

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032269.D
 Acq On : 05 Oct 2023 20:39
 Operator : SY/MD
 Sample : 04708-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJR7MSD

Quant Time: Oct 06 01:33:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	91829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	93794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30805	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.532	69	28338	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.060	65	13011	4.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.812	46	100604	53.251	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.500%
24) Chloroform-d	4.252	84	64294	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.950	65	30959	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.963	84	120995	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.992	67	40426	4.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.246	98	113928	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.558	79	14418	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.030	63	77492	50.829	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.660%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32002	5.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	42315	4.581	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	51799	5.062	ug/L	98
3) Chloromethane	1.214	50	53116	5.149	ug/L	98
5) Vinyl chloride	1.282	62	49394	5.020	ug/L	99
6) Bromomethane	1.487	94	30149	5.073	ug/L	95
8) Chloroethane	1.548	64	30349	5.124	ug/L	99
9) Trichlorofluoromethane	1.712	101	60804	5.153	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36474	5.102	ug/L	99
12) 1,1-Dichloroethene	2.069	96	34319	5.096	ug/L	86
13) Acetone	2.143	43	67382	46.275	ug/L	93
14) Carbon disulfide	2.240	76	112668	4.786	ug/L	99
15) Methyl Acetate	2.388	43	14094	4.299	ug/L	95
16) Methylene chloride	2.449	84	39046	4.447	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	90127	4.916	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	37326	4.839	ug/L	98
19) 1,1-Dichloroethane	3.114	63	71197	4.906	ug/L	98
21) 2-Butanone	3.896	43	104572	45.923	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	40760	4.907	ug/L	95
23) Bromochloromethane	4.156	128	17829	5.102	ug/L	97
25) Chloroform	4.281	83	77567	5.448	ug/L	99

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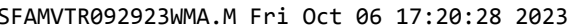
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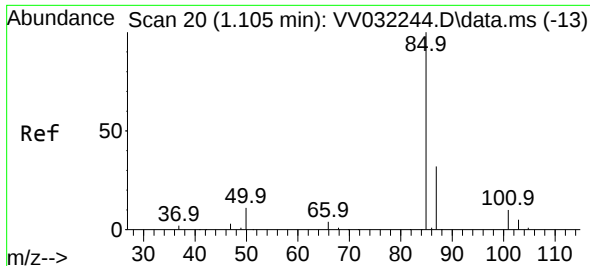
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	41283	4.908	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	58928	4.621	ug/L	98
30) Cyclohexane	4.587	56	58888	4.202	ug/L	99
31) Carbon tetrachloride	4.738	117	50107	4.644	ug/L	98
33) Benzene	5.015	78	171264	5.186	ug/L	100
34) Trichloroethene	5.834	95	1282216	142.234	ug/L	98
35) Methylcyclohexane	6.053	83	63872	4.578	ug/L	97
37) 1,2-Dichloropropane	6.098	63	42593	4.823	ug/L	100
38) Bromodichloromethane	6.436	83	51194	4.879	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	57688	4.590	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	266090	47.612	ug/L	98
42) Toluene	7.320	91	181406	5.153	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	46613	4.513	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	29322	4.707	ug/L	99
47) Tetrachloroethene	7.908	164	34250	5.010	ug/L	97
48) 2-Hexanone	8.082	43	190202	48.236	ug/L	99
49) Dibromochloromethane	8.182	129	31713	4.889	ug/L	95
50) 1,2-Dibromoethane	8.288	107	27874	4.730	ug/L	99
51) Chlorobenzene	8.818	112	105832	4.669	ug/L	98
52) Ethylbenzene	8.950	91	182626	4.659	ug/L	99
53) m,p-Xylene	9.075	106	69696	4.794	ug/L	97
54) o-Xylene	9.481	106	65586	4.682	ug/L	99
55) Styrene	9.500	104	113723	4.807	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	32952	4.807	ug/L	97
59) Bromoform	9.670	173	16443	4.543	ug/L	99
60) Isopropylbenzene	9.870	105	176754	4.569	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	24789	4.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	139594	4.427	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	141923	4.521	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	84698	4.583	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	85378	4.605	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	78417	4.652	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	5064	4.678	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	58647	4.333	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	52192	4.348	ug/L	99
71) Naphthalene	13.442	128	94720	4.645	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47335	4.576	ug/L	99

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

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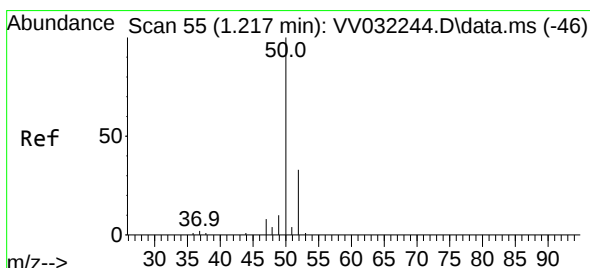
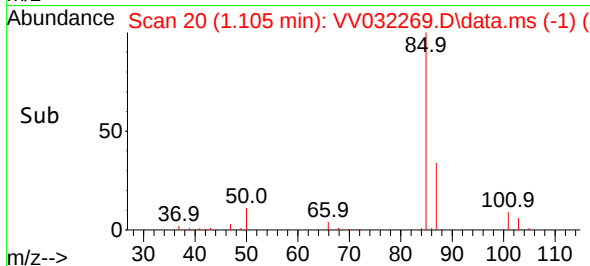
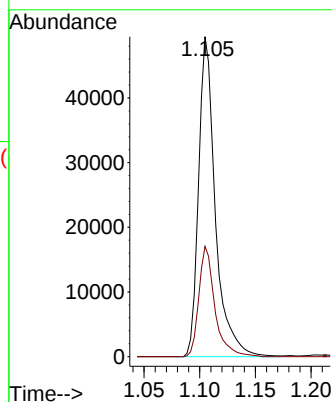
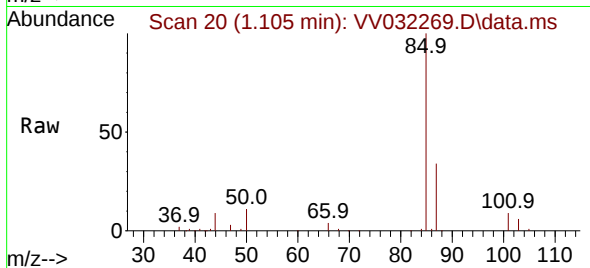




#2
 Dichlorodifluoromethane
 Concen: 5.062 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

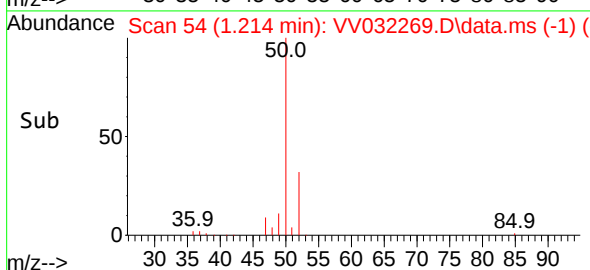
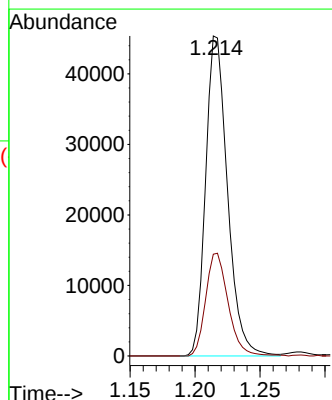
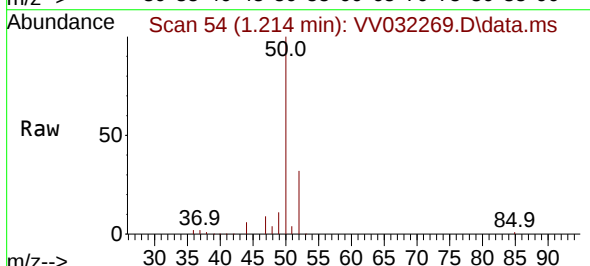
Instrument :
 MSVOA_V
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 DCJR7MSD

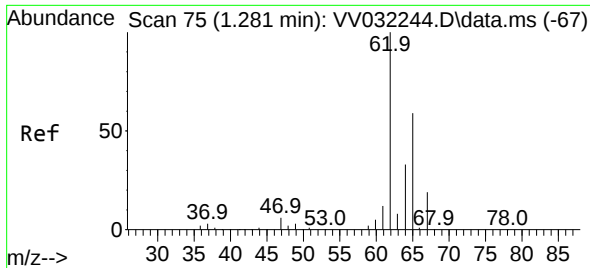
Tgt Ion: 85 Resp: 51799
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.5 38.3



#3
 Chloromethane
 Concen: 5.149 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 50 Resp: 53116
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.6

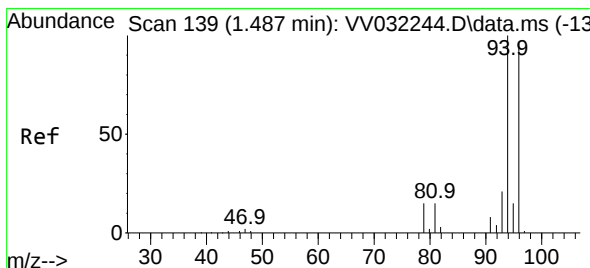
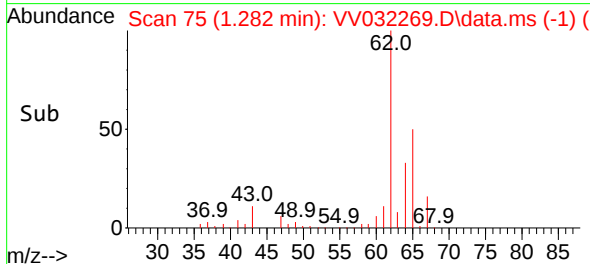
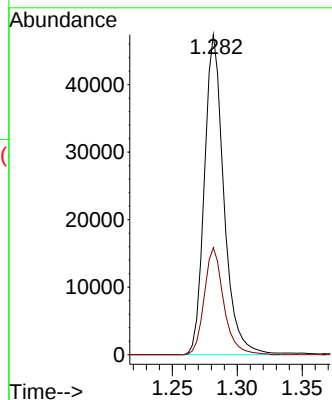
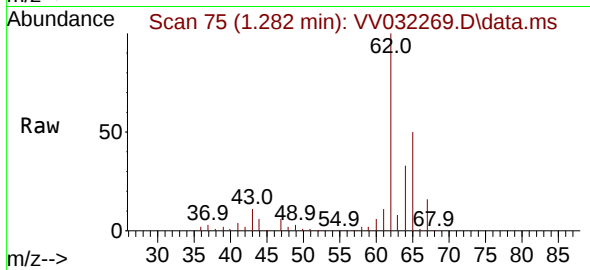




#5
 Vinyl chloride
 Concen: 5.020 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

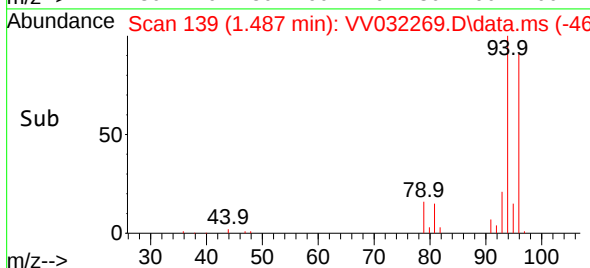
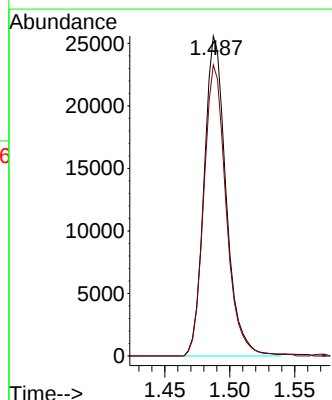
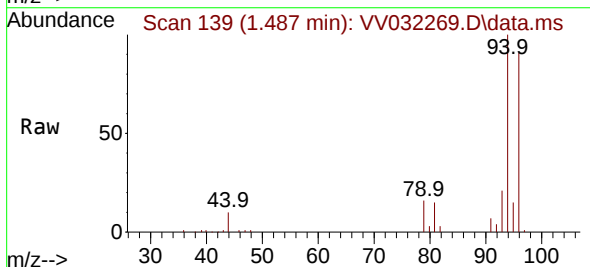
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 ClientSampleId :
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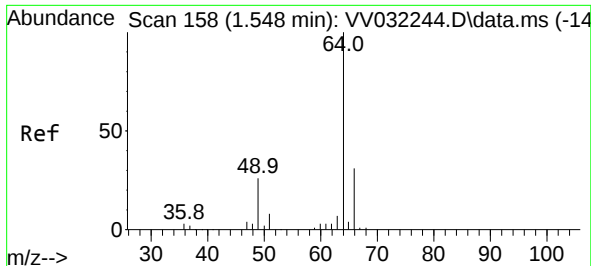
Tgt Ion: 62 Resp: 49394
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 5.073 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 94 Resp: 30149
 Ion Ratio Lower Upper
 94 100
 96 91.0 66.8 124.2

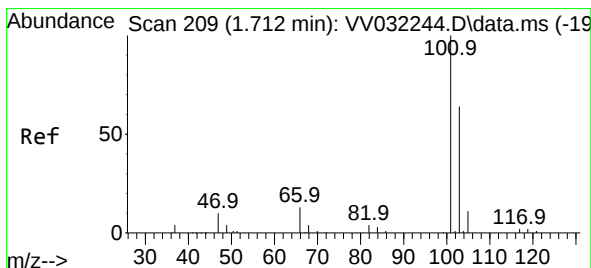
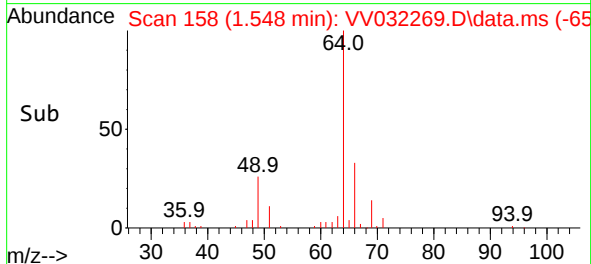
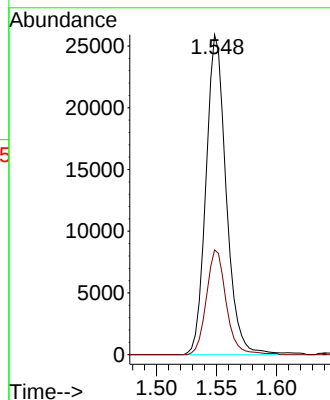
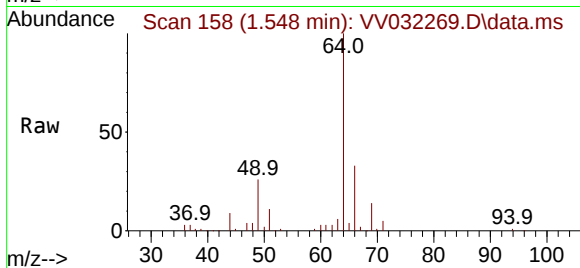




#8
Chloroethane
Concen: 5.124 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

