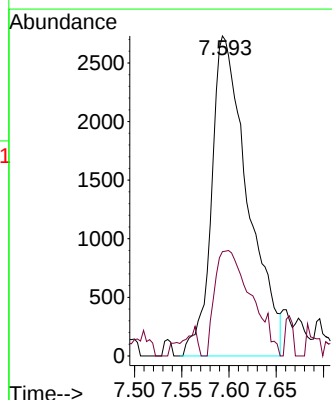
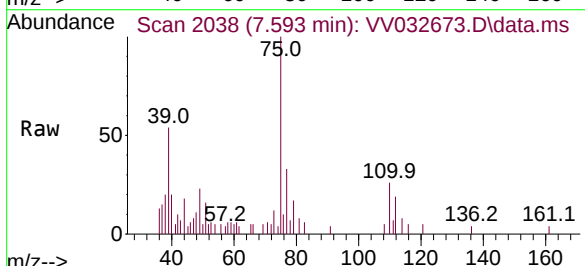
Acq: 27 Oct 2023 10:16

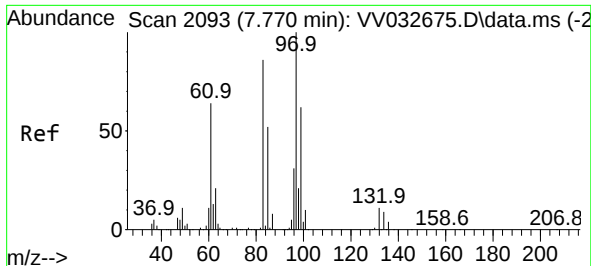
Tgt Ion: 75 Resp: 7289

Ion Ratio Lower Upper

75 100

77 32.6 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 0.513 ug/L

RT: 7.780 min Scan# 2093

Delta R.T. 0.009 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 5318

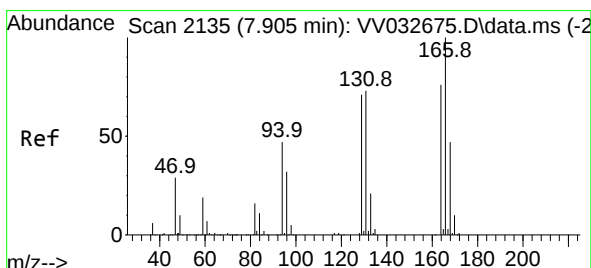
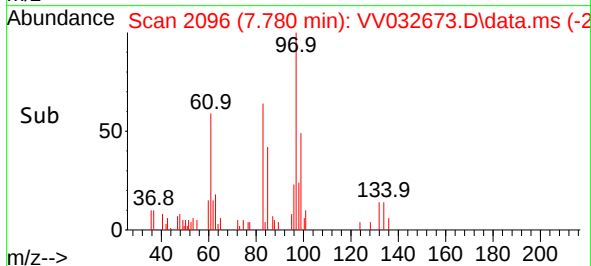
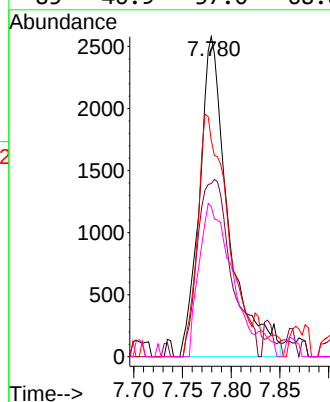
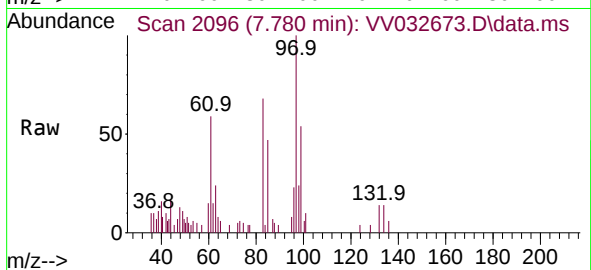
Ion Ratio Lower Upper

97 100

99 54.1 44.0 81.8

83 67.6 59.9 111.3

85 46.9 37.0 68.8



#47

Tetrachloroethene

Concen: 0.535 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Tgt Ion: 164 Resp: 6209

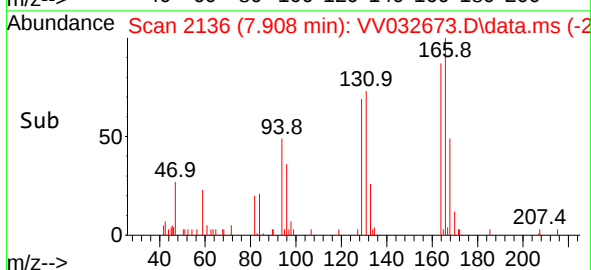
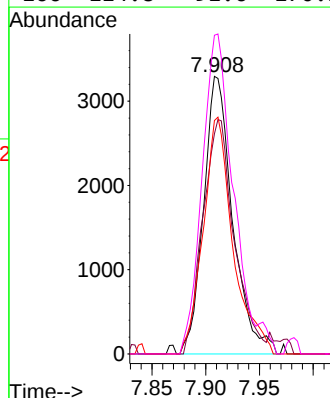
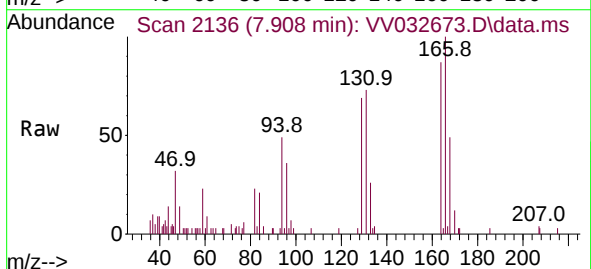
Ion Ratio Lower Upper

