

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032403.D
 Acq On : 11 Oct 2023 19:09
 Operator : SY/MD
 Sample : 04826-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MS

Quant Time: Oct 12 03:07:56 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	108409	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36088	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.532	69	31437	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.060	65	14665	3.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.802	46	96160	43.114	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.220%
24) Chloroform-d	4.253	84	72780	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	33537	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.963	84	126750	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	5.992	67	41769	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.246	98	124854	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.558	79	16283	4.044	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.027	63	85085	44.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35167	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	47402	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62130	5.143	ug/L	99
3) Chloromethane	1.217	50	62896	5.165	ug/L	99
5) Vinyl chloride	1.282	62	59916	5.158	ug/L	99
6) Bromomethane	1.487	94	34161	4.869	ug/L	96
8) Chloroethane	1.548	64	36818	5.265	ug/L	99
9) Trichlorofluoromethane	1.716	101	73292	5.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44775	5.305	ug/L	99
12) 1,1-Dichloroethene	2.069	96	41083	5.167	ug/L	91
13) Acetone	2.130	43	80815	47.012	ug/L	97
14) Carbon disulfide	2.243	76	126376	4.547	ug/L	100
15) Methyl Acetate	2.384	43	17468	4.514	ug/L	98
16) Methylene chloride	2.449	84	48062	4.637	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	101072	4.670	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	43922	4.823	ug/L	97
19) 1,1-Dichloroethane	3.114	63	85716	5.004	ug/L	99
21) 2-Butanone	3.883	43	117628	43.757	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	49010	4.998	ug/L	96
23) Bromochloromethane	4.150	128	20489	4.967	ug/L	98
25) Chloroform	4.278	83	162119	9.645	ug/L	98

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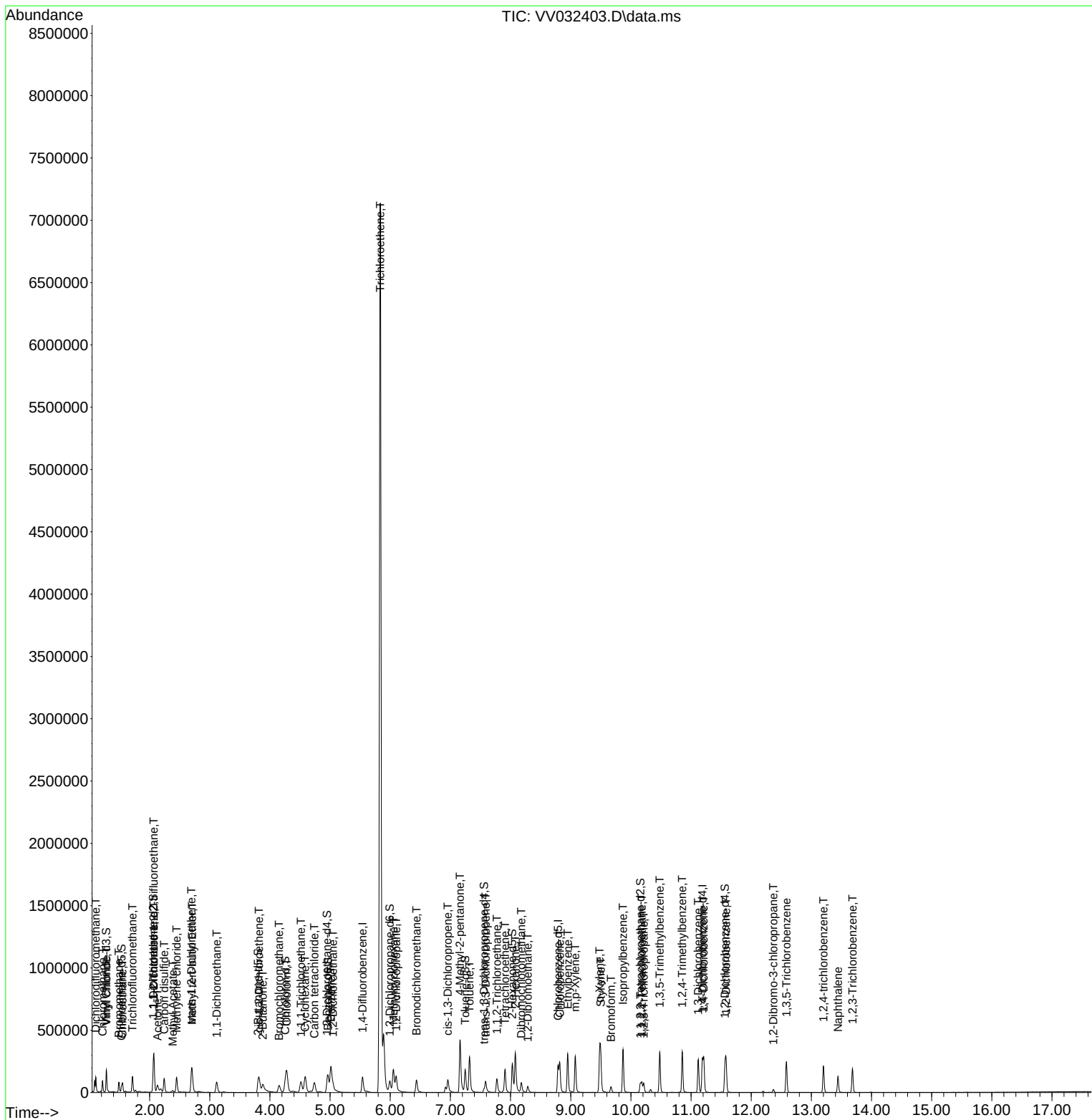
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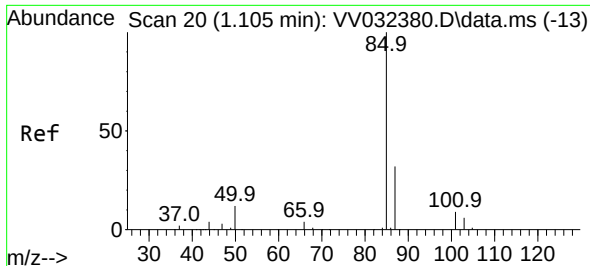
Quant Time: Oct 12 03:07:56 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51639	5.200	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	71916	4.538	ug/L	99
30) Cyclohexane	4.584	56	67830	3.895	ug/L	99
31) Carbon tetrachloride	4.738	117	60752	4.531	ug/L	98
33) Benzene	5.015	78	208995	5.093	ug/L	100
34) Trichloroethene	5.834	95	2477400	221.152	ug/L	98
35) Methylcyclohexane	6.053	83	79136	4.565	ug/L	94
37) 1,2-Dichloropropane	6.098	63	50577	4.609	ug/L	99
38) Bromodichloromethane	6.436	83	73724	5.654	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	67272	4.307	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	309642	44.586	ug/L	100
42) Toluene	7.317	91	218063	4.985	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	54747	4.265	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	36513	4.716	ug/L	99
47) Tetrachloroethene	7.908	164	42911	5.051	ug/L	99
48) 2-Hexanone	8.079	43	221649	45.235	ug/L	99
49) Dibromochloromethane	8.178	129	41013	5.089	ug/L	94
50) 1,2-Dibromoethane	8.284	107	33980	4.641	ug/L	97
51) Chlorobenzene	8.818	112	127917	4.542	ug/L	99
52) Ethylbenzene	8.950	91	219206	4.500	ug/L	100
53) m,p-Xylene	9.075	106	81193	4.494	ug/L	100
54) o-Xylene	9.481	106	78313	4.499	ug/L	99
55) Styrene	9.500	104	135875	4.622	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	41018	4.815	ug/L	96
59) Bromoform	9.670	173	21089	4.591	ug/L	98
60) Isopropylbenzene	9.870	105	215197	4.383	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	30228	4.496	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	168310	4.206	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	170465	4.279	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	104254	4.445	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	103882	4.415	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	96061	4.491	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6121	4.456	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	73051	4.253	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	60533	3.973	ug/L	99
71) Naphthalene	13.442	128	95143	3.676	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56057	4.270	ug/L	98

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

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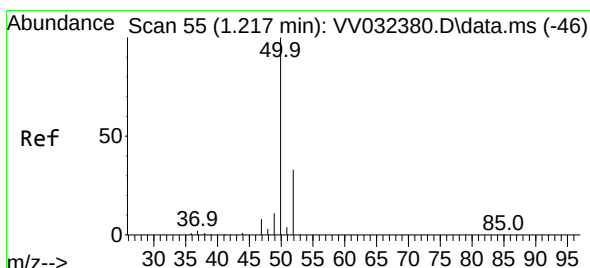
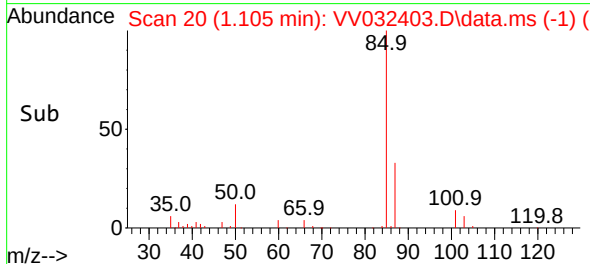
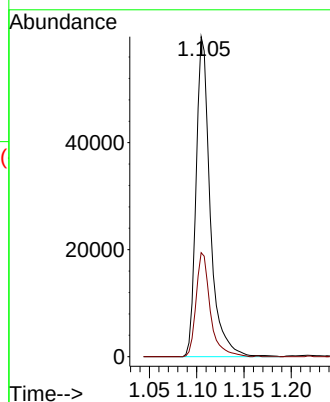
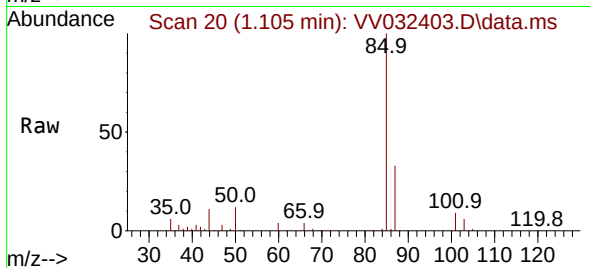




#2
 Dichlorodifluoromethane
 Concen: 5.143 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

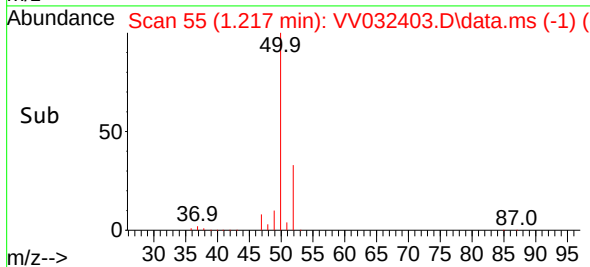
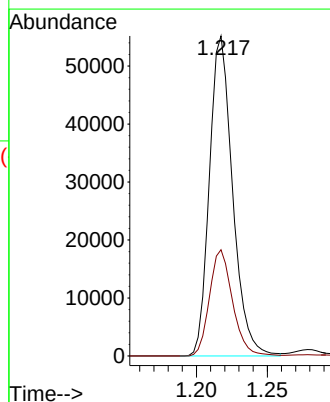
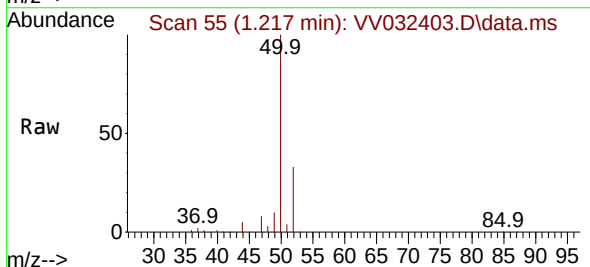
Instrument :
 MSVOA_V
 ClientSampleId :
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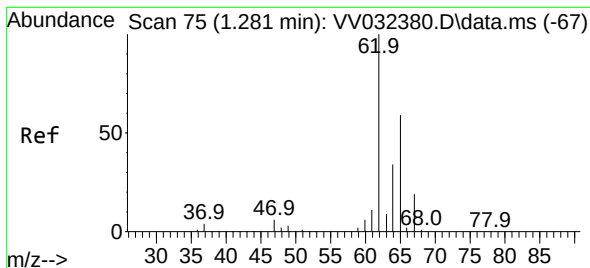
Tgt Ion: 85 Resp: 62130
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.5 38.3



#3
 Chloromethane
 Concen: 5.165 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

Tgt Ion: 50 Resp: 62896
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6





#5

Vinyl chloride

Concen: 5.158 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

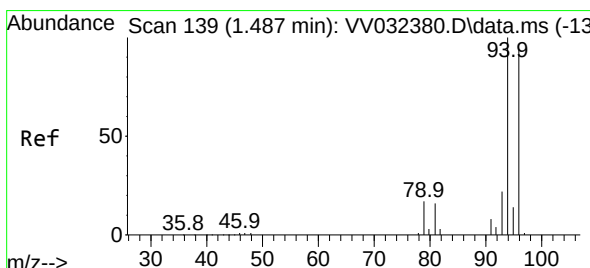
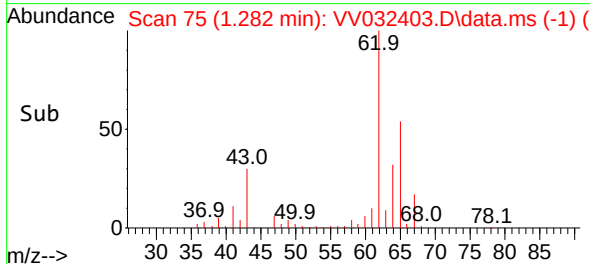
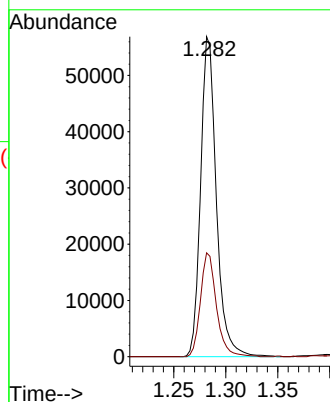
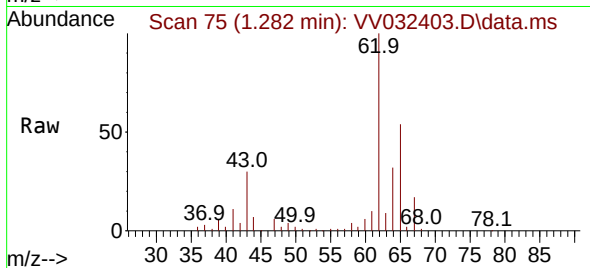
DCJV0MS

Tgt Ion: 62 Resp: 59916

Ion Ratio Lower Upper

62 100

64 32.5 23.1 42.9



#6

Bromomethane

Concen: 4.869 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV032403.D

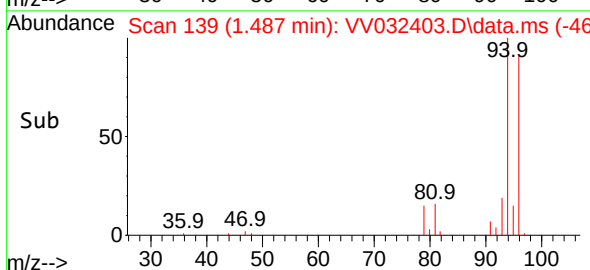
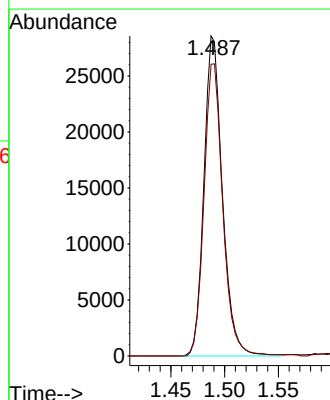
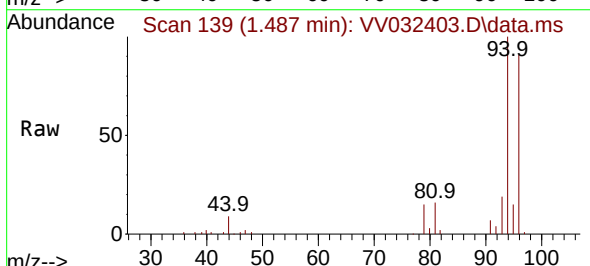
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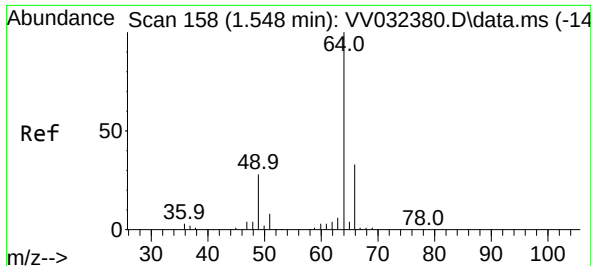
Tgt Ion: 94 Resp: 34161

