

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101023\
 Data File : VW032378.D
 Acq On : 10 Oct 2023 16:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 02:00:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41547	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.532	69	33823	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	16766	4.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.809	46	96323	40.964	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.920%
24) Chloroform-d	4.252	84	72884	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	33972	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.963	84	137833	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	5.995	67	42749	3.517	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.400%
41) Toluene-d8	7.246	98	137030	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	16929	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.030	63	88716	43.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36002	4.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	49362	4.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	64093	5.032	ug/L	98
3) Chloromethane	1.217	50	61881	4.820	ug/L	99
5) Vinyl chloride	1.281	62	60331	4.927	ug/L	99
6) Bromomethane	1.487	94	33995	4.595	ug/L	98
8) Chloroethane	1.548	64	37970	5.150	ug/L	97
9) Trichlorofluoromethane	1.712	101	75386	5.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46202	5.192	ug/L	100
12) 1,1-Dichloroethene	2.069	96	40198	4.796	ug/L	93
13) Acetone	2.134	43	87855	48.476	ug/L	99
14) Carbon disulfide	2.240	76	126053	4.302	ug/L	99
15) Methyl Acetate	2.384	43	17984	4.408	ug/L	91
16) Methylene chloride	2.449	84	52839	4.835	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	101997	4.470	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	44034	4.586	ug/L	98
19) 1,1-Dichloroethane	3.114	63	82736	4.581	ug/L	99
21) 2-Butanone	3.886	43	124240	43.837	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	47319	4.577	ug/L	93
23) Bromochloromethane	4.153	128	21182	4.870	ug/L	96
25) Chloroform	4.281	83	85848	4.844	ug/L	97

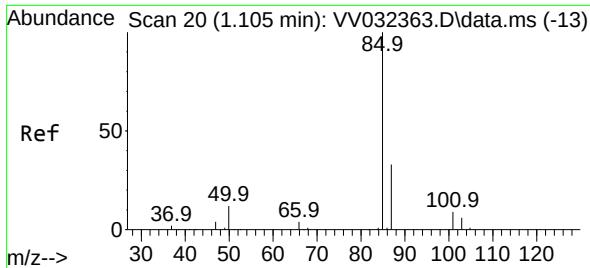
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	48838	4.665	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	70347	4.150	ug/L	98
30) Cyclohexane	4.587	56	68008	3.651	ug/L	98
31) Carbon tetrachloride	4.738	117	60413	4.212	ug/L	99
33) Benzene	5.014	78	180404	4.110	ug/L	100
34) Trichloroethene	5.838	95	47088	3.930	ug/L	98
35) Methylcyclohexane	6.053	83	65014	3.506	ug/L	91
37) 1,2-Dichloropropane	6.098	63	46422	3.955	ug/L	100
38) Bromodichloromethane	6.436	83	61876	4.436	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	69380	4.153	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	315350	42.453	ug/L	100
42) Toluene	7.317	91	206708	4.418	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	55503	4.043	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	37176	4.490	ug/L	99
47) Tetrachloroethene	7.908	164	38703	4.259	ug/L	98
48) 2-Hexanone	8.079	43	234306	44.707	ug/L	100
49) Dibromochloromethane	8.181	129	39656	4.600	ug/L	98
50) 1,2-Dibromoethane	8.288	107	34681	4.428	ug/L	98
51) Chlorobenzene	8.818	112	130265	4.324	ug/L	99
52) Ethylbenzene	8.950	91	219328	4.210	ug/L	99
53) m,p-Xylene	9.075	106	83245	4.308	ug/L	99
54) o-Xylene	9.480	106	80118	4.303	ug/L	98
55) Styrene	9.500	104	140582	4.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	41288	4.532	ug/L	95
59) Bromoform	9.667	173	20205	4.223	ug/L	100
60) Isopropylbenzene	9.870	105	217738	4.258	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30290	4.325	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	171041	4.104	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	172923	4.167	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	103424	4.233	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	104098	4.247	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	97589	4.380	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6179	4.318	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	72473	4.051	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	61857	3.898	ug/L	99
71) Naphthalene	13.442	128	97696	3.624	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56215	4.111	ug/L	99

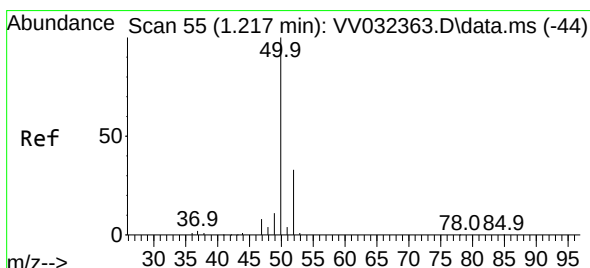
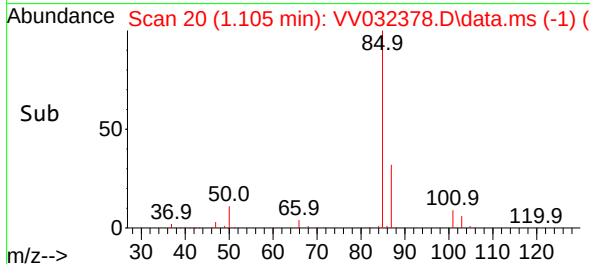
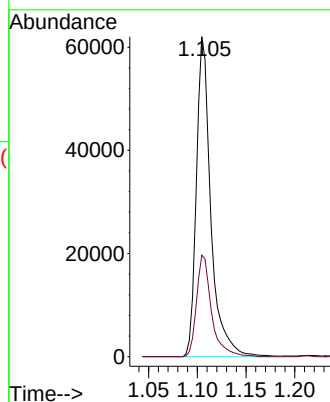
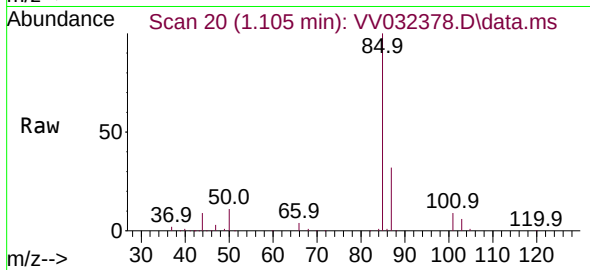
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.032 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

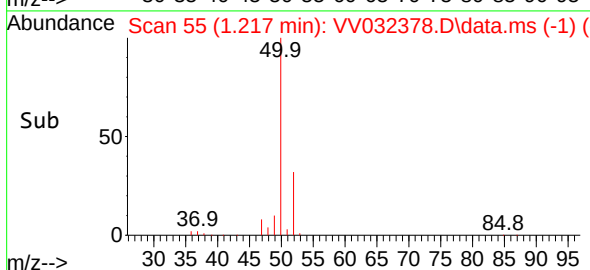
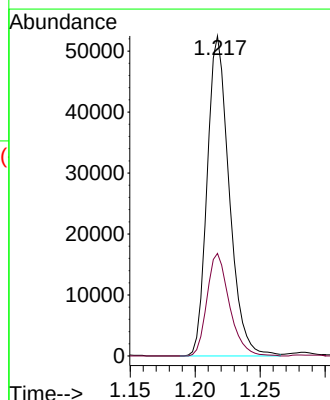
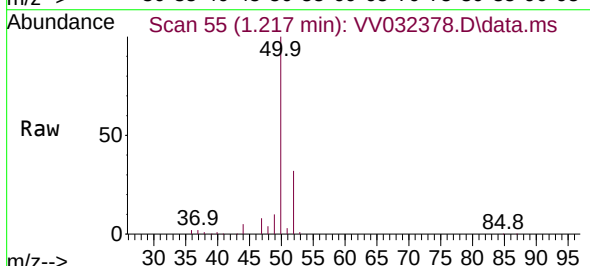
Instrument :
 MSVOA_V
 ClientSampleId :

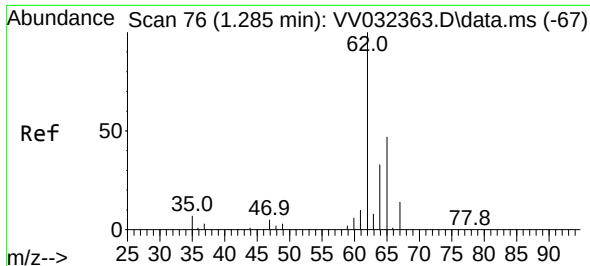
Tgt Ion: 85 Resp: 64093
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.5 38.3



#3
 Chloromethane
 Concen: 4.820 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Tgt Ion: 50 Resp: 61881
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.6

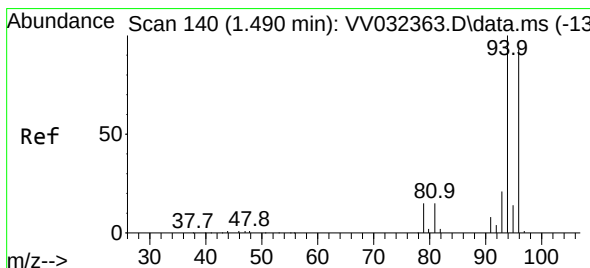
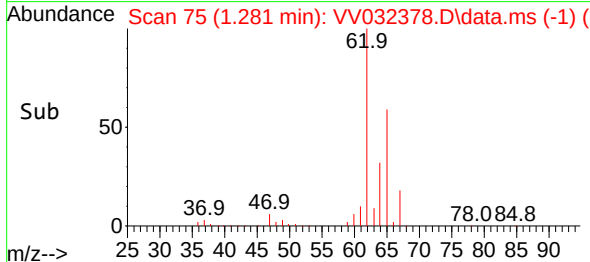
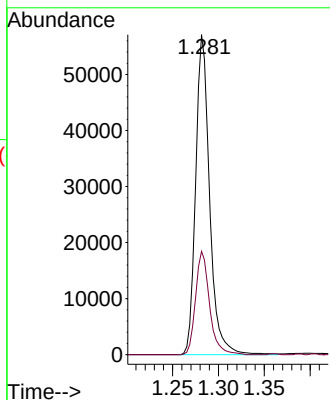
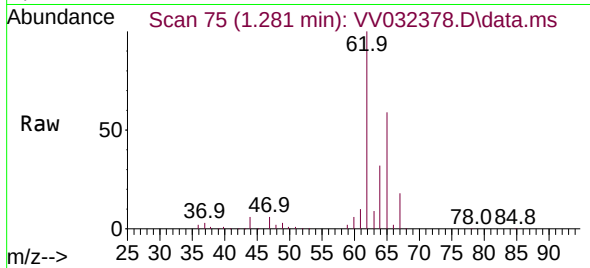




#5
 Vinyl chloride
 Concen: 4.927 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

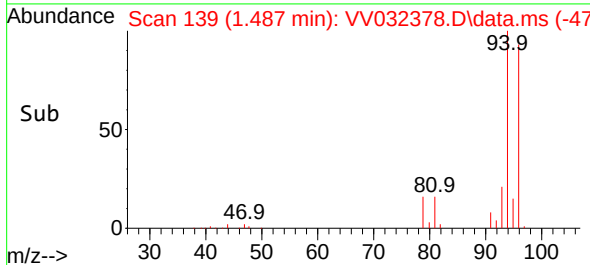
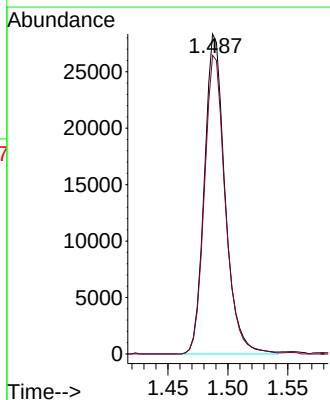
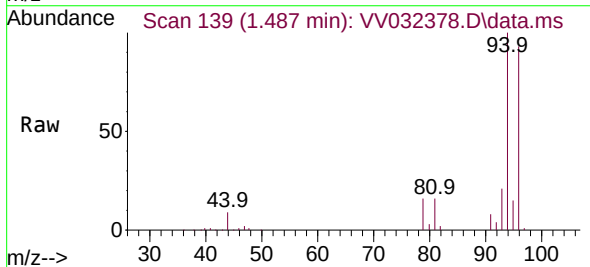
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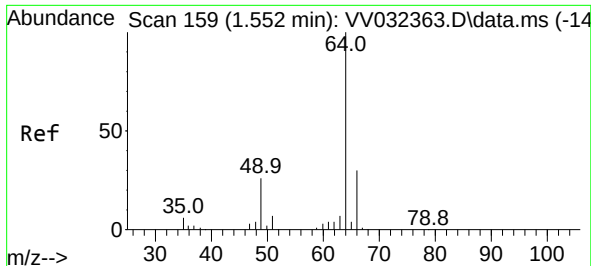
Tgt Ion: 62 Resp: 60331
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 4.595 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Tgt Ion: 94 Resp: 33995
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.8 124.2

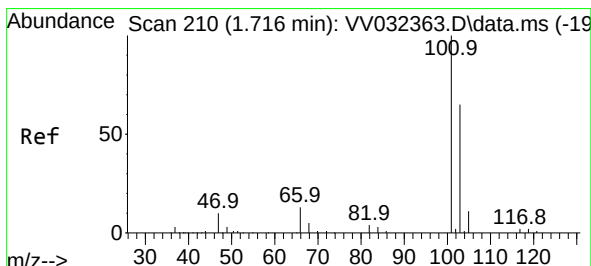
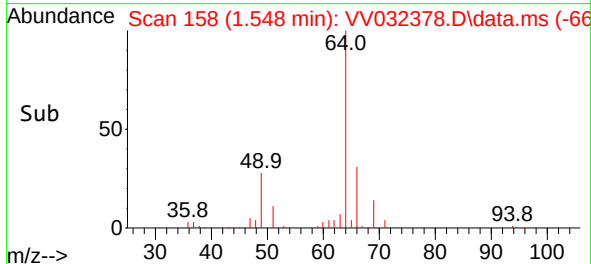
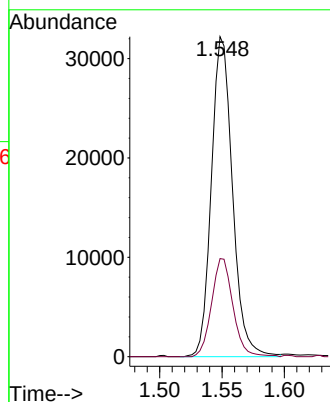
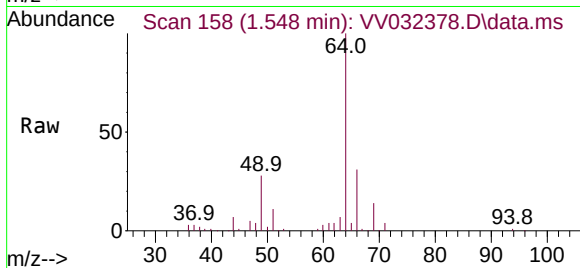




#8
Chloroethane
Concen: 5.150 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