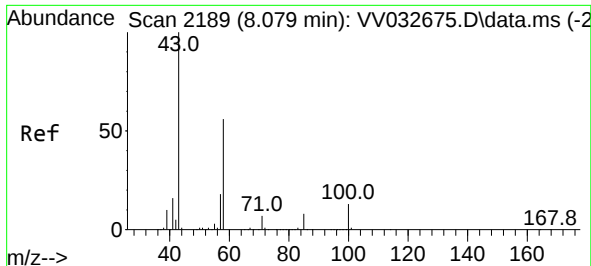
164 100

129 79.3 65.3 121.3

131 84.1 66.6 123.8

166 114.8 91.6 170.2

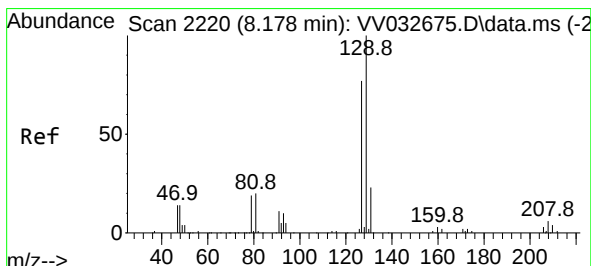
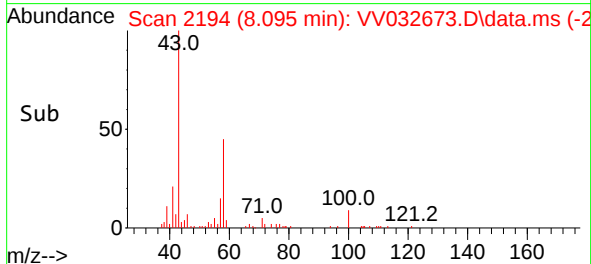
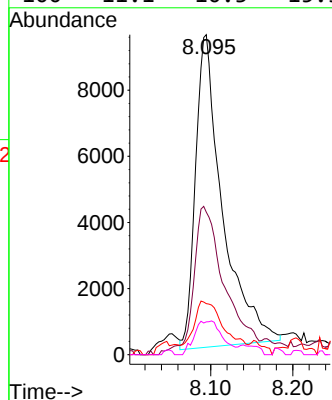
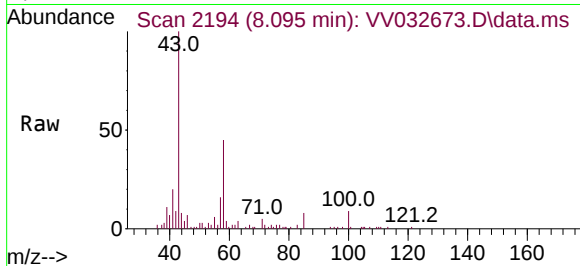




#48
2-Hexanone
Concen: 3.388 ug/L
RT: 8.095 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

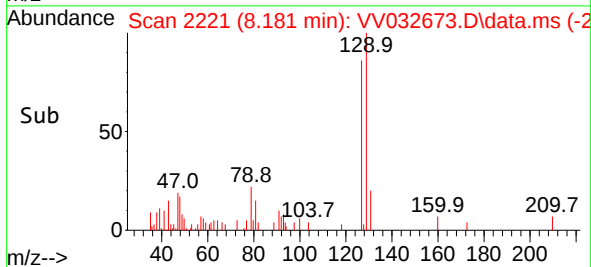
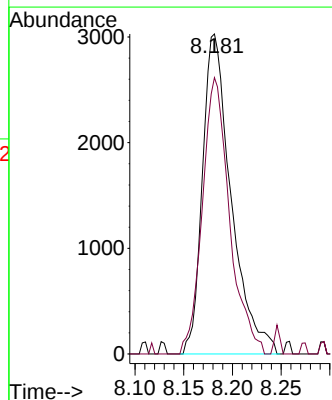
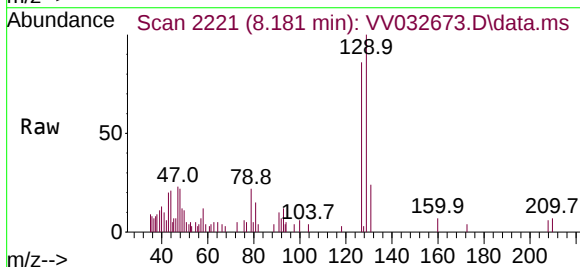
Instrument :
MSVOA_V
ClientSampleId :

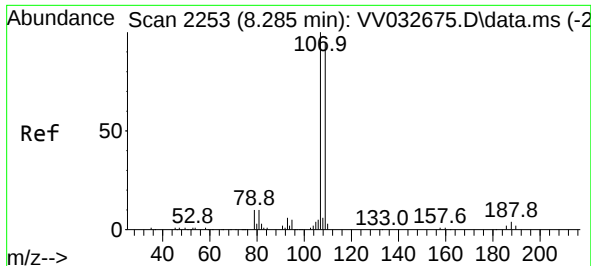
Tgt Ion:	43	Resp:	21596
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.6
57	17.7	15.1	22.7
100	11.1	10.3	15.5



#49
Dibromochloromethane
Concen: 0.558 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

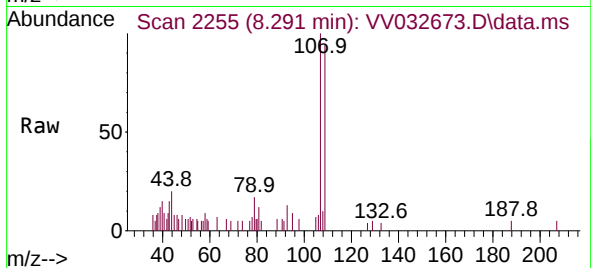
Tgt Ion:	129	Resp:	6197
Ion	Ratio	Lower	Upper
129	100		
127	86.4	54.0	100.4



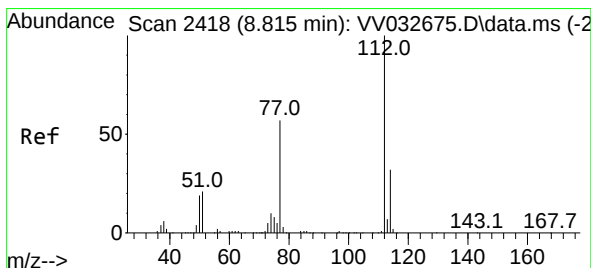
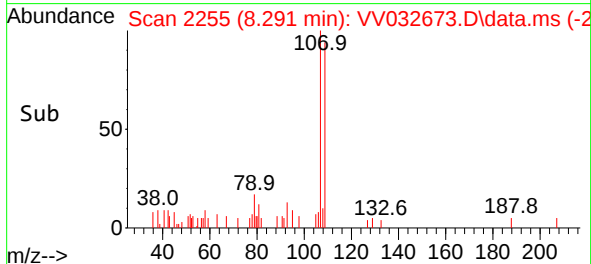
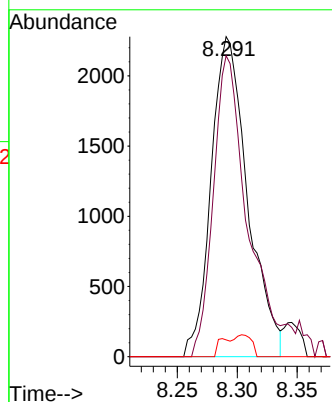


#50
1,2-Dibromoethane
Concen: 0.493 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Instrument :
MSVOA_V
ClientSampleId :