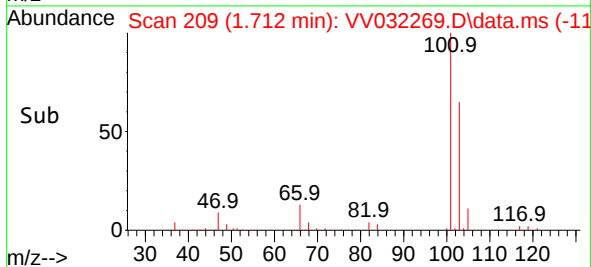
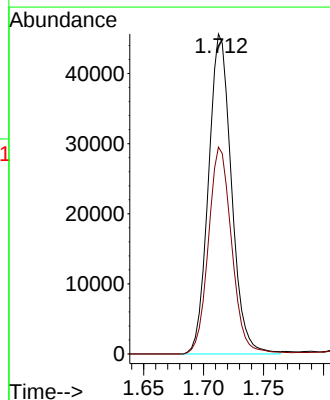
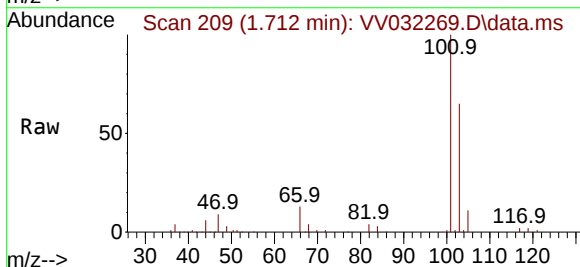
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MSVOA_V
ClientSampleId :
DCJR7MSD

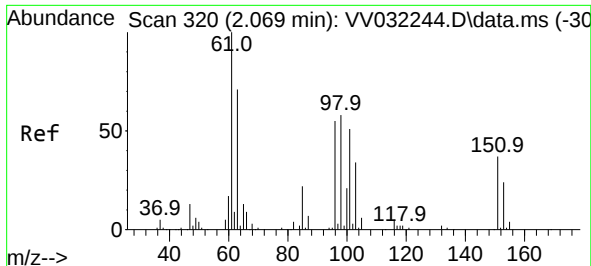
Tgt Ion: 64 Resp: 30349
Ion Ratio Lower Upper
64 100
66 32.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.153 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion:101 Resp: 60804
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2





#10

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

Concen: 5.102 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

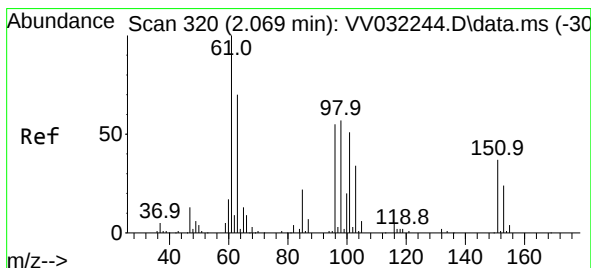
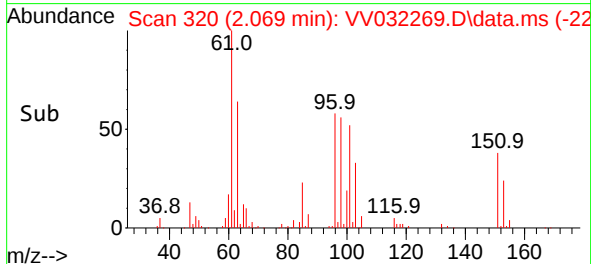
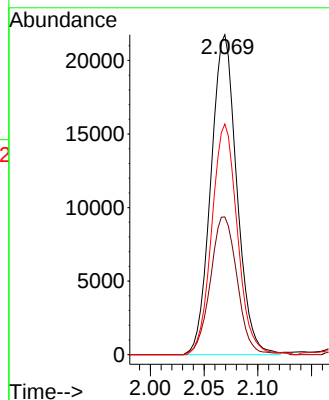
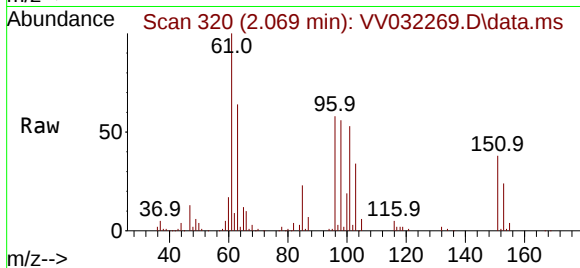
Tgt Ion:101 Resp: 36474

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.6

151 71.4 56.6 84.8



#12

1,1-Dichloroethene

Concen: 5.096 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

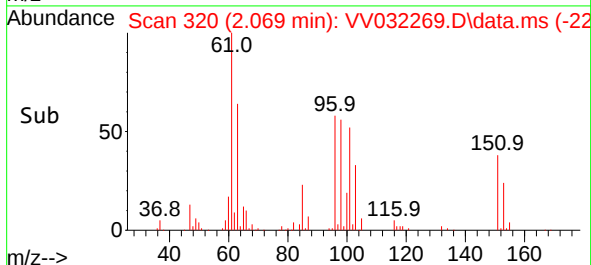
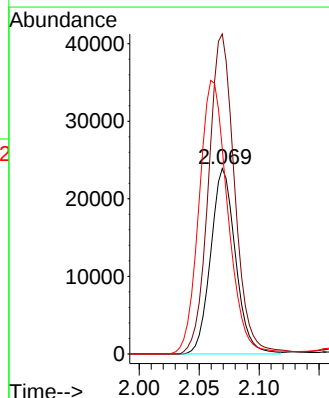
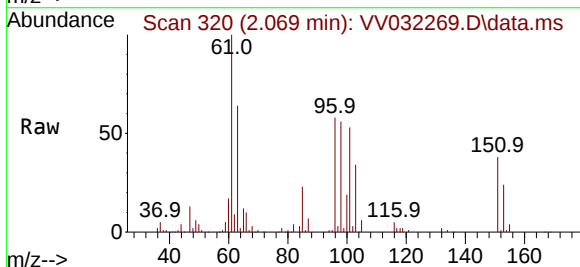
Tgt Ion: 96 Resp: 34319

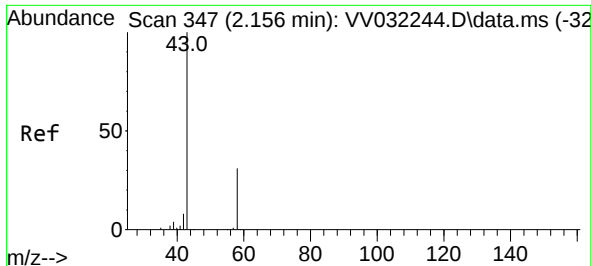
Ion Ratio Lower Upper

96 100

61 172.5 127.3 236.3

63 110.8 98.3 182.7





#13

Acetone

Concen: 46.275 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV032269.D

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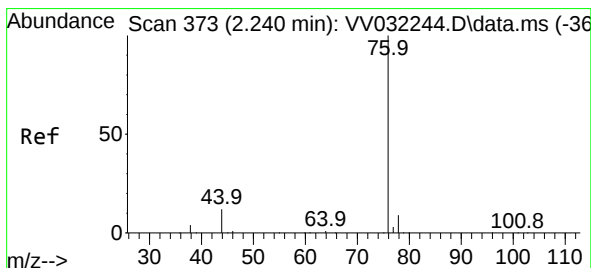
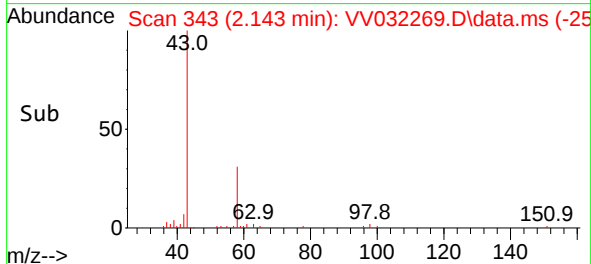
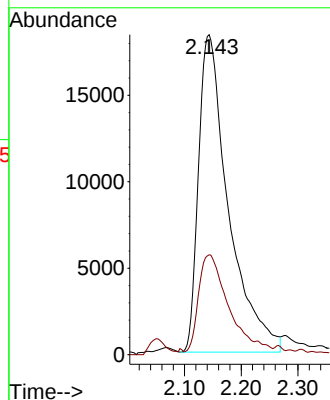
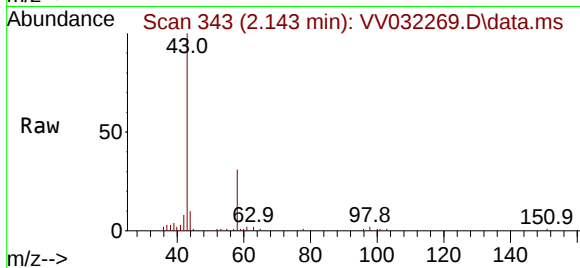
DCJR7MSD

Tgt Ion: 43 Resp: 67382

Ion Ratio Lower Upper

43 100

58 29.2 0.0 66.0



#14

Carbon disulfide

Concen: 4.786 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032269.D

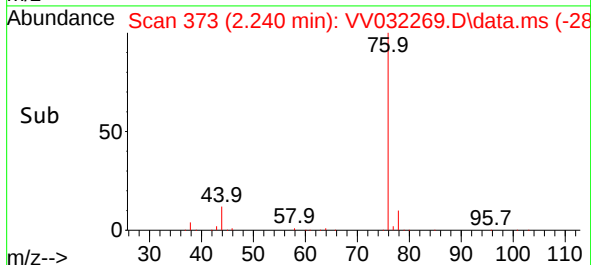
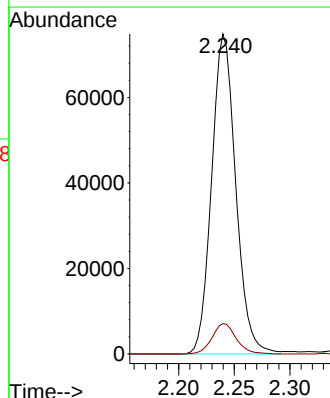
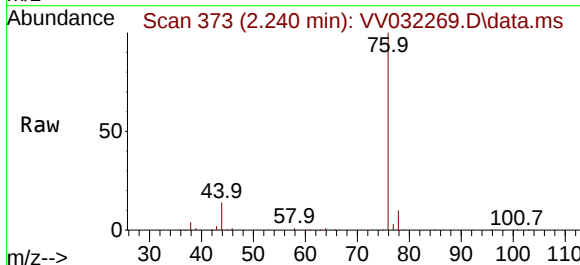
Acq: 05 Oct 2023 20:39

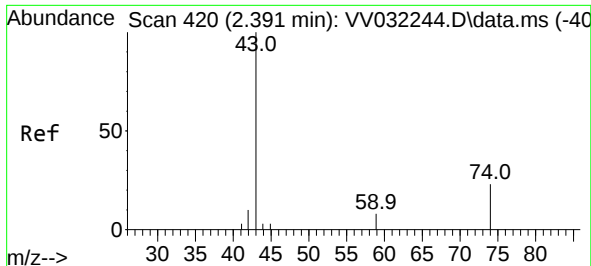
Tgt Ion: 76 Resp: 112668

Ion Ratio Lower Upper

76 100

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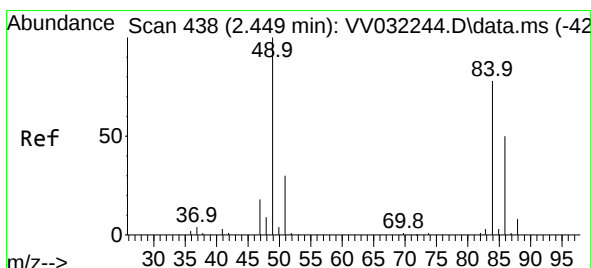
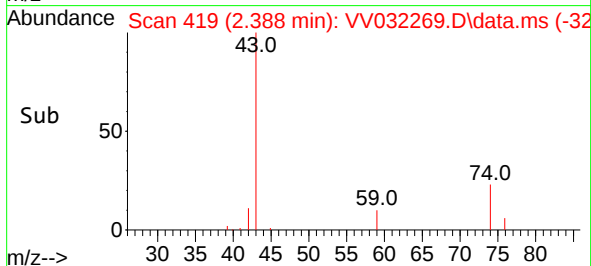
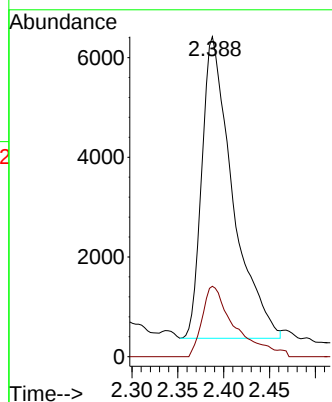
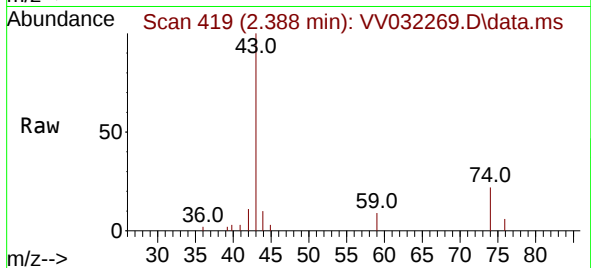




#15
Methyl Acetate
Concen: 4.299 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

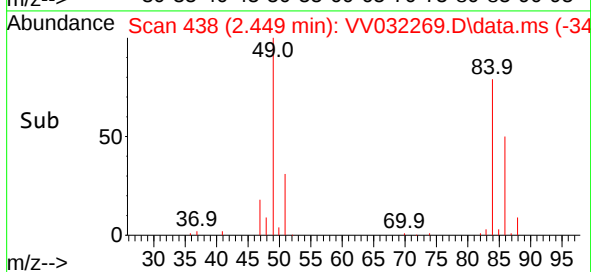
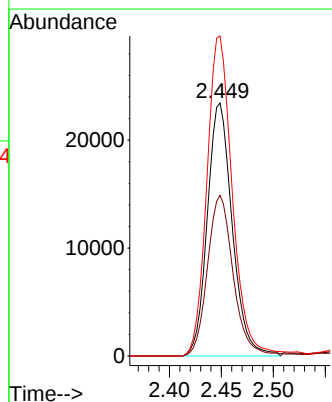
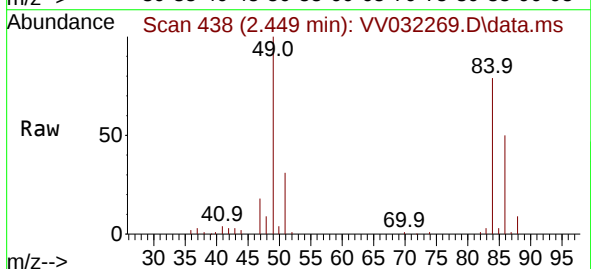
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

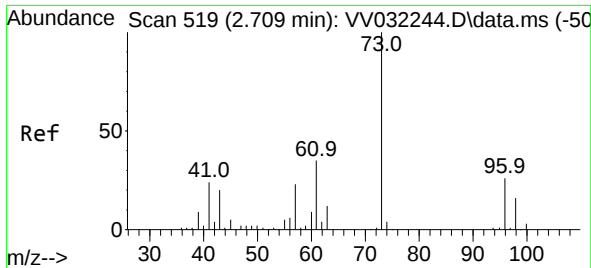
Tgt Ion: 43 Resp: 14094
Ion Ratio Lower Upper
43 100
74 24.8 18.0 27.0



#16
Methylene chloride
Concen: 4.447 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 84 Resp: 39046
Ion Ratio Lower Upper
84 100
86 63.4 43.2 80.2
49 126.5 86.3 160.3

