

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101023\
 Data File : VW032363.D
 Acq On : 10 Oct 2023 09:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 01:53:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	105758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43153	5.017	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.532	69	34910	5.000	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.000%		
11) 1,1-Dichloroethene-d2	2.060	65	16437	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 90.600%		
20) 2-Butanone-d5	3.809	46	84455	38.815	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 77.640%		
24) Chloroform-d	4.252	84	73336	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
26) 1,2-Dichloroethane-d4	4.947	65	32893	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.600%		
32) Benzene-d6	4.963	84	138544	4.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 81.000%		
36) 1,2-Dichloropropane-d6	5.992	67	42123	3.714	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 74.200%		
41) Toluene-d8	7.246	98	137951	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.200%		
43) trans-1,3-Dichloroprop...	7.558	79	15683	3.902	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 78.000%		
46) 2-Hexanone-d5	8.030	63	71321	37.712	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 75.420%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32073	4.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 80.800%		
66) 1,2-Dichlorobenzene-d4	11.564	152	47842	4.271	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 85.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	67628	5.738	ug/L	98
3) Chloromethane	1.217	50	64798	5.454	ug/L	99
5) Vinyl chloride	1.285	62	64170	5.663	ug/L	100
6) Bromomethane	1.490	94	36762	5.371	ug/L	98
8) Chloroethane	1.552	64	39083	5.729	ug/L	96
9) Trichlorofluoromethane	1.716	101	76494	5.629	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	50144	6.090	ug/L	99
12) 1,1-Dichloroethene	2.069	96	43177	5.567	ug/L	93
13) Acetone	2.137	43	91475	54.547	ug/L	96
14) Carbon disulfide	2.240	76	130714	4.821	ug/L	100
15) Methyl Acetate	2.388	43	17694	4.687	ug/L	96
16) Methylene chloride	2.449	84	49310	4.876	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	97537	4.619	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	46182	5.198	ug/L	97
19) 1,1-Dichloroethane	3.111	63	88802	5.314	ug/L	100
21) 2-Butanone	3.889	43	110321	42.067	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	48621	5.083	ug/L	95
23) Bromochloromethane	4.150	128	20679	5.138	ug/L	98
25) Chloroform	4.278	83	88046	5.369	ug/L	97

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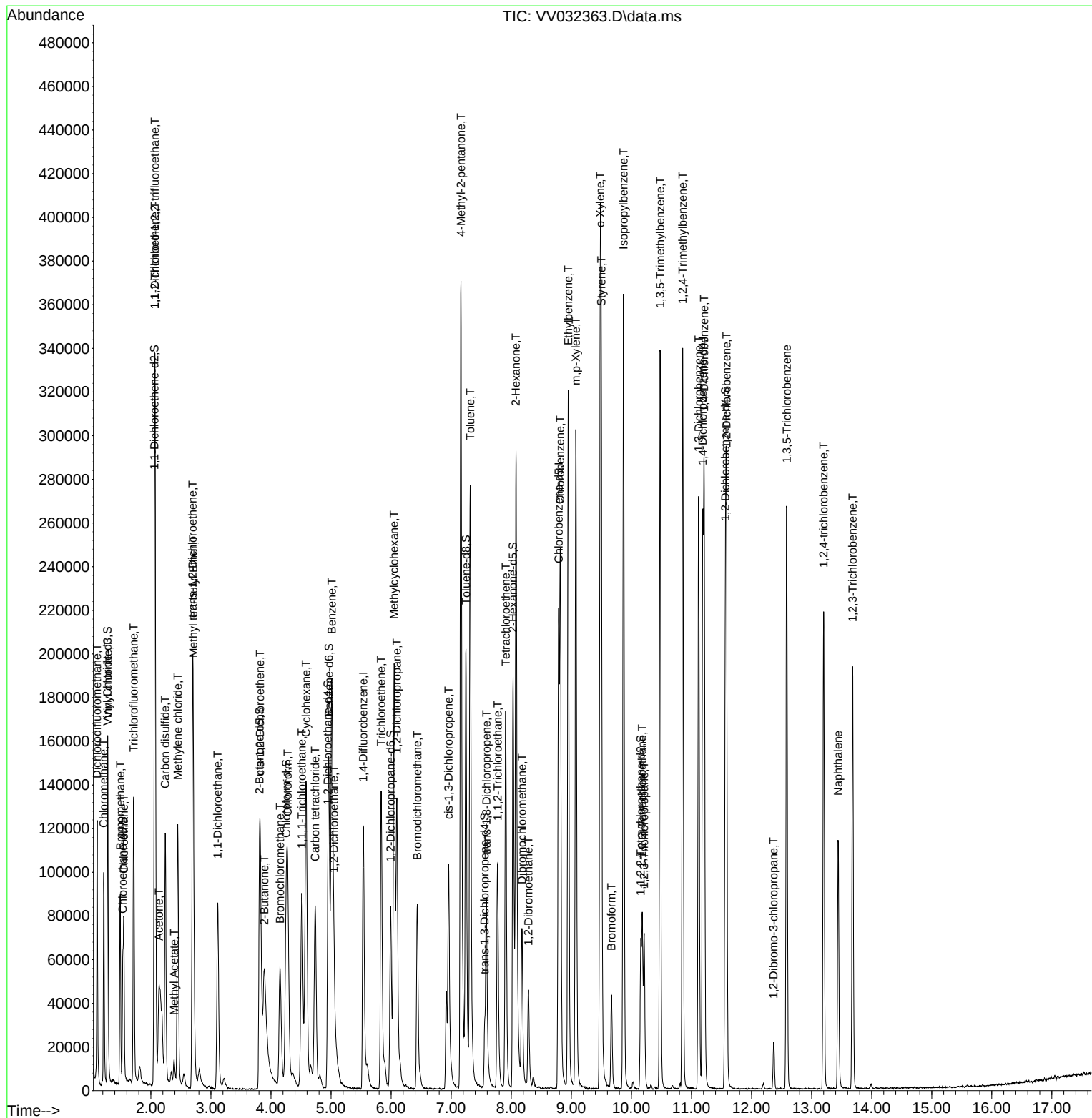
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	48002	4.955	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	73955	4.675	ug/L	99
30) Cyclohexane	4.584	56	74581	4.290	ug/L	96
31) Carbon tetrachloride	4.735	117	64885	4.848	ug/L	98
33) Benzene	5.011	78	185645	4.532	ug/L	100
34) Trichloroethene	5.834	95	54948	4.914	ug/L	96
35) Methylcyclohexane	6.050	83	82485	4.766	ug/L	99
37) 1,2-Dichloropropane	6.095	63	51818	4.730	ug/L	99
38) Bromodichloromethane	6.436	83	62996	4.840	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	69427	4.453	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	283681	40.919	ug/L	98
42) Toluene	7.317	91	215020	4.924	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	54375	4.244	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	35179	4.552	ug/L	97
47) Tetrachloroethene	7.908	164	41158	4.853	ug/L	99
48) 2-Hexanone	8.079	43	209471	42.824	ug/L	99
49) Dibromochloromethane	8.178	129	37794	4.697	ug/L	98
50) 1,2-Dibromoethane	8.288	107	32382	4.430	ug/L	92
51) Chlorobenzene	8.815	112	132575	4.715	ug/L	99
52) Ethylbenzene	8.950	91	229163	4.713	ug/L	99
53) m,p-Xylene	9.075	106	86692	4.807	ug/L	99
54) o-Xylene	9.481	106	82900	4.770	ug/L	99
55) Styrene	9.500	104	144971	4.940	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	38795	4.562	ug/L	98
59) Bromoform	9.667	173	20150	4.590	ug/L	100
60) Isopropylbenzene	9.870	105	229635	4.894	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	27373	4.260	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	178445	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	180737	4.747	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	108313	4.832	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	108825	4.839	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	96375	4.715	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5318	4.051	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	78334	4.772	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	64859	4.455	ug/L	99
71) Naphthalene	13.442	128	89725	3.628	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	57792	4.607	ug/L	98

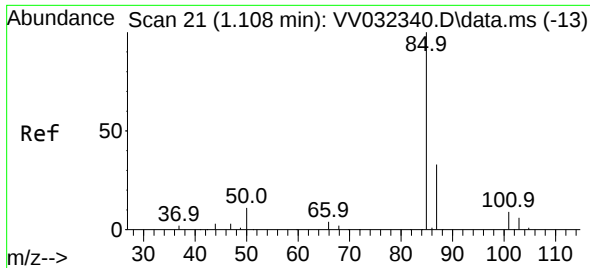
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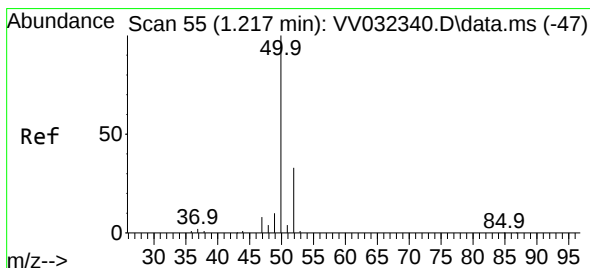
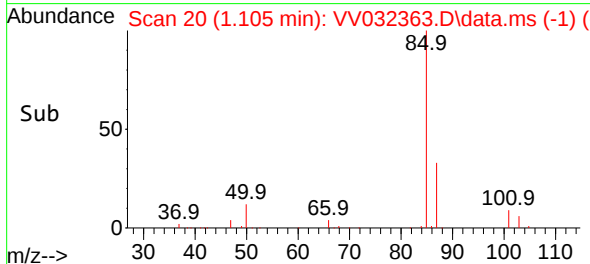
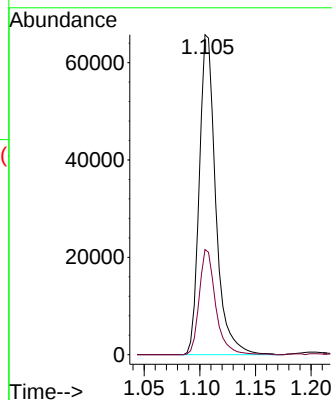
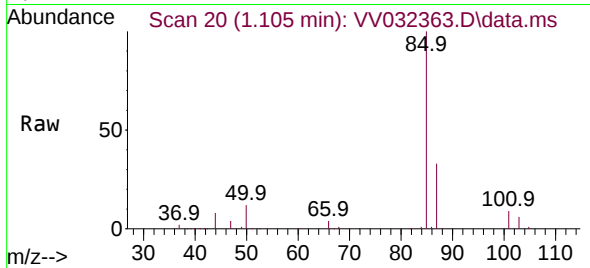




#2
 Dichlorodifluoromethane
 Concen: 5.738 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

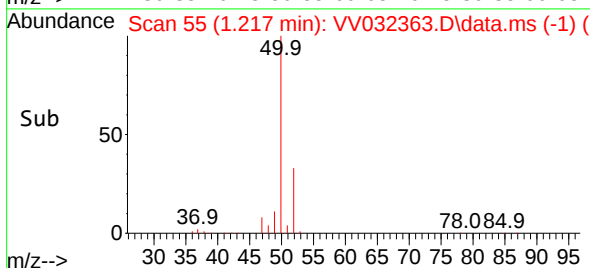
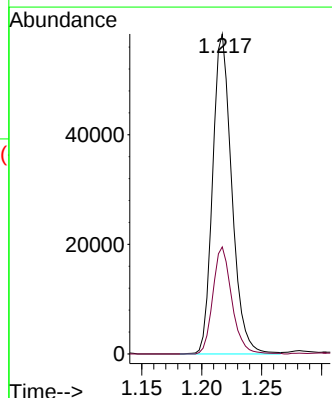
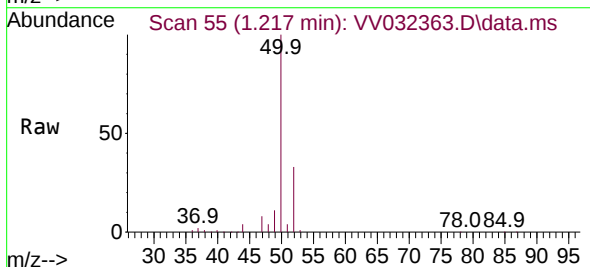
Instrument :
 MSVOA_V
 ClientSampleId :

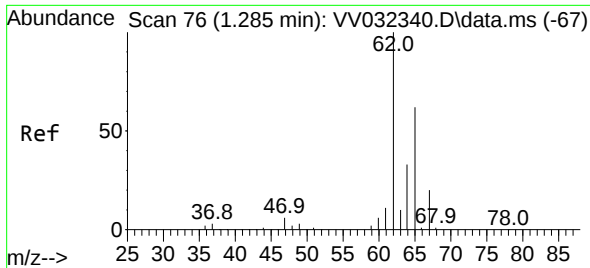
Tgt Ion: 85 Resp: 67628
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 5.454 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Tgt Ion: 50 Resp: 64798
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.6

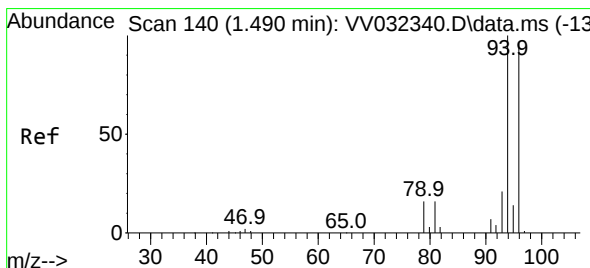
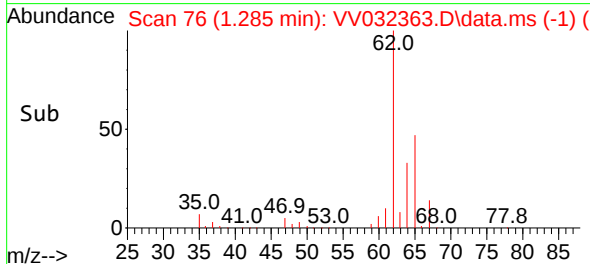
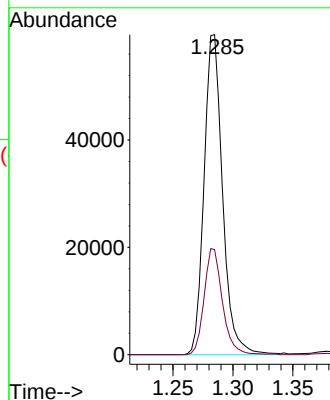
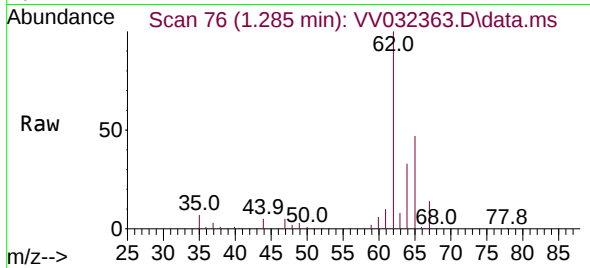




#5
 Vinyl chloride
 Concen: 5.663 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

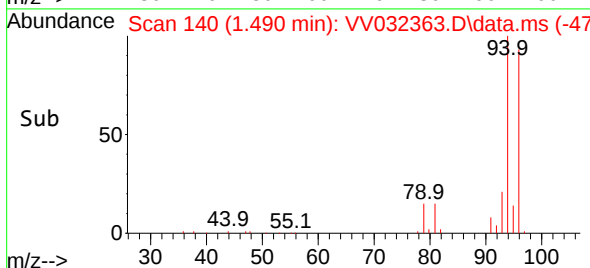
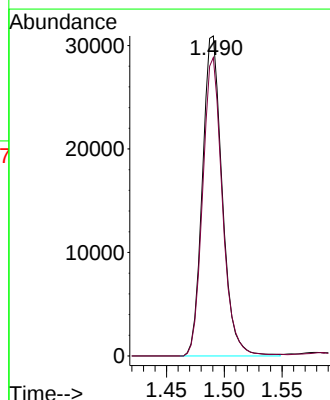
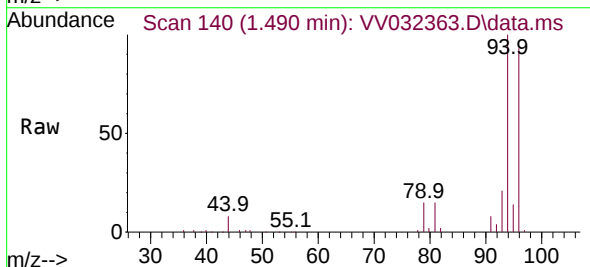
Instrument :
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 ClientSampleId :