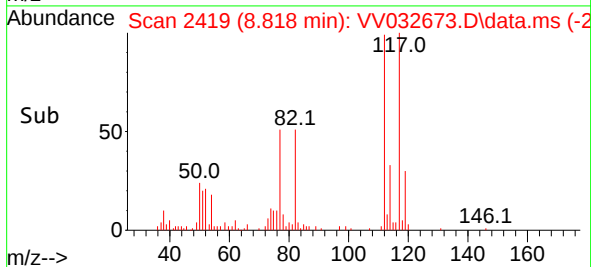
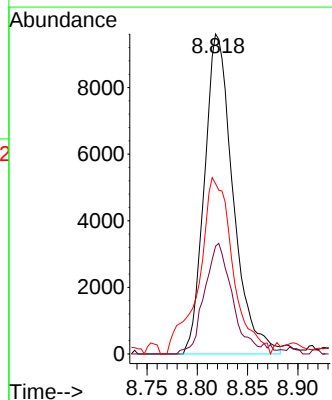
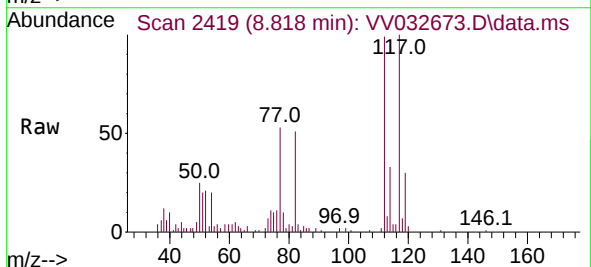


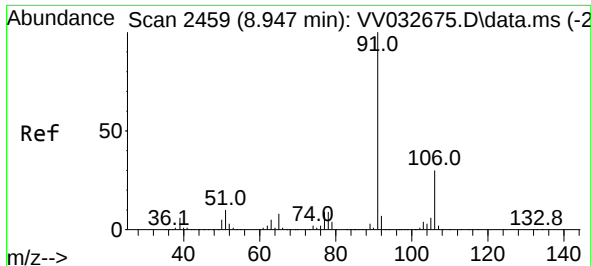
Tgt Ion:107 Resp: 4831
Ion Ratio Lower Upper
107 100
109 94.0 66.4 123.4
188 5.3 2.9 4.3#



#51
Chlorobenzene
Concen: 0.499 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Tgt Ion:112 Resp: 19020
Ion Ratio Lower Upper
112 100
114 33.7 22.7 42.3
77 53.2 45.7 68.5





#52

Ethylbenzene

Concen: 0.415 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

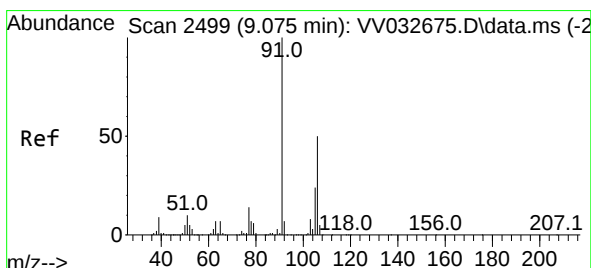
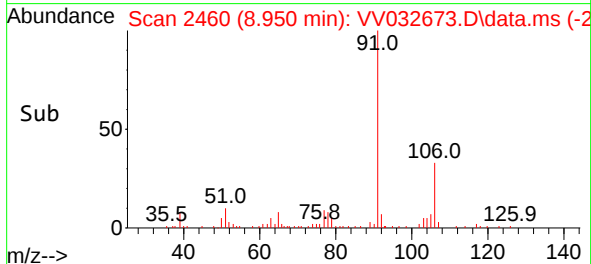
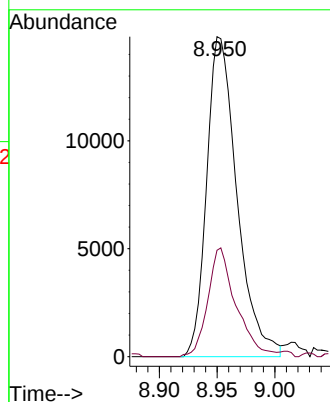
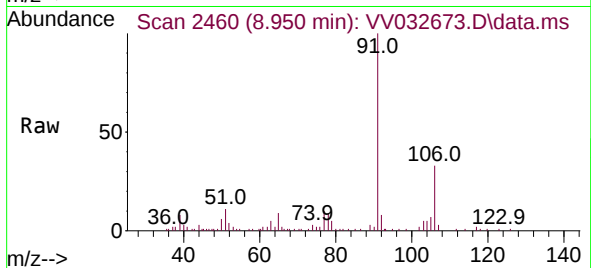
ClientSampleId :

Tgt Ion: 91 Resp: 27043

Ion Ratio Lower Upper

91 100

106 33.3 20.9 38.9



#53

m,p-Xylene

Concen: 0.410 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.006 min

Lab File: VV032673.D

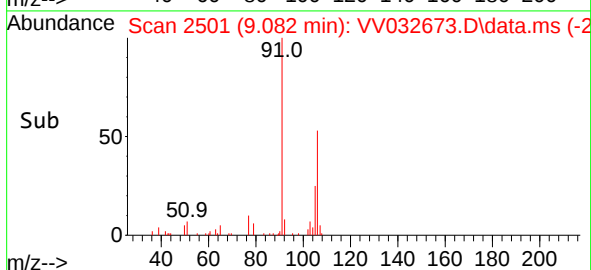
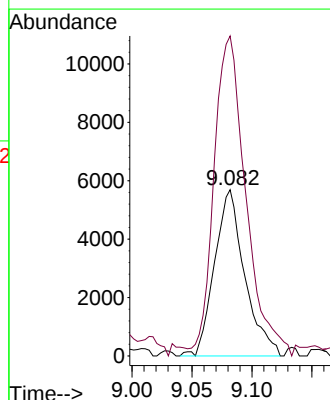
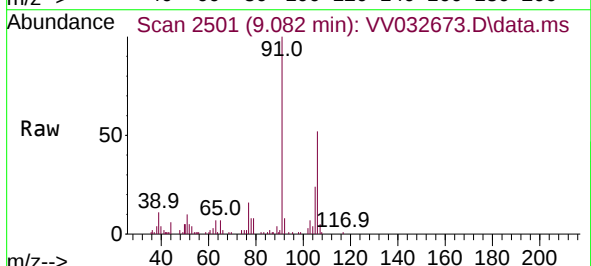
Acq: 27 Oct 2023 10:16

