

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031883.D
 Acq On : 23 Aug 2023 21:45
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 04:51:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	116997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	110208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20955	5.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.535	69	24227	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.059	65	12157	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	3.812	46	92110	48.154	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.300%
24) Chloroform-d	4.252	84	69435	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	4.947	65	36306	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.963	84	134142	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	5.992	67	44131	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.246	98	122632	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	7.558	79	16452	5.102	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.030	63	98236	57.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34335	5.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	49299	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31618	4.732	ug/L	99
3) Chloromethane	1.217	50	34471	4.815	ug/L	99
5) Vinyl chloride	1.285	62	36034	4.911	ug/L	97
6) Bromomethane	1.490	94	21975	4.792	ug/L	99
8) Chloroethane	1.551	64	23163	4.943	ug/L	100
9) Trichlorofluoromethane	1.715	101	47260	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27144	4.809	ug/L	94
12) 1,1-Dichloroethene	2.072	96	26578	5.046	ug/L	87
13) Acetone	2.143	43	36580	32.455	ug/L	69
14) Carbon disulfide	2.243	76	75123	5.071	ug/L	99
15) Methyl Acetate	2.387	43	13228	5.759	ug/L	93
16) Methylene chloride	2.449	84	35151	4.104	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	83235	5.094	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	29491	4.940	ug/L	96
19) 1,1-Dichloroethane	3.114	63	60550	4.924	ug/L	99
21) 2-Butanone	3.899	43	66503	41.657	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	34724	5.049	ug/L	98
23) Bromochloromethane	4.153	128	14270	5.229	ug/L	97
25) Chloroform	4.281	83	61766	4.928	ug/L	99

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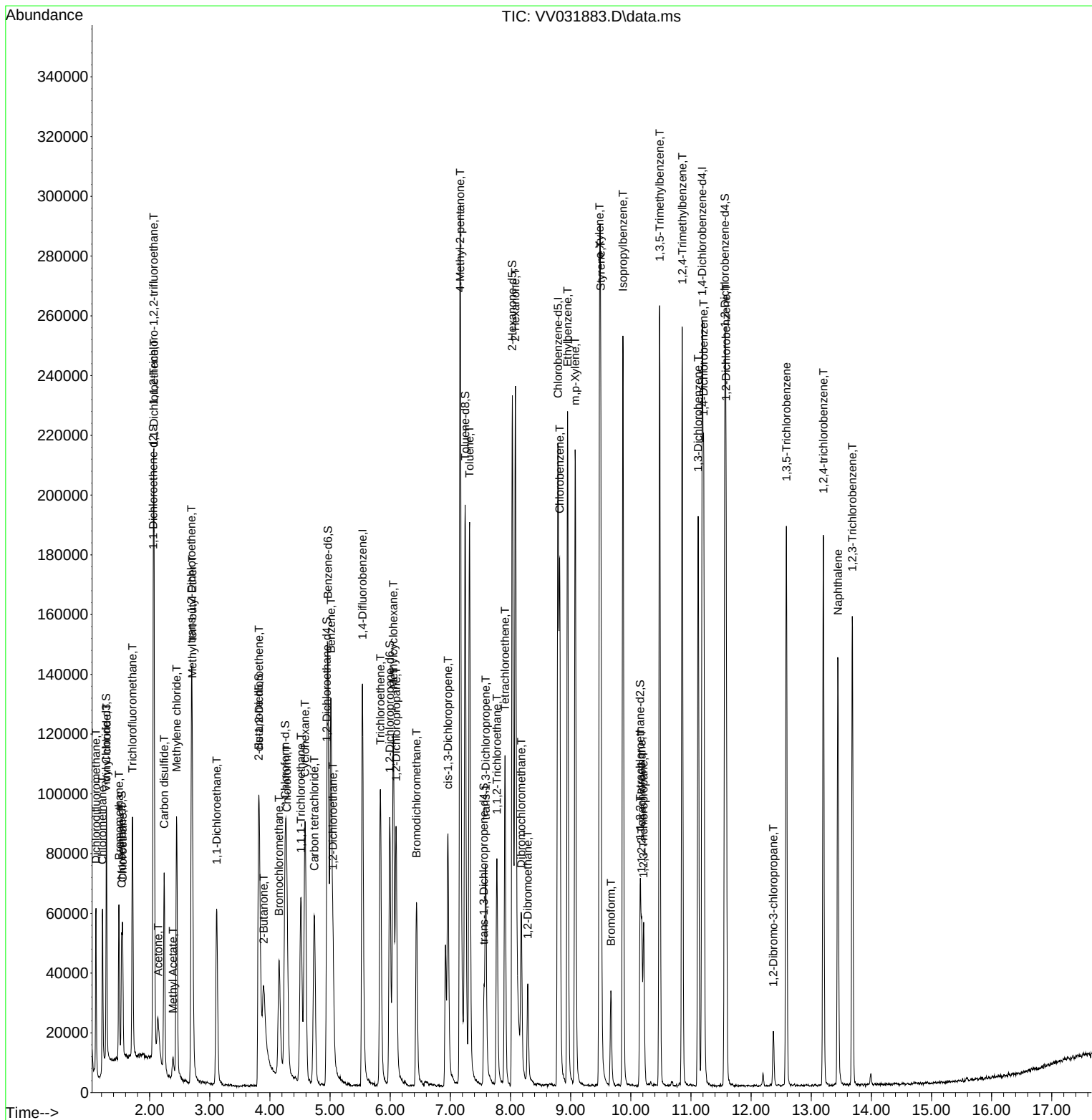
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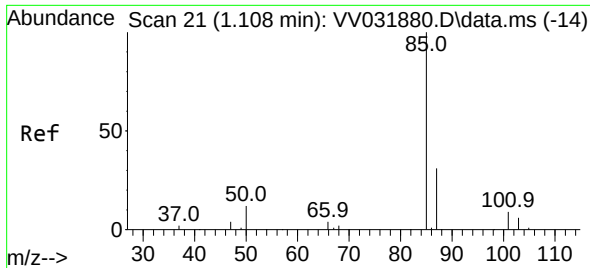
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	37689	5.028	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	52080	4.892	ug/L	99
30) Cyclohexane	4.583	56	51689	4.725	ug/L	97
31) Carbon tetrachloride	4.738	117	43652	5.070	ug/L	97
33) Benzene	5.014	78	130049	5.123	ug/L	100
34) Trichloroethene	5.837	95	37188	5.012	ug/L	98
35) Methylcyclohexane	6.053	83	52492	4.860	ug/L	100
37) 1,2-Dichloropropane	6.098	63	35245	5.039	ug/L	99
38) Bromodichloromethane	6.436	83	45716	5.050	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	54959	5.165	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	217367	49.585	ug/L	93
42) Toluene	7.320	91	139852	4.959	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	45589	5.132	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	24727	4.939	ug/L	95
47) Tetrachloroethene	7.908	164	24336	5.134	ug/L	97
48) 2-Hexanone	8.082	43	171153	52.257	ug/L	99
49) Dibromochloromethane	8.178	129	26399	5.060	ug/L	98
50) 1,2-Dibromoethane	8.288	107	23342	5.156	ug/L	99
51) Chlorobenzene	8.818	112	90061	5.043	ug/L	99
52) Ethylbenzene	8.950	91	161166	4.971	ug/L	99
53) m,p-Xylene	9.075	106	59667	4.886	ug/L	99
54) o-Xylene	9.480	106	59683	5.057	ug/L	99
55) Styrene	9.500	104	104233	5.120	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	25787	5.087	ug/L	97
59) Bromoform	9.670	173	14541	5.284	ug/L	100
60) Isopropylbenzene	9.869	105	161433	4.986	ug/L	98
61) 1,2,3-Trichloropropane	10.213	75	22024	5.134	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	140894	5.077	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	137840	5.055	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	72640	5.066	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	74335	5.046	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	66780	5.089	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	4849	4.990	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	53315	5.002	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	50098	5.156	ug/L	98
71) Naphthalene	13.445	128	110006	6.010	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	43445	5.310	ug/L	99