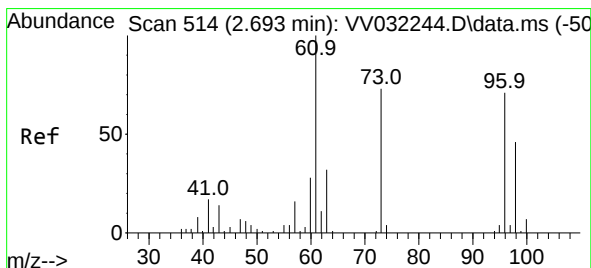
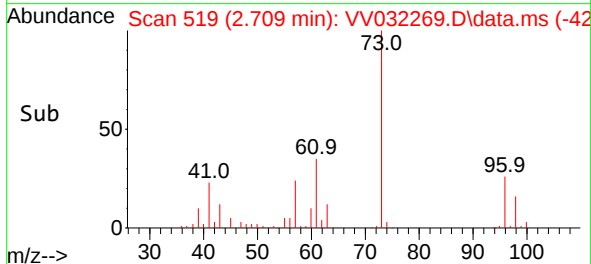
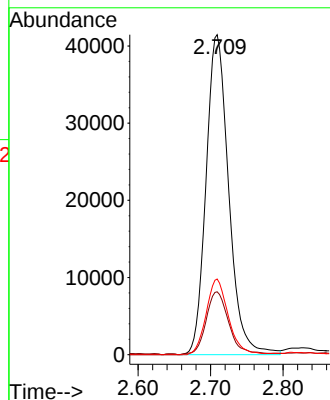
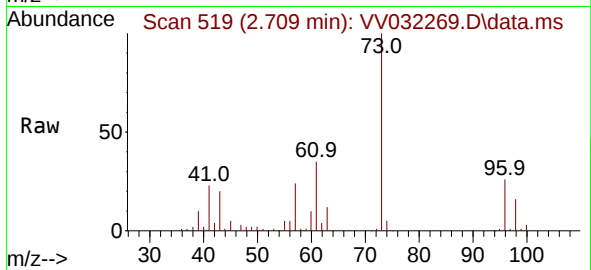




#17
Methyl tert-butyl Ether
Concen: 4.916 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

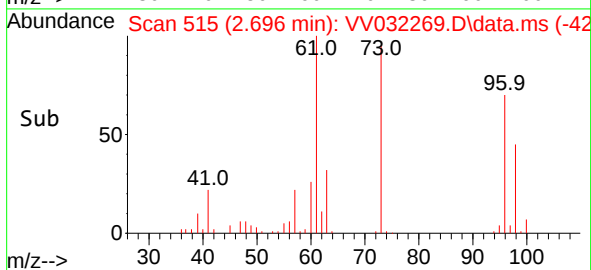
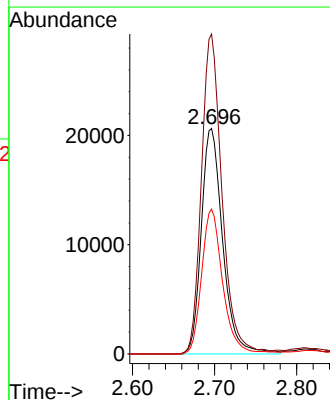
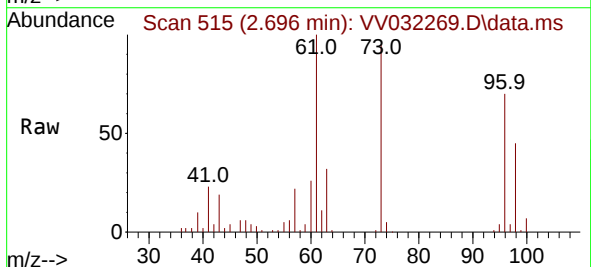
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

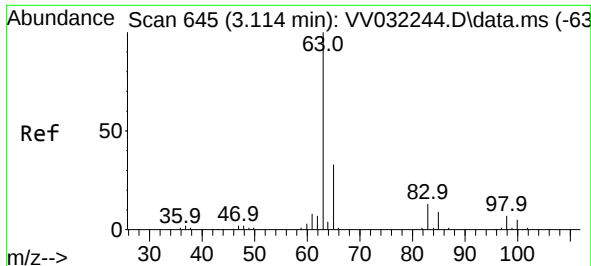
Tgt Ion: 73	Resp: 90127
Ion Ratio	Lower Upper
73 100	
43 19.8	15.1 22.7
57 23.0	18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.839 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 96	Resp: 37326
Ion Ratio	Lower Upper
96 100	
61 142.0	96.9 180.1
98 64.3	45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.906 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

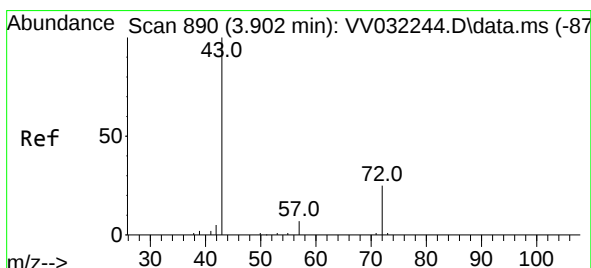
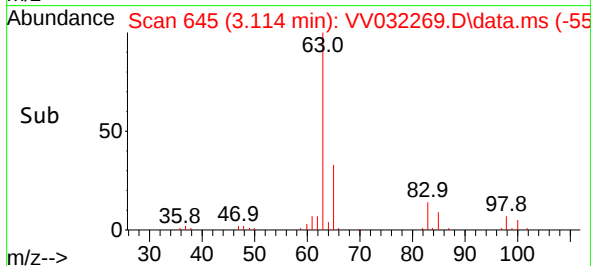
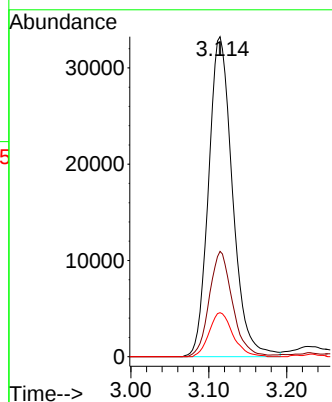
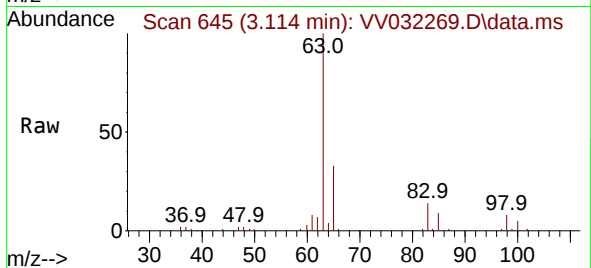
Tgt Ion: 63 Resp: 71197

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.5

83 13.8 9.0 16.6



#21

2-Butanone

Concen: 45.923 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.006 min

Lab File: VV032269.D

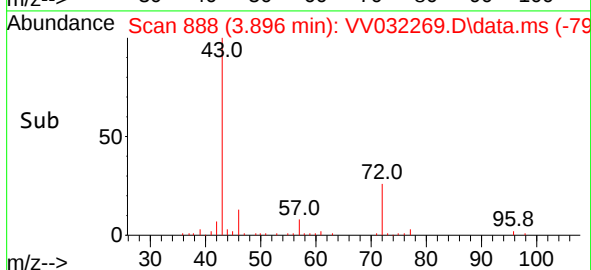
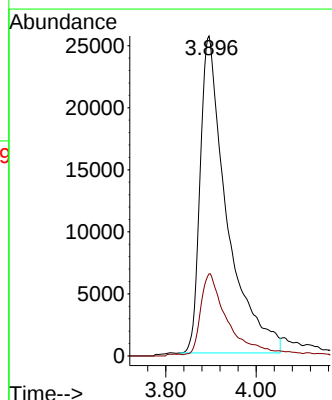
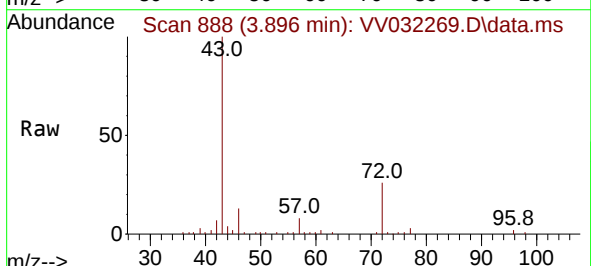
Acq: 05 Oct 2023 20:39

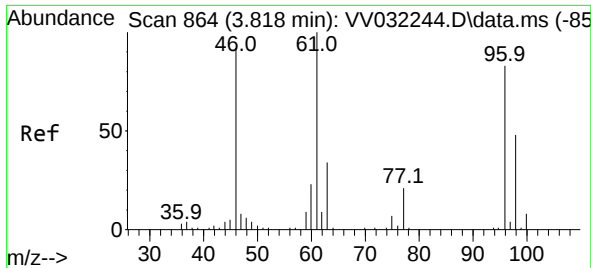
Tgt Ion: 43 Resp: 104572

Ion Ratio Lower Upper

43 100

72 25.1 11.6 34.8

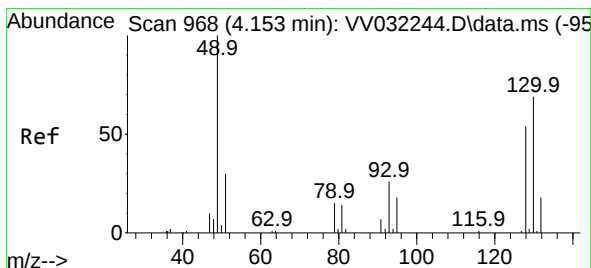
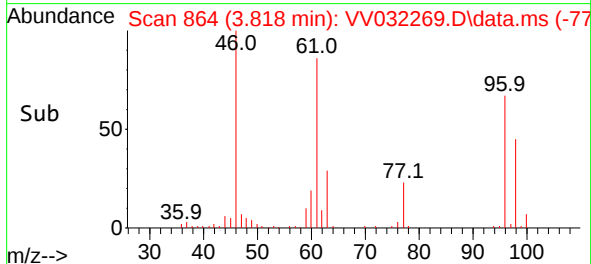
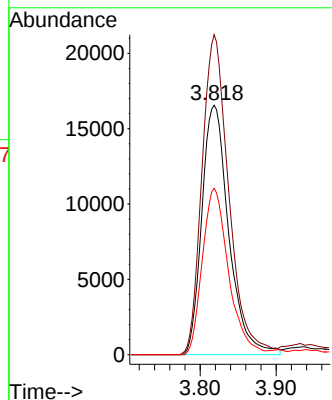
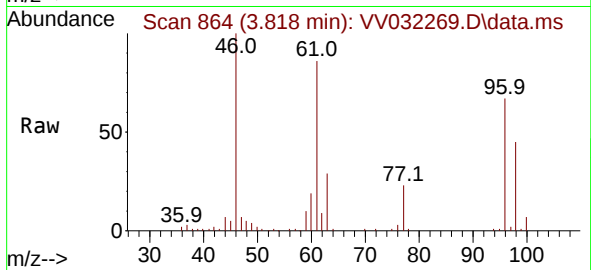




#22
 cis-1,2-Dichloroethene
 Concen: 4.907 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

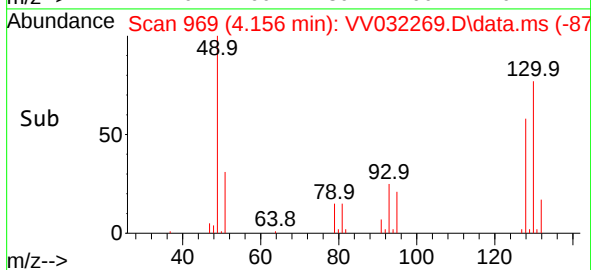
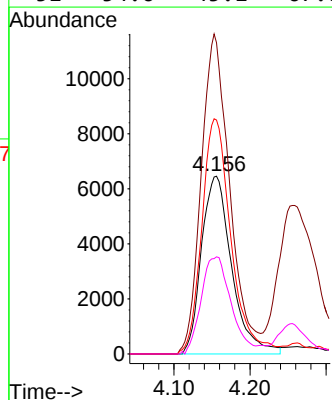
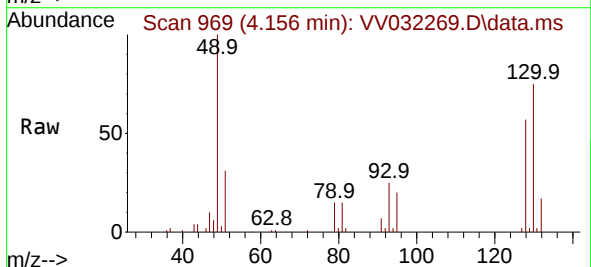
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJR7MSD

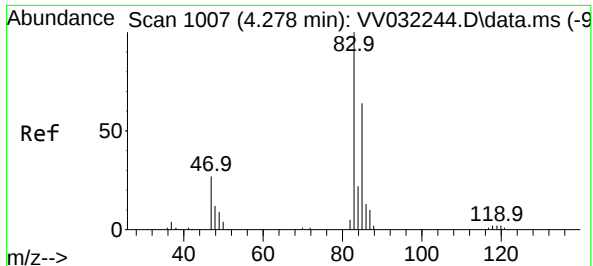
Tgt Ion: 96 Resp: 40760
 Ion Ratio Lower Upper
 96 100
 61 128.3 85.8 159.4
 98 66.7 44.0 81.6



#23
 Bromochloromethane
 Concen: 5.102 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 128 Resp: 17829
 Ion Ratio Lower Upper
 128 100
 49 175.0 121.2 225.0
 130 131.6 88.2 163.8
 51 54.6 45.1 67.7





#25

Chloroform

Concen: 5.448 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

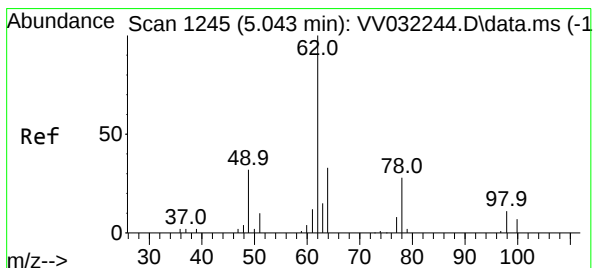
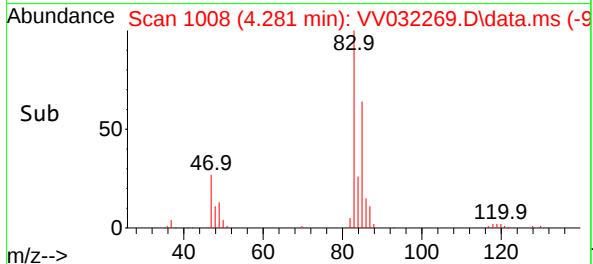
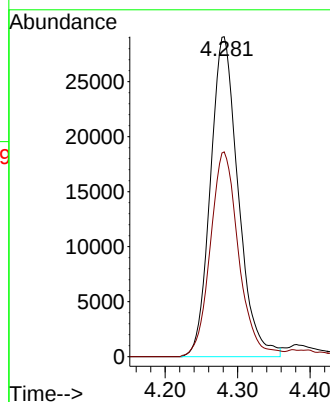
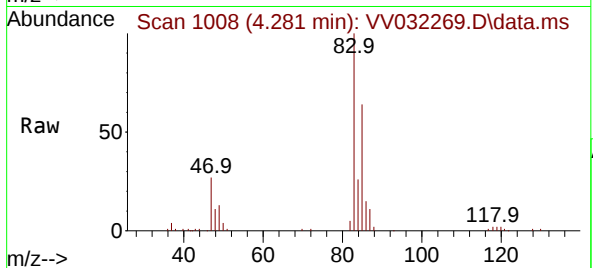
DCJR7MSD

Tgt Ion: 83 Resp: 77567

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.908 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032269.D

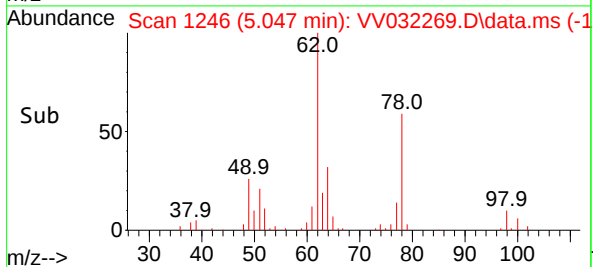
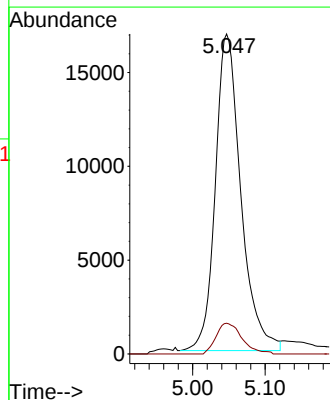
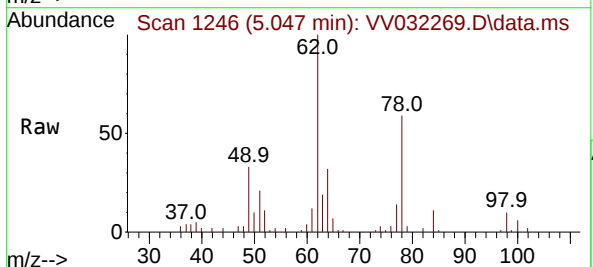
Acq: 05 Oct 2023 20:39

