

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032670.D
 Acq On : 26 Oct 2023 19:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:38:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	88301	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31350	4.365	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.532	69	30059	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.059	65	13414	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.815	46	60373	33.233	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.460%
24) Chloroform-d	4.384	84	12009	0.948	ug/L	0.13
Spiked Amount	5.000	Range	70 - 125	Recovery	=	19.000%#
26) 1,2-Dichloroethane-d4	4.947	65	29682	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.963	84	113750	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.992	67	33602	3.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.246	98	117220	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.558	79	14253	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.030	63	72396	44.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.900%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33705	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	42879	4.256	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49328	5.013	ug/L	97
3) Chloromethane	1.217	50	52108	5.253	ug/L	100
5) Vinyl chloride	1.281	62	51512	5.445	ug/L	99
6) Bromomethane	1.487	94	32730	5.727	ug/L	96
8) Chloroethane	1.548	64	32912	5.778	ug/L	99
9) Trichlorofluoromethane	1.712	101	67544	5.953	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	34287	4.987	ug/L	98
12) 1,1-Dichloroethene	2.069	96	34013	5.252	ug/L	91
13) Acetone	2.140	43	39852	28.462	ug/L	91
14) Carbon disulfide	2.240	76	111350	4.919	ug/L	99
15) Methyl Acetate	2.387	43	9007	2.857	ug/L #	81
16) Methylene chloride	2.449	84	38991	4.618	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	75439	4.279	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	33218	4.478	ug/L	99
19) 1,1-Dichloroethane	3.114	63	60167	4.312	ug/L	99
21) 2-Butanone	3.895	43	64877	29.629	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	34885	4.368	ug/L	98
23) Bromochloromethane	4.149	128	16696	4.969	ug/L	94
25) Chloroform	4.281	83	67127	4.903	ug/L	98

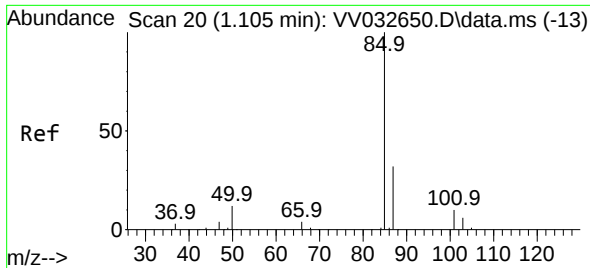
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	40498	5.007	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	56084	4.117	ug/L	99
30) Cyclohexane	4.584	56	46123	3.081	ug/L	97
31) Carbon tetrachloride	4.738	117	48526	4.210	ug/L	100
33) Benzene	5.014	78	141525	4.012	ug/L	100
34) Trichloroethene	5.834	95	36592	3.800	ug/L	97
35) Methylcyclohexane	6.053	83	53526	3.592	ug/L	96
37) 1,2-Dichloropropane	6.098	63	37305	3.954	ug/L #	97
38) Bromodichloromethane	6.436	83	43813	3.909	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	53231	3.965	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	230693	38.642	ug/L	99
42) Toluene	7.317	91	171148	4.551	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	44516	4.035	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	30590	4.597	ug/L	99
47) Tetrachloroethene	7.908	164	32239	4.415	ug/L	96
48) 2-Hexanone	8.082	43	167735	39.822	ug/L	99
49) Dibromochloromethane	8.178	129	32664	4.715	ug/L	94
50) 1,2-Dibromoethane	8.288	107	28128	4.469	ug/L	93
51) Chlorobenzene	8.818	112	107850	4.455	ug/L	98
52) Ethylbenzene	8.950	91	173702	4.148	ug/L	99
53) m,p-Xylene	9.075	106	66893	4.307	ug/L	95
54) o-Xylene	9.484	106	63182	4.222	ug/L	95
55) Styrene	9.500	104	113574	4.494	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	35301	4.821	ug/L	98
59) Bromoform	9.670	173	18122	4.590	ug/L	99
60) Isopropylbenzene	9.869	105	170802	4.048	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	24950	4.318	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	132758	3.860	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	134541	3.930	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	85401	4.237	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	84621	4.185	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	78907	4.292	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	4763	4.034	ug/L	92
69) 1,3,5-Trichlorobenzene	12.586	180	58532	3.965	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	47601	3.636	ug/L	99
71) Naphthalene	13.442	128	72079	3.241	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	43901	3.891	ug/L	99

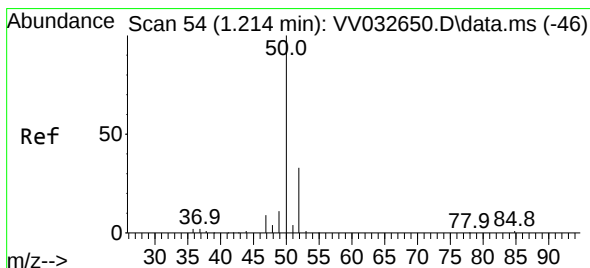
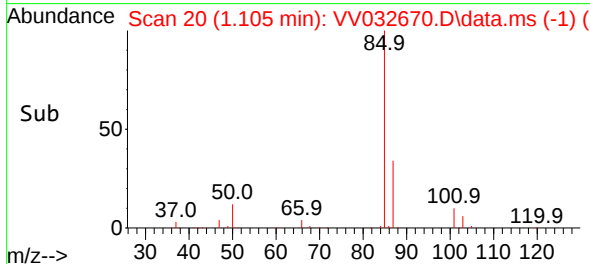
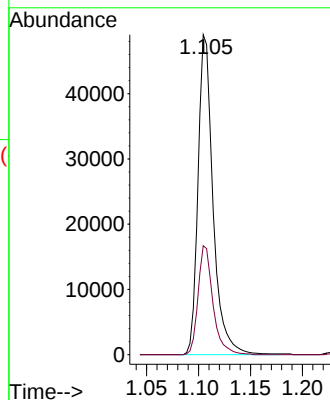
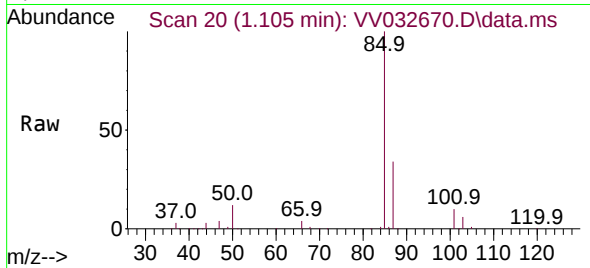
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#2
 Dichlorodifluoromethane
 Concen: 5.013 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

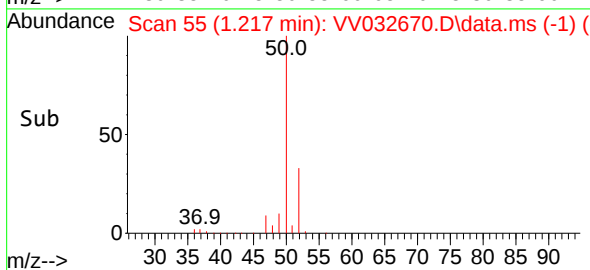
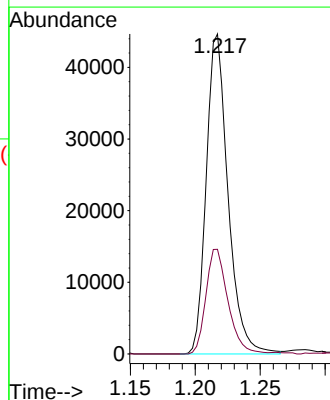
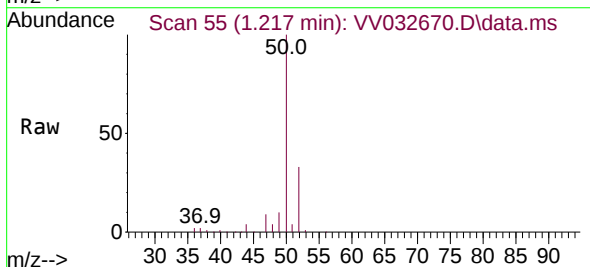
Instrument :
 MSVOA_V
 ClientSampleId :

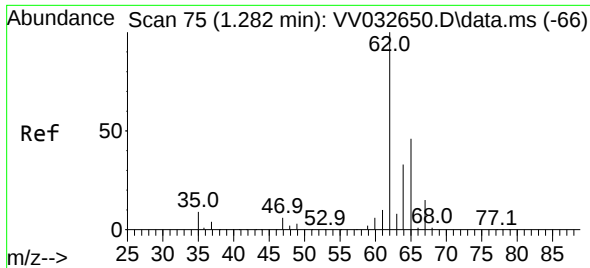
Tgt Ion: 85 Resp: 49328
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.5 38.3



#3
 Chloromethane
 Concen: 5.253 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

Tgt Ion: 50 Resp: 52108
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.6





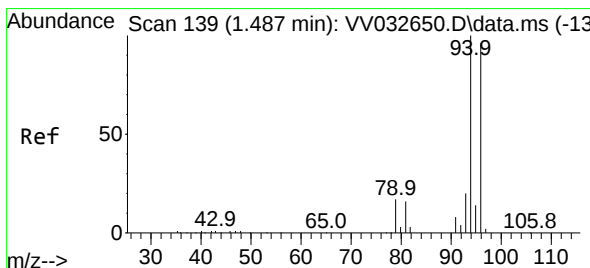
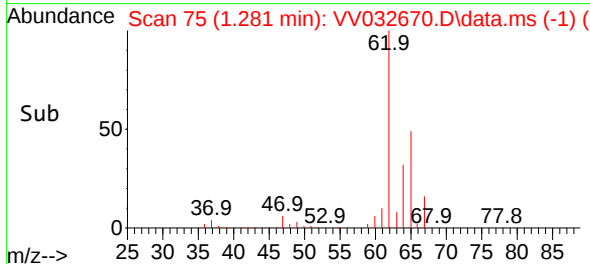
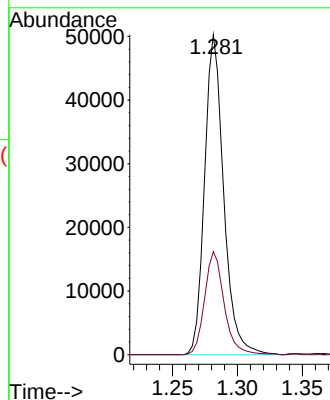
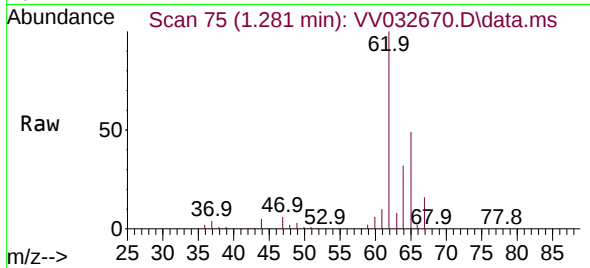
#5
 Vinyl chloride
 Concen: 5.445 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

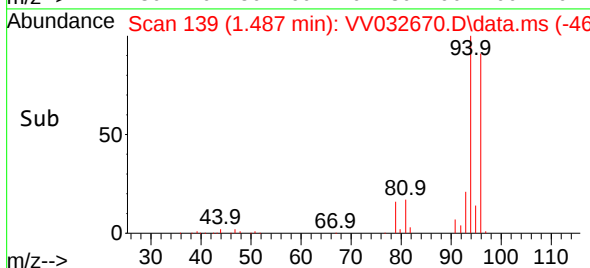
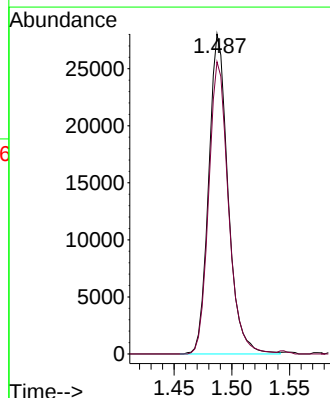
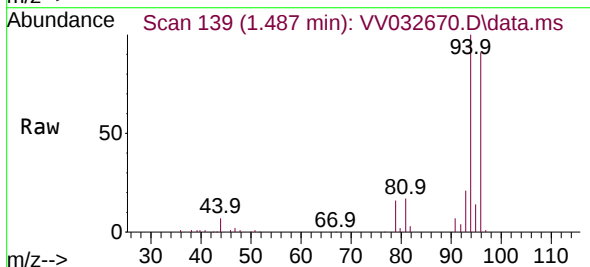
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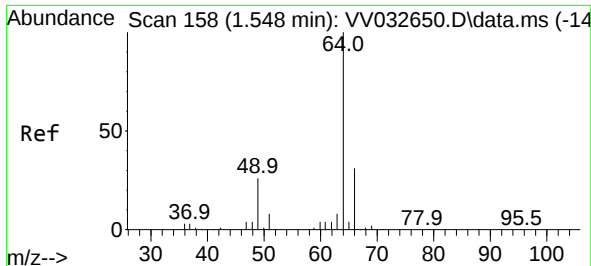
Tgt Ion: 62 Resp: 51512
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.1 42.9



#6
 Bromomethane
 Concen: 5.727 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

Tgt Ion: 94 Resp: 32730
 Ion Ratio Lower Upper
 94 100
 96 91.3 66.8 124.2

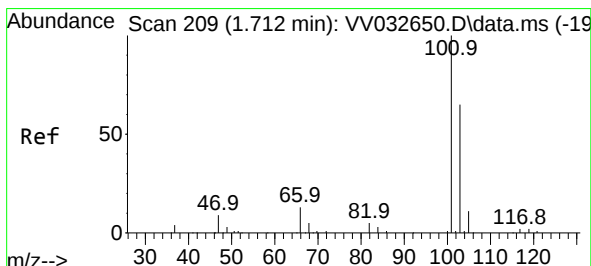
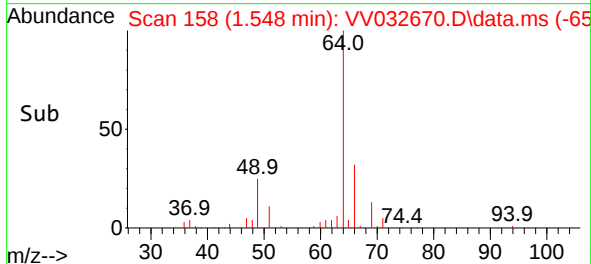
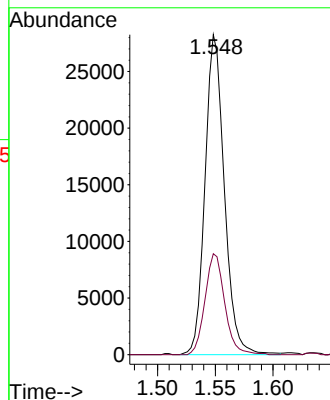
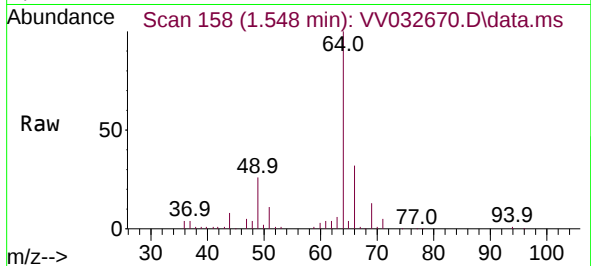




#8
Chloroethane
Concen: 5.778 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