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

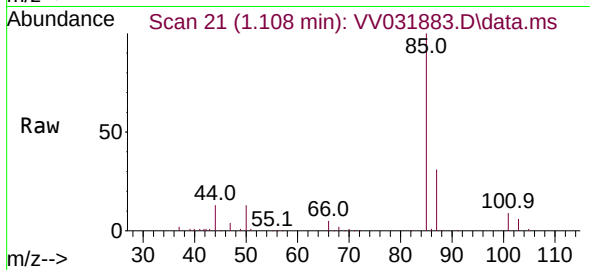
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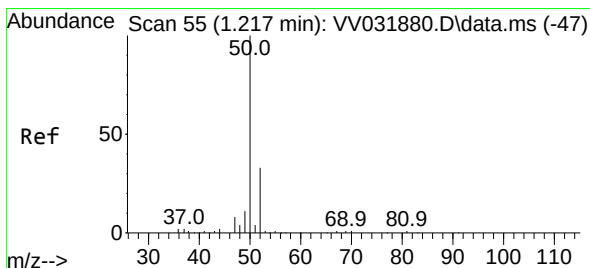
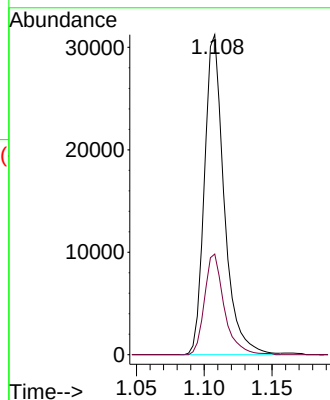
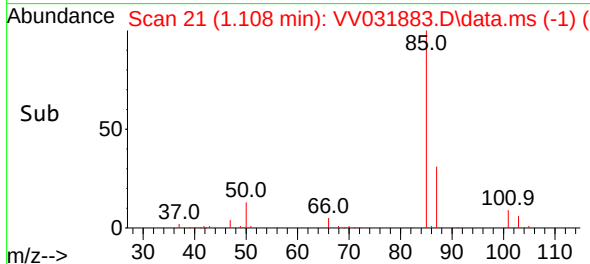


#2
 Dichlorodifluoromethane
 Concen: 4.732 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

Instrument :
 MSVOA_V
 ClientSampleId :

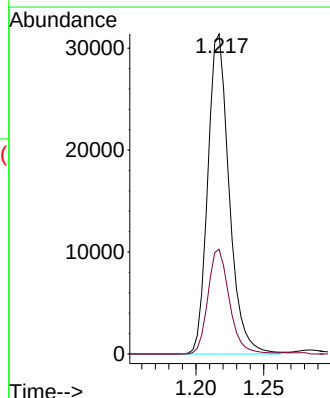
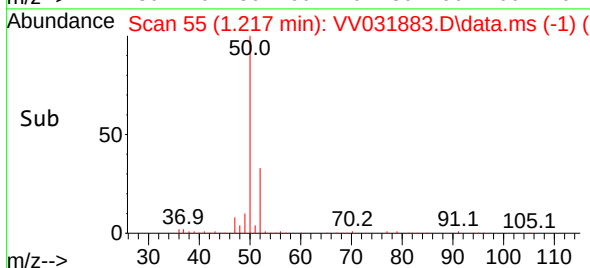
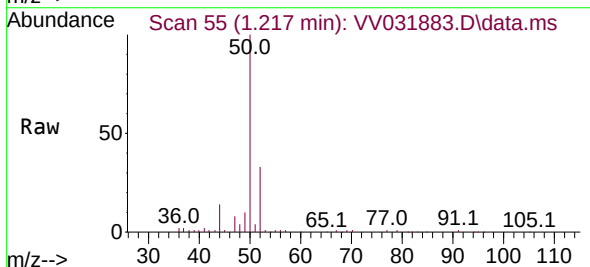


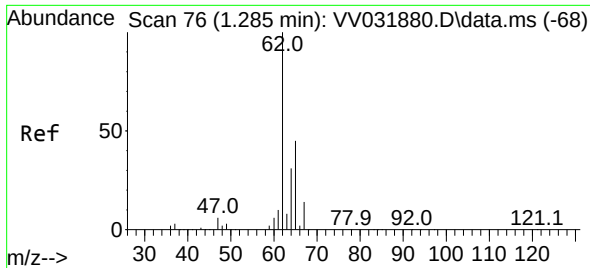
Tgt Ion: 85 Resp: 31618
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.815 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

Tgt Ion: 50 Resp: 34471
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.3 43.3

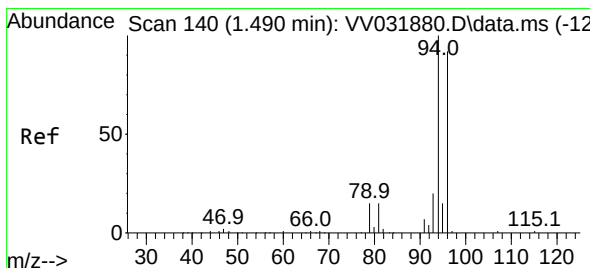
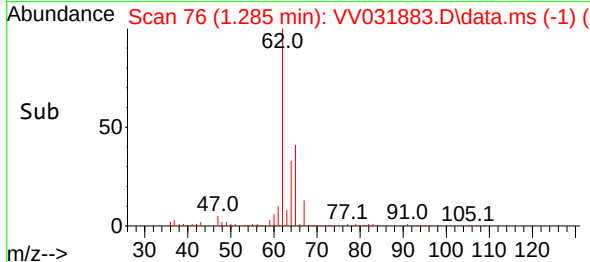
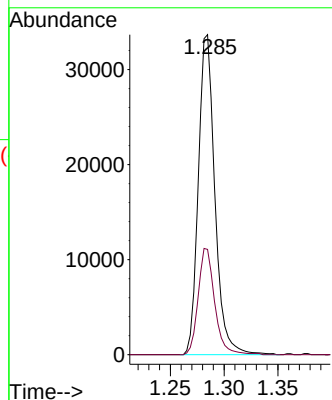
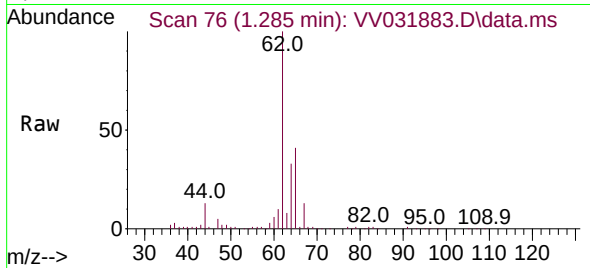




#5
 Vinyl chloride
 Concen: 4.911 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

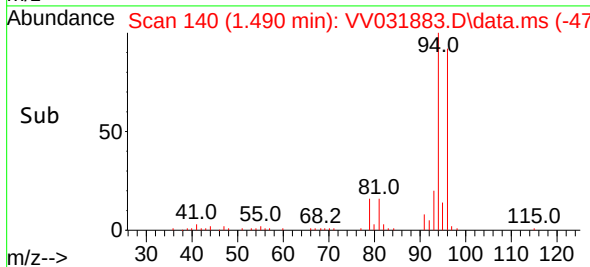
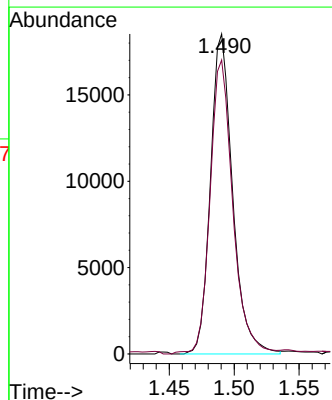
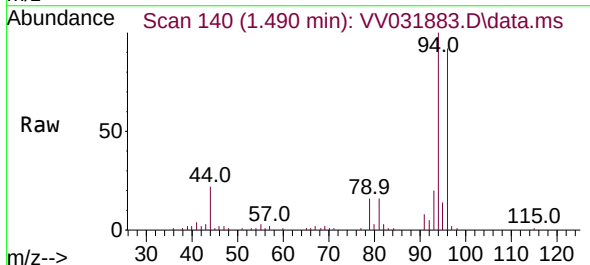
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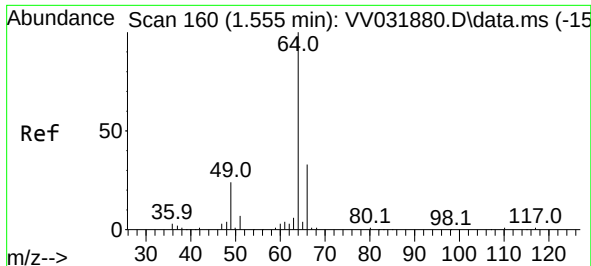
Tgt Ion: 62 Resp: 36034
 Ion Ratio Lower Upper
 62 100
 64 32.9 21.7 40.3



#6
 Bromomethane
 Concen: 4.792 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

Tgt Ion: 94 Resp: 21975
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.0 120.8