Ion Ratio Lower Upper

94 100

96 91.2 66.8 124.2

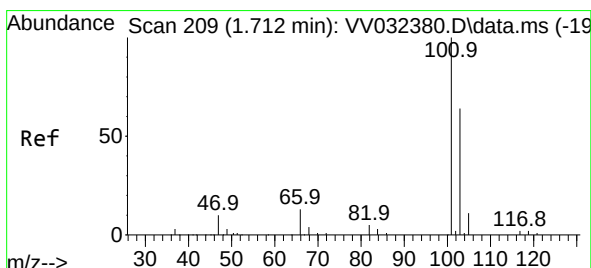
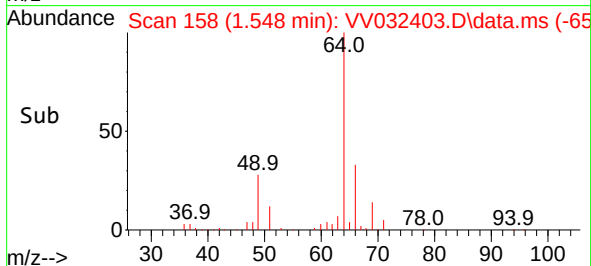
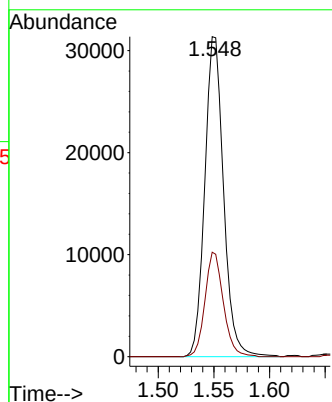
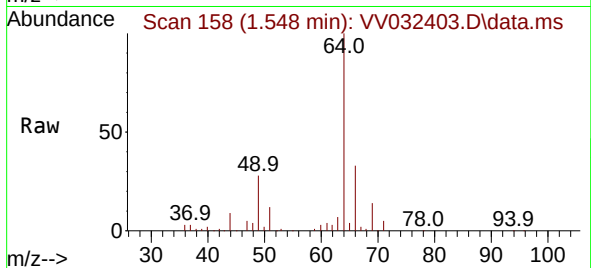




#8
Chloroethane
Concen: 5.265 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

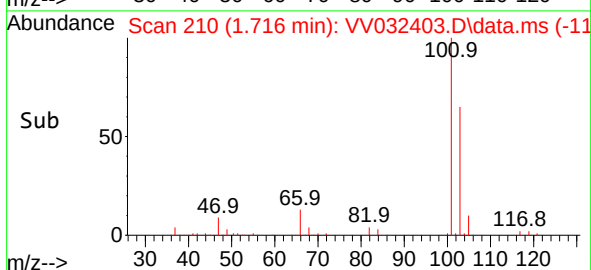
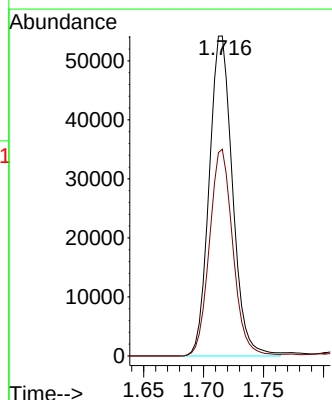
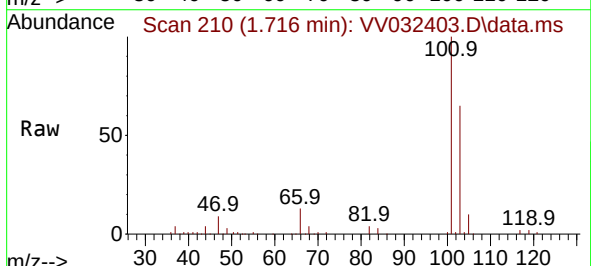
Instrument :
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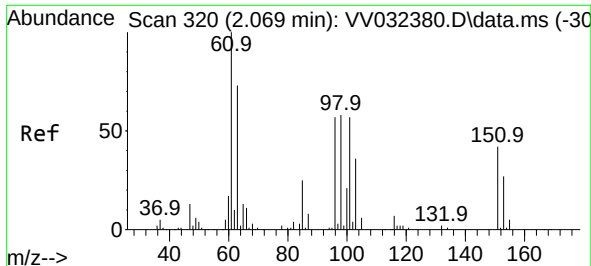
Tgt Ion: 64 Resp: 36818
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.262 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion:101 Resp: 73292
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

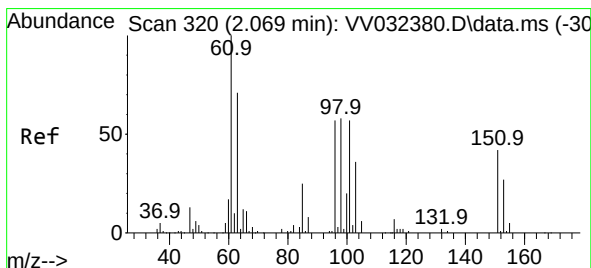
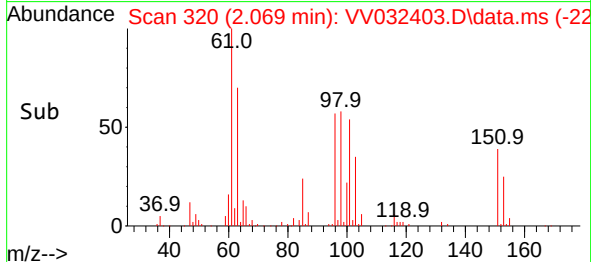
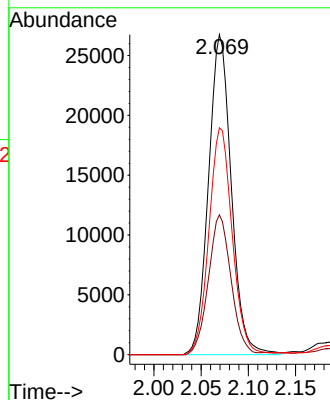
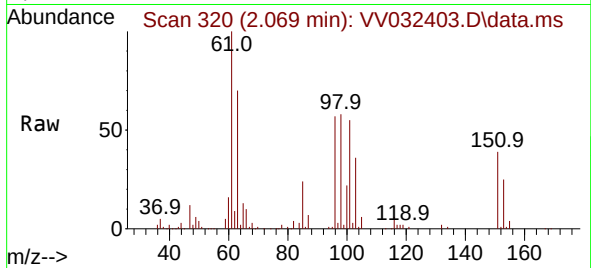




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.305 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

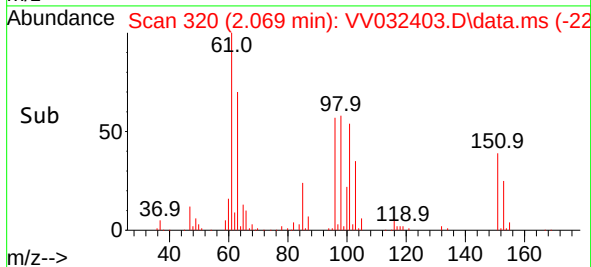
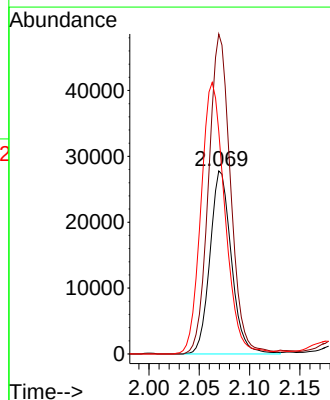
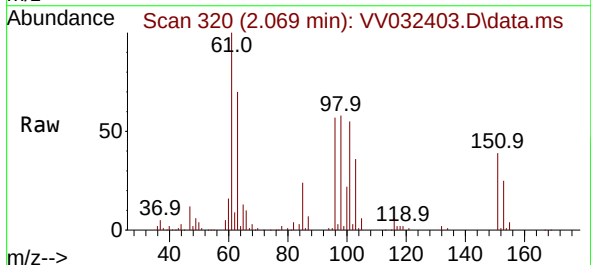
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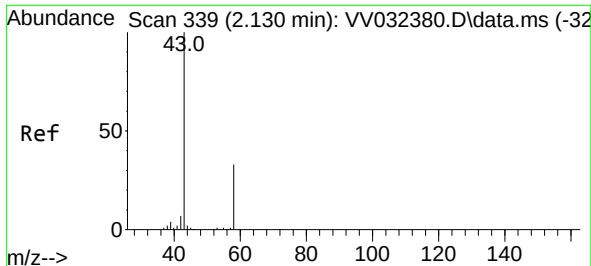
Tgt Ion:101 Resp: 44775
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.0 52.6
 151 72.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.167 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

Tgt Ion: 96 Resp: 41083
 Ion Ratio Lower Upper
 96 100
 61 174.9 127.3 236.3
 63 121.7 98.3 182.7





#13

Acetone

Concen: 47.012 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

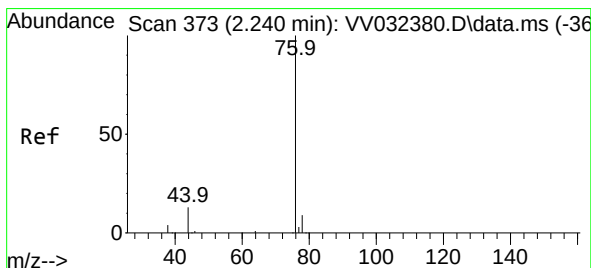
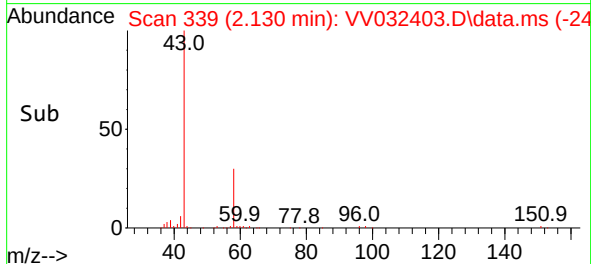
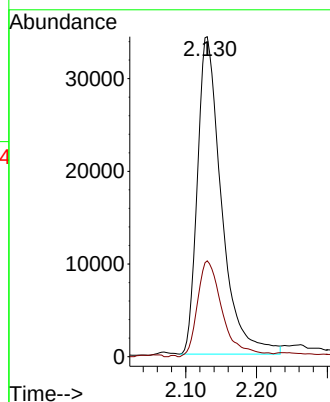
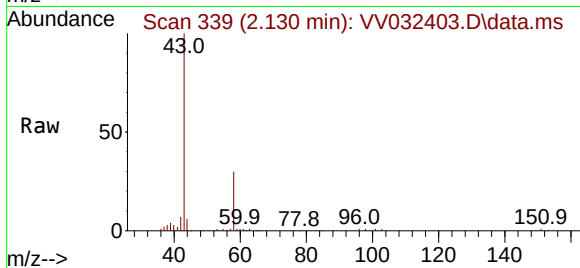
DCJV0MS

Tgt Ion: 43 Resp: 80815

Ion Ratio Lower Upper

43 100

58 31.5 0.0 66.0



#14

Carbon disulfide

Concen: 4.547 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032403.D

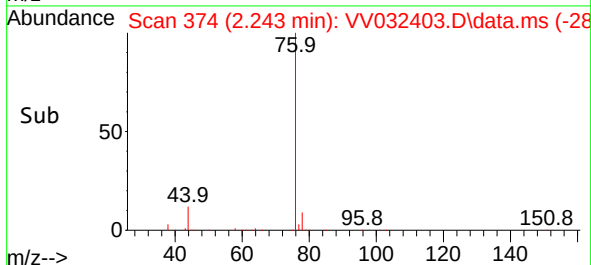
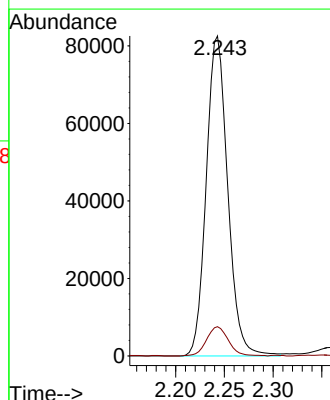
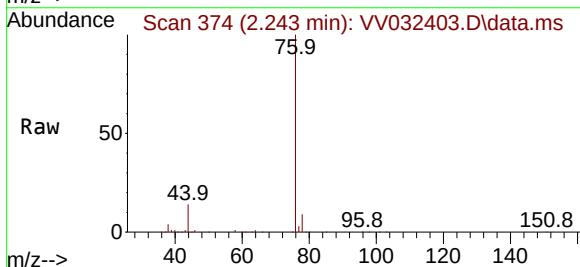
Acq: 11 Oct 2023 19:09

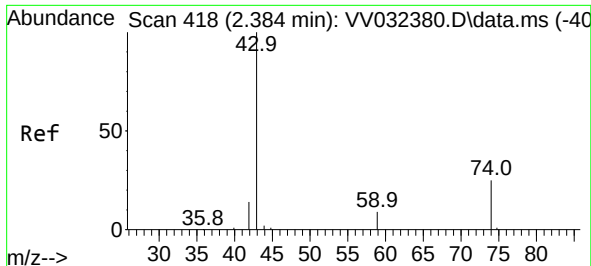
Tgt Ion: 76 Resp: 126376

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

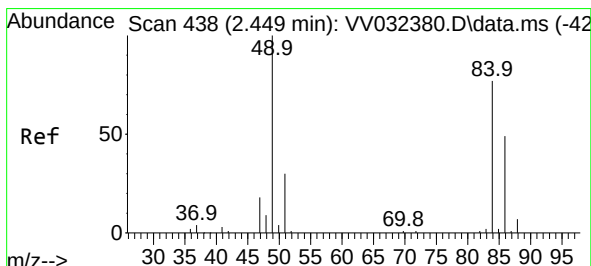
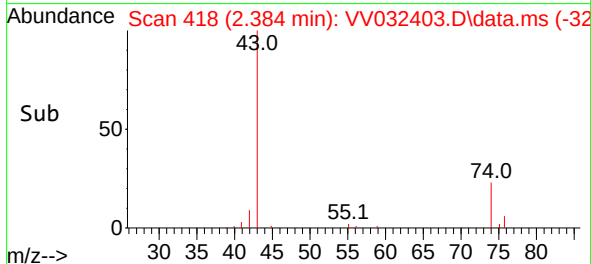
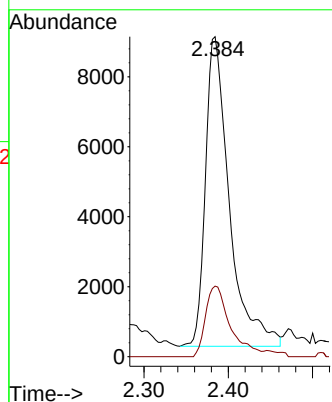
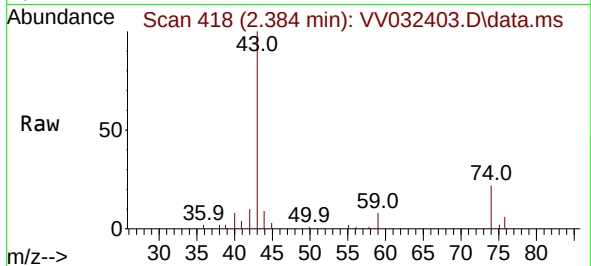




#15
Methyl Acetate
Concen: 4.514 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