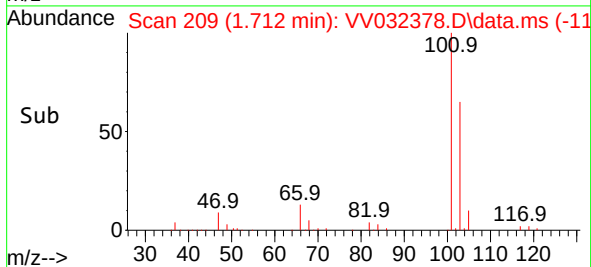
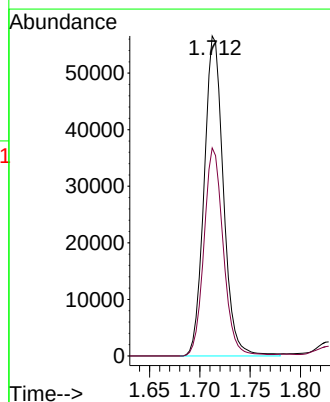
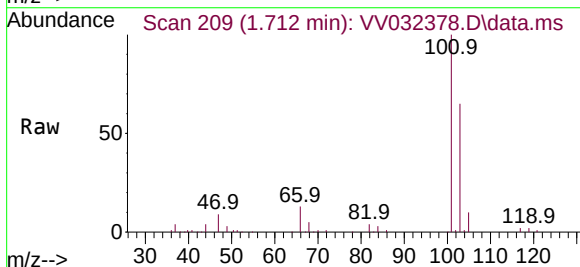
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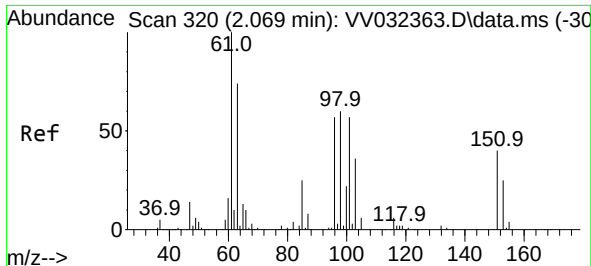
Tgt Ion: 64 Resp: 37970
Ion Ratio Lower Upper
64 100
66 30.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.133 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion:101 Resp: 75386
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

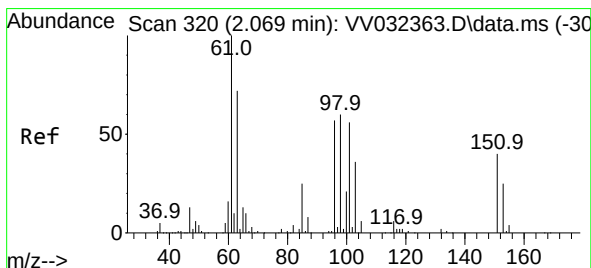
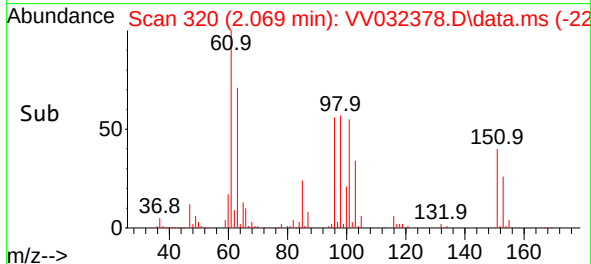
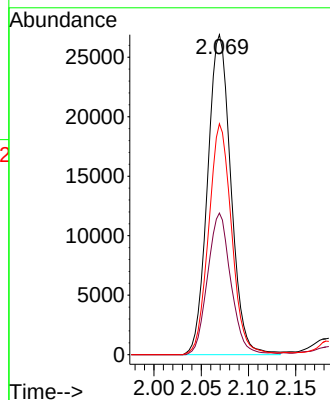
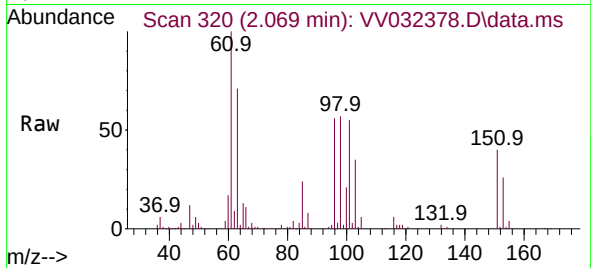




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.192 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

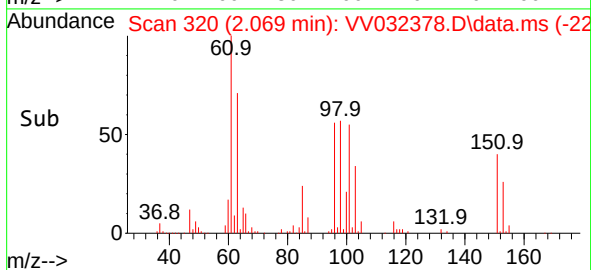
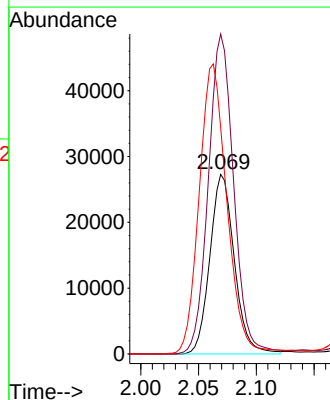
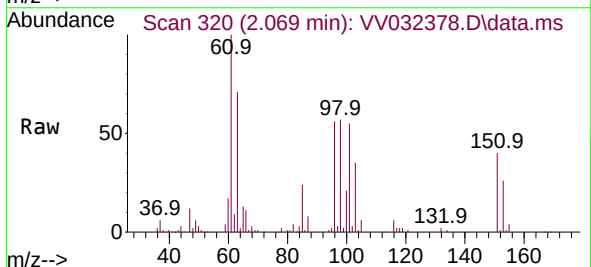
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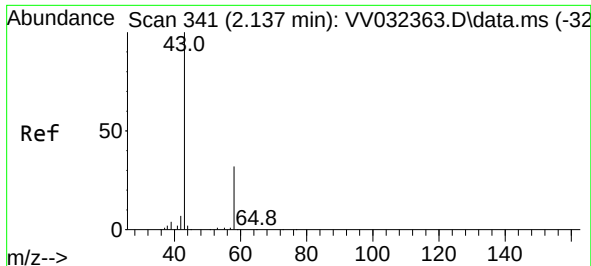
Tgt Ion:101 Resp: 46202
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.0 52.6
 151 71.1 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.796 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Tgt Ion: 96 Resp: 40198
 Ion Ratio Lower Upper
 96 100
 61 178.2 127.3 236.3
 63 126.1 98.3 182.7





#13

Acetone

Concen: 48.476 ug/L

RT: 2.134 min Scan# 341

Delta R.T. -0.003 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

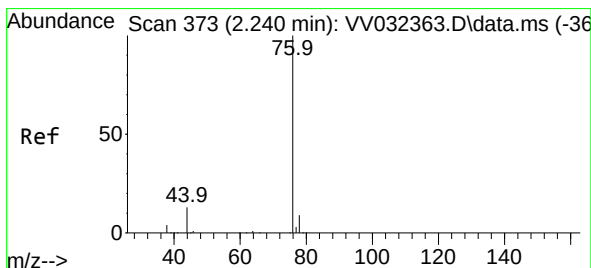
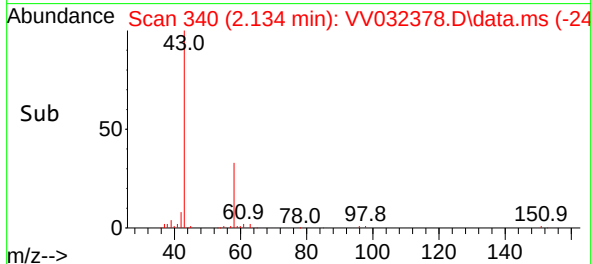
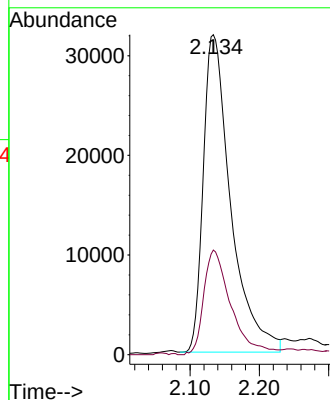
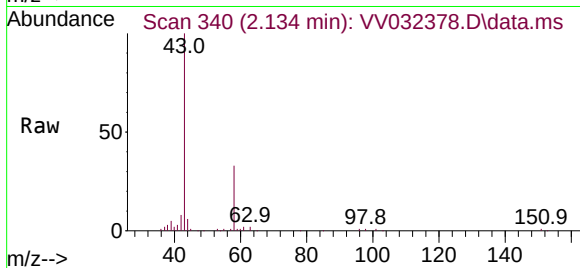
ClientSampleId :

Tgt Ion: 43 Resp: 87855

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#14

Carbon disulfide

Concen: 4.302 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032378.D

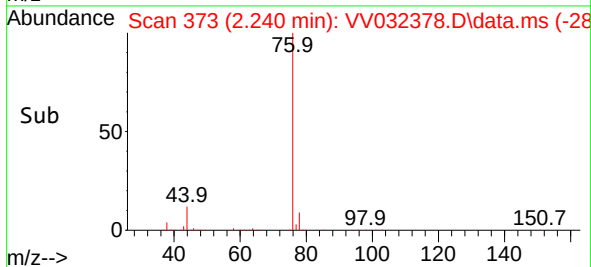
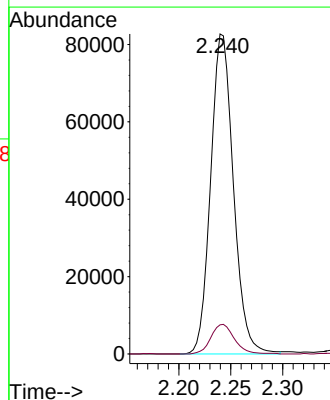
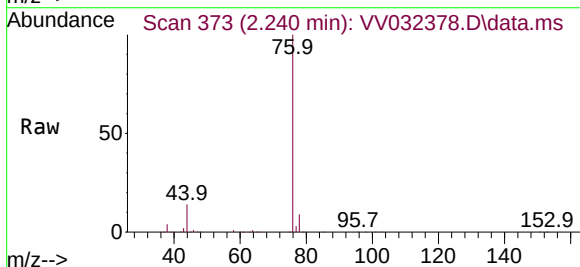
Acq: 10 Oct 2023 16:06

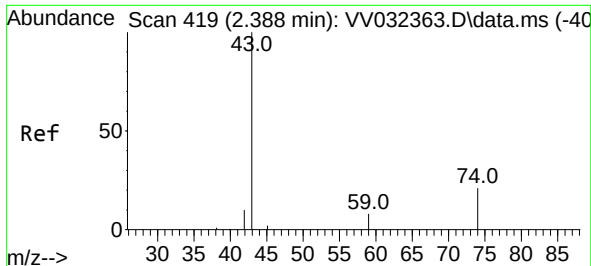
Tgt Ion: 76 Resp: 126053

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

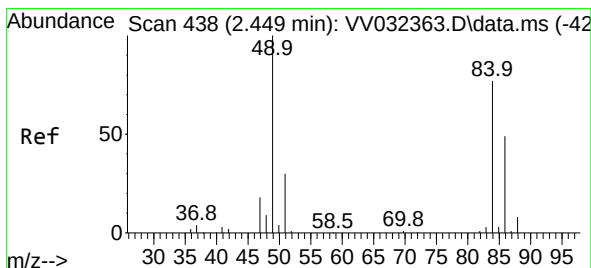
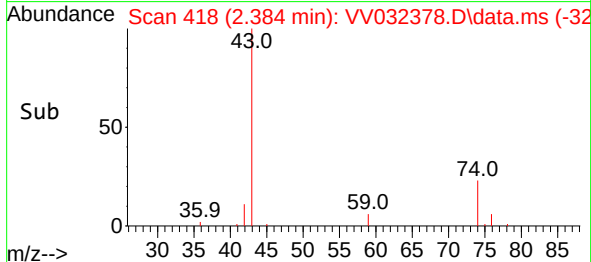
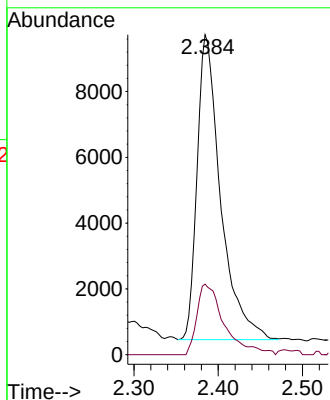
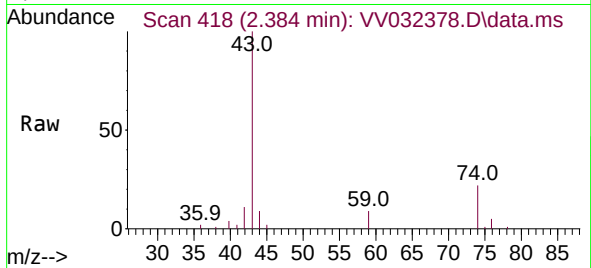




#15
Methyl Acetate
Concen: 4.408 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

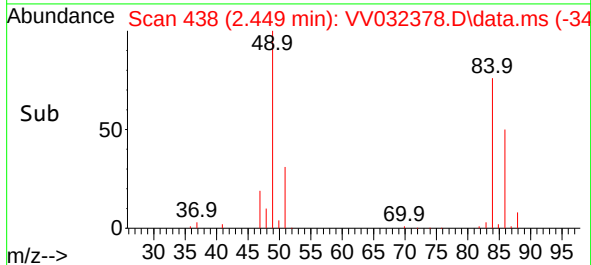
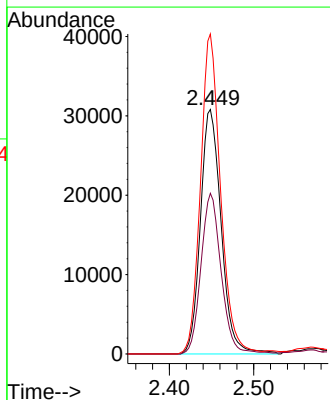
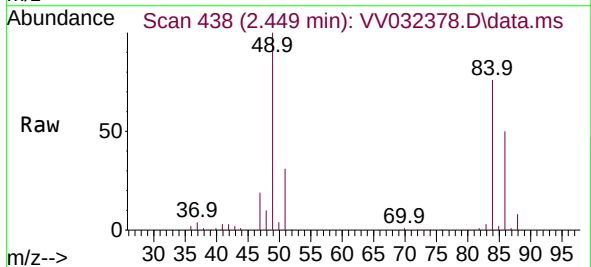
Instrument :
MSVOA_V
ClientSampleId :

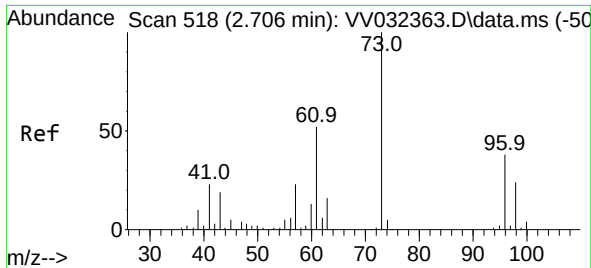
Tgt Ion: 43 Resp: 17984
Ion Ratio Lower Upper
43 100
74 26.9 18.0 27.0



#16
Methylene chloride
Concen: 4.835 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 84 Resp: 52839
Ion Ratio Lower Upper
84 100
86 65.7 43.2 80.2
49 130.9 86.3 160.3

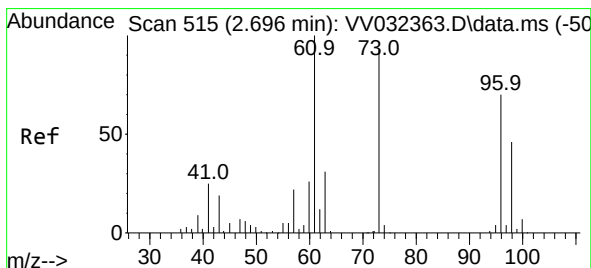
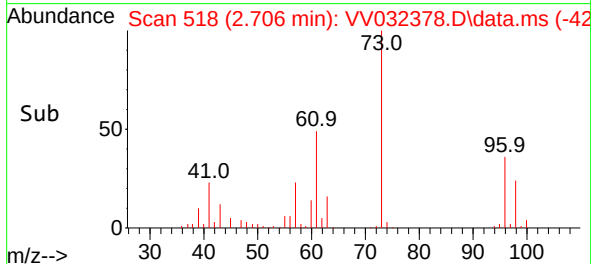
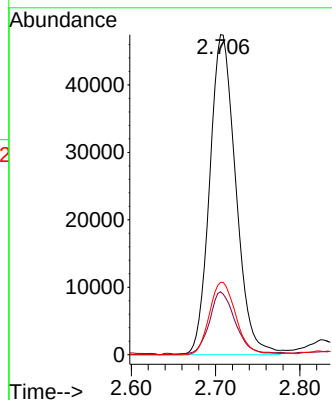
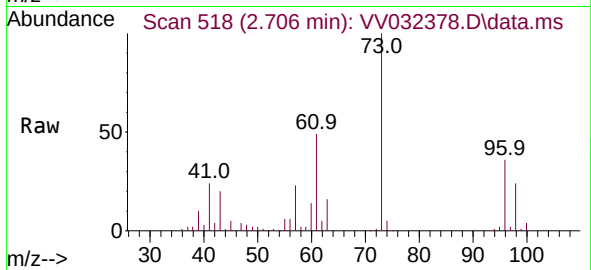