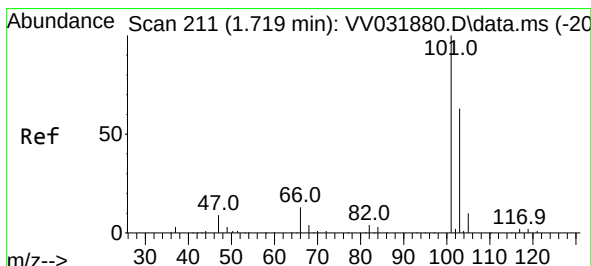
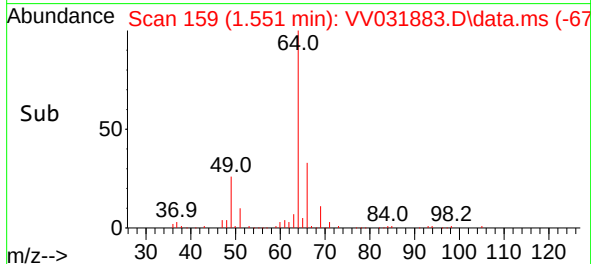
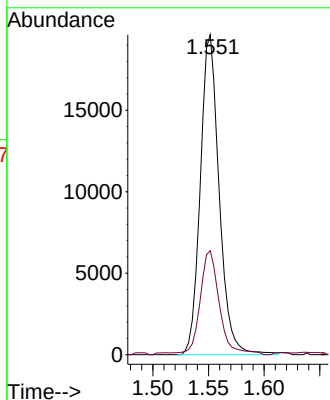
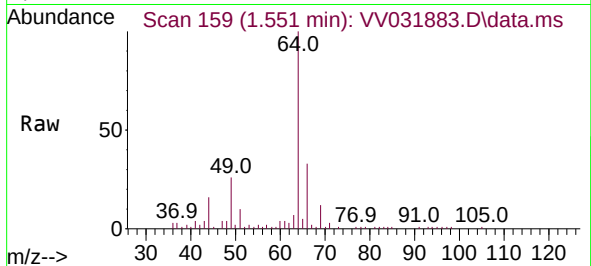




#8
Chloroethane
Concen: 4.943 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

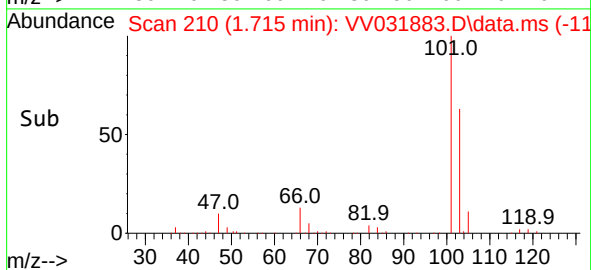
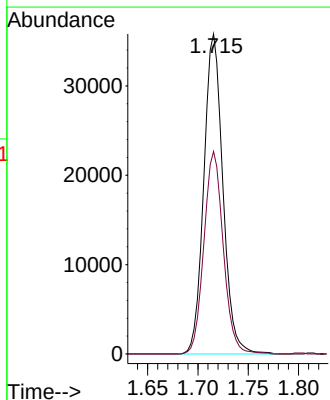
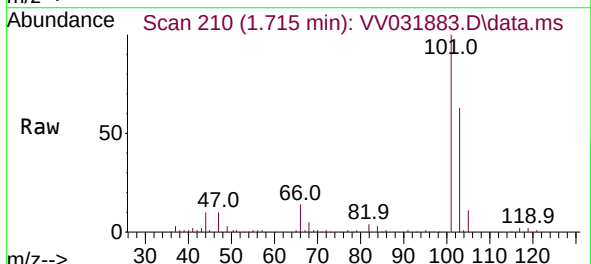
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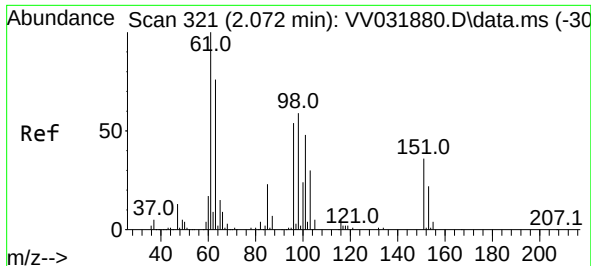
Tgt Ion: 64 Resp: 23163
Ion Ratio Lower Upper
64 100
66 32.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.993 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

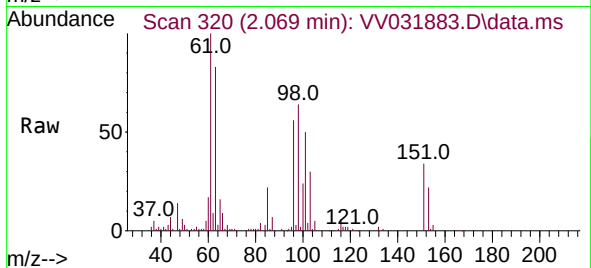
Tgt Ion: 101 Resp: 47260
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7



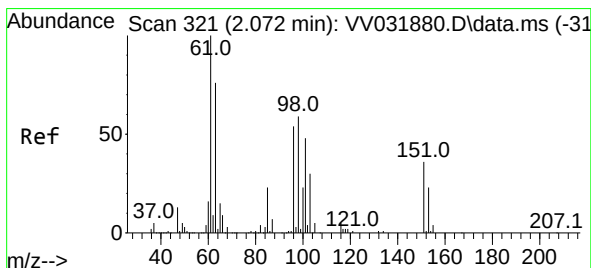
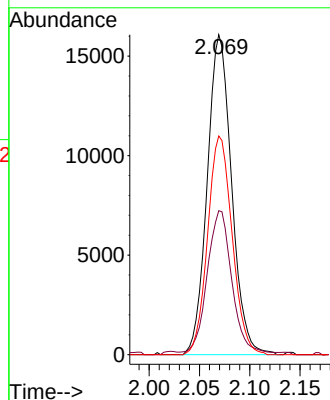
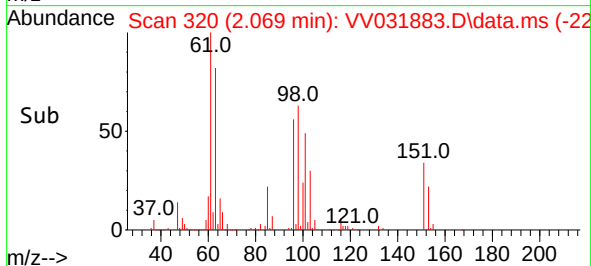


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.809 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

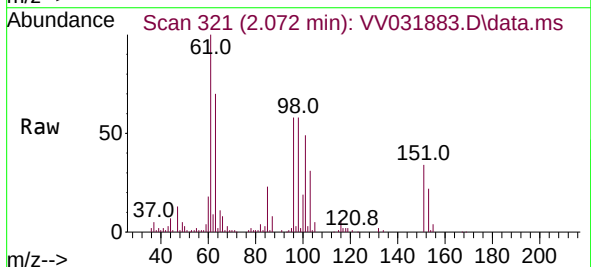
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 ClientSampleId :



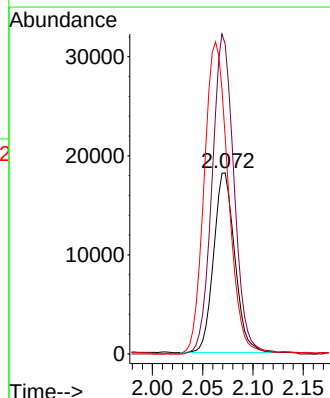
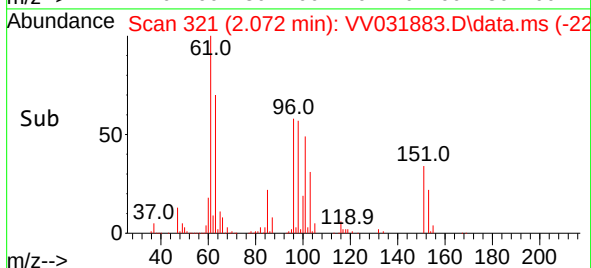
Tgt Ion:101 Resp: 27144
 Ion Ratio Lower Upper
 101 100
 85 43.8 38.3 57.5
 151 68.7 58.5 87.7

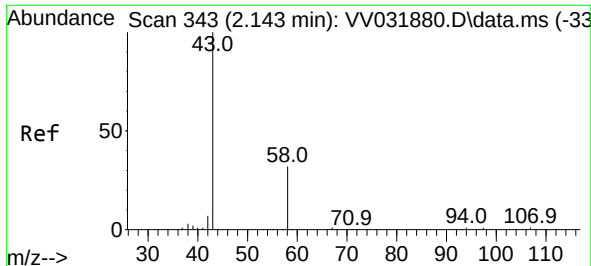


#12
 1,1-Dichloroethene
 Concen: 5.046 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45



Tgt Ion: 96 Resp: 26578
 Ion Ratio Lower Upper
 96 100
 61 171.1 129.0 239.6
 63 120.1 99.0 183.8