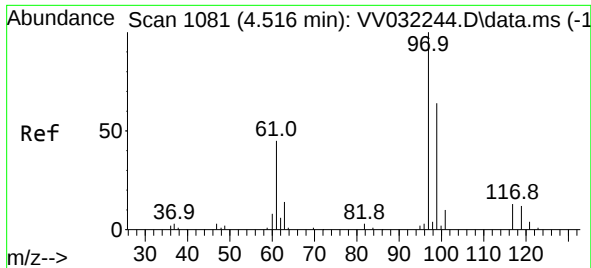
Tgt Ion: 62 Resp: 41283

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.621 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

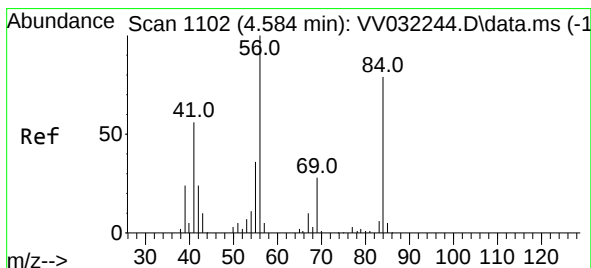
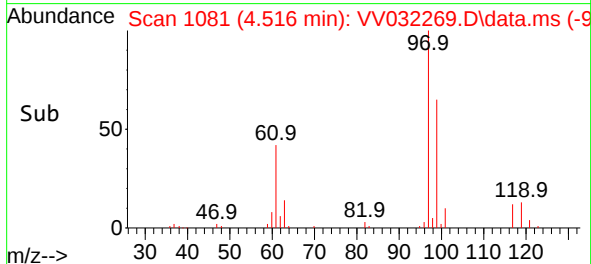
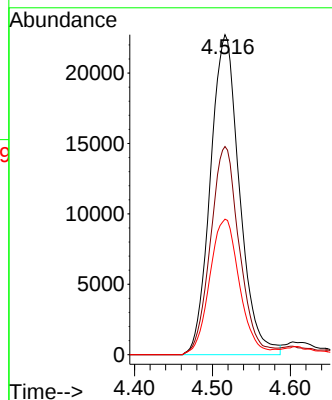
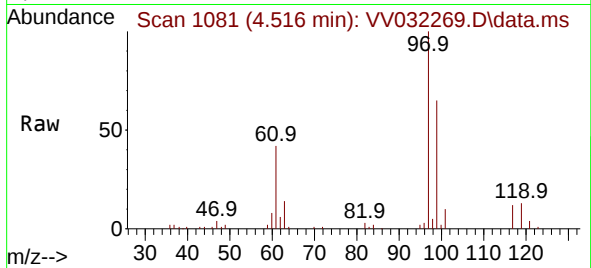
Tgt Ion: 97 Resp: 58928

Ion Ratio Lower Upper

97 100

99 64.7 50.1 75.1

61 43.4 35.1 52.7



#30

Cyclohexane

Concen: 4.202 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

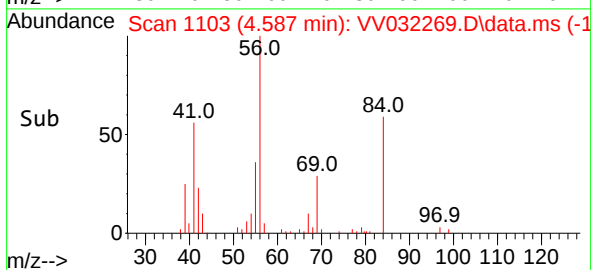
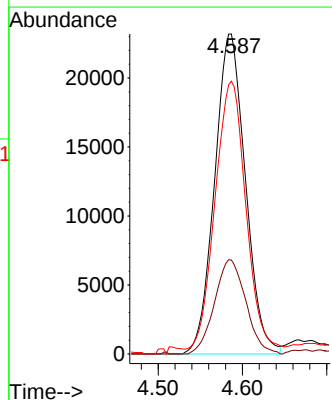
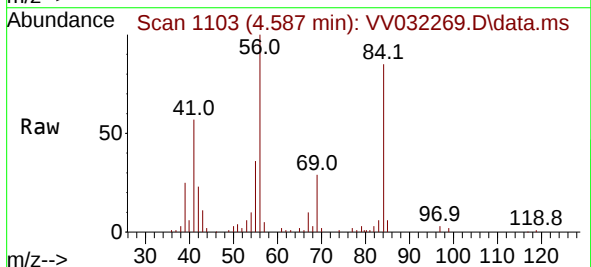
Tgt Ion: 56 Resp: 58888

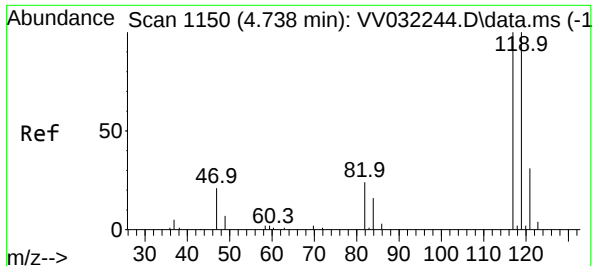
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 84.4 68.1 102.1

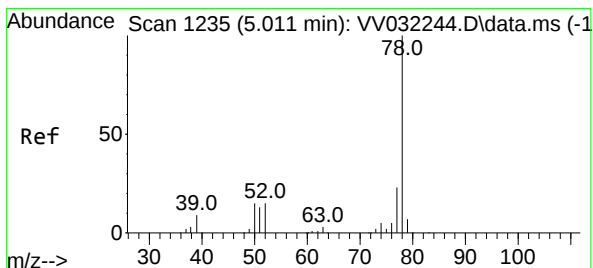
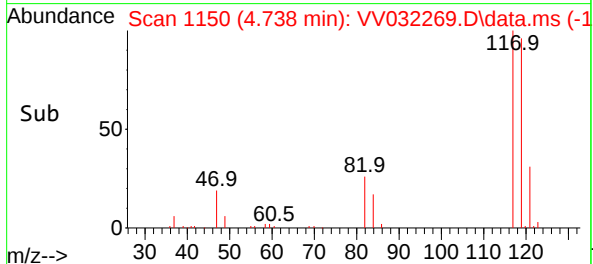
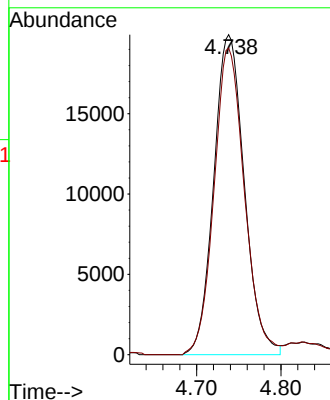
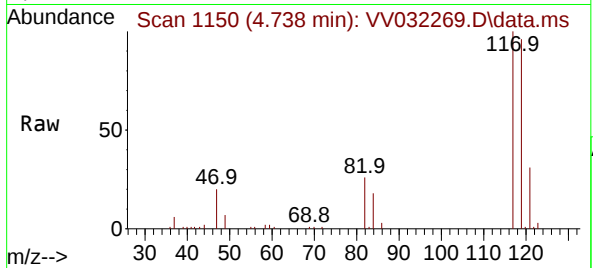




#31
Carbon tetrachloride
Concen: 4.644 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

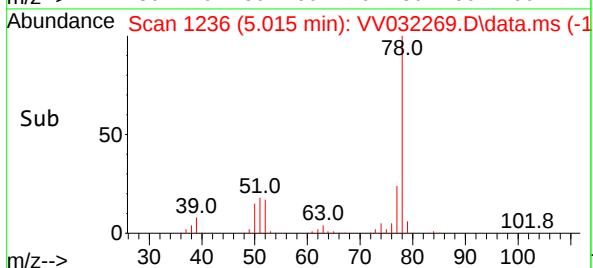
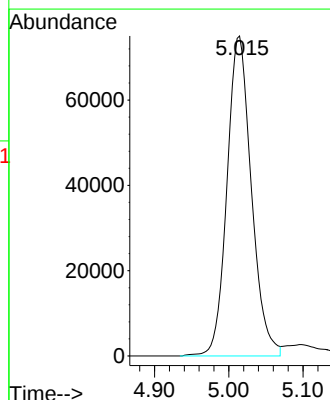
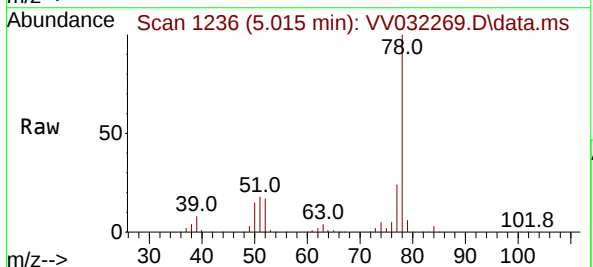
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

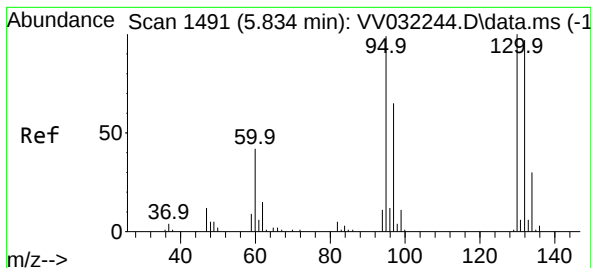
Tgt Ion:117 Resp: 50107
Ion Ratio Lower Upper
117 100
119 95.3 77.6 116.4



#33
Benzene
Concen: 5.186 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 78 Resp: 171264





#34

Trichloroethene

Concen: 142.234 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

Tgt Ion: 95 Resp: 1282216

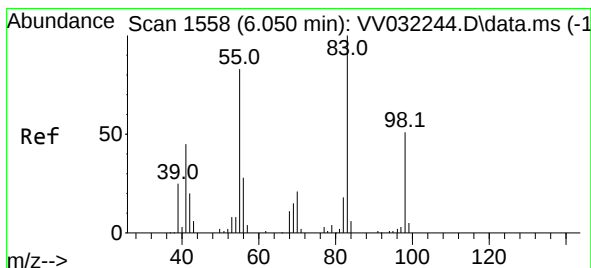
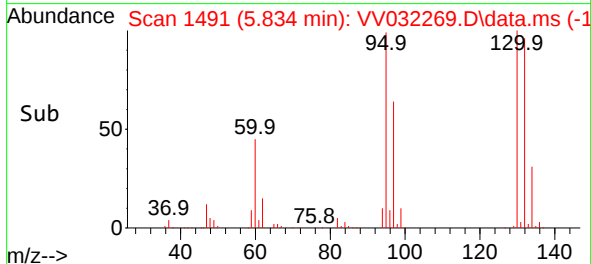
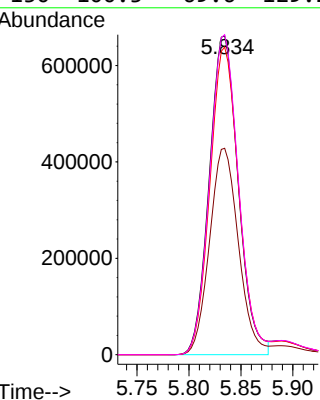
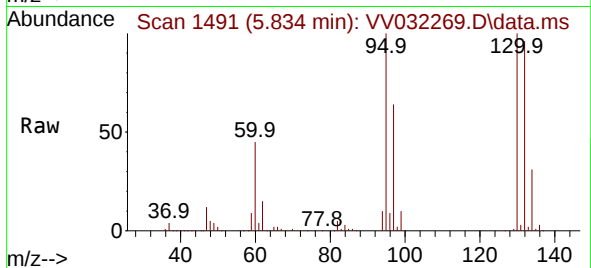
Ion Ratio Lower Upper

95 100

97 64.7 45.7 84.9

132 96.5 70.3 130.5

130 100.3 69.6 129.2



#35

Methylcyclohexane

Concen: 4.578 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

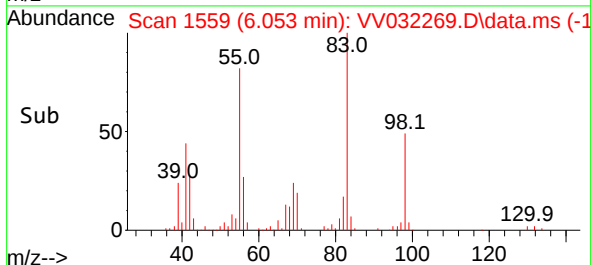
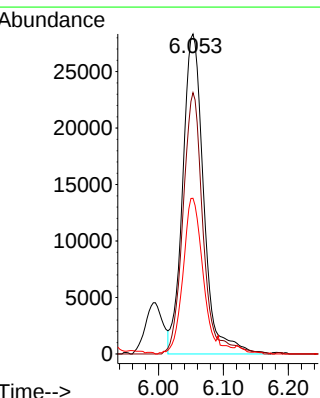
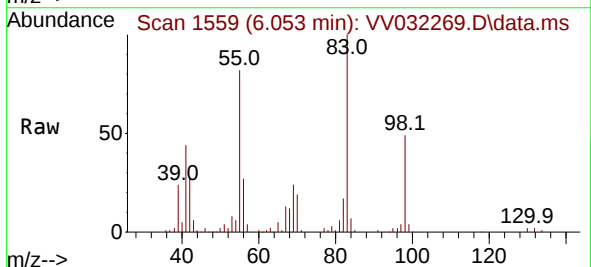
Tgt Ion: 83 Resp: 63872

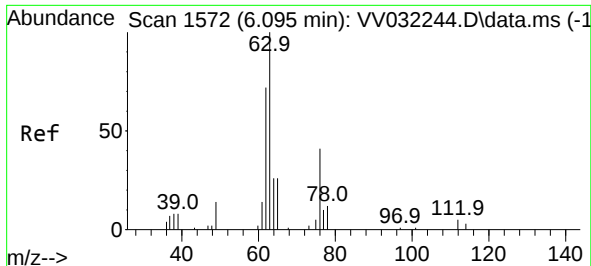
Ion Ratio Lower Upper

83 100

55 78.3 64.2 96.2

98 47.1 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.823 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

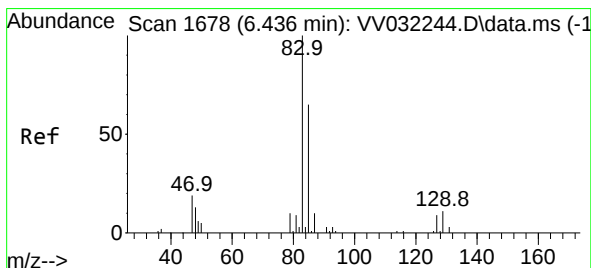
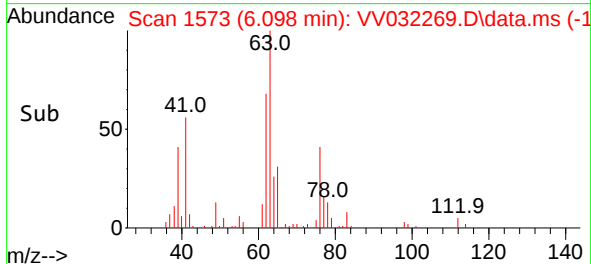
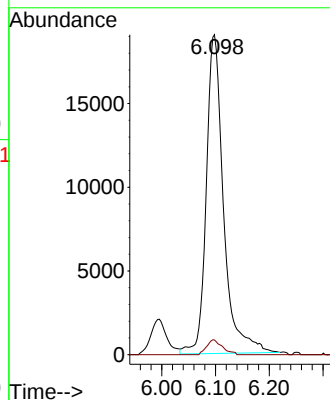
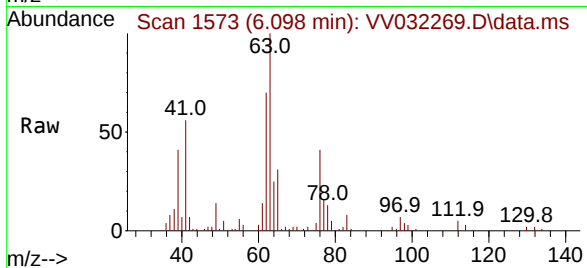
DCJR7MSD