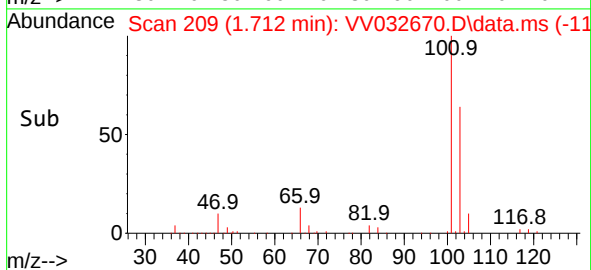
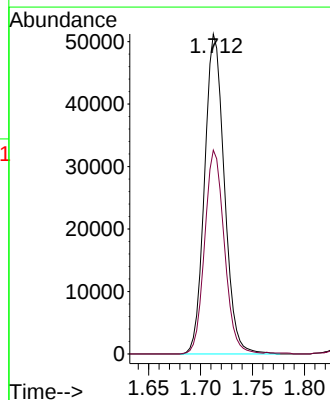
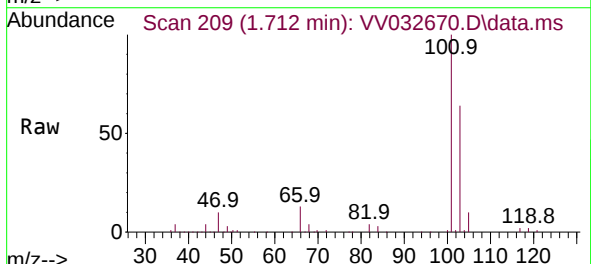
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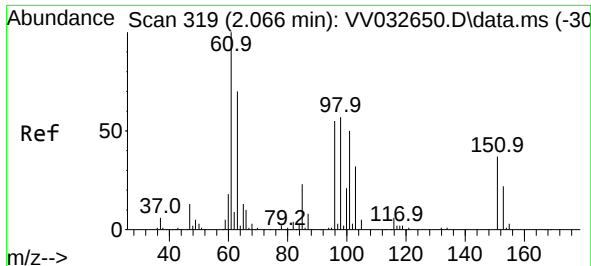
Tgt Ion: 64 Resp: 32912
Ion Ratio Lower Upper
64 100
66 31.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.953 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion:101 Resp: 67544
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

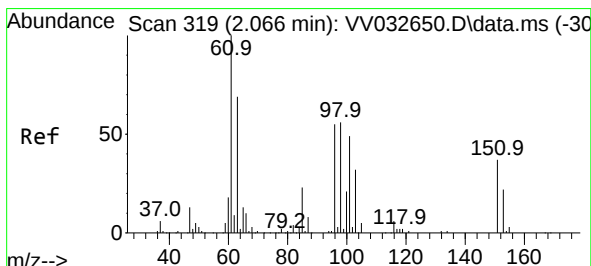
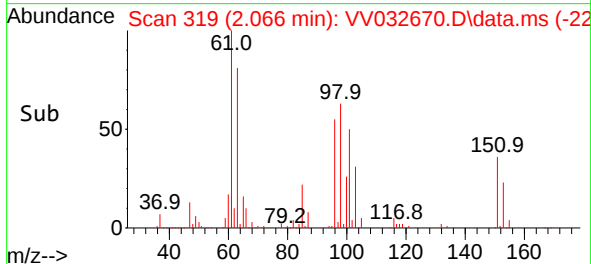
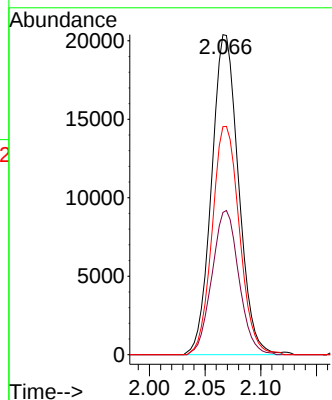
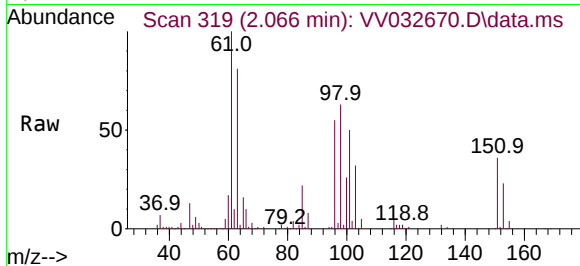




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.987 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

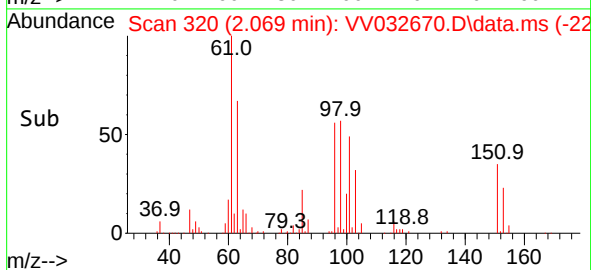
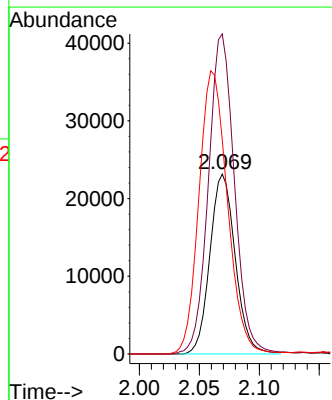
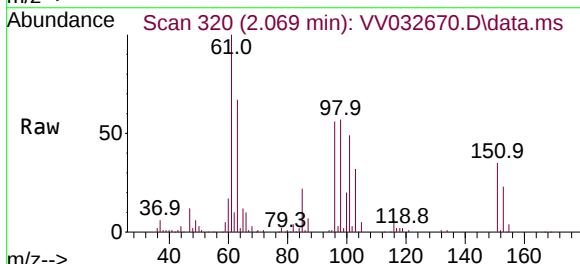
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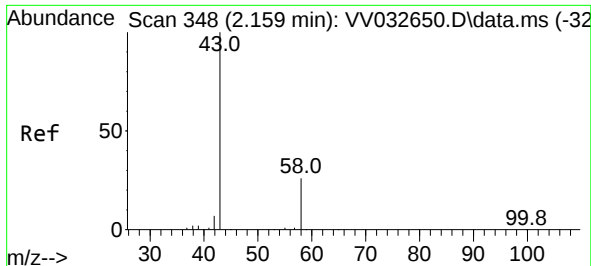
Tgt Ion:	101	Resp:	34287
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.0	52.6
151	72.2	56.6	84.8



#12
1,1-Dichloroethene
Concen: 5.252 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion:	96	Resp:	34013
Ion	Ratio	Lower	Upper
96	100		
61	177.9	127.3	236.3
63	118.9	98.3	182.7





#13

Acetone

Concen: 28.462 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

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MSVOA_V

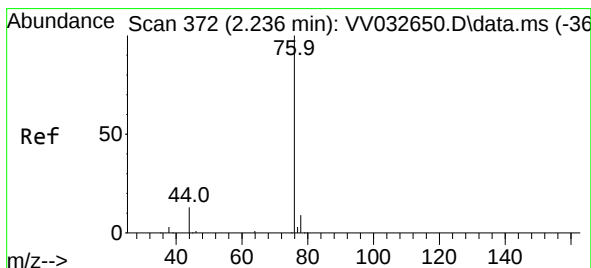
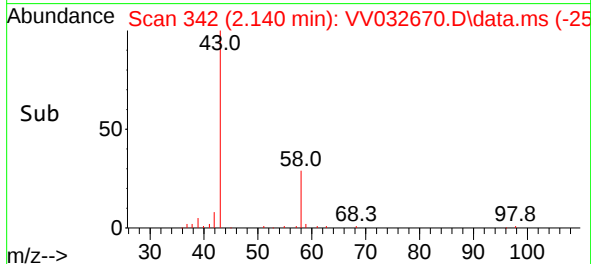
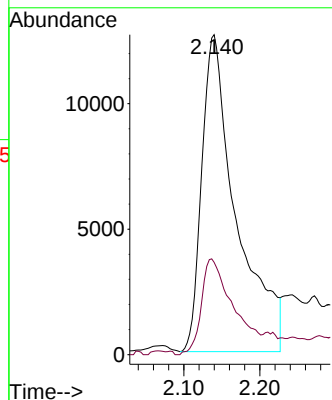
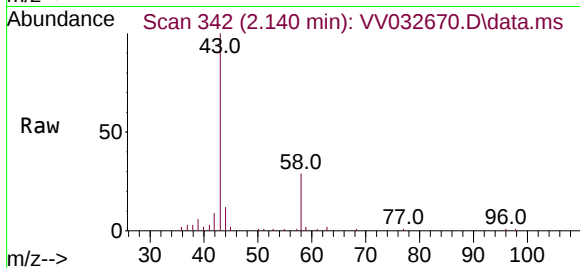
ClientSampleId :

Tgt Ion: 43 Resp: 39852

Ion Ratio Lower Upper

43 100

58 28.2 0.0 66.0



#14

Carbon disulfide

Concen: 4.919 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV032670.D

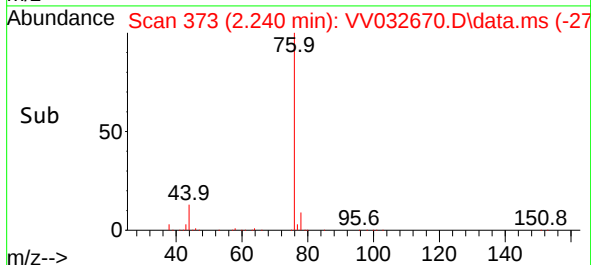
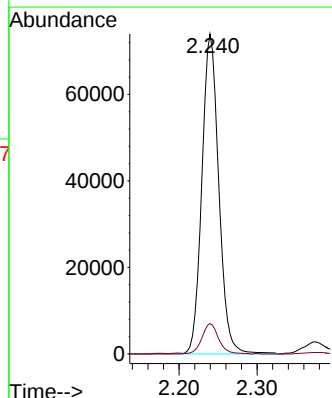
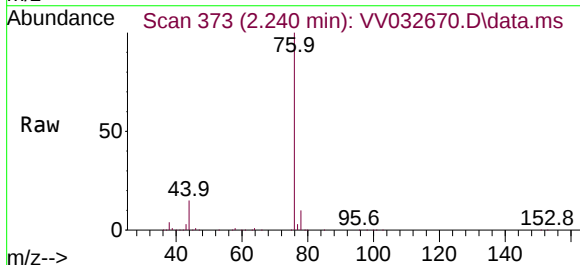
Acq: 26 Oct 2023 19:38

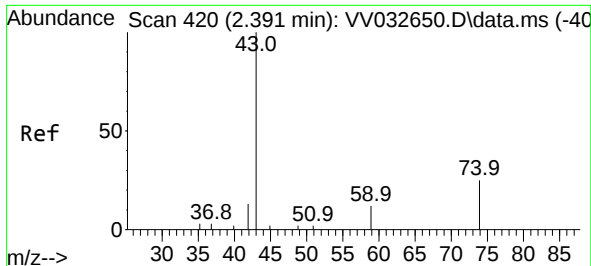
Tgt Ion: 76 Resp: 111350

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

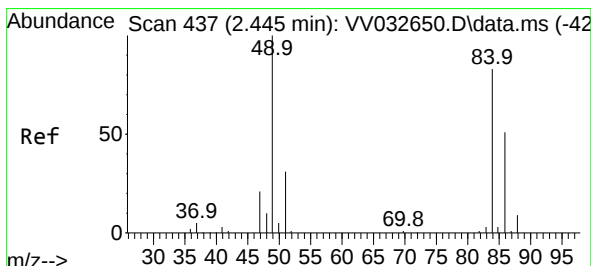
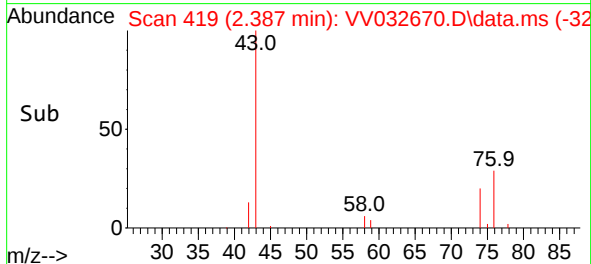
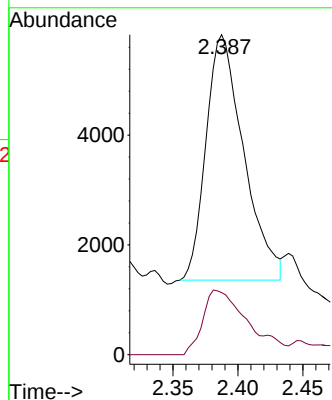
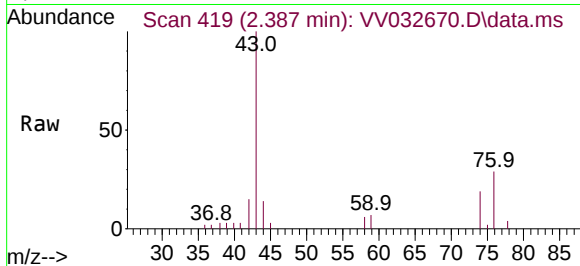




#15
Methyl Acetate
Concen: 2.857 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

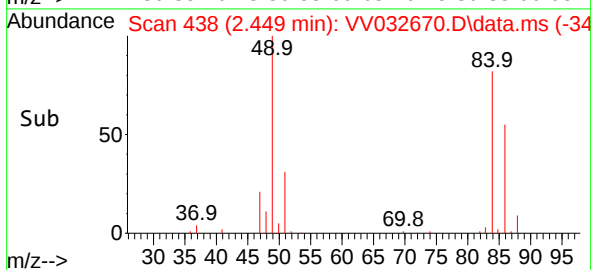
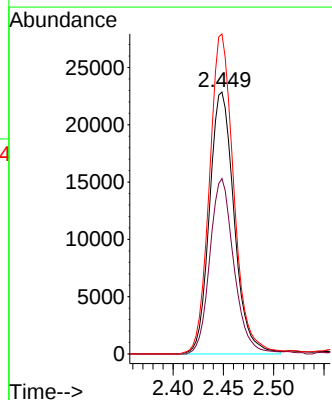
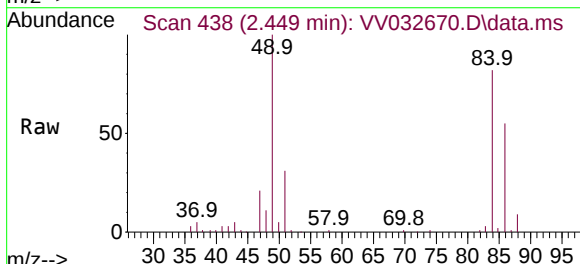
Instrument :
MSVOA_V
ClientSampleId :

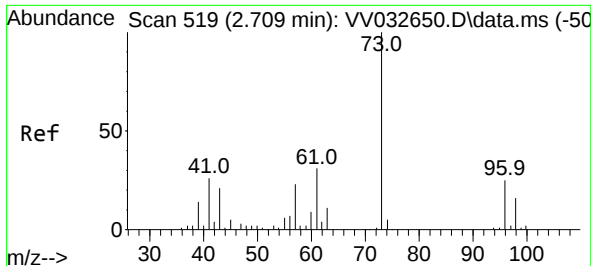
Tgt Ion: 43 Resp: 9007
Ion Ratio Lower Upper
43 100
74 31.5 18.0 27.0#



#16
Methylene chloride
Concen: 4.618 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

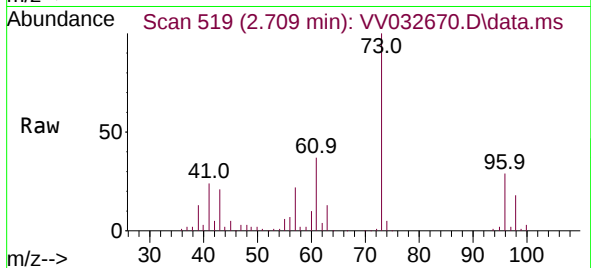
Tgt Ion: 84 Resp: 38991
Ion Ratio Lower Upper
84 100
86 66.9 43.2 80.2
49 122.1 86.3 160.3