#13

Acetone

Concen: 32.455 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

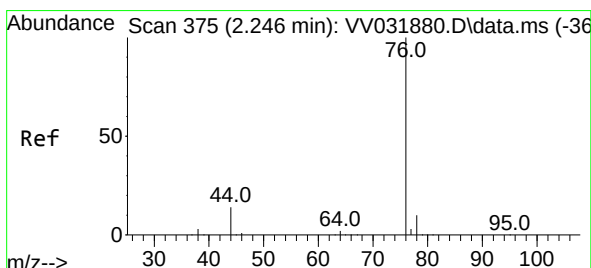
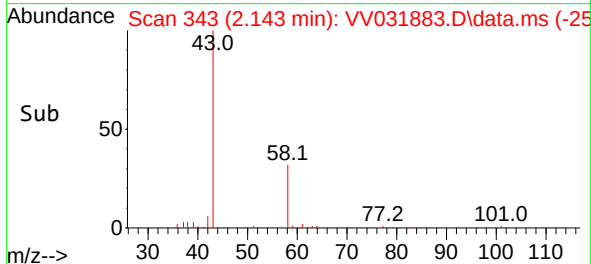
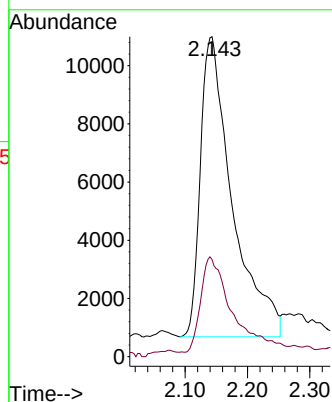
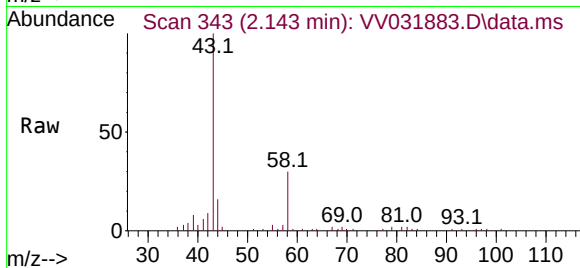
ClientSampleId :

Tgt Ion: 43 Resp: 36580

Ion Ratio Lower Upper

43 100

58 32.5 0.0 37.0



#14

Carbon disulfide

Concen: 5.071 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031883.D

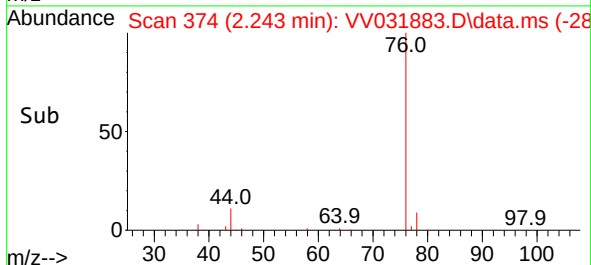
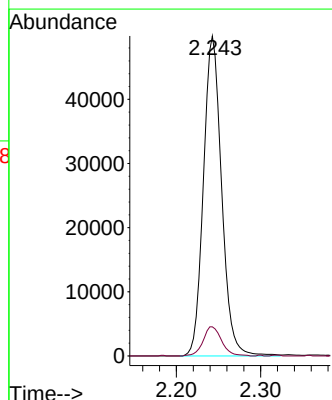
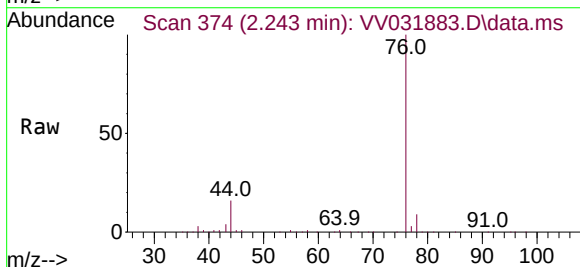
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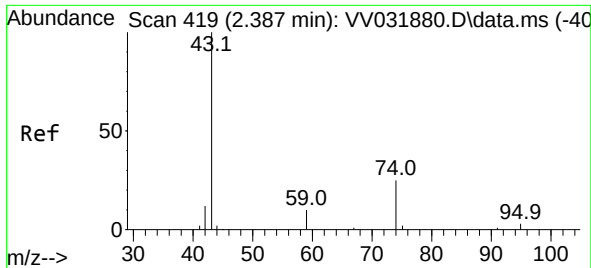
Tgt Ion: 76 Resp: 75123

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

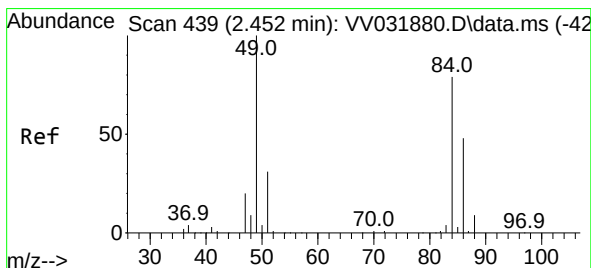
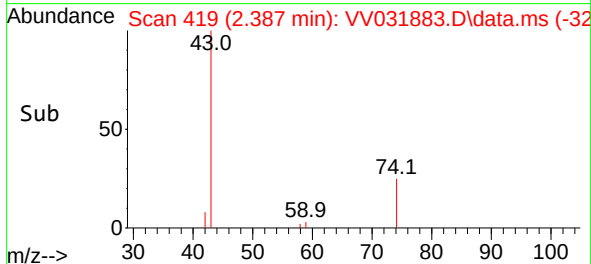
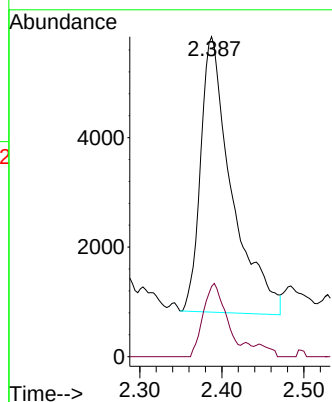
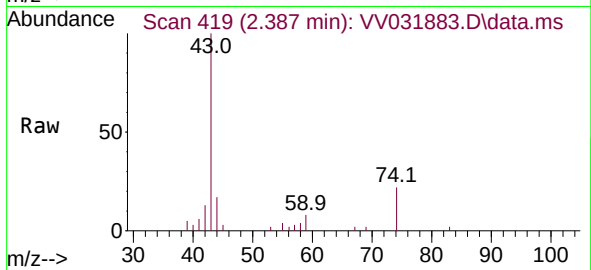




#15
Methyl Acetate
Concen: 5.759 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

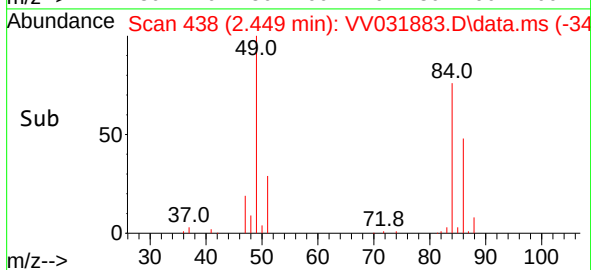
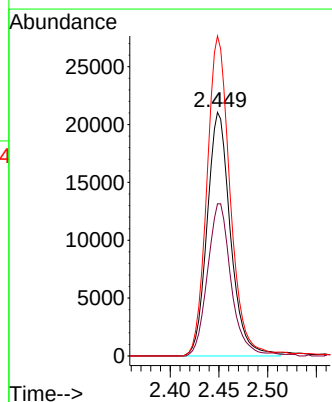
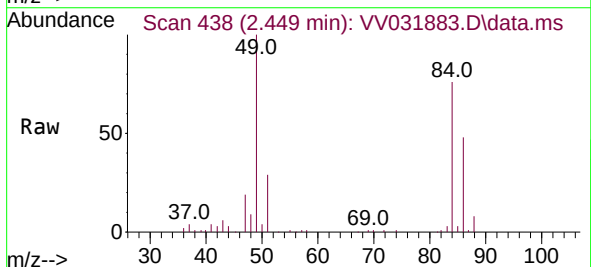
Instrument :
MSVOA_V
ClientSampleId :

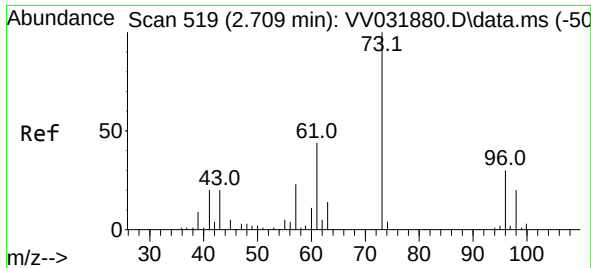
Tgt Ion: 43 Resp: 13228
Ion Ratio Lower Upper
43 100
74 19.6 18.3 27.5