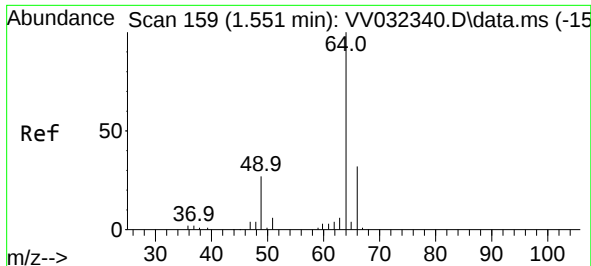
Tgt Ion: 62 Resp: 64170
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 5.371 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Tgt Ion: 94 Resp: 36762
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.8 124.2

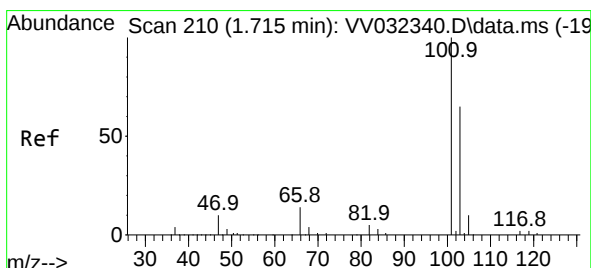
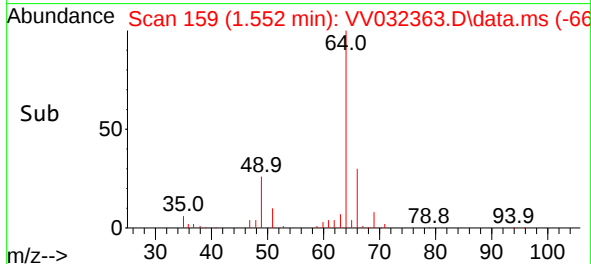
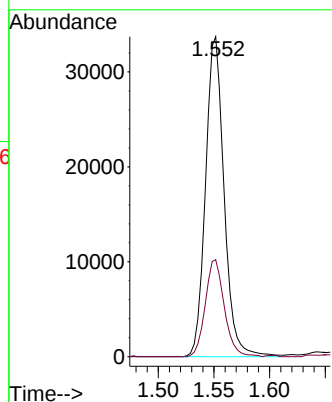
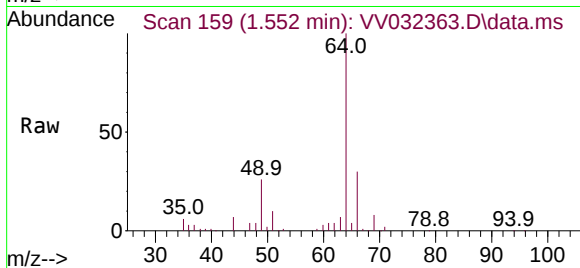




#8
Chloroethane
Concen: 5.729 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

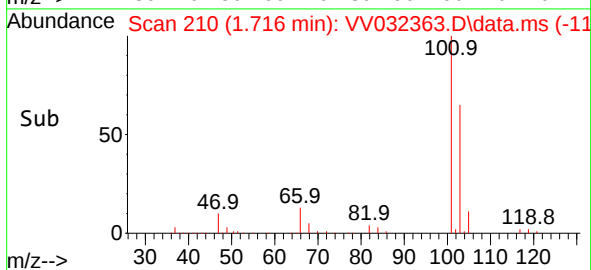
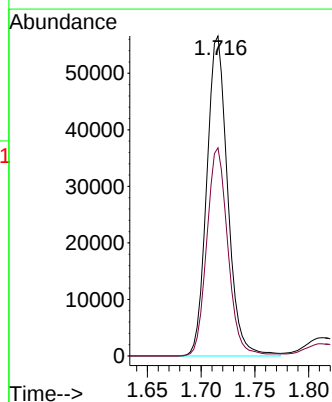
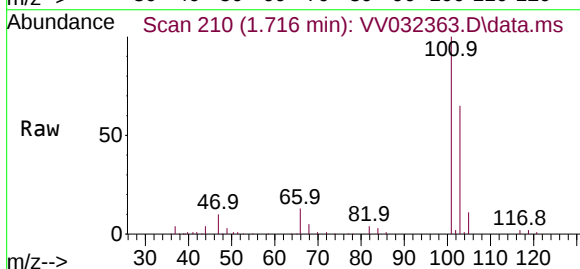
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MSVOA_V
ClientSampleId :

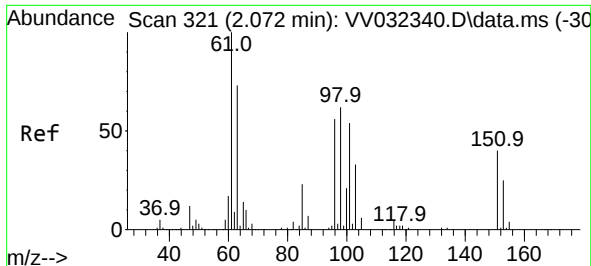
Tgt Ion: 64 Resp: 39083
Ion Ratio Lower Upper
64 100
66 30.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.629 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion:101 Resp: 76494
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2





#10

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

Concen: 6.090 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032363.D

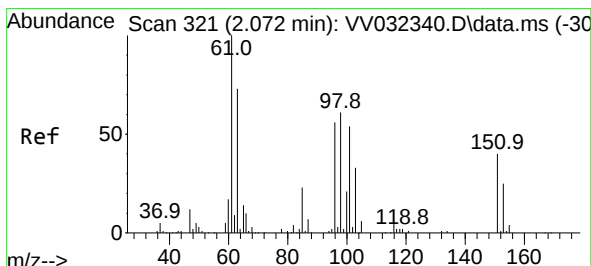
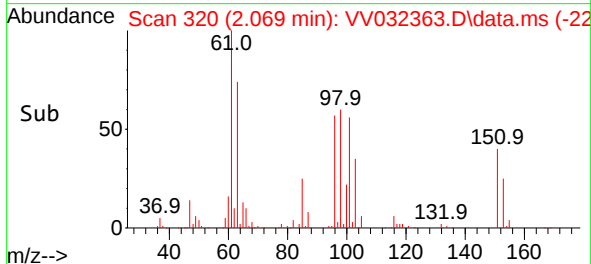
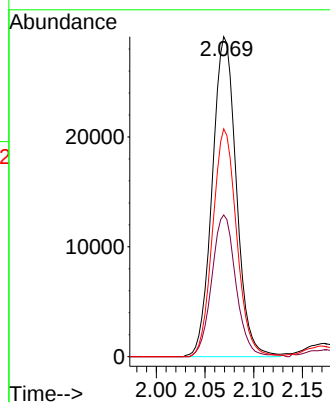
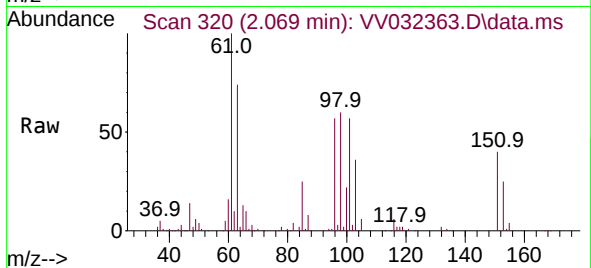
Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	50144
Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.0	52.6
151	71.1	56.6	84.8



#12

1,1-Dichloroethene

Concen: 5.567 ug/L

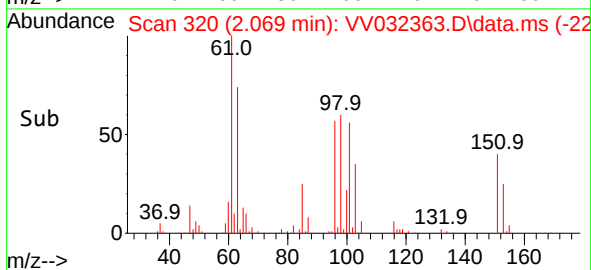
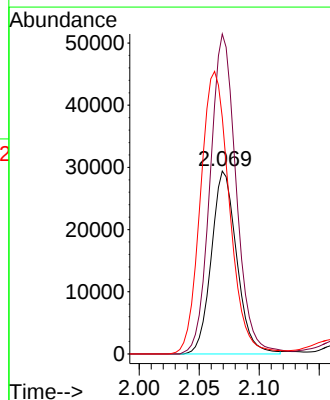
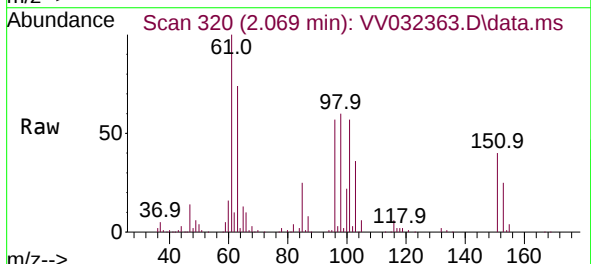
RT: 2.069 min Scan# 320

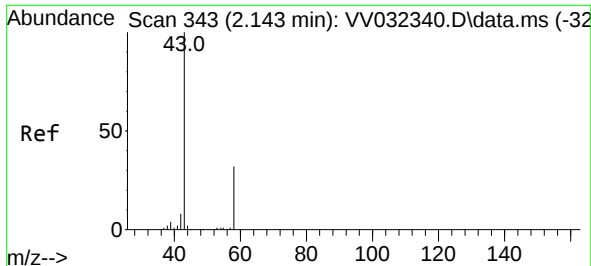
Delta R.T. -0.003 min

Lab File: VV032363.D

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Tgt Ion:	96	Resp:	43177
Ion	Ratio	Lower	Upper
96	100		
61	175.0	127.3	236.3
63	129.3	98.3	182.7





#13

Acetone

Concen: 54.547 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.006 min

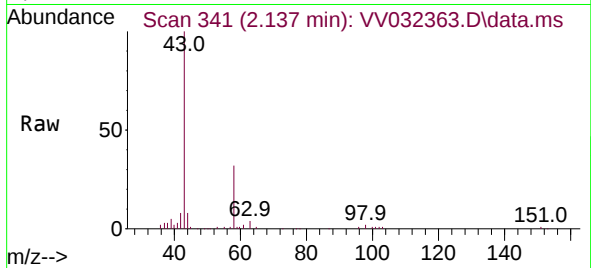
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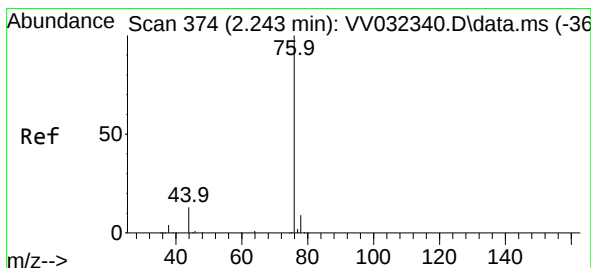
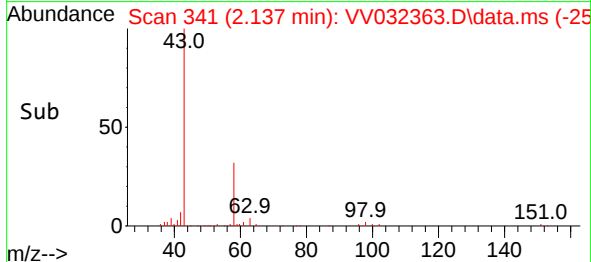
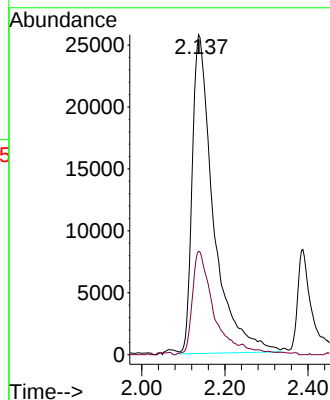


Tgt Ion: 43 Resp: 91475

Ion Ratio Lower Upper

43 100

58 30.7 0.0 66.0



#14

Carbon disulfide

Concen: 4.821 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

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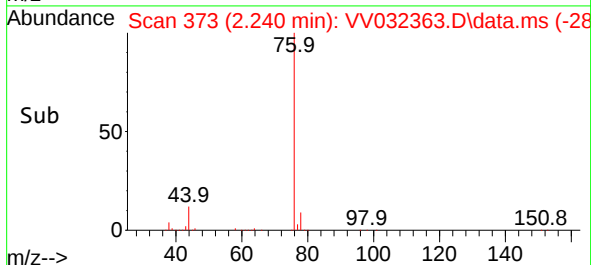
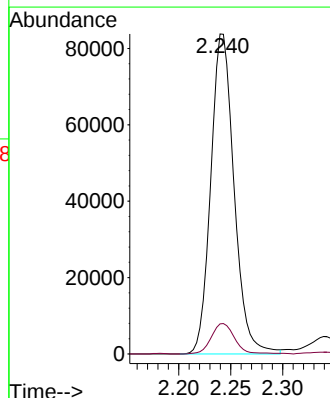
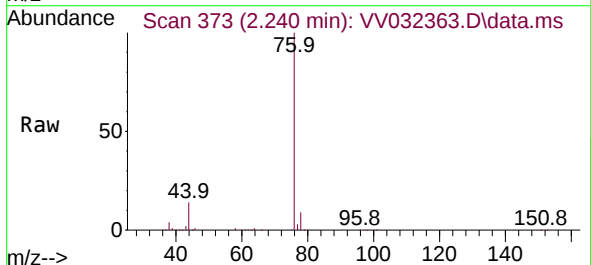
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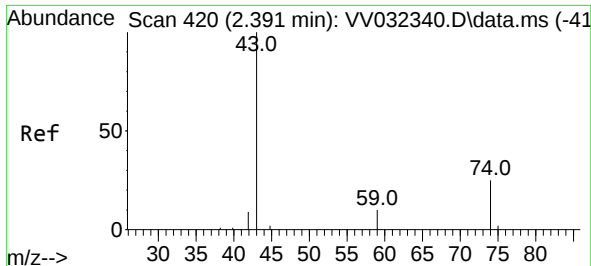
Tgt Ion: 76 Resp: 130714

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

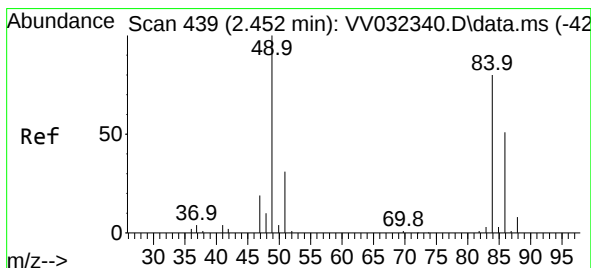
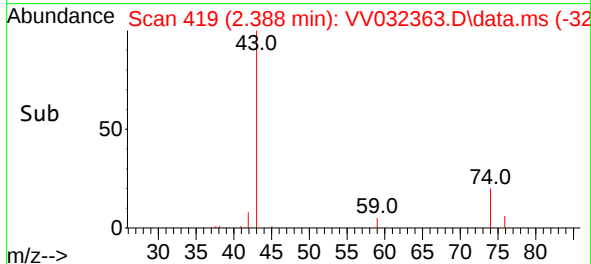
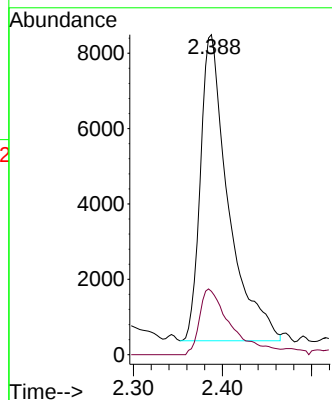
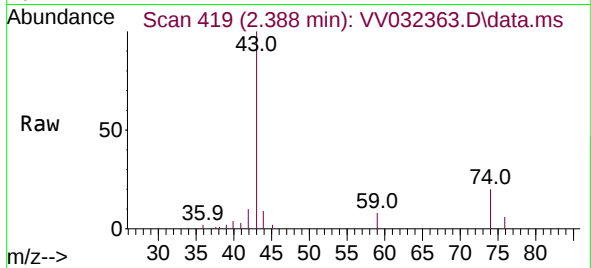




#15
Methyl Acetate
Concen: 4.687 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