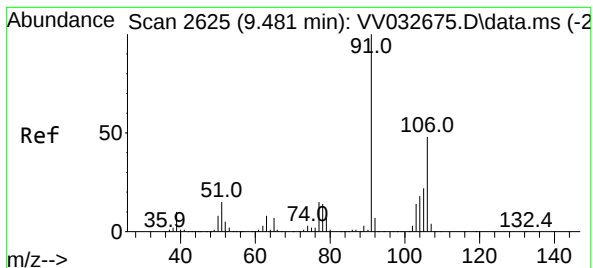
Tgt Ion: 106 Resp: 9939

Ion Ratio Lower Upper

106 100

91 192.4 139.3 258.7





#54

o-Xylene

Concen: 0.405 ug/L

RT: 9.484 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

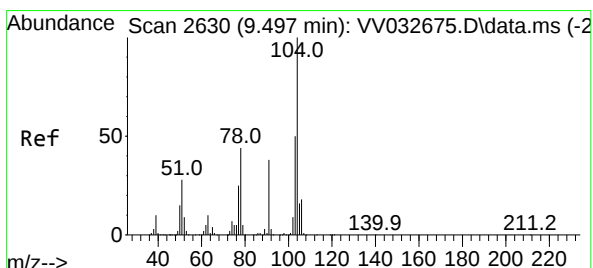
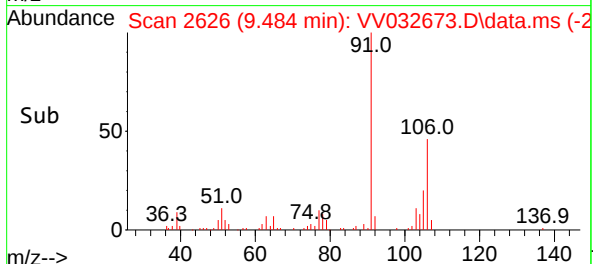
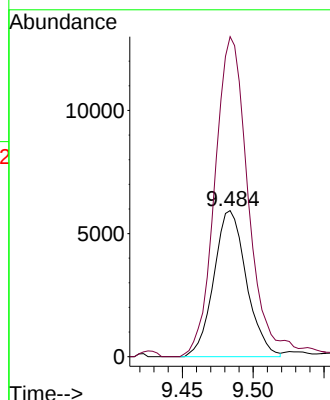
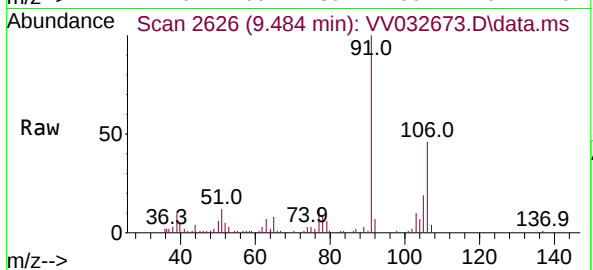
ClientSampleId :

Tgt Ion:106 Resp: 9505

Ion Ratio Lower Upper

106 100

91 219.0 147.4 273.8



#55

Styrene

Concen: 0.365 ug/L

RT: 9.506 min Scan# 2633

Delta R.T. 0.009 min

Lab File: VV032673.D

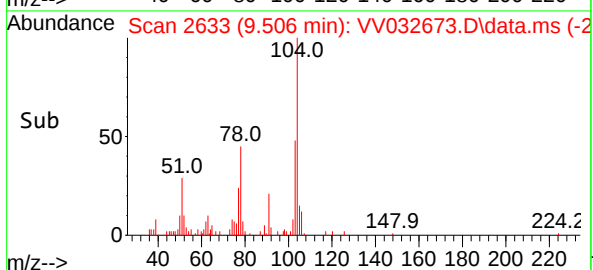
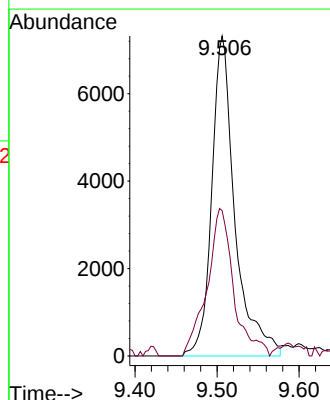
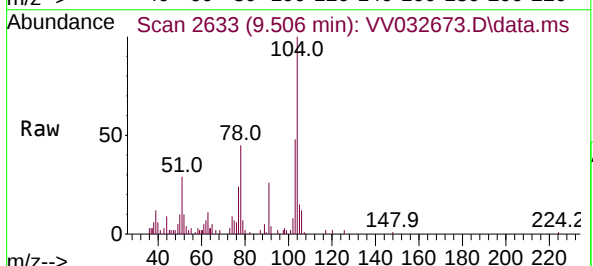
Acq: 27 Oct 2023 10:16

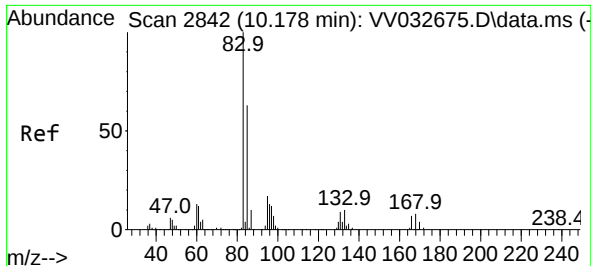
Tgt Ion:104 Resp: 14392

Ion Ratio Lower Upper

104 100

78 45.4 30.5 56.7





#57

1,1,2-Tetrachloroethane

Concen: 0.514 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.006 min

Lab File: VV032673.D

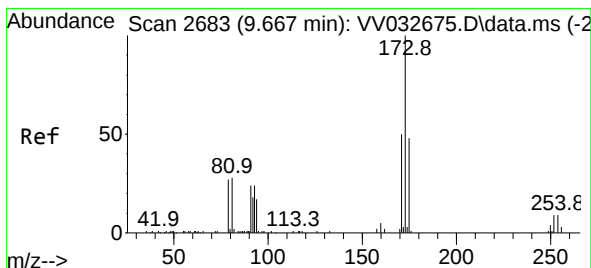
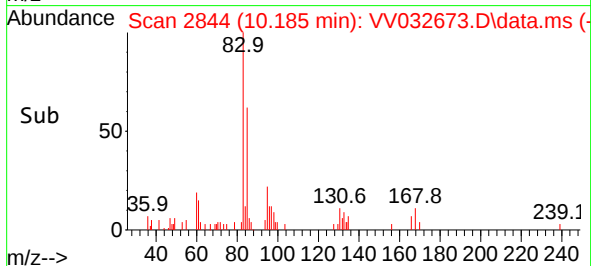
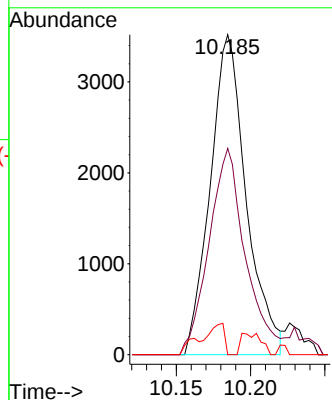
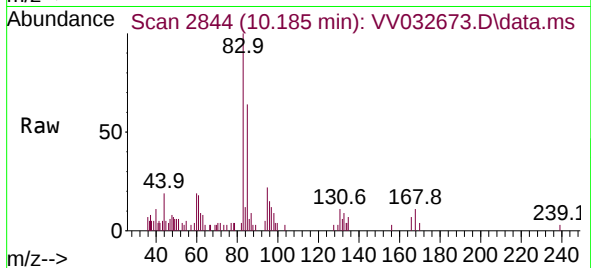
Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	5925
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.0	81.8
131	0.0	7.8	11.8