#16
Methylene chloride
Concen: 4.104 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 84 Resp: 35151
Ion Ratio Lower Upper
84 100
86 62.4 42.6 79.2
49 131.3 88.5 164.4





#17

Methyl tert-butyl Ether

Concen: 5.094 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV031883.D

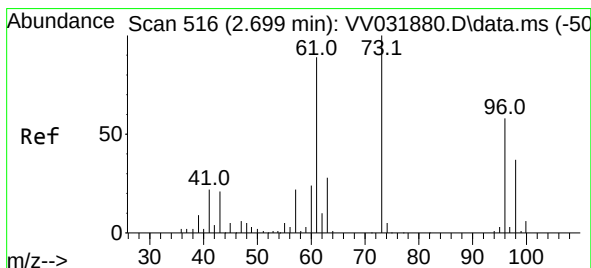
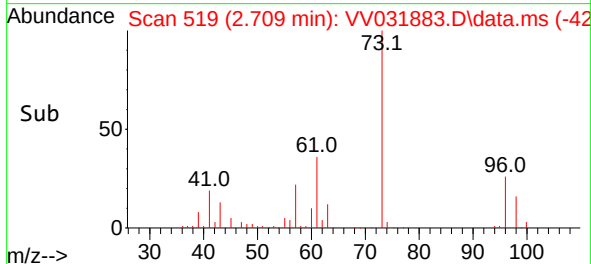
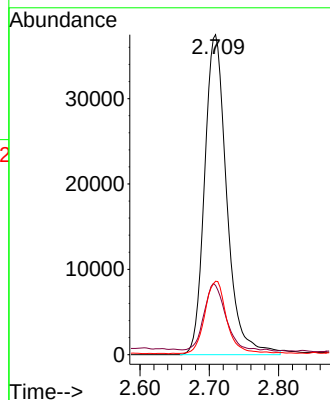
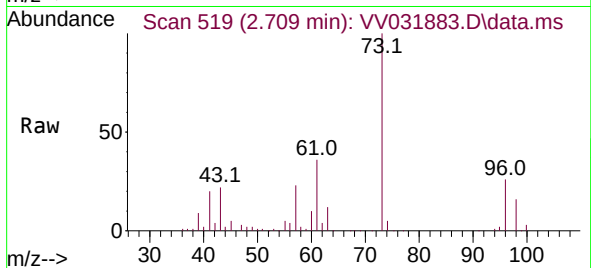
Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 83235
Ion Ratio	Lower Upper
73	100
43	19.8 15.6 23.4
57	22.0 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 4.940 ug/L

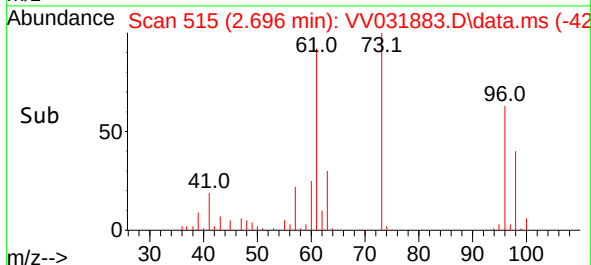
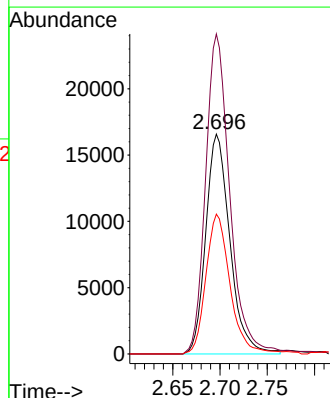
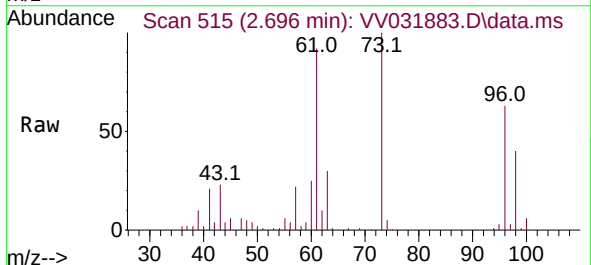
RT: 2.696 min Scan# 515

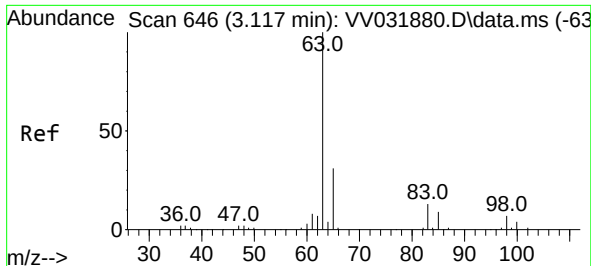
Delta R.T. -0.003 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Tgt Ion: 96	Resp: 29491
Ion Ratio	Lower Upper
96	100
61	145.6 106.8 198.4
98	63.6 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.924 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

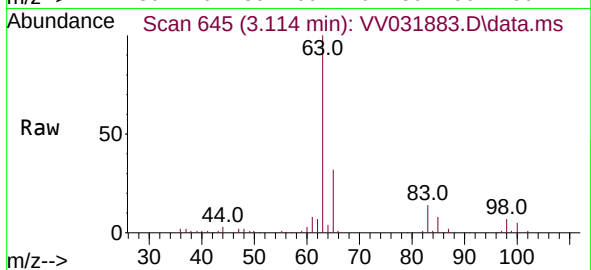
Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

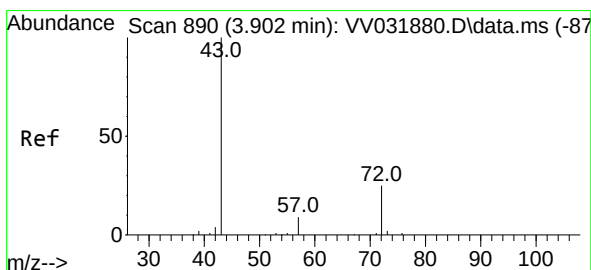
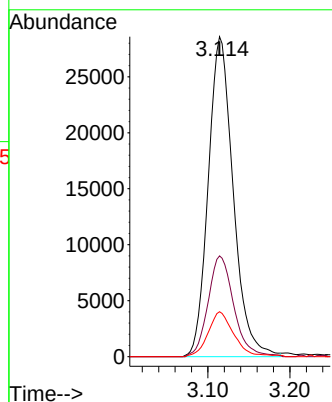
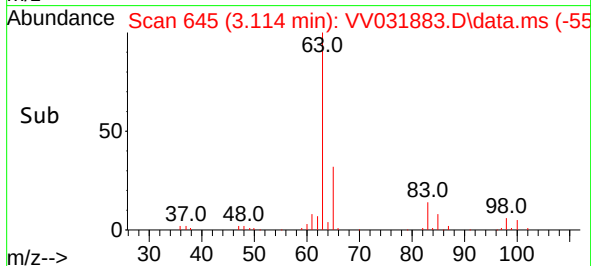
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	60550
Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.9	40.7
83	14.0	9.2	17.2



#21

2-Butanone

Concen: 41.657 ug/L

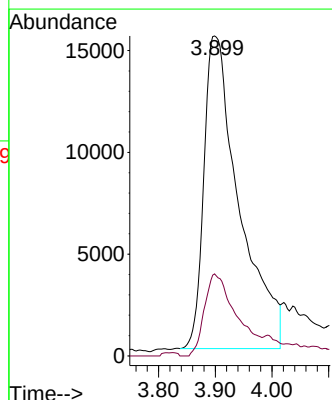
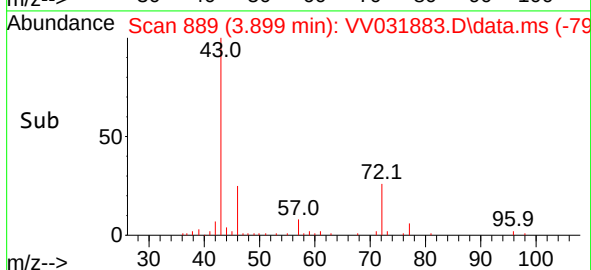
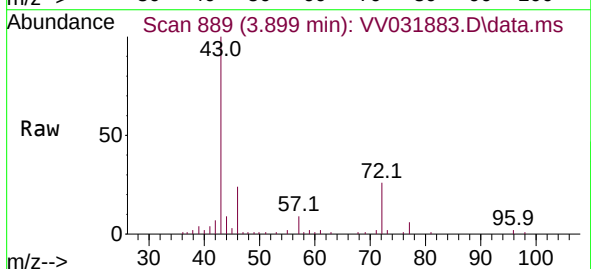
RT: 3.899 min Scan# 889