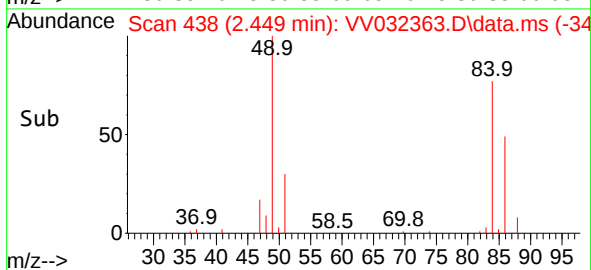
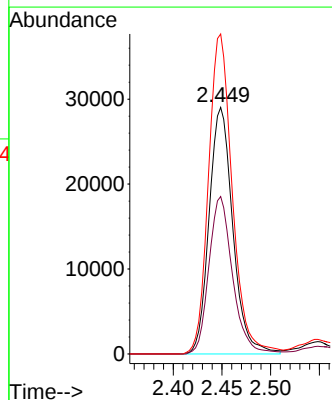
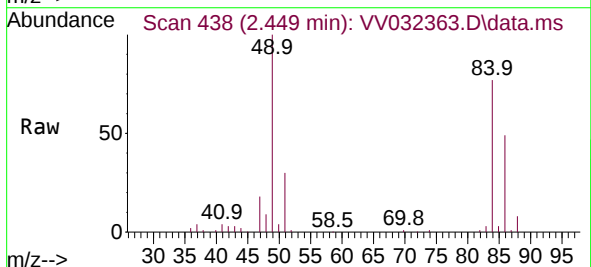
Instrument :
MSVOA_V
ClientSampleId :

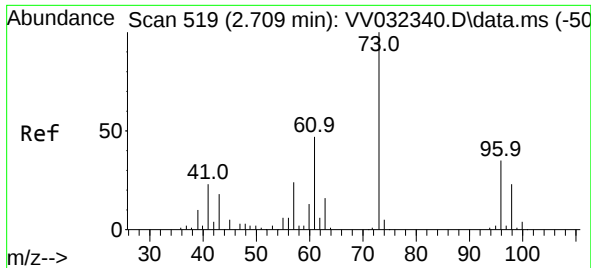
Tgt Ion: 43 Resp: 17694
Ion Ratio Lower Upper
43 100
74 24.3 18.0 27.0



#16
Methylene chloride
Concen: 4.876 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 84 Resp: 49310
Ion Ratio Lower Upper
84 100
86 63.9 43.2 80.2
49 129.8 86.3 160.3

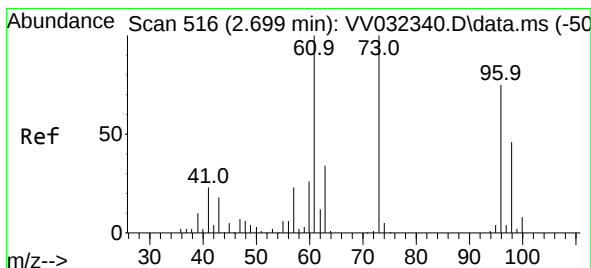
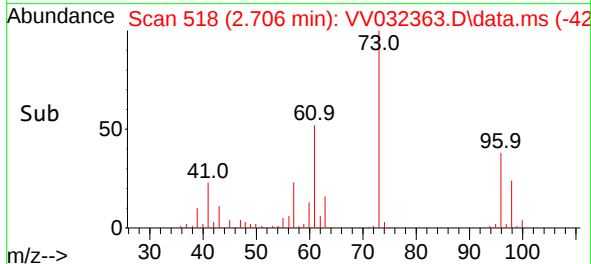
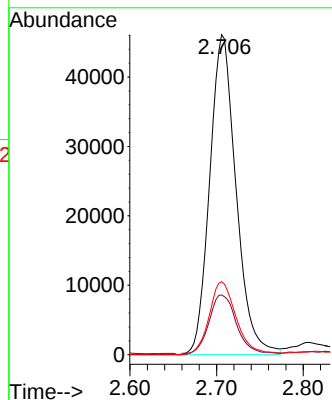
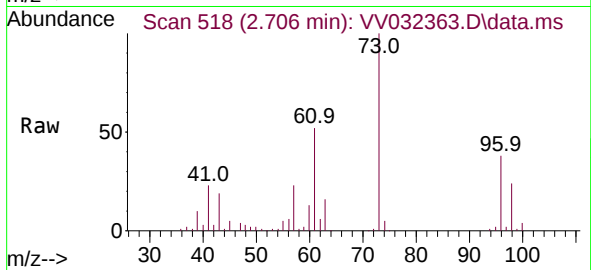




#17
Methyl tert-butyl Ether
Concen: 4.619 ug/L
RT: 2.706 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

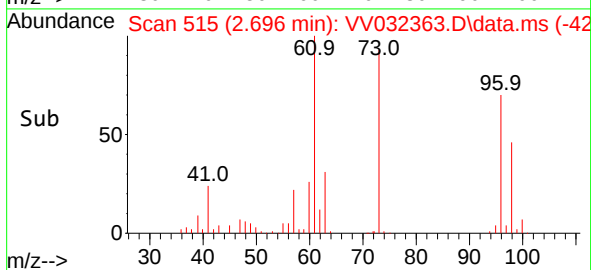
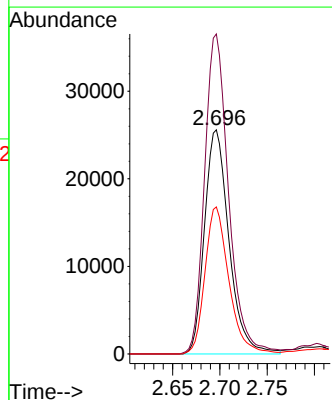
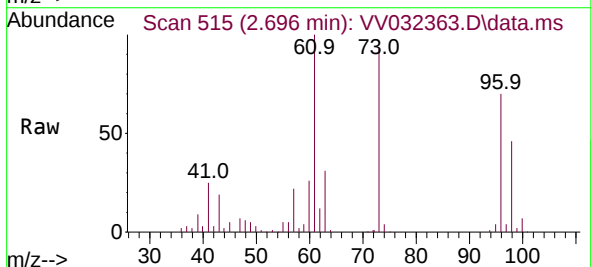
Instrument :
MSVOA_V
ClientSampleId :

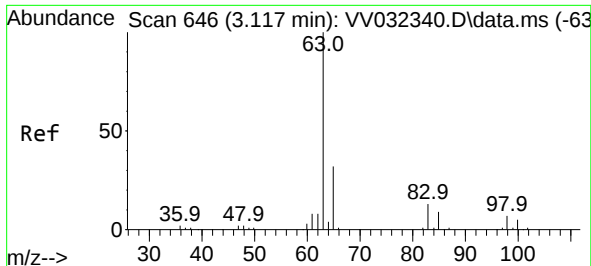
Tgt Ion: 73 Resp: 97537
Ion Ratio Lower Upper
73 100
43 19.9 15.1 22.7
57 23.4 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.198 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 96 Resp: 46182
Ion Ratio Lower Upper
96 100
61 142.7 96.9 180.1
98 65.6 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.314 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.006 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

ClientSampleId :

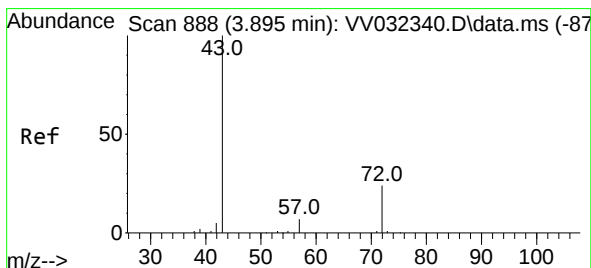
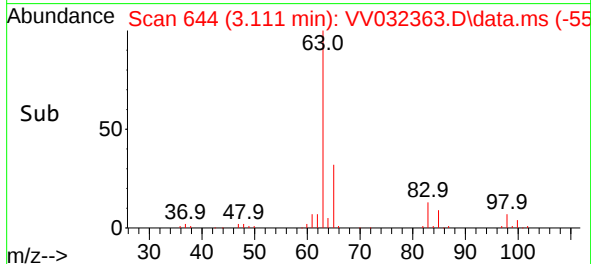
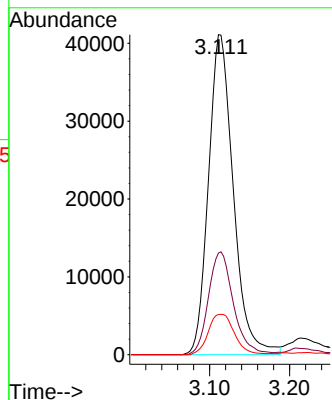
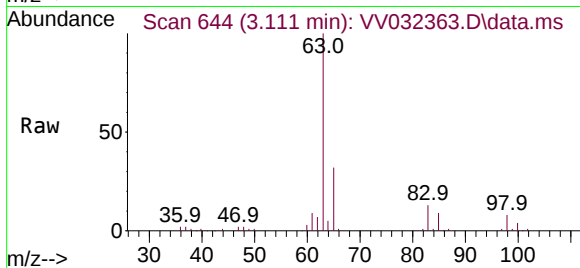
Tgt Ion: 63 Resp: 88802

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 12.6 9.0 16.6



#21

2-Butanone

Concen: 42.067 ug/L

RT: 3.889 min Scan# 886

Delta R.T. -0.006 min

Lab File: VV032363.D

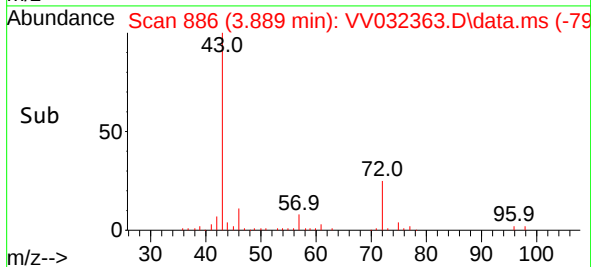
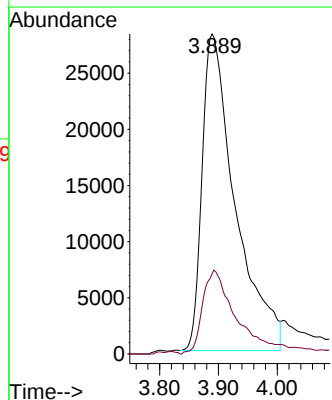
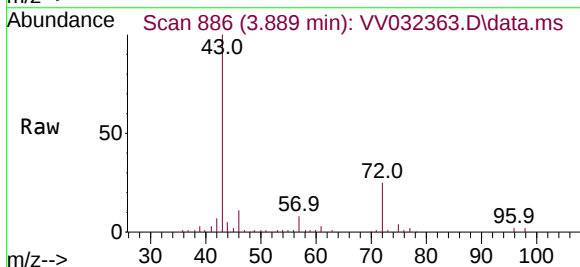
Acq: 10 Oct 2023 09:16

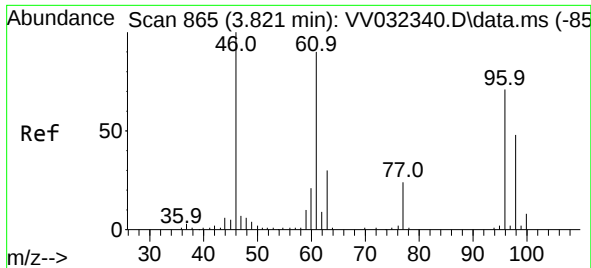
Tgt Ion: 43 Resp: 110321

Ion Ratio Lower Upper

43 100

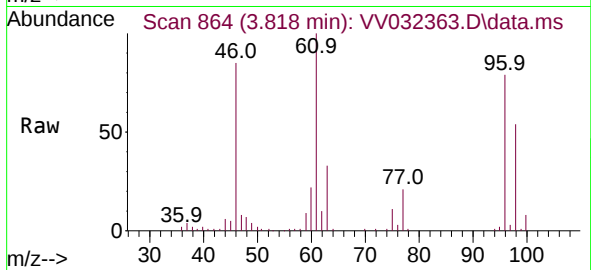
72 27.0 11.6 34.8





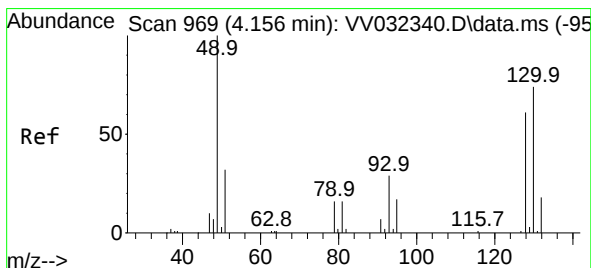
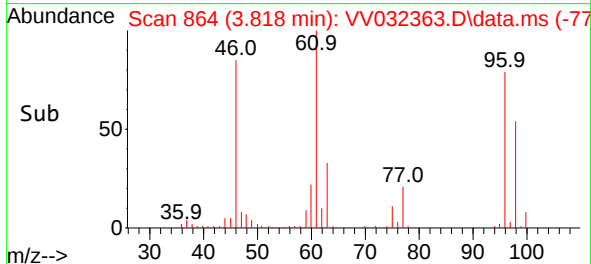
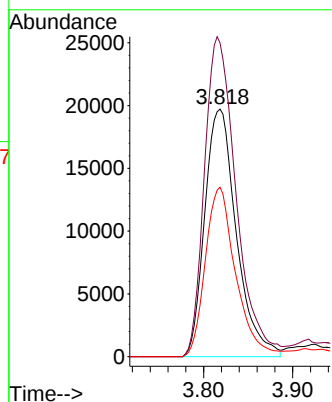
#22
 cis-1,2-Dichloroethene
 Concen: 5.083 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 48621

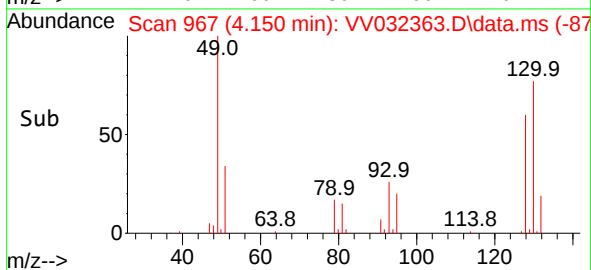
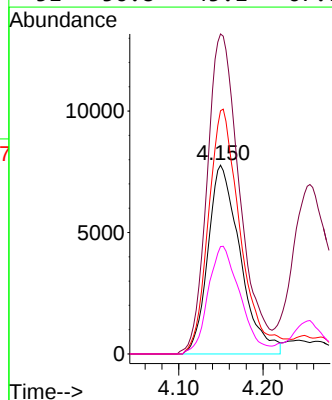
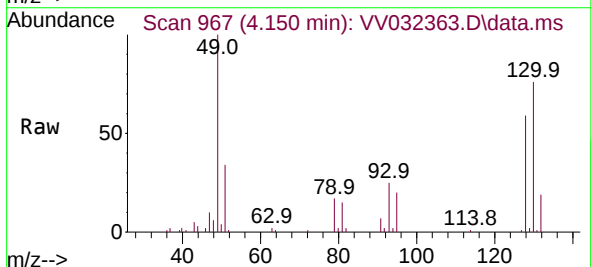
Ion	Ratio	Lower	Upper
96	100		
61	126.7	85.8	159.4
98	68.5	44.0	81.6

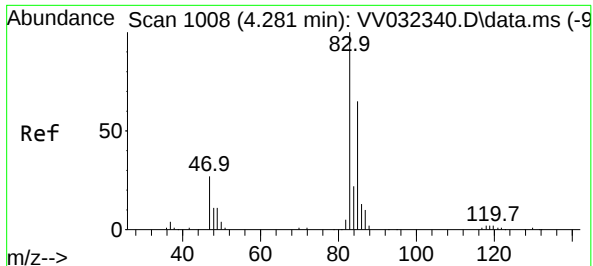


#23
 Bromochloromethane
 Concen: 5.138 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Tgt Ion: 128 Resp: 20679

Ion	Ratio	Lower	Upper
128	100		
49	169.5	121.2	225.0
130	128.8	88.2	163.8
51	56.8	45.1	67.7