#59

Bromoform

Concen: 0.550 ug/L

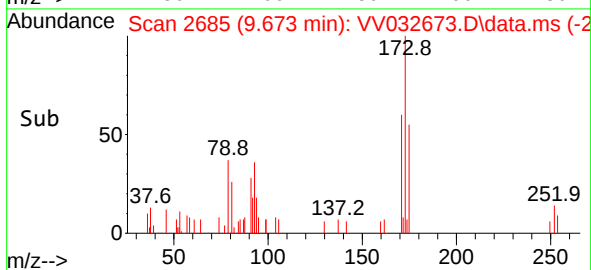
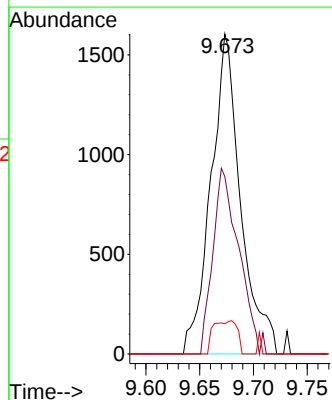
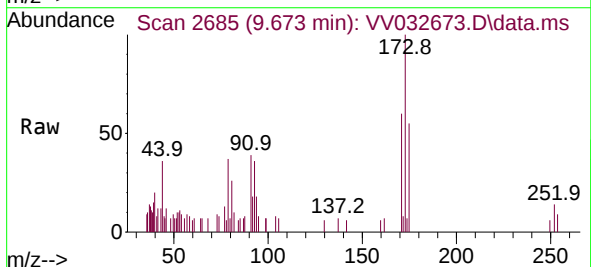
RT: 9.673 min Scan# 2685

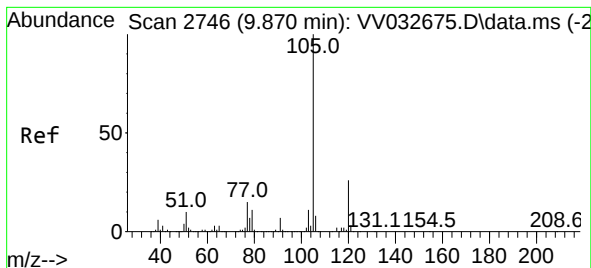
Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Tgt Ion:	173	Resp:	3085
Ion	Ratio	Lower	Upper
173	100		
175	50.7	38.4	57.6
254	8.4	6.9	10.3





#60

Isopropylbenzene

Concen: 0.405 ug/L

RT: 9.873 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032673.D

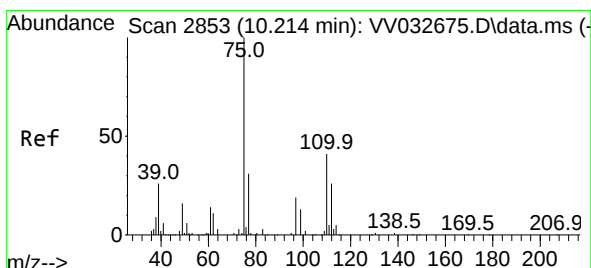
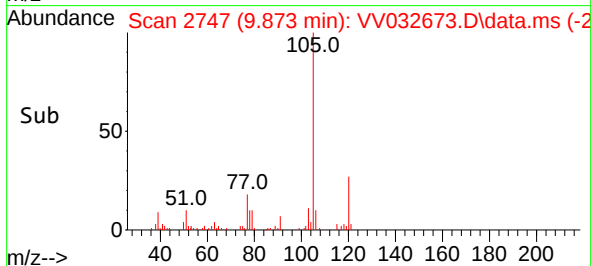
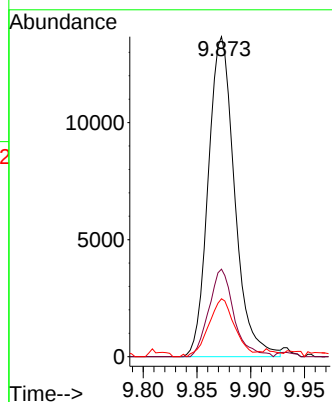
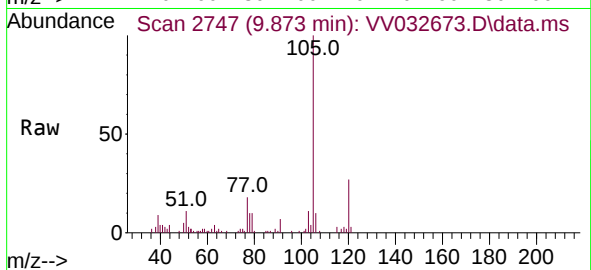
Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	23336
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.0	31.6
77	17.9	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 0.583 ug/L

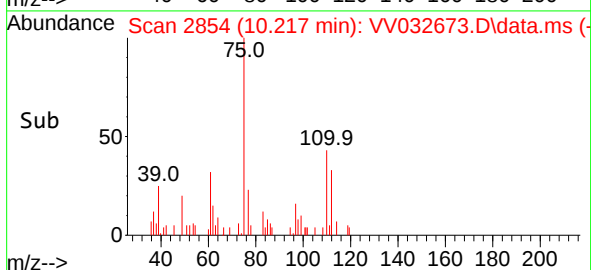
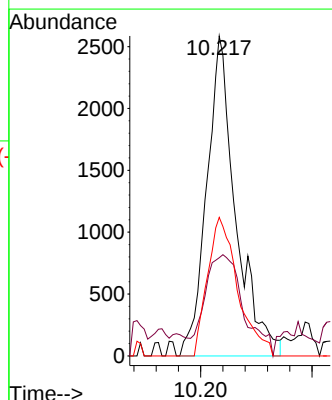
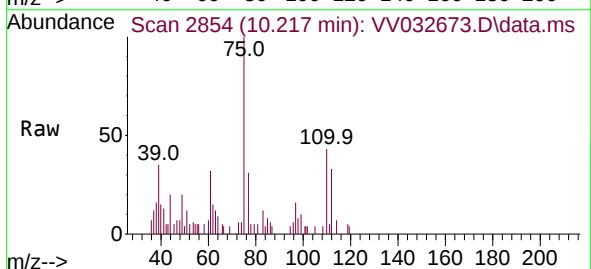
RT: 10.217 min Scan# 2854

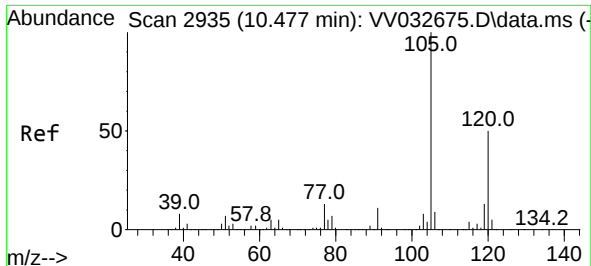
Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Tgt Ion:	75	Resp:	4684
Ion	Ratio	Lower	Upper
75	100		
77	41.7	24.5	36.7#
110	45.1	32.3	48.5