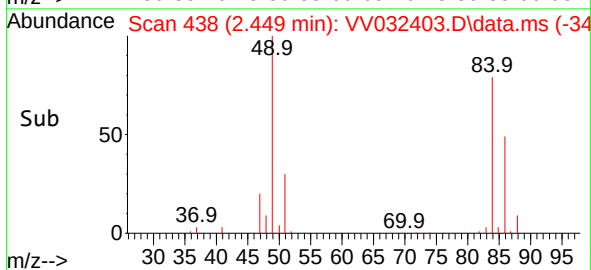
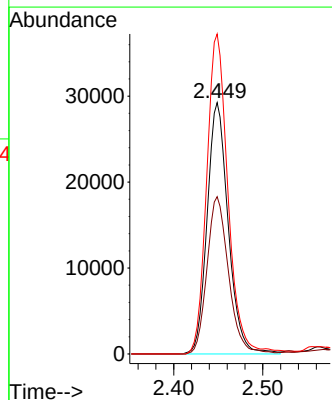
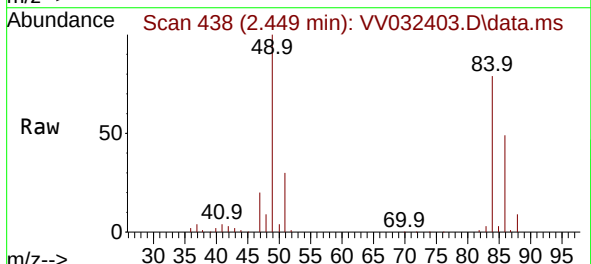
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

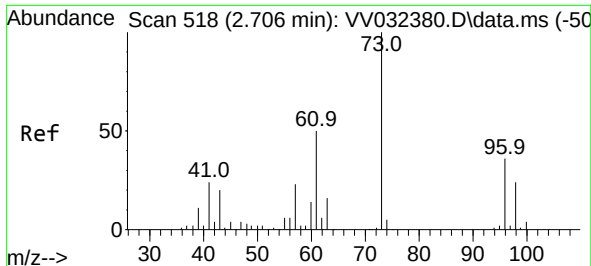
Tgt Ion: 43 Resp: 17468
Ion Ratio Lower Upper
43 100
74 23.4 18.0 27.0



#16
Methylene chloride
Concen: 4.637 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 84 Resp: 48062
Ion Ratio Lower Upper
84 100
86 62.6 43.2 80.2
49 127.3 86.3 160.3





#17

Methyl tert-butyl Ether

Concen: 4.670 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MS

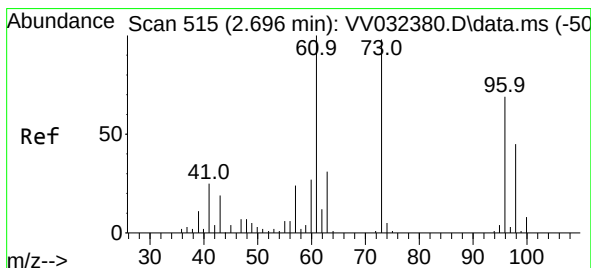
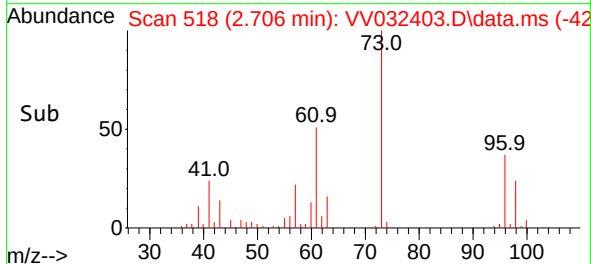
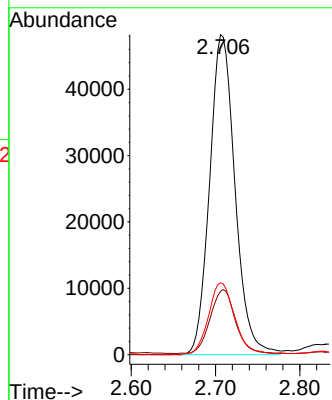
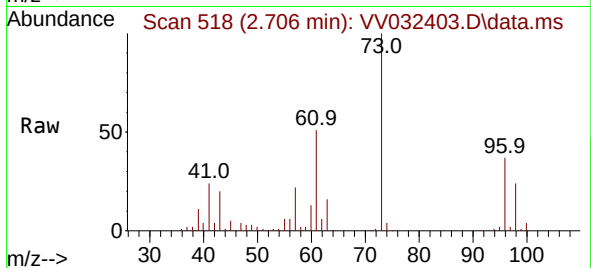
Tgt Ion: 73 Resp: 101072

Ion Ratio Lower Upper

73 100

43 19.7 15.1 22.7

57 23.2 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.823 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

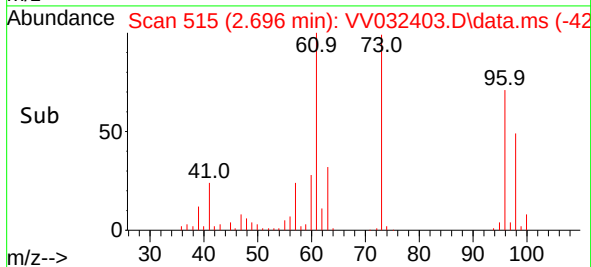
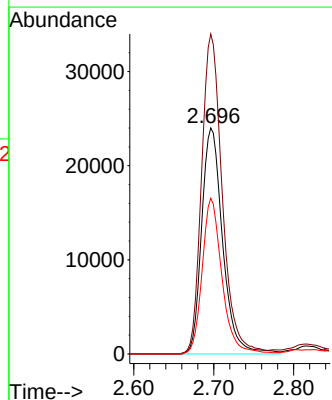
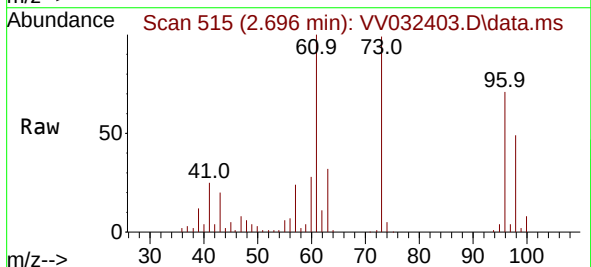
Tgt Ion: 96 Resp: 43922

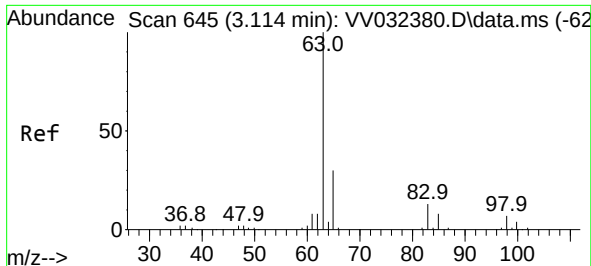
Ion Ratio Lower Upper

96 100

61 141.5 96.9 180.1

98 68.9 45.3 84.1

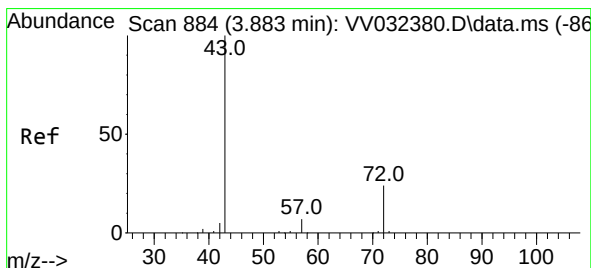
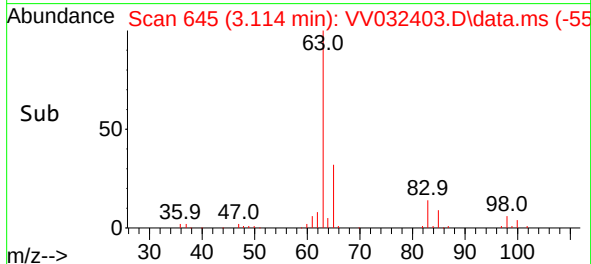
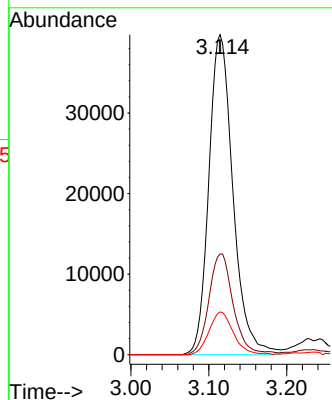
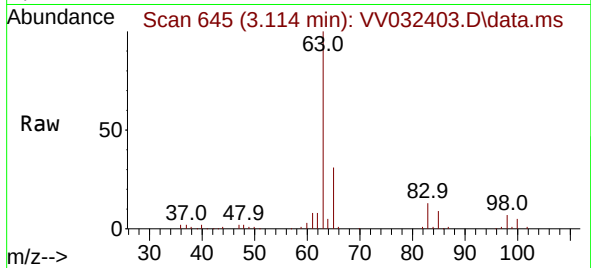




#19
1,1-Dichloroethane
Concen: 5.004 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

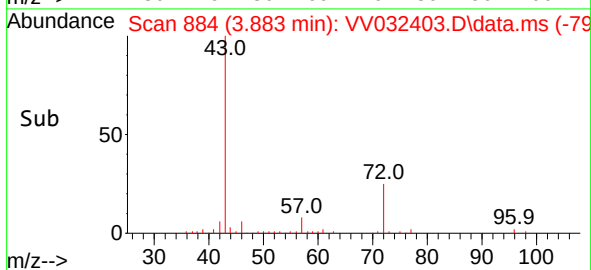
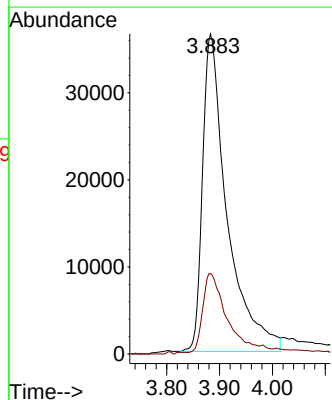
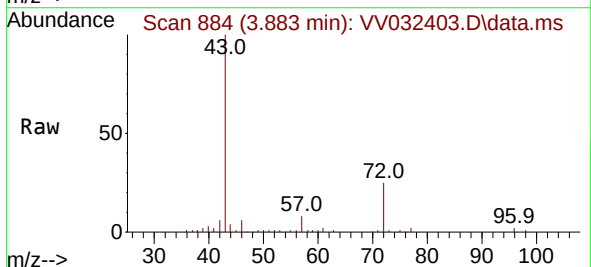
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

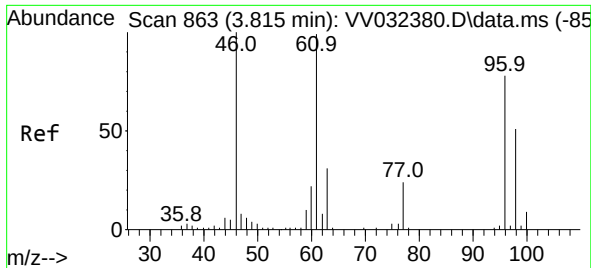
Tgt Ion: 63 Resp: 85716
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.5
83 13.4 9.0 16.6



#21
2-Butanone
Concen: 43.757 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 43 Resp: 117628
Ion Ratio Lower Upper
43 100
72 23.9 11.6 34.8

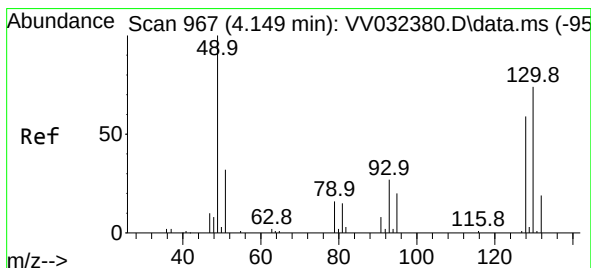
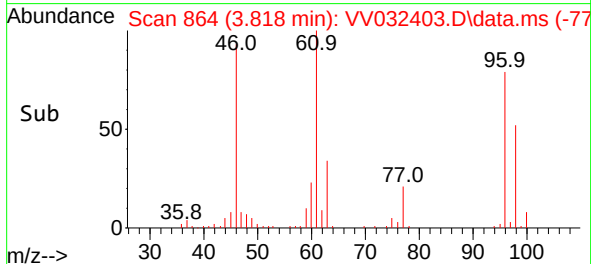
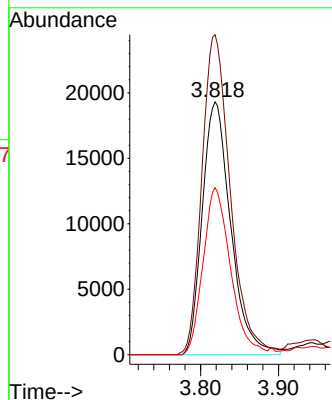
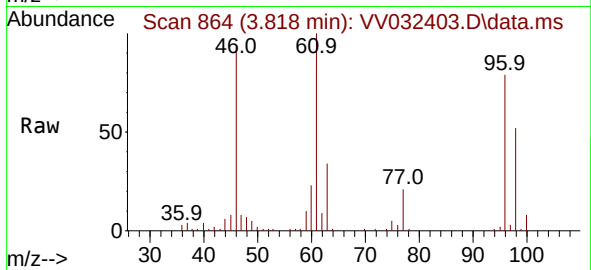




#22
 cis-1,2-Dichloroethene
 Concen: 4.998 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

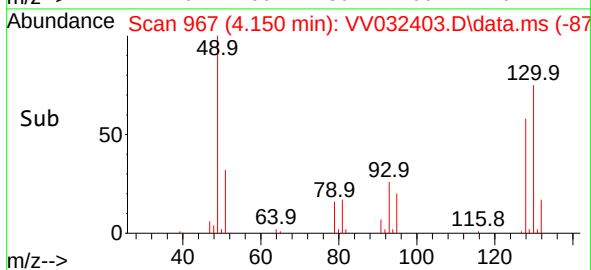
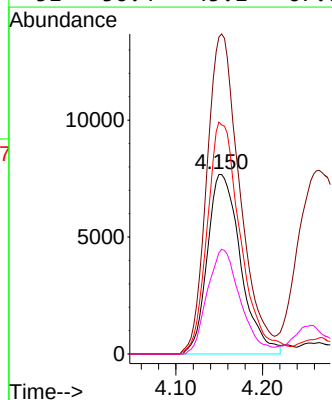
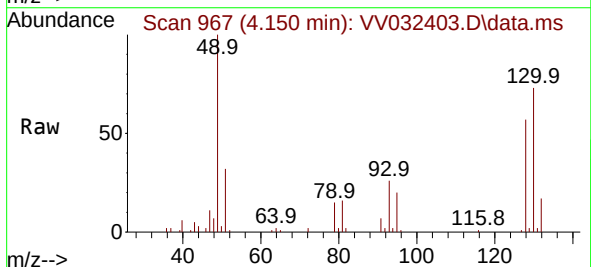
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MS

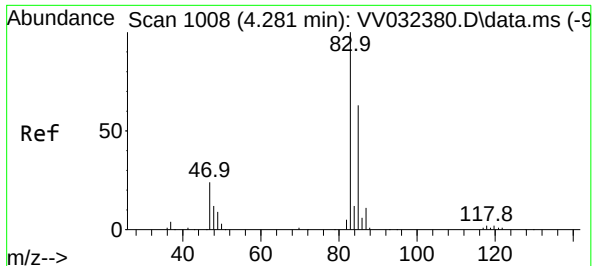
Tgt Ion: 96 Resp: 49010
 Ion Ratio Lower Upper
 96 100
 61 126.6 85.8 159.4
 98 66.1 44.0 81.6



#23
 Bromochloromethane
 Concen: 4.967 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

Tgt Ion: 128 Resp: 20489
 Ion Ratio Lower Upper
 128 100
 49 176.6 121.2 225.0
 130 129.1 88.2 163.8
 51 56.4 45.1 67.7