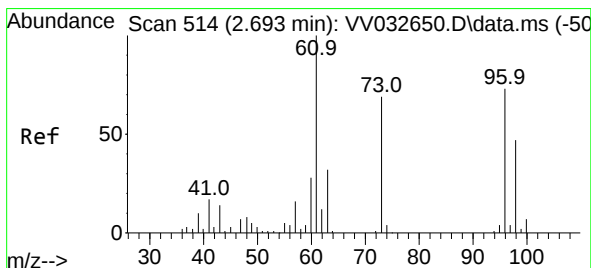
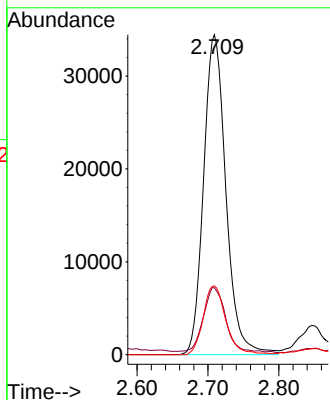
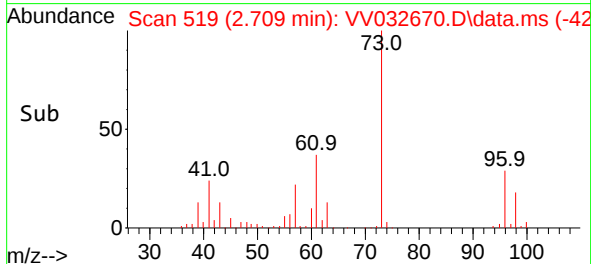


#17
Methyl tert-butyl Ether
Concen: 4.279 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

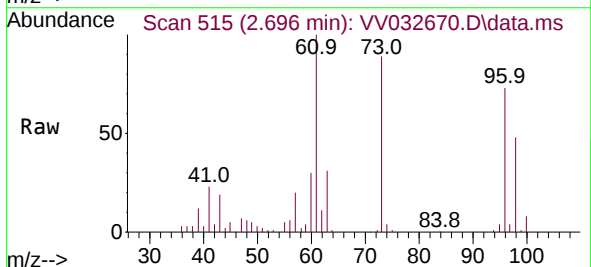
Instrument :
MSVOA_V
ClientSampleId :



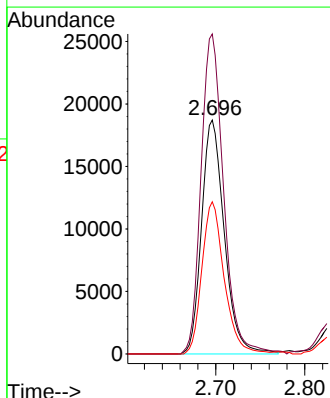
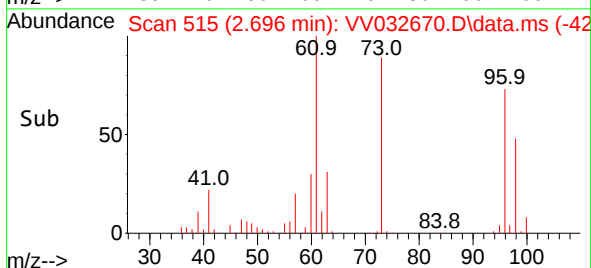
Tgt Ion: 73 Resp: 75439
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 21.6 18.3 27.5

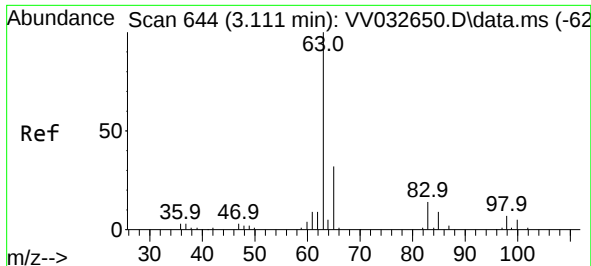


#18
trans-1,2-Dichloroethene
Concen: 4.478 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38



Tgt Ion: 96 Resp: 33218
Ion Ratio Lower Upper
96 100
61 136.8 96.9 180.1
98 65.0 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.312 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

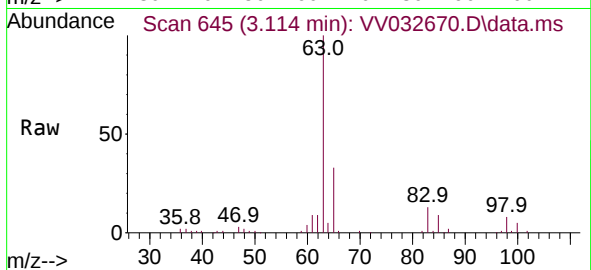
Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :



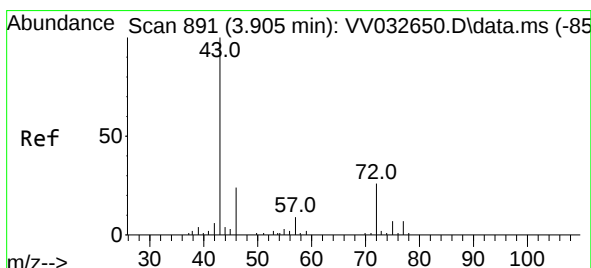
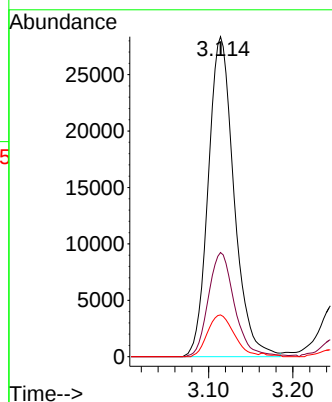
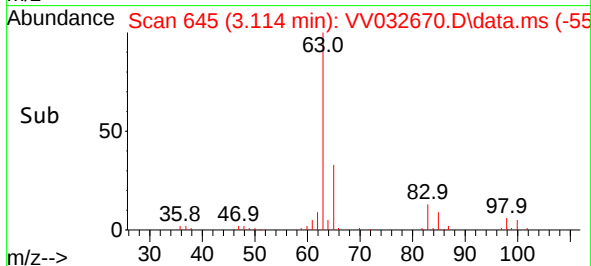
Tgt Ion: 63 Resp: 60167

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.5

83 13.1 9.0 16.6



#21

2-Butanone

Concen: 29.629 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.010 min

Lab File: VV032670.D

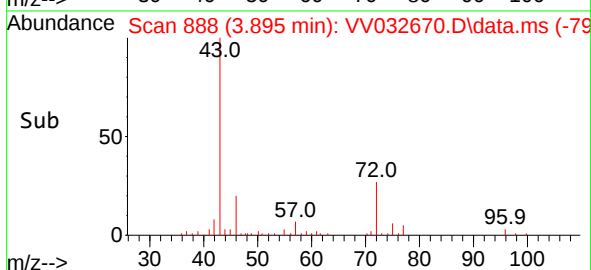
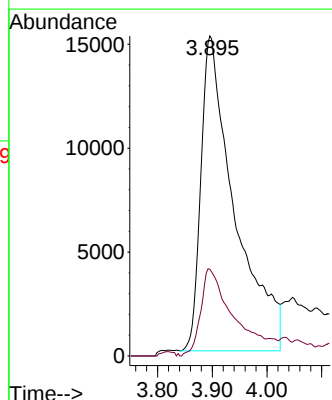
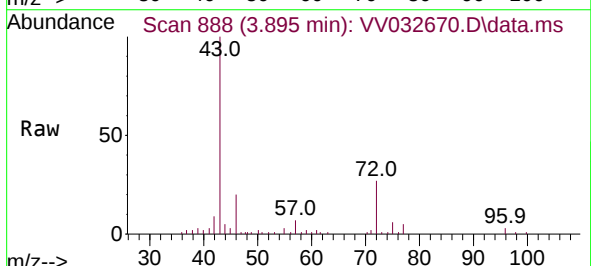
Acq: 26 Oct 2023 19:38

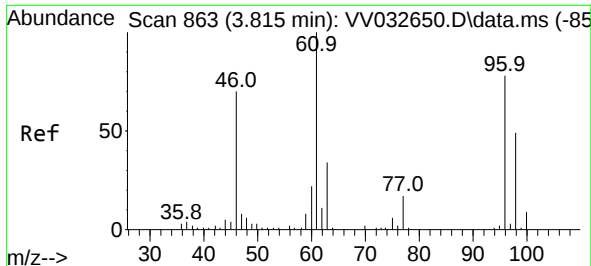
Tgt Ion: 43 Resp: 64877

Ion Ratio Lower Upper

43 100

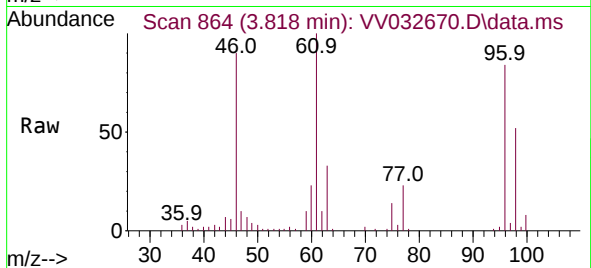
72 26.2 11.6 34.8





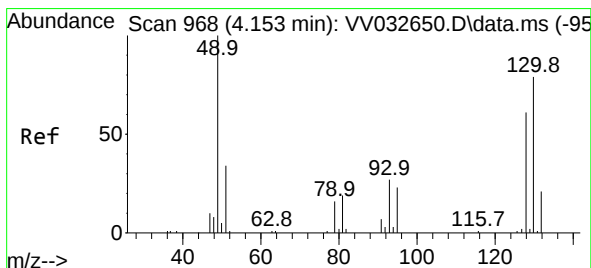
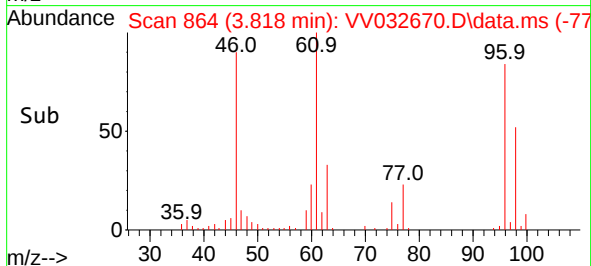
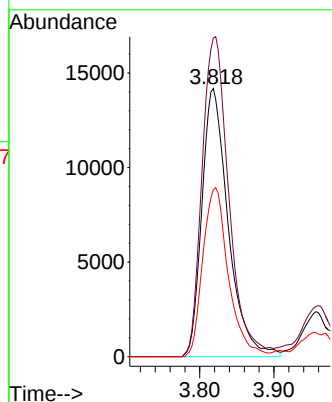
#22
 cis-1,2-Dichloroethene
 Concen: 4.368 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 34885

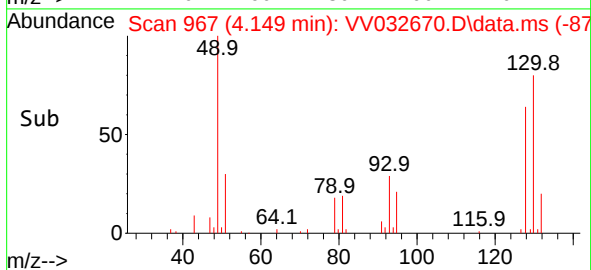
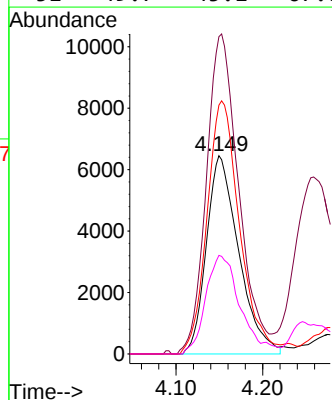
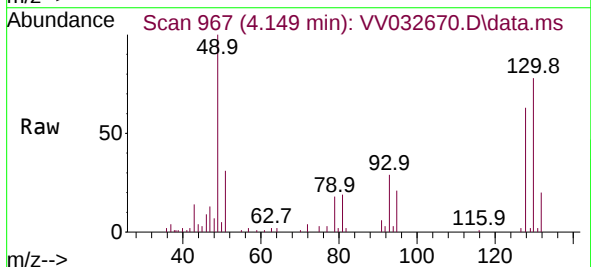
Ion	Ratio	Lower	Upper
96	100		
61	118.9	85.8	159.4
98	62.2	44.0	81.6

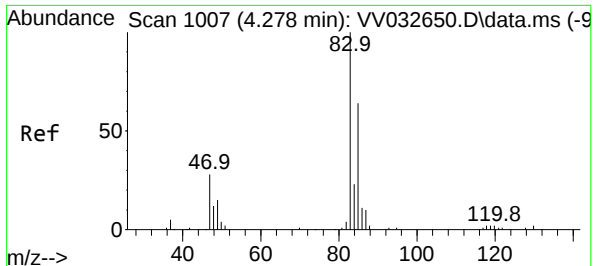


#23
 Bromochloromethane
 Concen: 4.969 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

Tgt Ion: 128 Resp: 16696

Ion	Ratio	Lower	Upper
128	100		
49	160.0	121.2	225.0
130	125.4	88.2	163.8
51	49.7	45.1	67.7

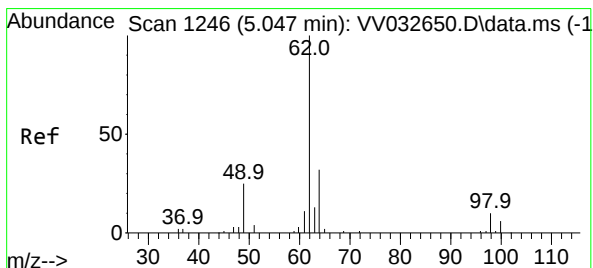
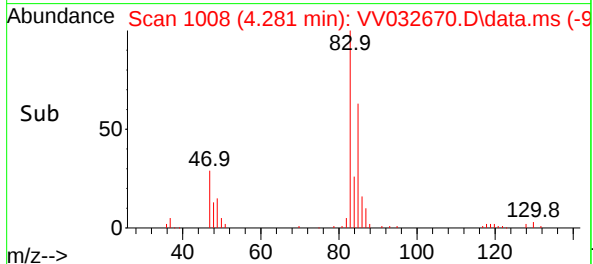
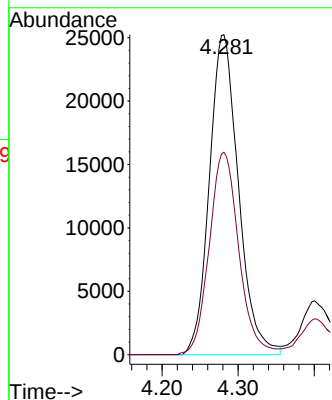
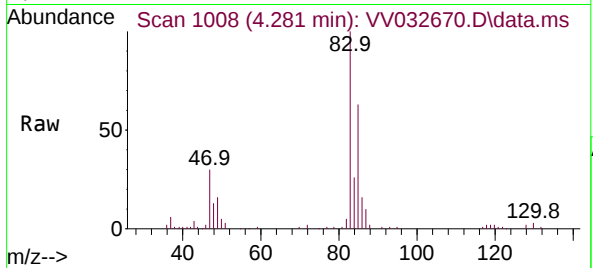




#25
Chloroform
Concen: 4.903 ug/L
RT: 4.281 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

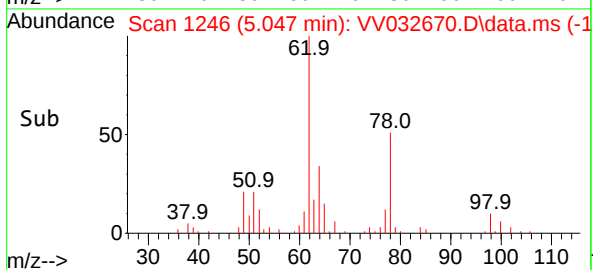
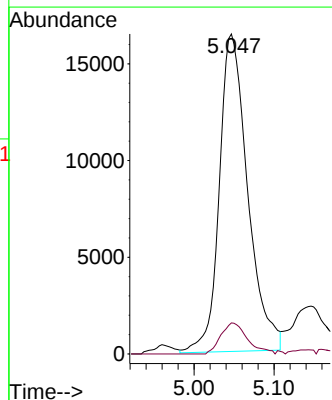
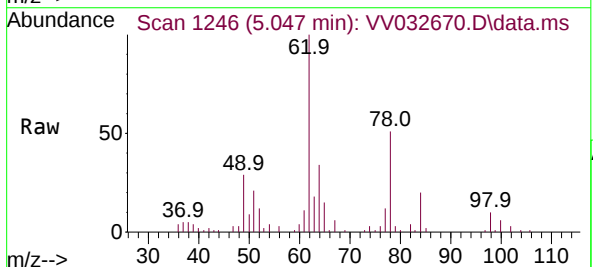
Instrument :
MSVOA_V
ClientSampleId :