#25

Chloroform

Concen: 5.369 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

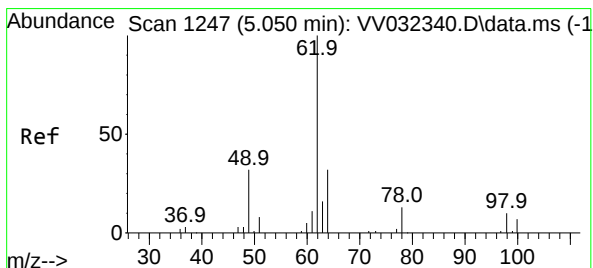
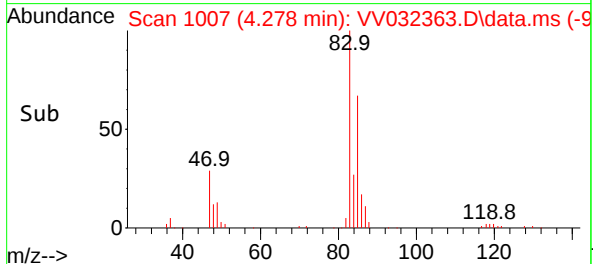
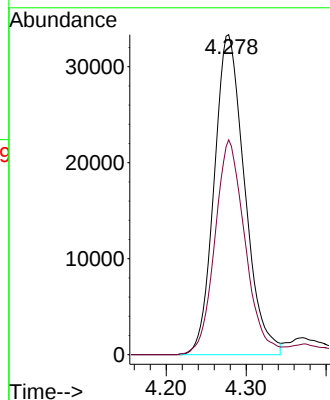
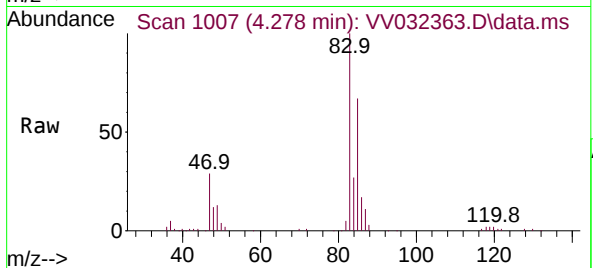
ClientSampleId :

Tgt Ion: 83 Resp: 88046

Ion Ratio Lower Upper

83 100

85 67.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.955 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV032363.D

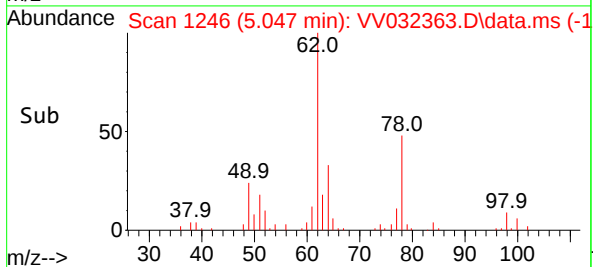
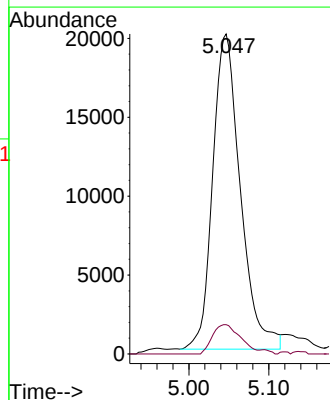
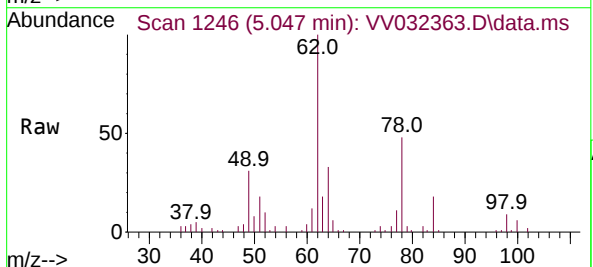
Acq: 10 Oct 2023 09:16

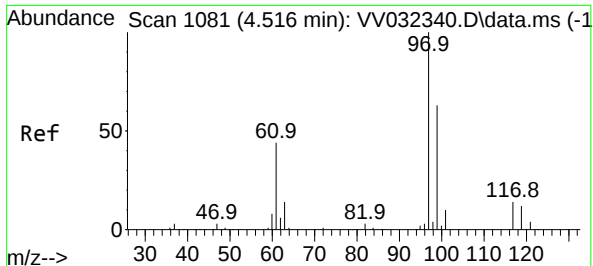
Tgt Ion: 62 Resp: 48002

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.675 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

ClientSampleId :

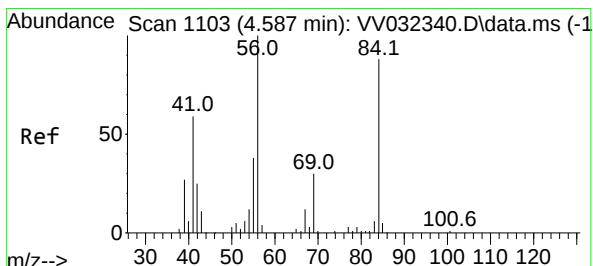
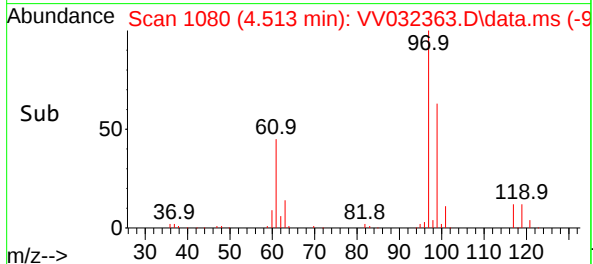
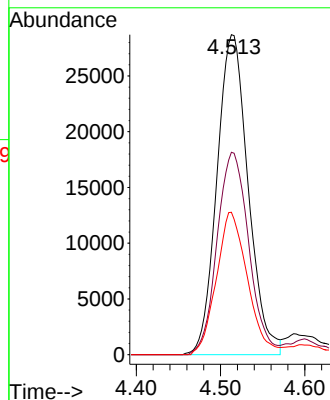
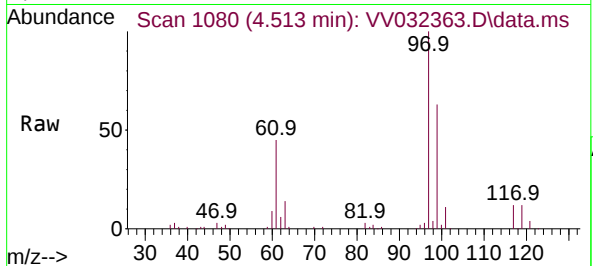
Tgt Ion: 97 Resp: 73955

Ion Ratio Lower Upper

97 100

99 64.1 50.1 75.1

61 44.3 35.1 52.7



#30

Cyclohexane

Concen: 4.290 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

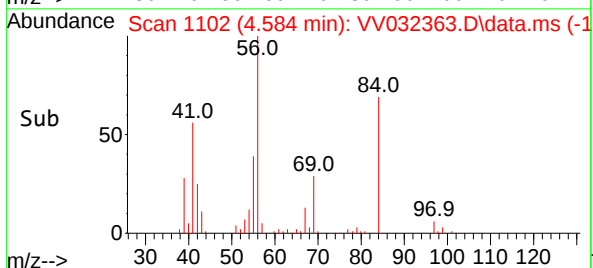
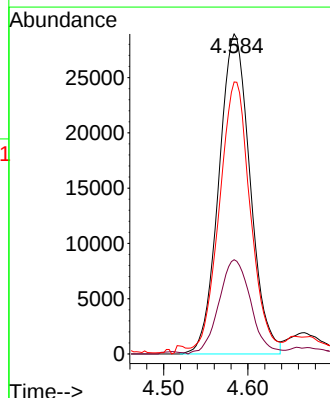
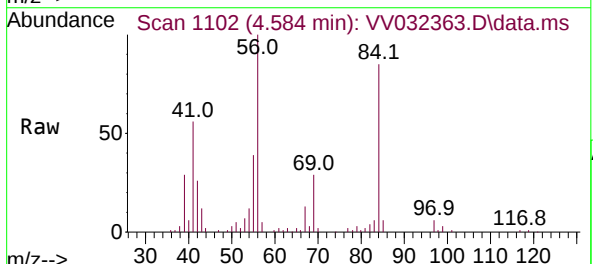
Tgt Ion: 56 Resp: 74581

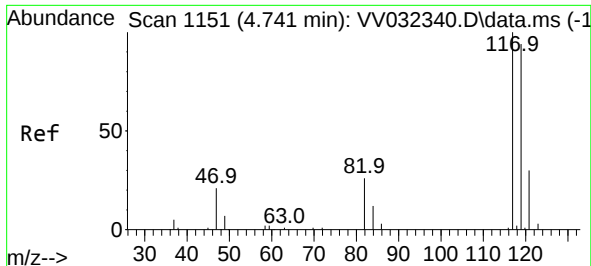
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 80.2 68.1 102.1

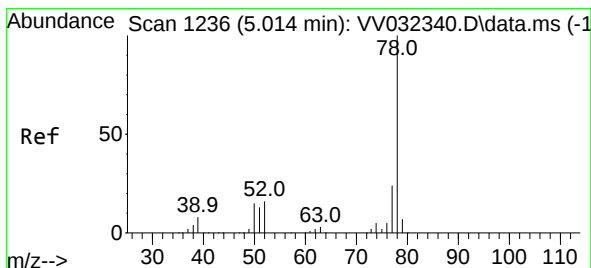
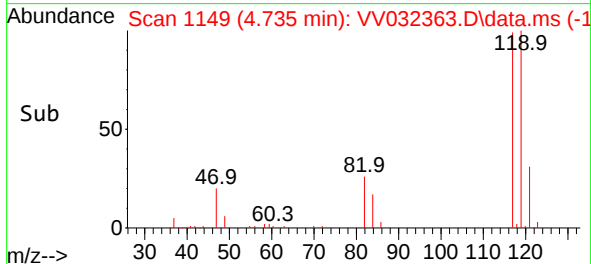
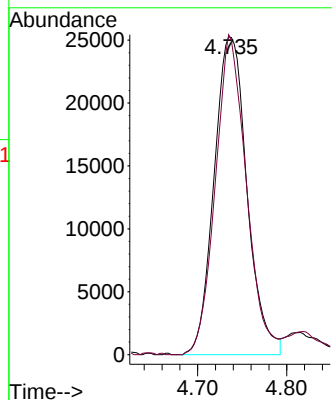
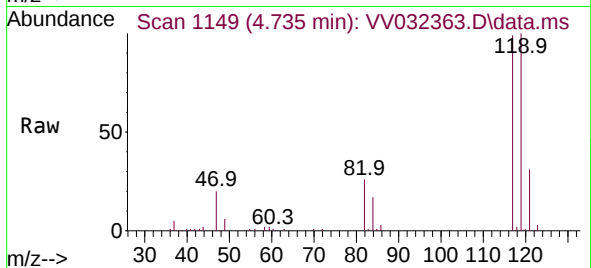




#31
Carbon tetrachloride
Concen: 4.848 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

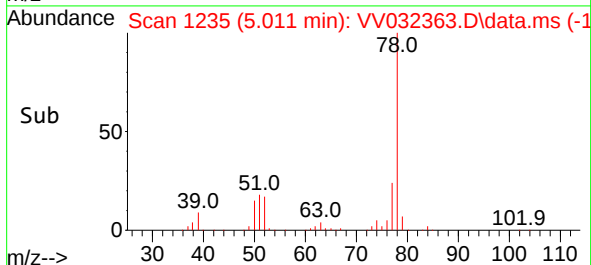
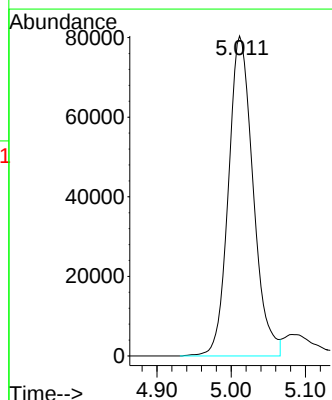
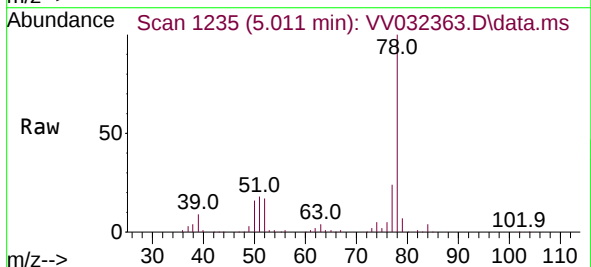
Instrument :
MSVOA_V
ClientSampleId :

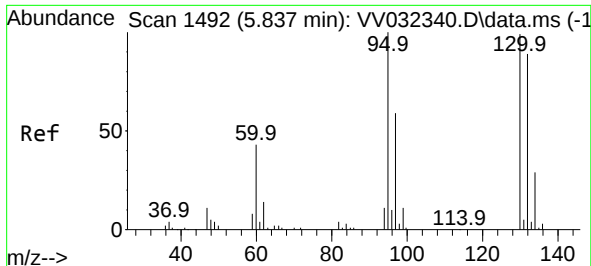
Tgt Ion:117 Resp: 64885
Ion Ratio Lower Upper
117 100
119 94.6 77.6 116.4



#33
Benzene
Concen: 4.532 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 78 Resp: 185645

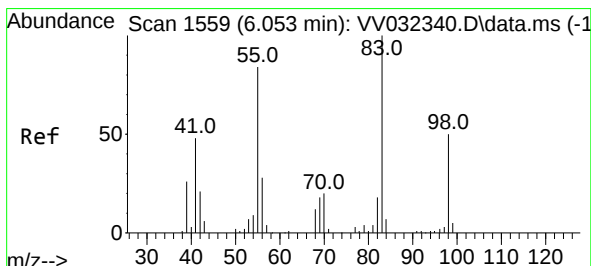
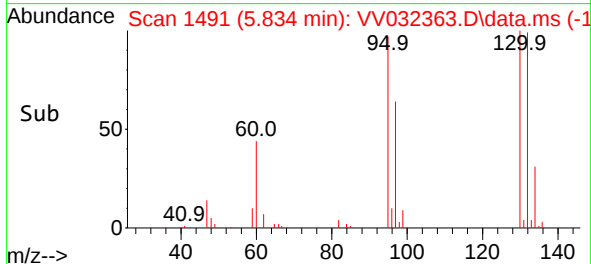
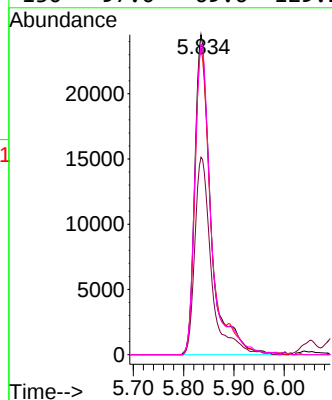
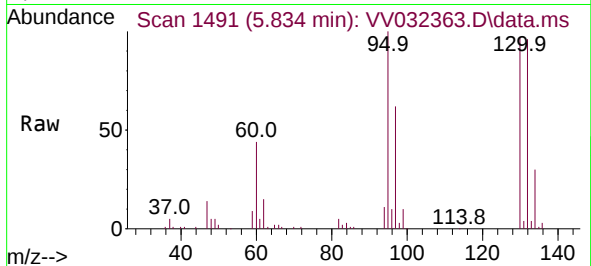




#34
Trichloroethene
Concen: 4.914 ug/L
RT: 5.834 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

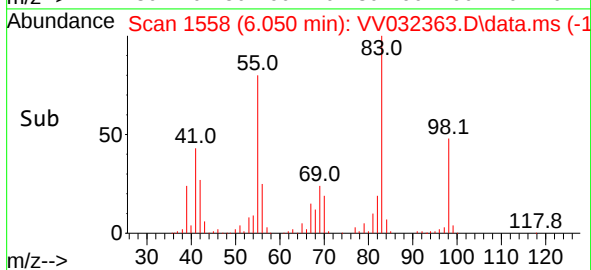
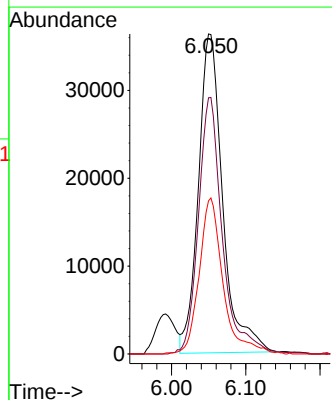
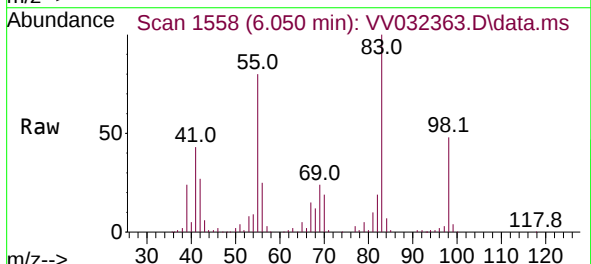
Instrument :
MSVOA_V
ClientSampleId :