#25

Chloroform

Concen: 9.645 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

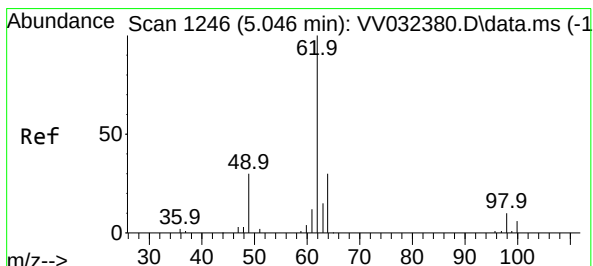
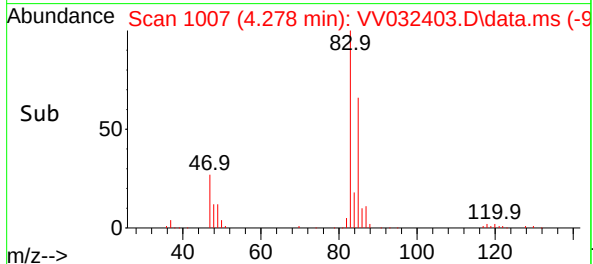
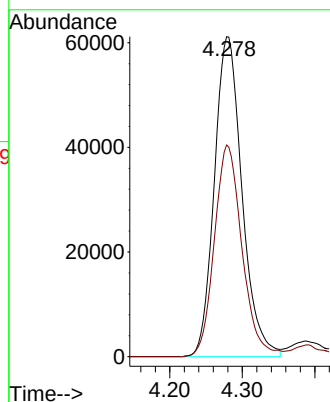
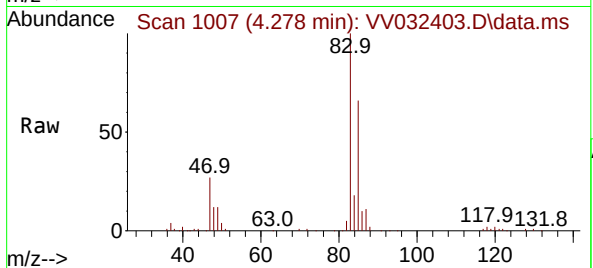
DCJV0MS

Tgt Ion: 83 Resp: 162119

Ion Ratio Lower Upper

83 100

85 66.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.200 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV032403.D

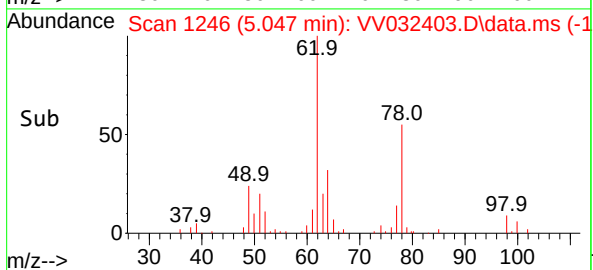
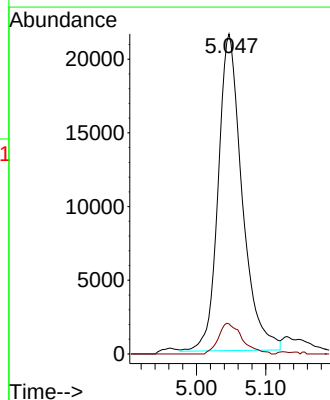
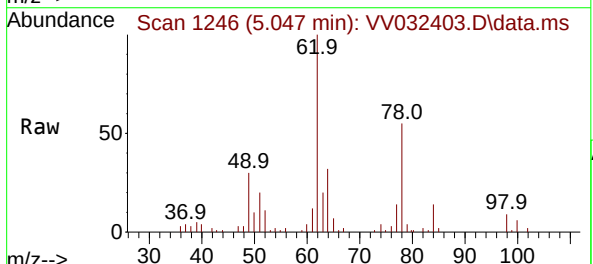
Acq: 11 Oct 2023 19:09

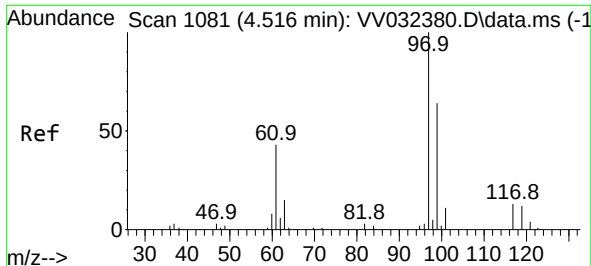
Tgt Ion: 62 Resp: 51639

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.538 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MS

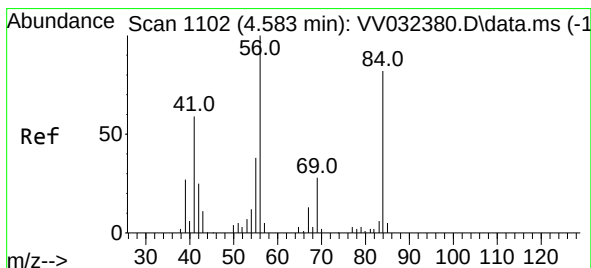
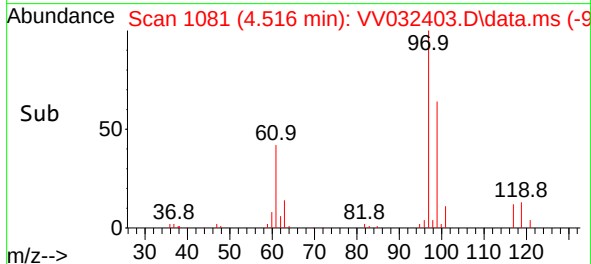
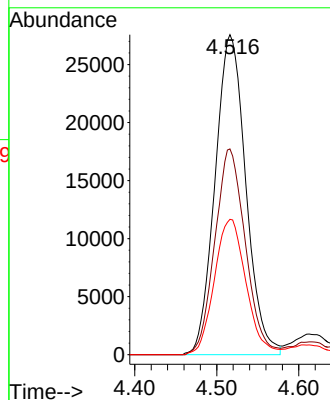
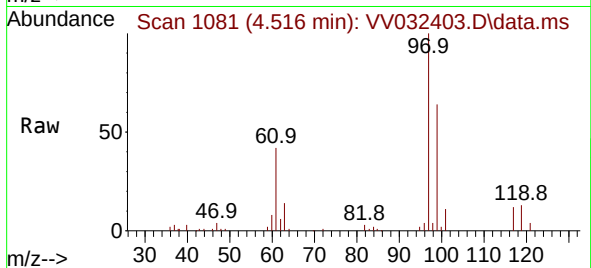
Tgt Ion: 97 Resp: 71916

Ion Ratio Lower Upper

97 100

99 63.9 50.1 75.1

61 43.5 35.1 52.7



#30

Cyclohexane

Concen: 3.895 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

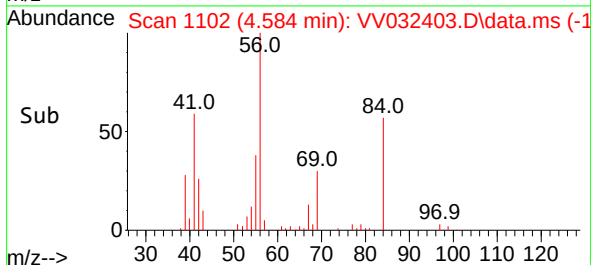
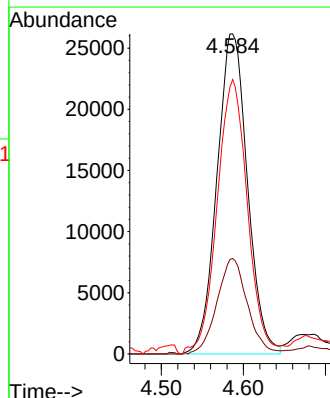
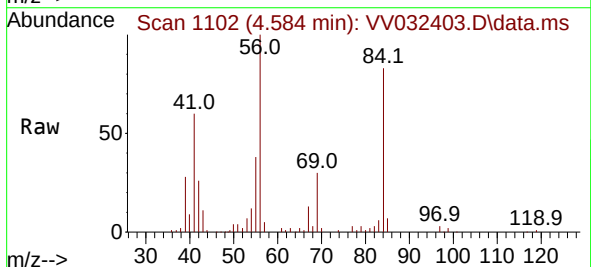
Tgt Ion: 56 Resp: 67830

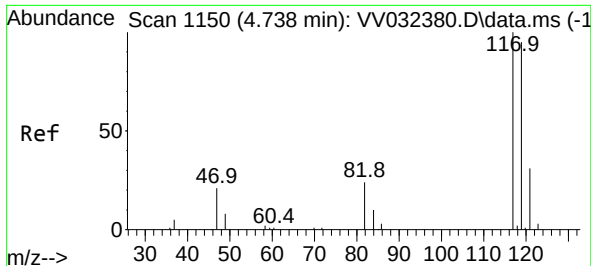
Ion Ratio Lower Upper

56 100

69 29.6 24.2 36.2

84 85.4 68.1 102.1

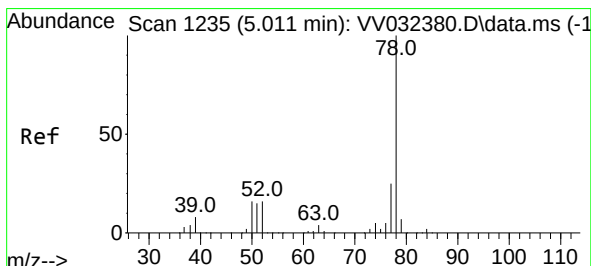
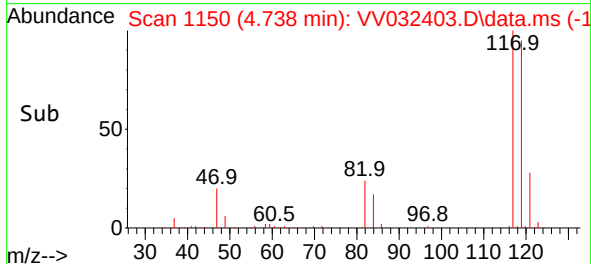
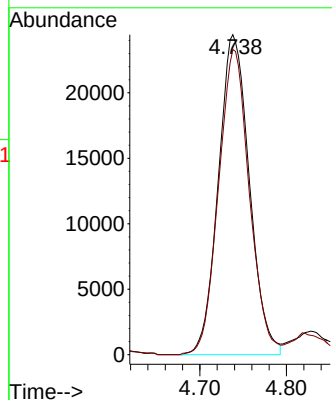
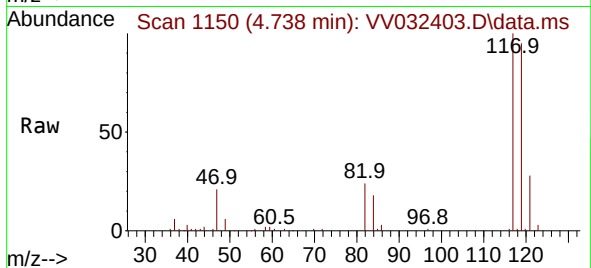




#31
Carbon tetrachloride
Concen: 4.531 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

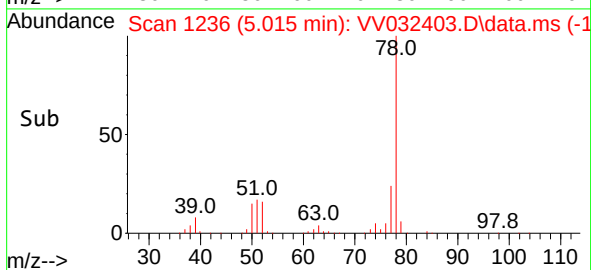
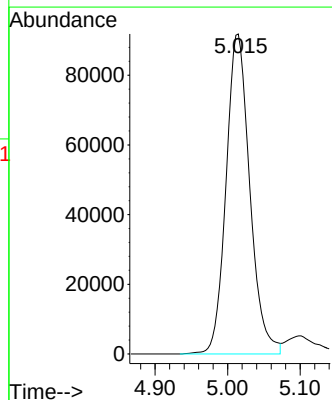
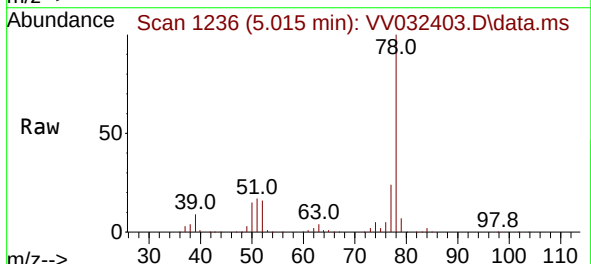
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

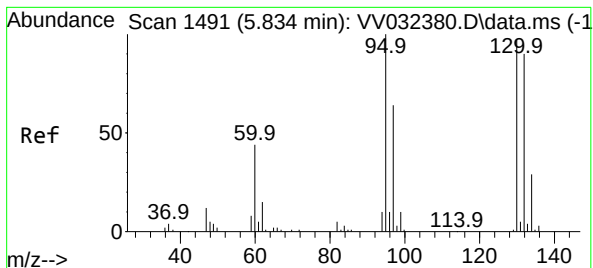
Tgt Ion:117 Resp: 60752
Ion Ratio Lower Upper
117 100
119 94.6 77.6 116.4



#33
Benzene
Concen: 5.093 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 78 Resp: 208995





#34

Trichloroethene

Concen: 221.152 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MS

Tgt Ion: 95 Resp: 2477400

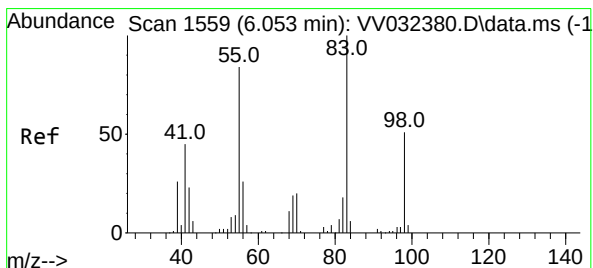
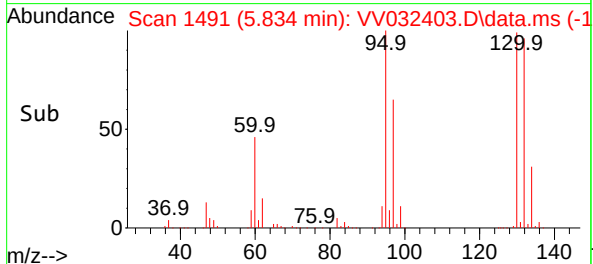
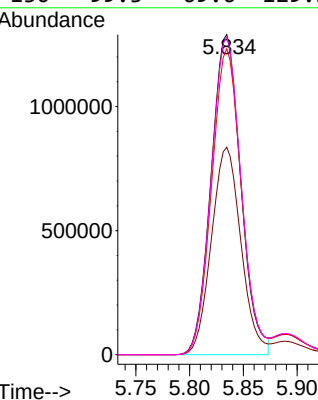
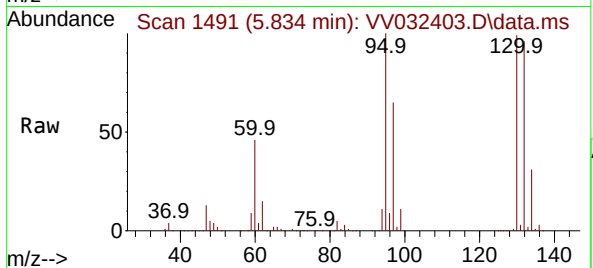
Ion Ratio Lower Upper

95 100

97 64.9 45.7 84.9

132 95.6 70.3 130.5

130 99.3 69.6 129.2



#35

Methylcyclohexane

Concen: 4.565 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

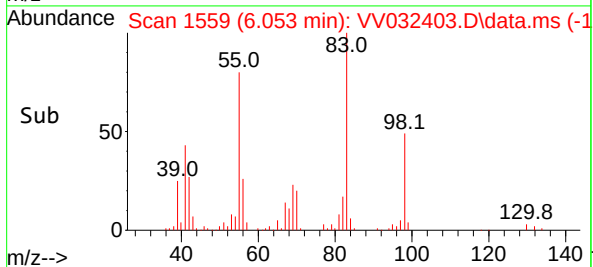
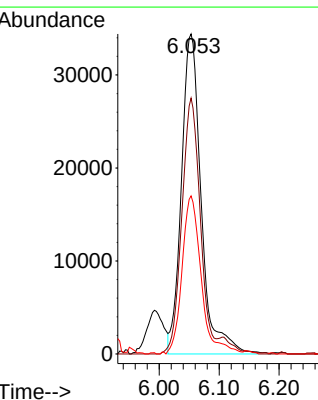
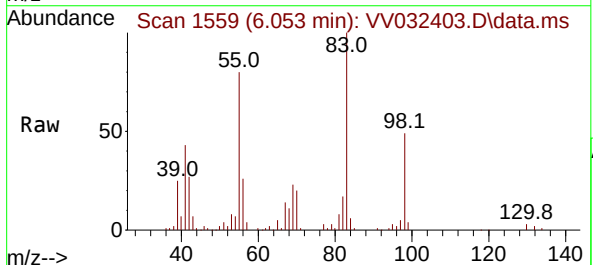
Tgt Ion: 83 Resp: 79136