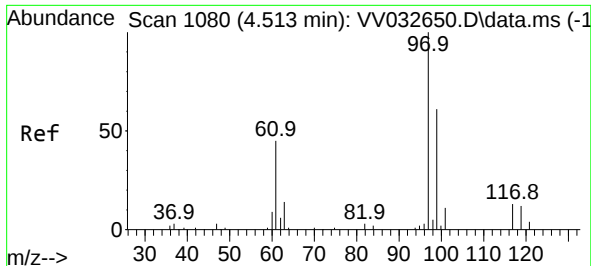
Tgt Ion: 83 Resp: 67127
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.007 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion: 62 Resp: 40498
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.117 ug/L

RT: 4.516 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :

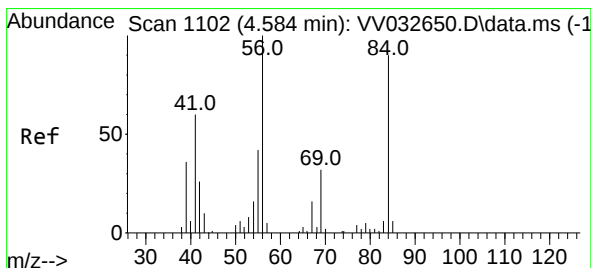
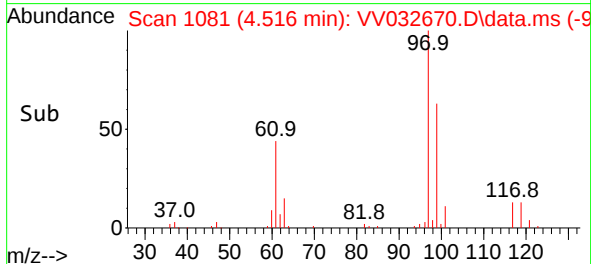
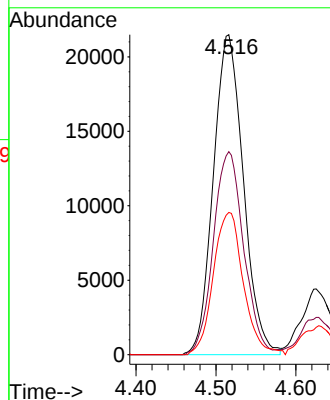
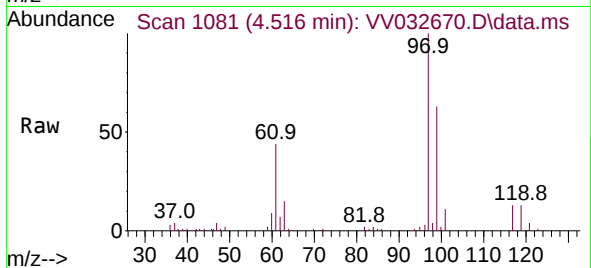
Tgt Ion: 97 Resp: 56084

Ion Ratio Lower Upper

97 100

99 64.1 50.1 75.1

61 44.3 35.1 52.7



#30

Cyclohexane

Concen: 3.081 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

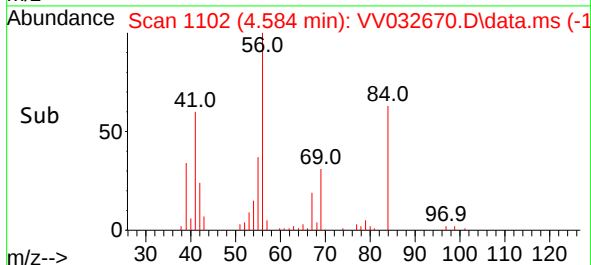
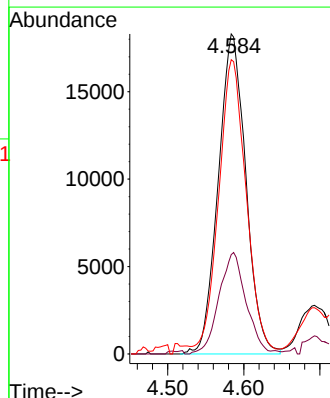
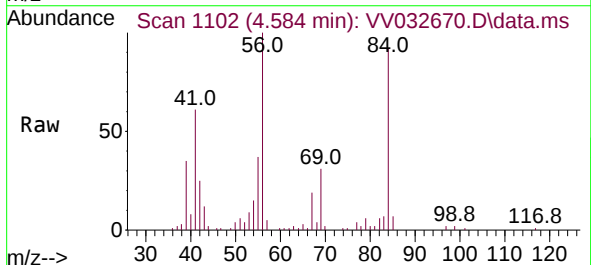
Tgt Ion: 56 Resp: 46123

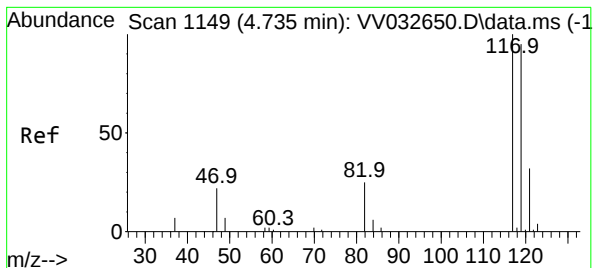
Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.2

84 88.0 68.1 102.1





#31

Carbon tetrachloride

Concen: 4.210 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

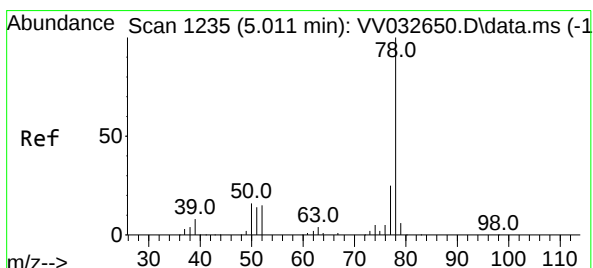
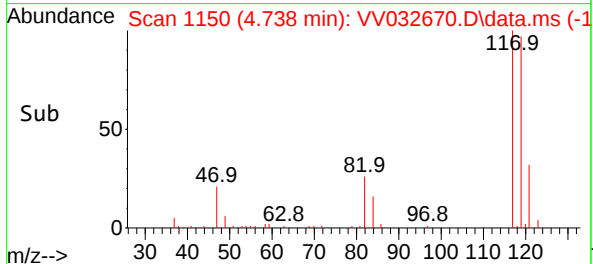
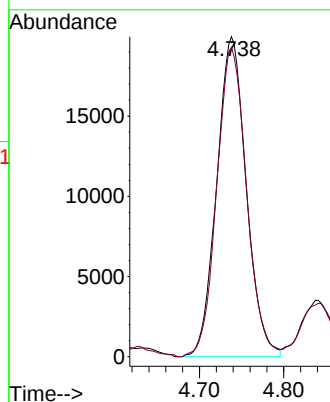
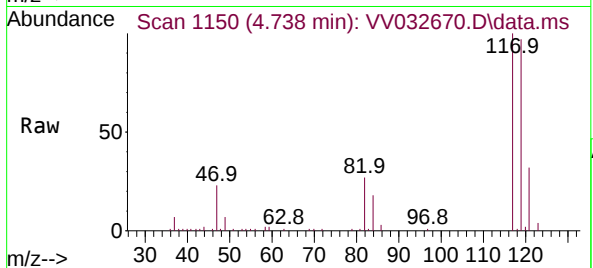
ClientSampleId :

Tgt Ion:117 Resp: 48526

Ion Ratio Lower Upper

117 100

119 97.4 77.6 116.4



#33

Benzene

Concen: 4.012 ug/L

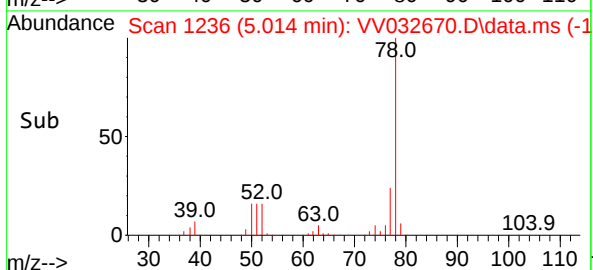
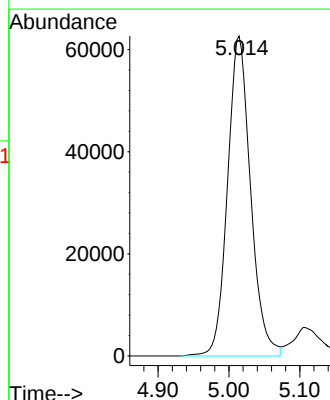
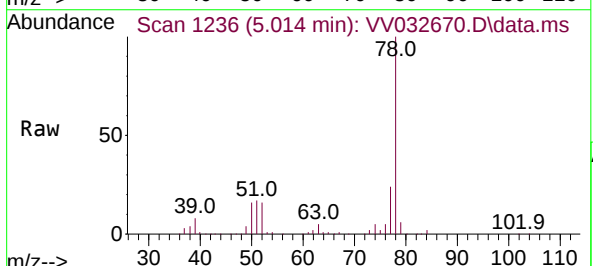
RT: 5.014 min Scan# 1236

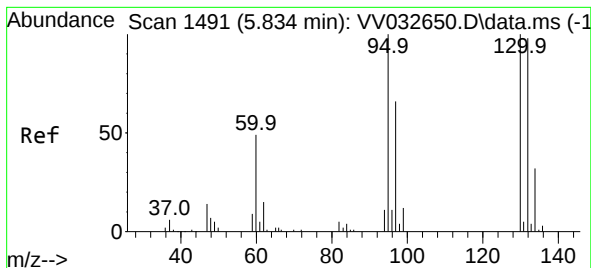
Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Tgt Ion: 78 Resp: 141525





#34

Trichloroethene

Concen: 3.800 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 36592

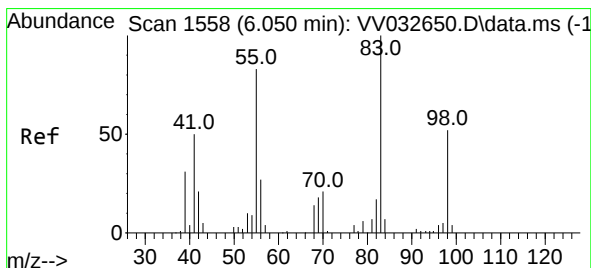
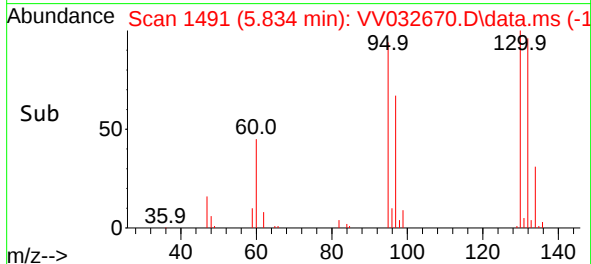
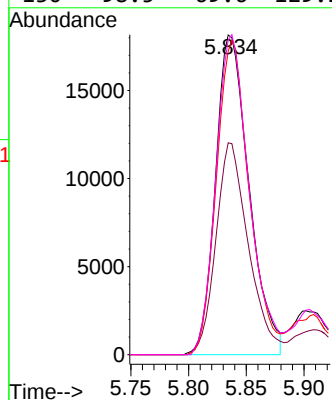
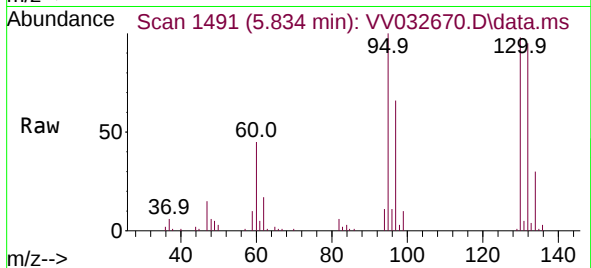
Ion Ratio Lower Upper

95 100

97 66.3 45.7 84.9

132 94.9 70.3 130.5

130 98.5 69.6 129.2



#35

Methylcyclohexane

Concen: 3.592 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

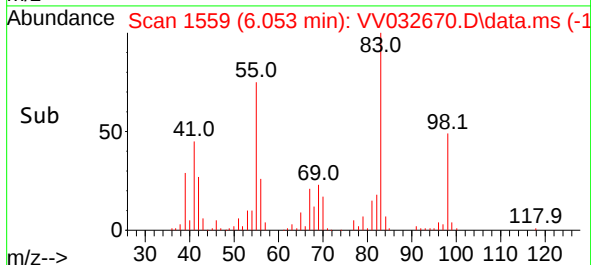
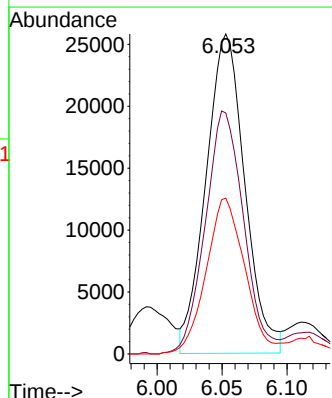
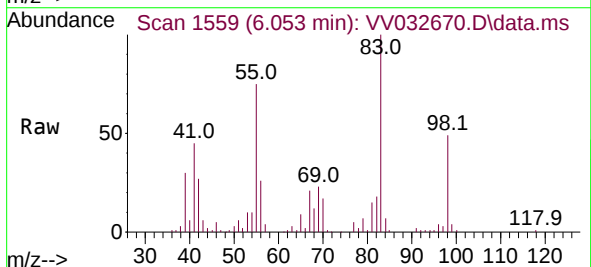
Tgt Ion: 83 Resp: 53526

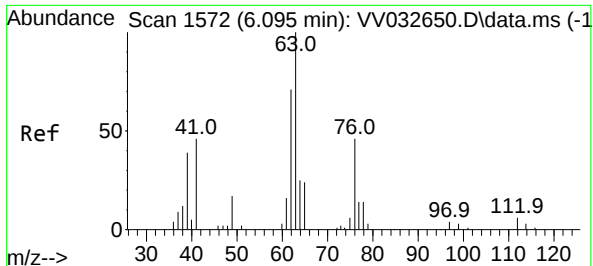
Ion Ratio Lower Upper

83 100

55 75.6 64.2 96.2

98 48.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 3.954 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

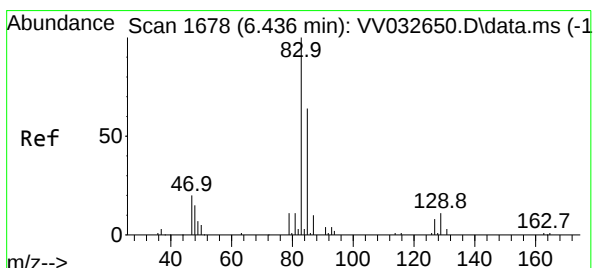
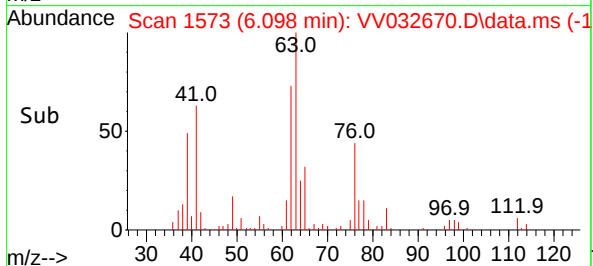
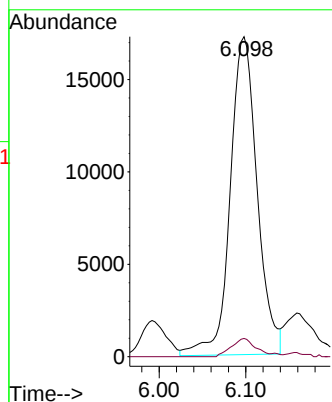
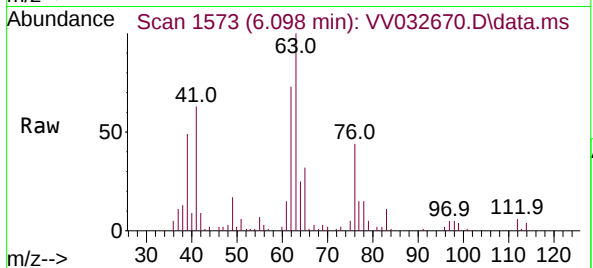
ClientSampleId :