Tgt Ion: 63 Resp: 42593

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 4.879 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

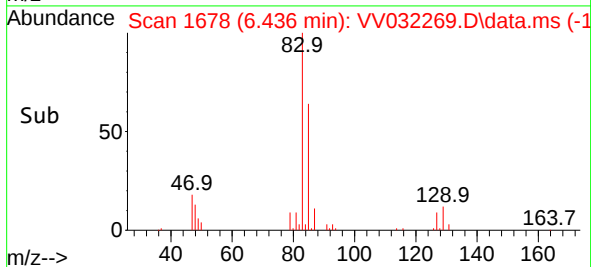
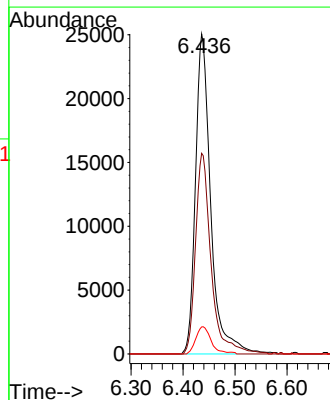
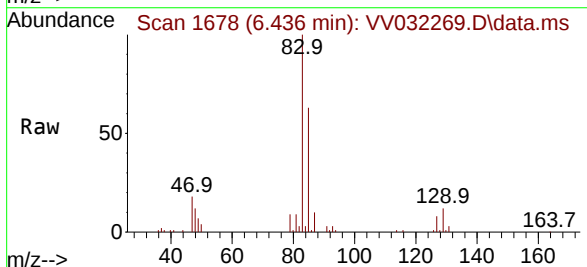
Tgt Ion: 83 Resp: 51194

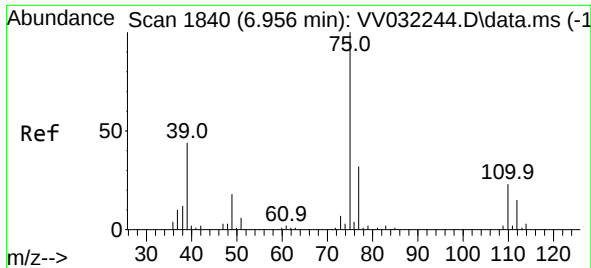
Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.3

127 8.4 6.9 10.3

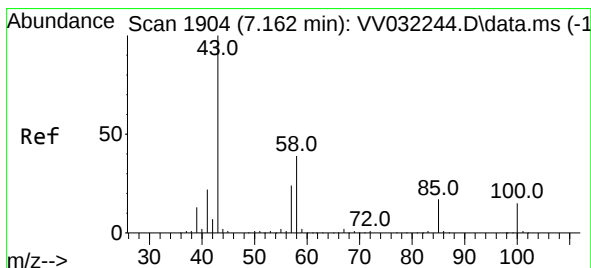
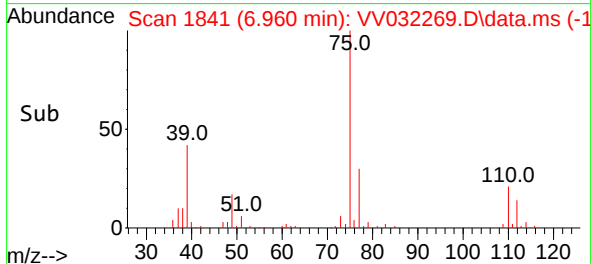
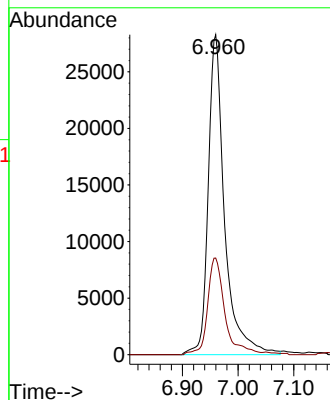
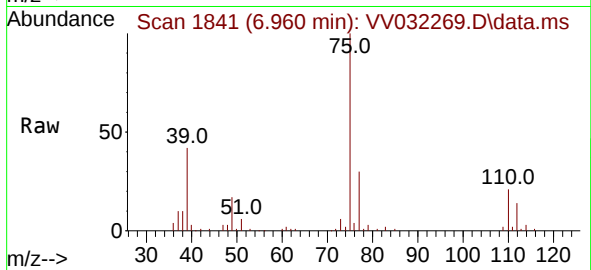




#39
 cis-1,3-Dichloropropene
 Concen: 4.590 ug/L
 RT: 6.960 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

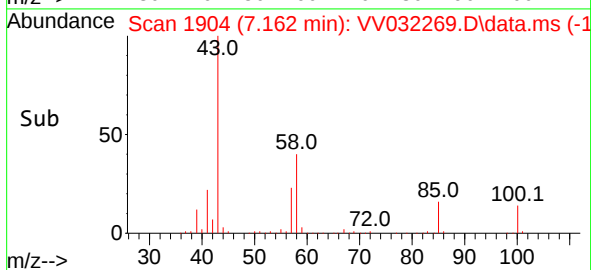
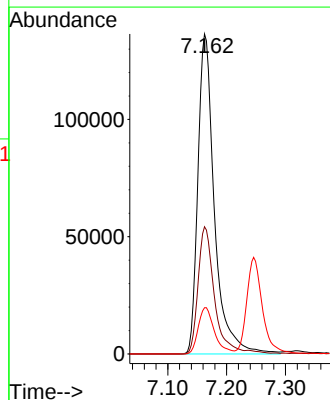
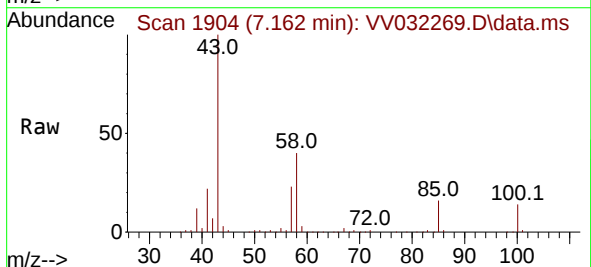
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJR7MSD

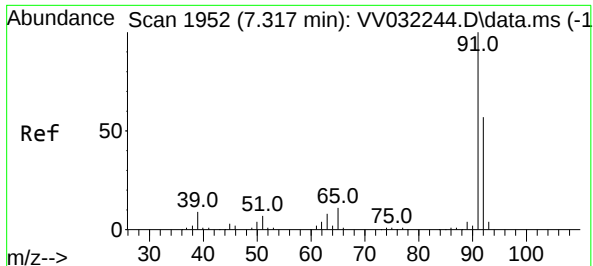
Tgt Ion: 75 Resp: 57688
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 47.612 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

Tgt Ion: 43 Resp: 266090
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.9 47.9
 100 14.3 11.3 16.9





#42

Toluene

Concen: 5.153 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

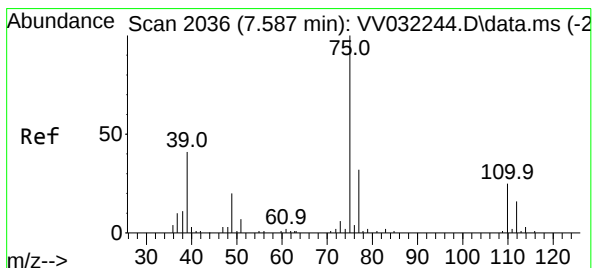
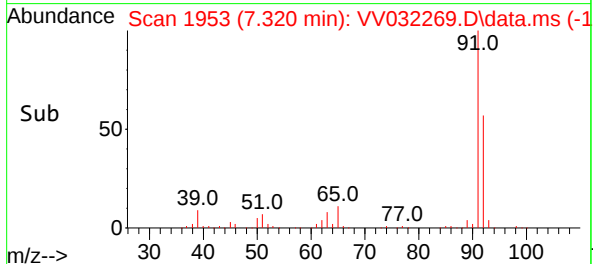
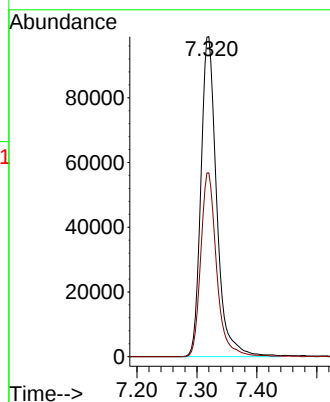
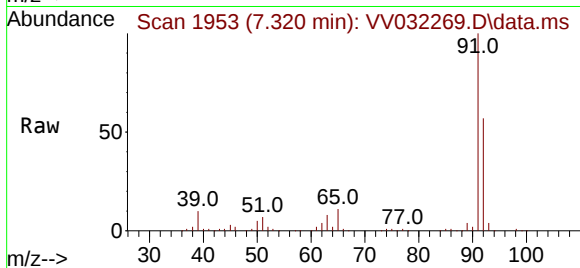
DCJR7MSD

Tgt Ion: 91 Resp: 181406

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.513 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032269.D

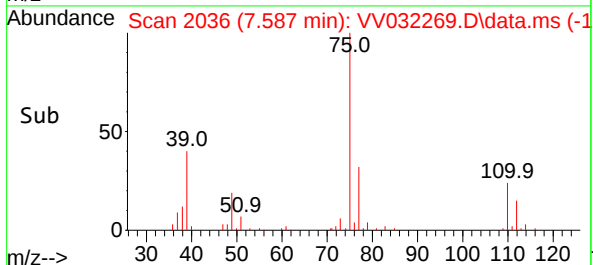
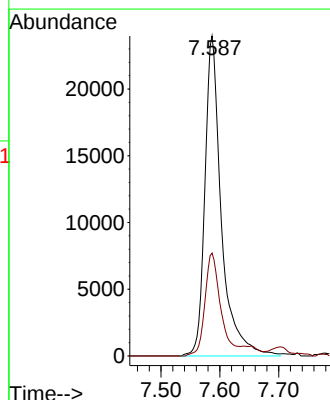
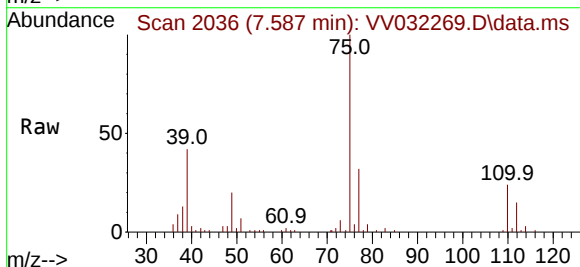
Acq: 05 Oct 2023 20:39

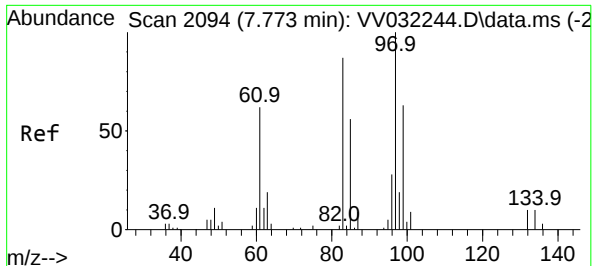
Tgt Ion: 75 Resp: 46613

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



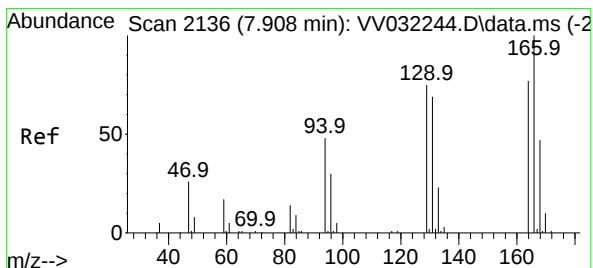
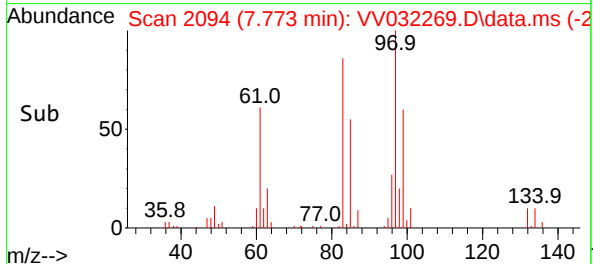
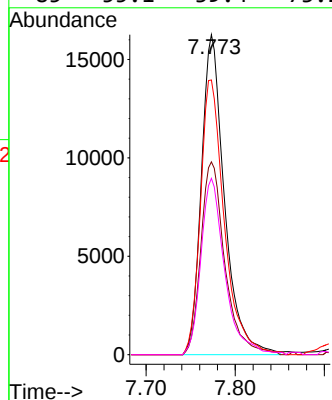
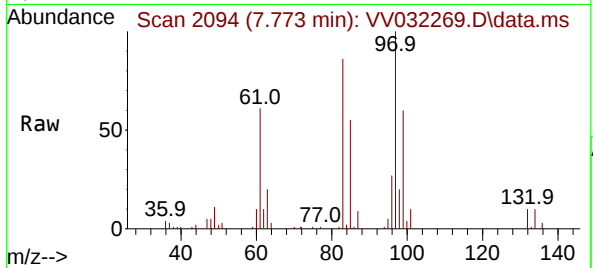


#45
1,1,2-Trichloroethane
Concen: 4.707 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

Tgt Ion: 97 Resp: 29322

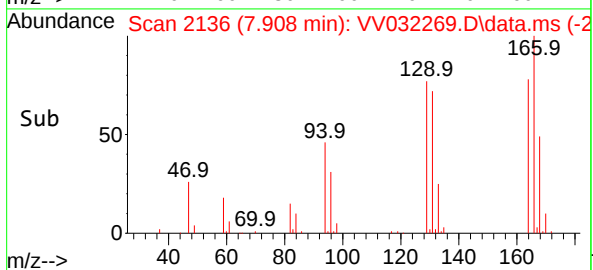
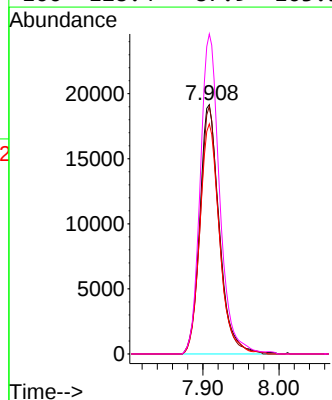
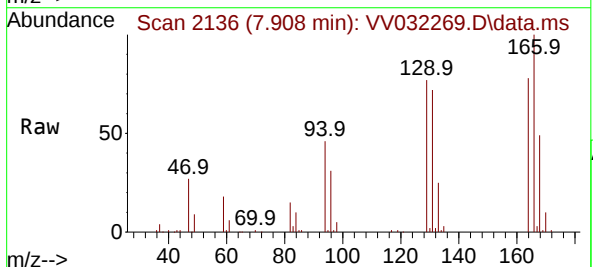
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.8	79.4
83	85.8	60.9	113.1
85	55.1	39.4	73.2