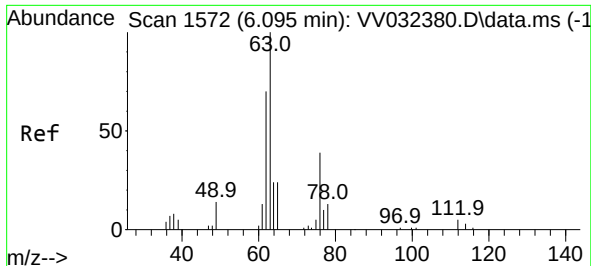
Ion Ratio Lower Upper

83 100

55 73.6 64.2 96.2

98 47.8 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.609 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

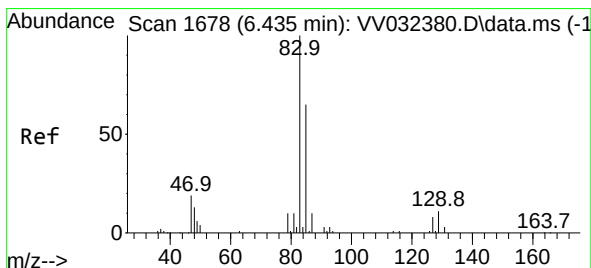
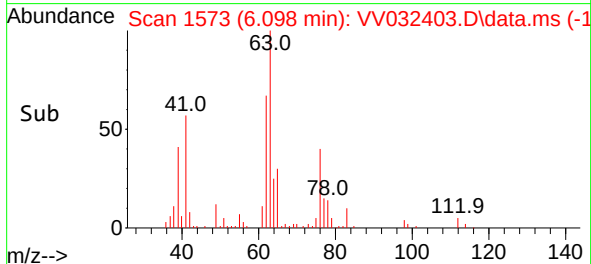
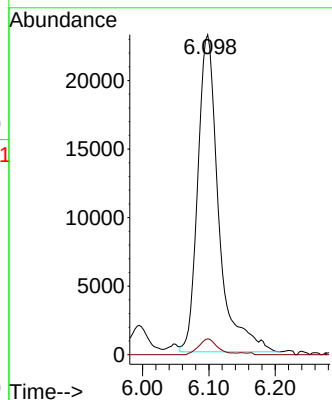
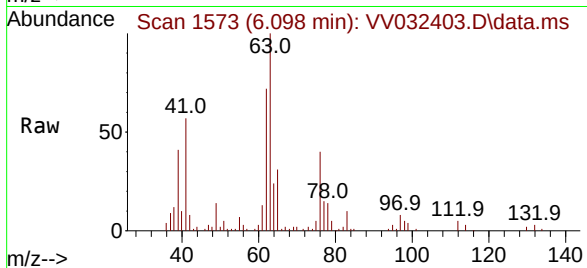
DCJV0MS

Tgt Ion: 63 Resp: 50577

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 5.654 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

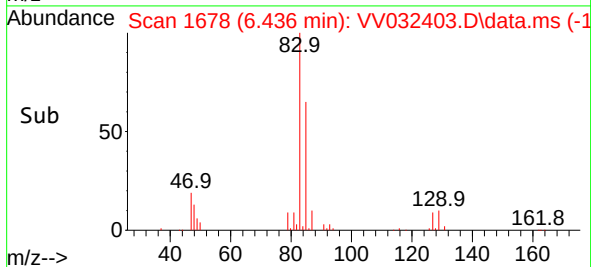
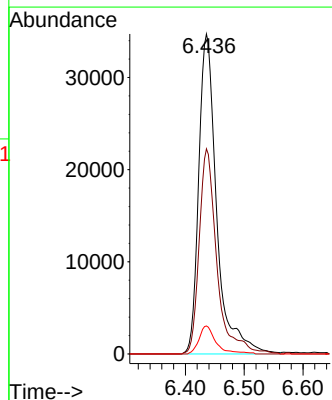
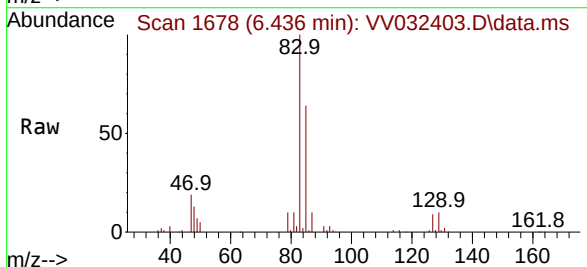
Tgt Ion: 83 Resp: 73724

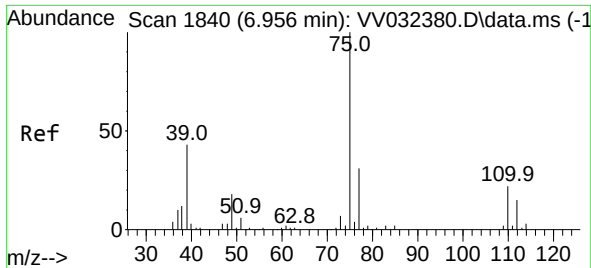
Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

127 8.7 6.9 10.3

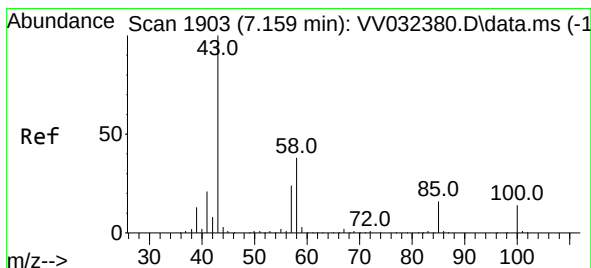
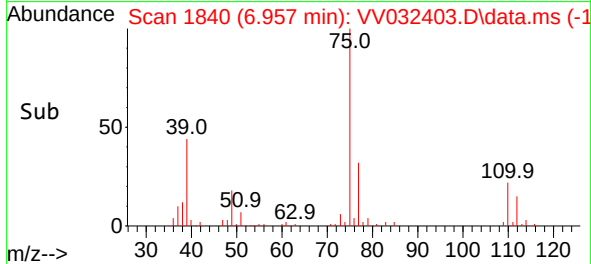
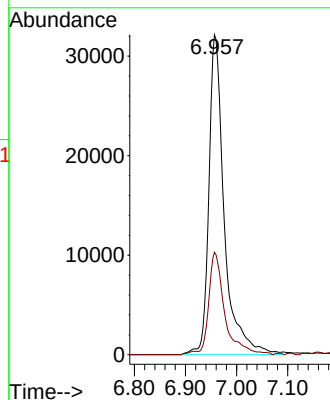
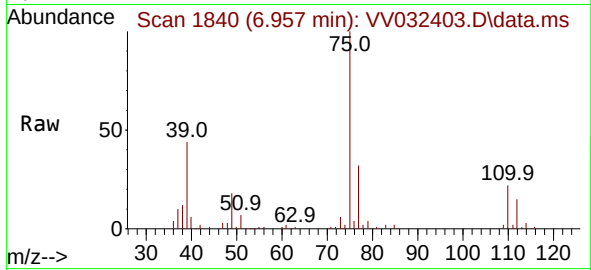




#39
 cis-1,3-Dichloropropene
 Concen: 4.307 ug/L
 RT: 6.957 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

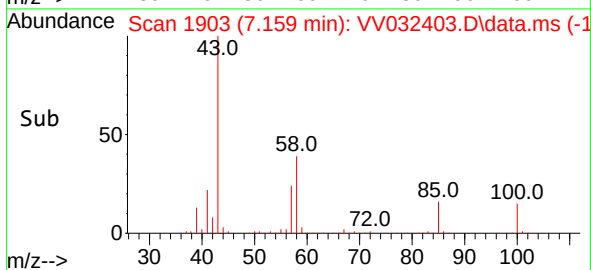
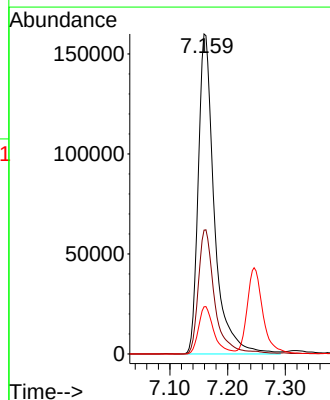
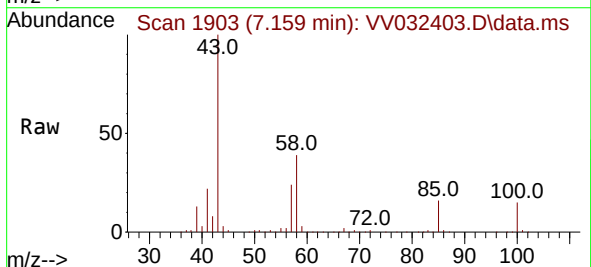
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MS

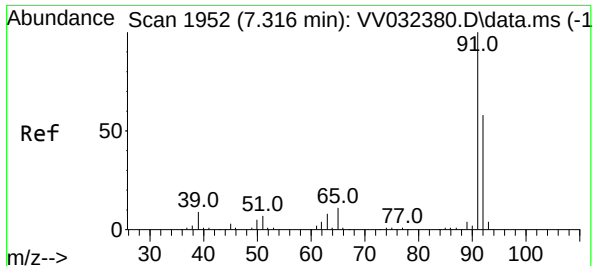
Tgt Ion: 75 Resp: 67272
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 44.586 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

Tgt Ion: 43 Resp: 309642
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.9 47.9
 100 14.2 11.3 16.9





#42

Toluene

Concen: 4.985 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

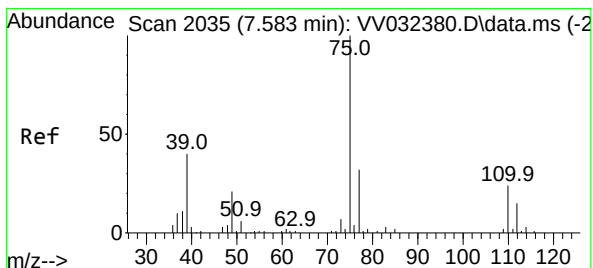
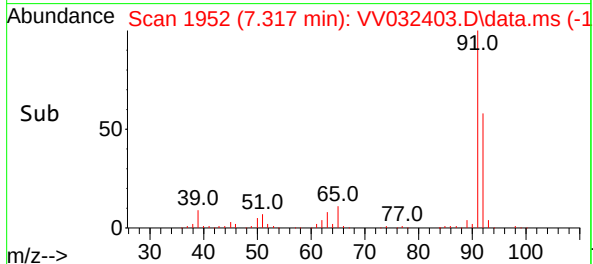
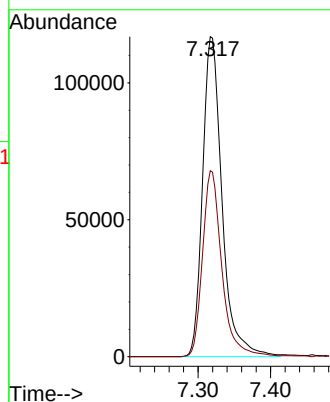
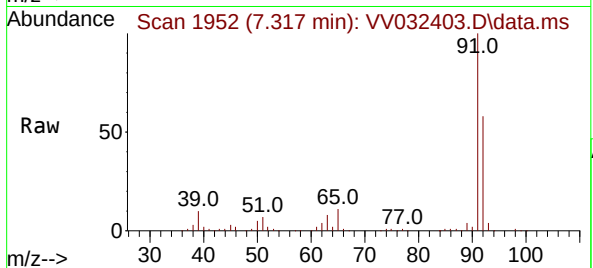
DCJV0MS

Tgt Ion: 91 Resp: 218063

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.265 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032403.D

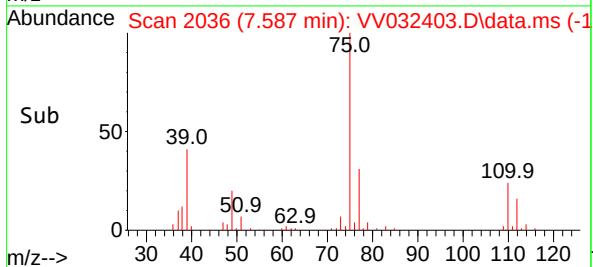
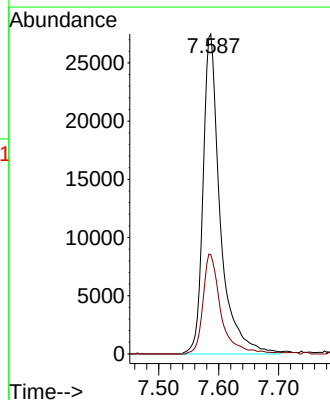
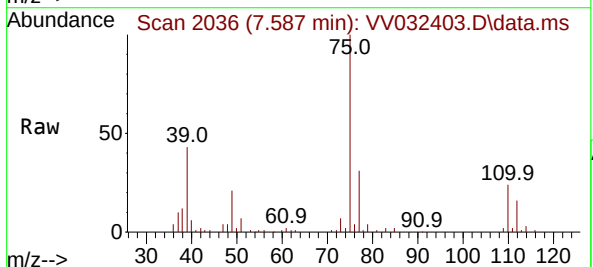
Acq: 11 Oct 2023 19:09

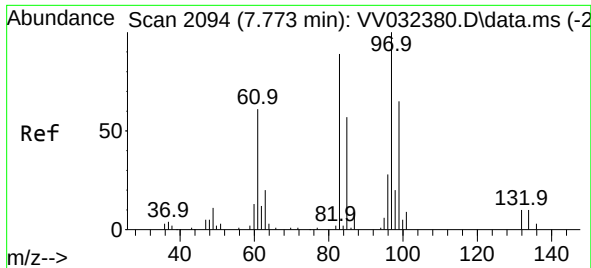
Tgt Ion: 75 Resp: 54747

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7

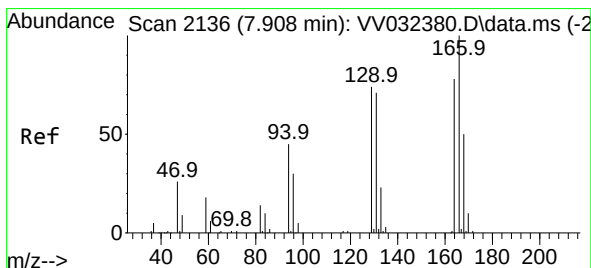
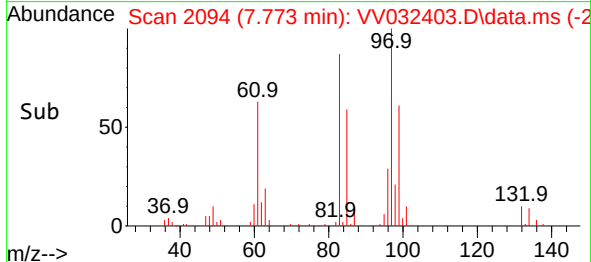
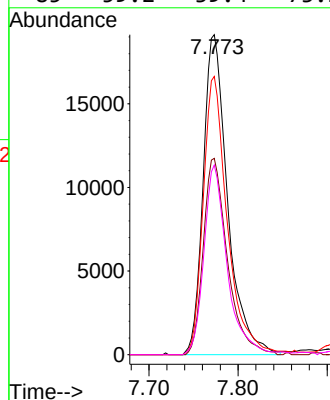
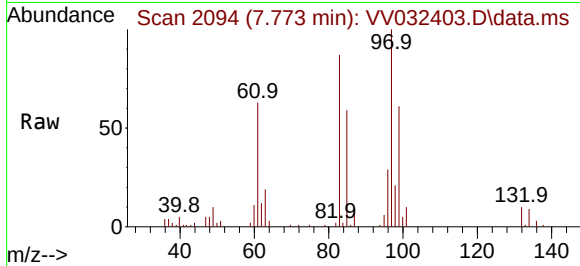




#45
1,1,2-Trichloroethane
Concen: 4.716 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