#17
Methyl tert-butyl Ether
Concen: 4.470 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

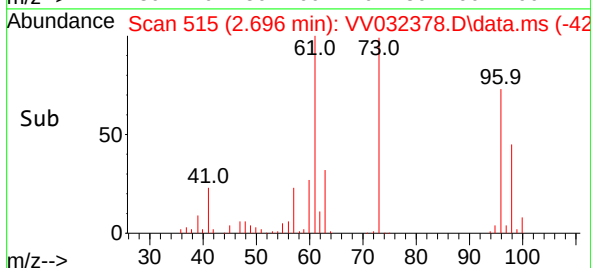
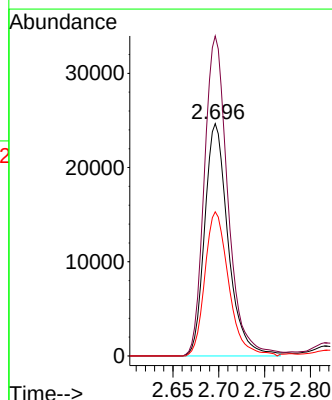
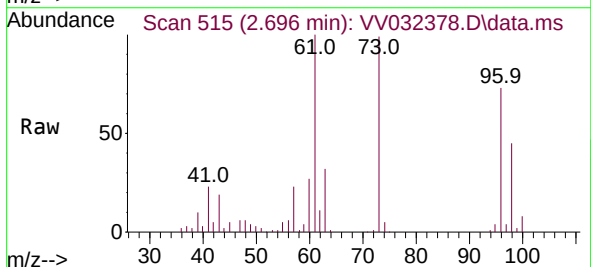
Instrument :
MSVOA_V
ClientSampleId :

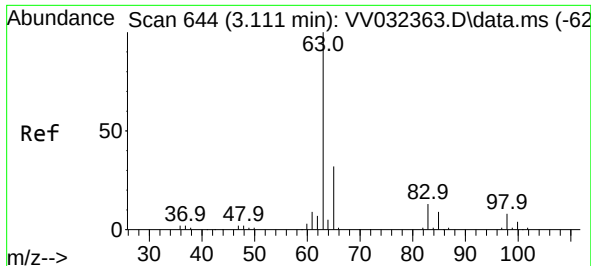
Tgt Ion: 73 Resp: 101997
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7
57 23.1 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.586 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 96 Resp: 44034
Ion Ratio Lower Upper
96 100
61 137.7 96.9 180.1
98 62.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.581 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032378.D

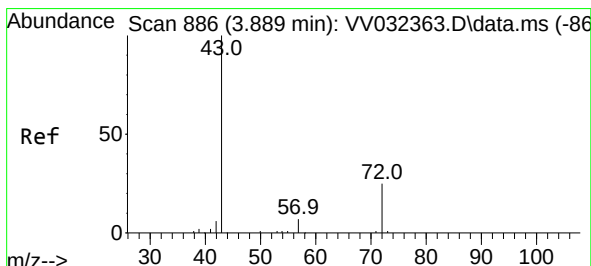
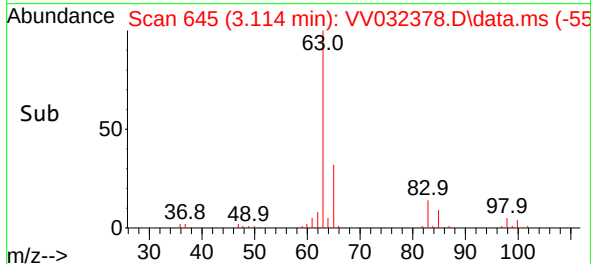
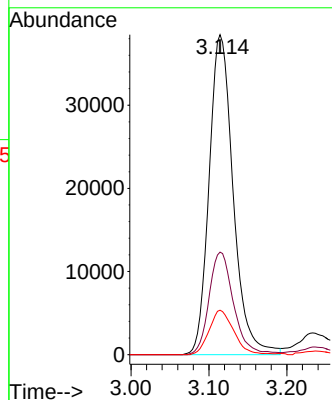
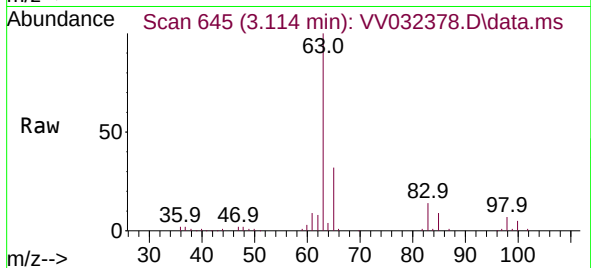
Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	82736
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.5
83	13.9	9.0	16.6



#21

2-Butanone

Concen: 43.837 ug/L

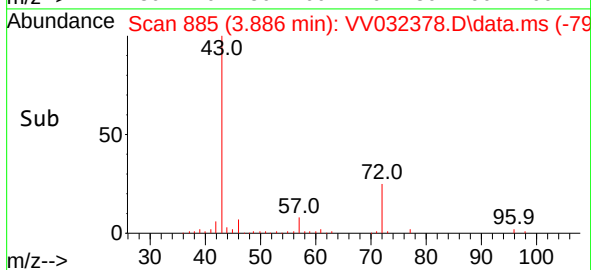
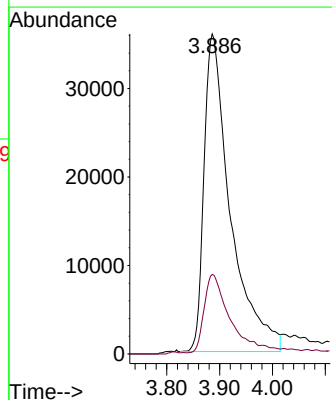
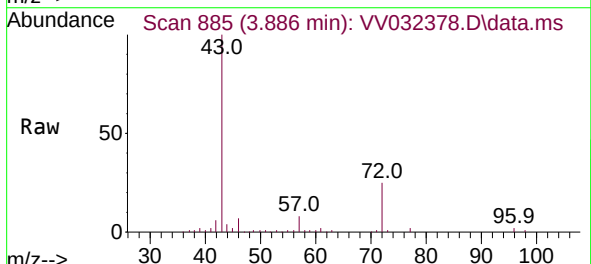
RT: 3.886 min Scan# 885

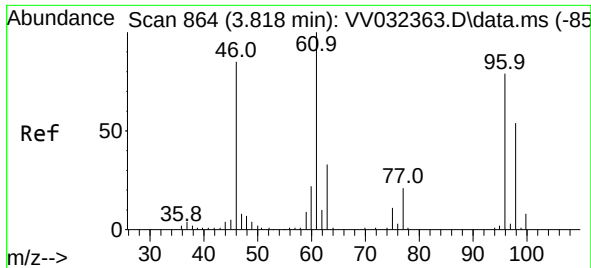
Delta R.T. -0.003 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

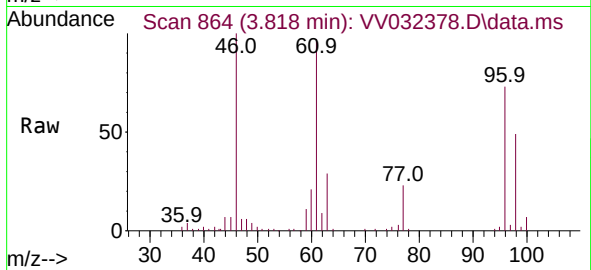
Tgt Ion:	43	Resp:	124240
Ion	Ratio	Lower	Upper
43	100		
72	23.2	11.6	34.8





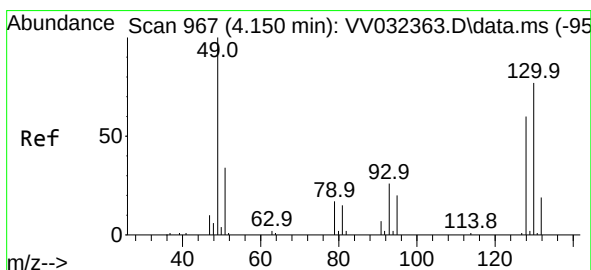
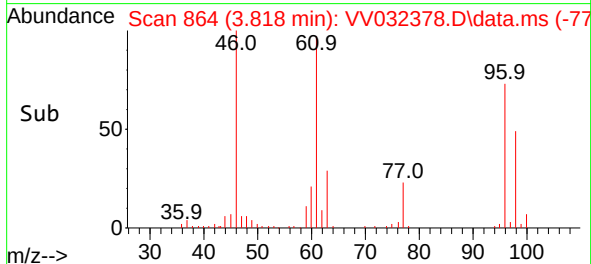
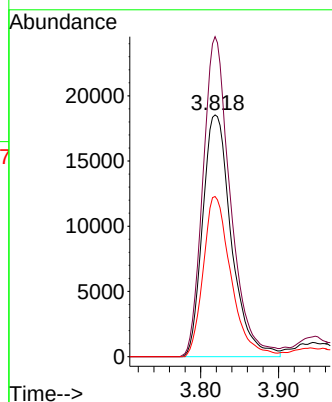
#22
 cis-1,2-Dichloroethene
 Concen: 4.577 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 47319

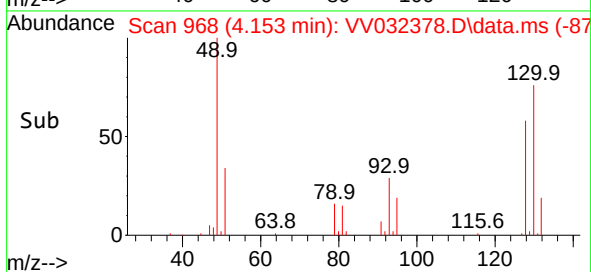
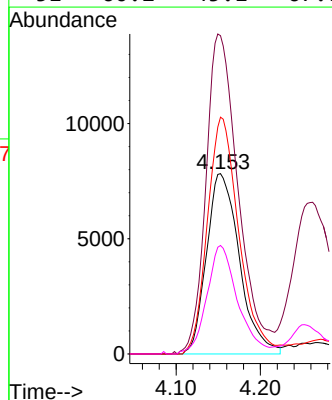
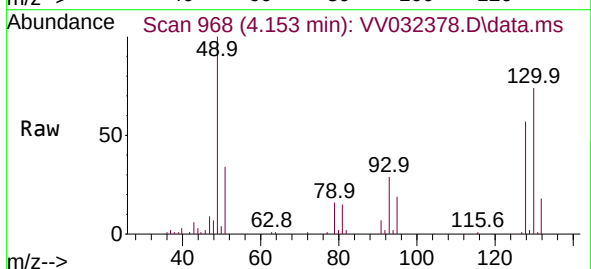
Ion	Ratio	Lower	Upper
96	100		
61	132.4	85.8	159.4
98	66.3	44.0	81.6

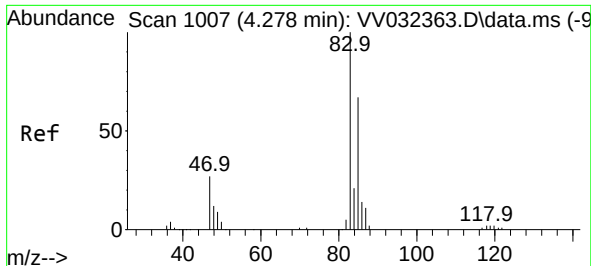


#23
 Bromochloromethane
 Concen: 4.870 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Tgt Ion: 128 Resp: 21182

Ion	Ratio	Lower	Upper
128	100		
49	176.5	121.2	225.0
130	131.3	88.2	163.8
51	60.2	45.1	67.7

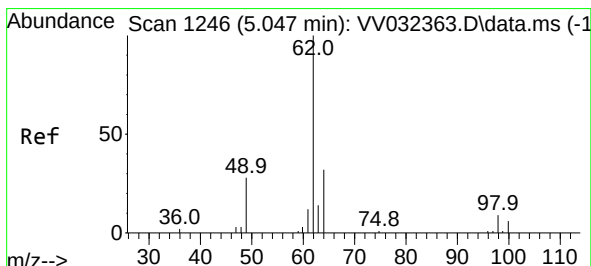
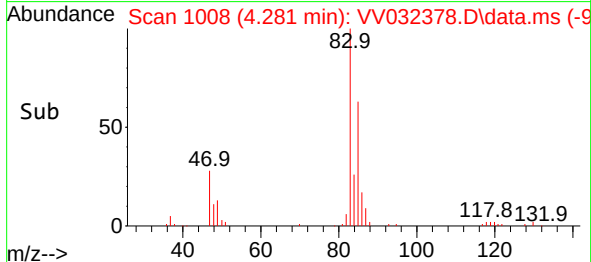
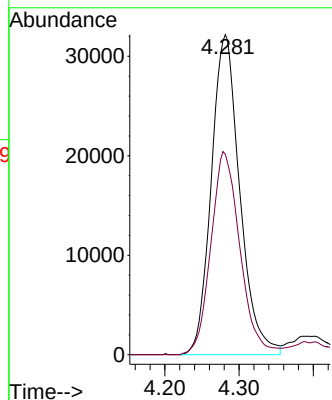
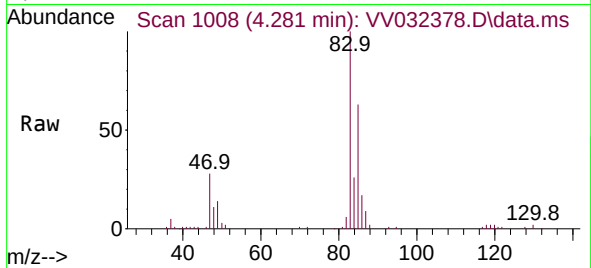




#25
Chloroform
Concen: 4.844 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

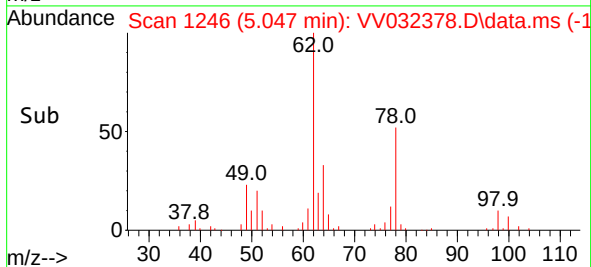
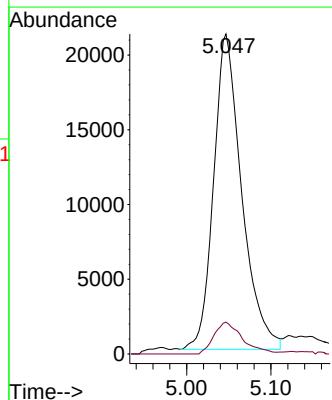
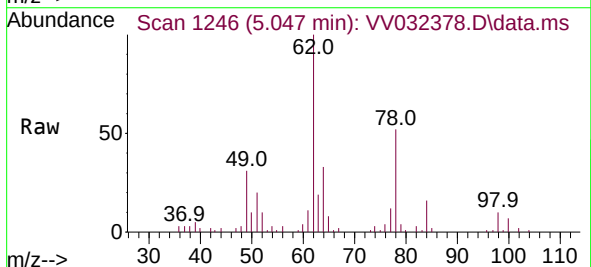
Instrument :
MSVOA_V
ClientSampleId :

