

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032404.D
 Acq On : 11 Oct 2023 19:33
 Operator : SY/MD
 Sample : 04826-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MSD

Quant Time: Oct 12 03:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37243	4.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.532	69	31773	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.060	65	14554	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.802	46	99948	43.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	4.252	84	73815	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.947	65	32891	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.963	84	129779	3.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.992	67	42838	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.246	98	127648	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	16869	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.027	63	87359	45.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35974	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	47128	4.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61588	4.974	ug/L	99
3) Chloromethane	1.217	50	61435	4.922	ug/L	98
5) Vinyl chloride	1.282	62	59567	5.004	ug/L	99
6) Bromomethane	1.487	94	33374	4.641	ug/L	98
8) Chloroethane	1.548	64	37504	5.233	ug/L	99
9) Trichlorofluoromethane	1.712	101	73857	5.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44990	5.201	ug/L	99
12) 1,1-Dichloroethene	2.069	96	40364	4.953	ug/L	92
13) Acetone	2.130	43	78524	44.570	ug/L	96
14) Carbon disulfide	2.243	76	126909	4.455	ug/L	100
15) Methyl Acetate	2.384	43	17214	4.340	ug/L	97
16) Methylene chloride	2.449	84	47435	4.465	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	102393	4.616	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	43600	4.671	ug/L	98
19) 1,1-Dichloroethane	3.114	63	85266	4.856	ug/L	97
21) 2-Butanone	3.883	43	118040	42.844	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	49760	4.951	ug/L	97
23) Bromochloromethane	4.153	128	20515	4.852	ug/L	95
25) Chloroform	4.278	83	164105	9.526	ug/L	100

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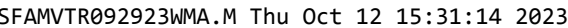
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 ClientSampleId :
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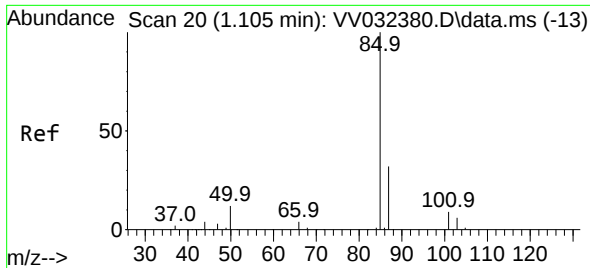
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	50305	4.943	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	70185	4.379	ug/L	98
30) Cyclohexane	4.587	56	67789	3.849	ug/L	100
31) Carbon tetrachloride	4.738	117	60079	4.430	ug/L	100
33) Benzene	5.011	78	209359	5.044	ug/L	100
34) Trichloroethene	5.834	95	2465850	217.630	ug/L	98
35) Methylcyclohexane	6.053	83	78347	4.468	ug/L	93
37) 1,2-Dichloropropane	6.095	63	51599	4.649	ug/L	100
38) Bromodichloromethane	6.436	83	72019	5.461	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	68292	4.323	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	306158	43.585	ug/L	100
42) Toluene	7.317	91	217754	4.922	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	55820	4.300	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	35181	4.493	ug/L	97
47) Tetrachloroethene	7.908	164	42130	4.903	ug/L	97
48) 2-Hexanone	8.079	43	223929	45.183	ug/L	98
49) Dibromochloromethane	8.182	129	40595	4.980	ug/L	97
50) 1,2-Dibromoethane	8.288	107	33413	4.512	ug/L	94
51) Chlorobenzene	8.818	112	126298	4.434	ug/L	98
52) Ethylbenzene	8.950	91	218437	4.434	ug/L	100
53) m,p-Xylene	9.075	106	80828	4.423	ug/L	98
54) o-Xylene	9.481	106	79414	4.510	ug/L	97
55) Styrene	9.500	104	136288	4.583	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	41083	4.768	ug/L	100
59) Bromoform	9.670	173	20746	4.521	ug/L	98
60) Isopropylbenzene	9.870	105	213964	4.362	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29204	4.348	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	168433	4.213	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	170150	4.275	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	104236	4.449	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	105645	4.494	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	95747	4.481	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5796	4.223	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	73891	4.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	62504	4.107	ug/L	98
71) Naphthalene	13.442	128	106200	4.107	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	57687	4.399	ug/L	99

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

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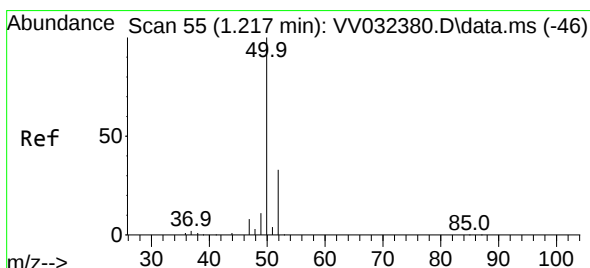
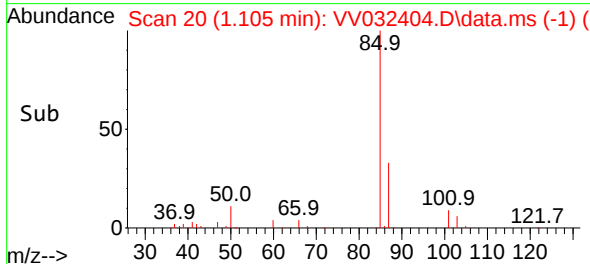
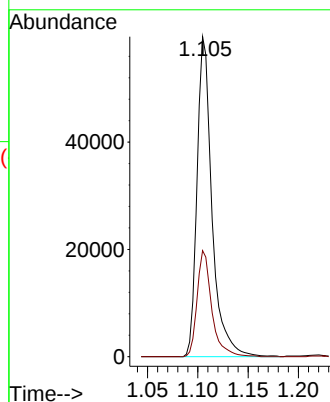
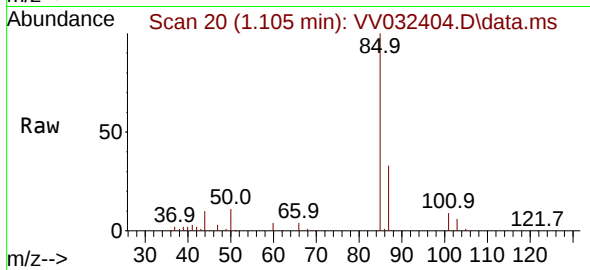




#2
 Dichlorodifluoromethane
 Concen: 4.974 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

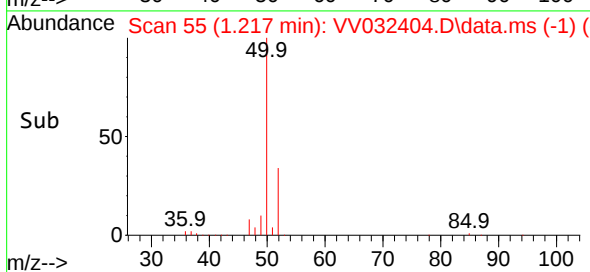
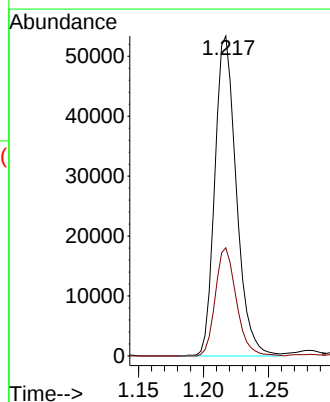
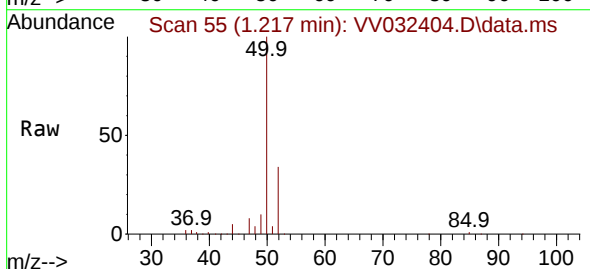
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 ClientSampleId :
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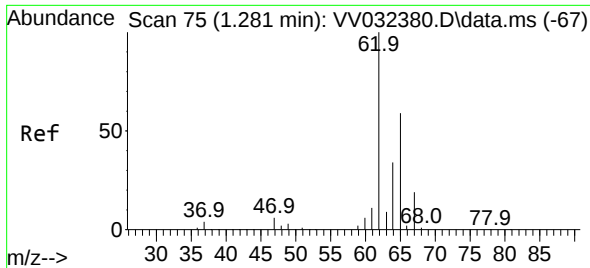
Tgt Ion: 85 Resp: 61588
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.5 38.3



#3
 Chloromethane
 Concen: 4.922 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

Tgt Ion: 50 Resp: 61435
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.6

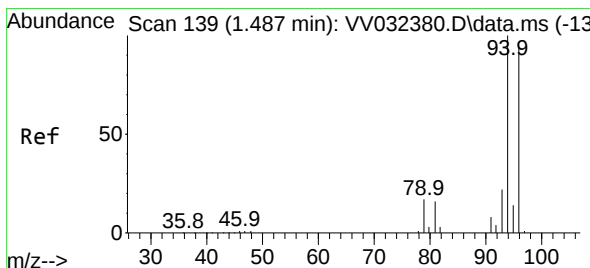
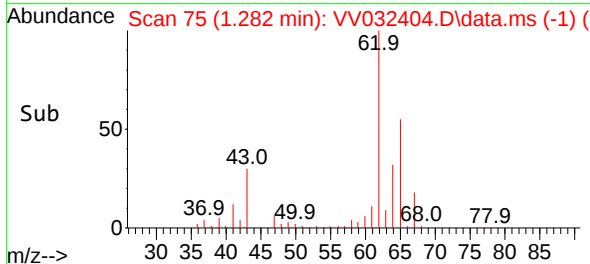
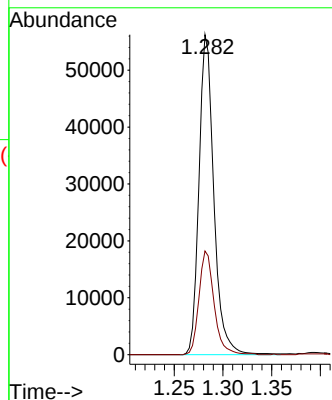
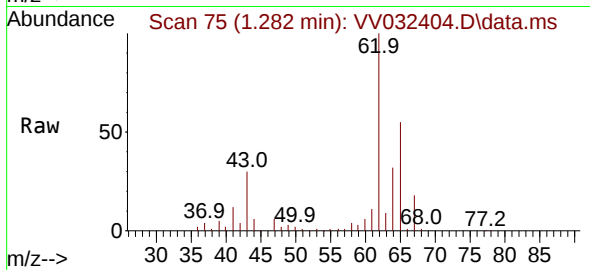




#5
 Vinyl chloride
 Concen: 5.004 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

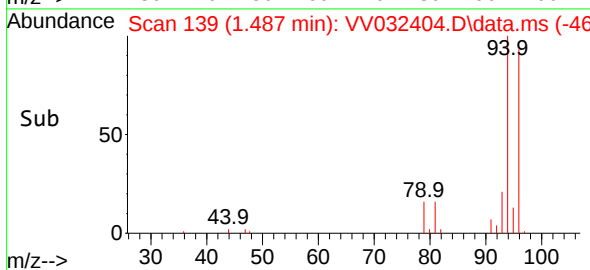
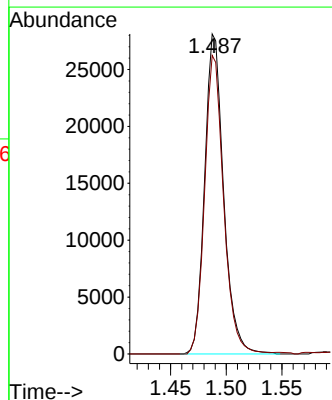
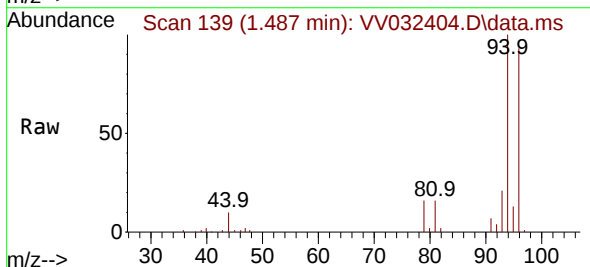
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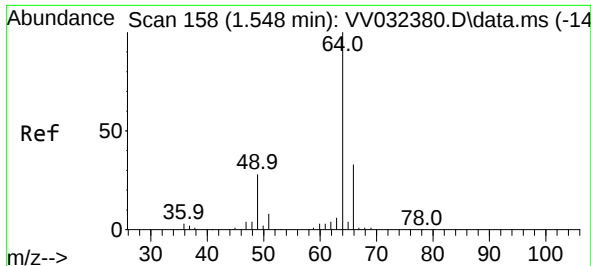
Tgt Ion: 62 Resp: 59567
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.1 42.9



#6
 Bromomethane
 Concen: 4.641 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

Tgt Ion: 94 Resp: 33374
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.8 124.2

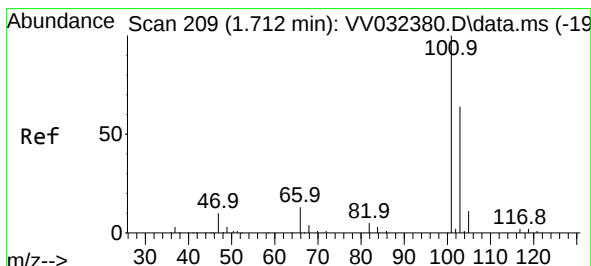
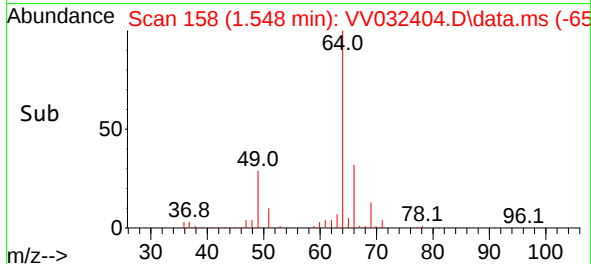
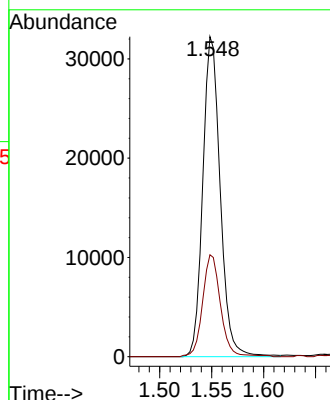
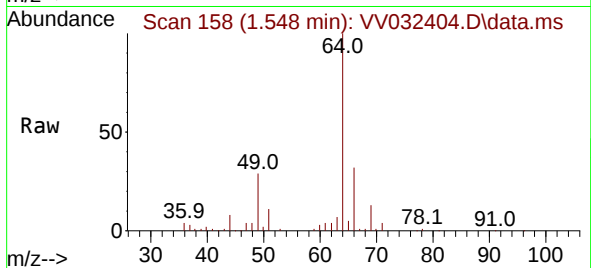




#8
Chloroethane
Concen: 5.233 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