Tgt Ion: 63 Resp: 37305

Ion Ratio Lower Upper

63 100

112 5.2 3.4 5.2#



#38

Bromodichloromethane

Concen: 3.909 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

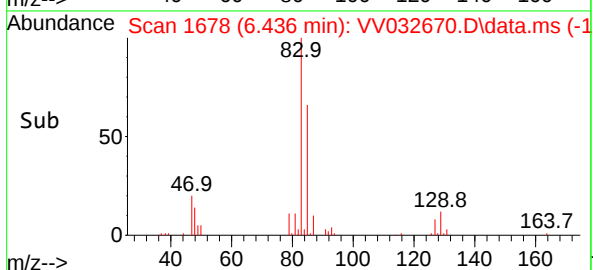
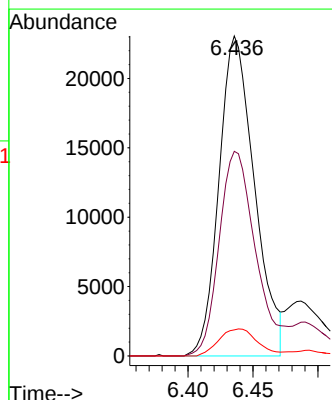
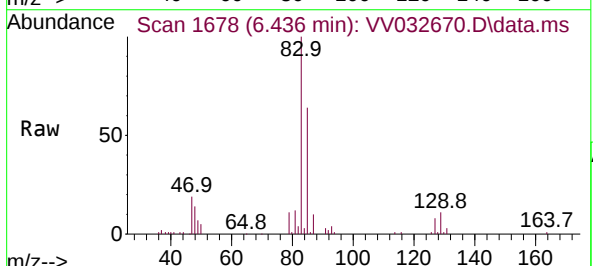
Tgt Ion: 83 Resp: 43813

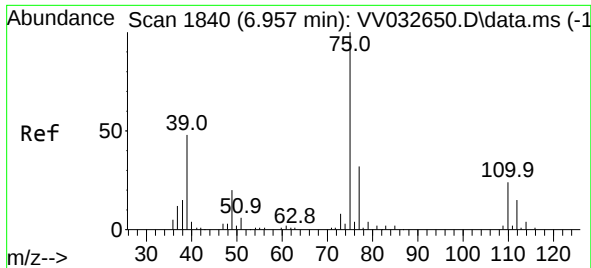
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3

127 8.1 6.9 10.3

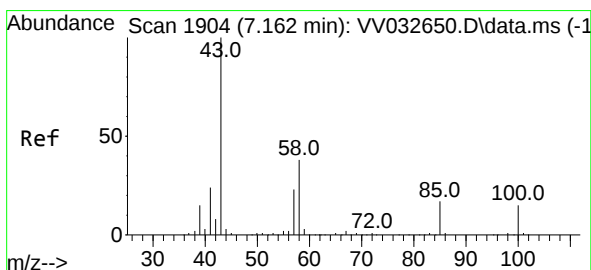
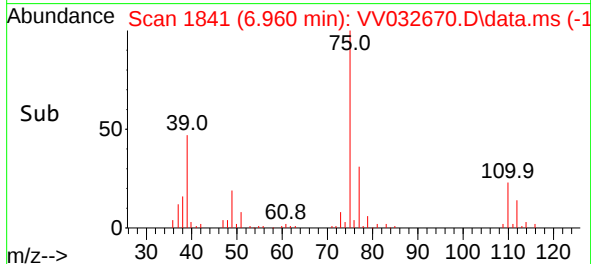
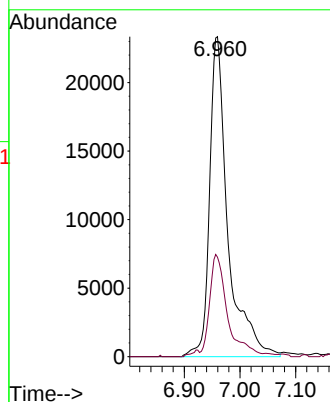
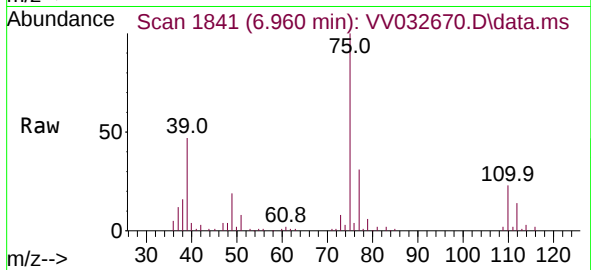




#39
 cis-1,3-Dichloropropene
 Concen: 3.965 ug/L
 RT: 6.960 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

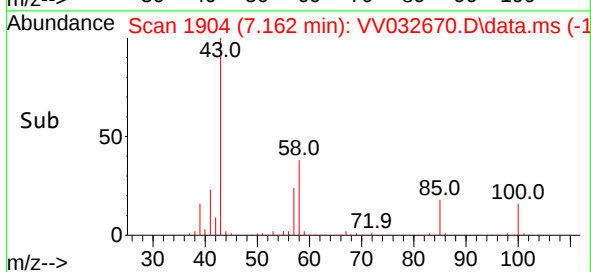
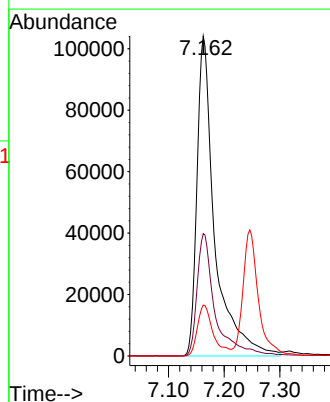
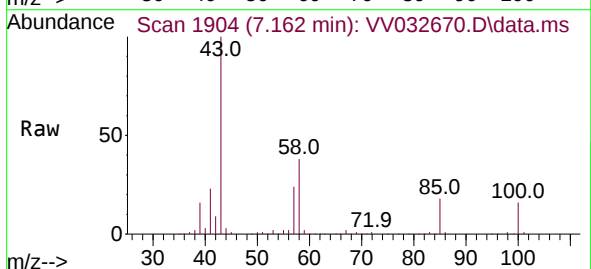
Instrument :
 MSVOA_V
 ClientSampleId :

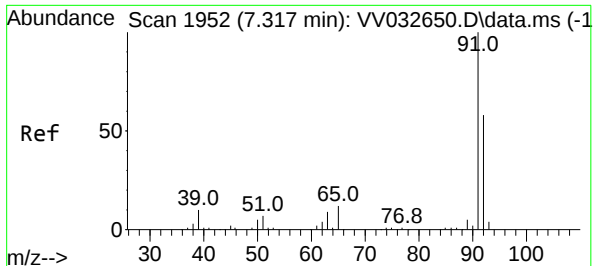
Tgt Ion: 75 Resp: 53231
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 38.642 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VV032670.D
 Acq: 26 Oct 2023 19:38

Tgt Ion: 43 Resp: 230693
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.9 47.9
 100 14.1 11.3 16.9





#42

Toluene

Concen: 4.551 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

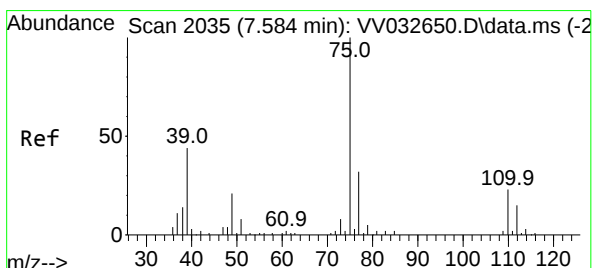
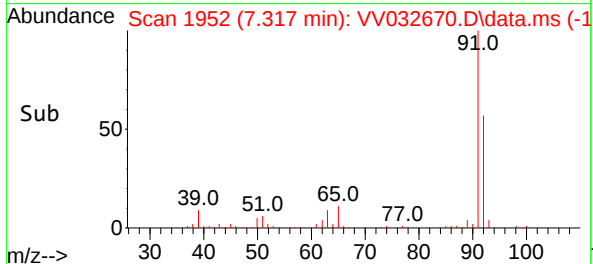
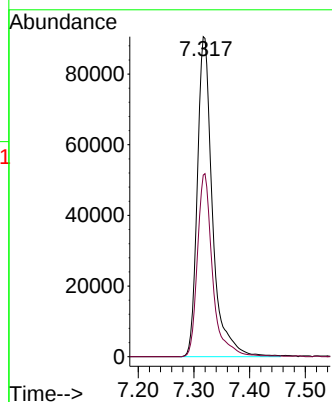
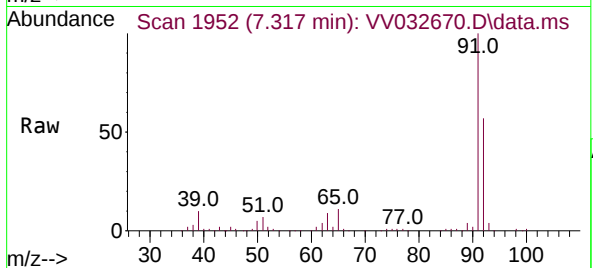
ClientSampleId :

Tgt Ion: 91 Resp: 171148

Ion Ratio Lower Upper

91 100

92 56.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.035 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032670.D

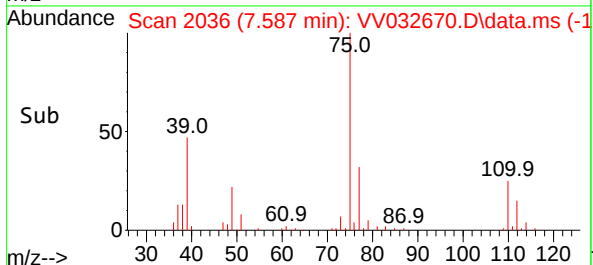
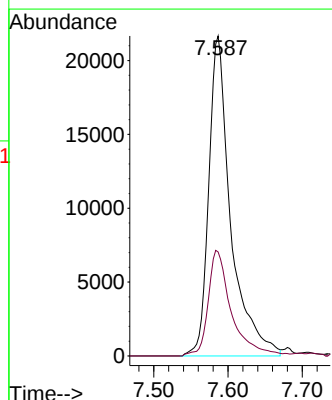
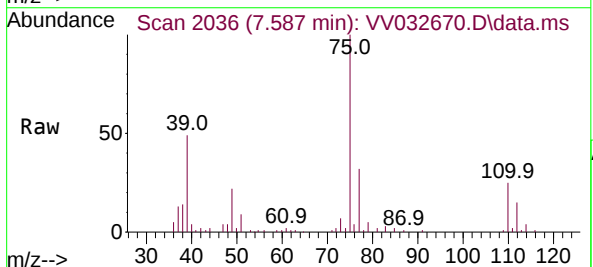
Acq: 26 Oct 2023 19:38

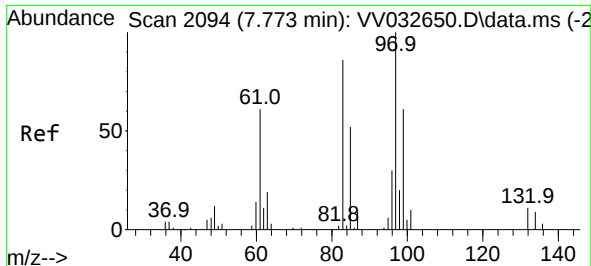
Tgt Ion: 75 Resp: 44516

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7

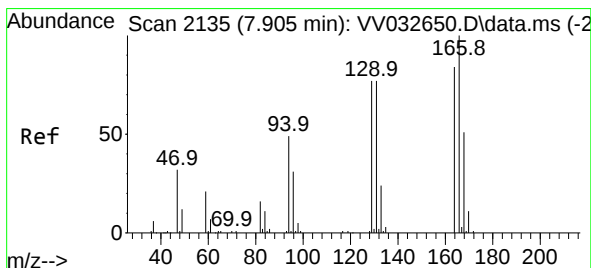
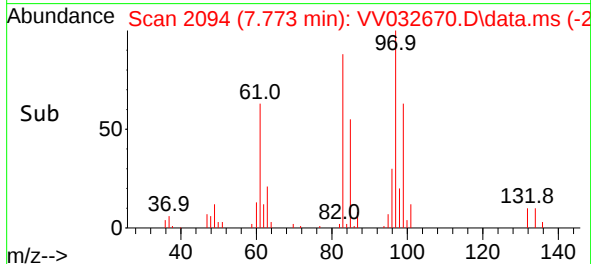
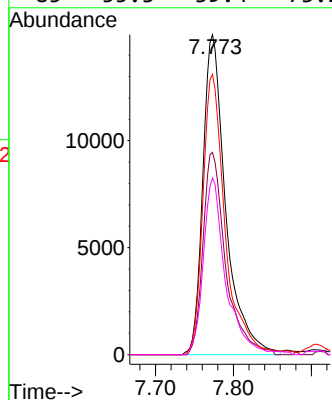
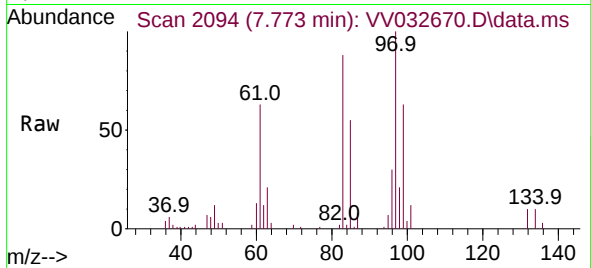




#45
1,1,2-Trichloroethane
Concen: 4.597 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

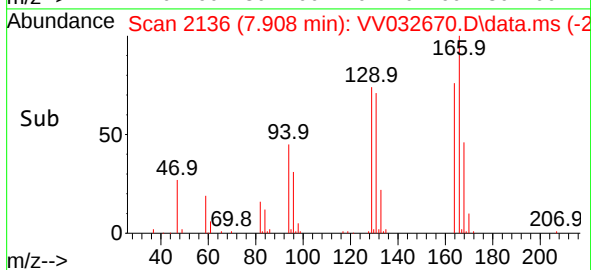
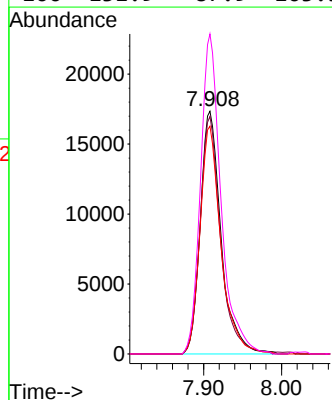
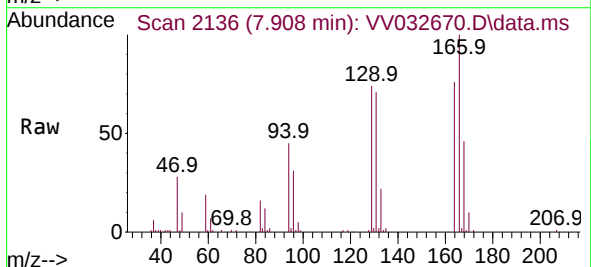
Instrument :
MSVOA_V
ClientSampleId :