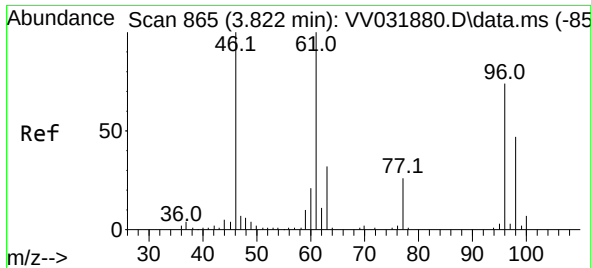
Delta R.T. -0.003 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

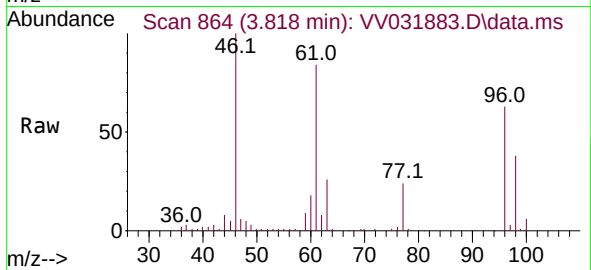
Tgt Ion:	43	Resp:	66503
Ion	Ratio	Lower	Upper
43	100		
72	23.8	9.0	27.0



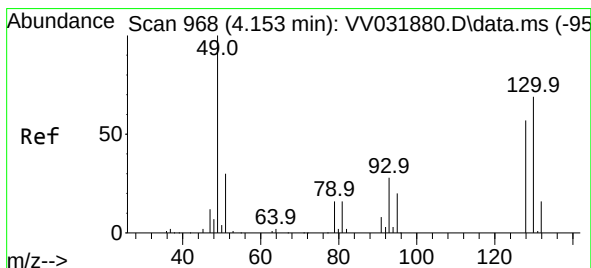
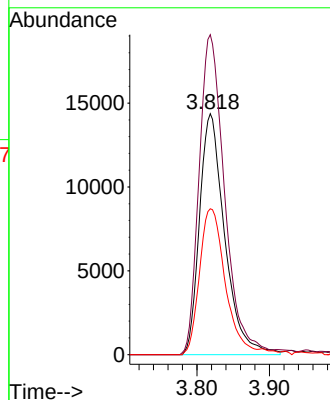
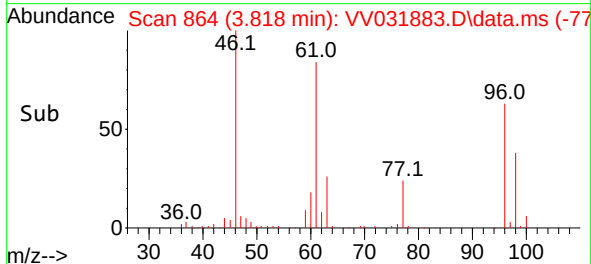


#22
 cis-1,2-Dichloroethene
 Concen: 5.049 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

Instrument :
 MSVOA_V
 ClientSampleId :

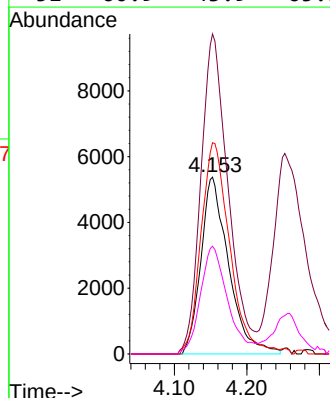
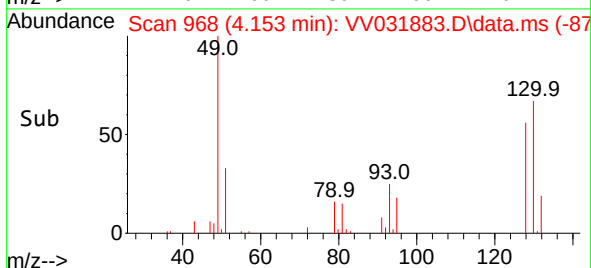
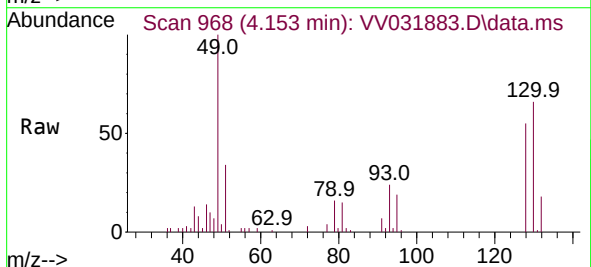


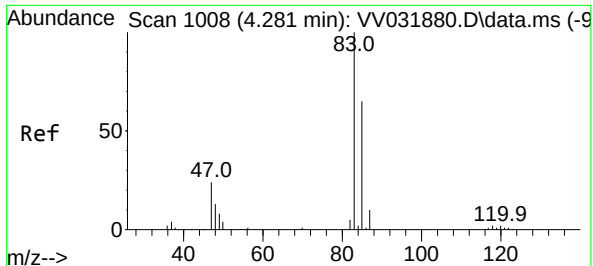
Tgt Ion: 96 Resp: 34724
 Ion Ratio Lower Upper
 96 100
 61 132.8 94.1 174.8
 98 60.6 43.8 81.4



#23
 Bromochloromethane
 Concen: 5.229 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

Tgt Ion: 128 Resp: 14270
 Ion Ratio Lower Upper
 128 100
 49 180.9 123.7 229.7
 130 119.4 84.3 156.5
 51 60.9 43.9 65.9





#25

Chloroform

Concen: 4.928 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

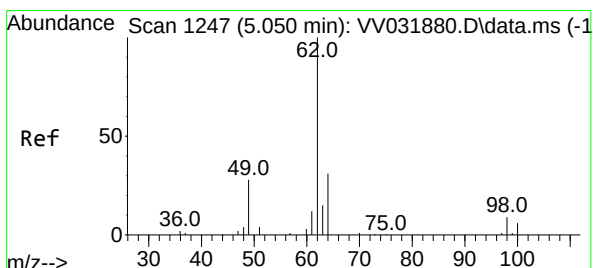
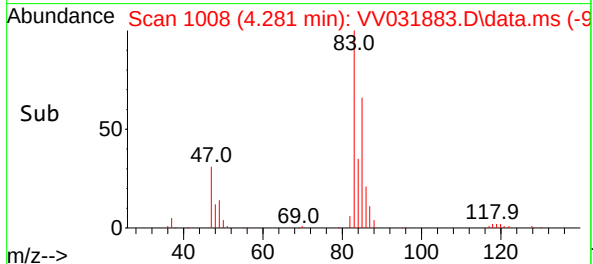
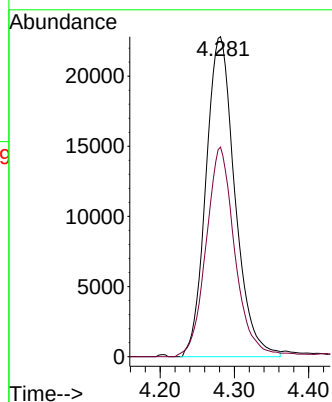
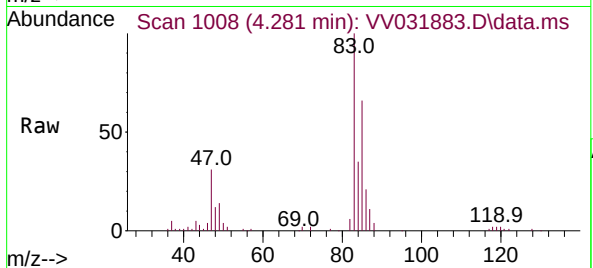
ClientSampleId :

Tgt Ion: 83 Resp: 61766

Ion Ratio Lower Upper

83 100

85 65.5 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.028 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV031883.D

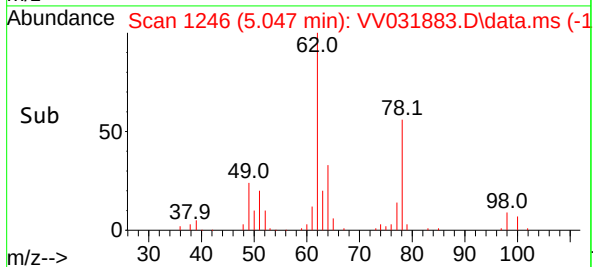
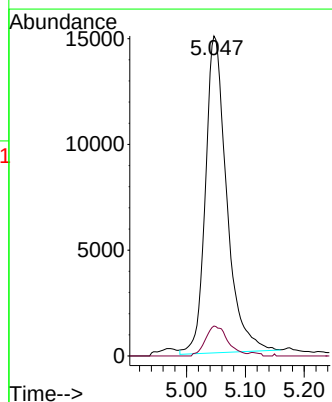
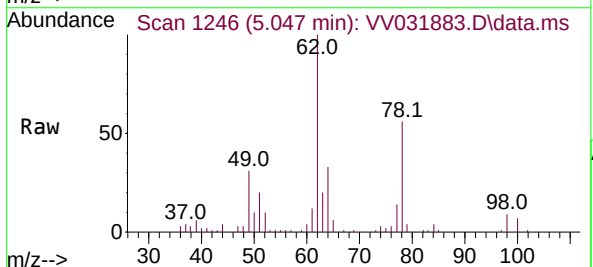
Acq: 23 Aug 2023 21:45