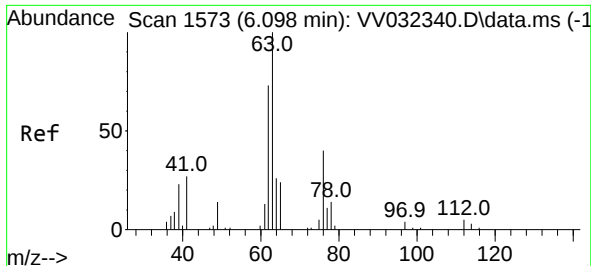
Tgt Ion: 95 Resp: 54948
Ion Ratio Lower Upper
95 100
97 61.7 45.7 84.9
132 95.9 70.3 130.5
130 97.0 69.6 129.2



#35
Methylcyclohexane
Concen: 4.766 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 83 Resp: 82485
Ion Ratio Lower Upper
83 100
55 79.5 64.2 96.2
98 48.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.730 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

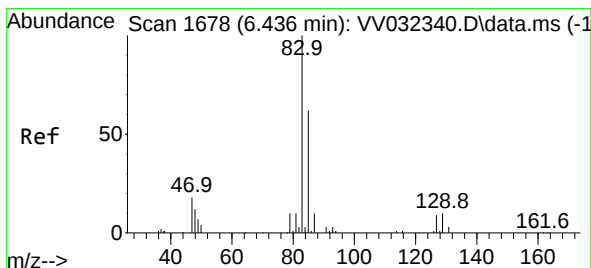
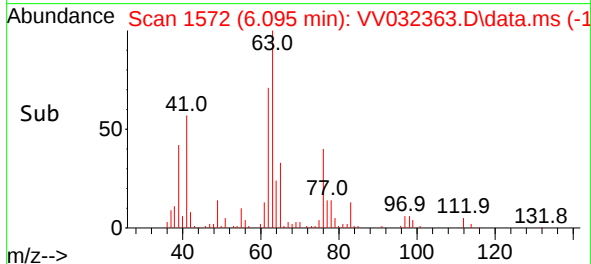
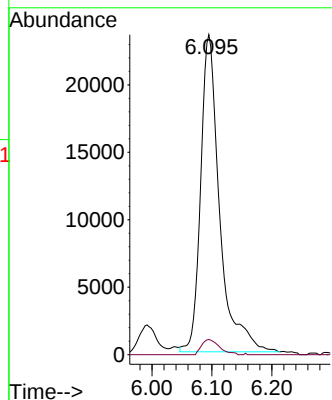
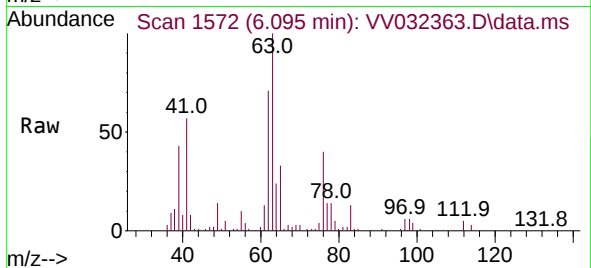
ClientSampleId :

Tgt Ion: 63 Resp: 51818

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 4.840 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

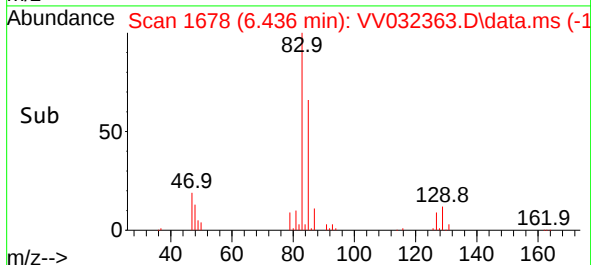
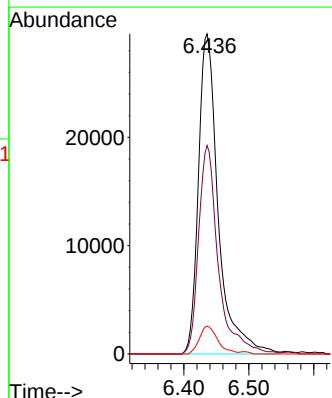
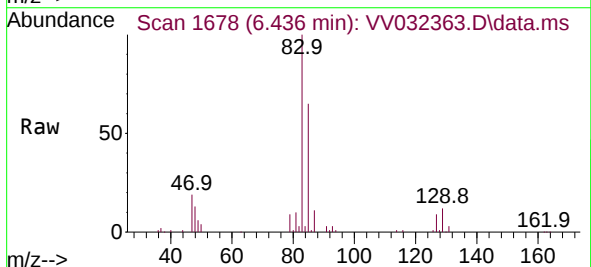
Tgt Ion: 83 Resp: 62996

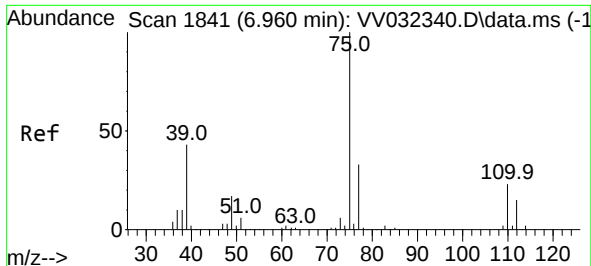
Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.453 ug/L

RT: 6.957 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

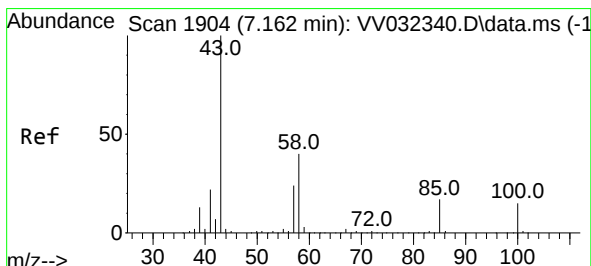
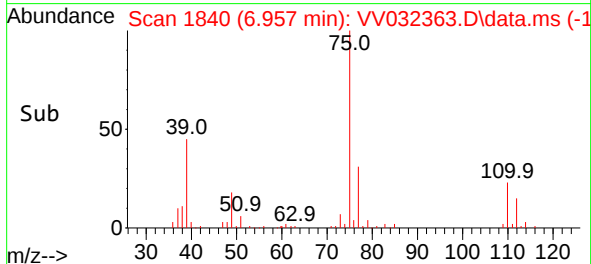
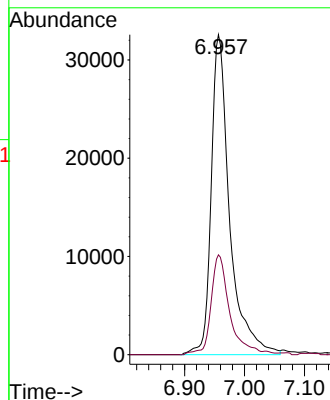
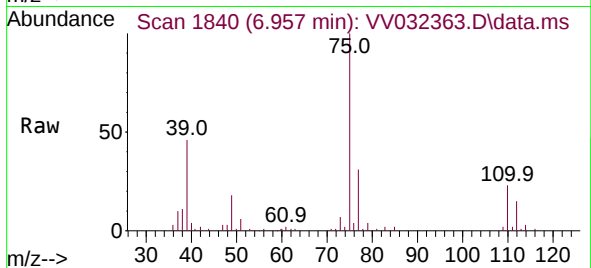
ClientSampleId :

Tgt Ion: 75 Resp: 69427

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 40.919 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

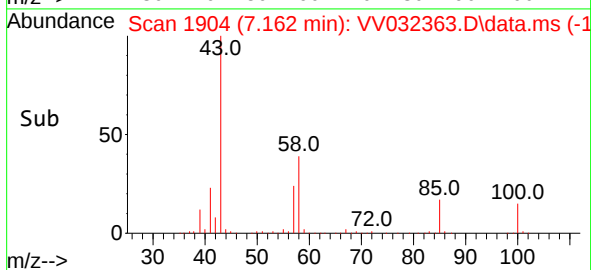
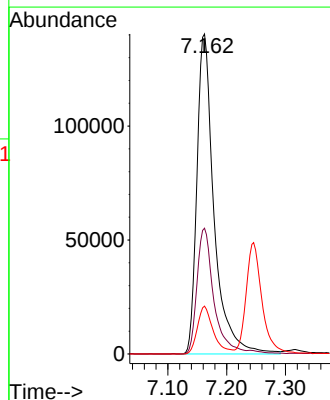
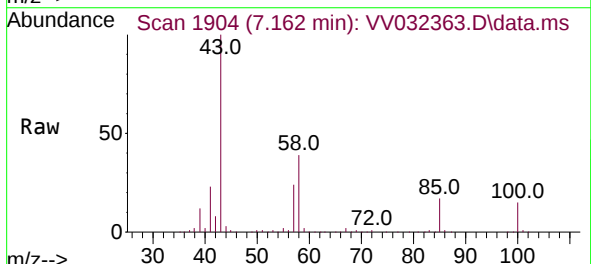
Tgt Ion: 43 Resp: 283681

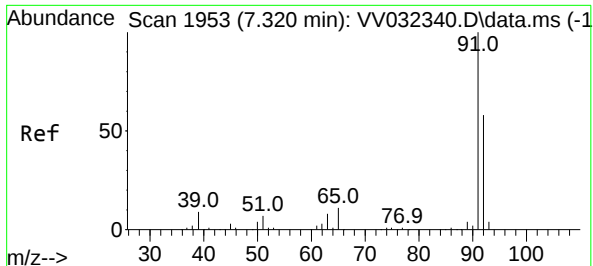
Ion Ratio Lower Upper

43 100

58 38.3 31.9 47.9

100 14.1 11.3 16.9





#42

Toluene

Concen: 4.924 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

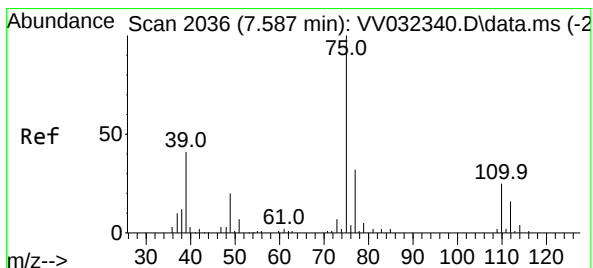
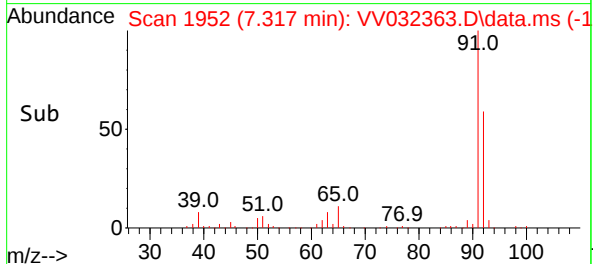
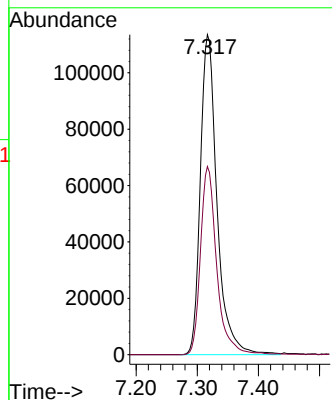
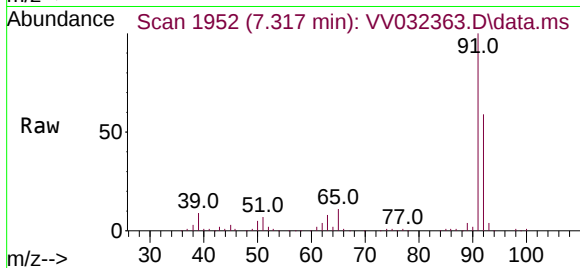
ClientSampleId :

Tgt Ion: 91 Resp: 215020

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.244 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032363.D

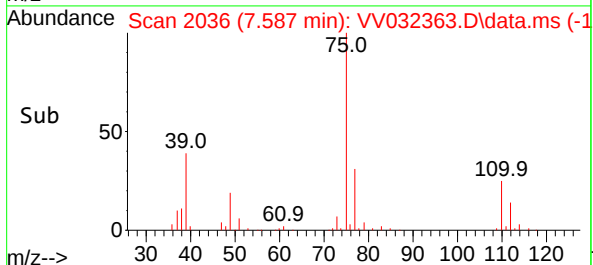
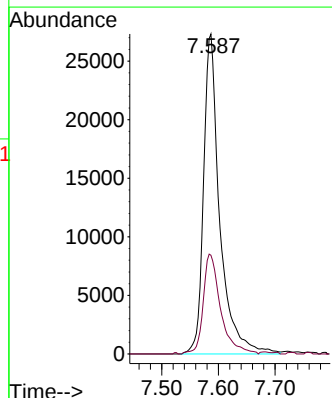
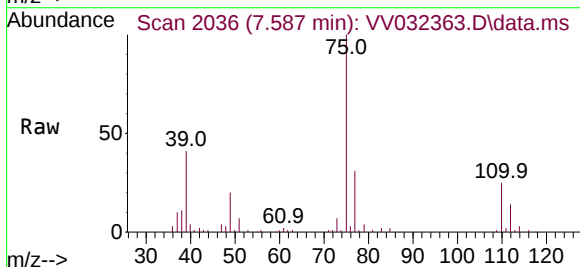
Acq: 10 Oct 2023 09:16

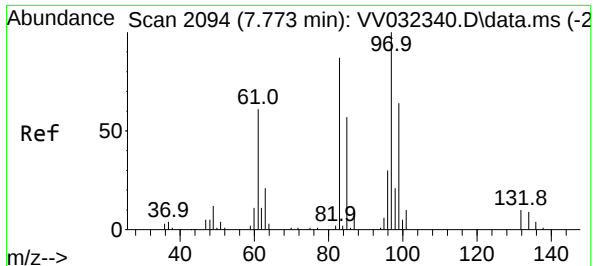
Tgt Ion: 75 Resp: 54375

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.552 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 35179

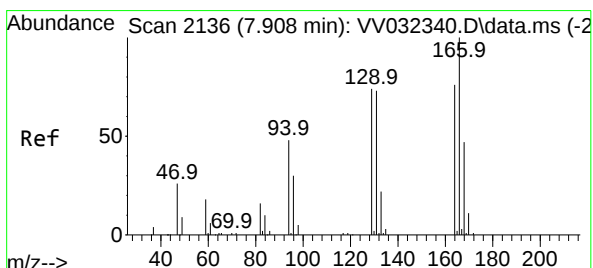
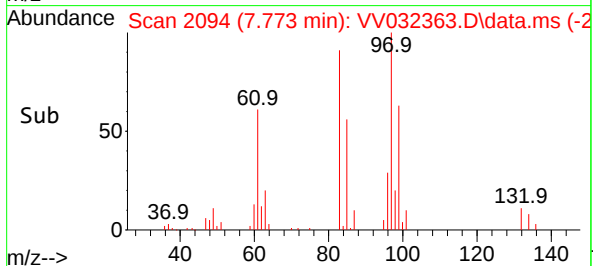
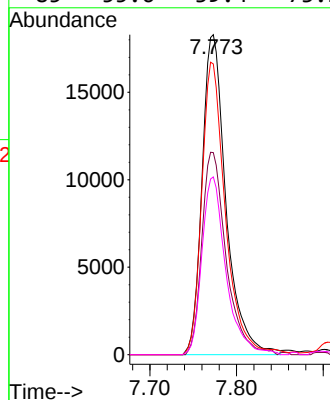
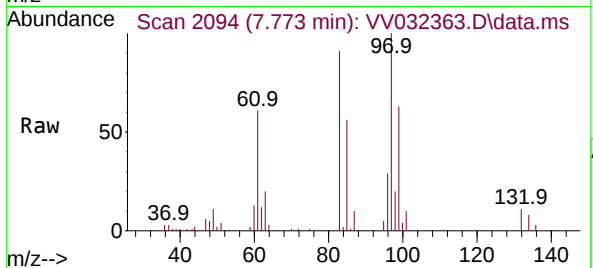
Ion Ratio Lower Upper

97 100

99 63.1 42.8 79.4

83 90.9 60.9 113.1

85 55.6 39.4 73.2



#47

Tetrachloroethene

Concen: 4.853 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Tgt Ion:164 Resp: 41158