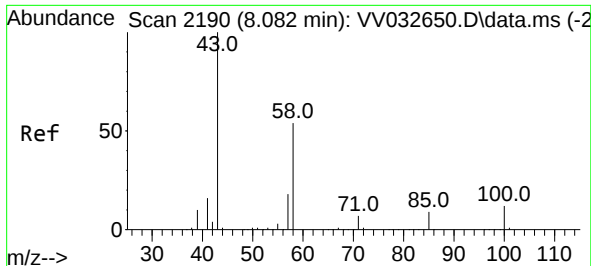
Tgt Ion:	97	Resp:	30590
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.8	79.4
83	87.5	60.9	113.1
85	55.3	39.4	73.2



#47
Tetrachloroethene
Concen: 4.415 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

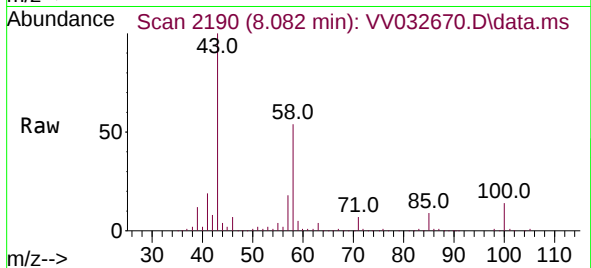
Tgt Ion:	164	Resp:	32239
Ion	Ratio	Lower	Upper
164	100		
129	97.8	66.4	123.4
131	93.9	63.7	118.3
166	131.9	87.9	163.3





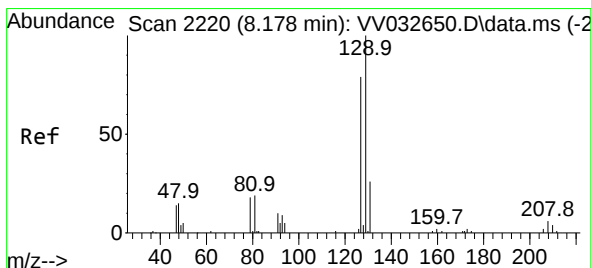
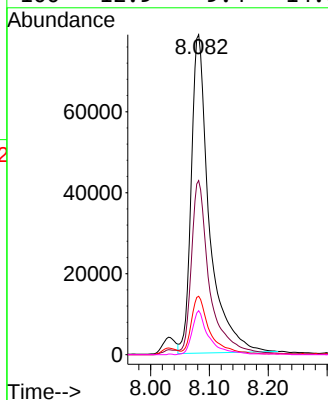
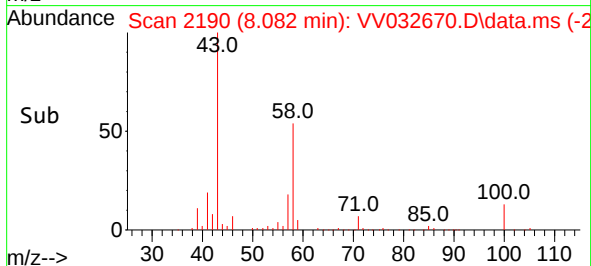
#48
2-Hexanone
Concen: 39.822 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 167735

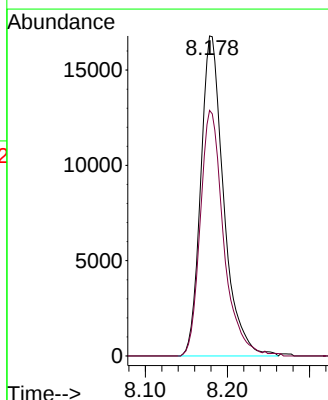
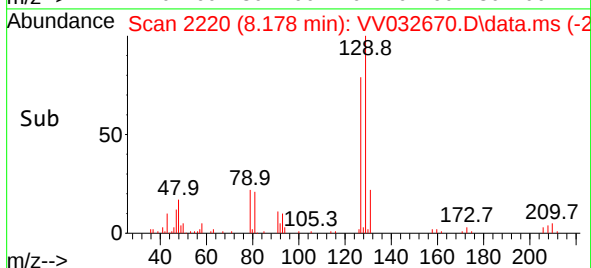
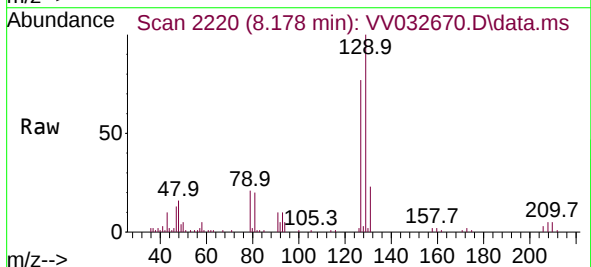
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.6	65.4
57	18.4	14.6	22.0
100	12.9	9.4	14.0

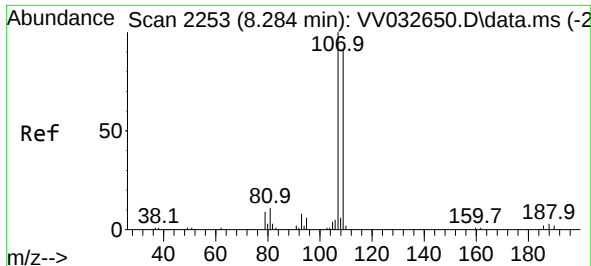


#49
Dibromochloromethane
Concen: 4.715 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion: 129 Resp: 32664

Ion	Ratio	Lower	Upper
129	100		
127	76.8	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.469 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032670.D

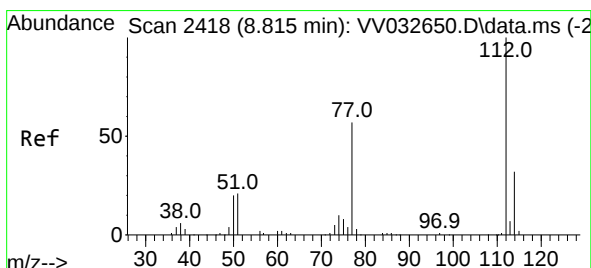
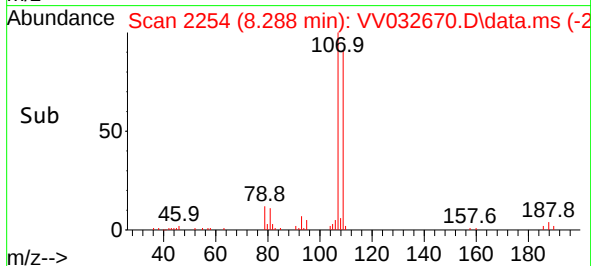
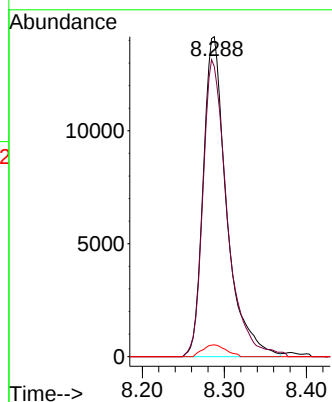
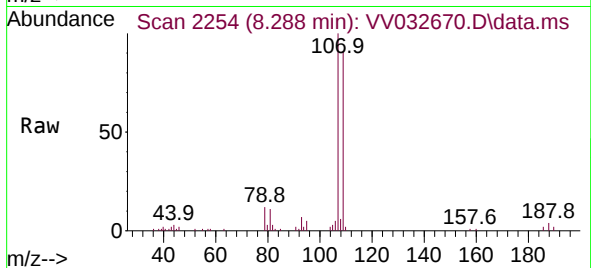
Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	28128
Ion Ratio	Lower	Upper
107	100	
109	90.7	68.4 127.0
188	3.7	3.2 4.8



#51

Chlorobenzene

Concen: 4.455 ug/L

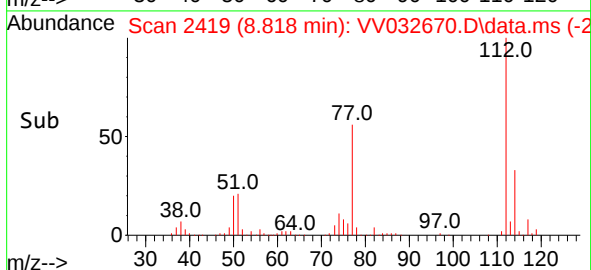
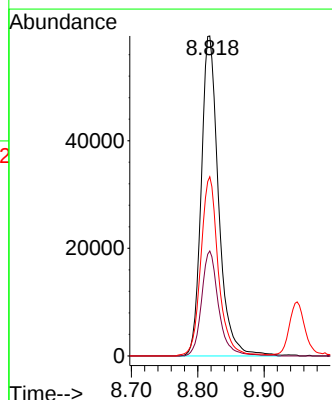
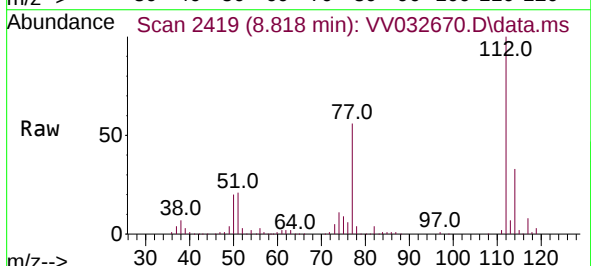
RT: 8.818 min Scan# 2419

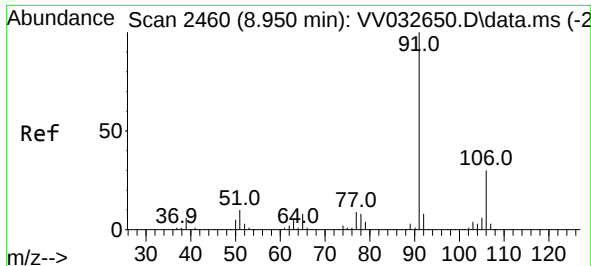
Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Tgt Ion:112	Resp:	107850
Ion Ratio	Lower	Upper
112	100	
114	32.8	22.1 41.1
77	56.0	46.1 69.1

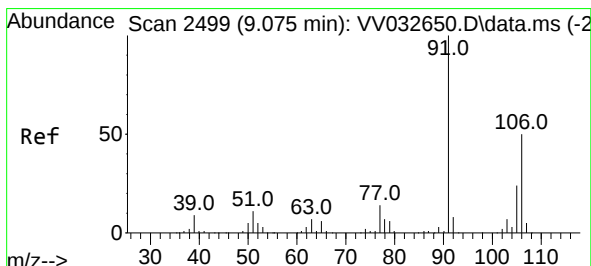
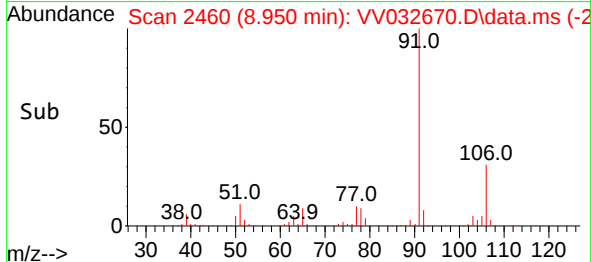
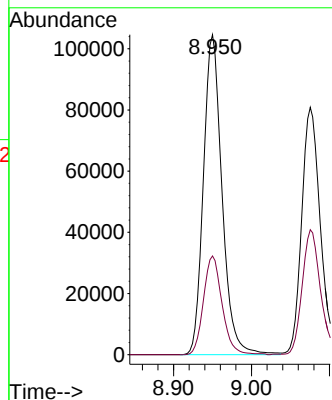
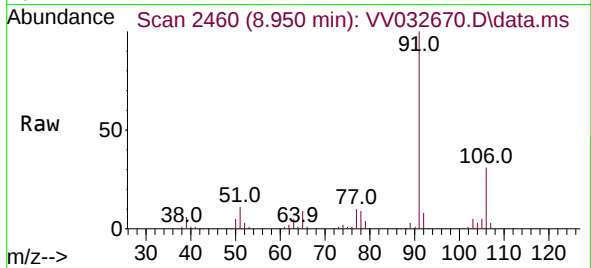




#52
Ethylbenzene
Concen: 4.148 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

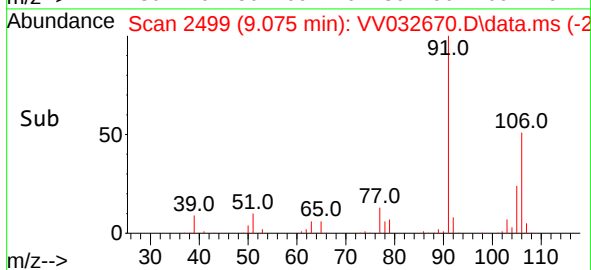
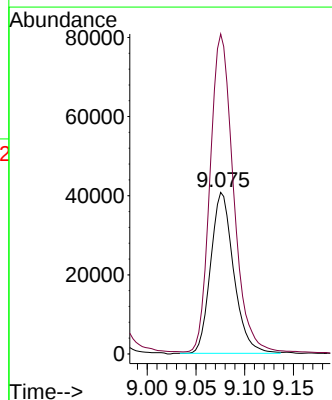
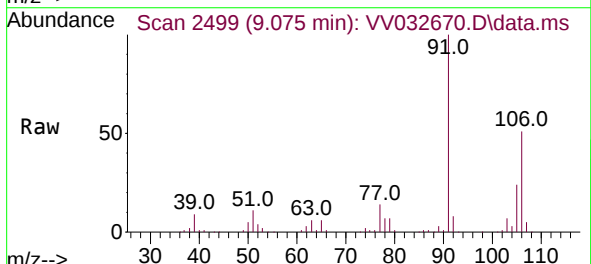
Instrument :
MSVOA_V
ClientSampleId :

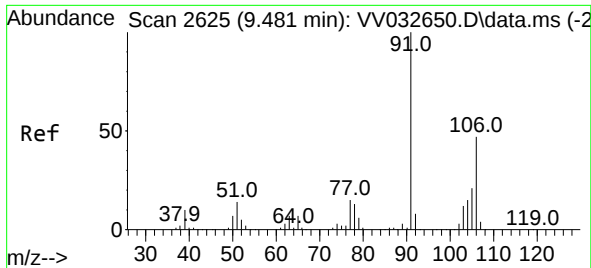
Tgt Ion: 91 Resp: 173702
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5



#53
m,p-Xylene
Concen: 4.307 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion: 106 Resp: 66893
Ion Ratio Lower Upper
106 100
91 197.9 144.5 268.3

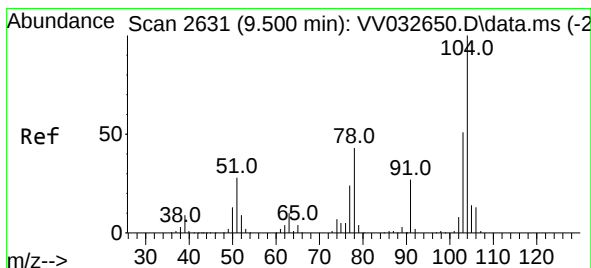
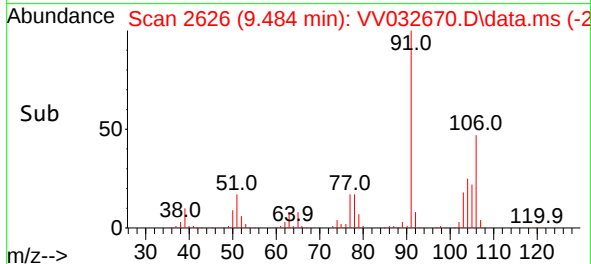
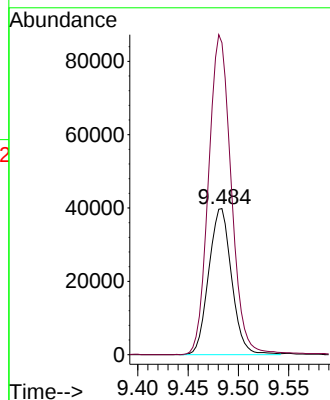
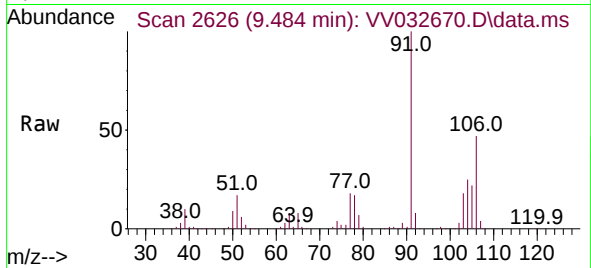