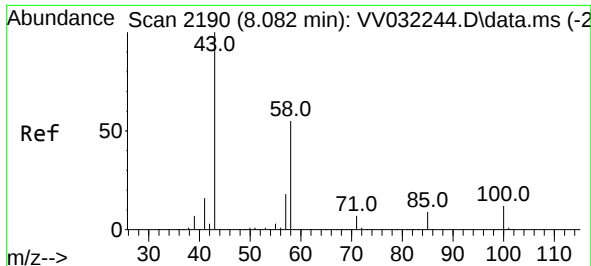


#47
Tetrachloroethene
Concen: 5.010 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 164 Resp: 34250

Ion	Ratio	Lower	Upper
164	100		
129	99.4	66.4	123.4
131	92.4	63.7	118.3
166	128.4	87.9	163.3



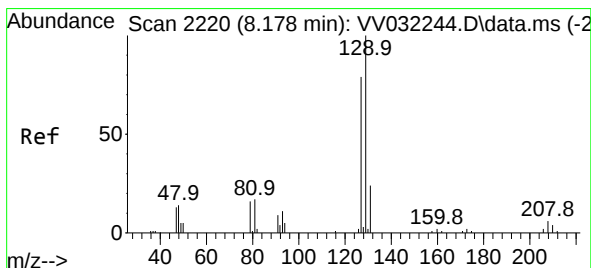
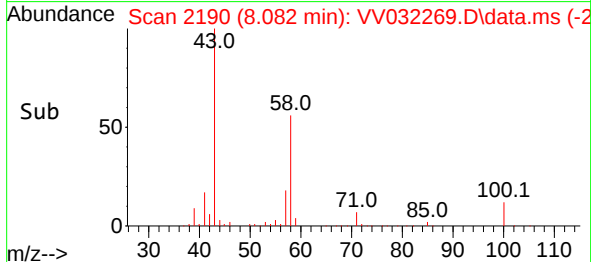
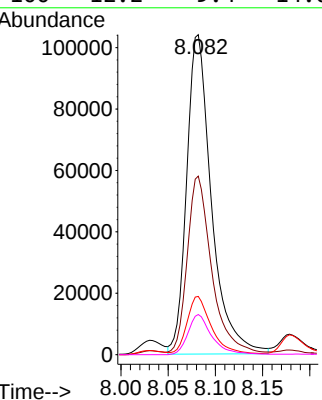
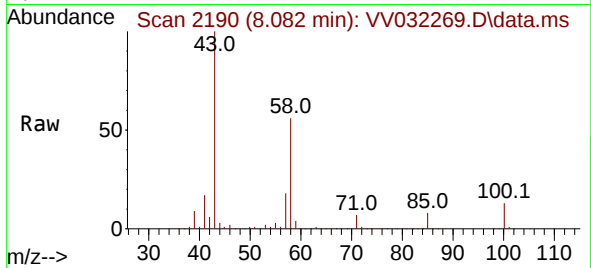


#48
2-Hexanone
Concen: 48.236 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

Tgt Ion: 43 Resp: 190202

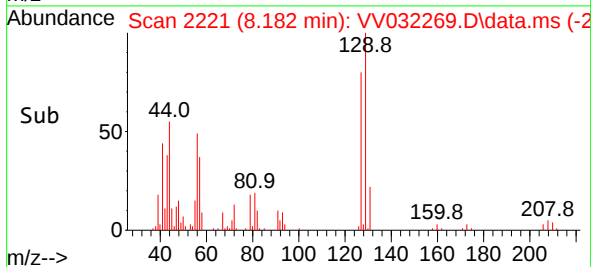
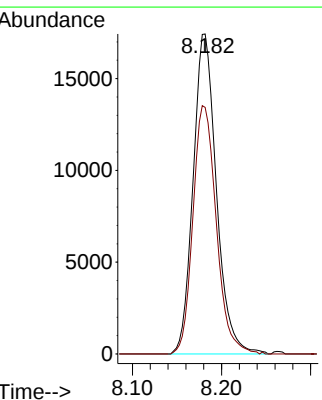
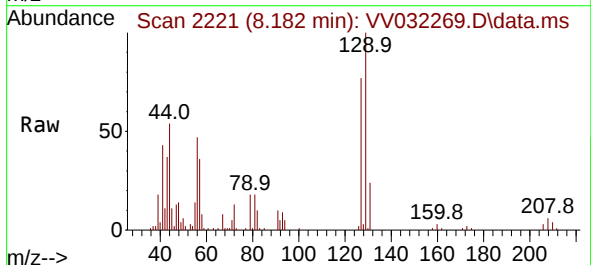
Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.6	65.4
57	18.2	14.6	22.0
100	12.2	9.4	14.0

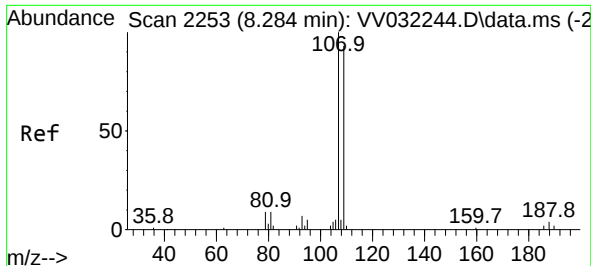


#49
Dibromochloromethane
Concen: 4.889 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 129 Resp: 31713

Ion	Ratio	Lower	Upper
129	100		
127	77.1	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.730 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

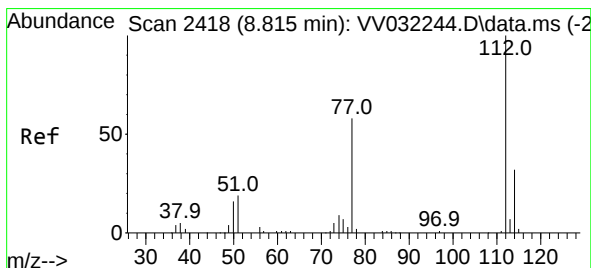
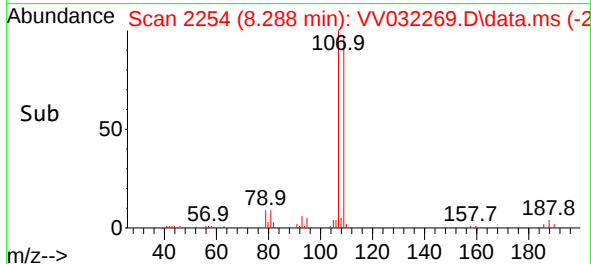
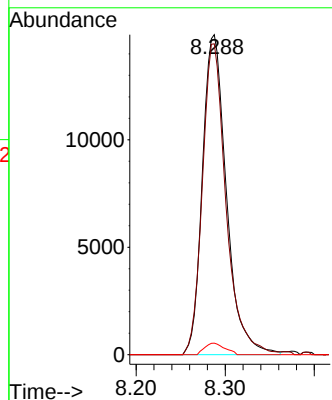
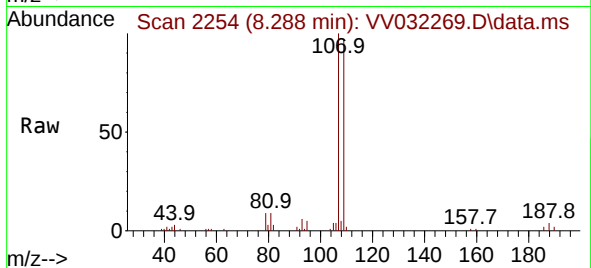
Tgt Ion:107 Resp: 27874

Ion Ratio Lower Upper

107 100

109 97.1 68.4 127.0

188 3.6 3.2 4.8



#51

Chlorobenzene

Concen: 4.669 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

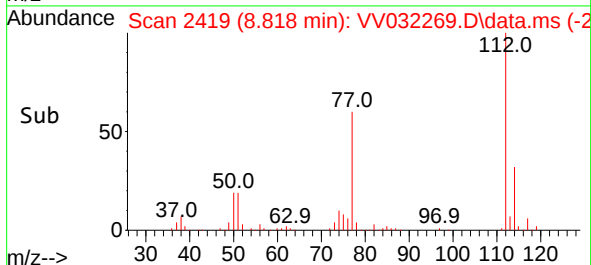
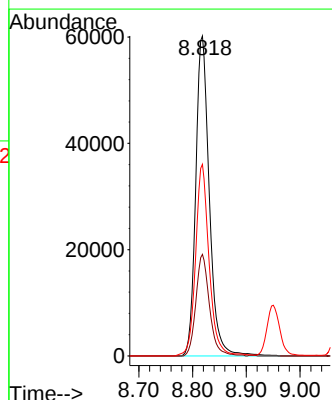
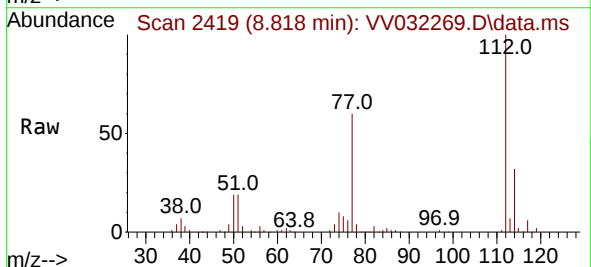
Tgt Ion:112 Resp: 105832

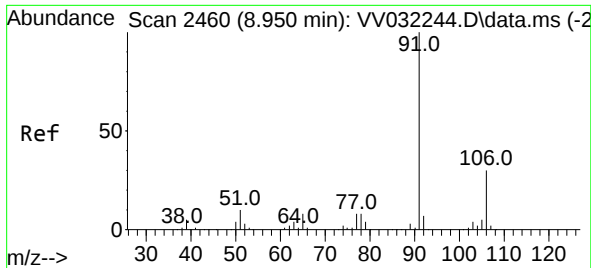
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 59.9 46.1 69.1

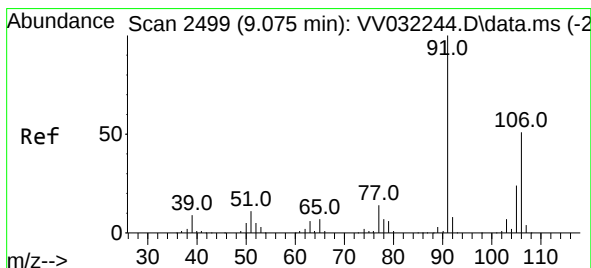
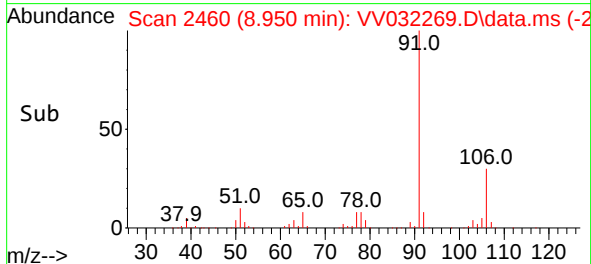
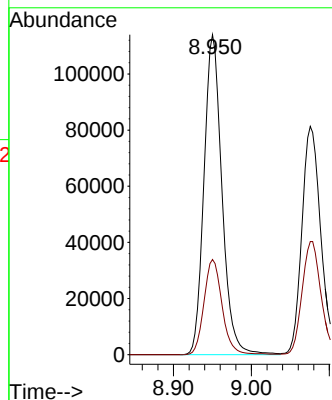
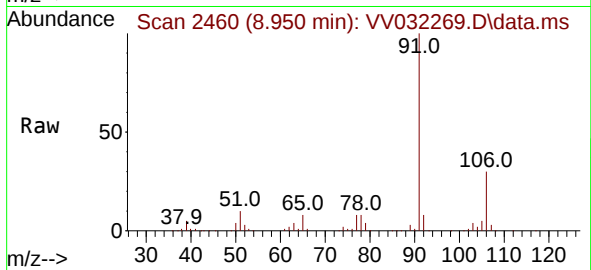




#52
Ethylbenzene
Concen: 4.659 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

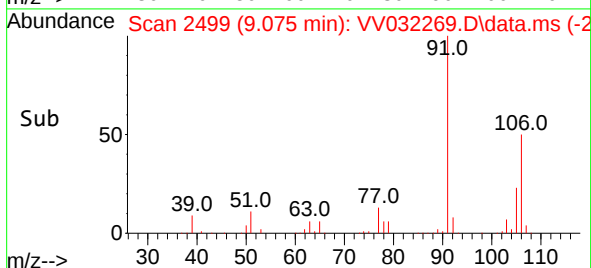
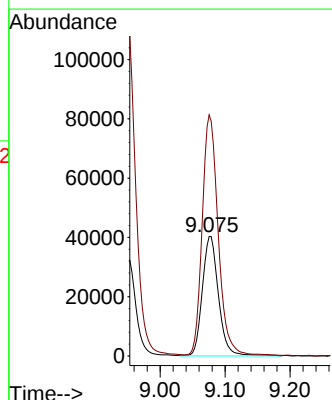
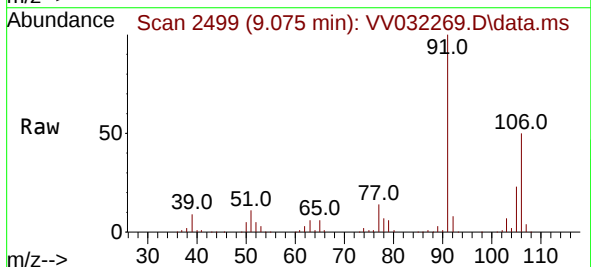
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

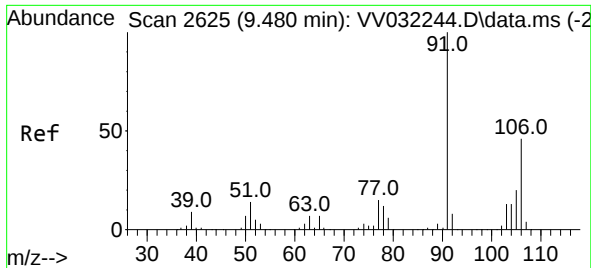
Tgt Ion: 91 Resp: 182626
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 4.794 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 106 Resp: 69696
Ion Ratio Lower Upper
106 100
91 201.7 144.5 268.3

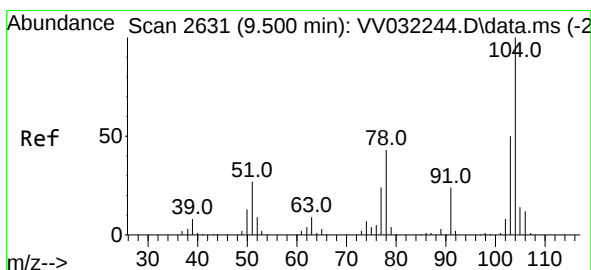
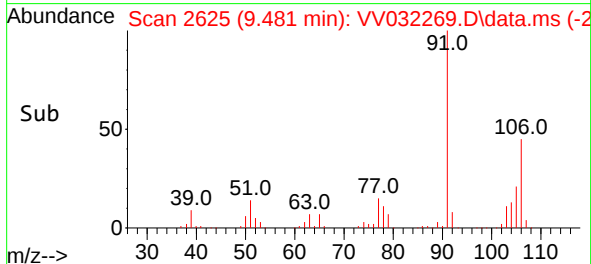
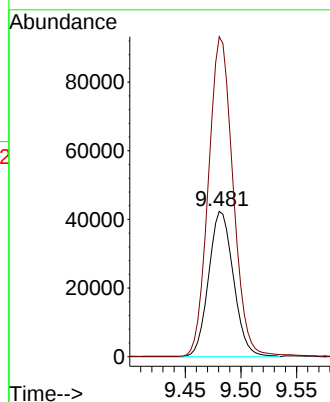
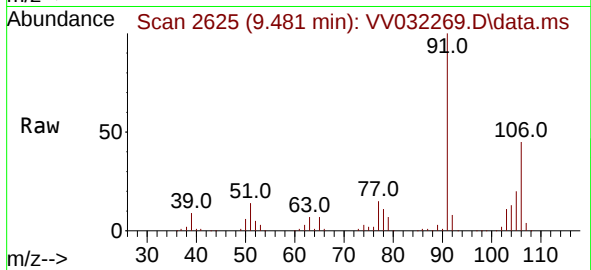