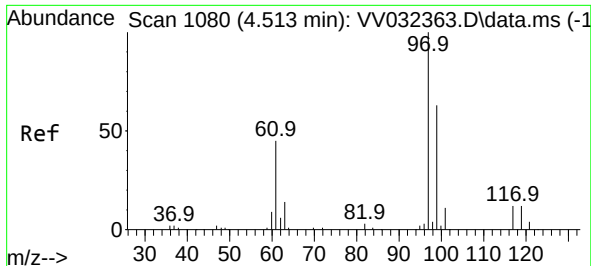
Tgt Ion: 83 Resp: 85848
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.665 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 62 Resp: 48838
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.150 ug/L

RT: 4.516 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

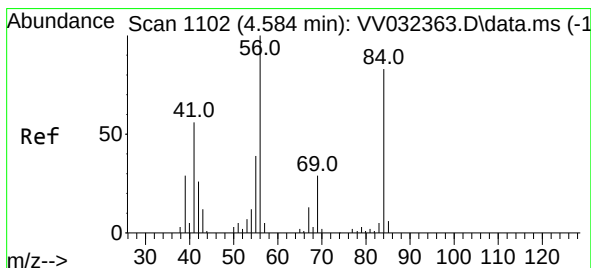
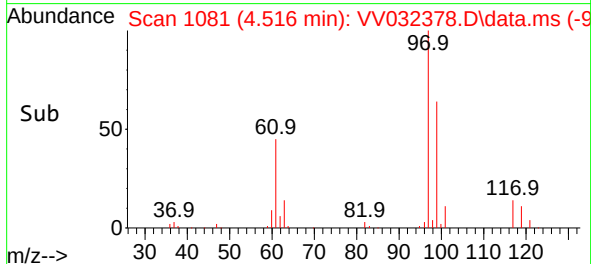
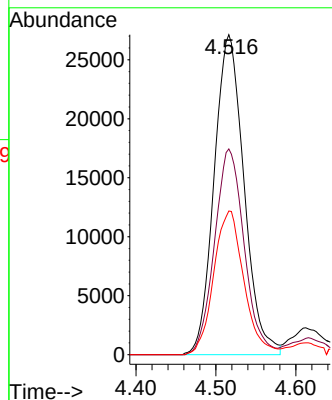
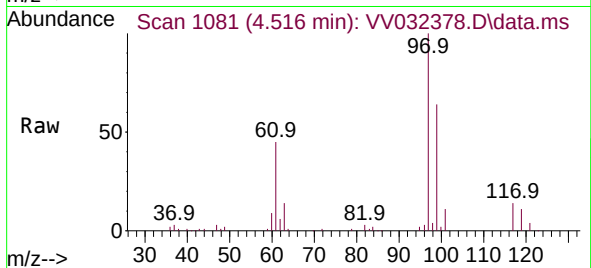
Tgt Ion: 97 Resp: 70347

Ion Ratio Lower Upper

97 100

99 63.9 50.1 75.1

61 45.5 35.1 52.7



#30

Cyclohexane

Concen: 3.651 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

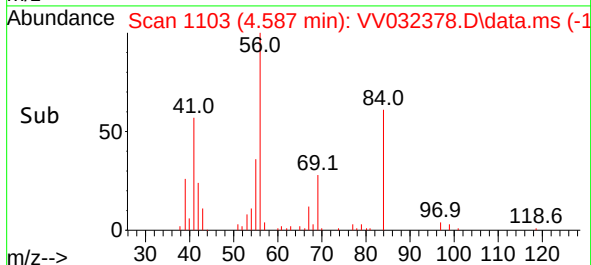
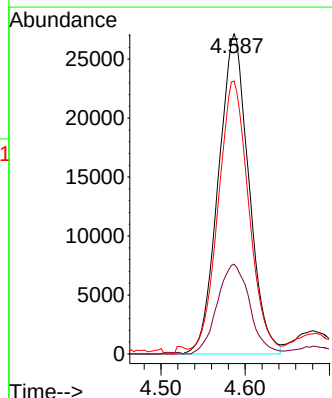
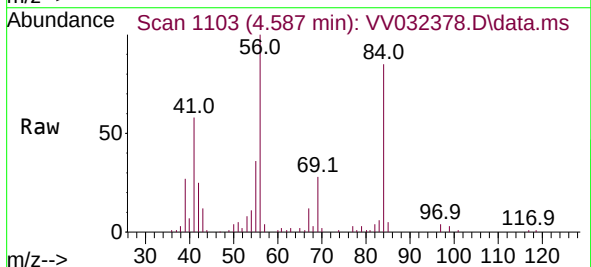
Tgt Ion: 56 Resp: 68008

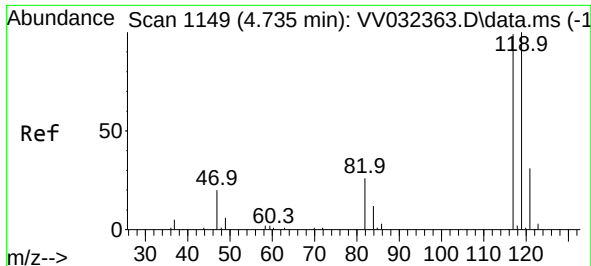
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 83.3 68.1 102.1

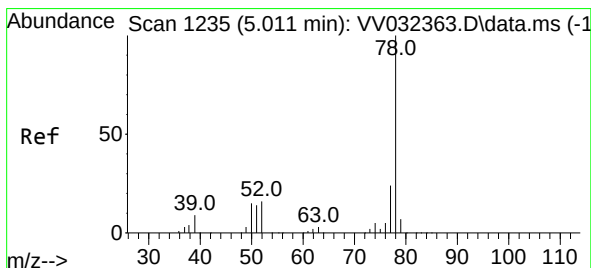
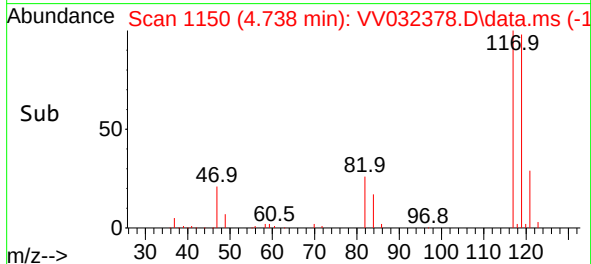
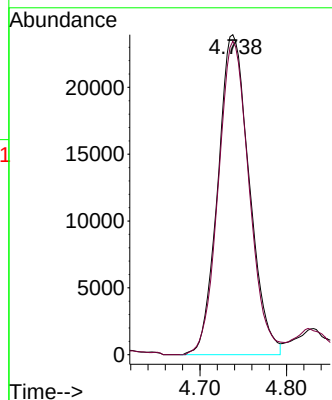
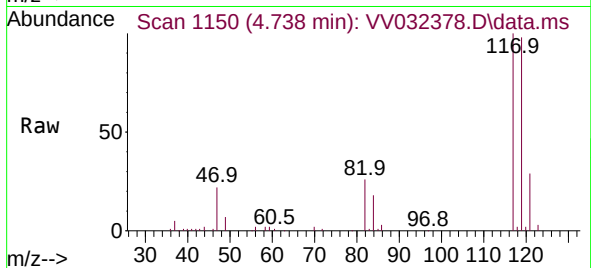




#31
Carbon tetrachloride
Concen: 4.212 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

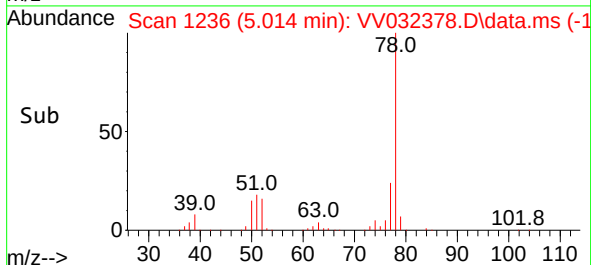
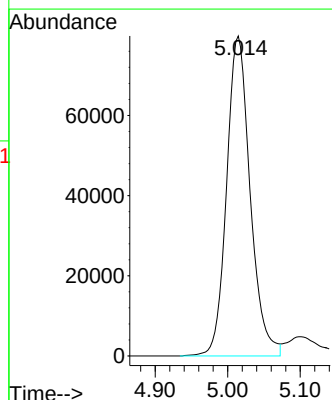
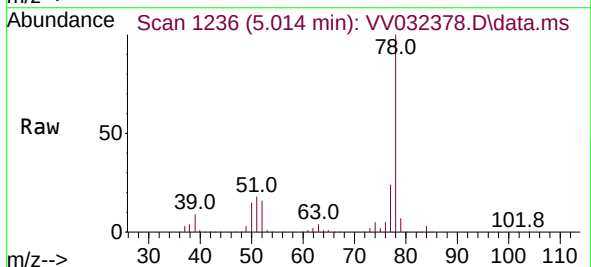
Instrument :
MSVOA_V
ClientSampleId :

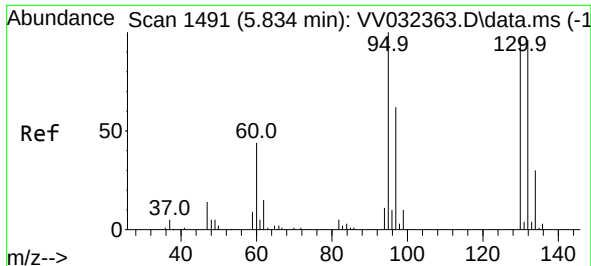
Tgt Ion:117 Resp: 60413
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4



#33
Benzene
Concen: 4.110 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 78 Resp: 180404

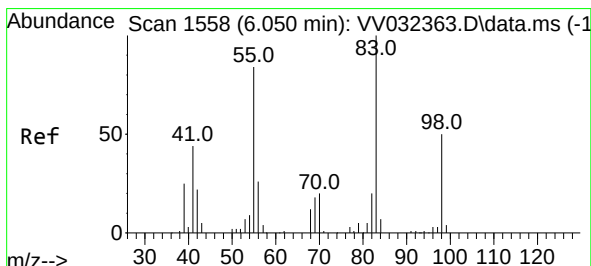
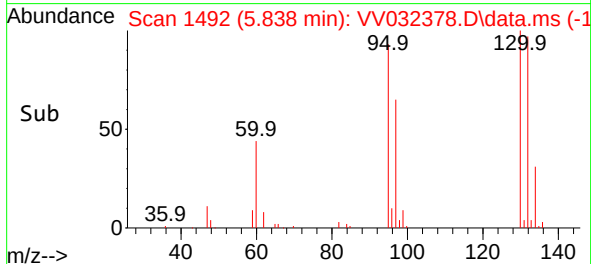
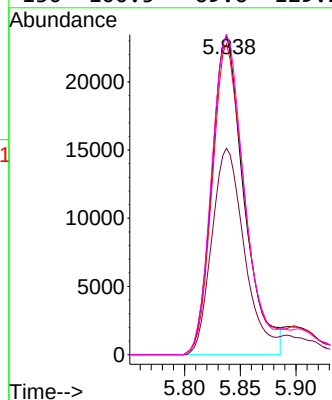
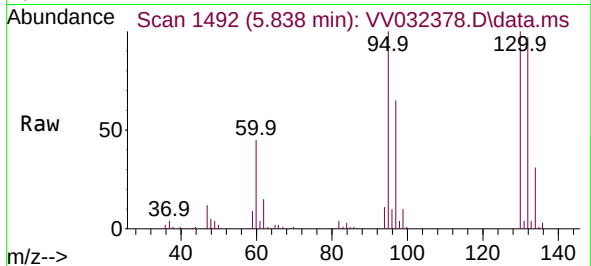




#34
Trichloroethene
Concen: 3.930 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

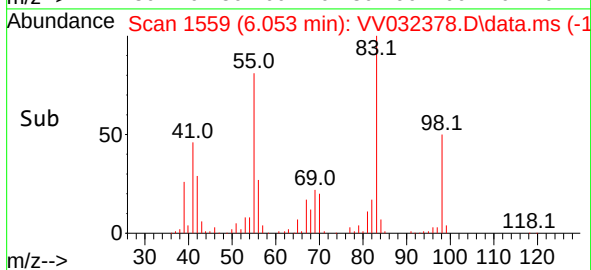
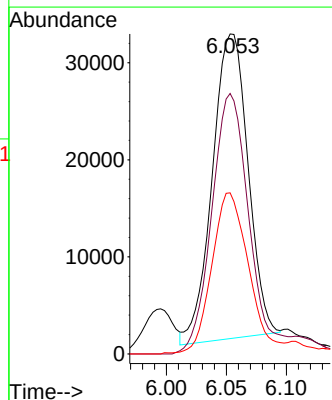
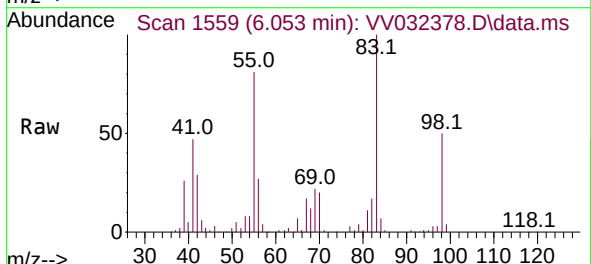
Instrument :
MSVOA_V
ClientSampleId :

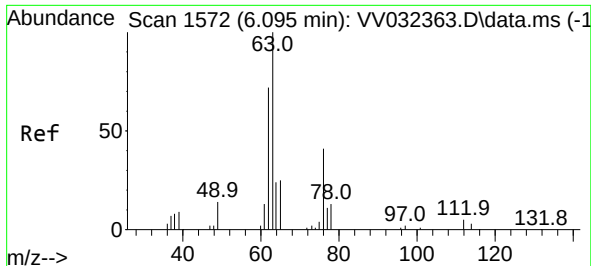
Tgt Ion: 95 Resp: 47088
Ion Ratio Lower Upper
95 100
97 64.8 45.7 84.9
132 97.6 70.3 130.5
130 100.5 69.6 129.2



#35
Methylcyclohexane
Concen: 3.506 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 83 Resp: 65014
Ion Ratio Lower Upper
83 100
55 89.6 64.2 96.2
98 54.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 3.955 ug/L

RT: 6.098 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

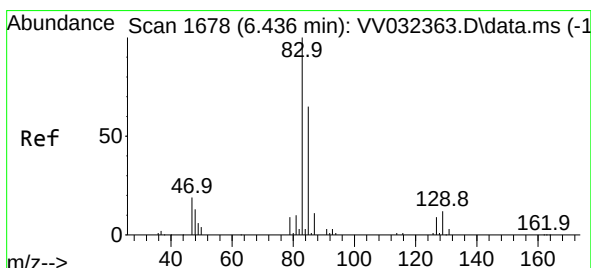
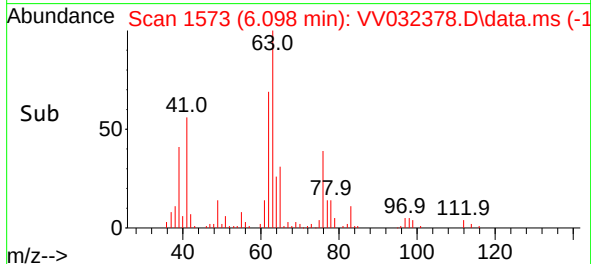
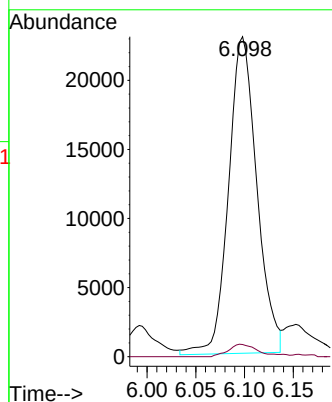
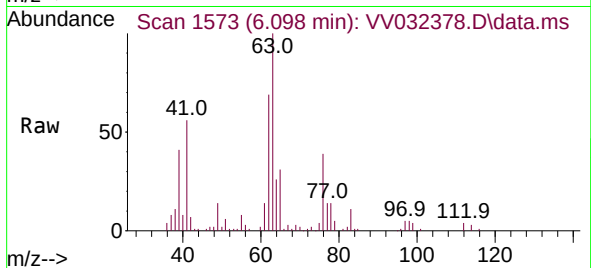
ClientSampleId :