#54
o-Xylene
Concen: 4.222 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

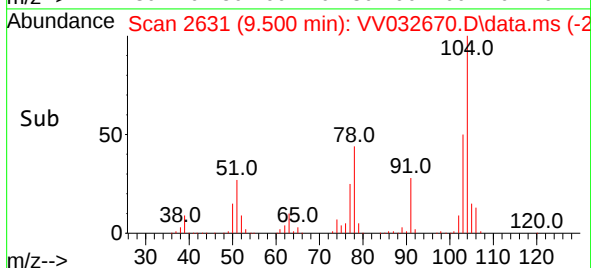
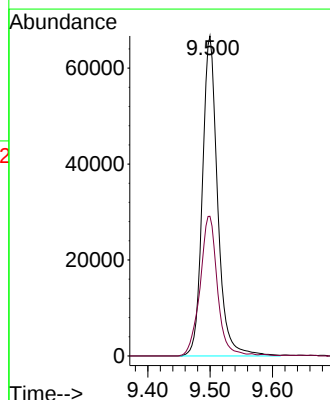
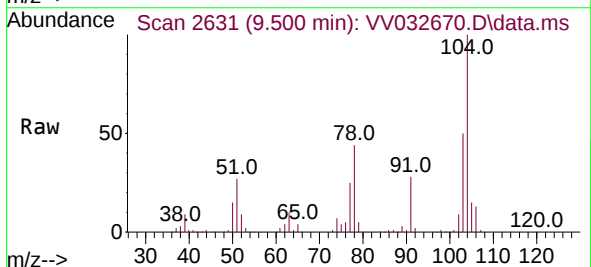
Instrument :
MSVOA_V
ClientSampleId :

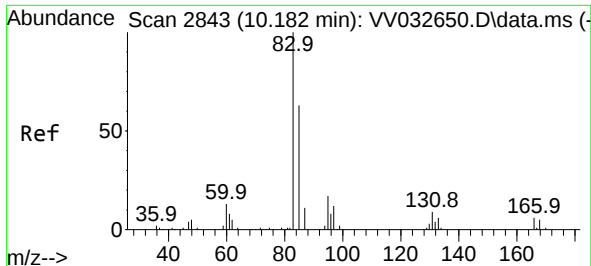
Tgt Ion:106 Resp: 63182
Ion Ratio Lower Upper
106 100
91 213.3 154.8 287.4



#55
Styrene
Concen: 4.494 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion:104 Resp: 113574
Ion Ratio Lower Upper
104 100
78 43.7 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.821 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :

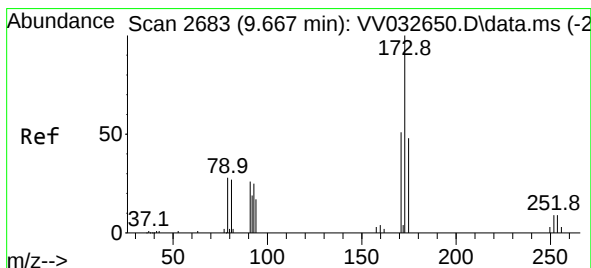
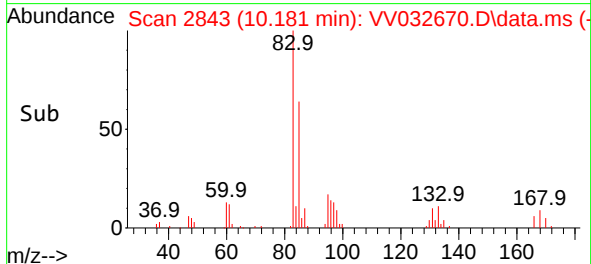
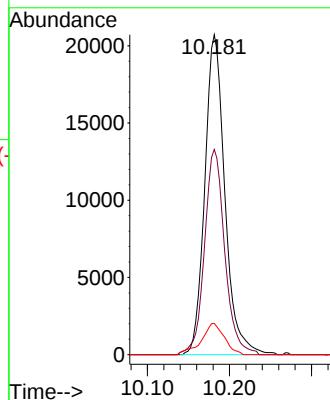
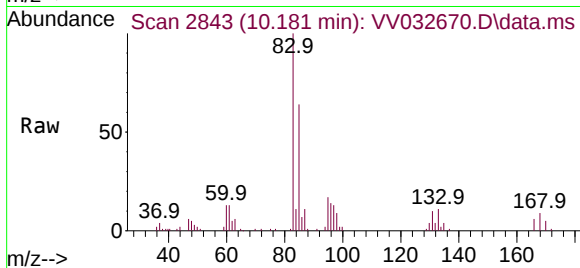
Tgt Ion: 83 Resp: 35301

Ion Ratio Lower Upper

83 100

85 64.2 43.6 81.0

131 9.7 7.0 10.6



#59

Bromoform

Concen: 4.590 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.003 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

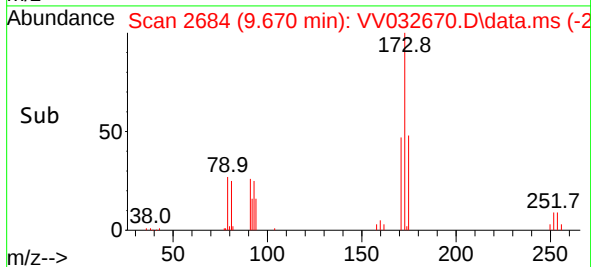
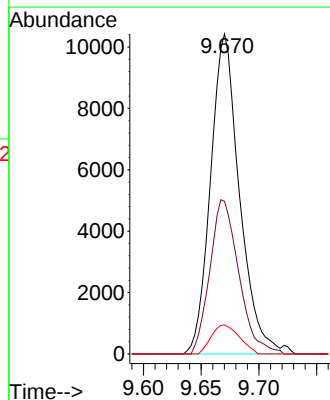
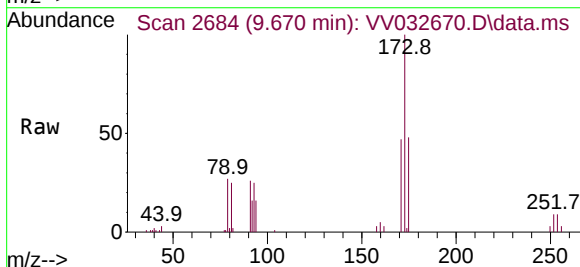
Tgt Ion: 173 Resp: 18122

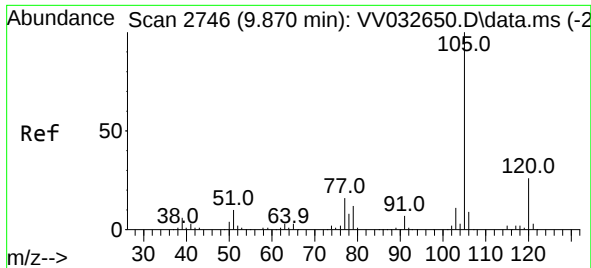
Ion Ratio Lower Upper

173 100

175 48.2 38.2 57.2

254 8.8 7.0 10.4

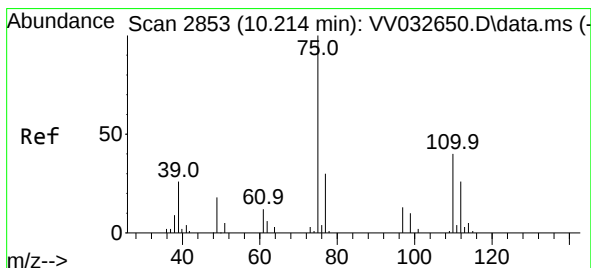
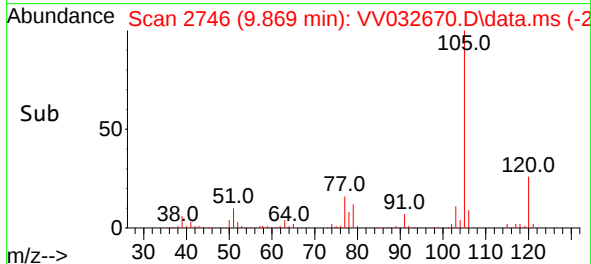
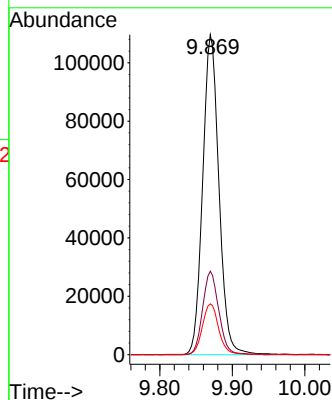
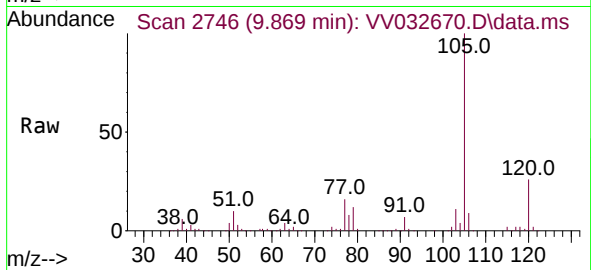




#60
Isopropylbenzene
Concen: 4.048 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

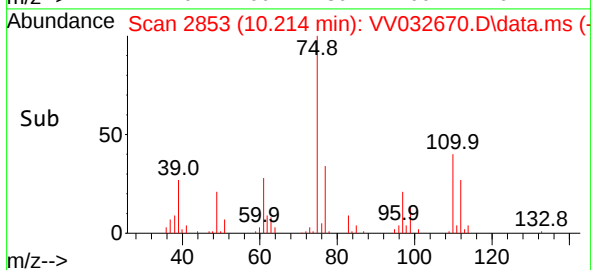
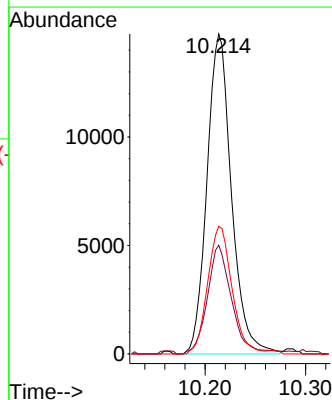
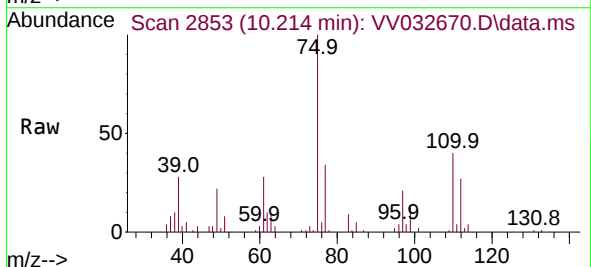
Instrument :
MSVOA_V
ClientSampleId :

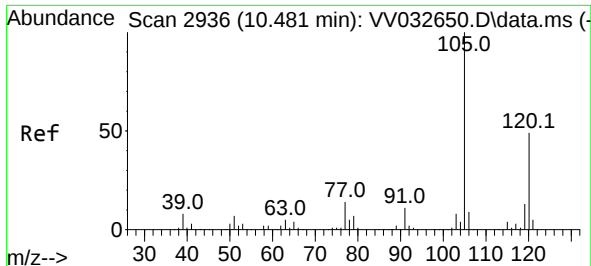
Tgt Ion:105 Resp: 170802
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.318 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion: 75 Resp: 24950
Ion Ratio Lower Upper
75 100
77 33.8 26.2 39.2
110 39.5 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 3.860 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

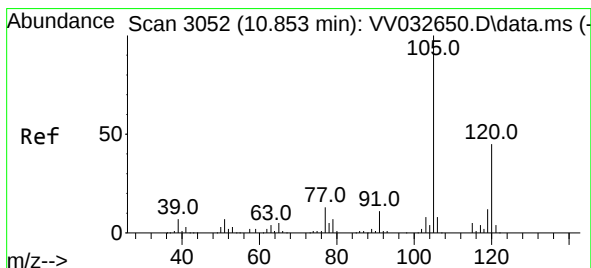
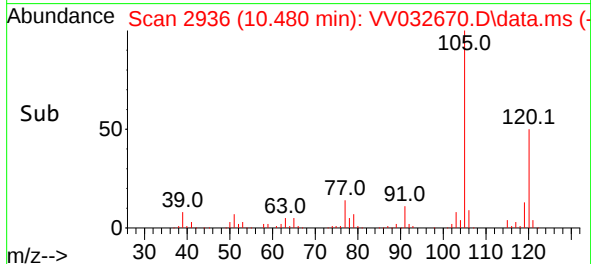
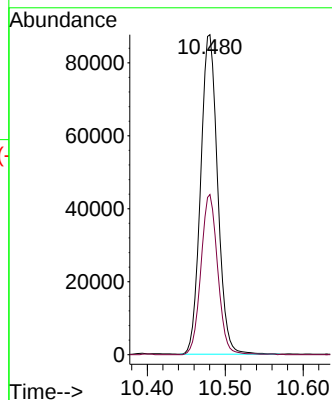
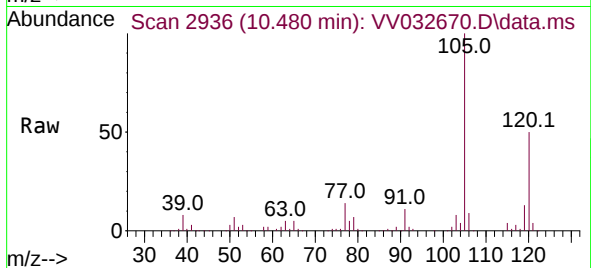
ClientSampleId :

Tgt Ion:105 Resp: 132758

Ion Ratio Lower Upper

105 100

120 49.5 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 3.930 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032670.D

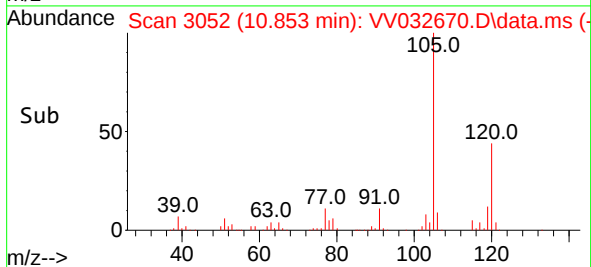
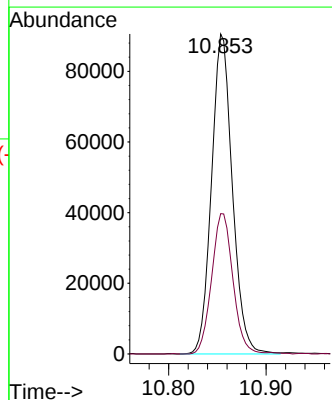
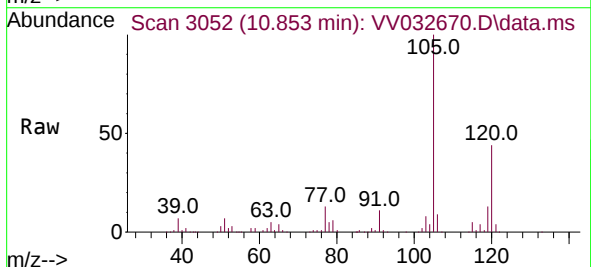
Acq: 26 Oct 2023 19:38