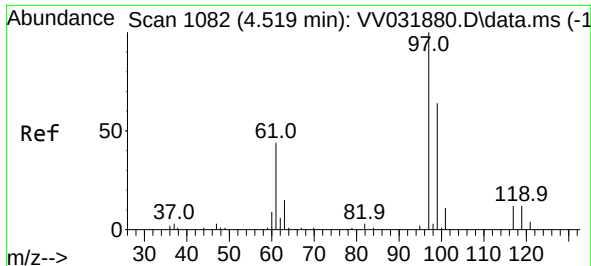
Tgt Ion: 62 Resp: 37689

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.892 ug/L

RT: 4.516 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

ClientSampleId :

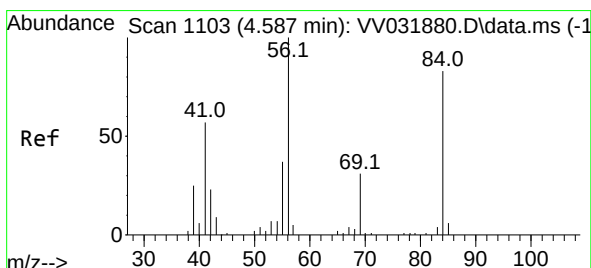
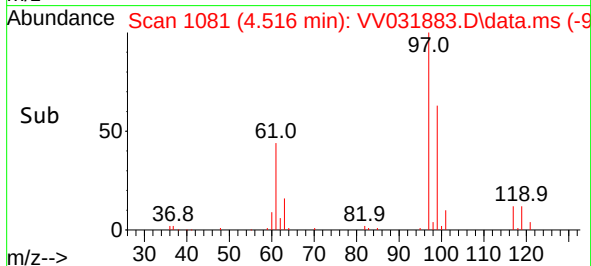
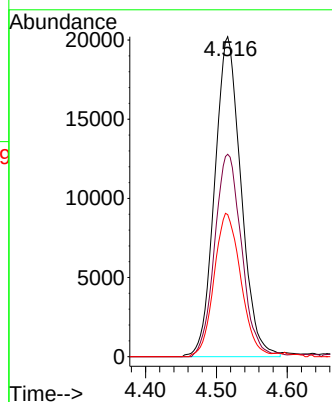
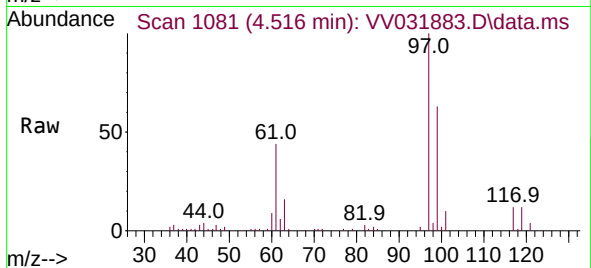
Tgt Ion: 97 Resp: 52080

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 45.5 35.5 53.3



#30

Cyclohexane

Concen: 4.725 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

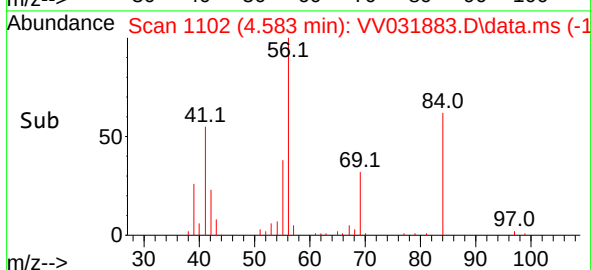
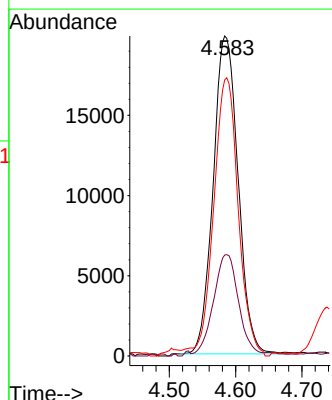
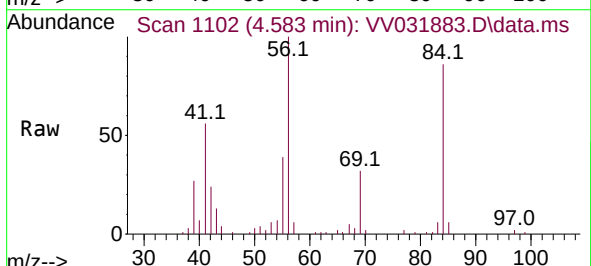
Tgt Ion: 56 Resp: 51689

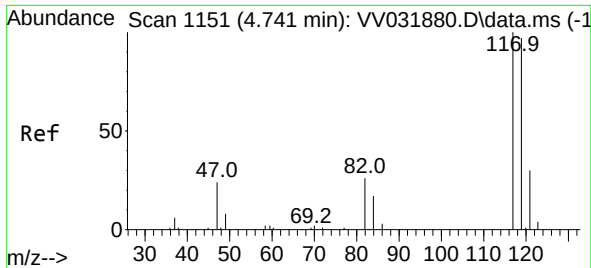
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 86.5 66.8 100.2

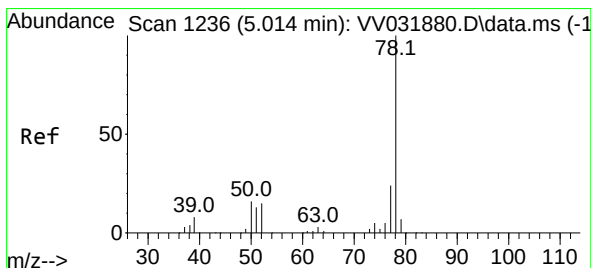
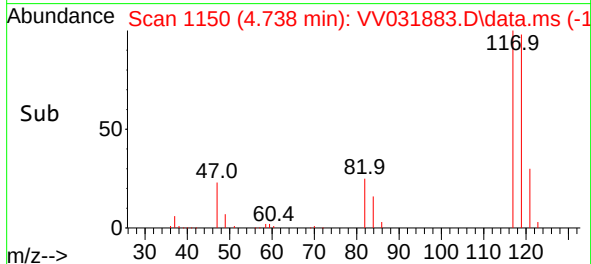
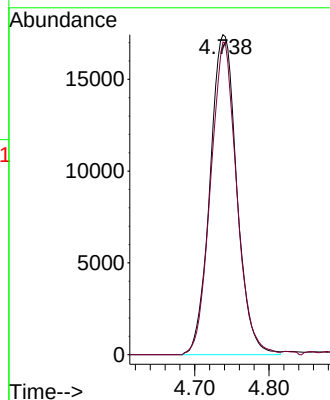
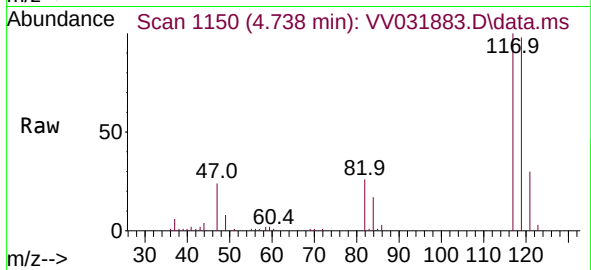




#31
Carbon tetrachloride
Concen: 5.070 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

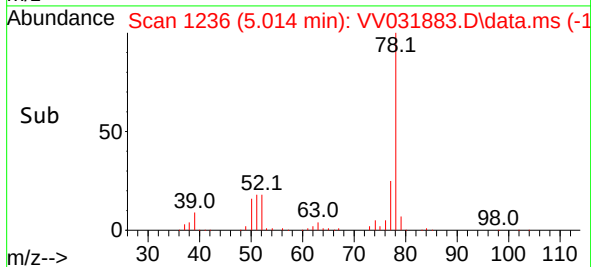
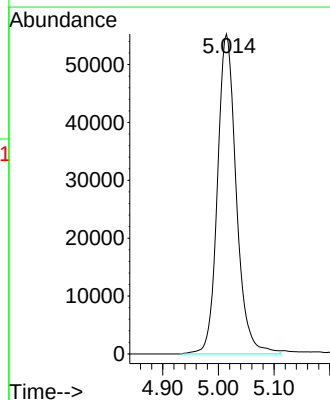
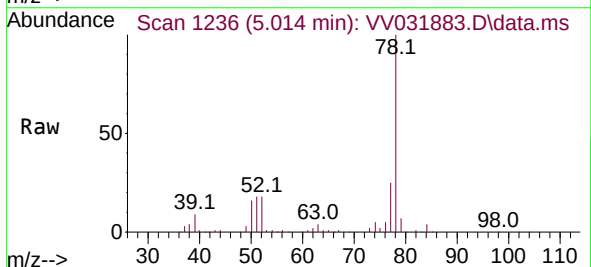
Instrument :
MSVOA_V
ClientSampleId :