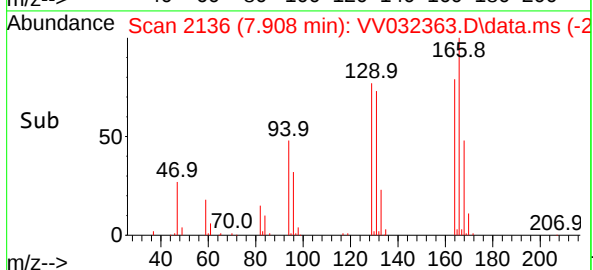
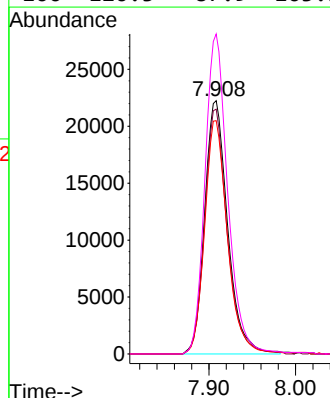
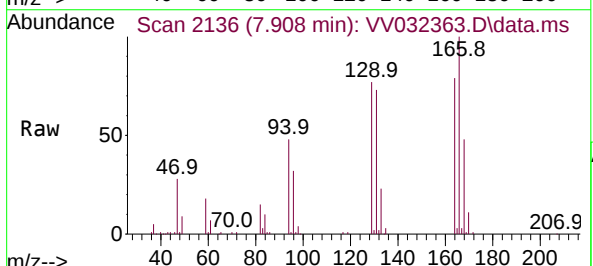
Ion Ratio Lower Upper

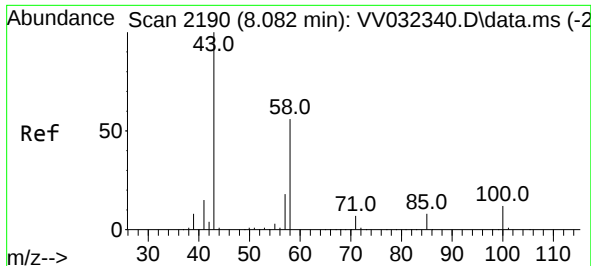
164 100

129 96.7 66.4 123.4

131 92.1 63.7 118.3

166 126.3 87.9 163.3



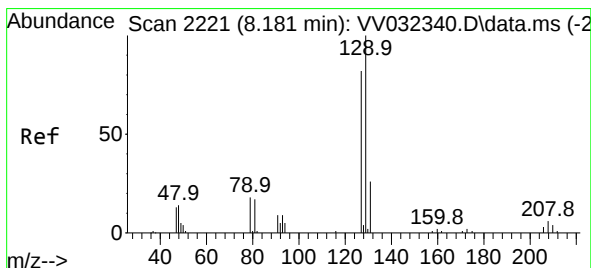
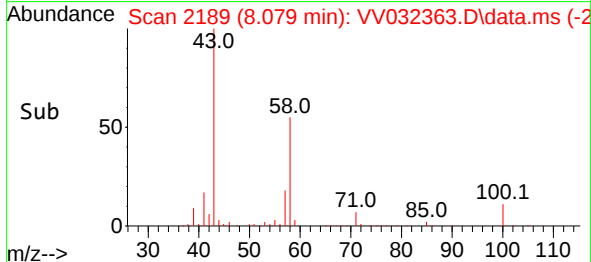
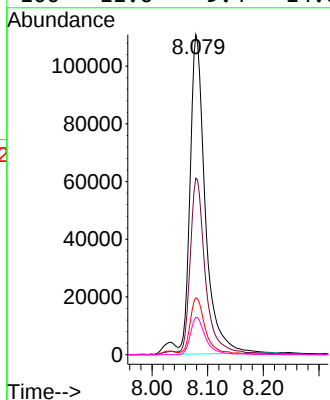
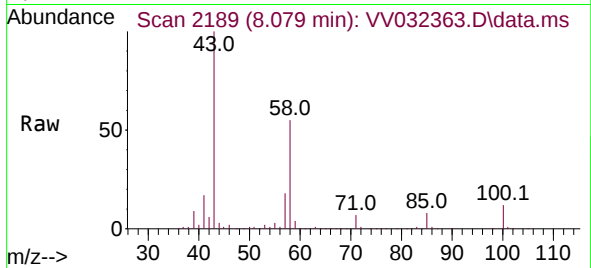


#48
2-Hexanone
Concen: 42.824 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 209471

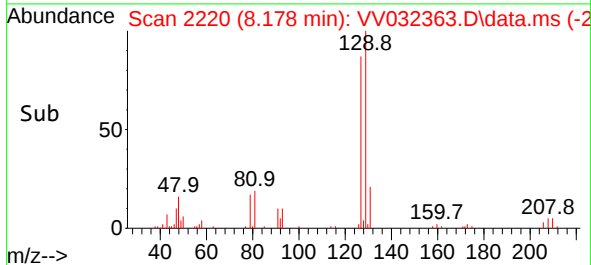
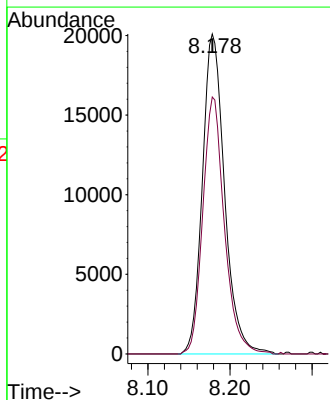
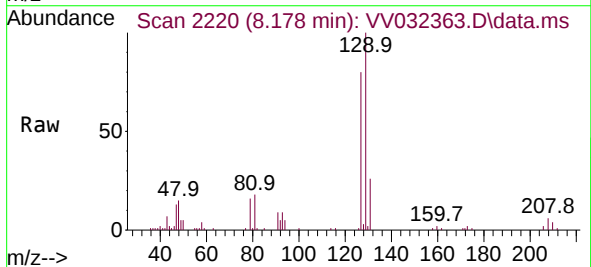
Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.6	65.4
57	17.1	14.6	22.0
100	11.6	9.4	14.0

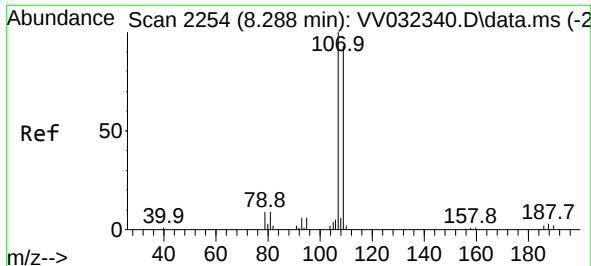


#49
Dibromochloromethane
Concen: 4.697 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 129 Resp: 37794

Ion	Ratio	Lower	Upper
129	100		
127	80.3	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.430 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032363.D

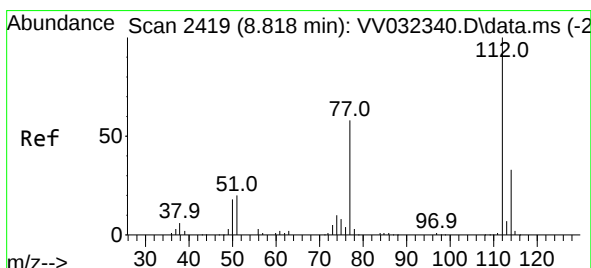
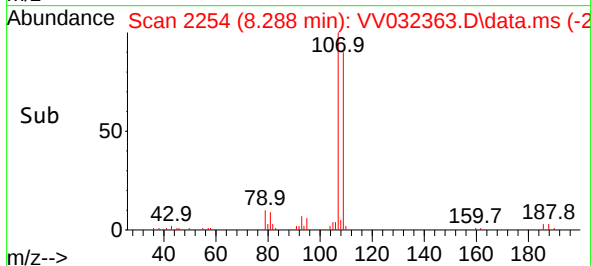
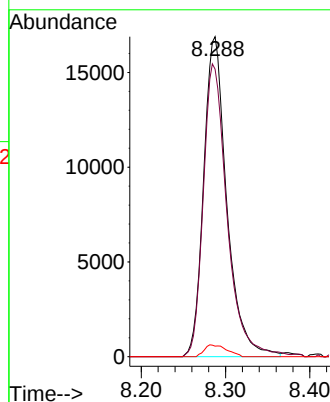
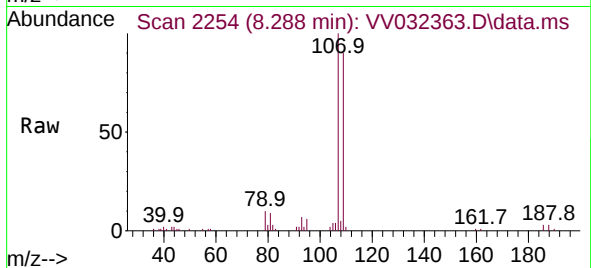
Acq: 10 Oct 2023 09:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	32382
Ion	Ratio	Lower Upper
107	100	
109	89.9	68.4 127.0
188	3.3	3.2 4.8



#51

Chlorobenzene

Concen: 4.715 ug/L

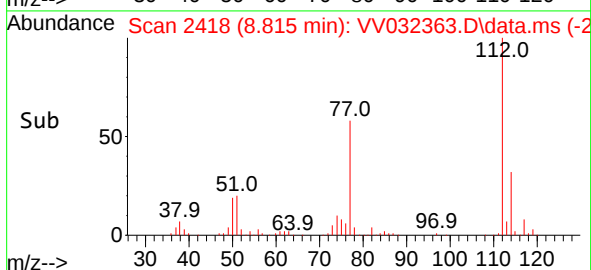
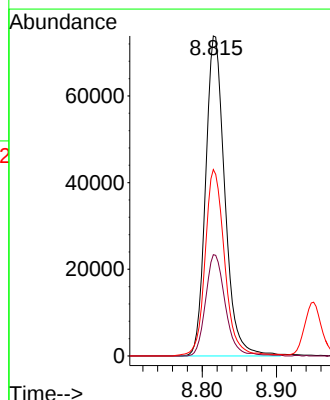
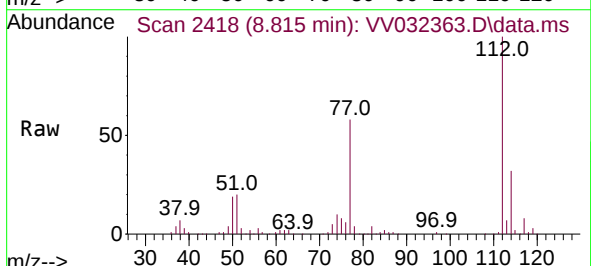
RT: 8.815 min Scan# 2418

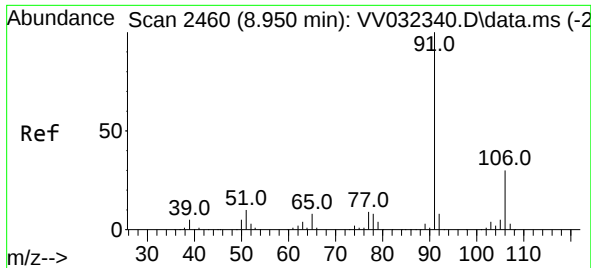
Delta R.T. -0.003 min

Lab File: VV032363.D

Acq: 10 Oct 2023 09:16

Tgt Ion:112	Resp:	132575
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.1 41.1
77	58.2	46.1 69.1

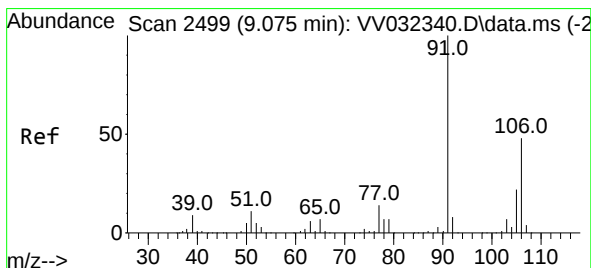
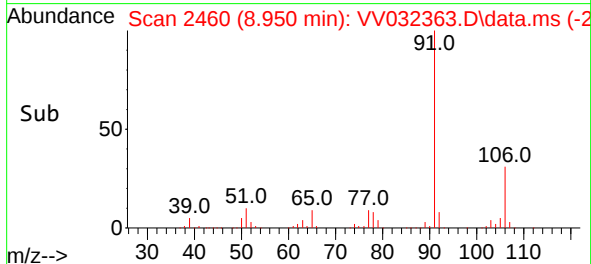
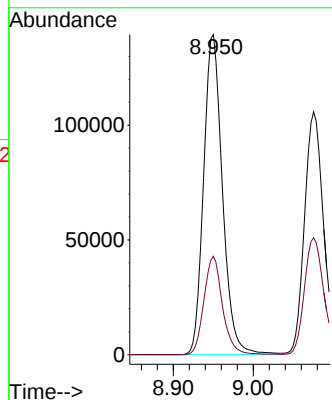
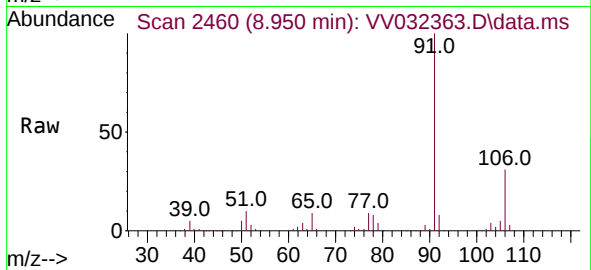




#52
Ethylbenzene
Concen: 4.713 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

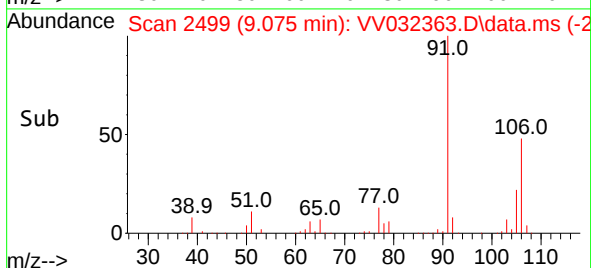
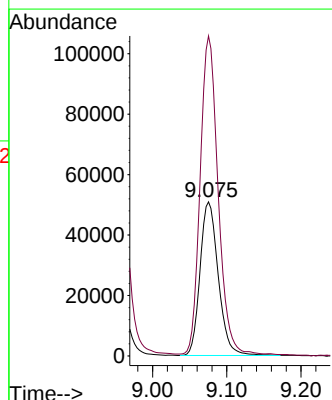
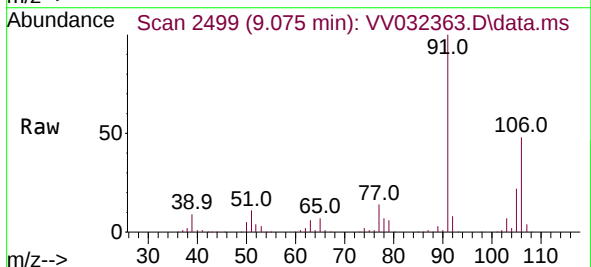
Instrument :
MSVOA_V
ClientSampleId :

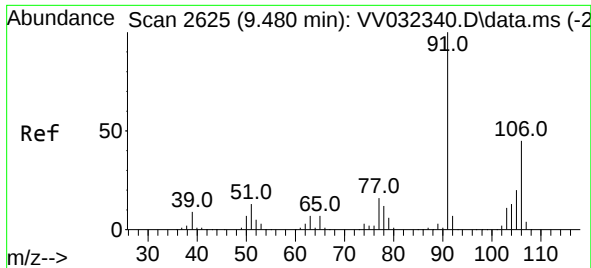
Tgt Ion: 91 Resp: 229163
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5



#53
m,p-Xylene
Concen: 4.807 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 106 Resp: 86692
Ion Ratio Lower Upper
106 100
91 207.7 144.5 268.3