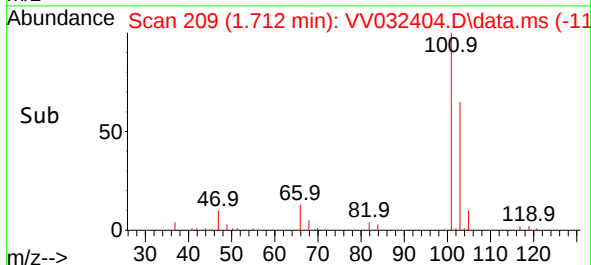
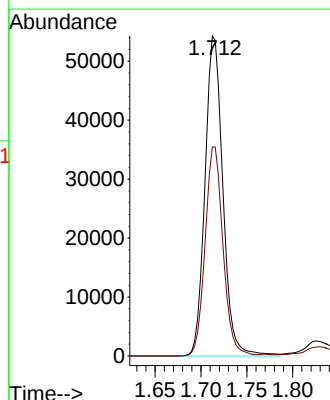
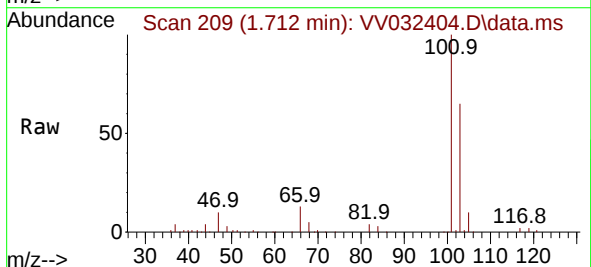
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ClientSampleId :
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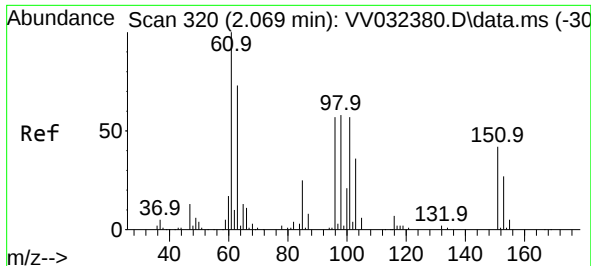
Tgt Ion: 64 Resp: 37504
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.173 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion:101 Resp: 73857
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

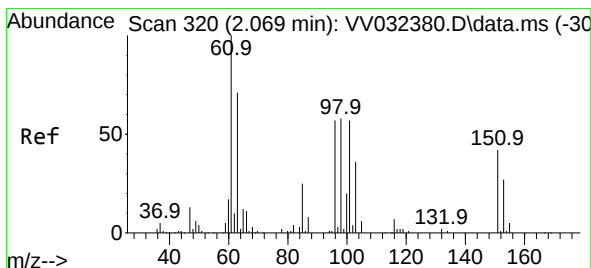
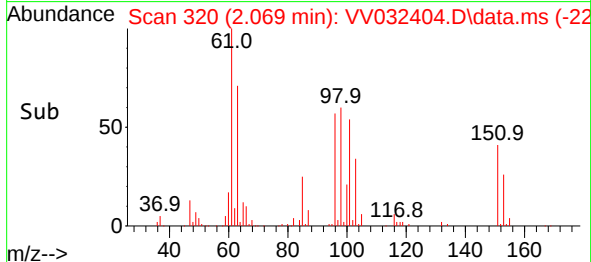
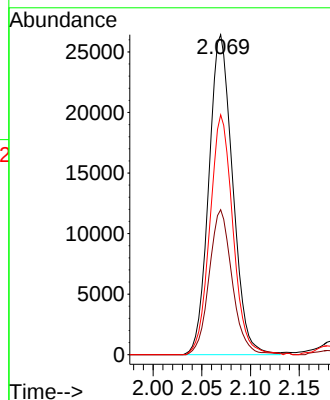
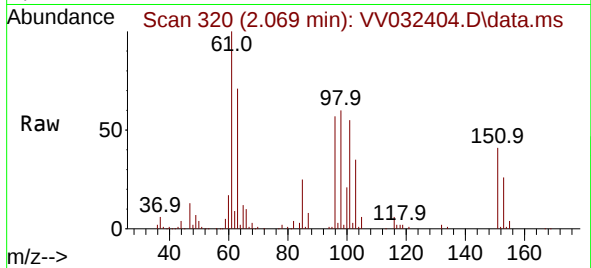




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.201 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

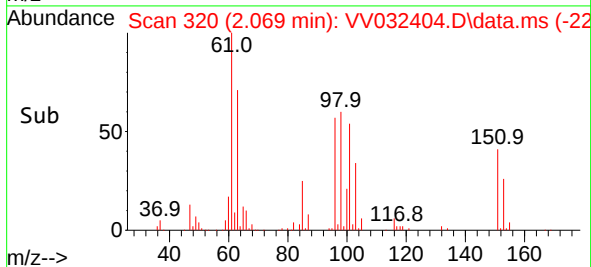
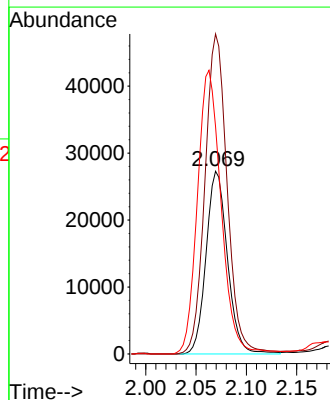
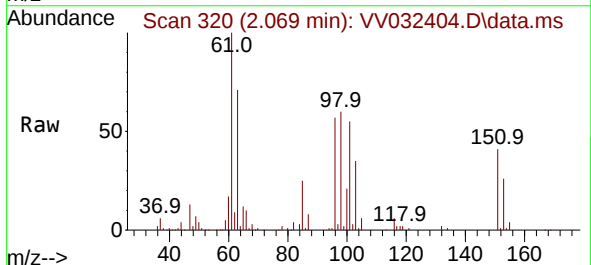
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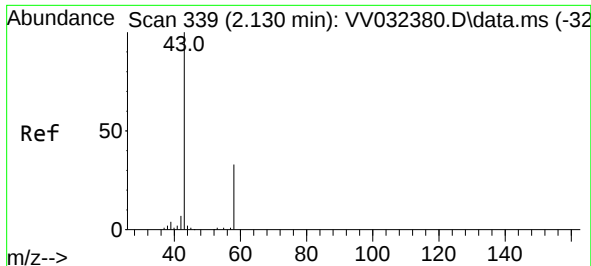
Tgt Ion:101 Resp: 44990
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.0 52.6
 151 72.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.953 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

Tgt Ion: 96 Resp: 40364
 Ion Ratio Lower Upper
 96 100
 61 175.2 127.3 236.3
 63 124.4 98.3 182.7





#13

Acetone

Concen: 44.570 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

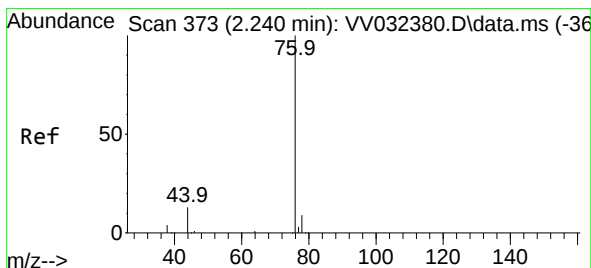
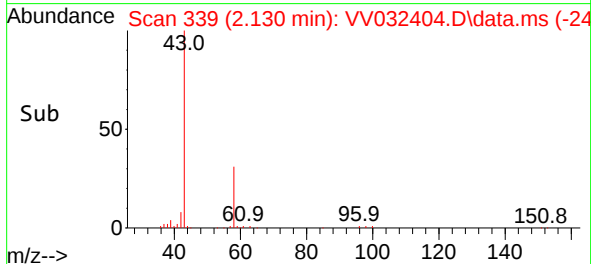
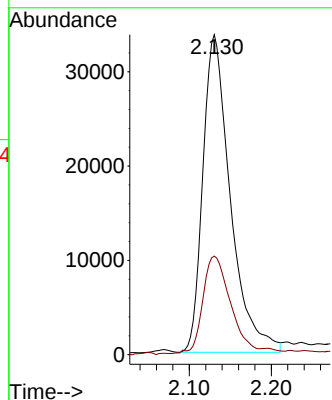
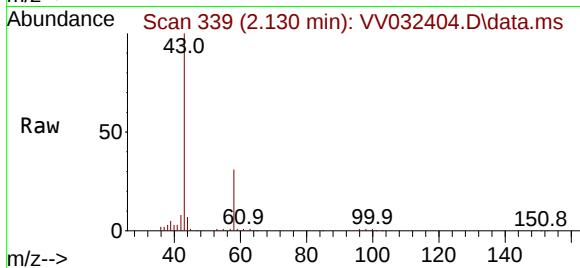
DCJV0MSD

Tgt Ion: 43 Resp: 78524

Ion Ratio Lower Upper

43 100

58 30.5 0.0 66.0



#14

Carbon disulfide

Concen: 4.455 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032404.D

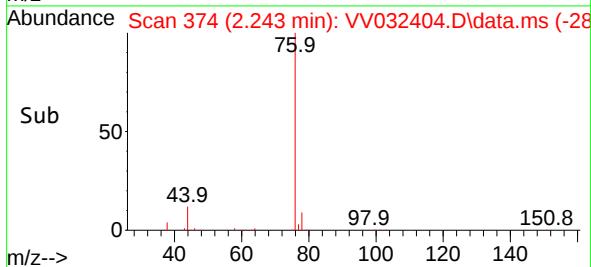
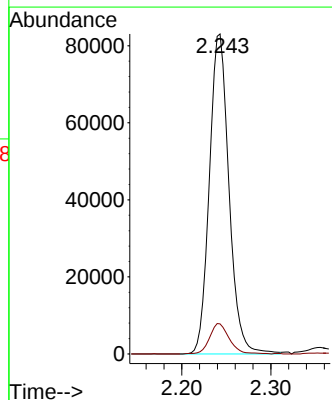
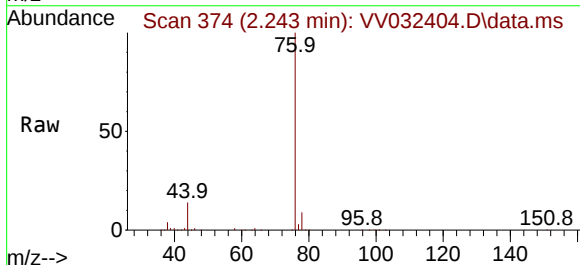
Acq: 11 Oct 2023 19:33

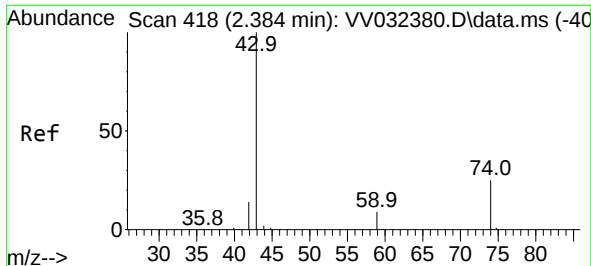
Tgt Ion: 76 Resp: 126909

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

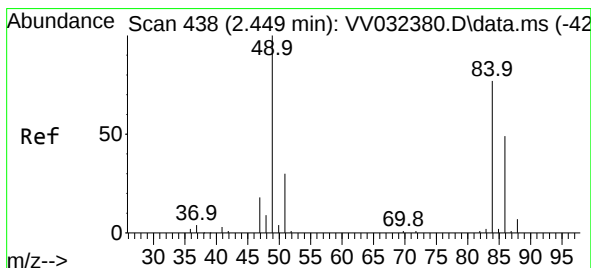
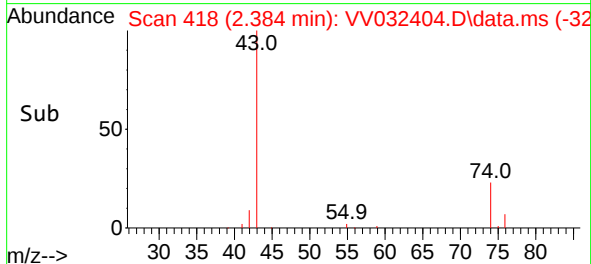
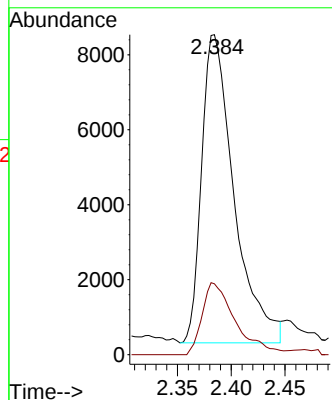
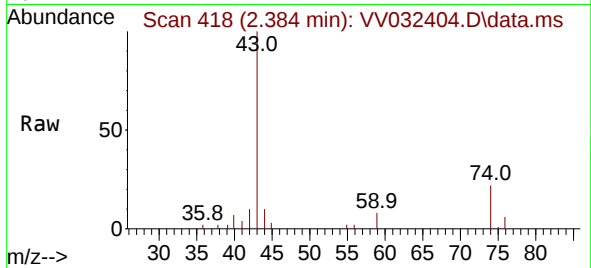




#15
Methyl Acetate
Concen: 4.340 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

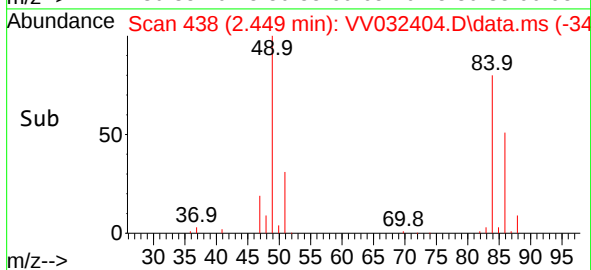
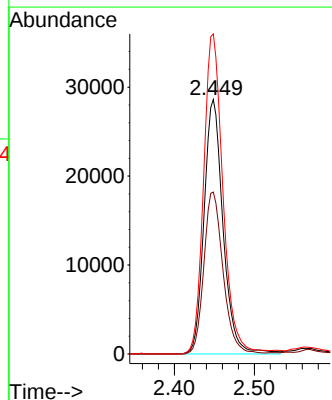
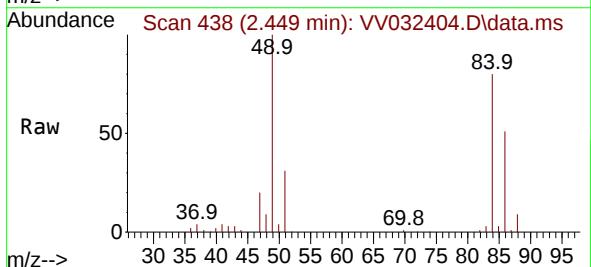
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

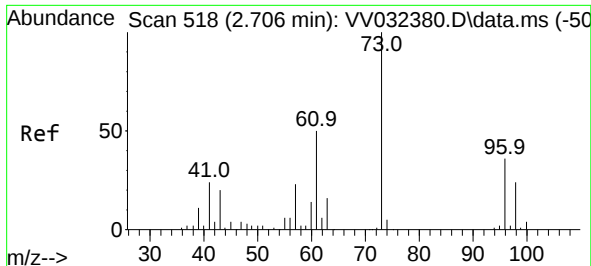
Tgt Ion: 43 Resp: 17214
Ion Ratio Lower Upper
43 100
74 23.9 18.0 27.0



#16
Methylene chloride
Concen: 4.465 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 84 Resp: 47435
Ion Ratio Lower Upper
84 100
86 63.6 43.2 80.2
49 125.7 86.3 160.3