#54
o-Xylene
Concen: 4.682 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

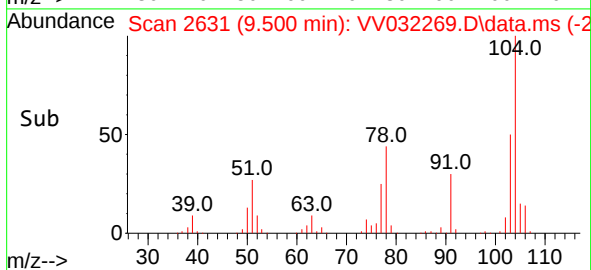
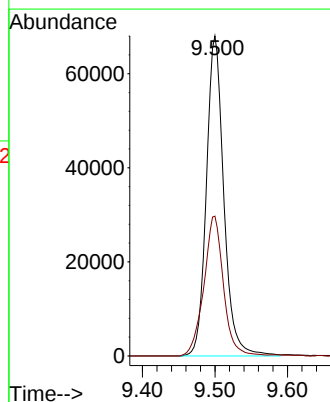
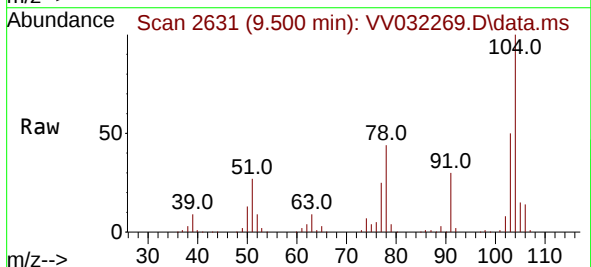
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

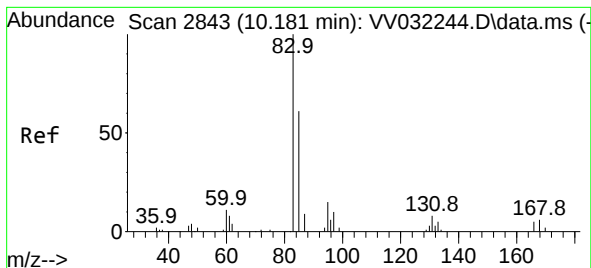
Tgt Ion:106 Resp: 65586
Ion Ratio Lower Upper
106 100
91 220.1 154.8 287.4



#55
Styrene
Concen: 4.807 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion:104 Resp: 113723
Ion Ratio Lower Upper
104 100
78 43.7 29.9 55.5

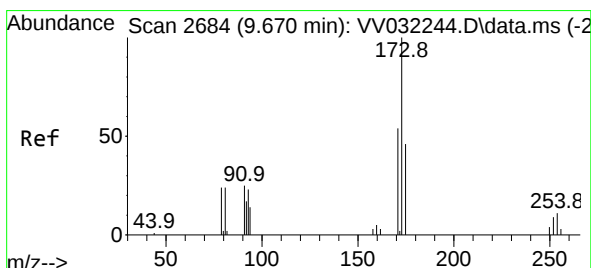
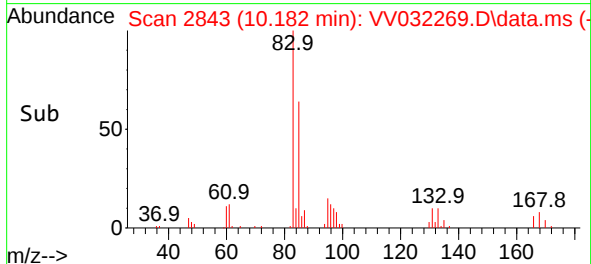
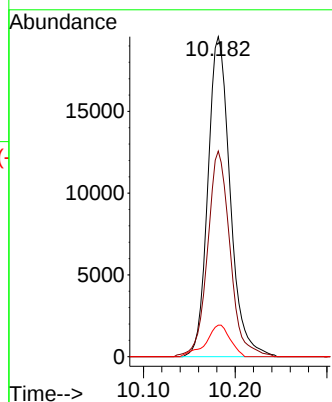
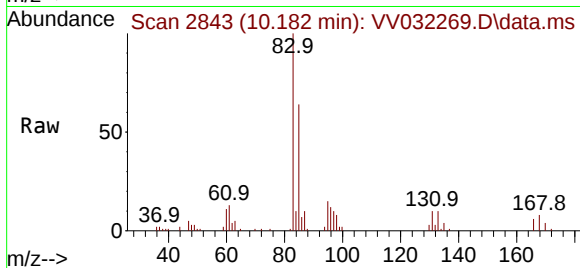




#57
1,1,2,2-Tetrachloroethane
Concen: 4.807 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

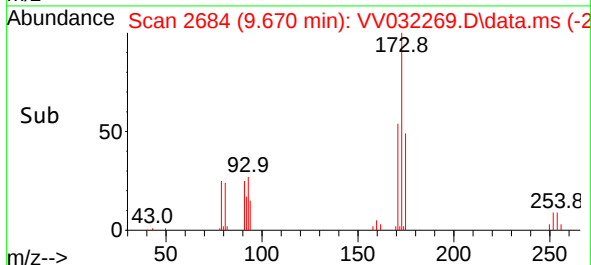
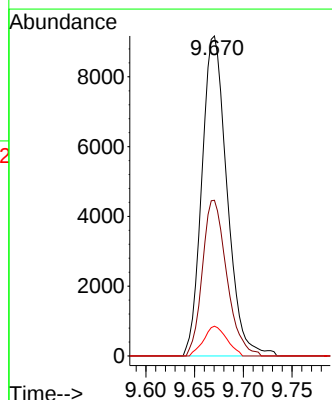
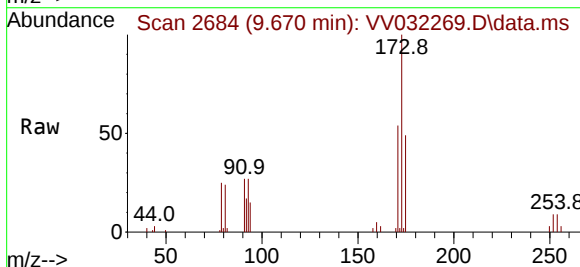
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

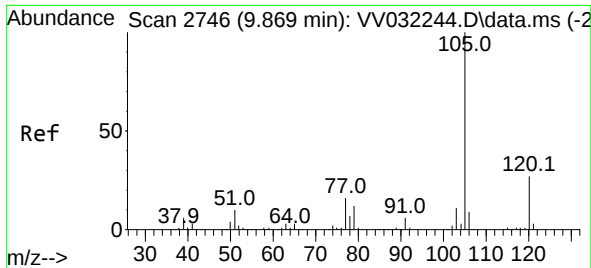
Tgt Ion: 83 Resp: 32952
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
131 9.9 7.0 10.6



#59
Bromoform
Concen: 4.543 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 173 Resp: 16443
Ion Ratio Lower Upper
173 100
175 47.1 38.2 57.2
254 8.6 7.0 10.4

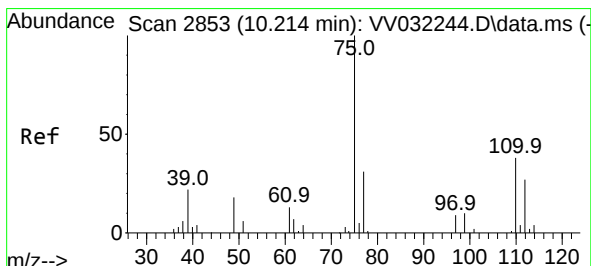
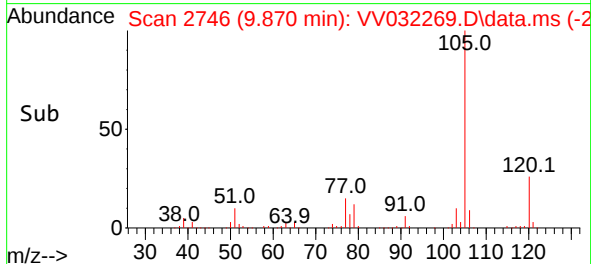
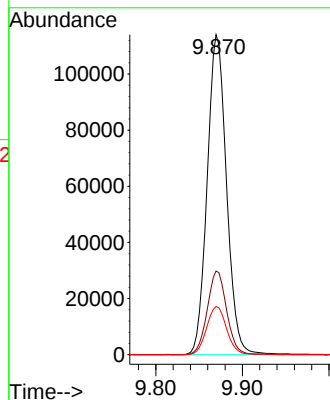
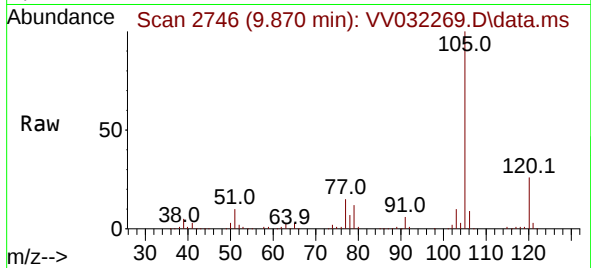




#60
Isopropylbenzene
Concen: 4.569 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

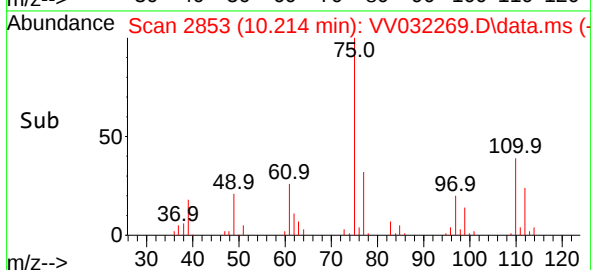
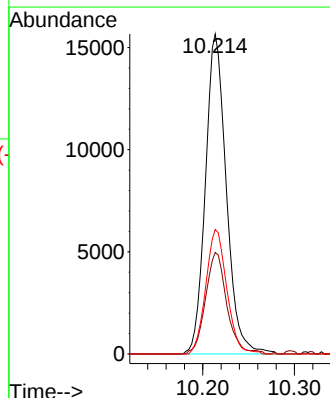
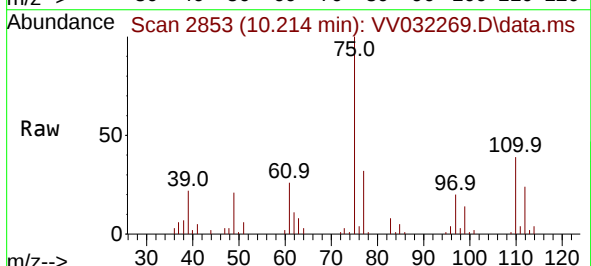
Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

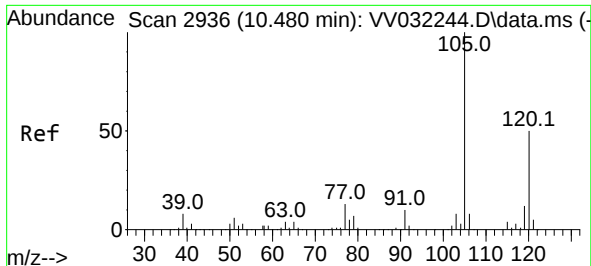
Tgt Ion:105 Resp: 176754
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.679 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion: 75 Resp: 24789
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 39.0 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.427 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

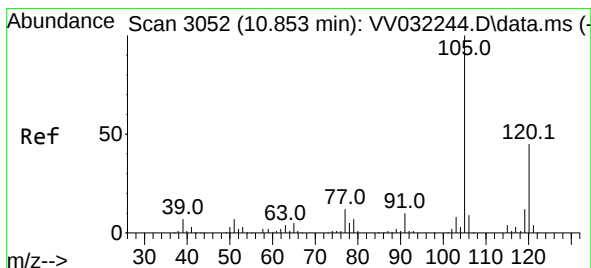
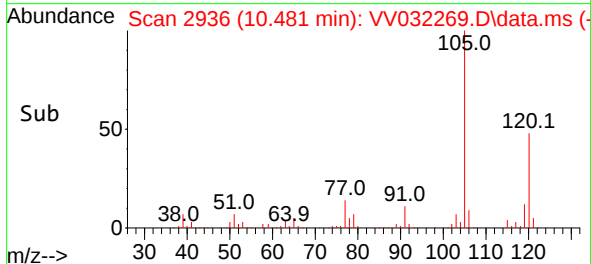
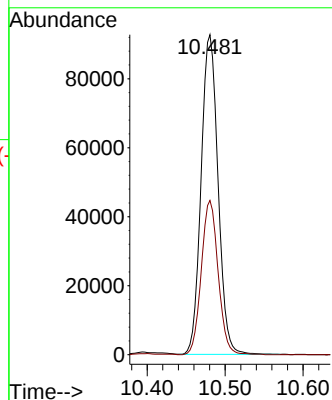
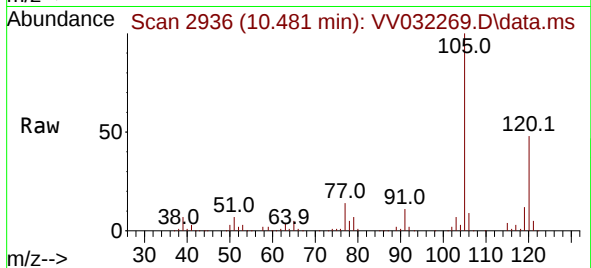
DCJR7MSD

Tgt Ion:105 Resp: 139594

Ion Ratio Lower Upper

105 100

120 48.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.521 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032269.D

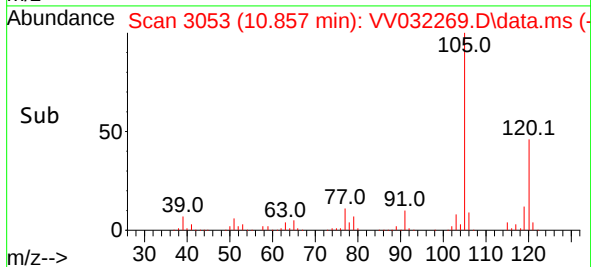
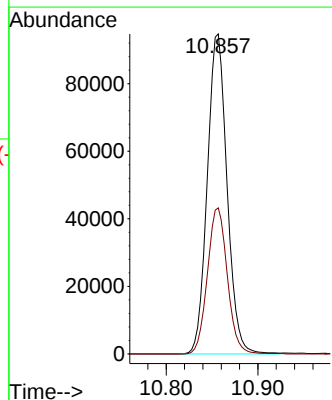
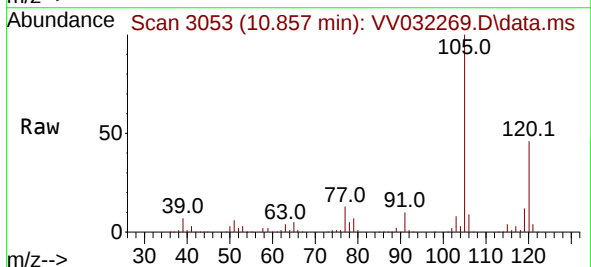
Acq: 05 Oct 2023 20:39

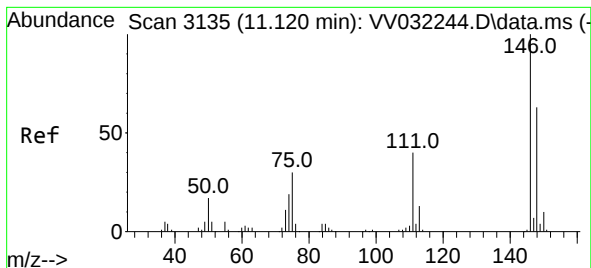
Tgt Ion:105 Resp: 141923

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 4.583 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