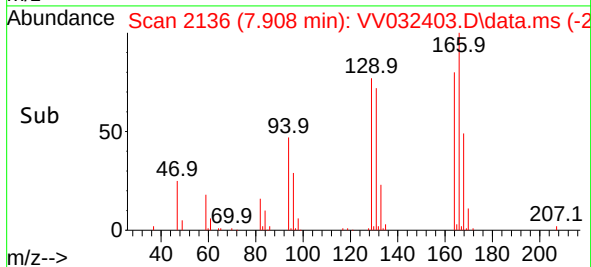
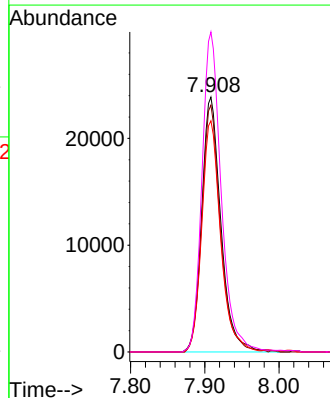
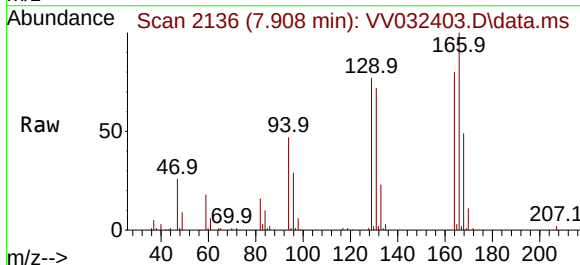
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

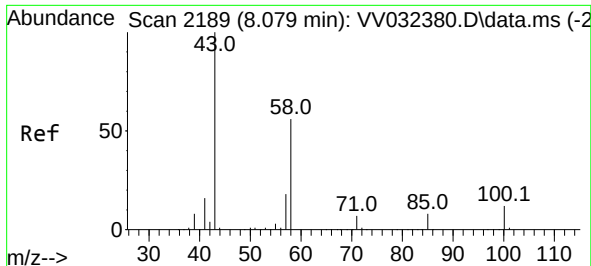
Tgt Ion:	97	Resp:	36513
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.8	79.4
83	87.0	60.9	113.1
85	59.2	39.4	73.2



#47
Tetrachloroethene
Concen: 5.051 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion:	164	Resp:	42911
Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.4	123.4
131	90.7	63.7	118.3
166	125.5	87.9	163.3



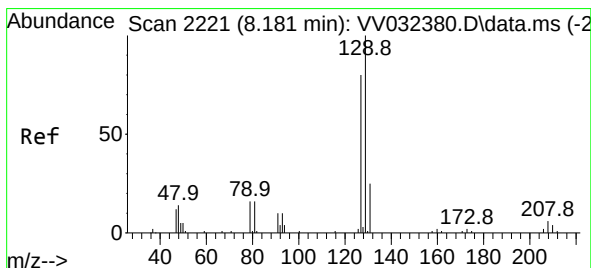
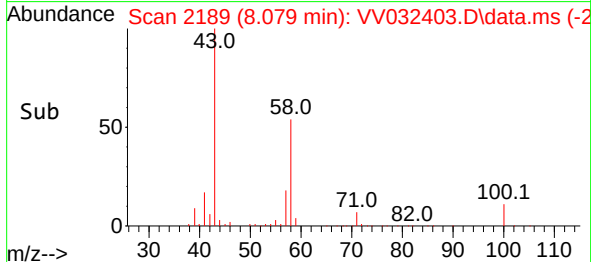
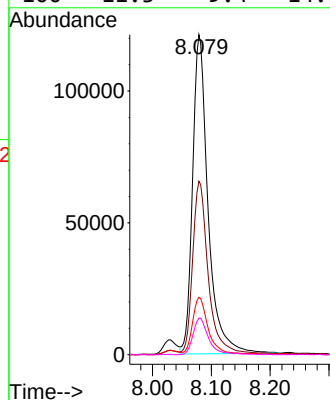
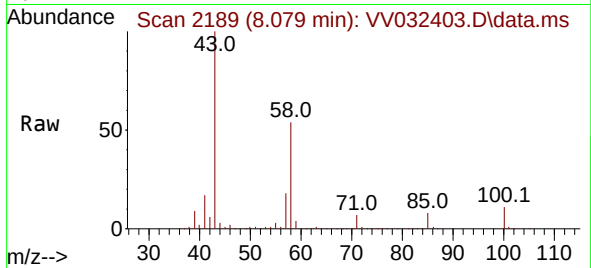


#48
2-Hexanone
Concen: 45.235 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

Tgt Ion: 43 Resp: 221649

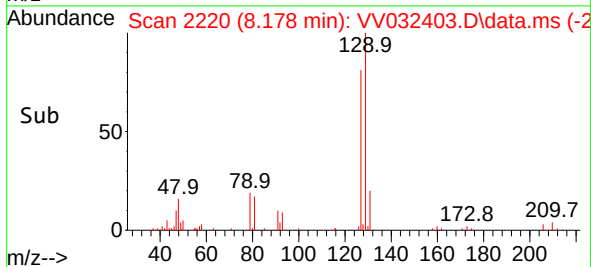
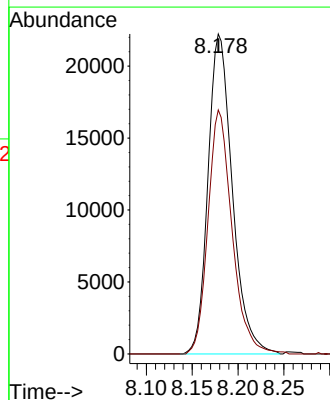
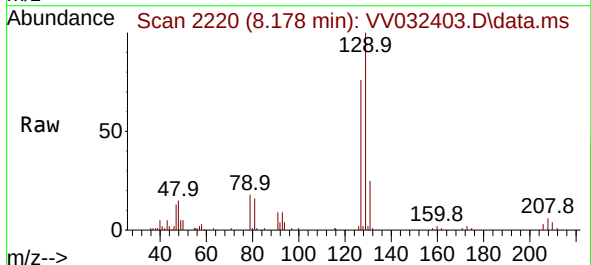
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.6	65.4
57	17.5	14.6	22.0
100	11.3	9.4	14.0

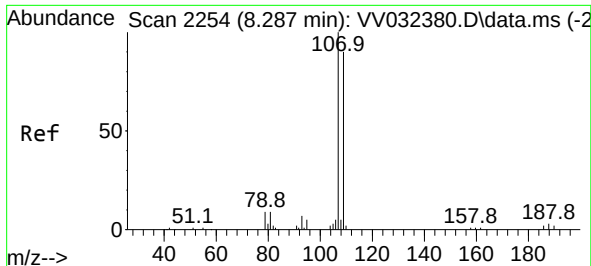


#49
Dibromochloromethane
Concen: 5.089 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 129 Resp: 41013

Ion	Ratio	Lower	Upper
129	100		
127	76.3	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.641 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MS

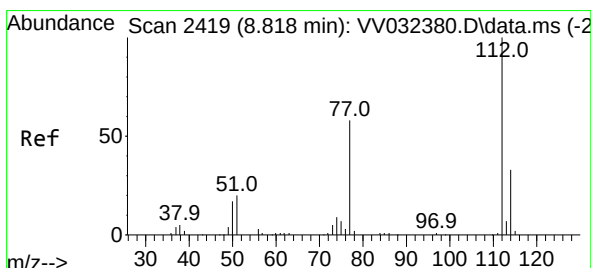
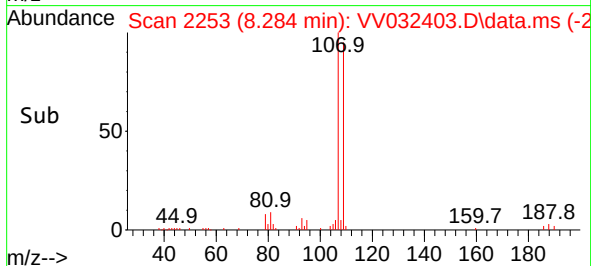
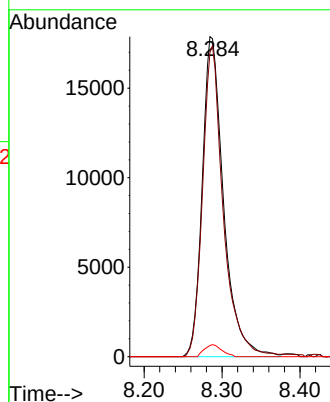
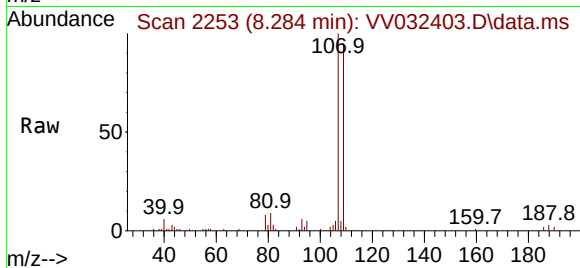
Tgt Ion:107 Resp: 33980

Ion Ratio Lower Upper

107 100

109 95.2 68.4 127.0

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 4.542 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

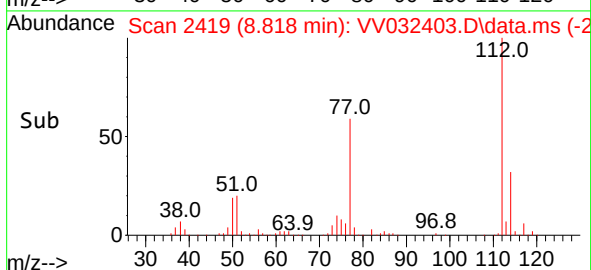
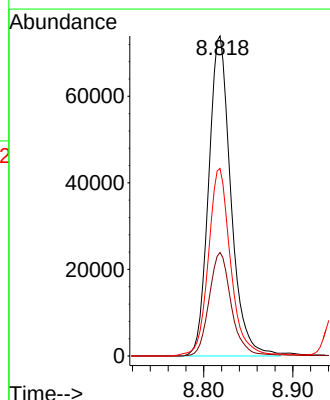
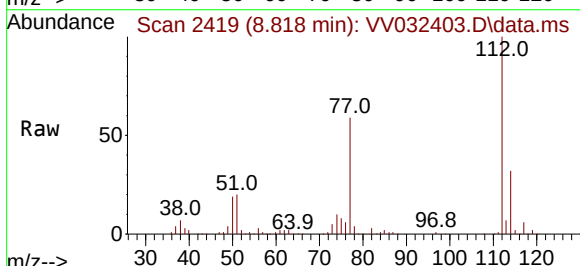
Tgt Ion:112 Resp: 127917

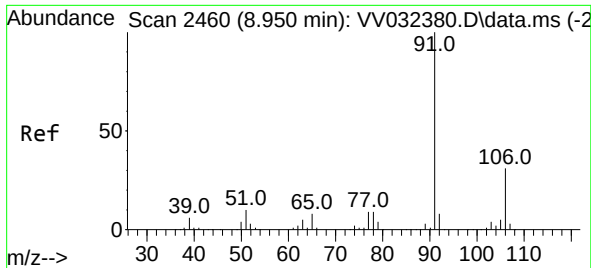
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 58.6 46.1 69.1

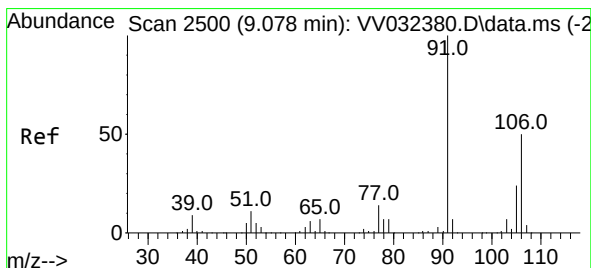
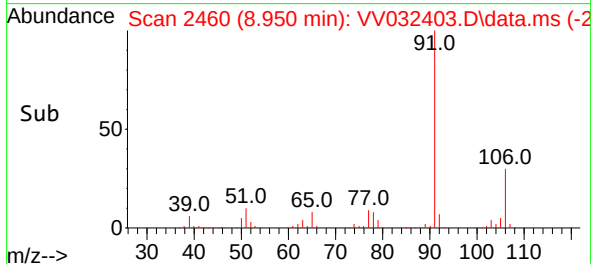
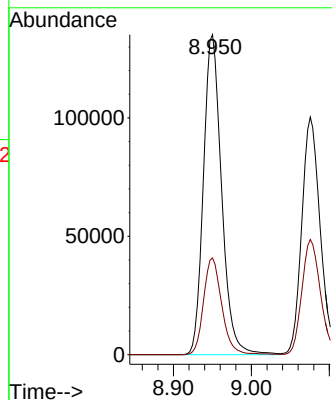
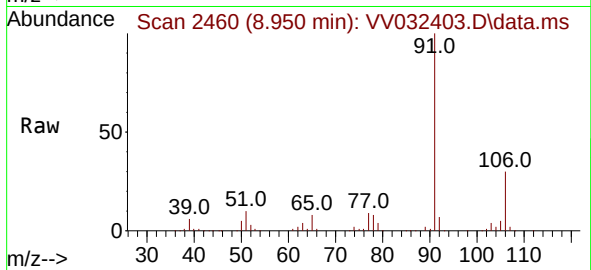




#52
Ethylbenzene
Concen: 4.500 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

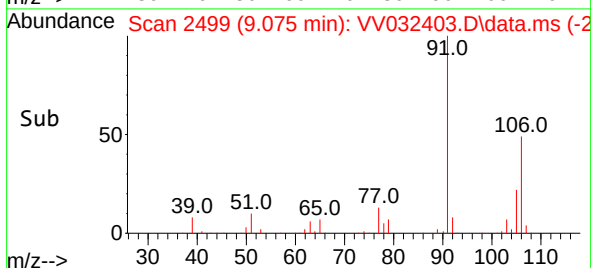
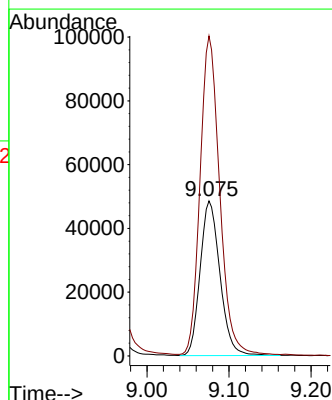
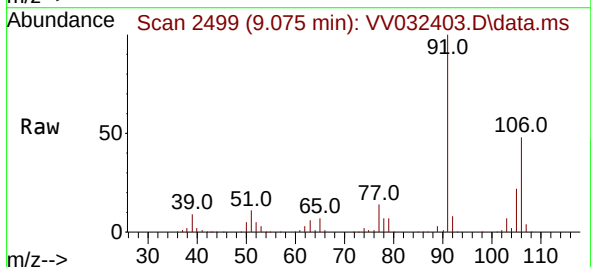
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

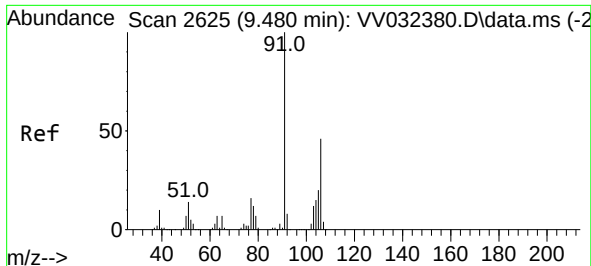
Tgt Ion: 91 Resp: 219206
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 4.494 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 106 Resp: 81193
Ion Ratio Lower Upper
106 100
91 206.3 144.5 268.3