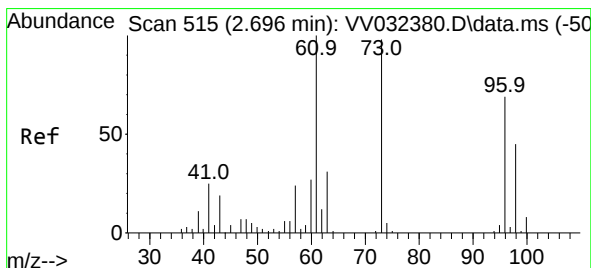
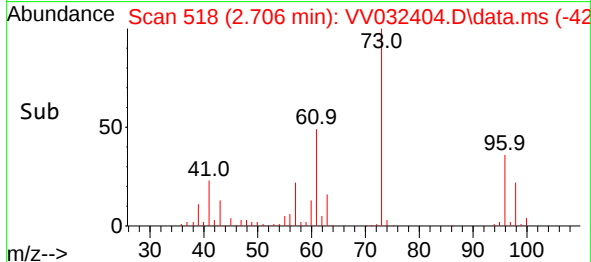
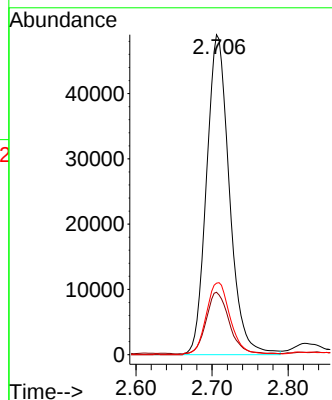
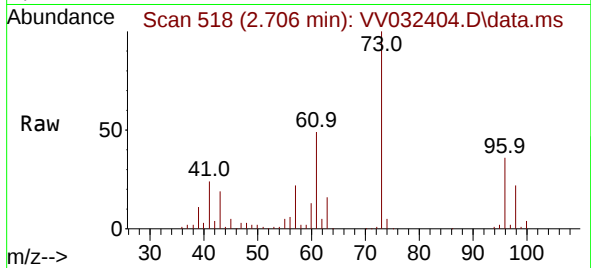




#17
Methyl tert-butyl Ether
Concen: 4.616 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

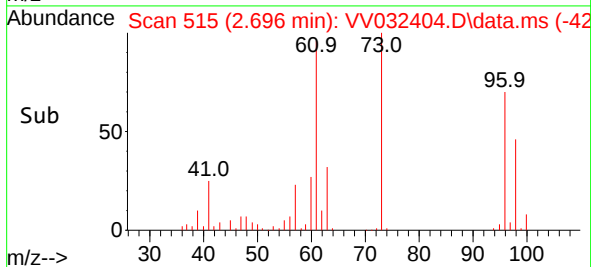
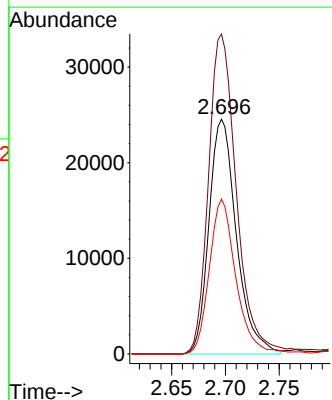
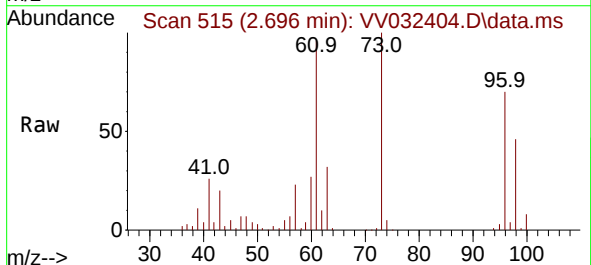
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

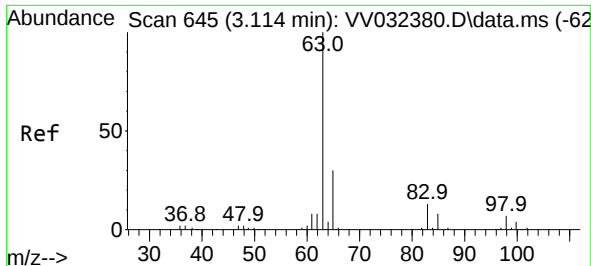
Tgt Ion: 73 Resp: 102393
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7
57 23.8 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.671 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 96 Resp: 43600
Ion Ratio Lower Upper
96 100
61 136.2 96.9 180.1
98 65.9 45.3 84.1

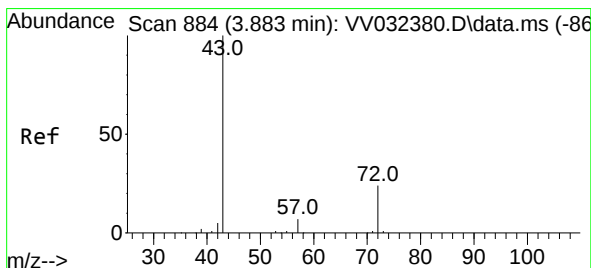
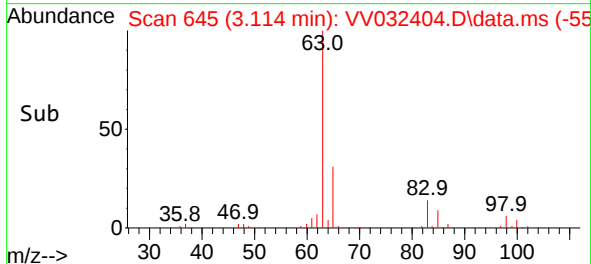
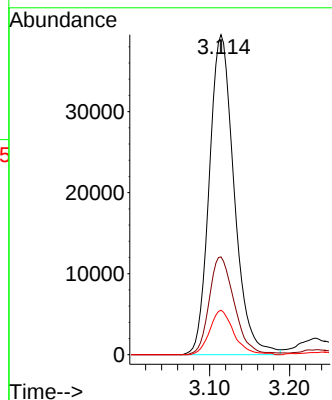
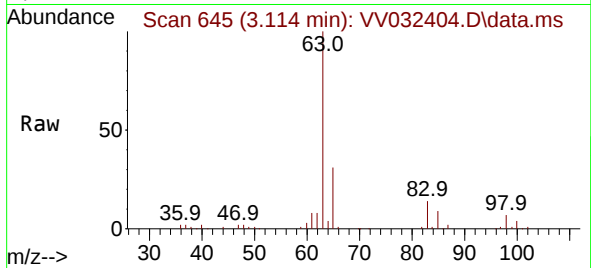




#19
1,1-Dichloroethane
Concen: 4.856 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

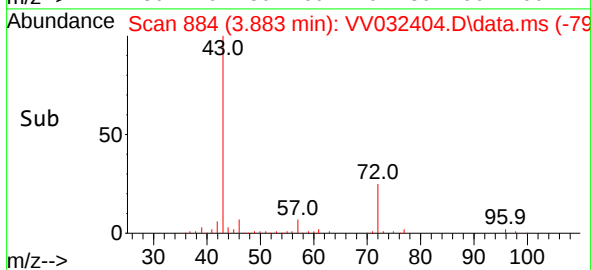
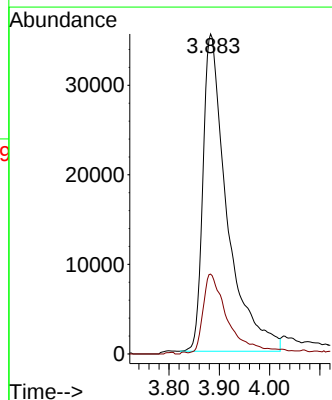
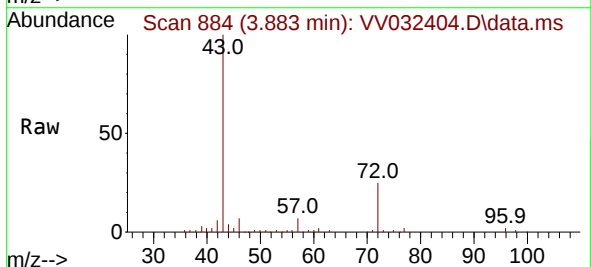
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

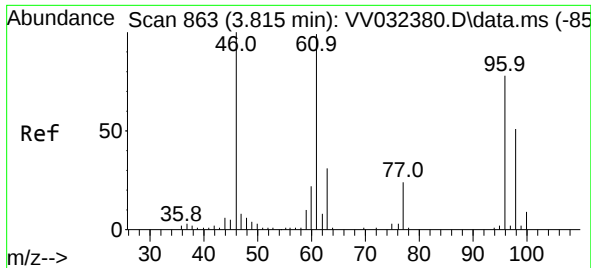
Tgt Ion: 63 Resp: 85266
Ion Ratio Lower Upper
63 100
65 30.6 22.3 41.5
83 13.9 9.0 16.6



#21
2-Butanone
Concen: 42.844 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 43 Resp: 118040
Ion Ratio Lower Upper
43 100
72 25.2 11.6 34.8

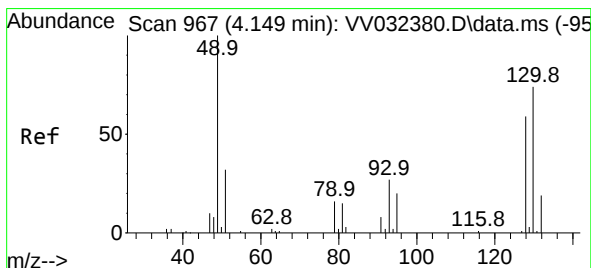
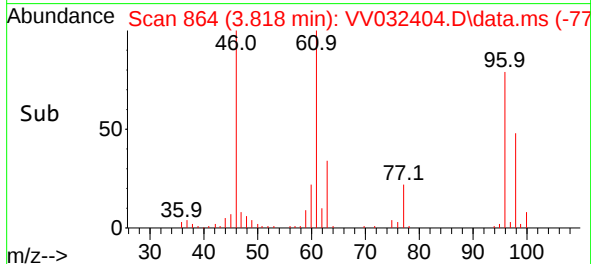
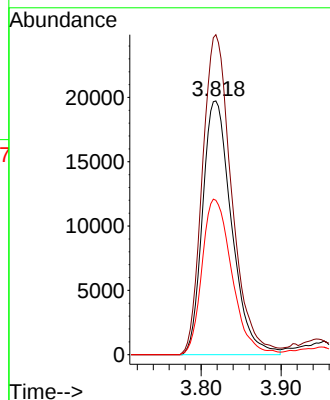
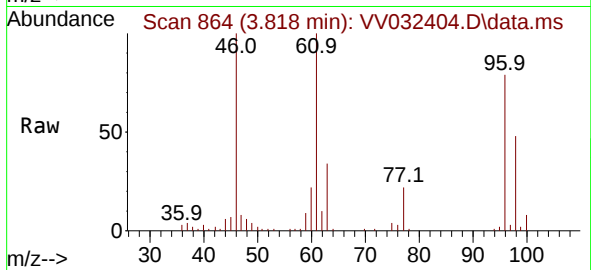




#22
 cis-1,2-Dichloroethene
 Concen: 4.951 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

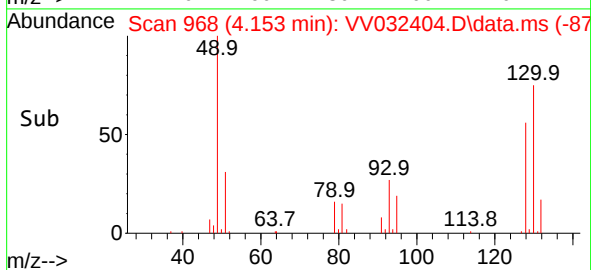
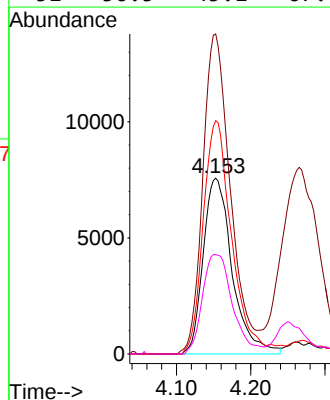
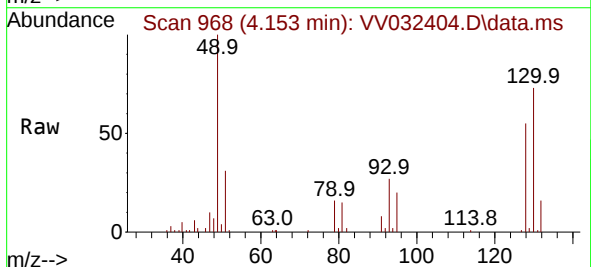
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MSD

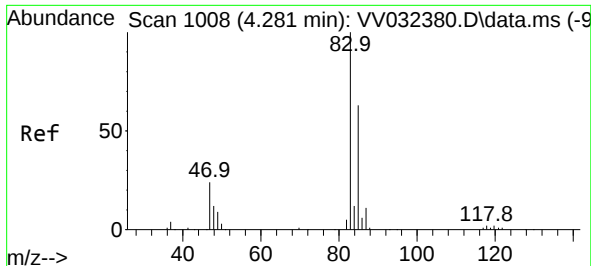
Tgt Ion: 96 Resp: 49760
 Ion Ratio Lower Upper
 96 100
 61 126.1 85.8 159.4
 98 60.8 44.0 81.6



#23
 Bromochloromethane
 Concen: 4.852 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

Tgt Ion: 128 Resp: 20515
 Ion Ratio Lower Upper
 128 100
 49 181.9 121.2 225.0
 130 132.6 88.2 163.8
 51 56.5 45.1 67.7





#25

Chloroform

Concen: 9.526 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

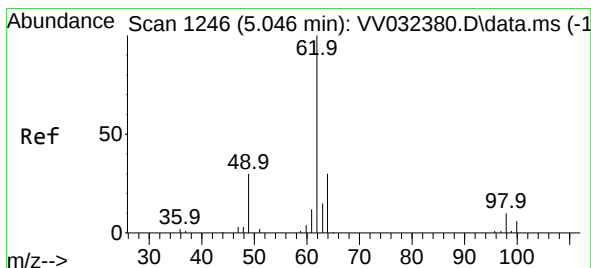
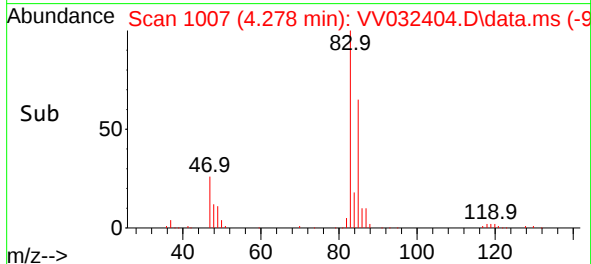
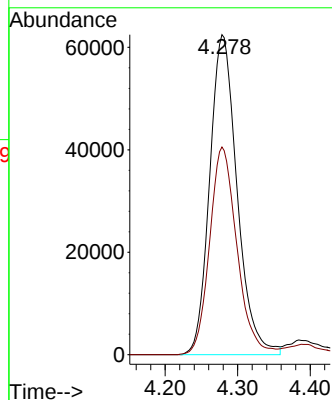
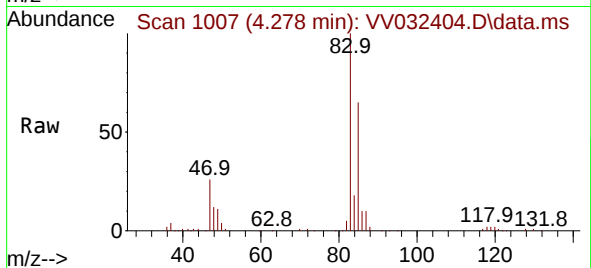
DCJV0MSD

Tgt Ion: 83 Resp: 164105

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.943 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV032404.D

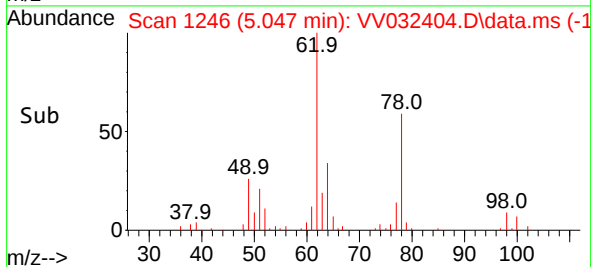
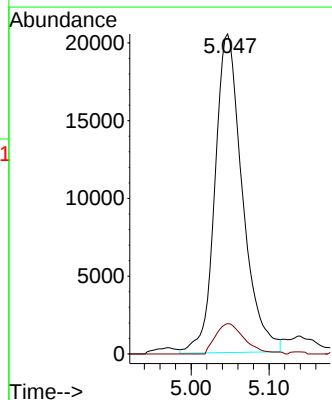
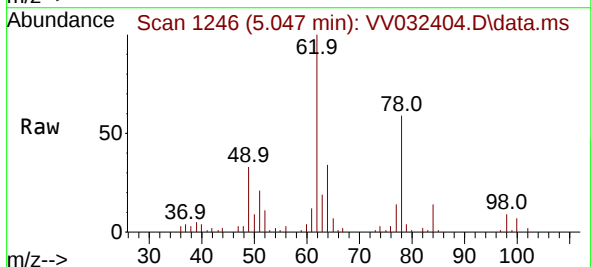
Acq: 11 Oct 2023 19:33