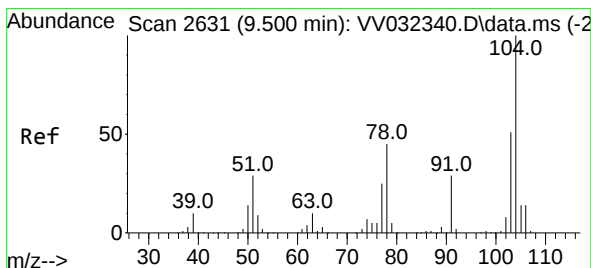
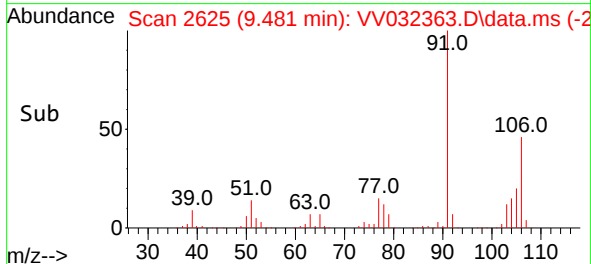
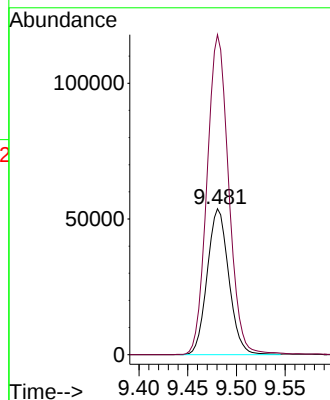
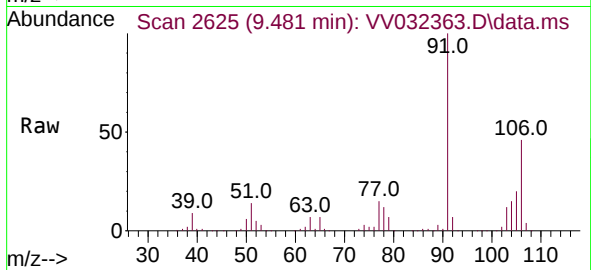




#54
o-Xylene
Concen: 4.770 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

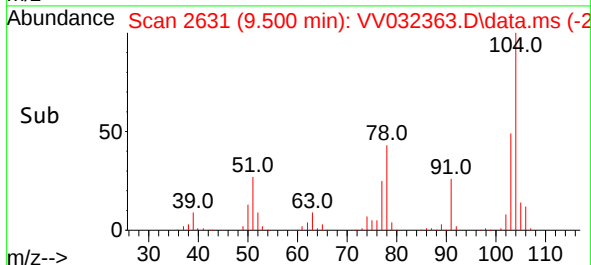
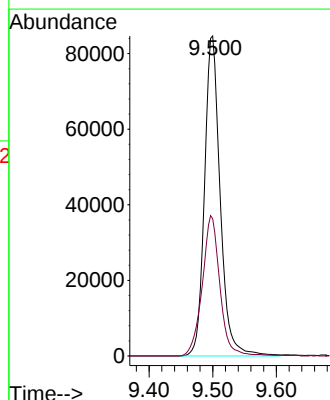
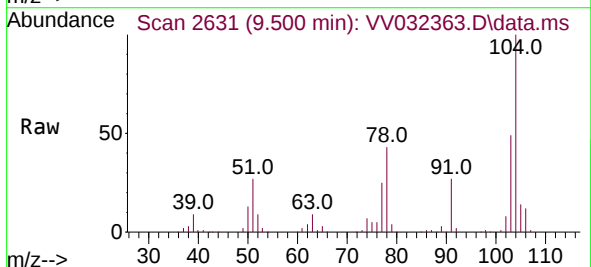
Instrument :
MSVOA_V
ClientSampleId :

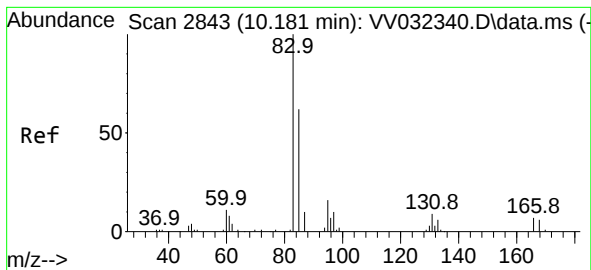
Tgt Ion:106 Resp: 82900
Ion Ratio Lower Upper
106 100
91 219.4 154.8 287.4



#55
Styrene
Concen: 4.940 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion:104 Resp: 144971
Ion Ratio Lower Upper
104 100
78 42.9 29.9 55.5



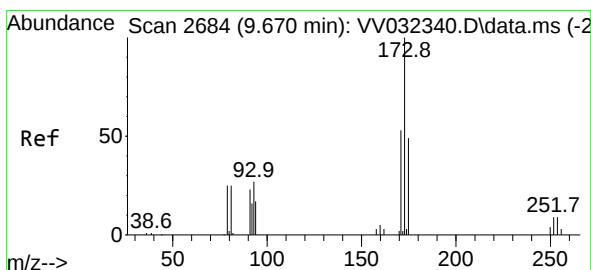
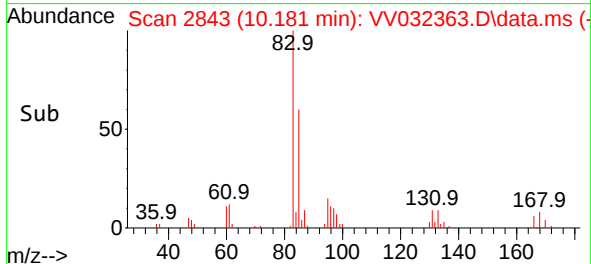
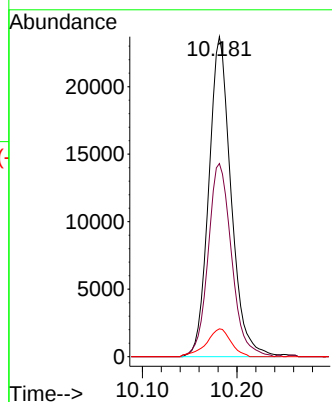
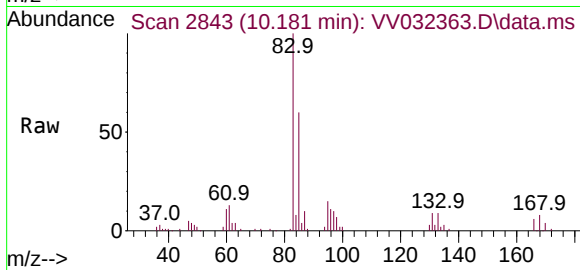


#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.562 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 38795

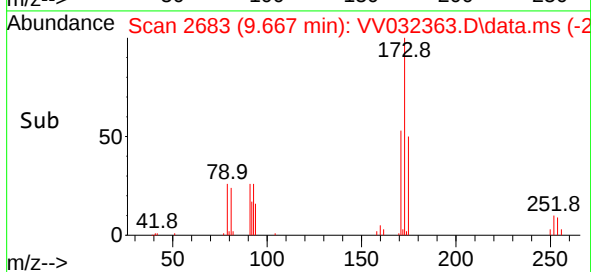
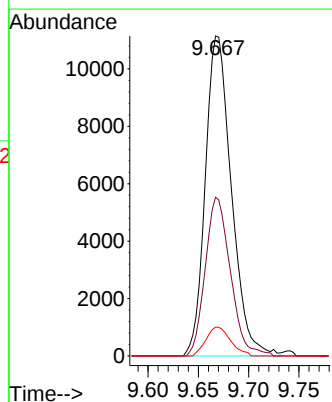
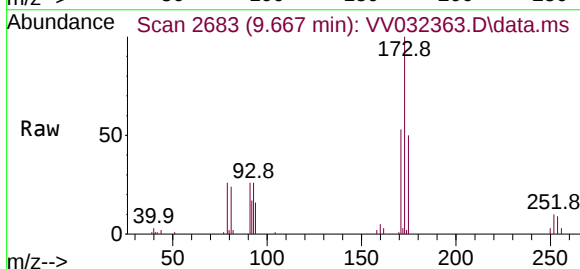
Ion	Ratio	Lower	Upper
83	100		
85	60.3	43.6	81.0
131	8.7	7.0	10.6

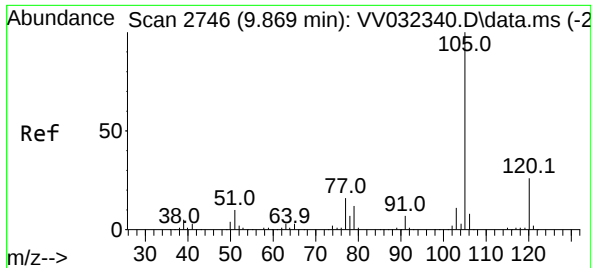


#59
 Bromoform
 Concen: 4.590 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.003 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Tgt Ion: 173 Resp: 20150

Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.2	57.2
254	8.5	7.0	10.4

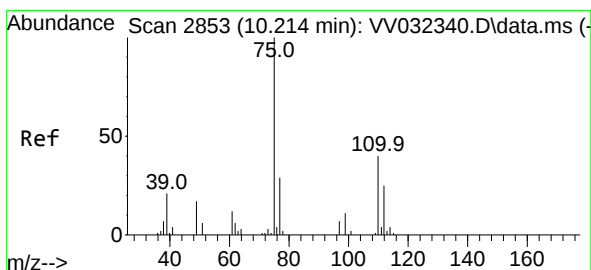
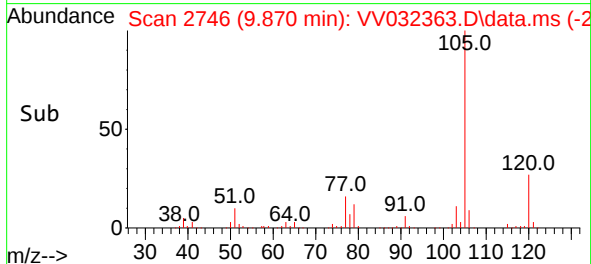
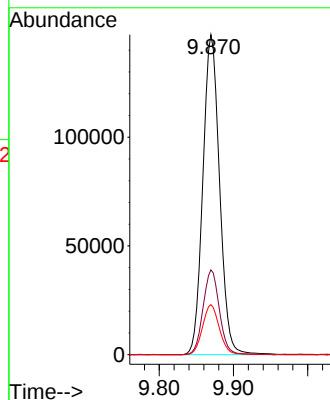
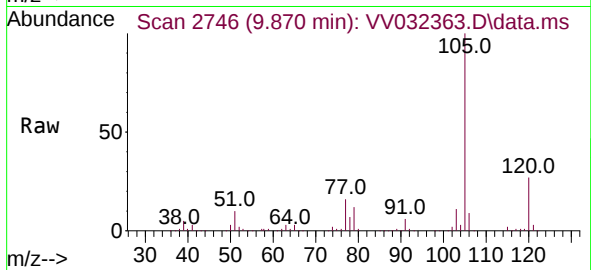




#60
Isopropylbenzene
Concen: 4.894 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

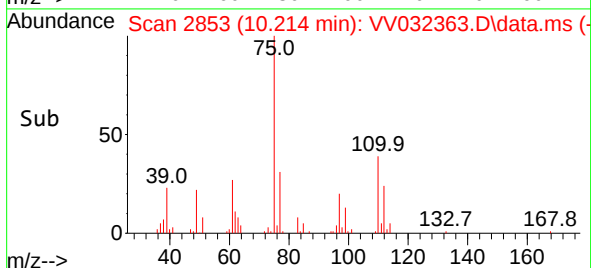
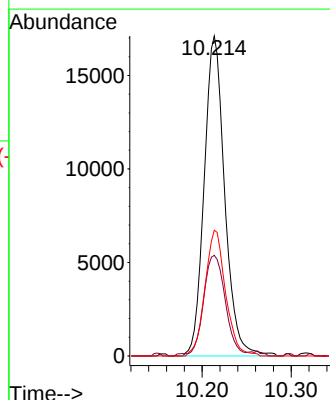
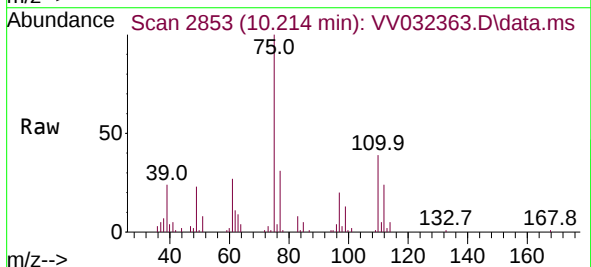
Instrument :
MSVOA_V
ClientSampleId :

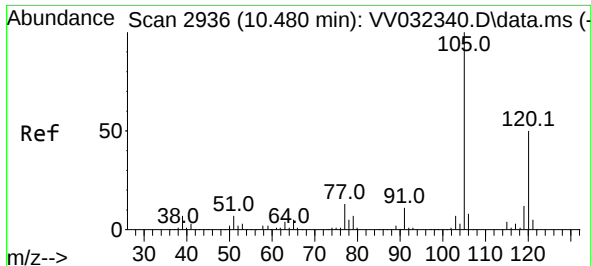
Tgt Ion:105 Resp: 229635
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.260 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion: 75 Resp: 27373
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 39.4 30.6 46.0

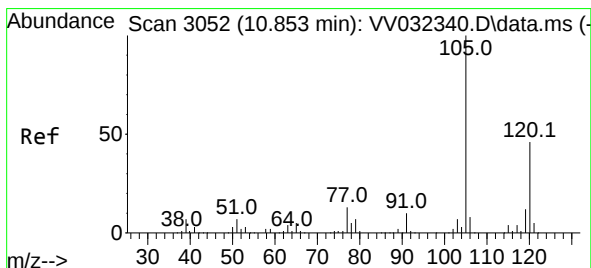
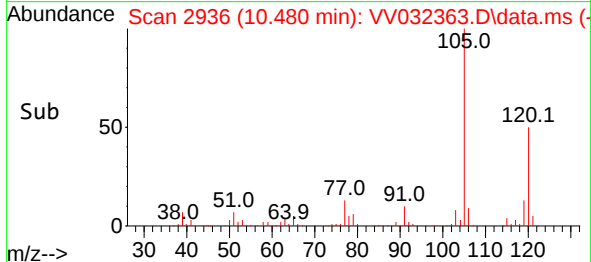
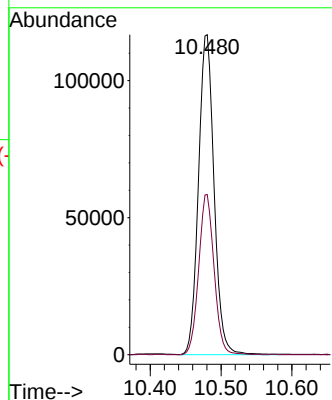
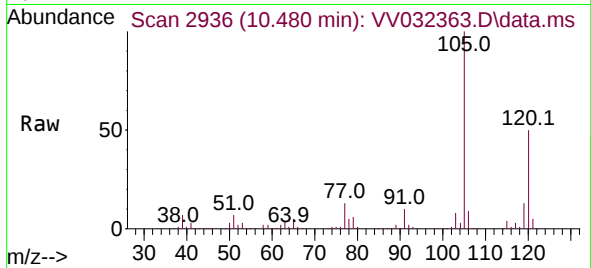




#62
 1,3,5-Trimethylbenzene
 Concen: 4.666 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

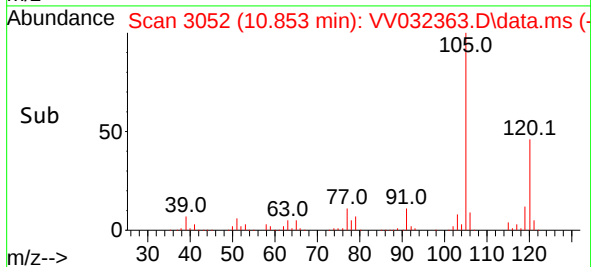
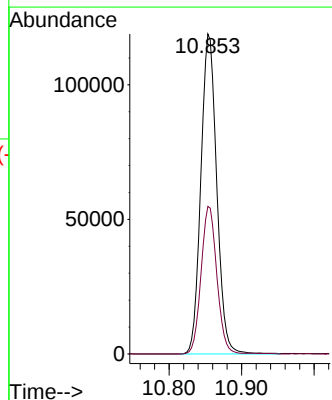
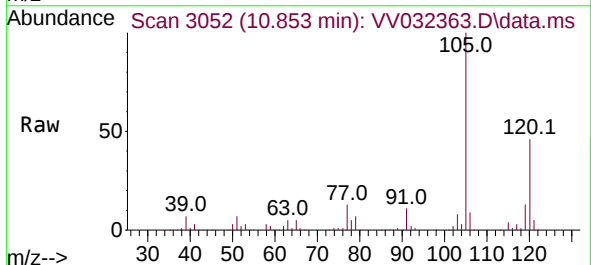
Instrument :
 MSVOA_V
 ClientSampleId :

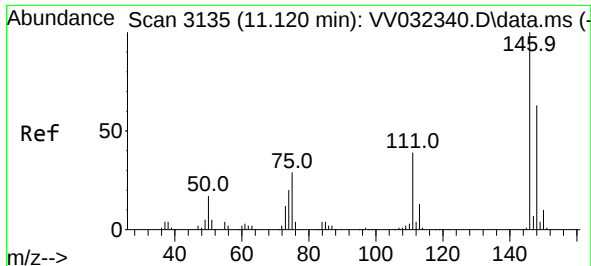
Tgt Ion:105 Resp: 178445
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.747 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