Tgt Ion: 63 Resp: 46422

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 4.436 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

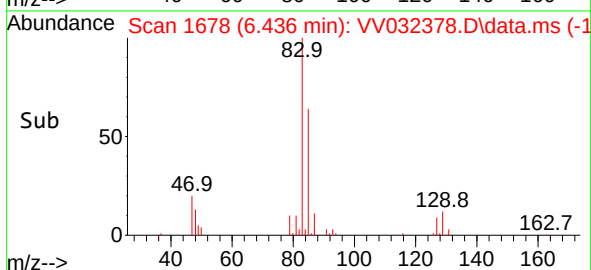
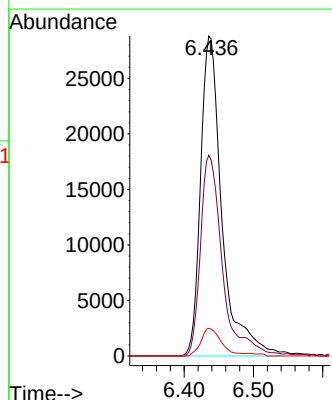
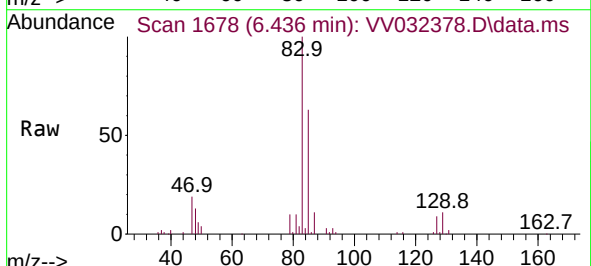
Tgt Ion: 83 Resp: 61876

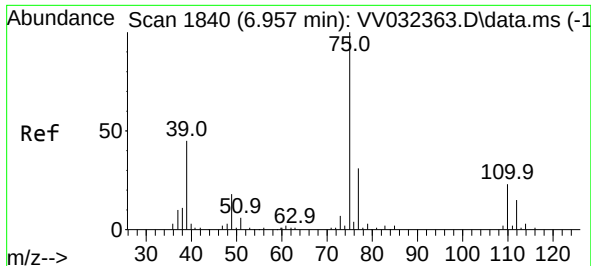
Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.3

127 8.7 6.9 10.3

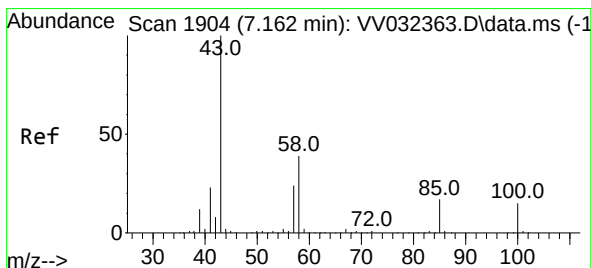
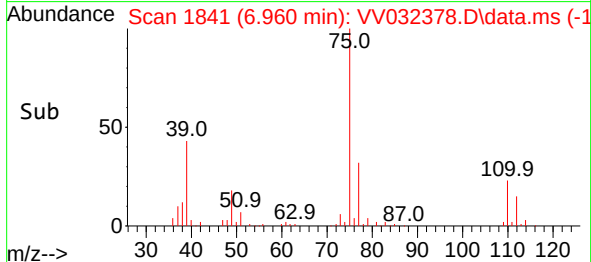
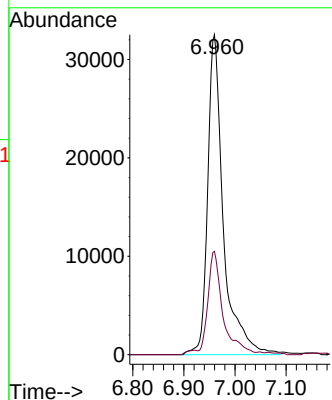
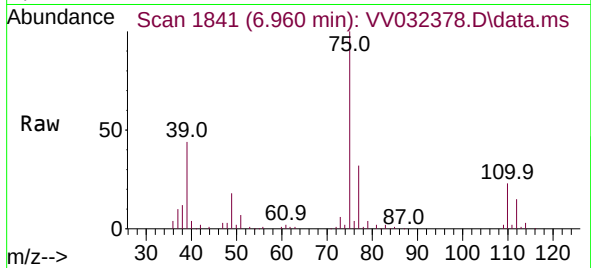




#39
 cis-1,3-Dichloropropene
 Concen: 4.153 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.003 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

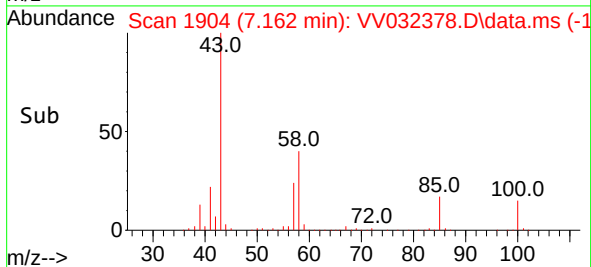
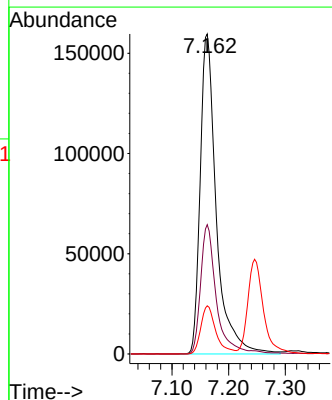
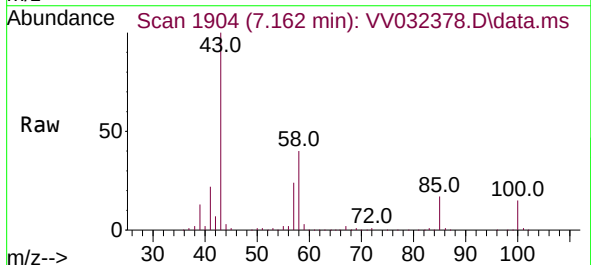
Instrument :
 MSVOA_V
 ClientSampleId :

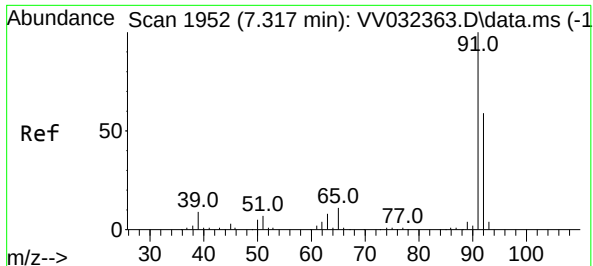
Tgt Ion: 75 Resp: 69380
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 42.453 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Tgt Ion: 43 Resp: 315350
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.9 47.9
 100 14.2 11.3 16.9





#42

Toluene

Concen: 4.418 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

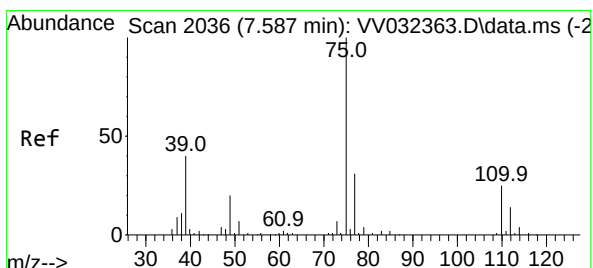
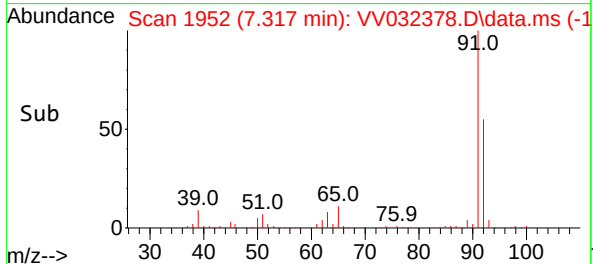
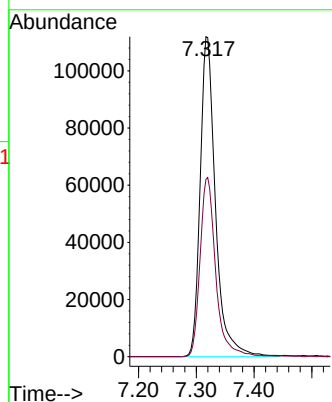
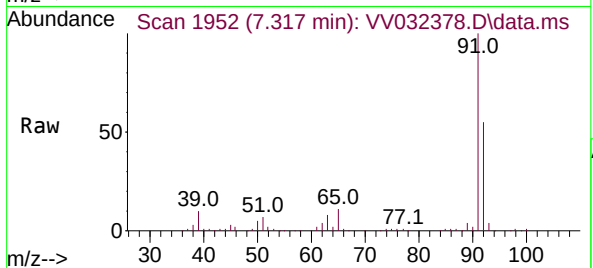
ClientSampleId :

Tgt Ion: 91 Resp: 206708

Ion Ratio Lower Upper

91 100

92 55.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.043 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV032378.D

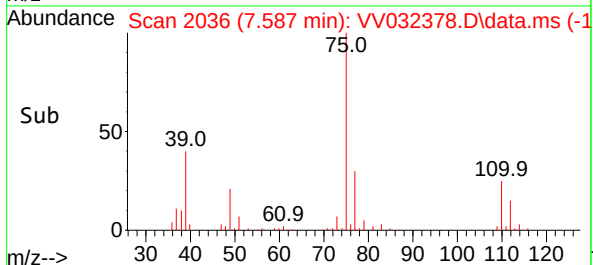
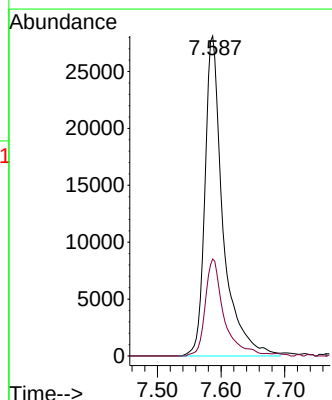
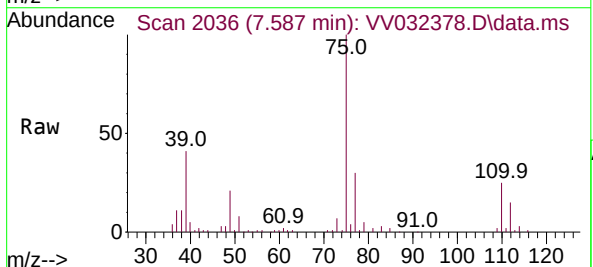
Acq: 10 Oct 2023 16:06

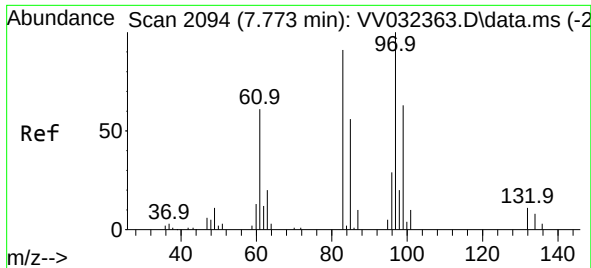
Tgt Ion: 75 Resp: 55503

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7

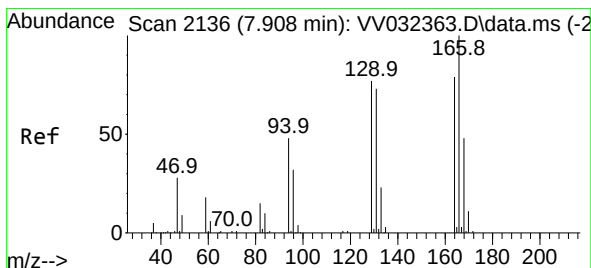
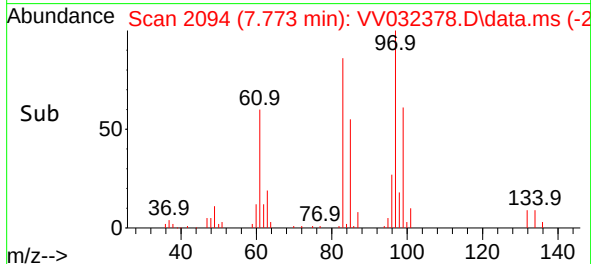
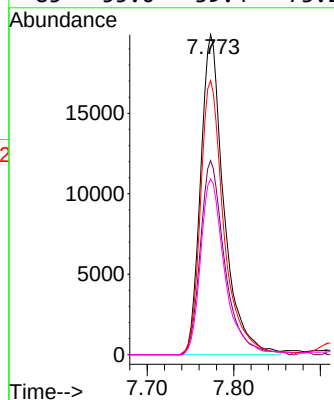
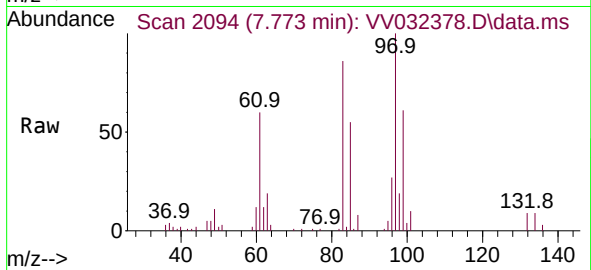




#45
1,1,2-Trichloroethane
Concen: 4.490 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

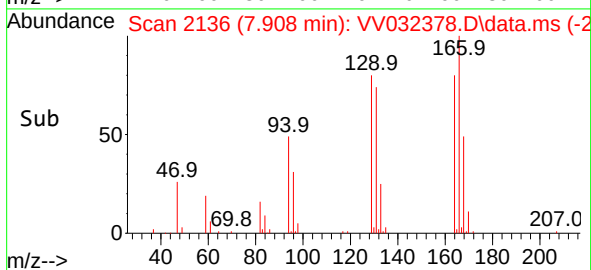
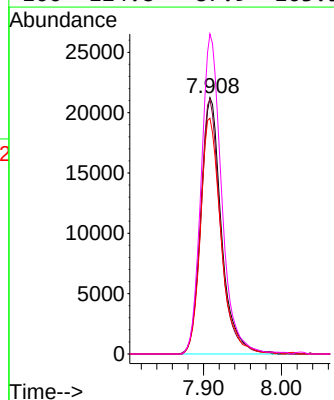
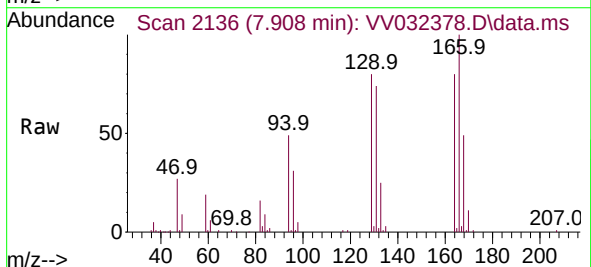
Instrument :
MSVOA_V
ClientSampleId :

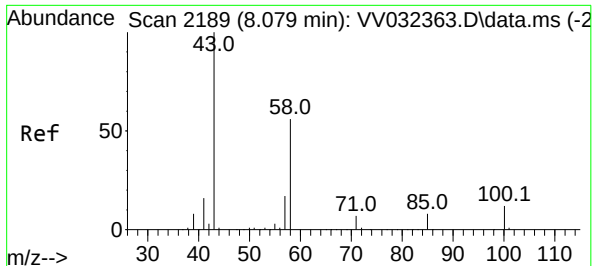
Tgt Ion: 97	Resp: 37176
Ion Ratio	Lower Upper
97 100	
99 60.6	42.8 79.4
83 85.7	60.9 113.1
85 55.0	39.4 73.2