#62

1,3,5-Trimethylbenzene

Concen: 0.393 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

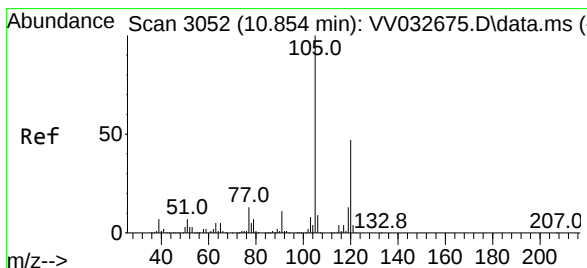
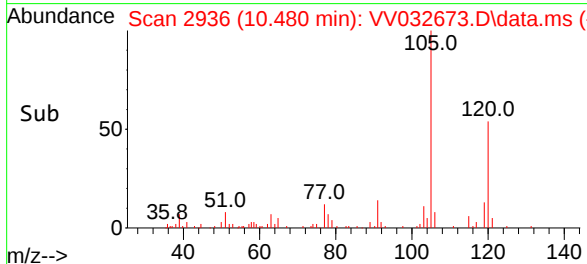
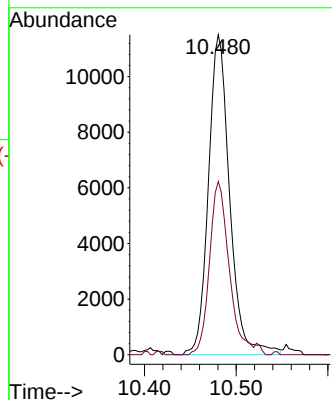
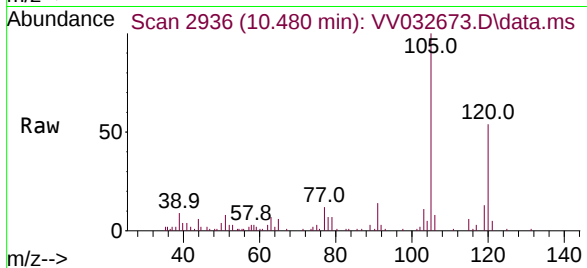
ClientSampleId :

Tgt Ion:105 Resp: 18471

Ion Ratio Lower Upper

105 100

120 50.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 0.371 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032673.D

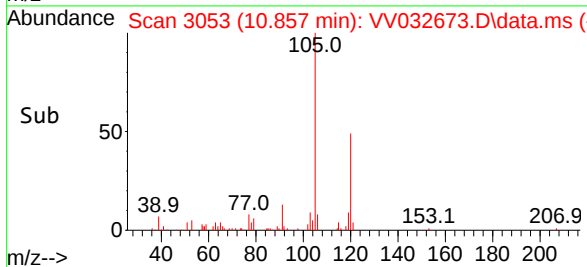
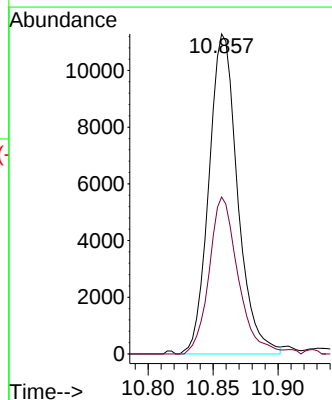
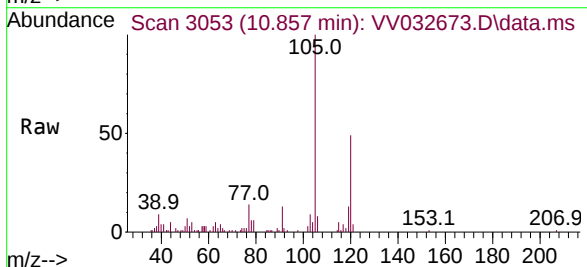
Acq: 27 Oct 2023 10:16

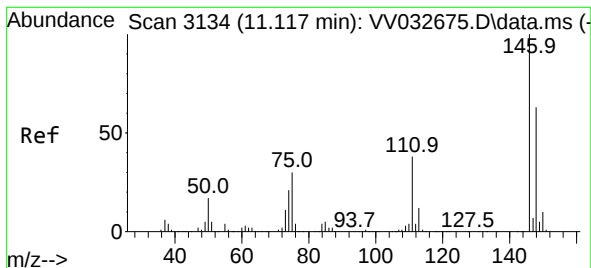
Tgt Ion:105 Resp: 17346

Ion Ratio Lower Upper

105 100

120 49.8 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 0.501 ug/L

RT: 11.123 min Scan# 3134

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :

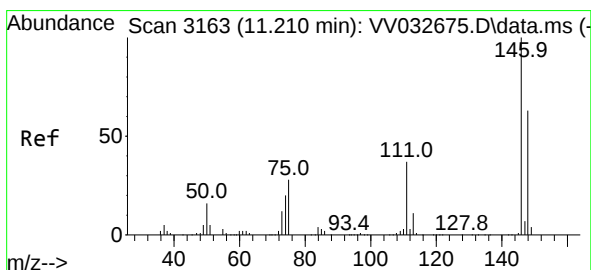
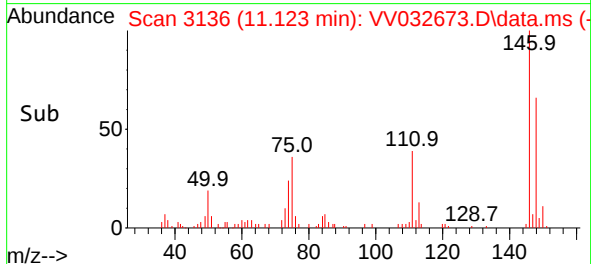
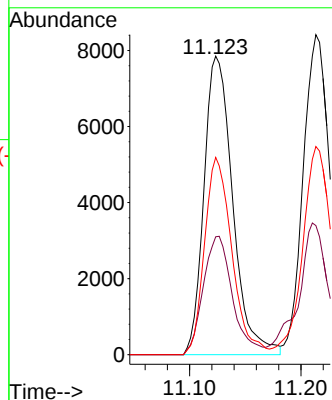
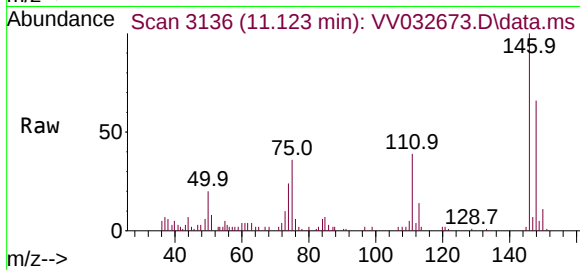
Tgt Ion:146 Resp: 14088

Ion Ratio Lower Upper

146 100

111 39.5 26.8 49.8

148 66.1 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 0.534 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