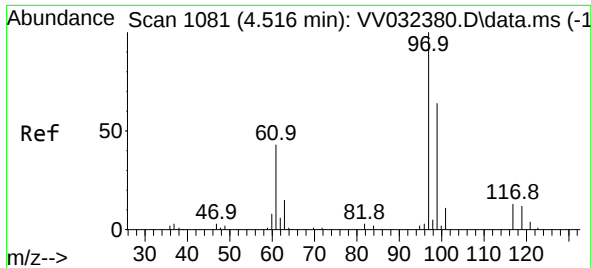
Tgt Ion: 62 Resp: 50305

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.379 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MSD

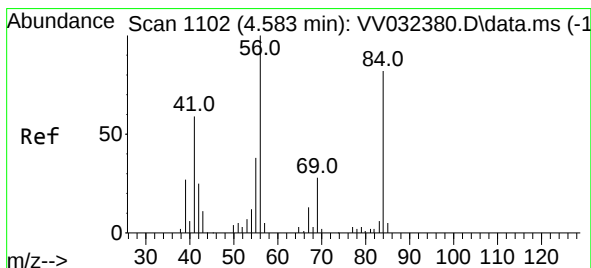
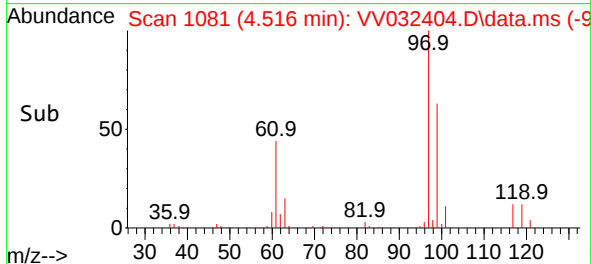
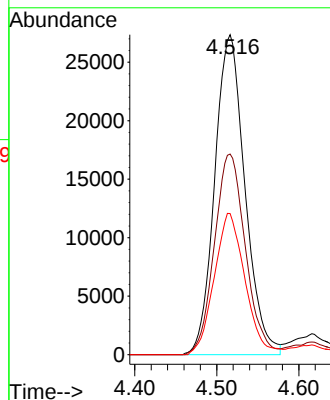
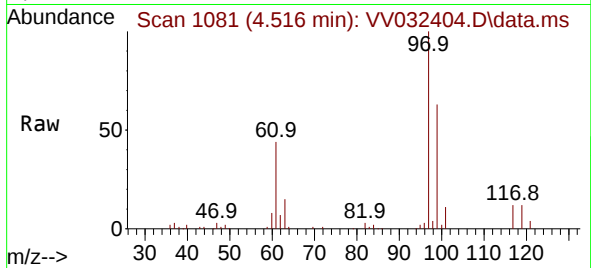
Tgt Ion: 97 Resp: 70185

Ion Ratio Lower Upper

97 100

99 64.2 50.1 75.1

61 45.0 35.1 52.7



#30

Cyclohexane

Concen: 3.849 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

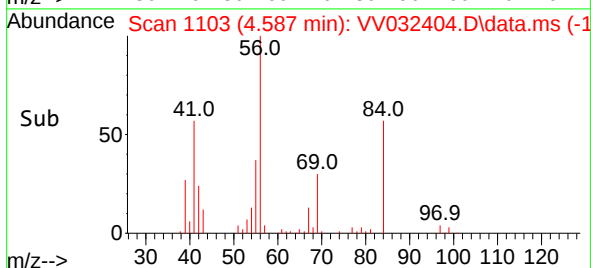
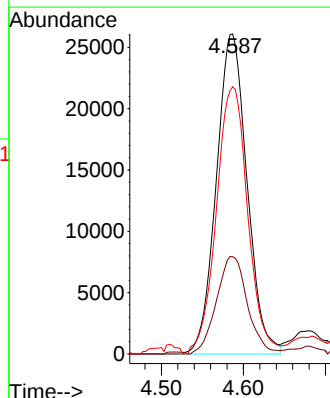
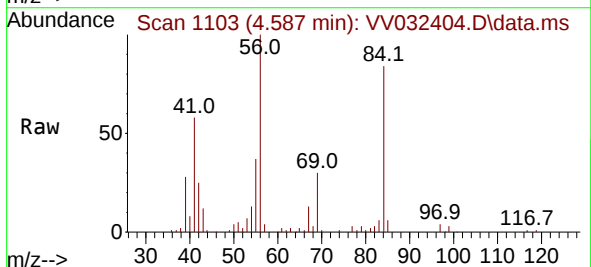
Tgt Ion: 56 Resp: 67789

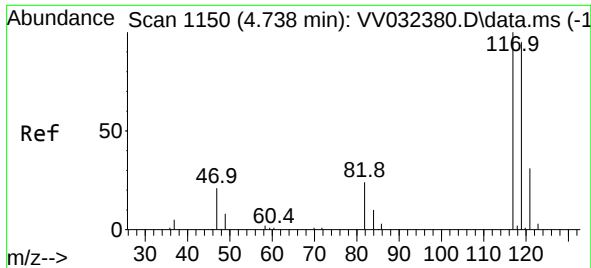
Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 85.3 68.1 102.1

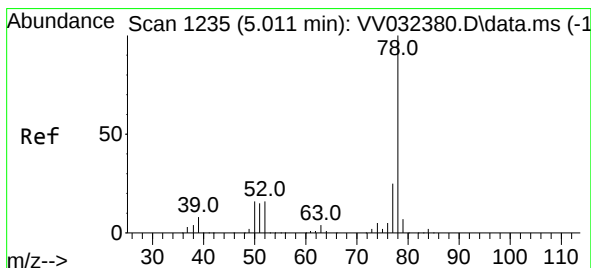
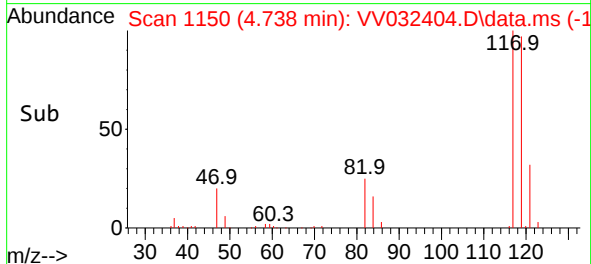
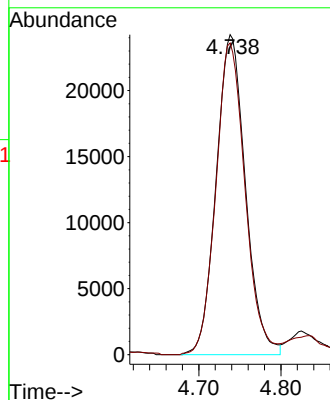
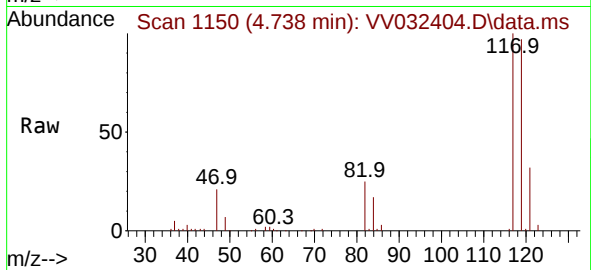




#31
Carbon tetrachloride
Concen: 4.430 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

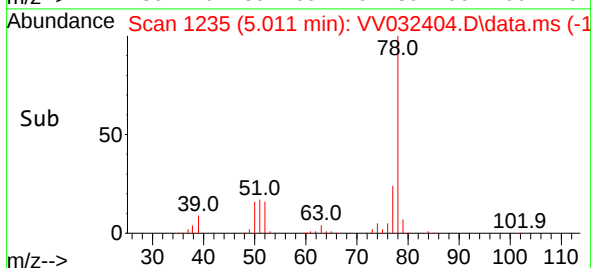
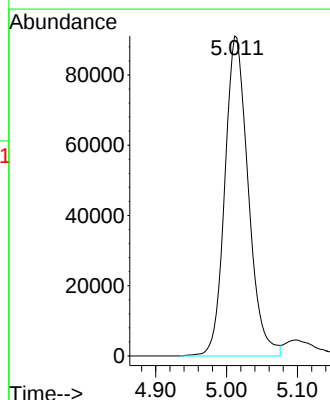
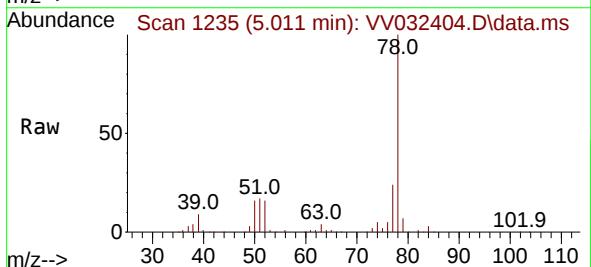
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

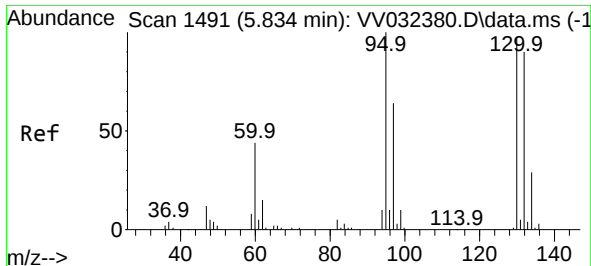
Tgt Ion:117 Resp: 60079
Ion Ratio Lower Upper
117 100
119 97.1 77.6 116.4



#33
Benzene
Concen: 5.044 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 78 Resp: 209359



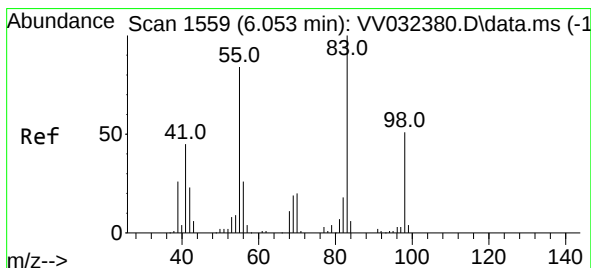
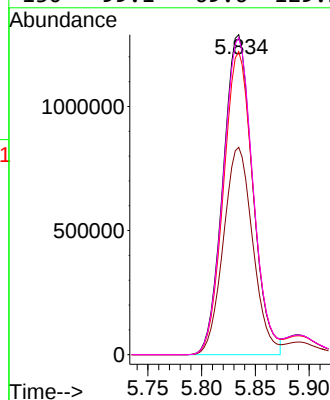
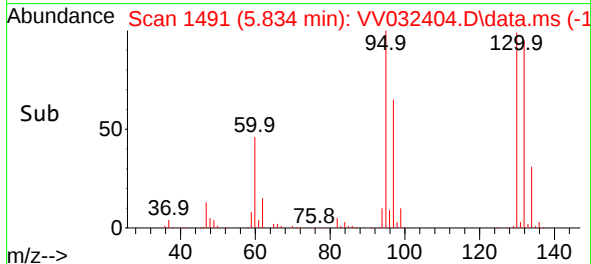
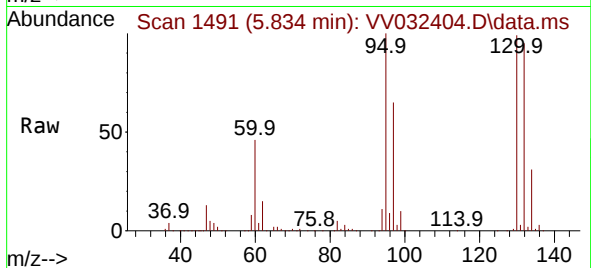


#34
Trichloroethene
Concen: 217.630 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

Tgt Ion: 95 Resp: 2465850

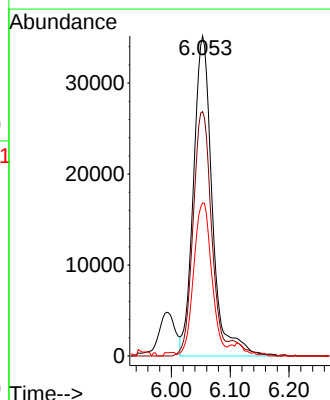
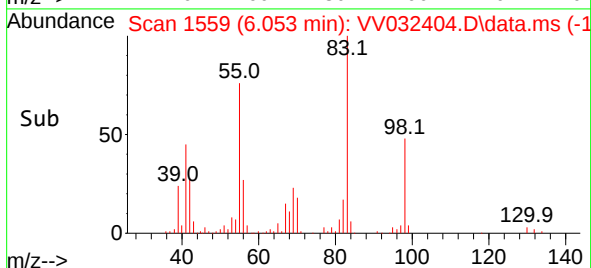
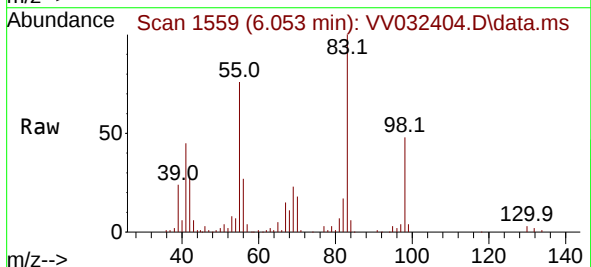
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.7	84.9
132	94.7	70.3	130.5
130	99.1	69.6	129.2

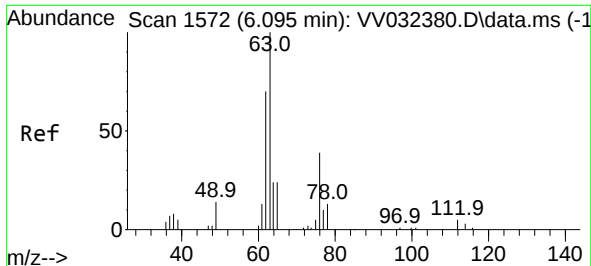


#35
Methylcyclohexane
Concen: 4.468 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 83 Resp: 78347

Ion	Ratio	Lower	Upper
83	100		
55	73.8	64.2	96.2
98	44.7	39.6	59.4





#37

1,2-Dichloropropane

Concen: 4.649 ug/L

RT: 6.095 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

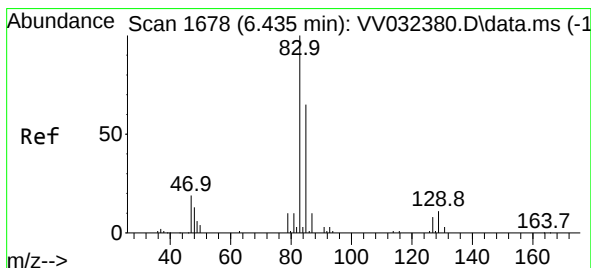
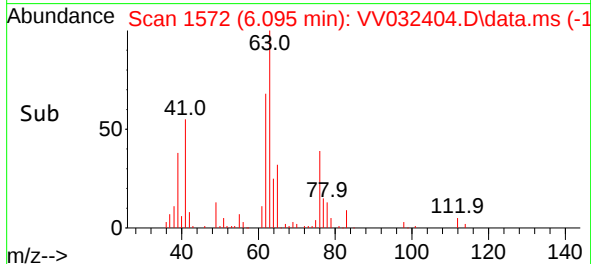
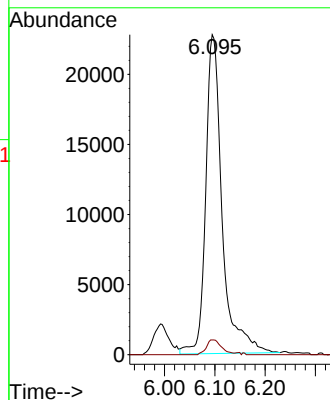
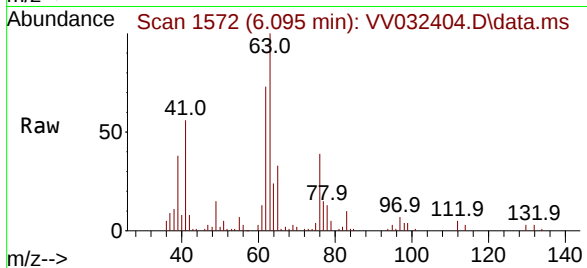
DCJV0MSD