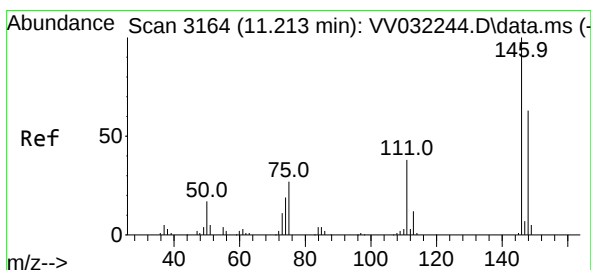
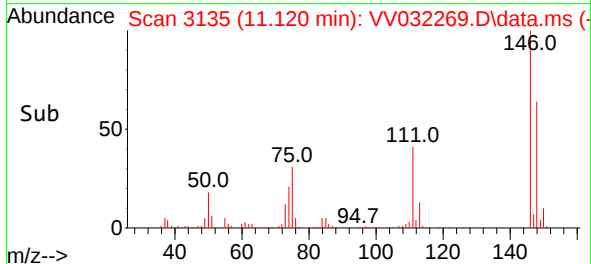
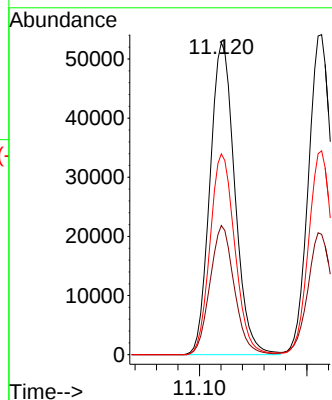
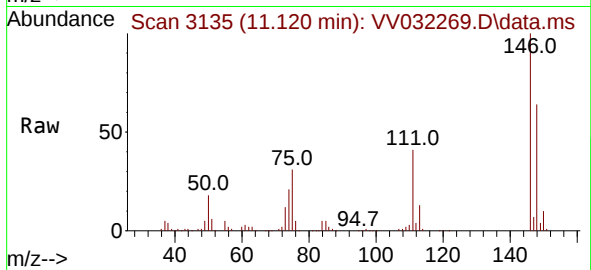
Tgt Ion:146 Resp: 84698

Ion Ratio Lower Upper

146 100

111 41.4 27.8 51.6

148 64.4 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.605 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

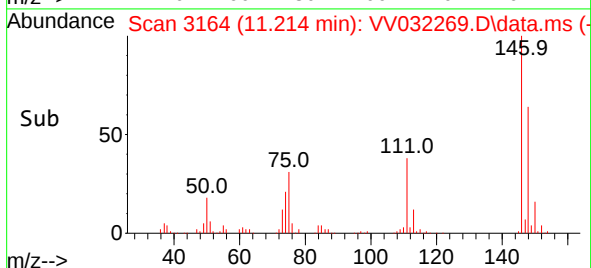
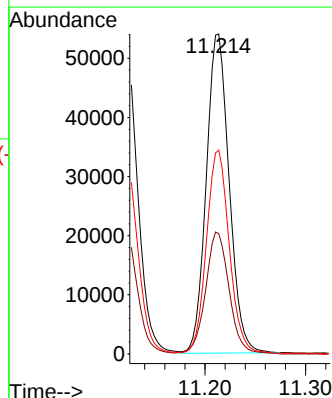
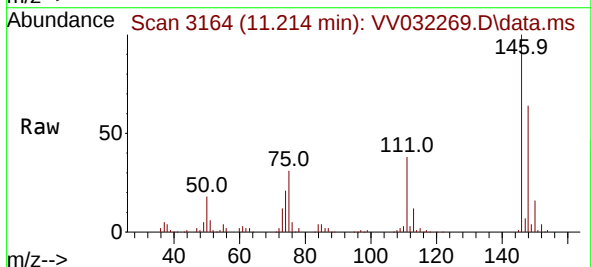
Tgt Ion:146 Resp: 85378

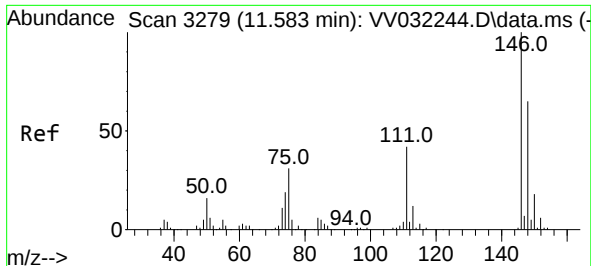
Ion Ratio Lower Upper

146 100

111 37.6 26.9 49.9

148 63.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.652 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

Instrument :

MSVOA_V

ClientSampleId :

DCJR7MSD

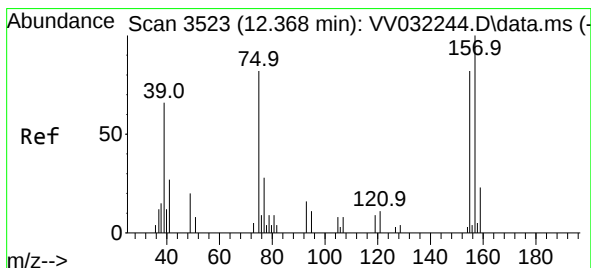
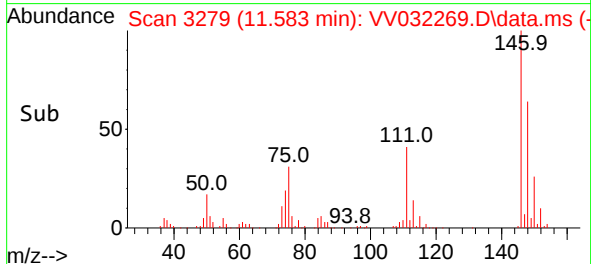
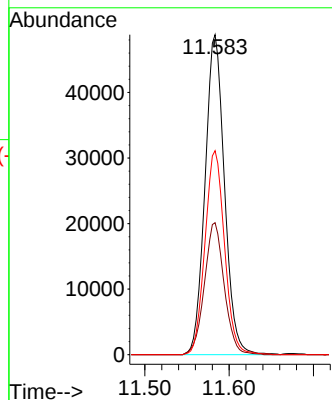
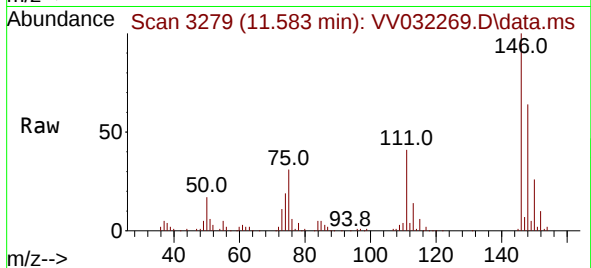
Tgt Ion:146 Resp: 78417

Ion Ratio Lower Upper

146 100

111 41.2 32.8 49.2

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.678 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.003 min

Lab File: VV032269.D

Acq: 05 Oct 2023 20:39

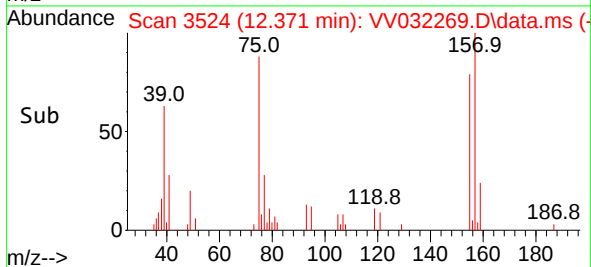
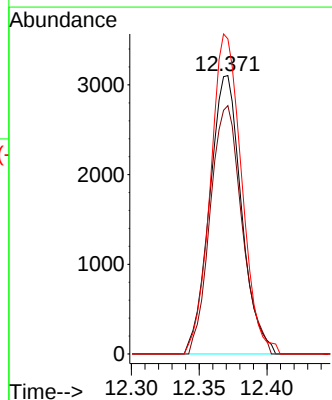
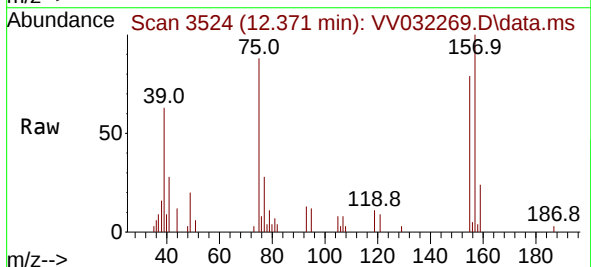
Tgt Ion: 75 Resp: 5064

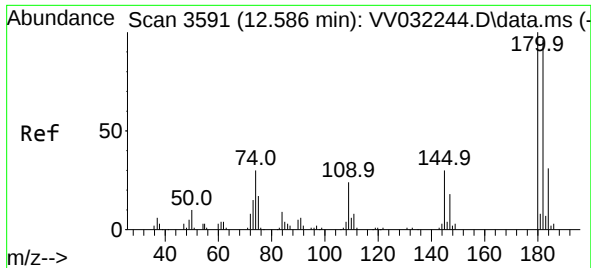
Ion Ratio Lower Upper

75 100

155 89.1 70.2 105.4

157 113.1 90.6 135.8

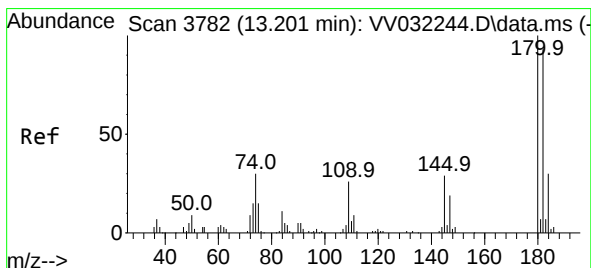
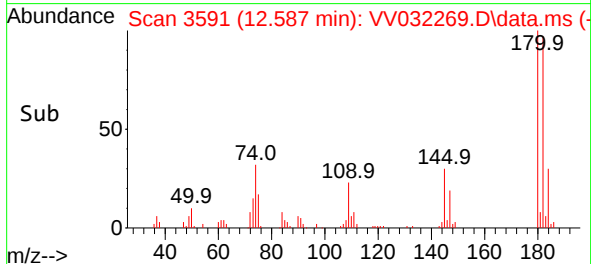
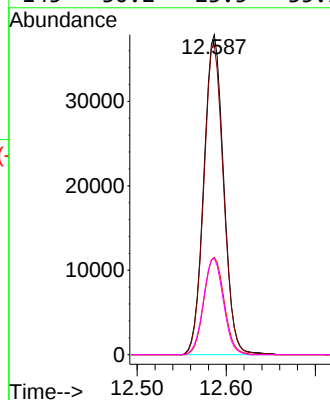
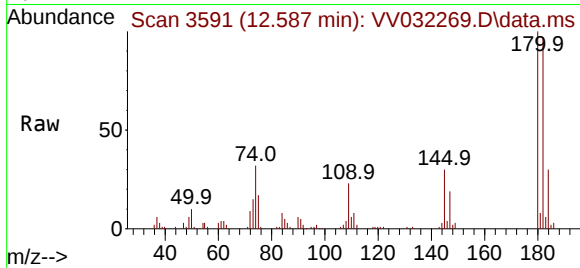




#69
 1,3,5-Trichlorobenzene
 Concen: 4.333 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

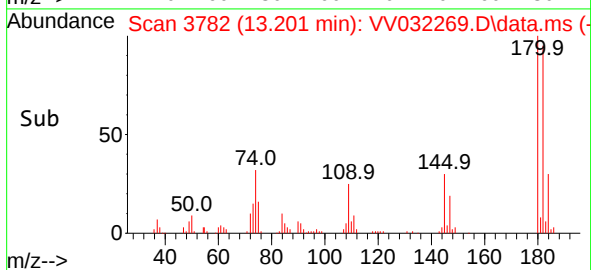
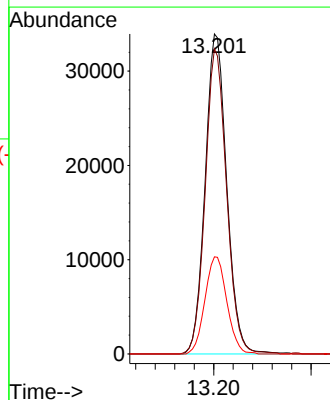
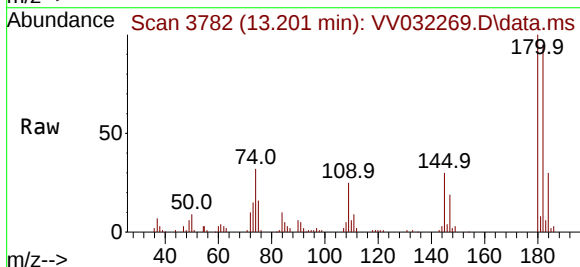
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJR7MSD

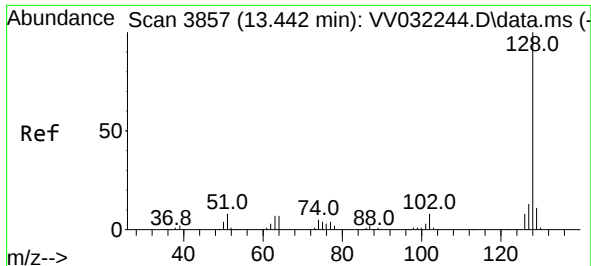
Tgt Ion:180	Resp:	58647
Ion Ratio	Lower	Upper
180	100	
182	96.2	74.6 112.0
184	30.9	24.1 36.1
145	30.2	23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.348 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032269.D
 Acq: 05 Oct 2023 20:39

Tgt Ion:180	Resp:	52192
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.5 114.7
145	30.8	24.3 36.5

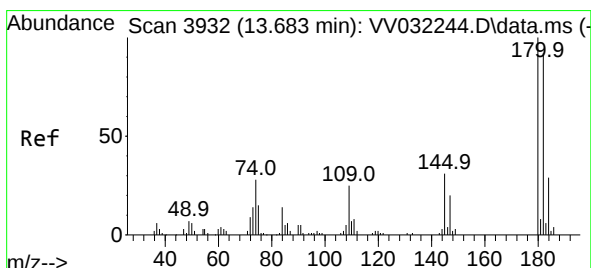
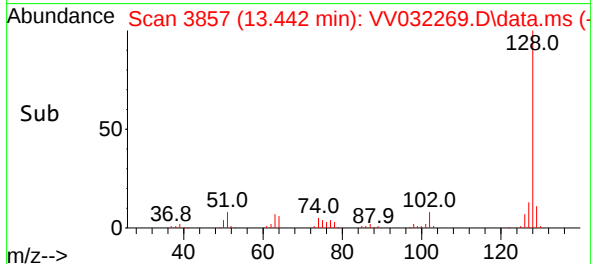
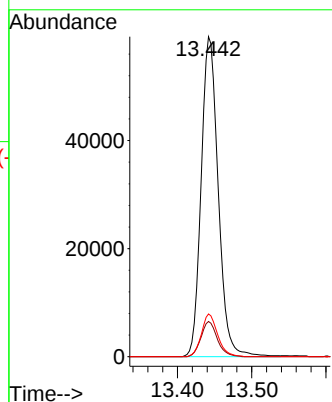
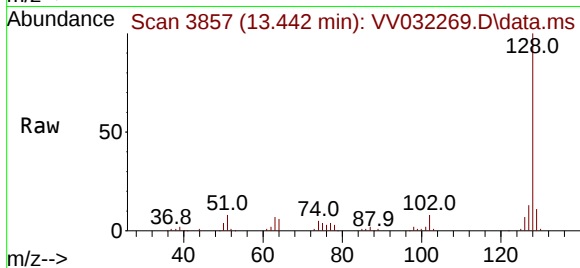




#71
Naphthalene
Concen: 4.645 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Instrument :
MSVOA_V
ClientSampleId :
DCJR7MSD

Tgt Ion:128	Resp:	94720
Ion Ratio	Lower	Upper
128	100	
129	10.5	9.0 13.4
127	12.7	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.576 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032269.D
Acq: 05 Oct 2023 20:39

Tgt Ion:180	Resp:	47335
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.0 115.4
145	32.1	25.7 38.5