#47
Tetrachloroethene
Concen: 4.259 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt	Ion:164	Resp:	38703
Ion	Ratio	Lower	Upper
164	100		
129	99.4	66.4	123.4
131	91.9	63.7	118.3
166	124.8	87.9	163.3





#48

2-Hexanone

Concen: 44.707 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 234306

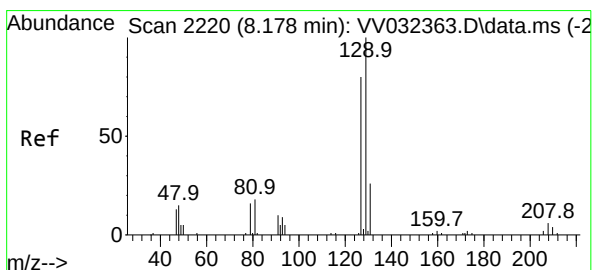
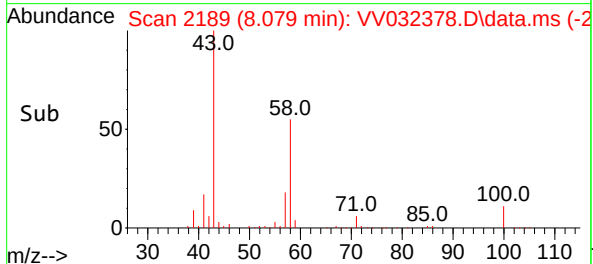
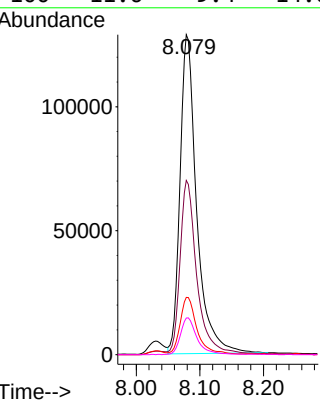
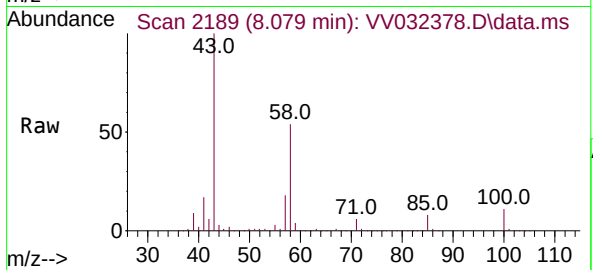
Ion Ratio Lower Upper

43 100

58 54.3 43.6 65.4

57 17.9 14.6 22.0

100 11.6 9.4 14.0



#49

Dibromochloromethane

Concen: 4.600 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. 0.003 min

Lab File: VV032378.D

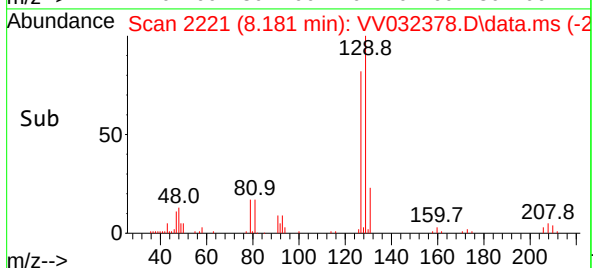
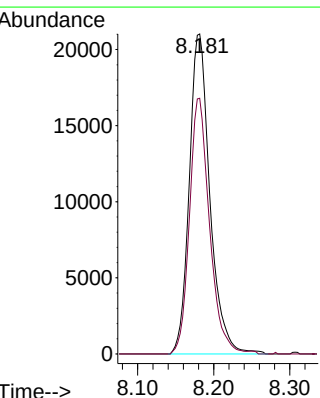
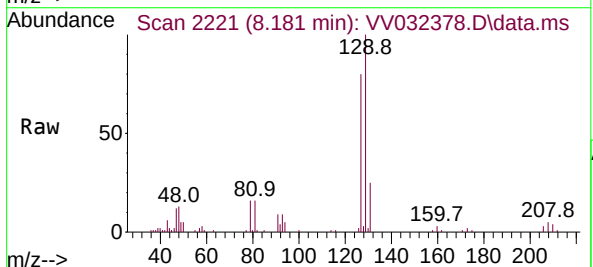
Acq: 10 Oct 2023 16:06

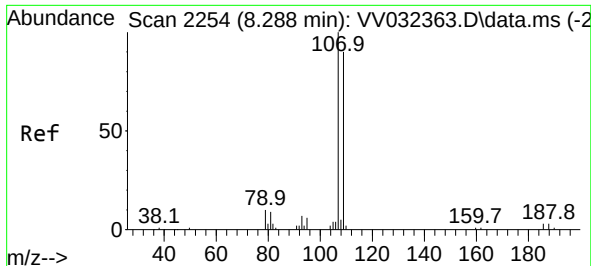
Tgt Ion: 129 Resp: 39656

Ion Ratio Lower Upper

129 100

127 79.9 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.428 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032378.D

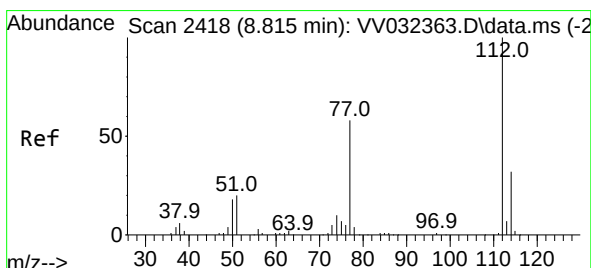
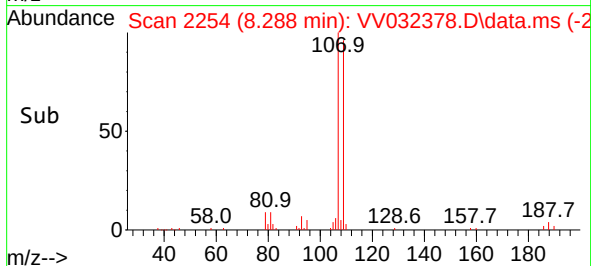
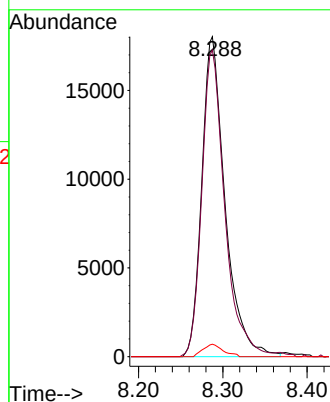
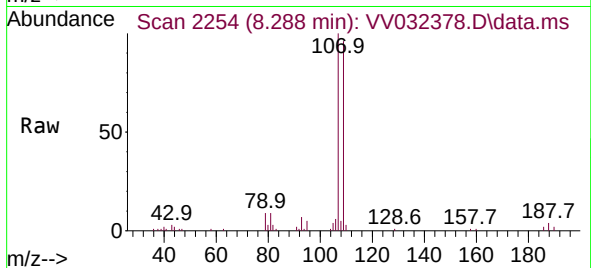
Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	34681
Ion	Ratio	Lower Upper
107	100	
109	95.8	68.4 127.0
188	3.9	3.2 4.8



#51

Chlorobenzene

Concen: 4.324 ug/L

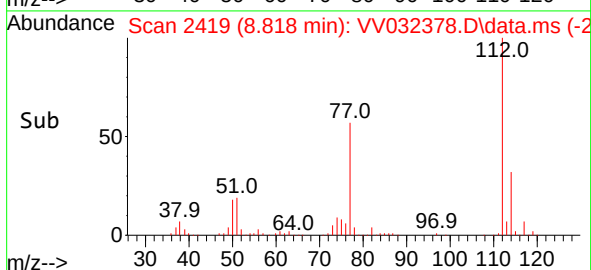
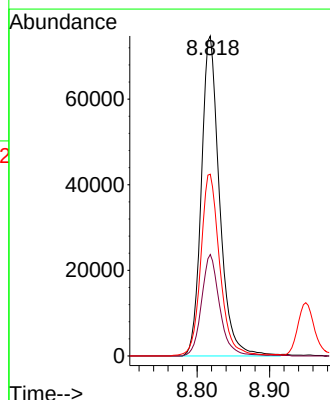
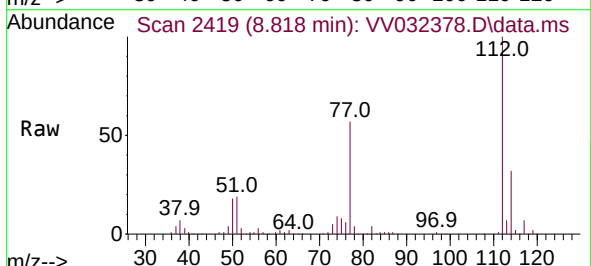
RT: 8.818 min Scan# 2419

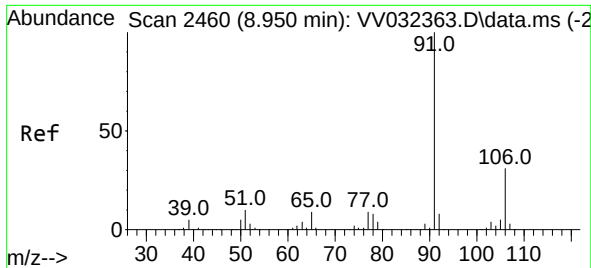
Delta R.T. 0.003 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Tgt Ion:112	Resp:	130265
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.1 41.1
77	56.8	46.1 69.1

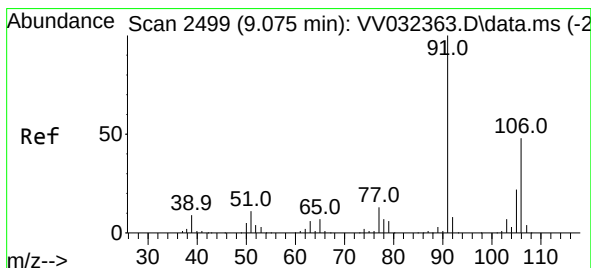
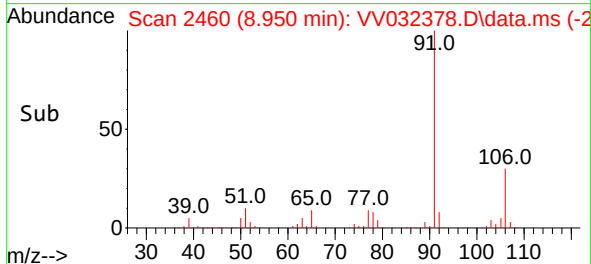
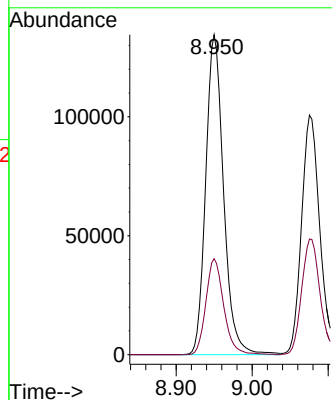
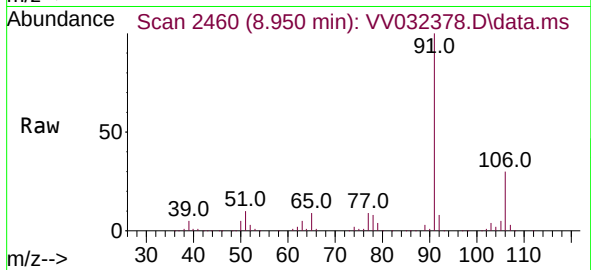




#52
Ethylbenzene
Concen: 4.210 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

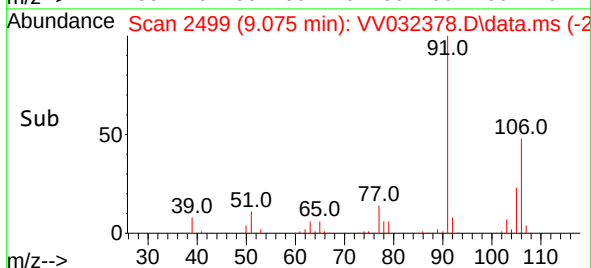
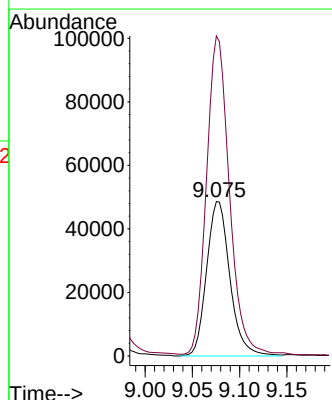
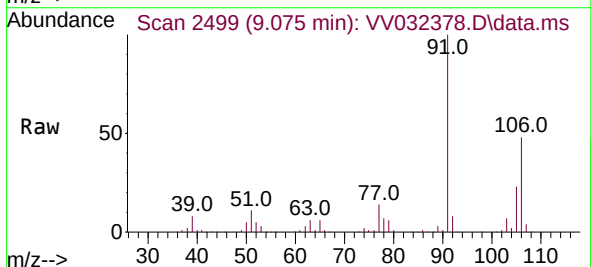
Instrument :
MSVOA_V
ClientSampleId :

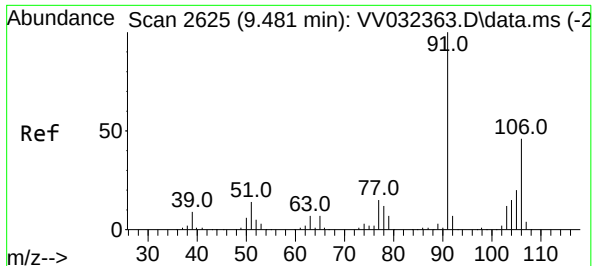
Tgt Ion: 91 Resp: 219328
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.308 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 106 Resp: 83245
Ion Ratio Lower Upper
106 100
91 207.2 144.5 268.3

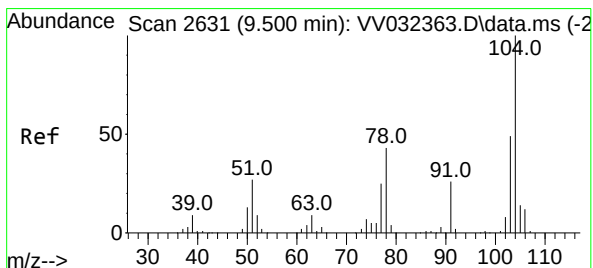
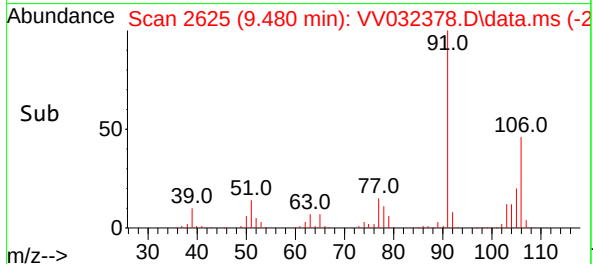
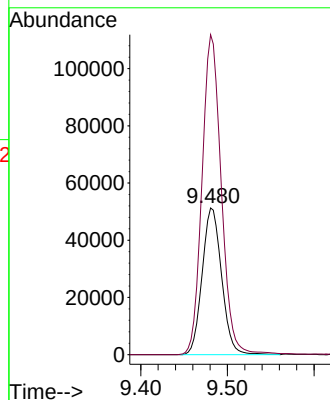
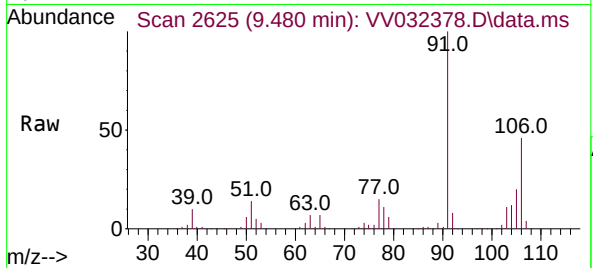