Tgt Ion: 63 Resp: 51599

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 5.461 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

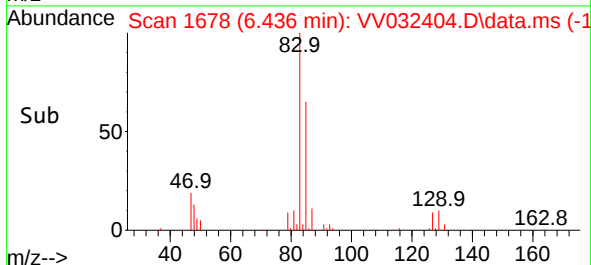
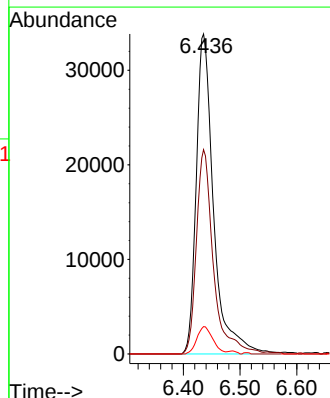
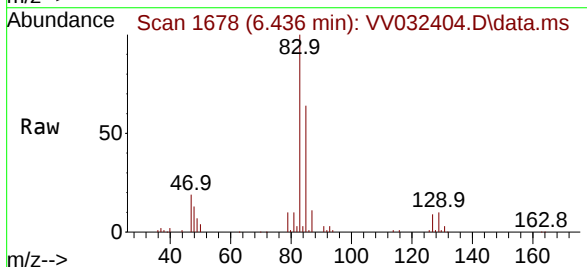
Tgt Ion: 83 Resp: 72019

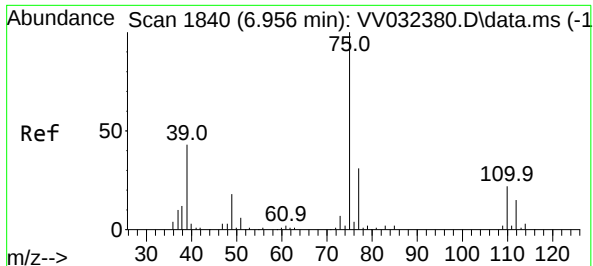
Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.3

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.323 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

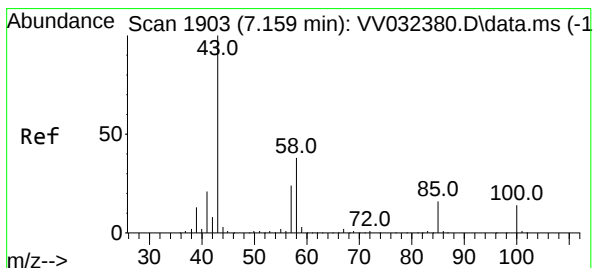
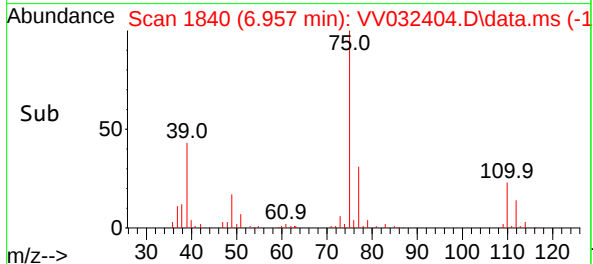
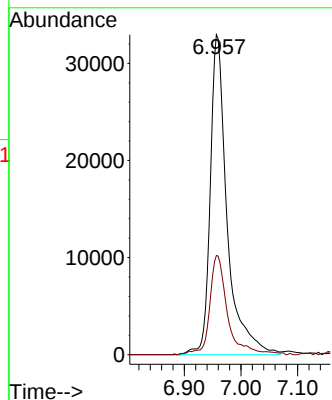
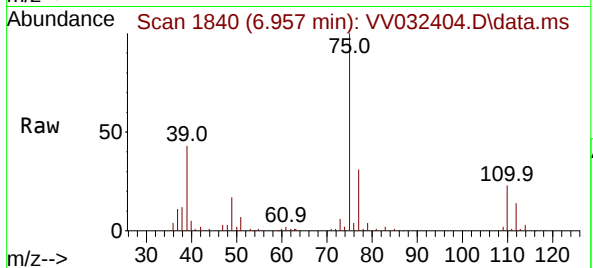
DCJV0MSD

Tgt Ion: 75 Resp: 68292

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 43.585 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

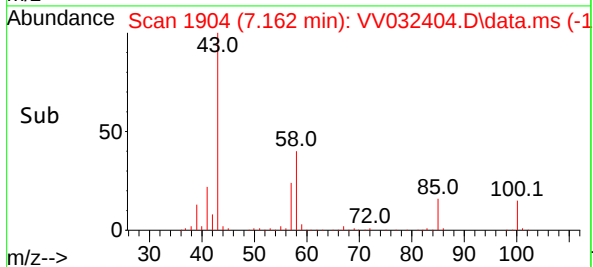
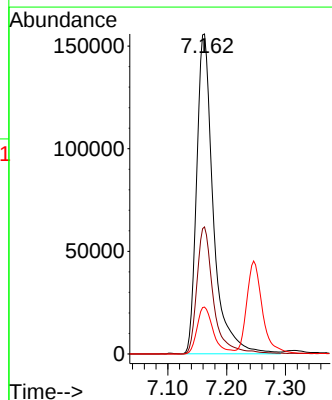
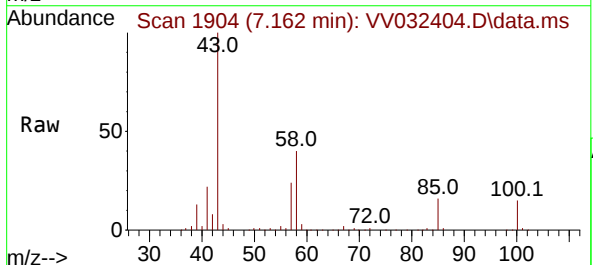
Tgt Ion: 43 Resp: 306158

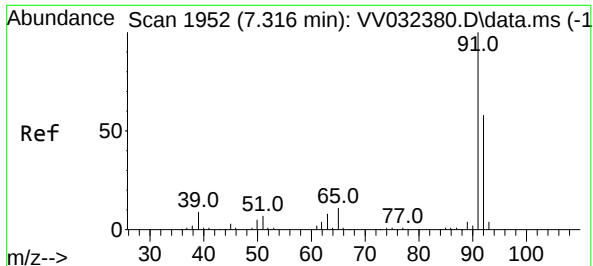
Ion Ratio Lower Upper

43 100

58 39.7 31.9 47.9

100 14.5 11.3 16.9





#42

Toluene

Concen: 4.922 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

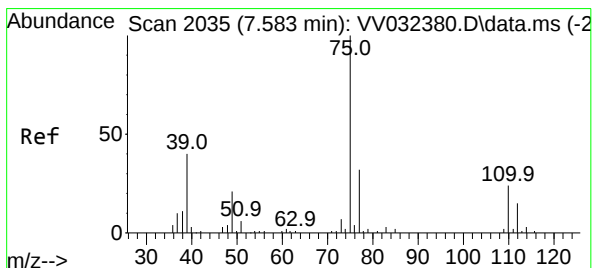
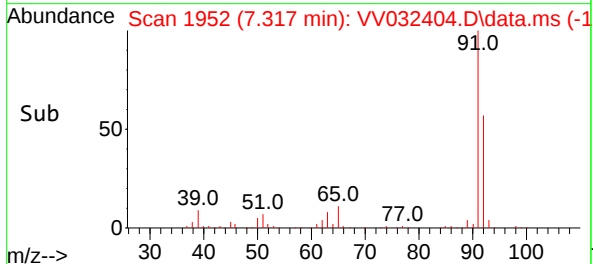
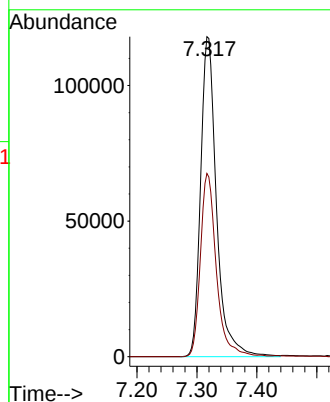
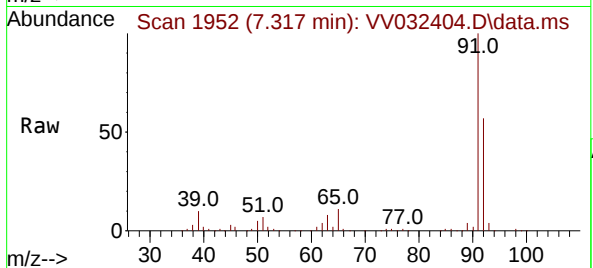
DCJV0MSD

Tgt Ion: 91 Resp: 217754

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.300 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032404.D

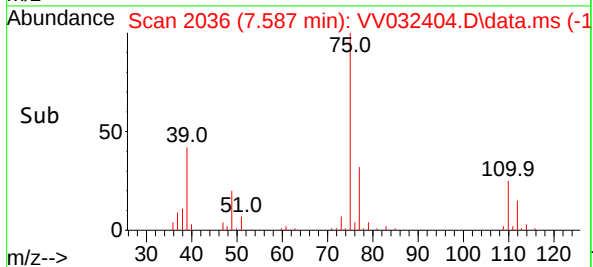
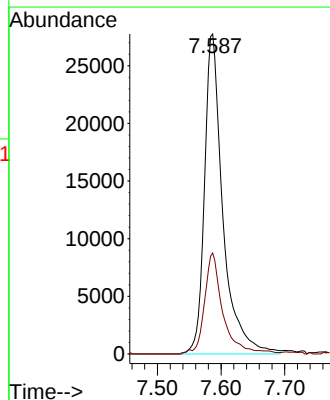
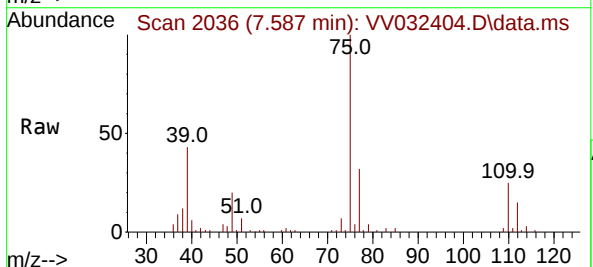
Acq: 11 Oct 2023 19:33

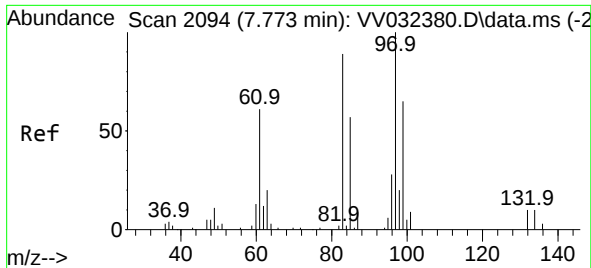
Tgt Ion: 75 Resp: 55820

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7

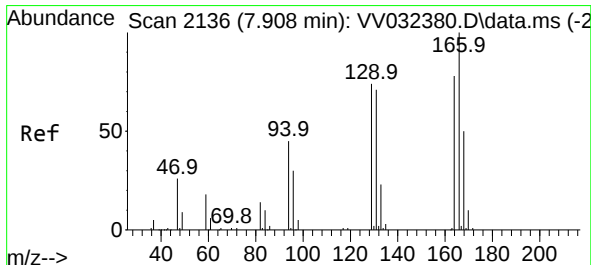
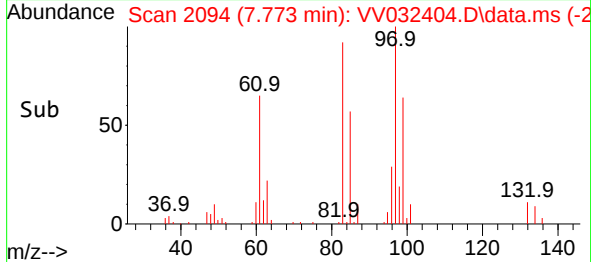
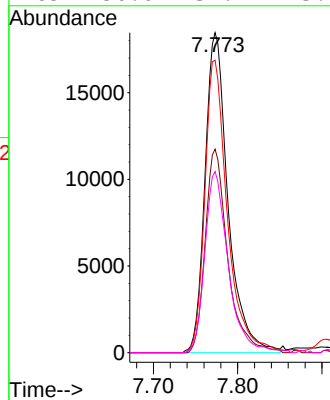
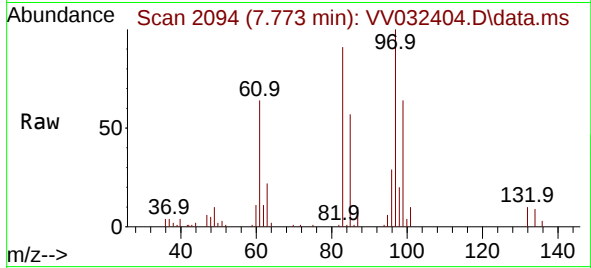




#45
1,1,2-Trichloroethane
Concen: 4.493 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

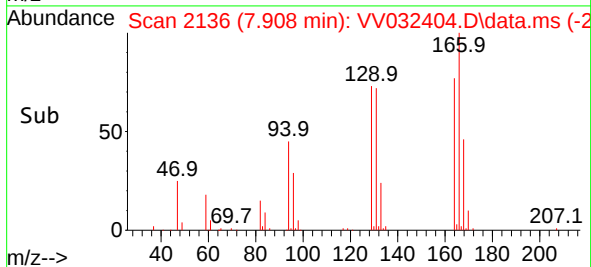
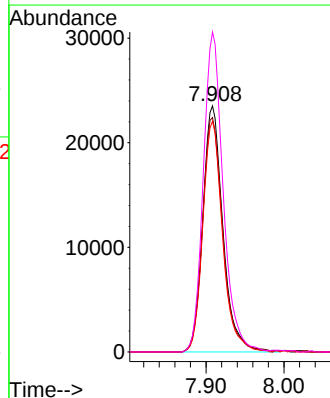
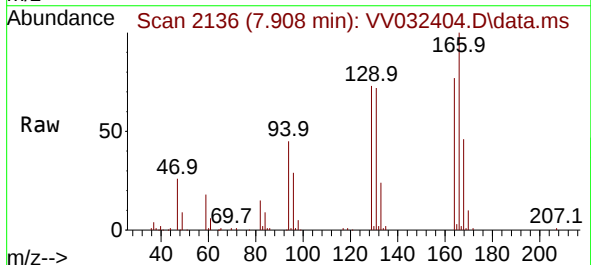
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