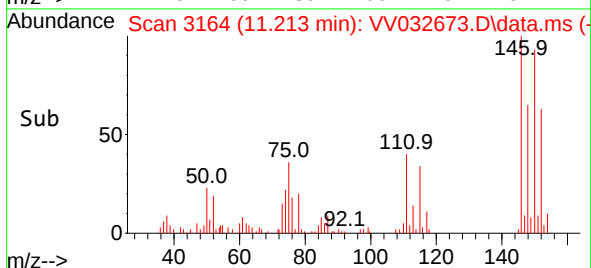
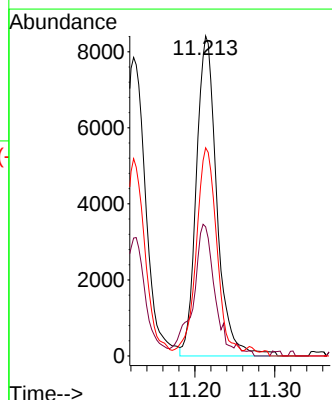
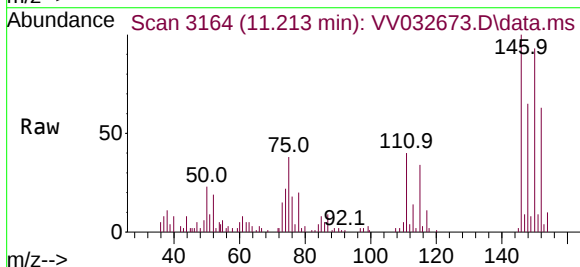
Tgt Ion:146 Resp: 15036

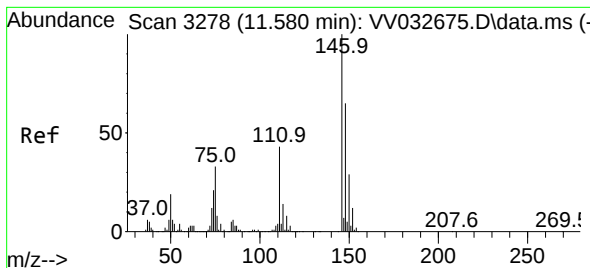
Ion Ratio Lower Upper

146 100

111 40.4 26.2 48.8

148 65.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.516 ug/L

RT: 11.586 min Scan# 31

Delta R.T. 0.006 min

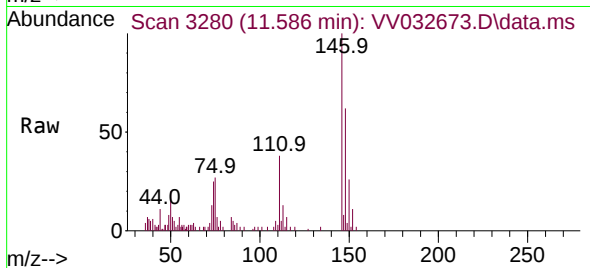
Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

Instrument :

MSVOA_V

ClientSampleId :



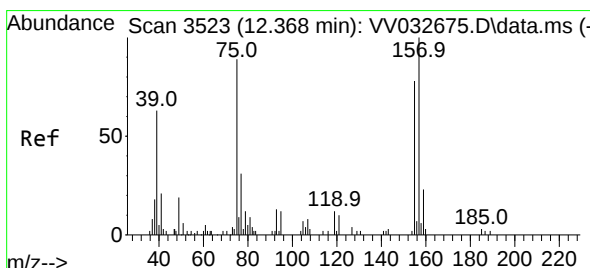
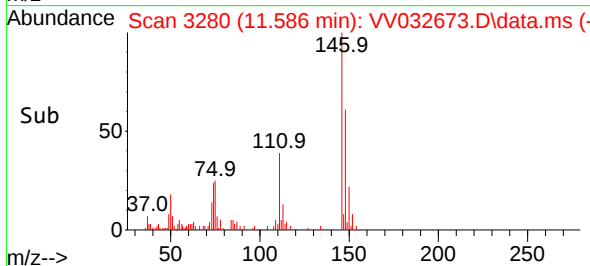
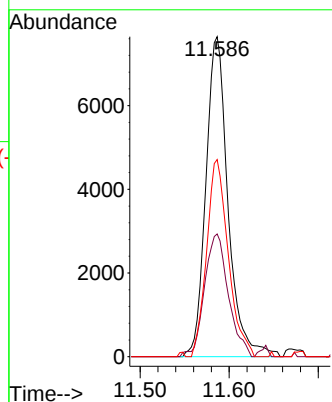
Tgt Ion:146 Resp: 13205

Ion Ratio Lower Upper

146 100

111 38.4 34.2 51.4

148 61.6 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.785 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.006 min

Lab File: VV032673.D

Acq: 27 Oct 2023 10:16

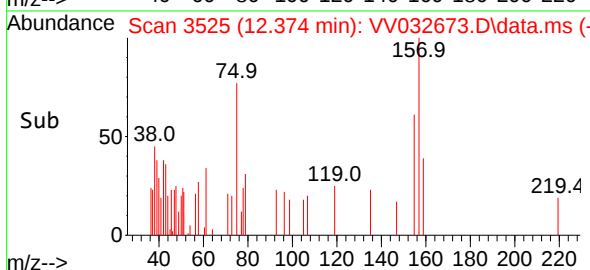
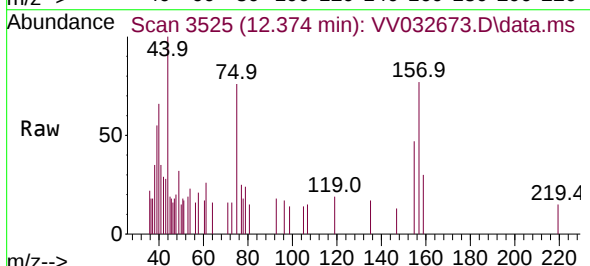
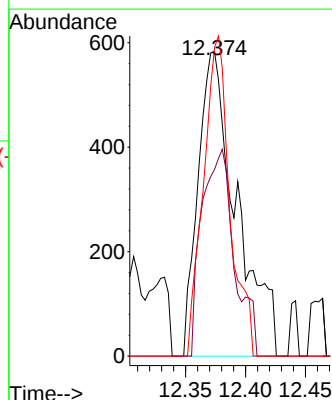
Tgt Ion: 75 Resp: 1300