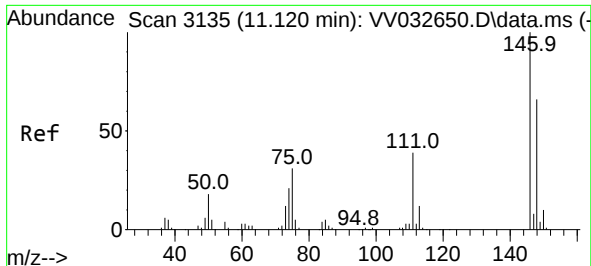
Tgt Ion:105 Resp: 134541

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.4

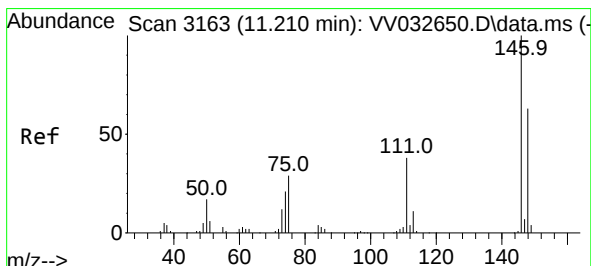
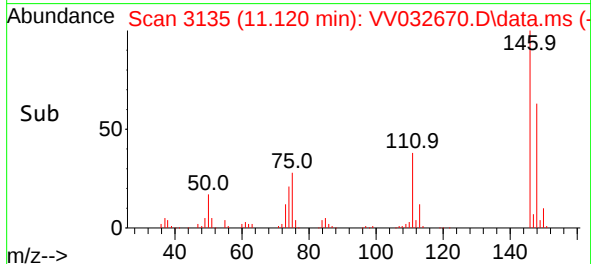
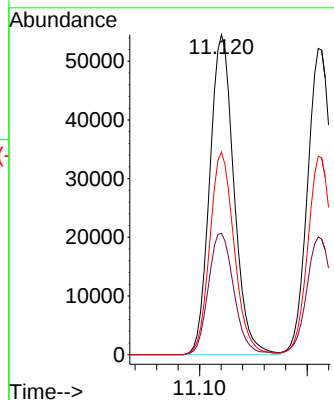
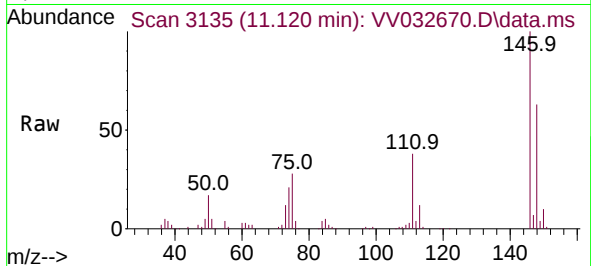




#64
1,3-Dichlorobenzene
Concen: 4.237 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

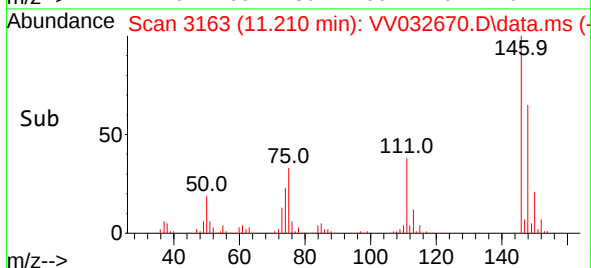
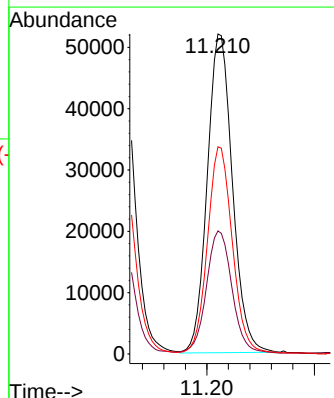
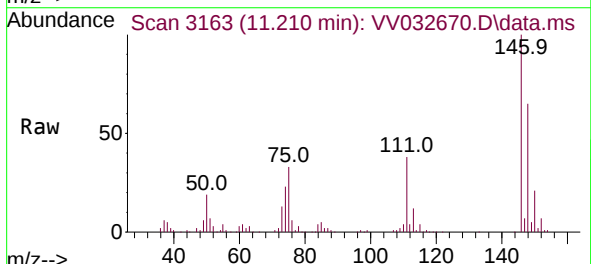
Instrument :
MSVOA_V
ClientSampleId :

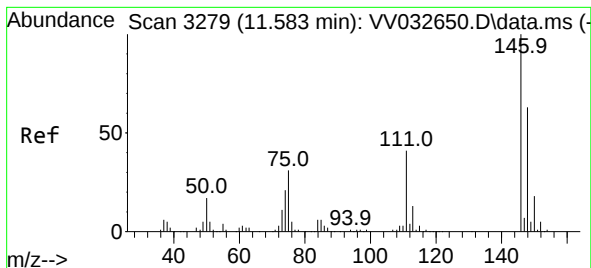
Tgt Ion:146 Resp: 85401
Ion Ratio Lower Upper
146 100
111 37.9 27.8 51.6
148 63.3 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.185 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion:146 Resp: 84621
Ion Ratio Lower Upper
146 100
111 38.4 26.9 49.9
148 64.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.292 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :

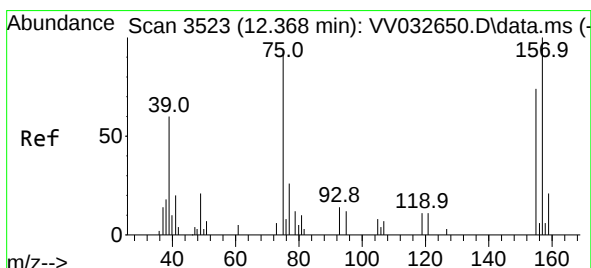
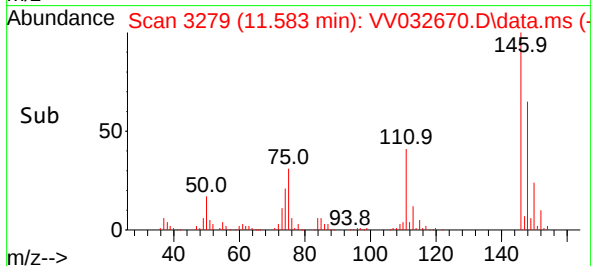
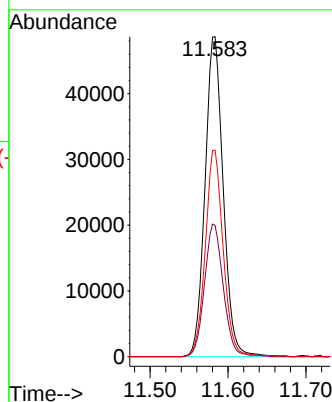
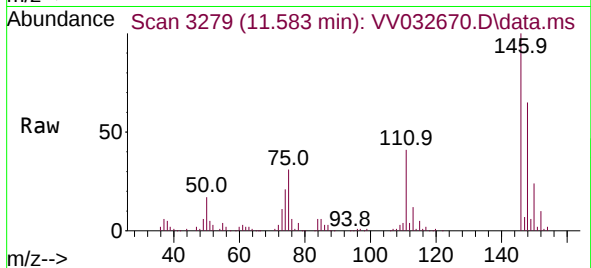
Tgt Ion:146 Resp: 78907

Ion Ratio Lower Upper

146 100

111 41.0 32.8 49.2

148 64.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.034 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

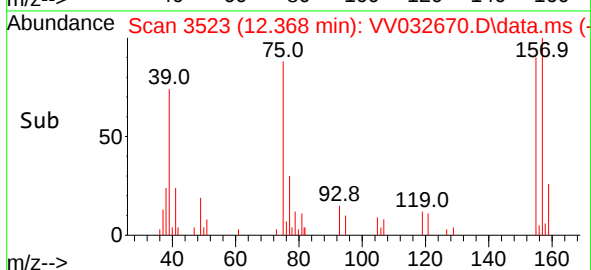
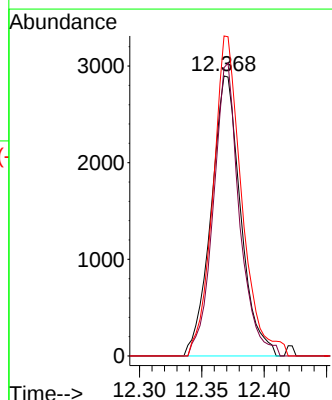
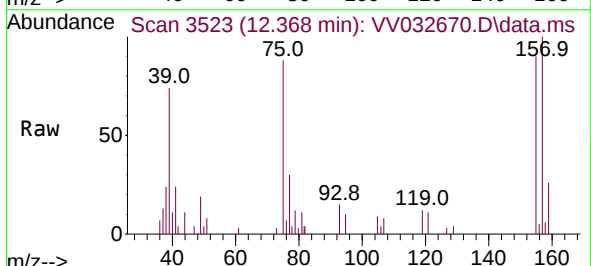
Tgt Ion: 75 Resp: 4763

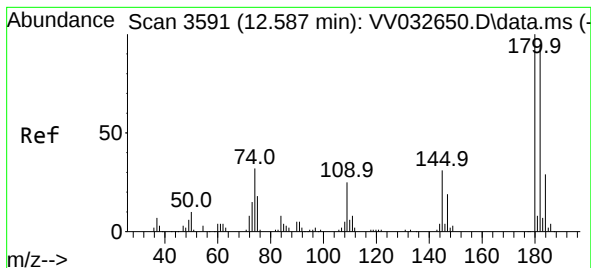
Ion Ratio Lower Upper

75 100

155 102.9 70.2 105.4

157 114.3 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 3.965 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. -0.000 min

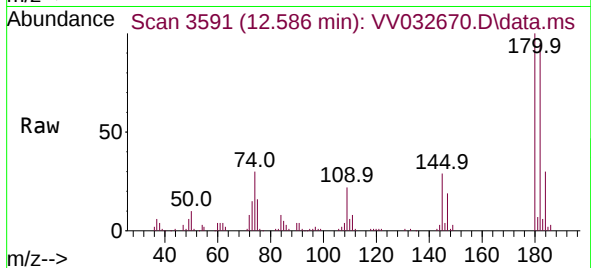
Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 58532

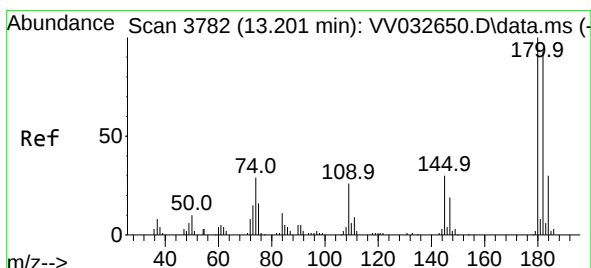
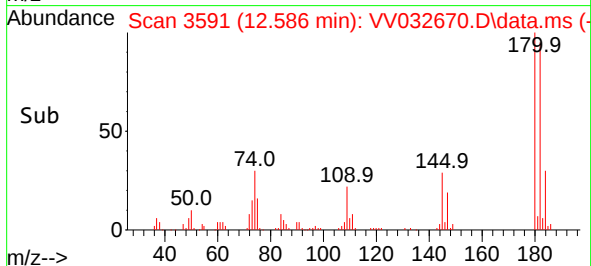
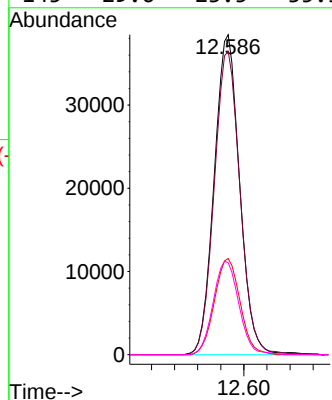
Ion Ratio Lower Upper

180 100

182 96.7 74.6 112.0

184 30.4 24.1 36.1

145 29.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 3.636 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032670.D

Acq: 26 Oct 2023 19:38

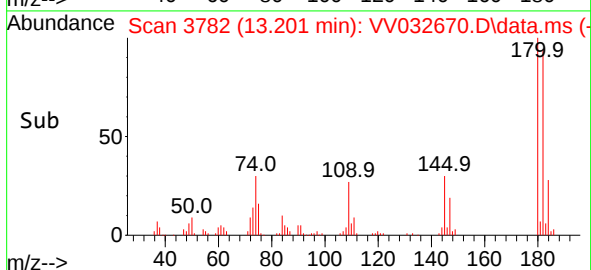
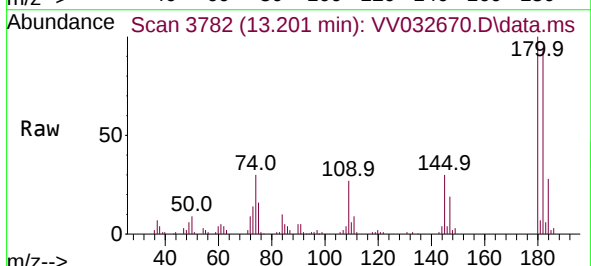
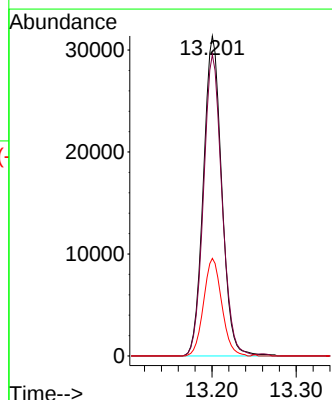
Tgt Ion:180 Resp: 47601

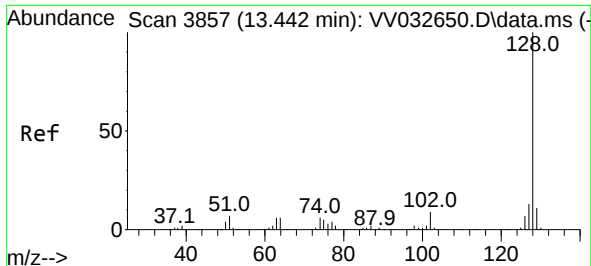
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

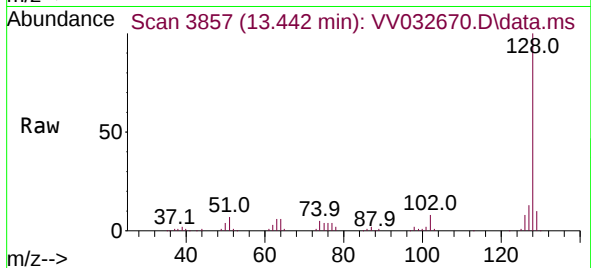
145 30.2 24.3 36.5



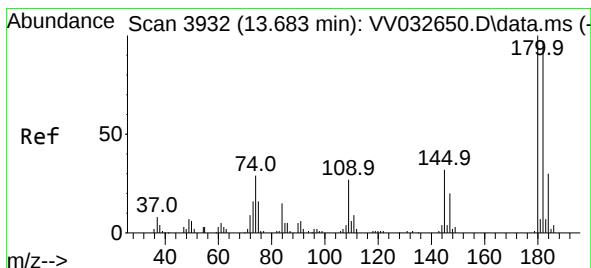
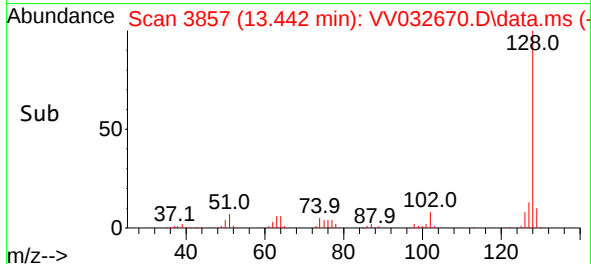
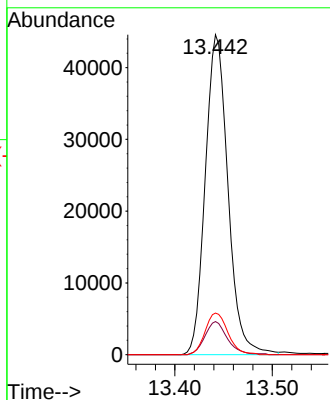


#71
Naphthalene
Concen: 3.241 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 72079
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.891 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032670.D
Acq: 26 Oct 2023 19:38

Tgt Ion:180 Resp: 43901
Ion Ratio Lower Upper
180 100
182 97.2 77.0 115.4
145 32.2 25.7 38.5