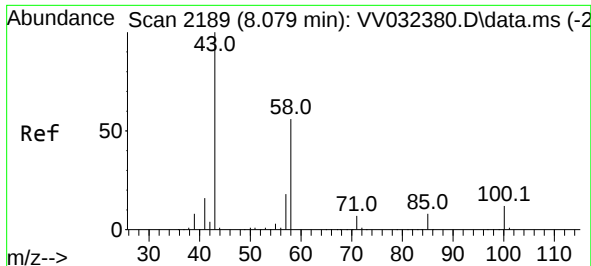
Tgt Ion:	97	Resp:	35181
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.8	79.4
83	91.4	60.9	113.1
85	56.6	39.4	73.2



#47
Tetrachloroethene
Concen: 4.903 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion:	164	Resp:	42130
Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.4	123.4
131	93.8	63.7	118.3
166	130.1	87.9	163.3



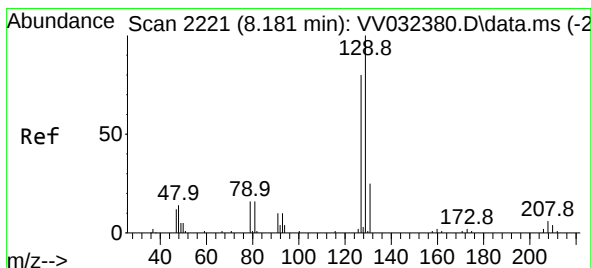
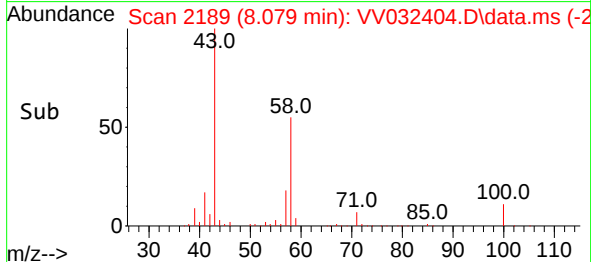
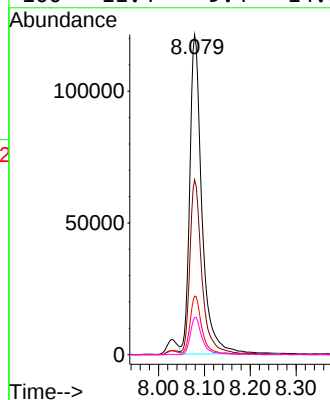
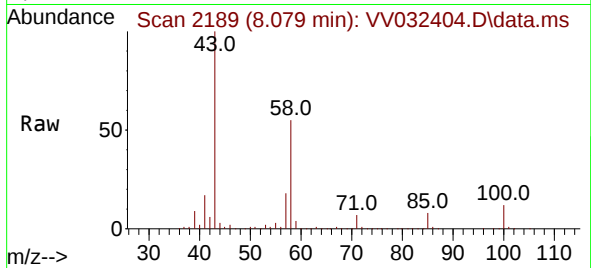


#48
2-Hexanone
Concen: 45.183 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

Tgt Ion: 43 Resp: 223929

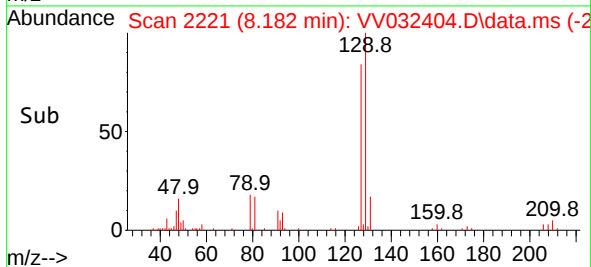
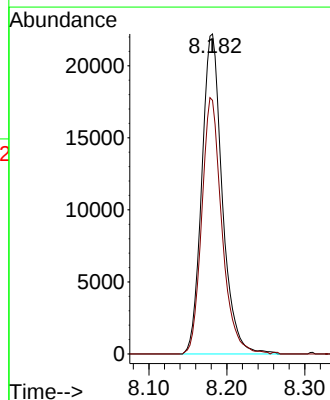
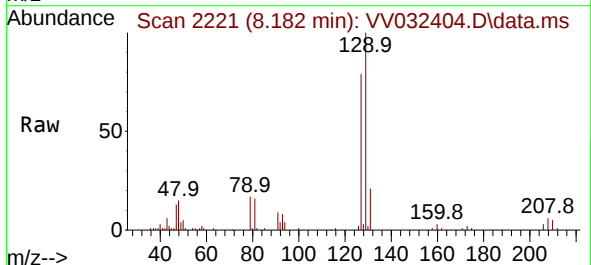
Ion	Ratio	Lower	Upper
43	100		
58	53.3	43.6	65.4
57	16.9	14.6	22.0
100	11.4	9.4	14.0

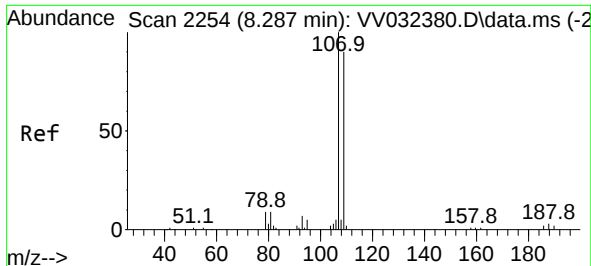


#49
Dibromochloromethane
Concen: 4.980 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 129 Resp: 40595

Ion	Ratio	Lower	Upper
129	100		
127	79.3	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.512 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MSD

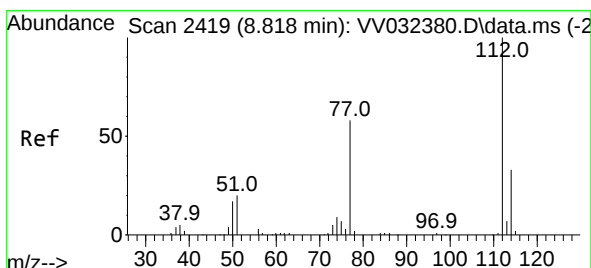
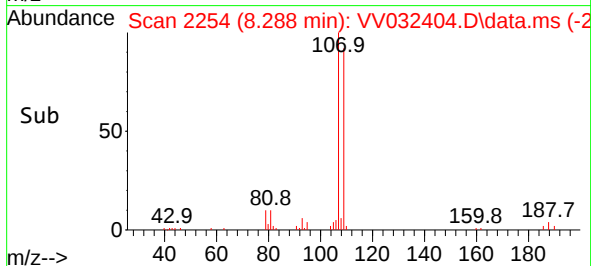
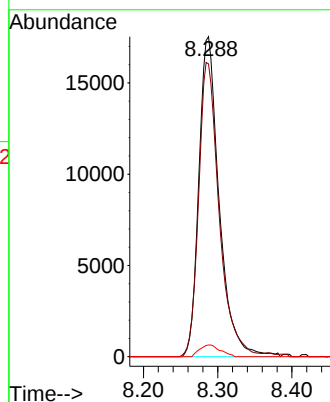
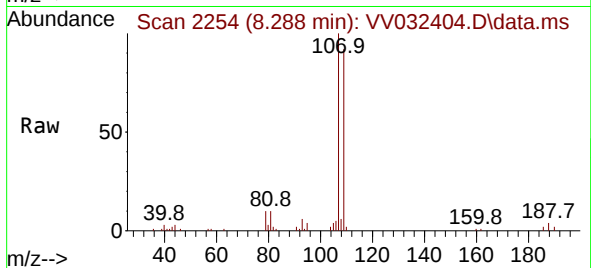
Tgt Ion:107 Resp: 33413

Ion Ratio Lower Upper

107 100

109 91.5 68.4 127.0

188 3.6 3.2 4.8



#51

Chlorobenzene

Concen: 4.434 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

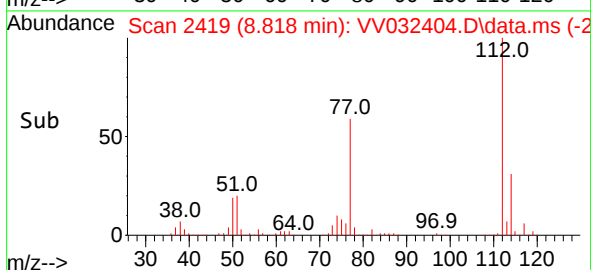
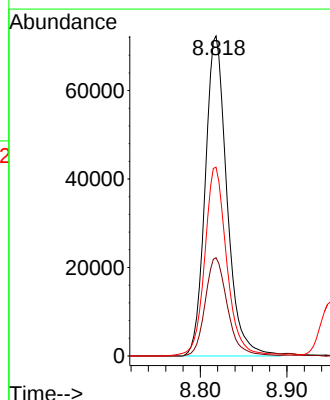
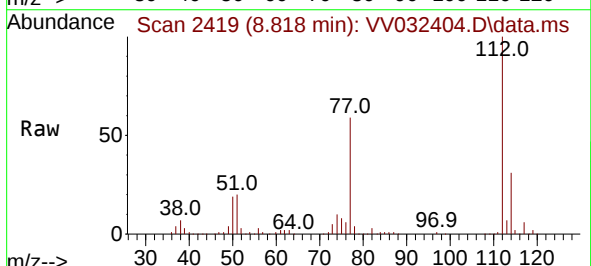
Tgt Ion:112 Resp: 126298

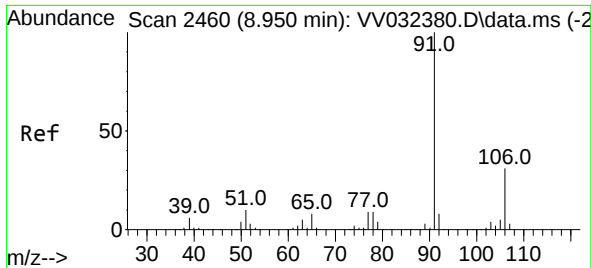
Ion Ratio Lower Upper

112 100

114 30.7 22.1 41.1

77 59.0 46.1 69.1

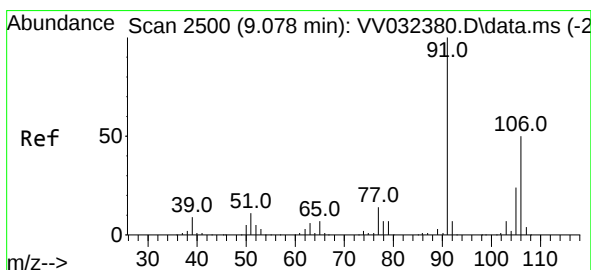
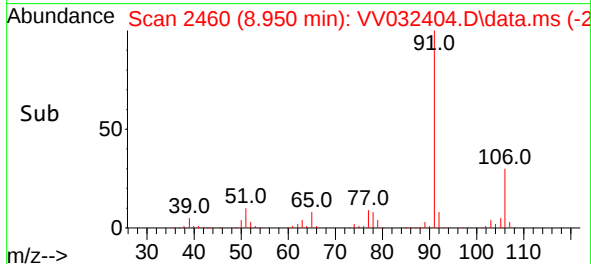
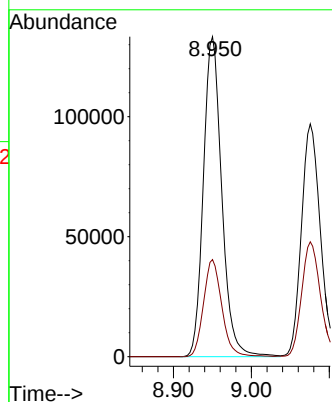
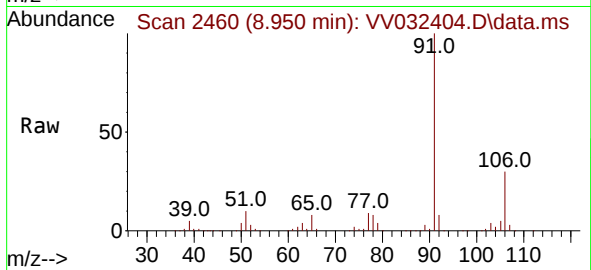




#52
Ethylbenzene
Concen: 4.434 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

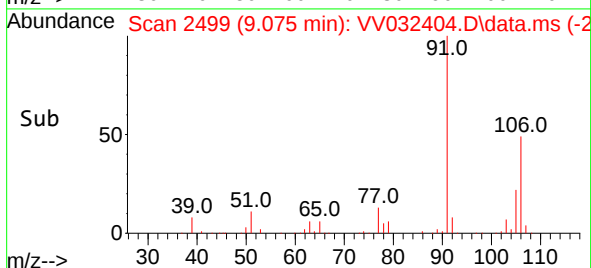
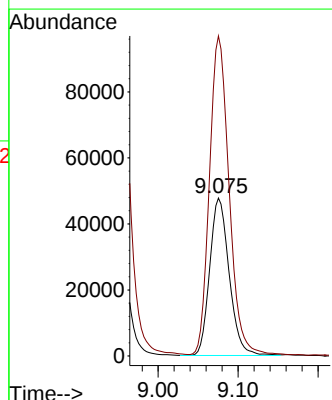
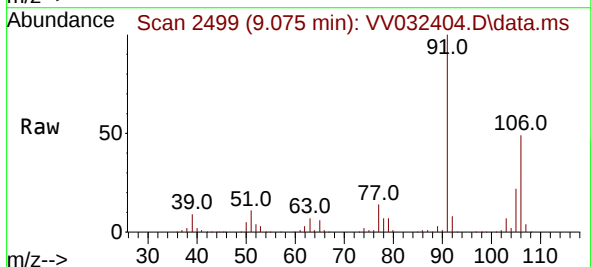
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

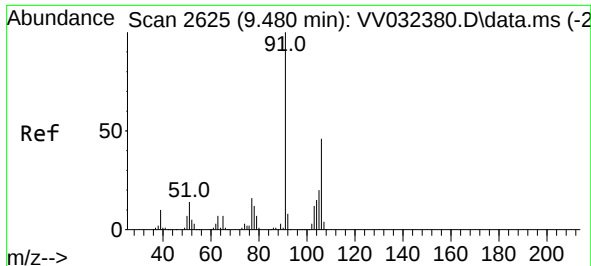
Tgt Ion: 91 Resp: 218437
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 4.423 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 106 Resp: 80828
Ion Ratio Lower Upper
106 100
91 202.6 144.5 268.3

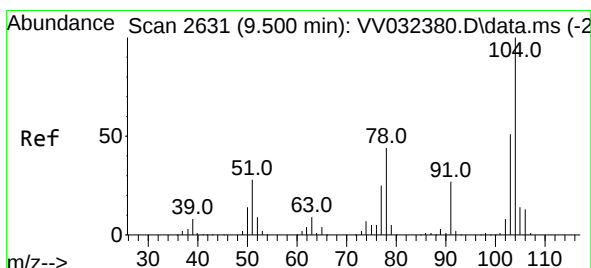
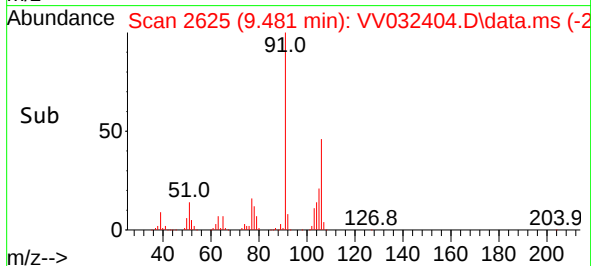
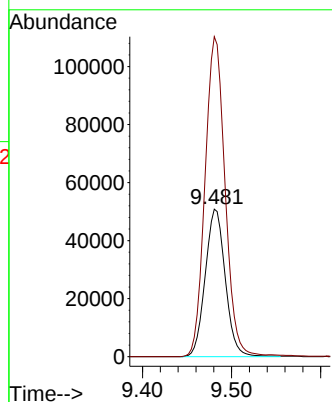
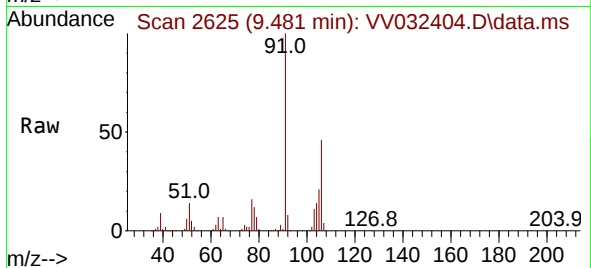