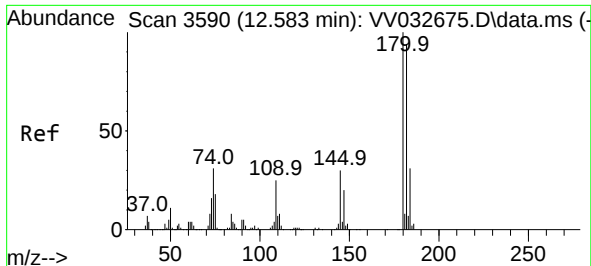
Ion Ratio Lower Upper

75 100

155 61.5 70.1 105.1#

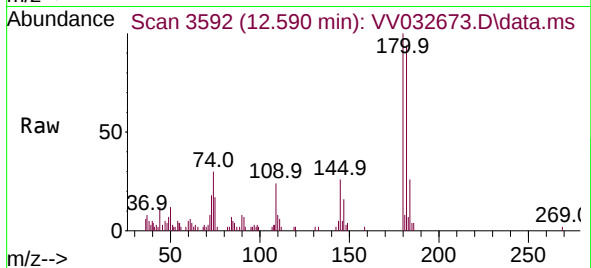
157 101.5 90.2 135.2



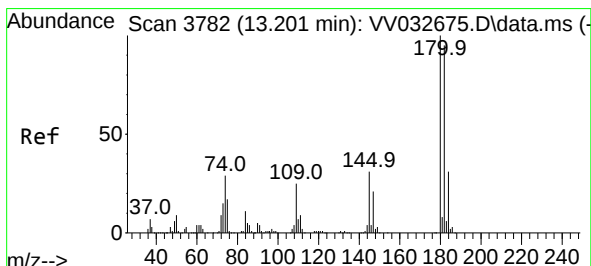
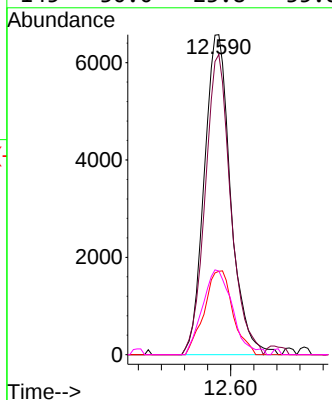
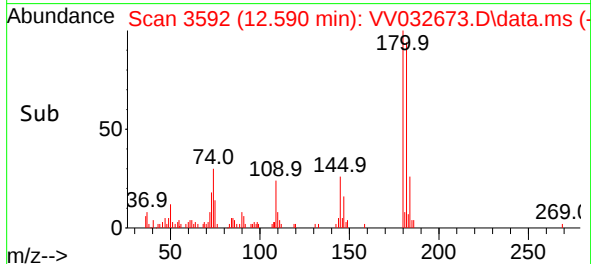


#69
 1,3,5-Trichlorobenzene
 Concen: 0.512 ug/L
 RT: 12.590 min Scan# 3590
 Delta R.T. 0.006 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

Instrument :
 MSVOA_V
 ClientSampleId :

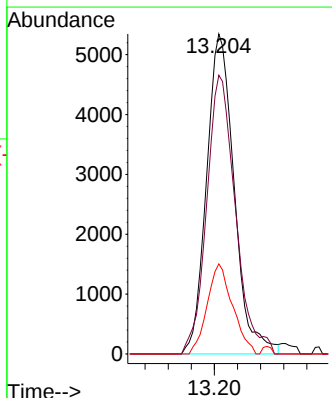
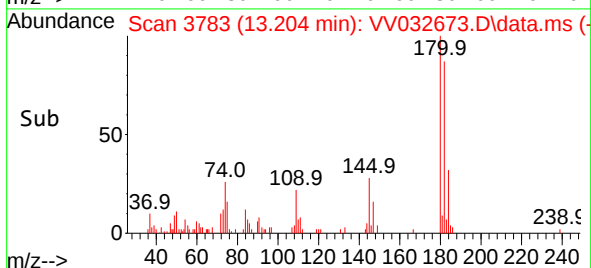
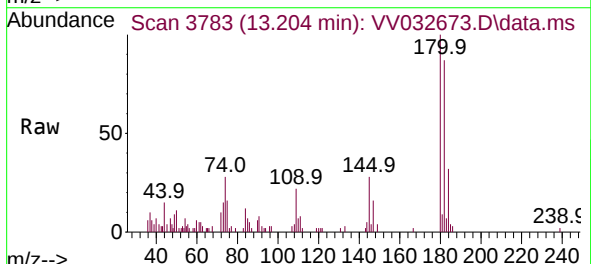


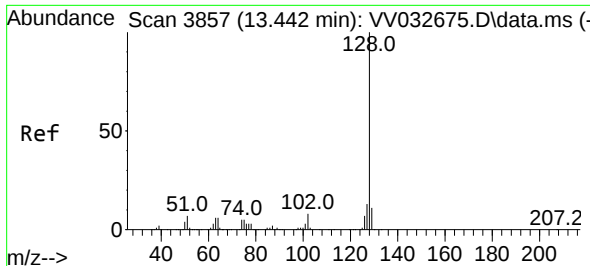
Tgt Ion:	180	Resp:	10440
Ion Ratio	Lower	Upper	
180	100		
182	90.8	76.6	115.0
184	28.3	24.3	36.5
145	30.0	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.496 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.003 min
 Lab File: VV032673.D
 Acq: 27 Oct 2023 10:16

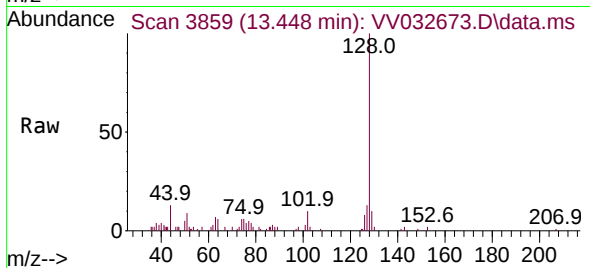
Tgt Ion:	180	Resp:	8876
Ion Ratio	Lower	Upper	
180	100		
182	90.4	75.7	113.5
145	25.8	25.0	37.4



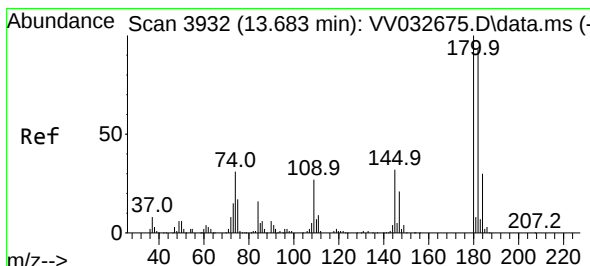
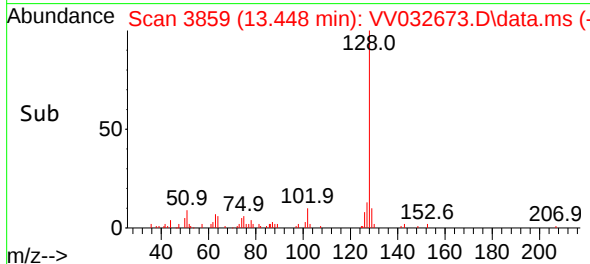
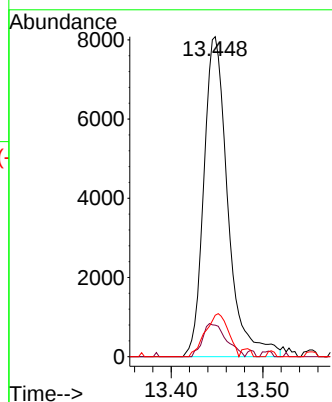


#71
Naphthalene
Concen: 0.491 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.006 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 14725
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.466 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032673.D
Acq: 27 Oct 2023 10:16

Tgt Ion:180 Resp: 7224
Ion Ratio Lower Upper
180 100
182 98.3 75.4 113.2
145 32.5 26.4 39.6