Tgt Ion:105 Resp: 180737
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.2 54.4

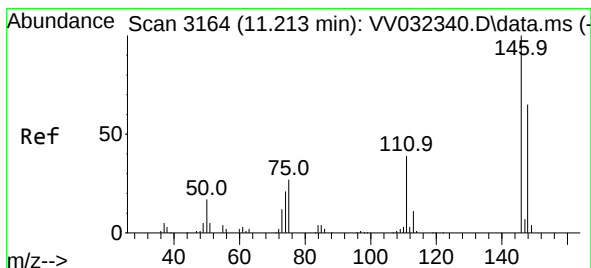
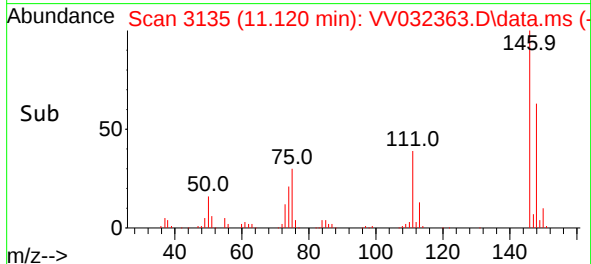
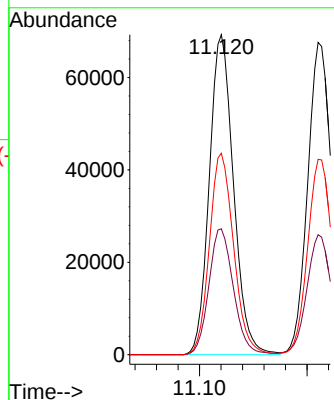
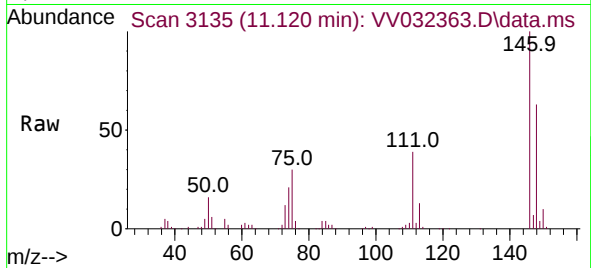




#64
1,3-Dichlorobenzene
Concen: 4.832 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

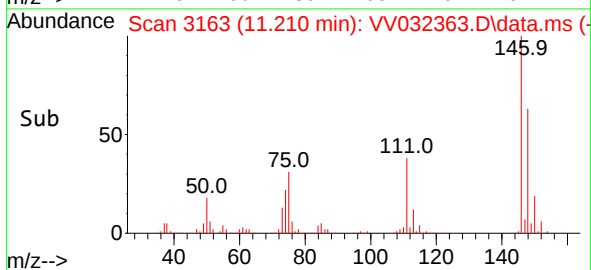
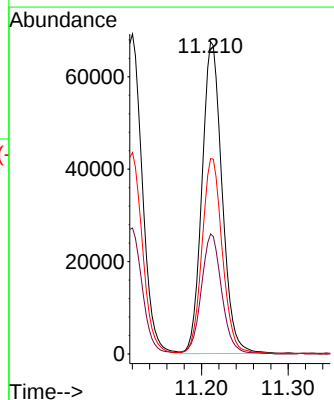
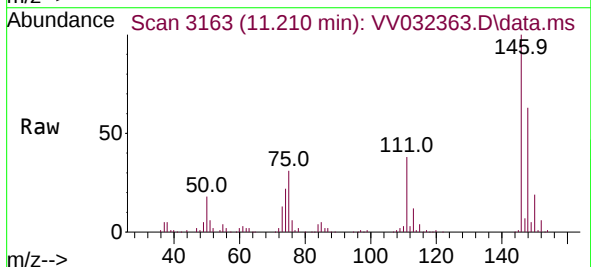
Instrument :
MSVOA_V
ClientSampleId :

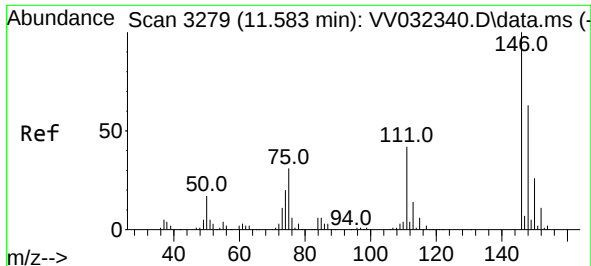
Tgt Ion:146 Resp: 108313
Ion Ratio Lower Upper
146 100
111 39.4 27.8 51.6
148 63.0 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.839 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

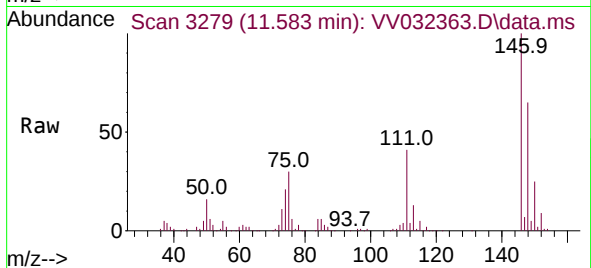
Tgt Ion:146 Resp: 108825
Ion Ratio Lower Upper
146 100
111 38.4 26.9 49.9
148 62.6 44.8 83.2



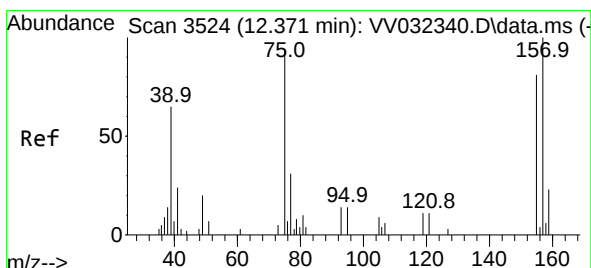
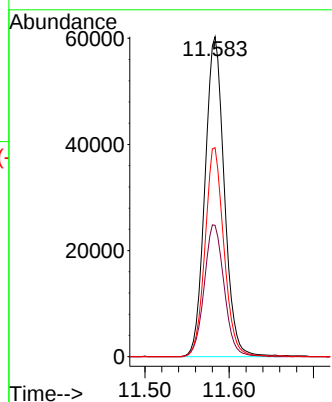
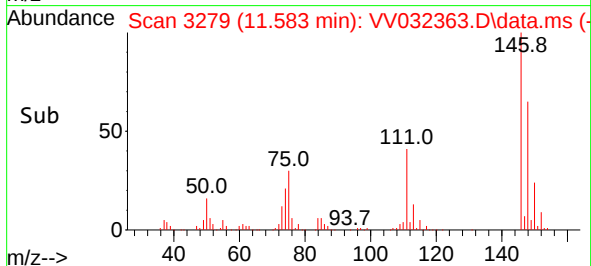


#67
 1,2-Dichlorobenzene
 Concen: 4.715 ug/L
 RT: 11.583 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

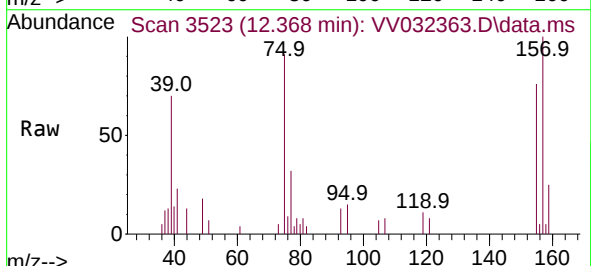
Instrument :
 MSVOA_V
 ClientSampleId :



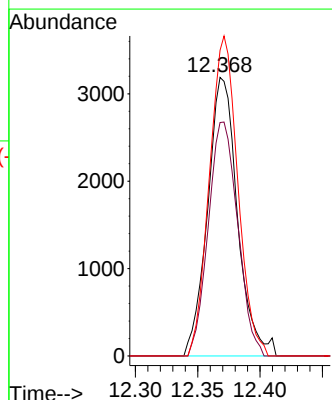
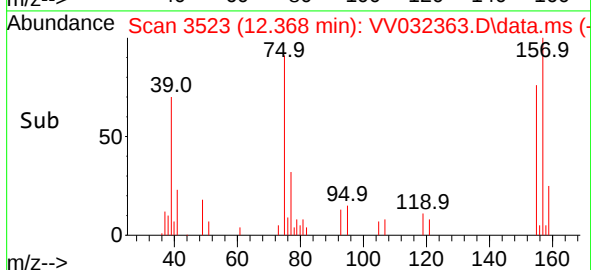
Tgt Ion:146 Resp: 96375
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.8 49.2
 148 65.3 51.0 76.4

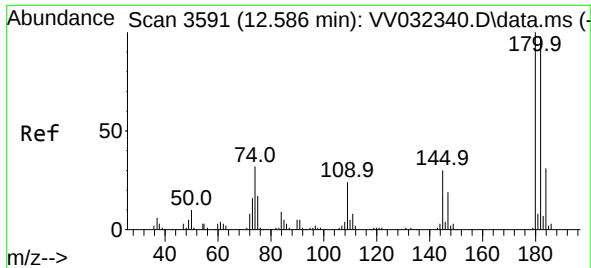


#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.051 ug/L
 RT: 12.368 min Scan# 3523
 Delta R.T. -0.003 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16



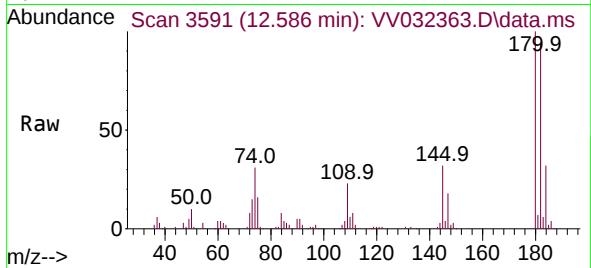
Tgt Ion: 75 Resp: 5318
 Ion Ratio Lower Upper
 75 100
 155 83.8 70.2 105.4
 157 109.7 90.6 135.8



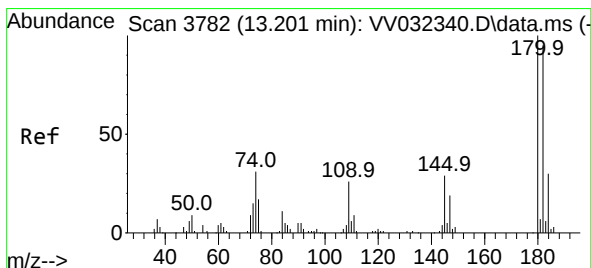
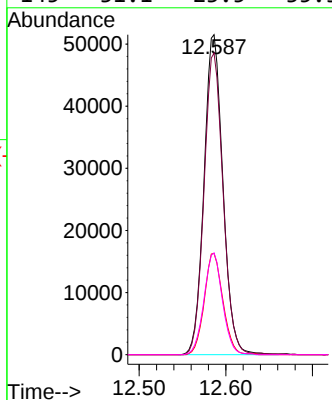
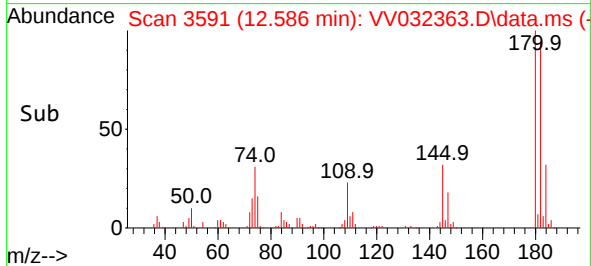


#69
 1,3,5-Trichlorobenzene
 Concen: 4.772 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16

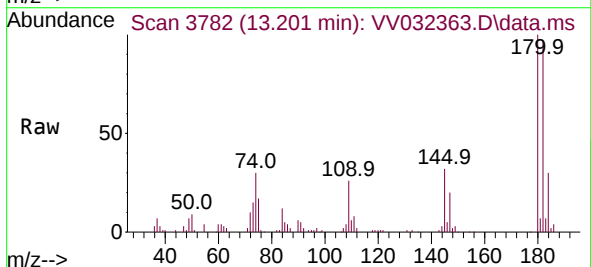
Instrument :
 MSVOA_V
 ClientSampleId :



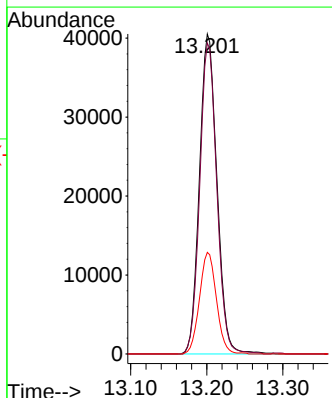
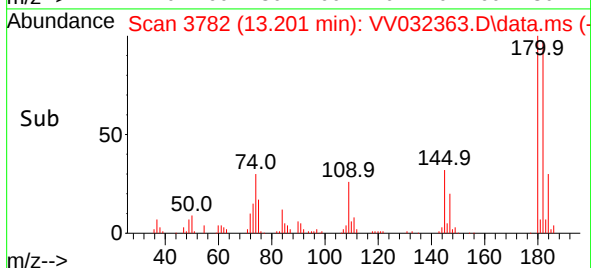
Tgt Ion:180 Resp: 78334
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.6 112.0
 184 31.1 24.1 36.1
 145 31.1 23.5 35.3

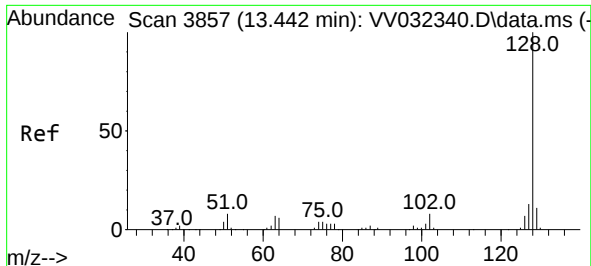


#70
 1,2,4-trichlorobenzene
 Concen: 4.455 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032363.D
 Acq: 10 Oct 2023 09:16



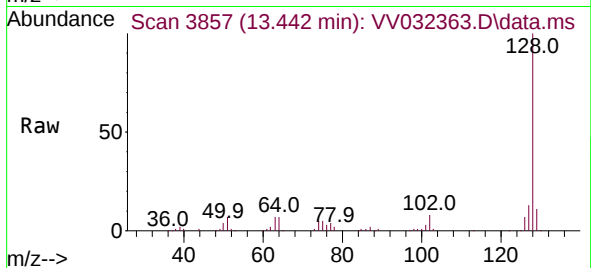
Tgt Ion:180 Resp: 64859
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.5 114.7
 145 30.6 24.3 36.5



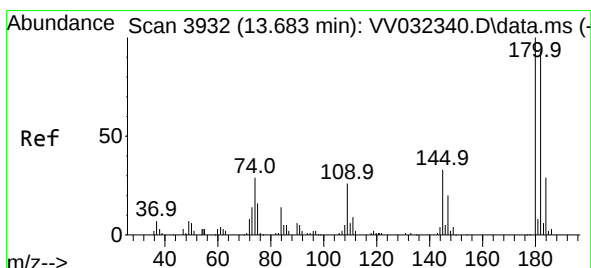
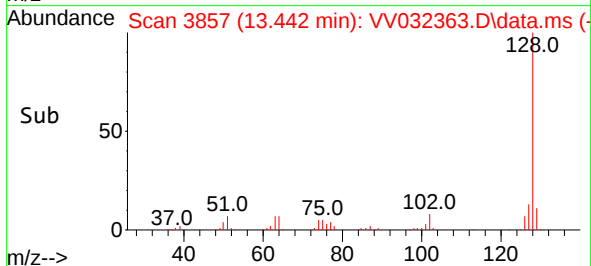
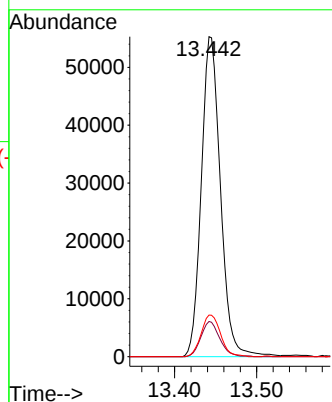


#71
Naphthalene
Concen: 3.628 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 89725
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.607 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032363.D
Acq: 10 Oct 2023 09:16

Tgt Ion:180 Resp: 57792
Ion Ratio Lower Upper
180 100
182 93.8 77.0 115.4
145 31.5 25.7 38.5