#54
o-Xylene
Concen: 4.510 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

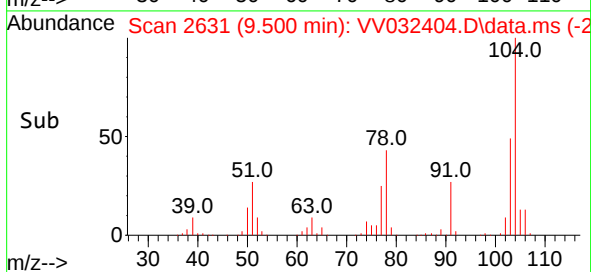
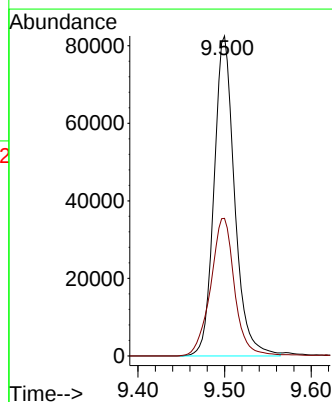
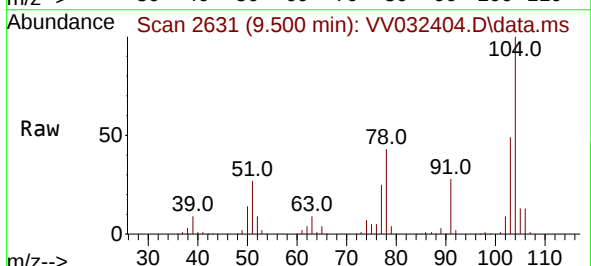
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

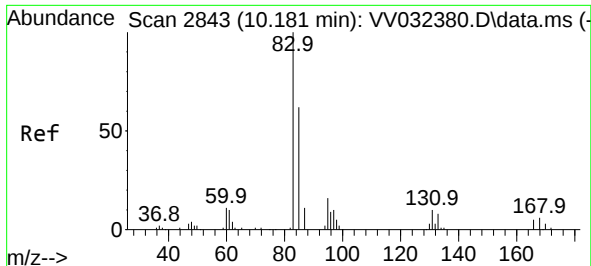
Tgt Ion:106 Resp: 79414
Ion Ratio Lower Upper
106 100
91 217.0 154.8 287.4



#55
Styrene
Concen: 4.583 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion:104 Resp: 136288
Ion Ratio Lower Upper
104 100
78 43.0 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.768 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MSD

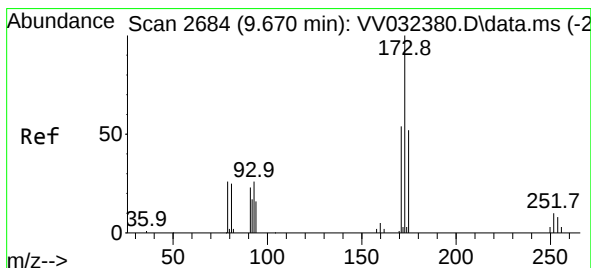
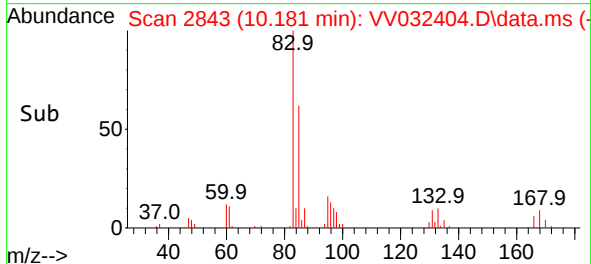
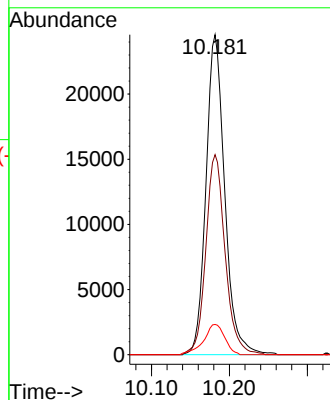
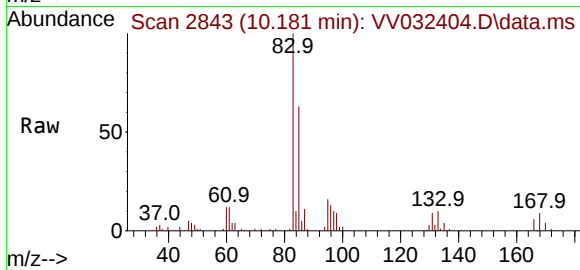
Tgt Ion: 83 Resp: 41083

Ion Ratio Lower Upper

83 100

85 62.5 43.6 81.0

131 9.5 7.0 10.6



#59

Bromoform

Concen: 4.521 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

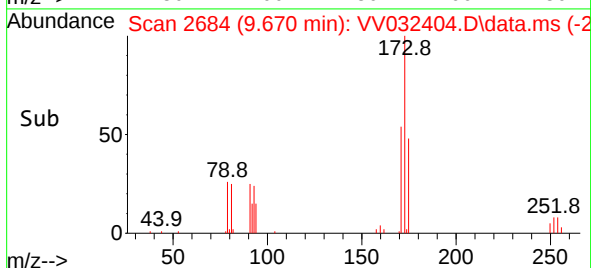
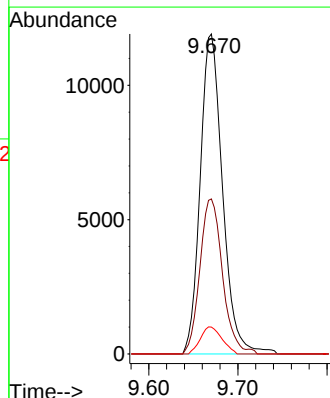
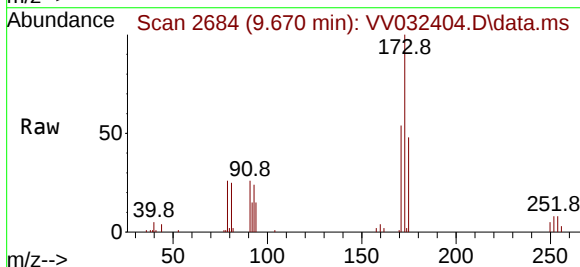
Tgt Ion: 173 Resp: 20746

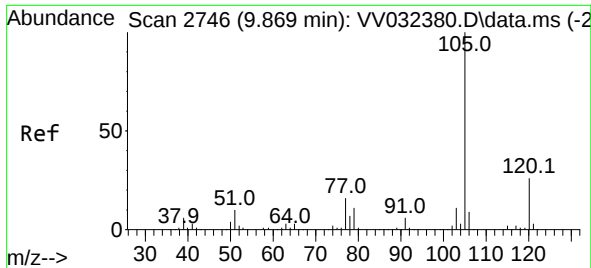
Ion Ratio Lower Upper

173 100

175 49.0 38.2 57.2

254 8.2 7.0 10.4

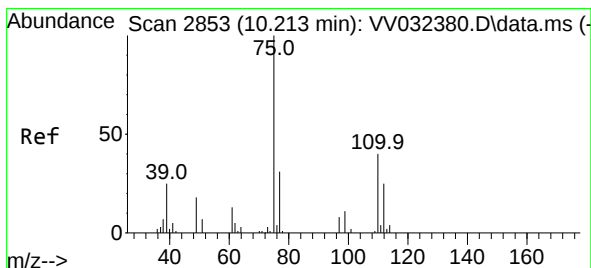
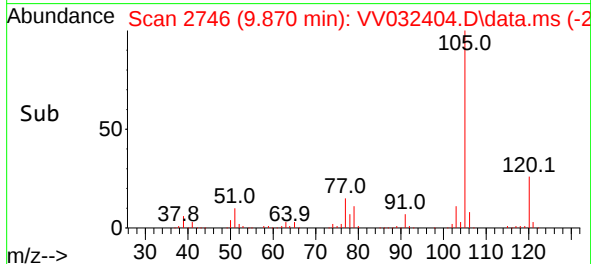
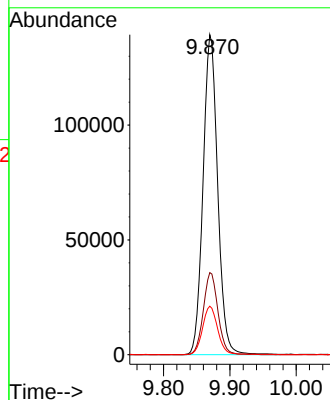
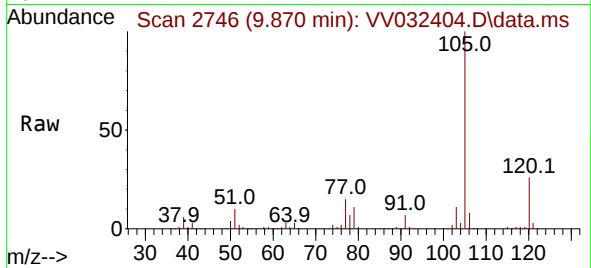




#60
Isopropylbenzene
Concen: 4.362 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

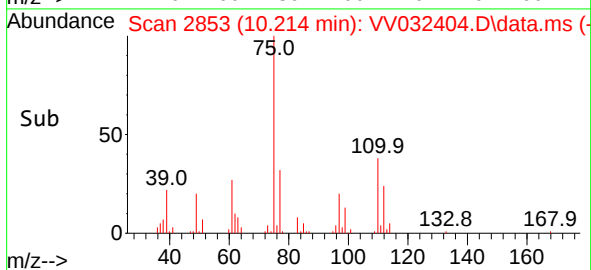
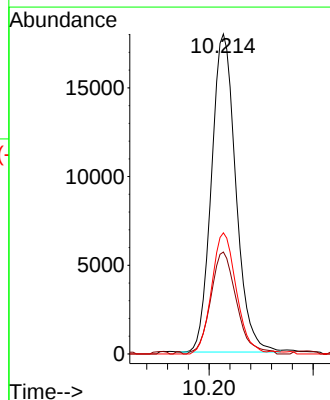
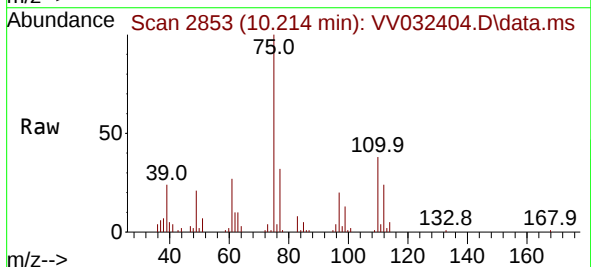
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

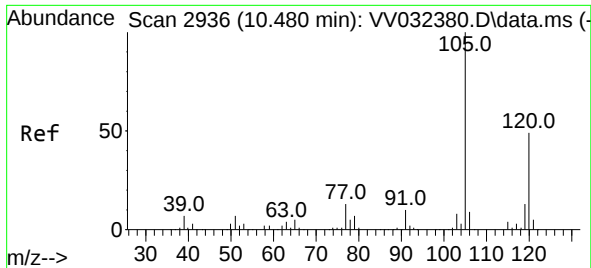
Tgt Ion:105 Resp: 213964
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.348 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion: 75 Resp: 29204
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 38.6 30.6 46.0

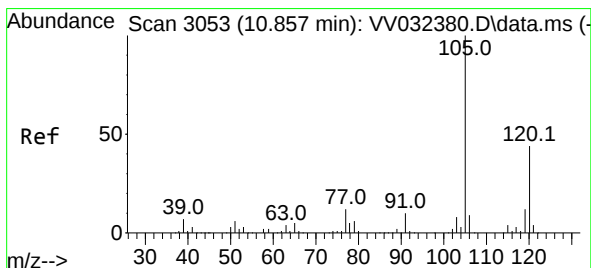
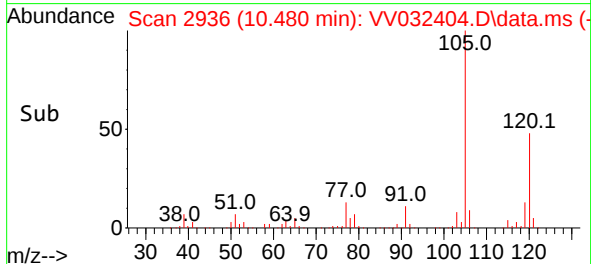
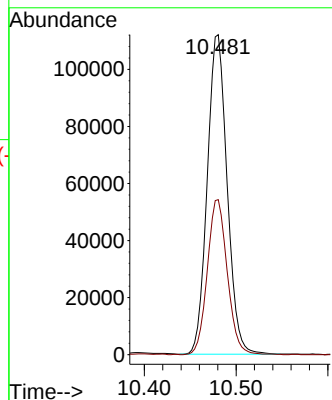
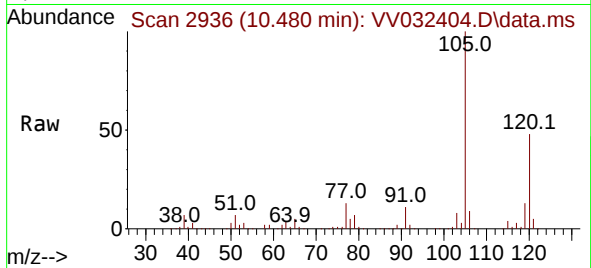




#62
 1,3,5-Trimethylbenzene
 Concen: 4.213 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

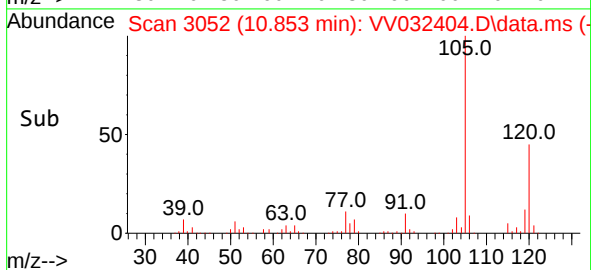
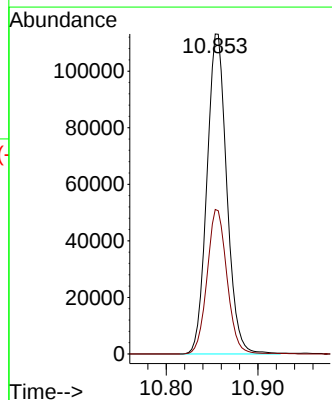
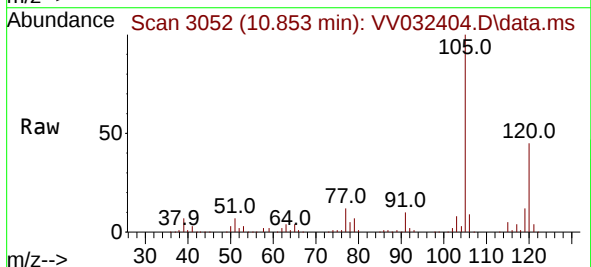
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MSD

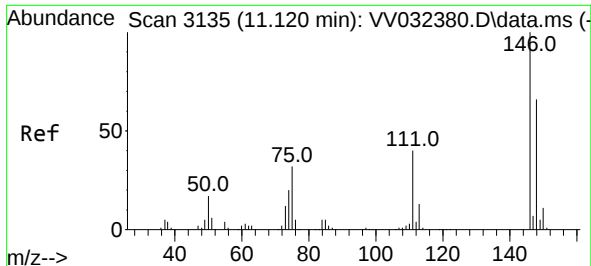
Tgt Ion:105 Resp: 168433
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.275 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.003 min
 Lab File: VV032404.D
 Acq: 11 Oct 2023 19:33