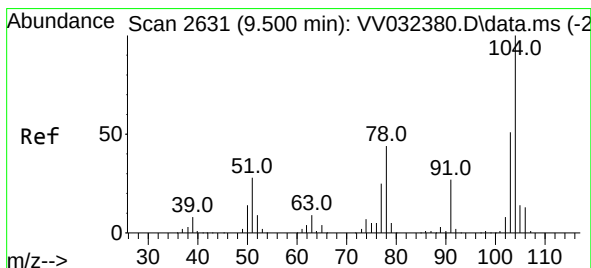
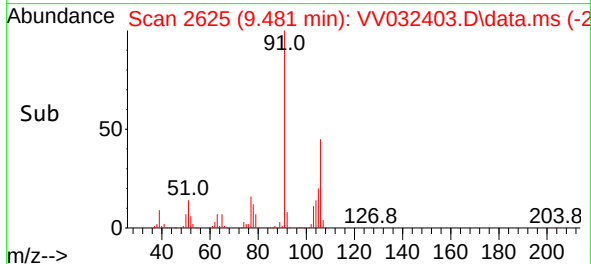
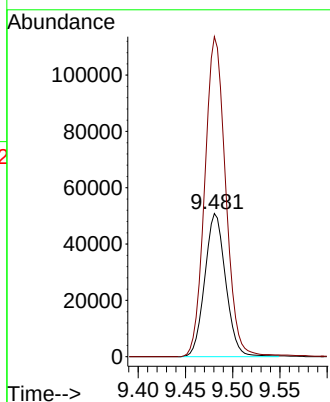
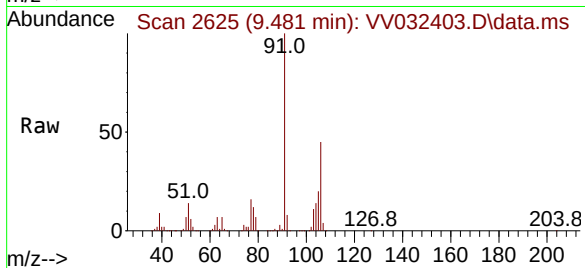




#54
o-Xylene
Concen: 4.499 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

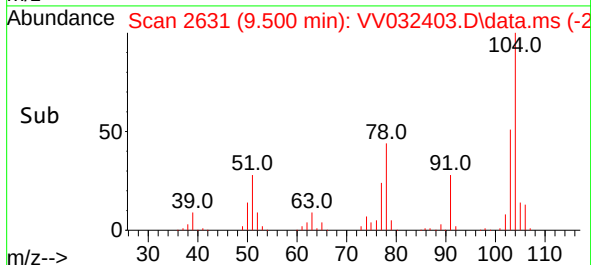
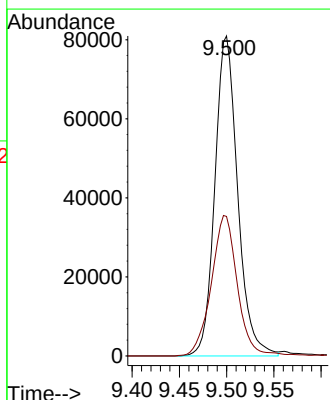
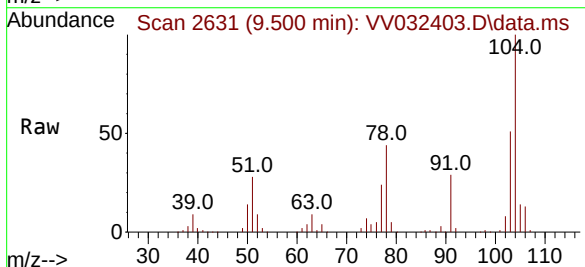
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

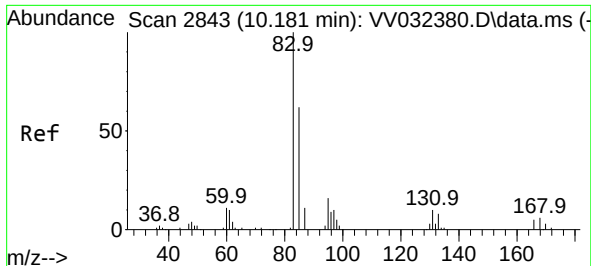
Tgt Ion:106 Resp: 78313
Ion Ratio Lower Upper
106 100
91 223.3 154.8 287.4



#55
Styrene
Concen: 4.622 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion:104 Resp: 135875
Ion Ratio Lower Upper
104 100
78 43.6 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.815 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MS

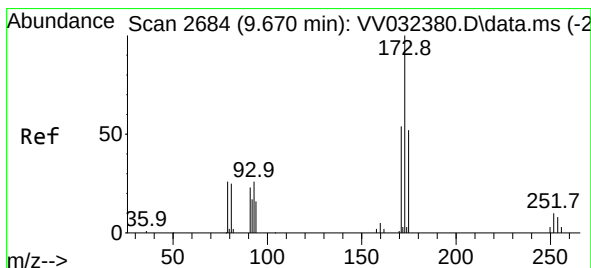
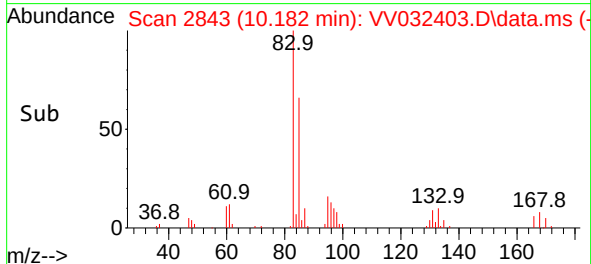
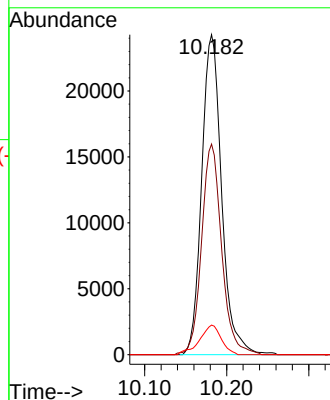
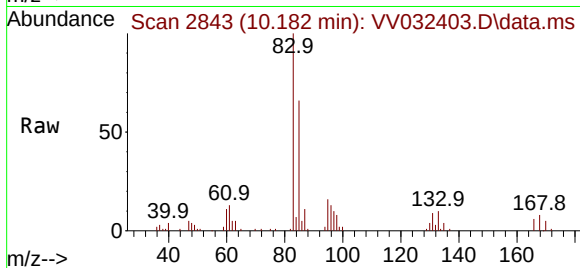
Tgt Ion: 83 Resp: 41018

Ion Ratio Lower Upper

83 100

85 65.8 43.6 81.0

131 9.2 7.0 10.6



#59

Bromoform

Concen: 4.591 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

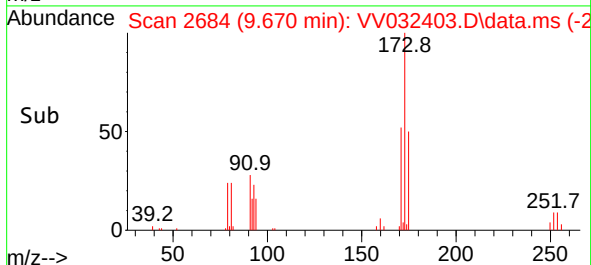
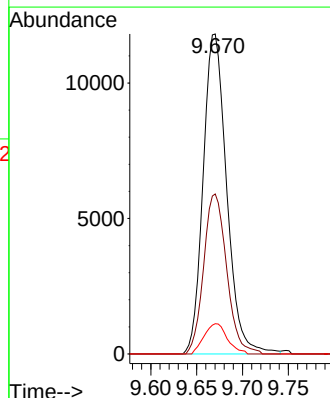
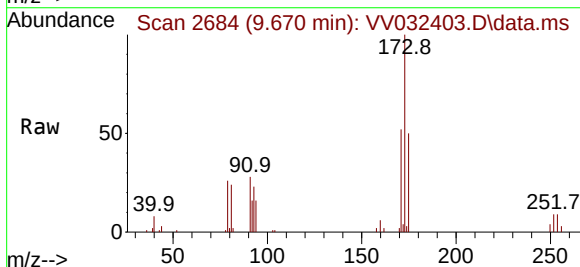
Tgt Ion: 173 Resp: 21089

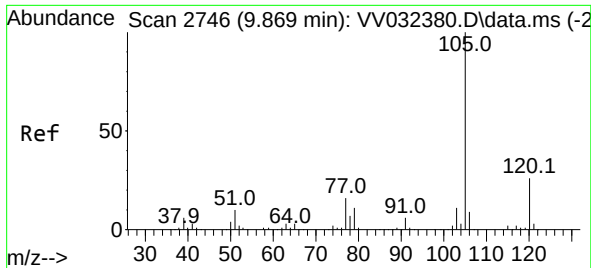
Ion Ratio Lower Upper

173 100

175 48.9 38.2 57.2

254 9.3 7.0 10.4

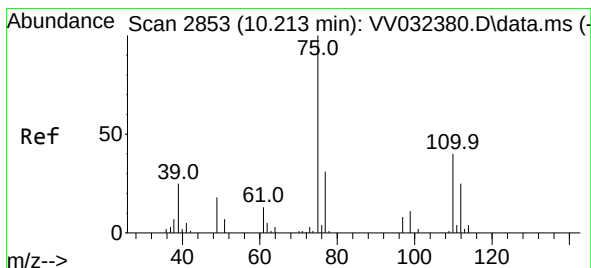
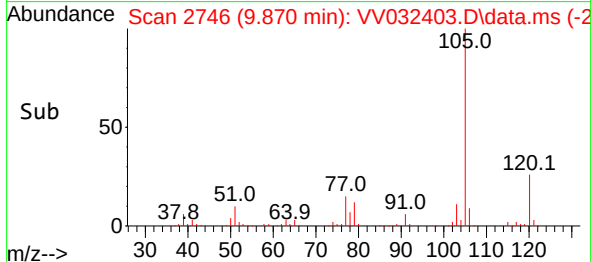
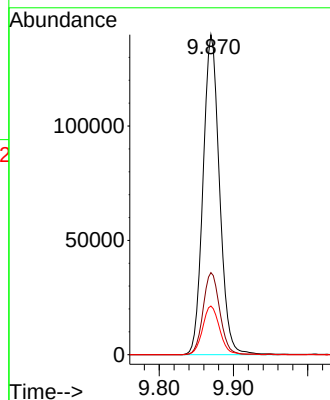
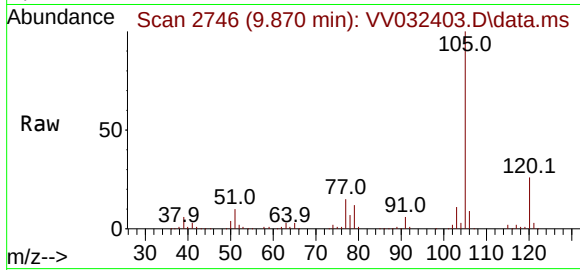




#60
Isopropylbenzene
Concen: 4.383 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

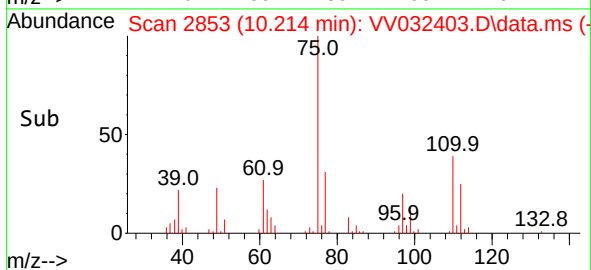
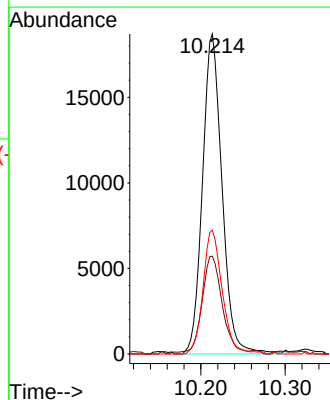
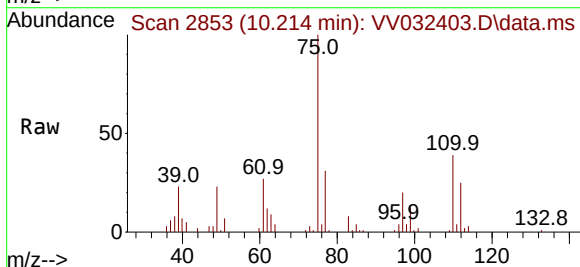
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

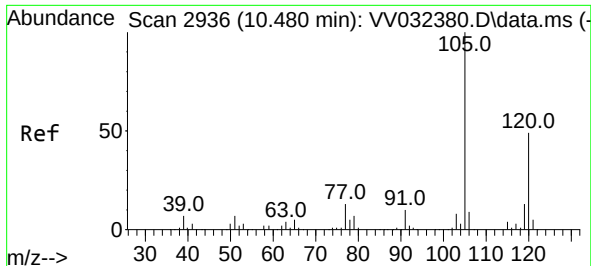
Tgt Ion:105 Resp: 215197
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.496 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 75 Resp: 30228
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
110 38.1 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.206 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

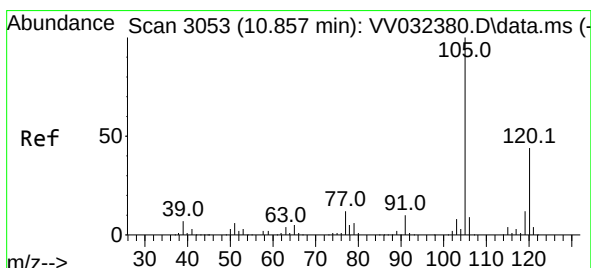
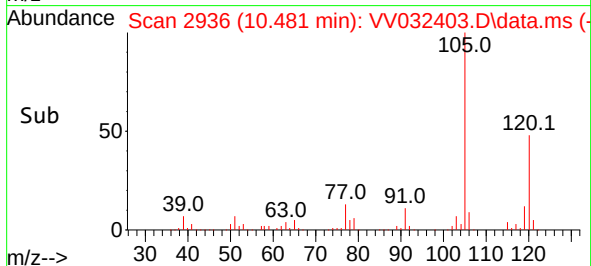
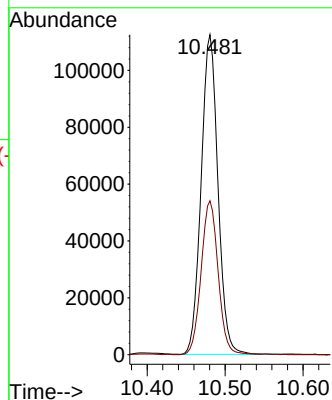
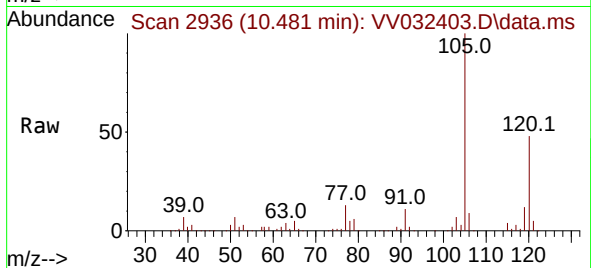
DCJV0MS

Tgt Ion:105 Resp: 168310

Ion Ratio Lower Upper

105 100

120 48.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.279 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV032403.D

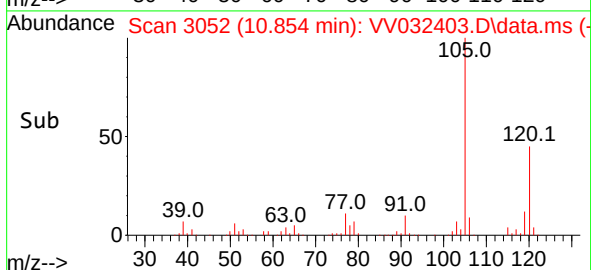
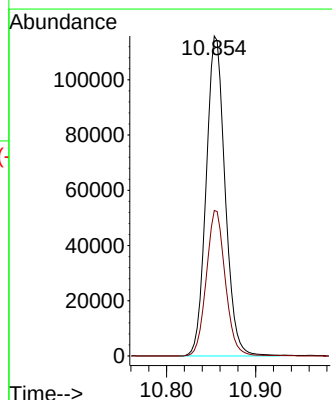
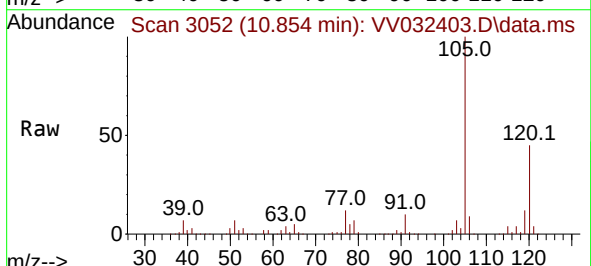
Acq: 11 Oct 2023 19:09