#54
o-Xylene
Concen: 4.303 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

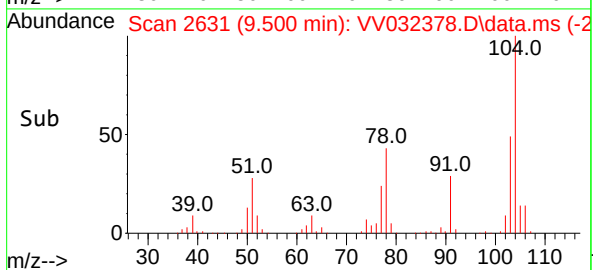
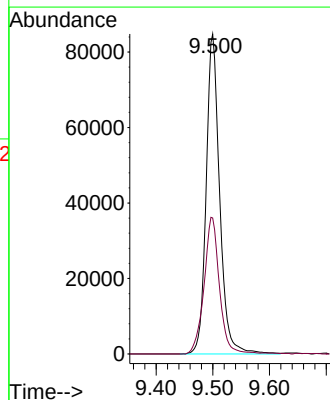
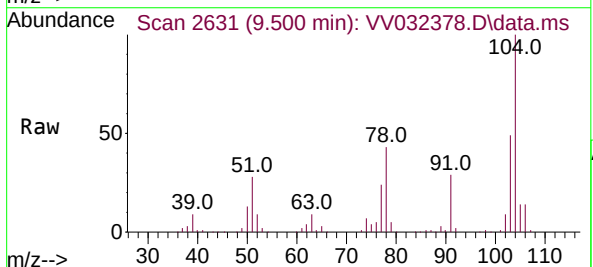
Instrument :
MSVOA_V
ClientSampleId :

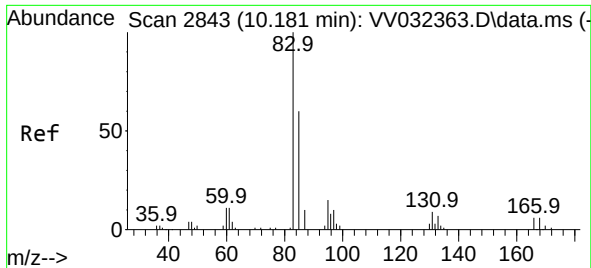
Tgt Ion:106 Resp: 80118
Ion Ratio Lower Upper
106 100
91 218.0 154.8 287.4



#55
Styrene
Concen: 4.471 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion:104 Resp: 140582
Ion Ratio Lower Upper
104 100
78 42.5 29.9 55.5

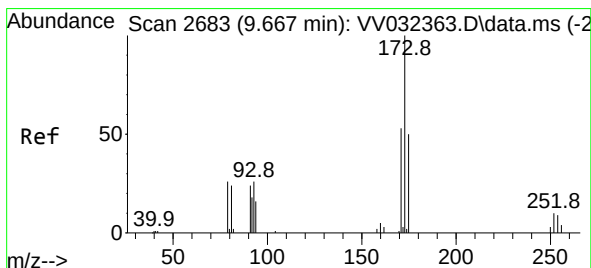
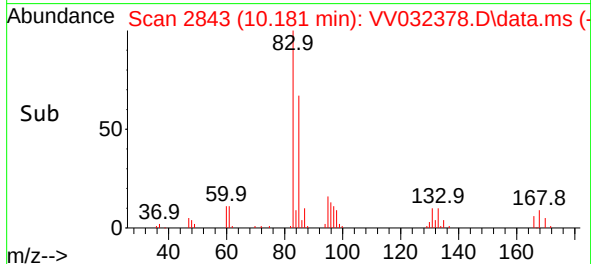
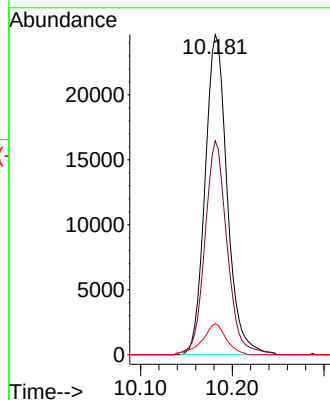
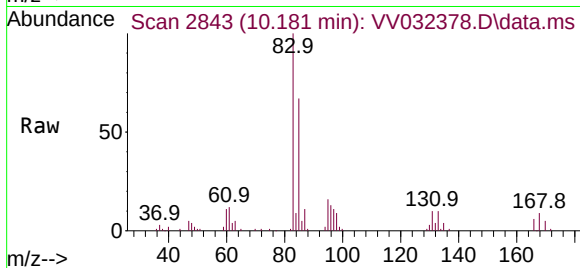




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.532 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

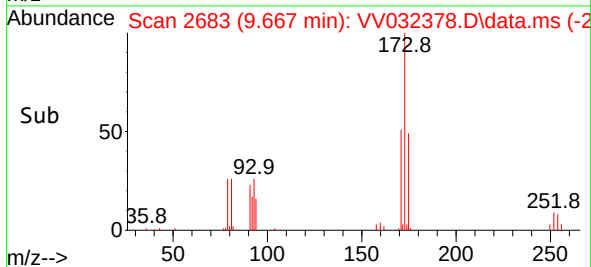
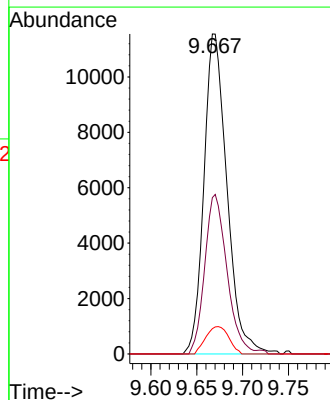
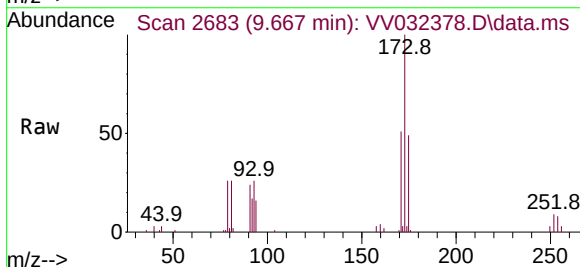
Instrument :
 MSVOA_V
 ClientSampleId :

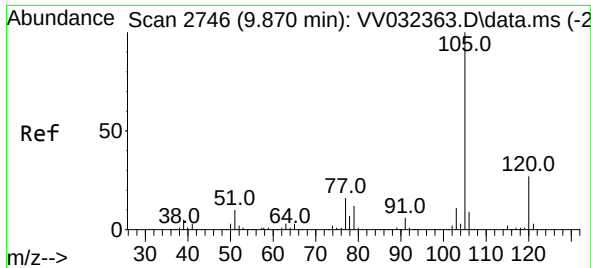
Tgt Ion:	83	Resp:	41288
Ion	Ratio	Lower	Upper
83	100		
85	66.8	43.6	81.0
131	9.6	7.0	10.6



#59
 Bromoform
 Concen: 4.223 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Tgt Ion:	173	Resp:	20205
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.2	57.2
254	8.5	7.0	10.4

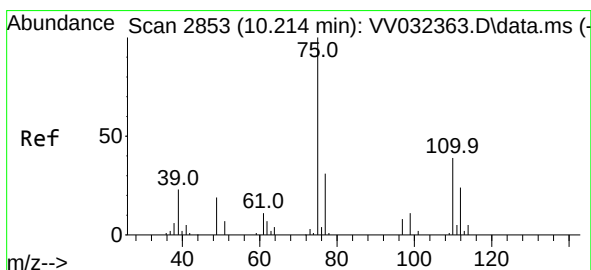
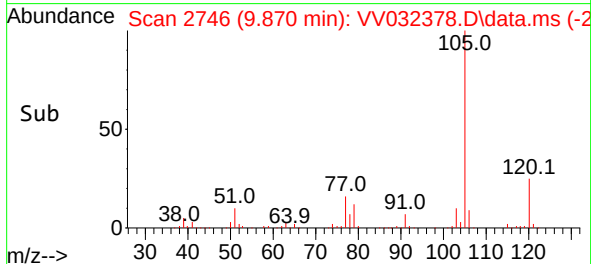
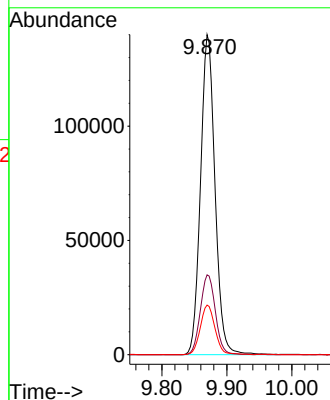
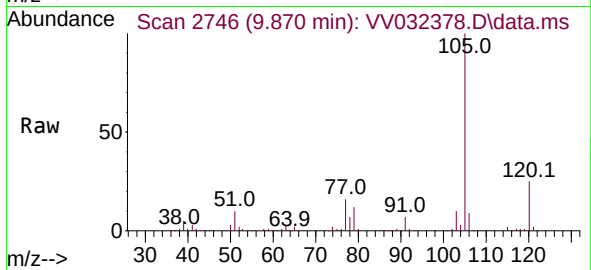




#60
Isopropylbenzene
Concen: 4.258 ug/L
RT: 9.870 min Scan# 217738
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

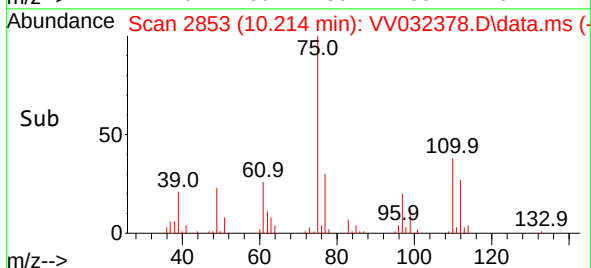
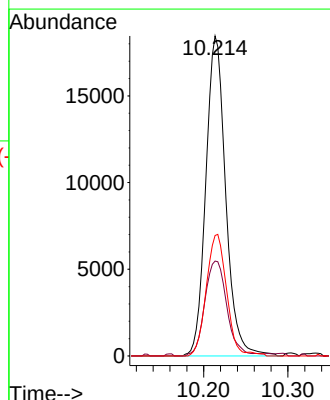
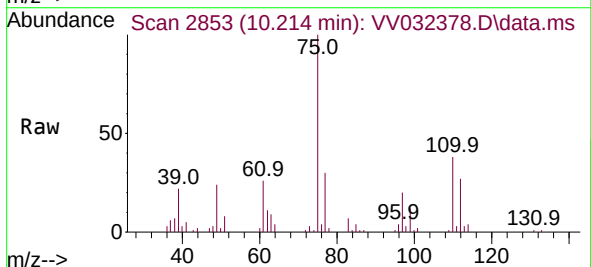
Instrument :
MSVOA_V
ClientSampleId :

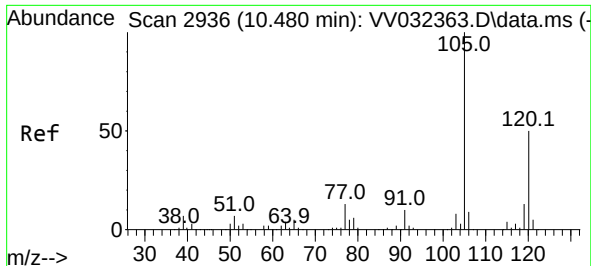
Tgt Ion:105 Resp: 217738
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.325 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion: 75 Resp: 30290
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 38.9 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.104 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032378.D

Acq: 10 Oct 2023 16:06

Instrument :

MSVOA_V

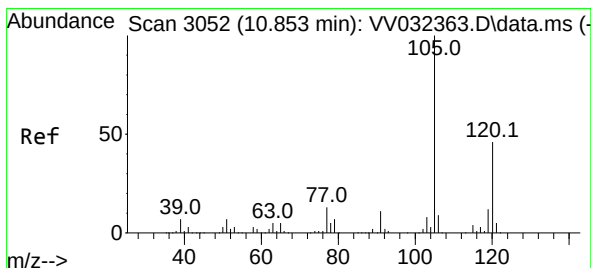
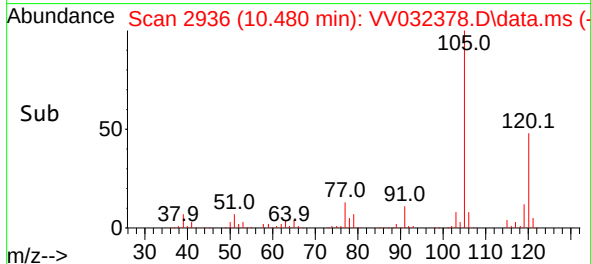
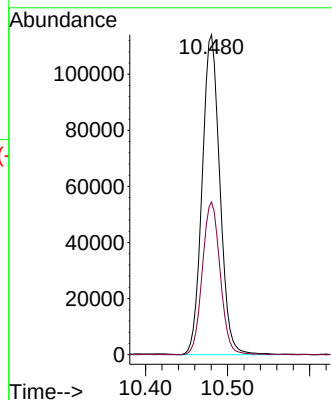
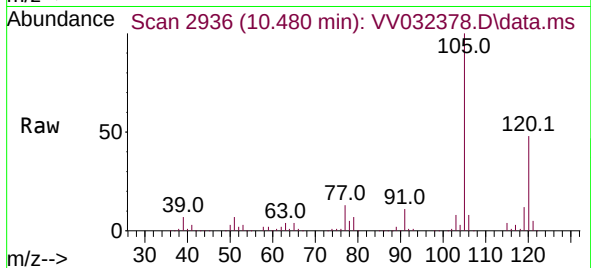
ClientSampleId :

Tgt Ion:105 Resp: 171041

Ion Ratio Lower Upper

105 100

120 48.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.167 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032378.D

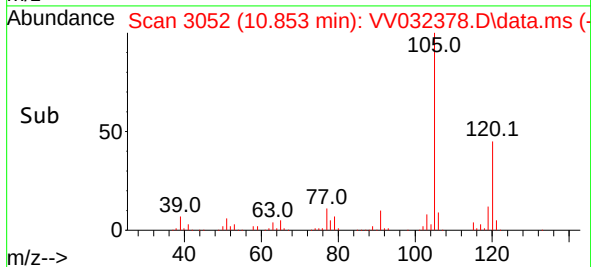
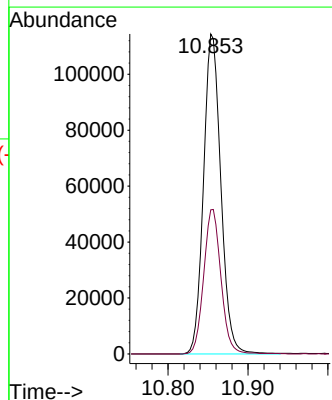
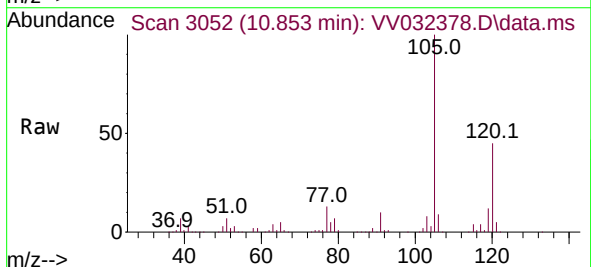
Acq: 10 Oct 2023 16:06