Tgt Ion:105 Resp: 170150
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.4

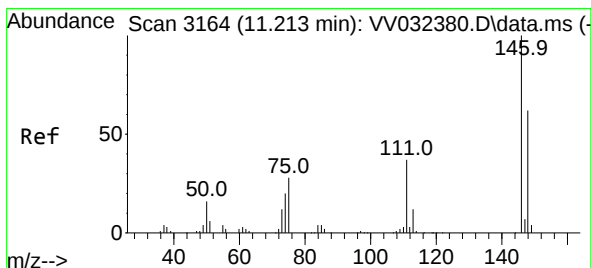
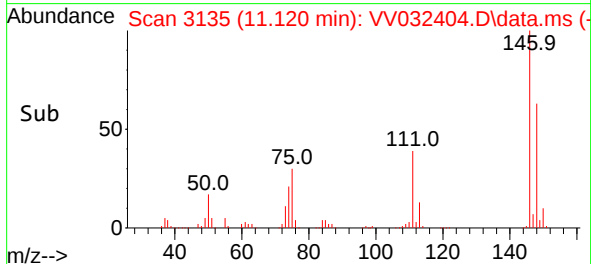
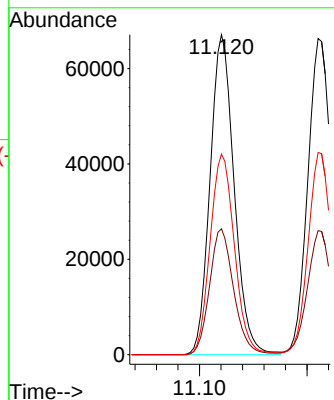
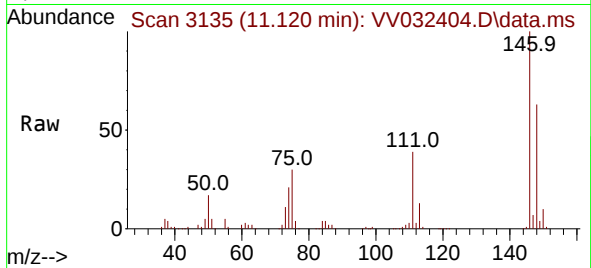




#64
1,3-Dichlorobenzene
Concen: 4.449 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

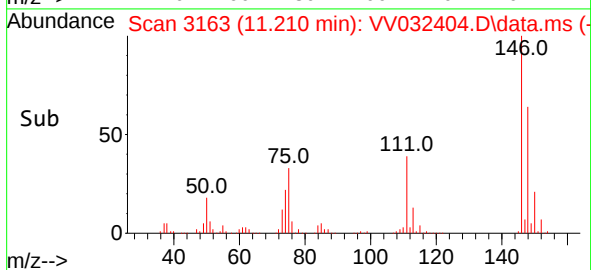
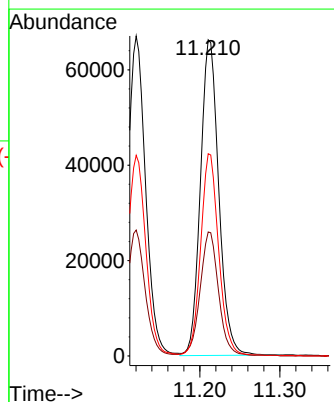
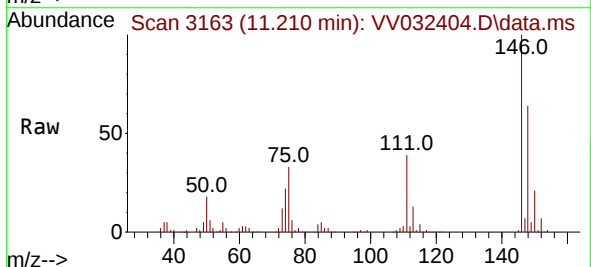
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

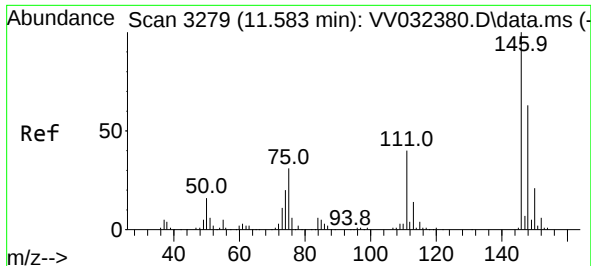
Tgt Ion:146 Resp: 104236
Ion Ratio Lower Upper
146 100
111 39.3 27.8 51.6
148 62.7 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.494 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion:146 Resp: 105645
Ion Ratio Lower Upper
146 100
111 39.2 26.9 49.9
148 64.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.481 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MSD

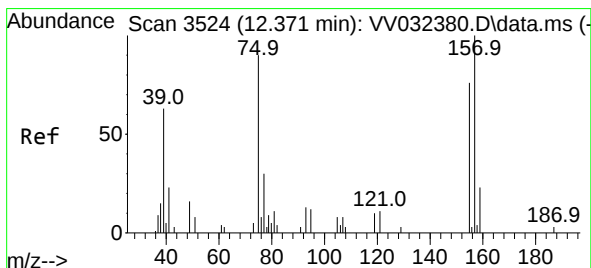
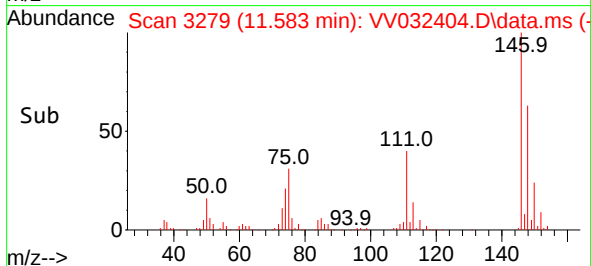
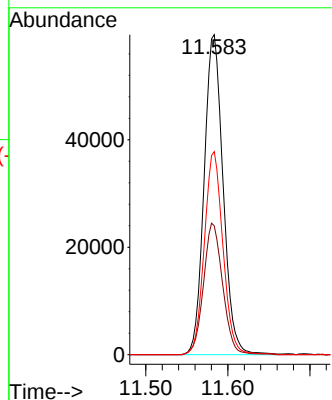
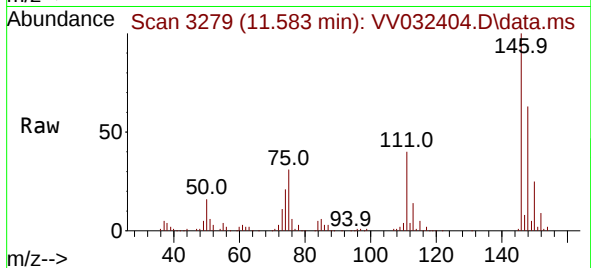
Tgt Ion:146 Resp: 95747

Ion Ratio Lower Upper

146 100

111 40.2 32.8 49.2

148 63.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.223 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

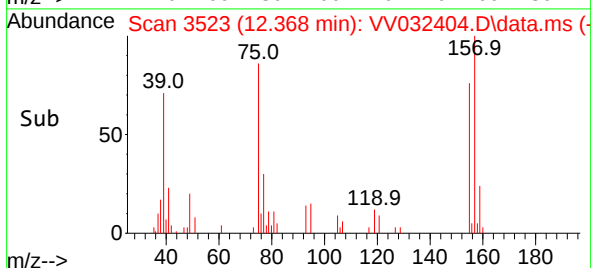
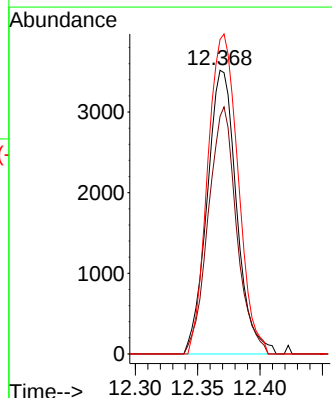
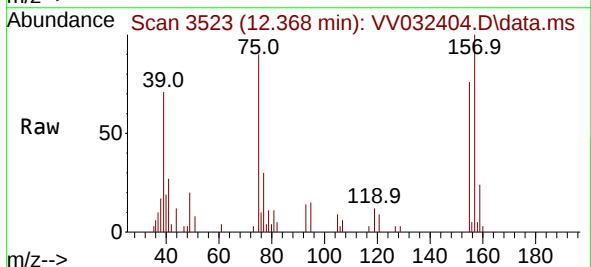
Tgt Ion: 75 Resp: 5796

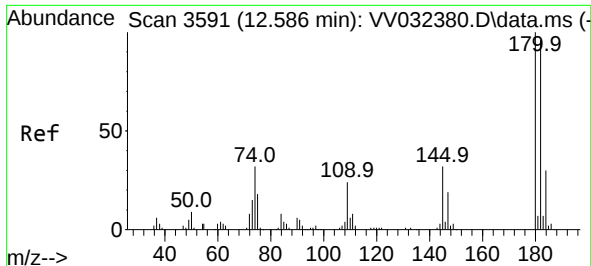
Ion Ratio Lower Upper

75 100

155 83.8 70.2 105.4

157 110.8 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.306 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MSD

Tgt Ion:180 Resp: 73891

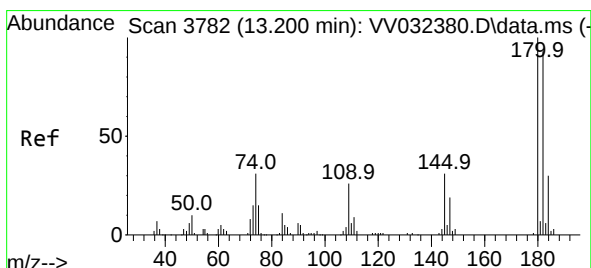
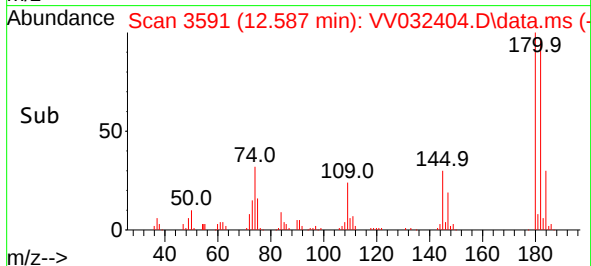
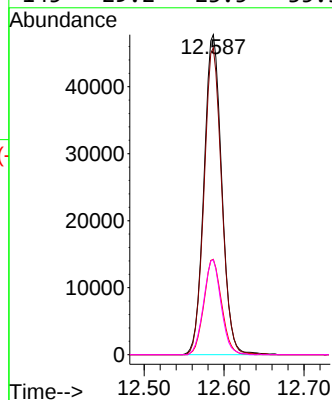
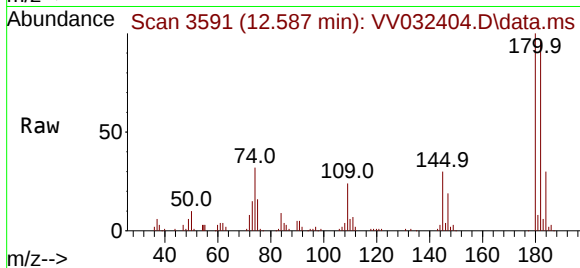
Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

184 29.6 24.1 36.1

145 29.2 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.107 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032404.D

Acq: 11 Oct 2023 19:33

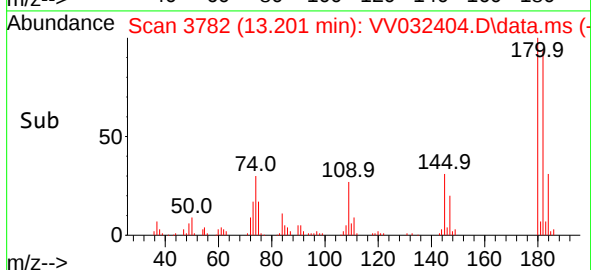
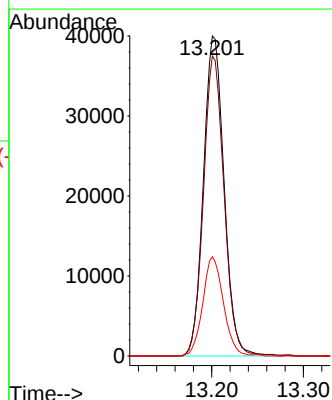
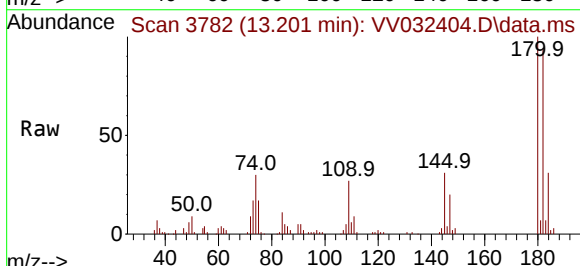
Tgt Ion:180 Resp: 62504

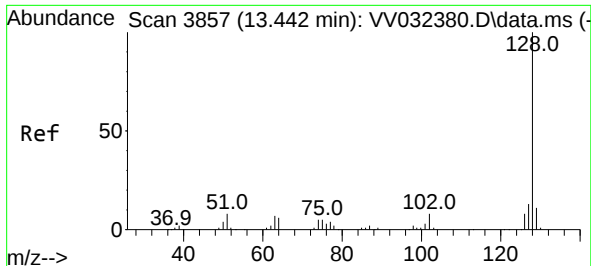
Ion Ratio Lower Upper

180 100

182 94.0 76.5 114.7

145 31.1 24.3 36.5

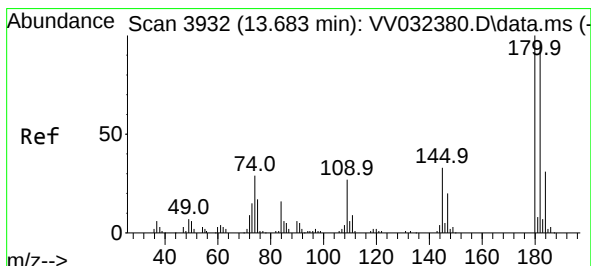
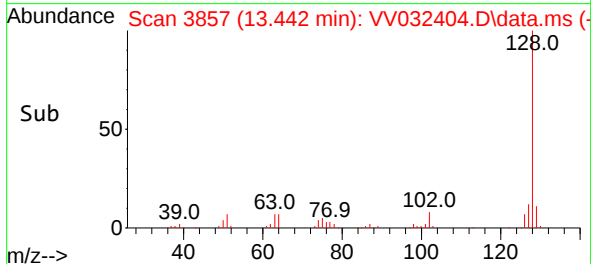
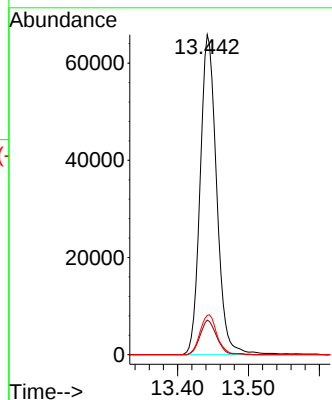
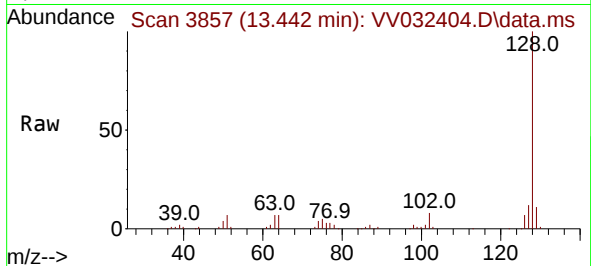




#71
Naphthalene
Concen: 4.107 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Instrument :
MSVOA_V
ClientSampleId :
DCJV0MSD

Tgt Ion:128 Resp: 106200
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.399 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032404.D
Acq: 11 Oct 2023 19:33

Tgt Ion:180 Resp: 57687
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.4
145 32.5 25.7 38.5