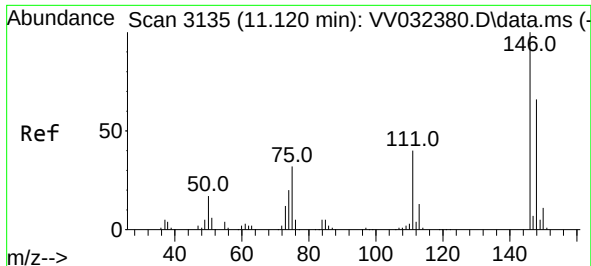
Tgt Ion:105 Resp: 170465

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.4

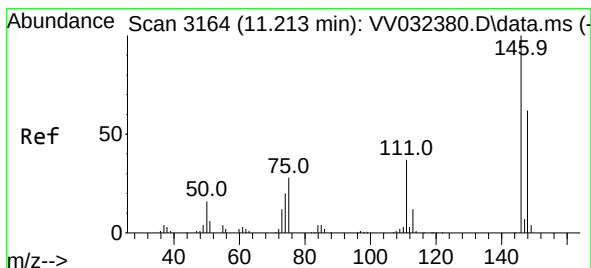
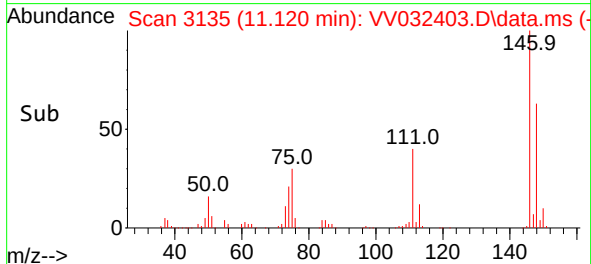
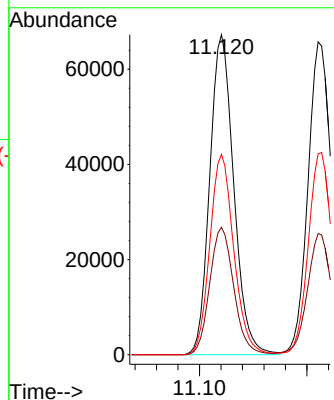
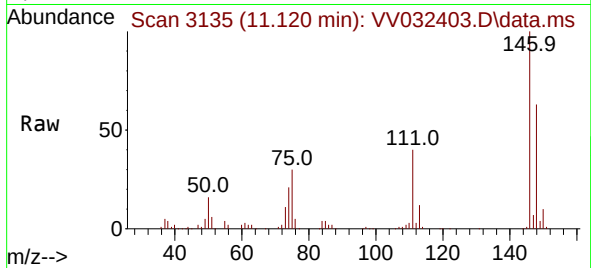




#64
 1,3-Dichlorobenzene
 Concen: 4.445 ug/L
 RT: 11.120 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

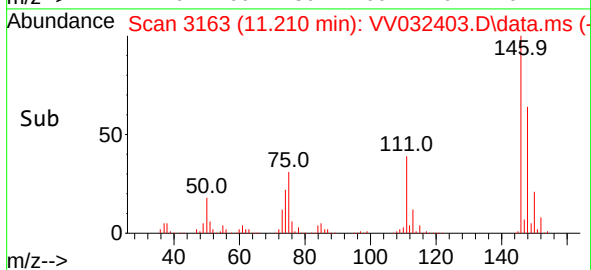
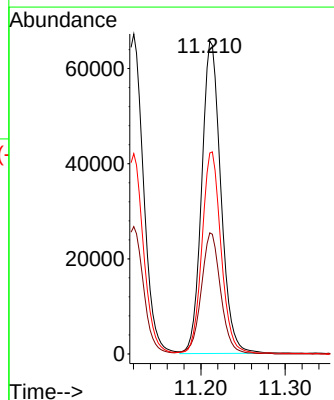
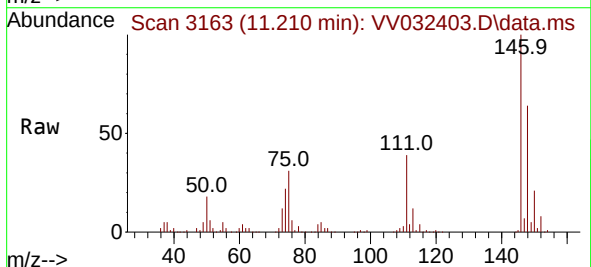
Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MS

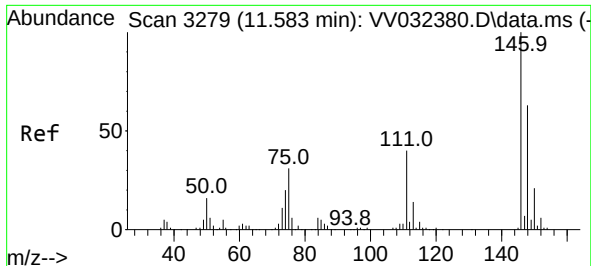
Tgt Ion:146 Resp: 104254
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.8 51.6
 148 62.6 43.7 81.1



#65
 1,4-Dichlorobenzene
 Concen: 4.415 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: VV032403.D
 Acq: 11 Oct 2023 19:09

Tgt Ion:146 Resp: 103882
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.9 49.9
 148 64.3 44.8 83.2

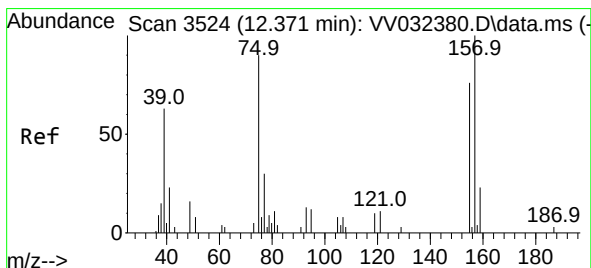
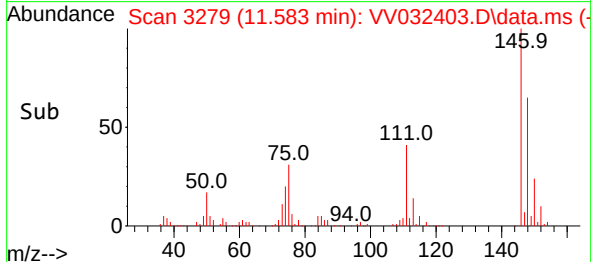
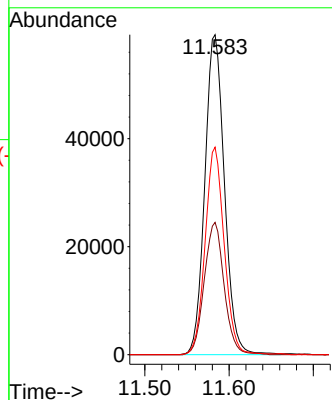
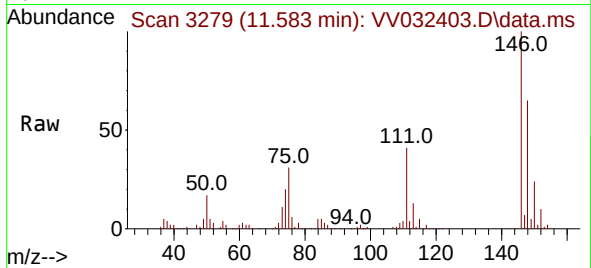




#67
1,2-Dichlorobenzene
Concen: 4.491 ug/L
RT: 11.583 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

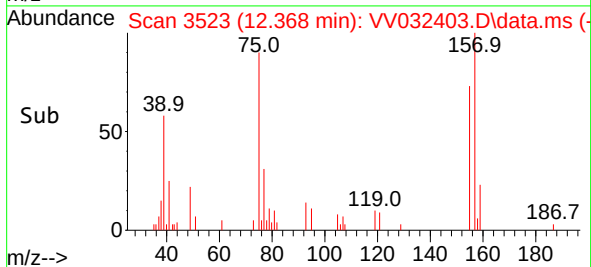
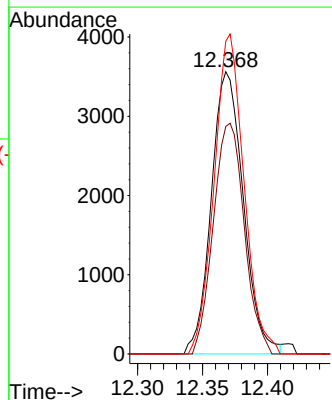
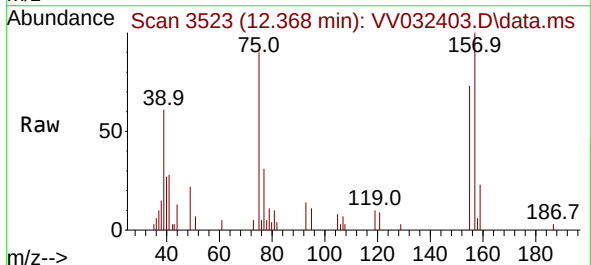
Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

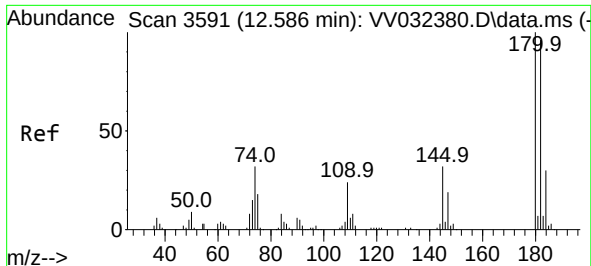
Tgt Ion:146 Resp: 96061
Ion Ratio Lower Upper
146 100
111 41.4 32.8 49.2
148 64.8 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.456 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.003 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion: 75 Resp: 6121
Ion Ratio Lower Upper
75 100
155 80.6 70.2 105.4
157 110.8 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.253 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

Instrument :

MSVOA_V

ClientSampleId :

DCJV0MS

Tgt Ion:180 Resp: 73051

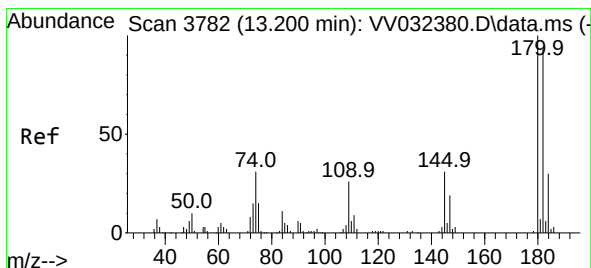
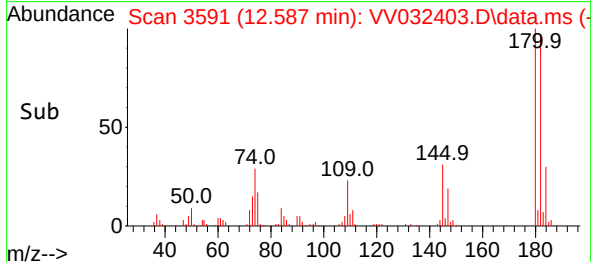
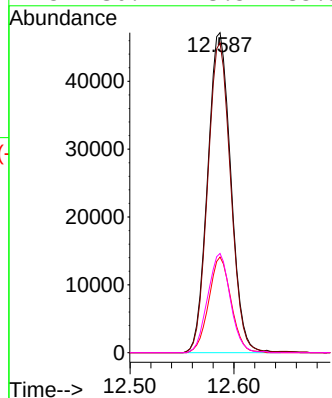
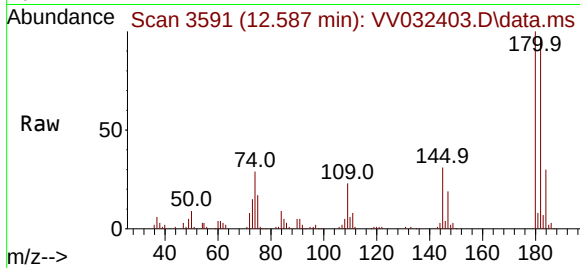
Ion Ratio Lower Upper

180 100

182 95.6 74.6 112.0

184 28.7 24.1 36.1

145 30.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 3.973 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032403.D

Acq: 11 Oct 2023 19:09

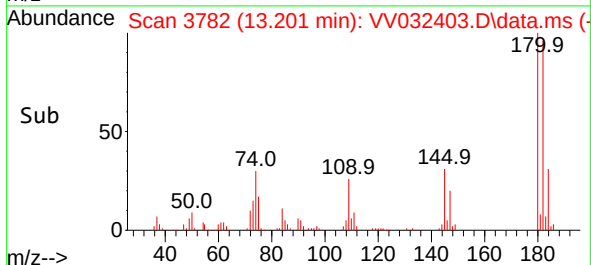
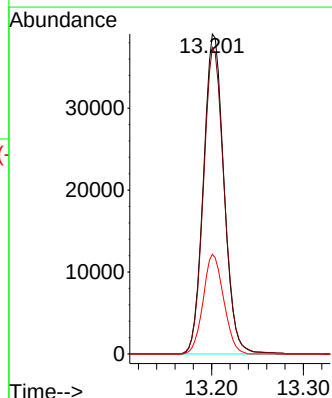
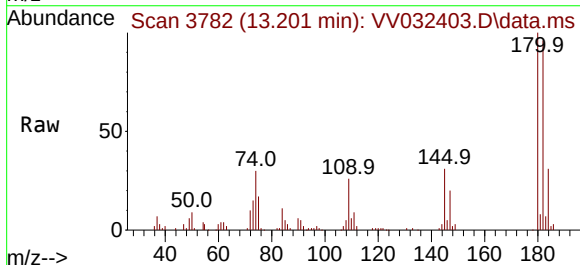
Tgt Ion:180 Resp: 60533

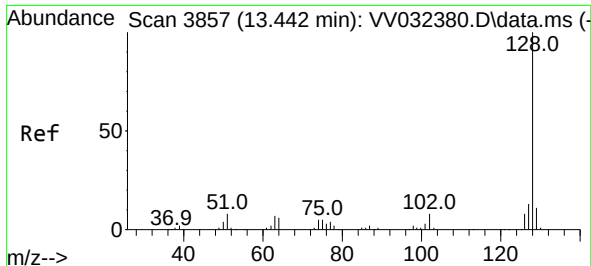
Ion Ratio Lower Upper

180 100

182 97.1 76.5 114.7

145 31.2 24.3 36.5

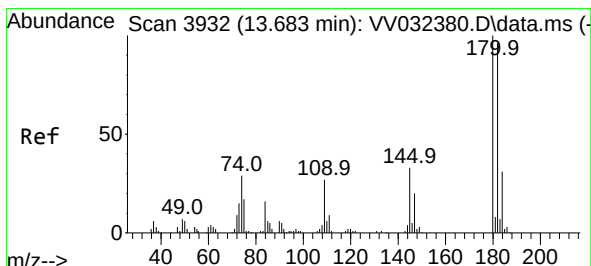
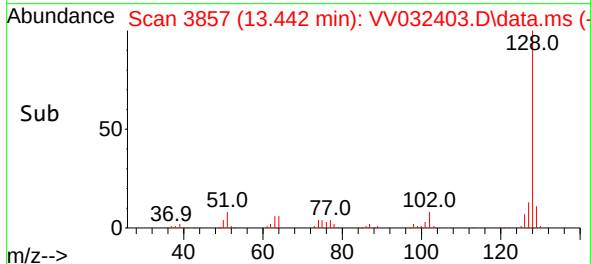
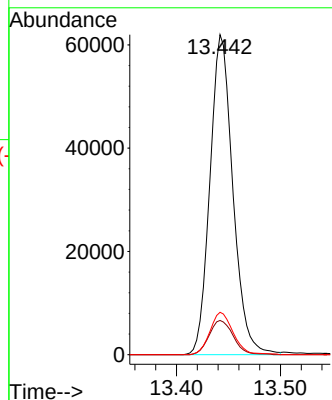
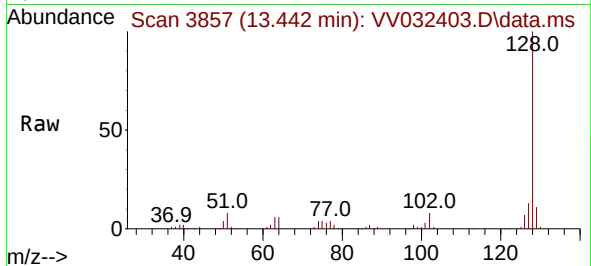




#71
Naphthalene
Concen: 3.676 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Instrument :
MSVOA_V
ClientSampleId :
DCJV0MS

Tgt Ion:128 Resp: 95143
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.270 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032403.D
Acq: 11 Oct 2023 19:09

Tgt Ion:180 Resp: 56057
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.4
145 31.7 25.7 38.5