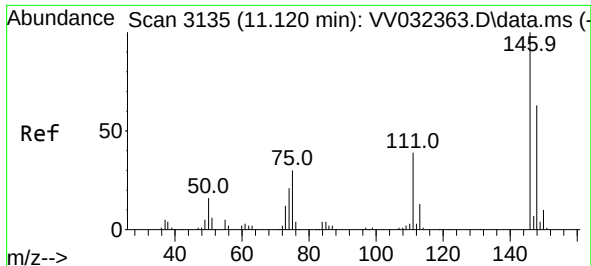
Tgt Ion:105 Resp: 172923

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.4

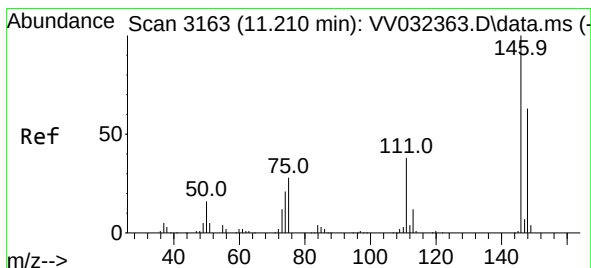
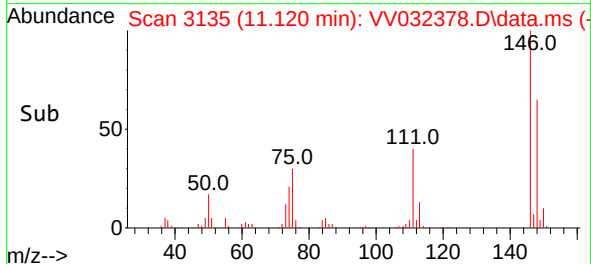
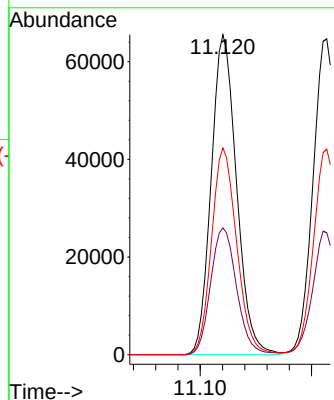
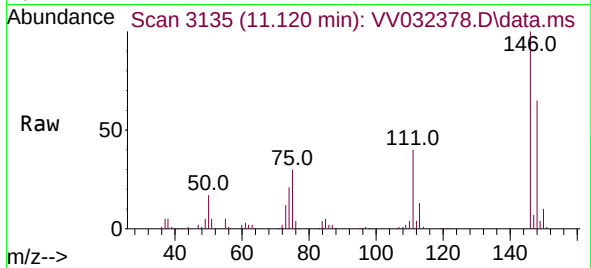




#64
1,3-Dichlorobenzene
Concen: 4.233 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

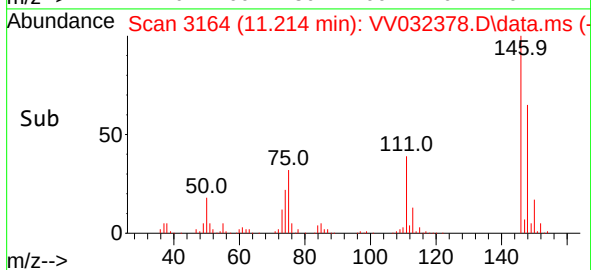
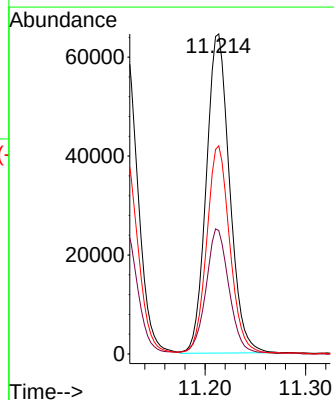
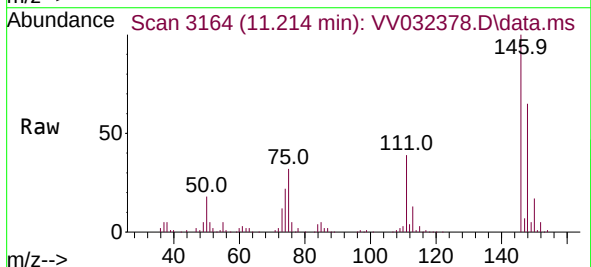
Instrument :
MSVOA_V
ClientSampleId :

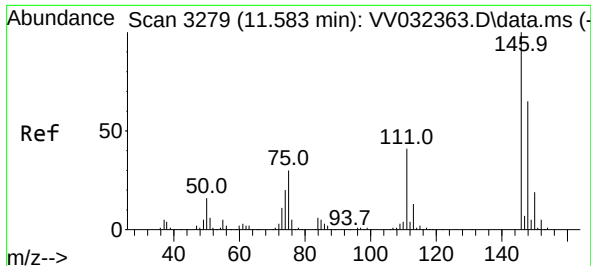
Tgt Ion:146 Resp: 103424
Ion Ratio Lower Upper
146 100
111 39.7 27.8 51.6
148 64.6 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.247 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

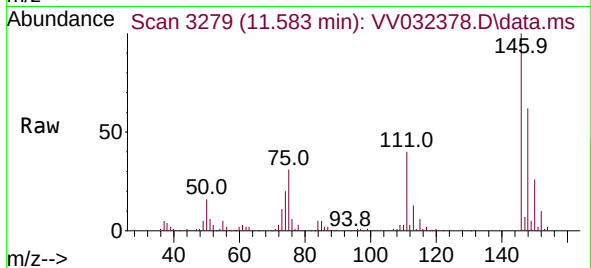
Tgt Ion:146 Resp: 104098
Ion Ratio Lower Upper
146 100
111 38.6 26.9 49.9
148 65.1 44.8 83.2



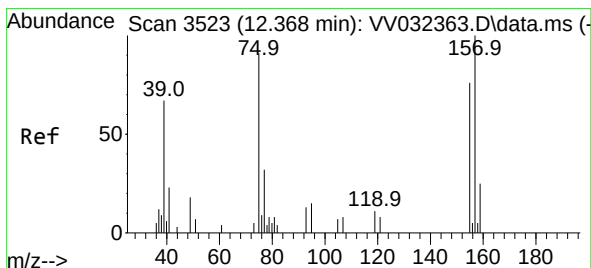
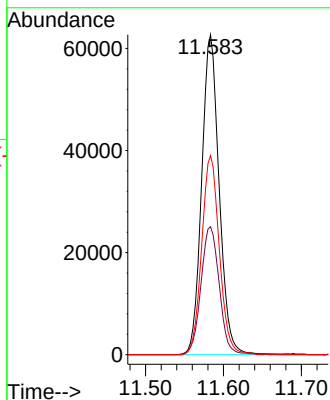
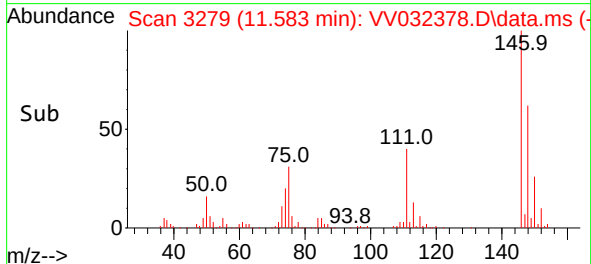


#67
1,2-Dichlorobenzene
Concen: 4.380 ug/L
RT: 11.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

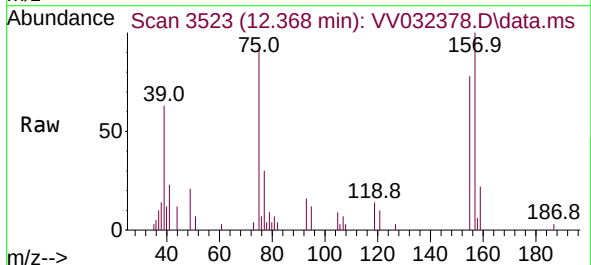
Instrument :
MSVOA_V
ClientSampleId :



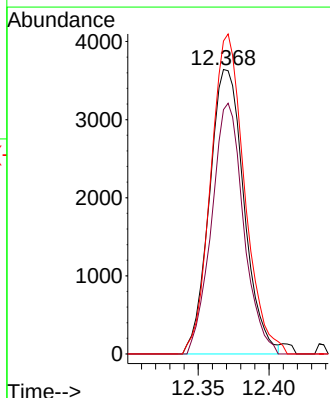
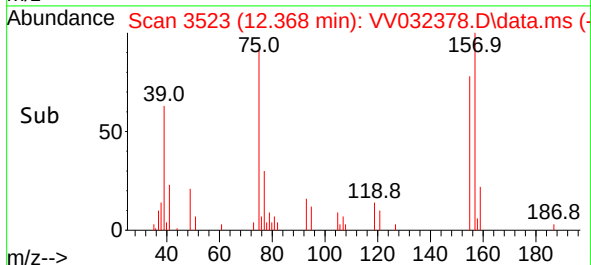
Tgt Ion:146 Resp: 97589
Ion Ratio Lower Upper
146 100
111 40.0 32.8 49.2
148 62.3 51.0 76.4

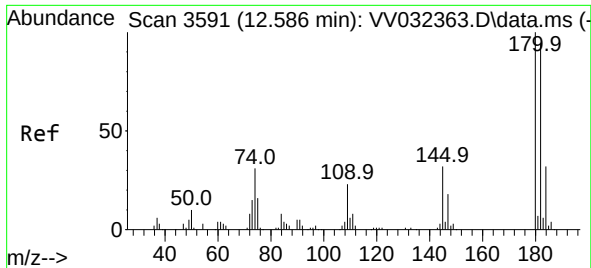


#68
1,2-Dibromo-3-chloropropane
Concen: 4.318 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06



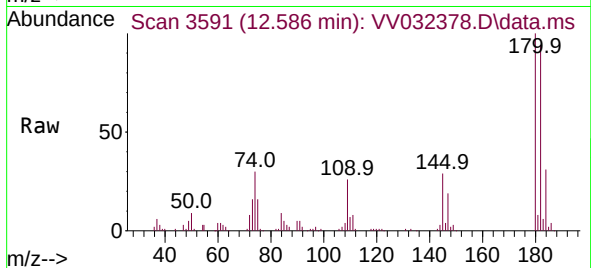
Tgt Ion: 75 Resp: 6179
Ion Ratio Lower Upper
75 100
155 85.9 70.2 105.4
157 110.0 90.6 135.8



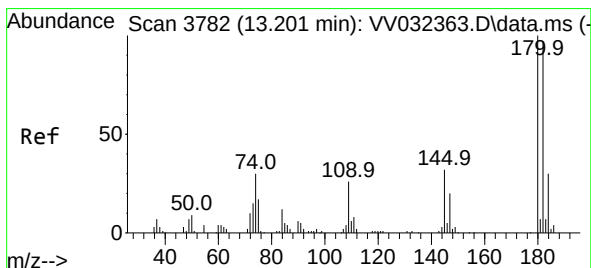
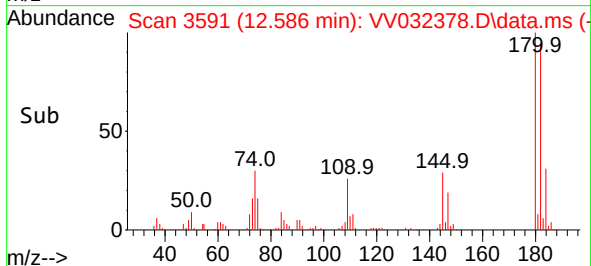
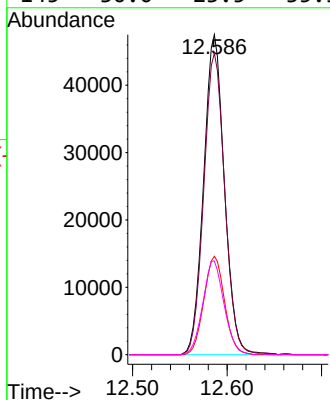


#69
 1,3,5-Trichlorobenzene
 Concen: 4.051 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

Instrument :
 MSVOA_V
 ClientSampleId :

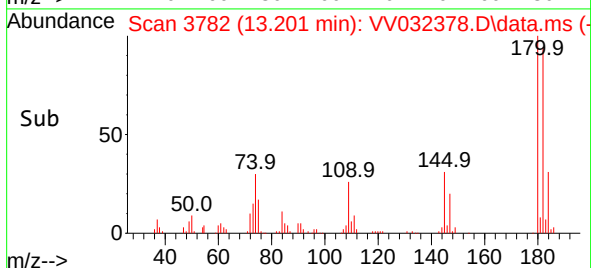
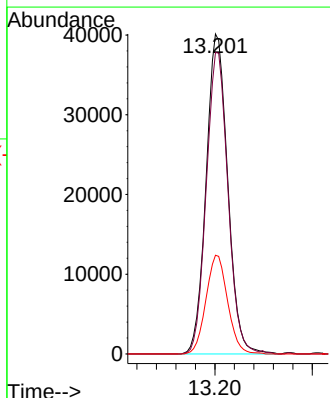
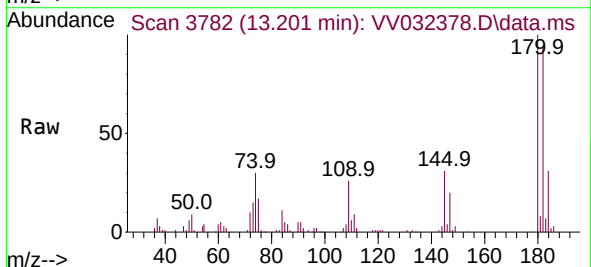


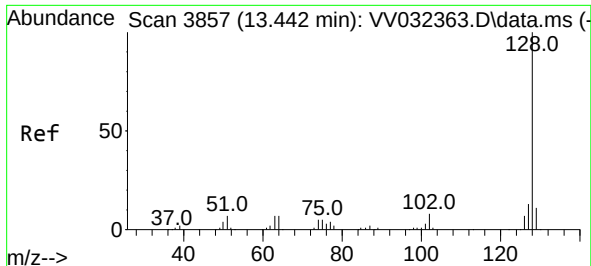
Tgt Ion:180 Resp: 72473
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.6 112.0
 184 30.6 24.1 36.1
 145 30.0 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 3.898 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032378.D
 Acq: 10 Oct 2023 16:06

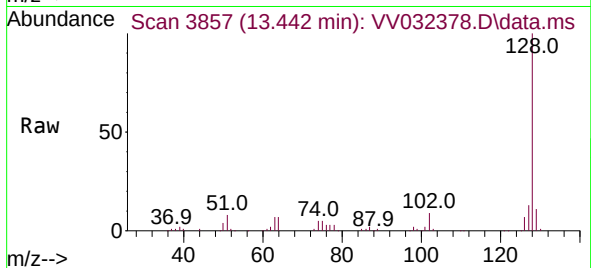
Tgt Ion:180 Resp: 61857
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.5 114.7
 145 30.9 24.3 36.5



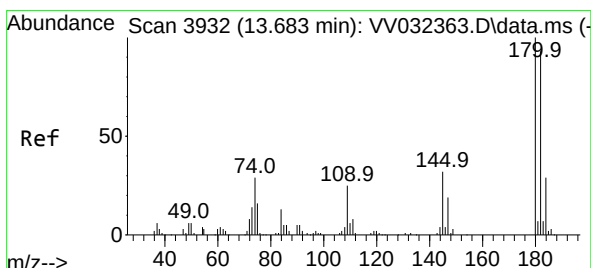
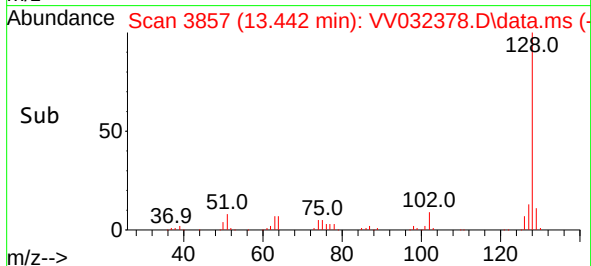
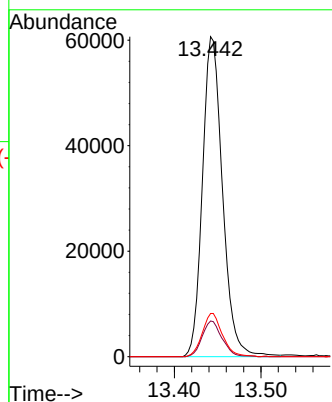


#71
Naphthalene
Concen: 3.624 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 97696
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.111 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032378.D
Acq: 10 Oct 2023 16:06

Tgt Ion:180 Resp: 56215
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.4
145 33.0 25.7 38.5