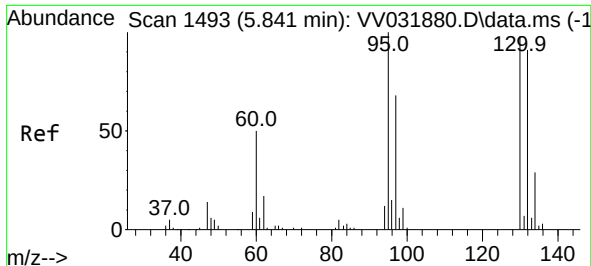
Tgt Ion:117 Resp: 43652
Ion Ratio Lower Upper
117 100
119 95.4 78.4 117.6



#33
Benzene
Concen: 5.123 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 78 Resp: 130049

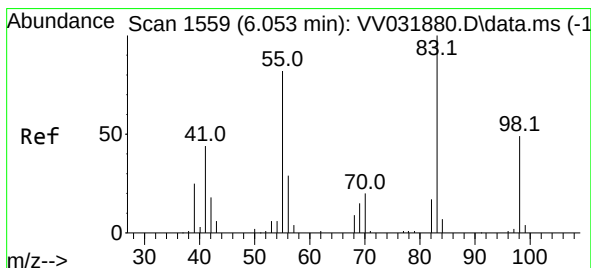
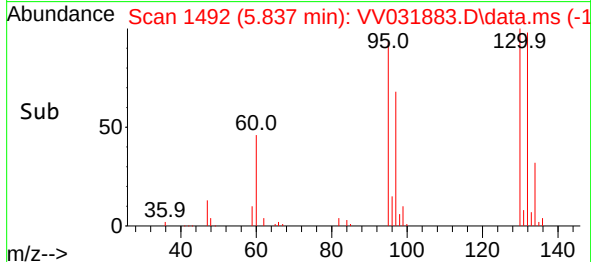
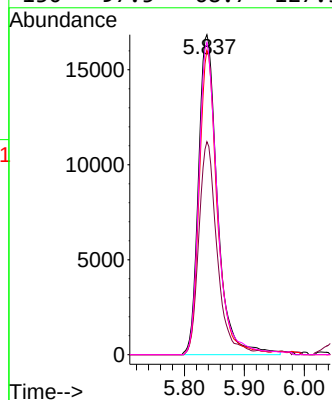
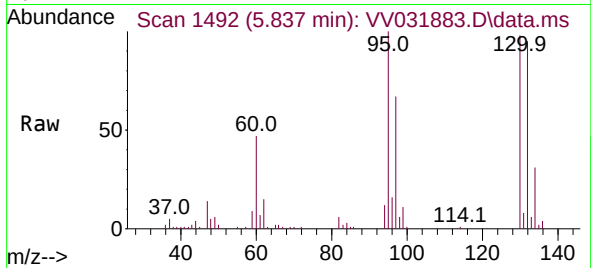




#34
Trichloroethene
Concen: 5.012 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

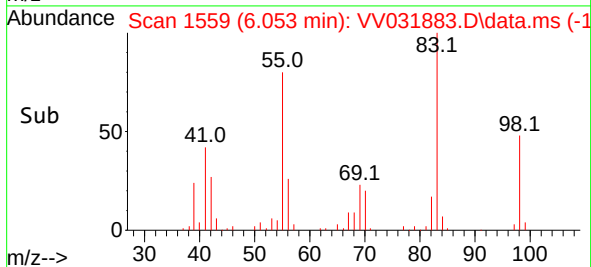
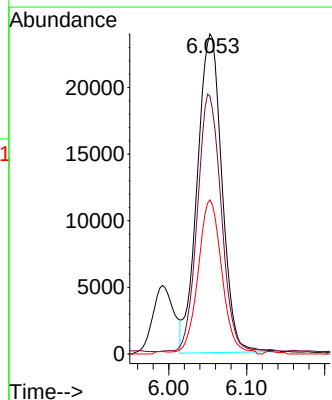
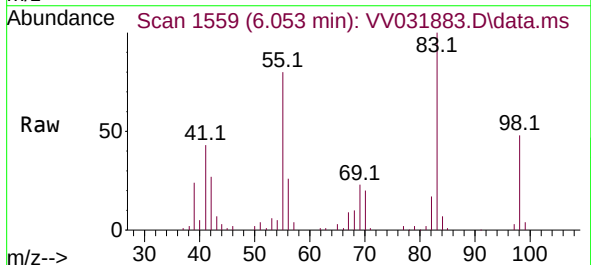
Instrument :
MSVOA_V
ClientSampleId :

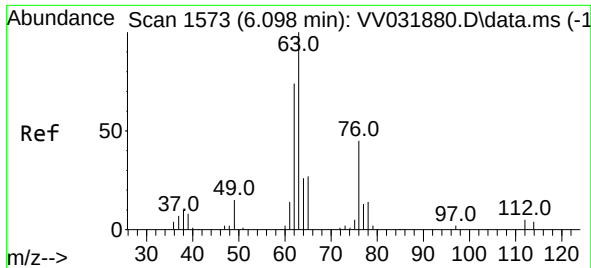
Tgt Ion: 95 Resp: 37188
Ion Ratio Lower Upper
95 100
97 66.6 47.7 88.7
132 95.1 63.8 118.4
130 97.5 68.7 127.5



#35
Methylcyclohexane
Concen: 4.860 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 83 Resp: 52492
Ion Ratio Lower Upper
83 100
55 78.2 62.6 94.0
98 46.6 37.8 56.8

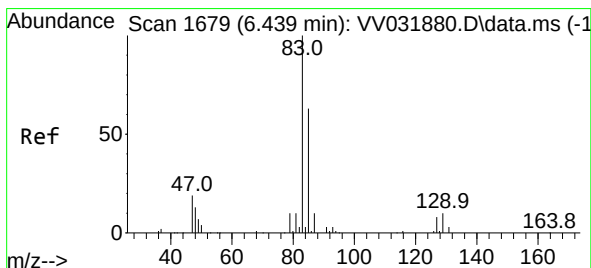
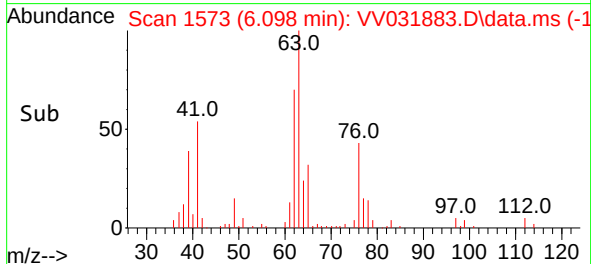
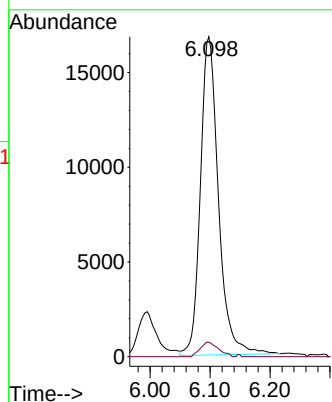
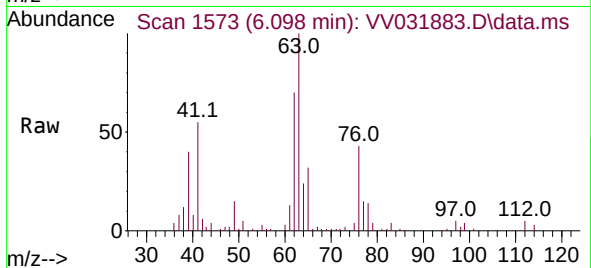




#37
1,2-Dichloropropane
Concen: 5.039 ug/L
RT: 6.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

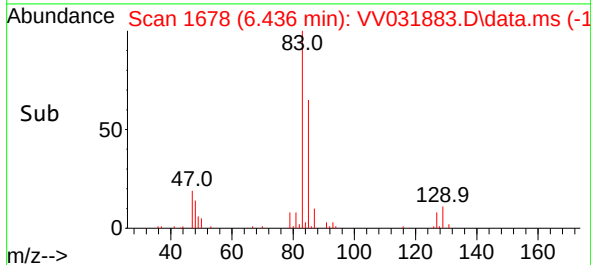
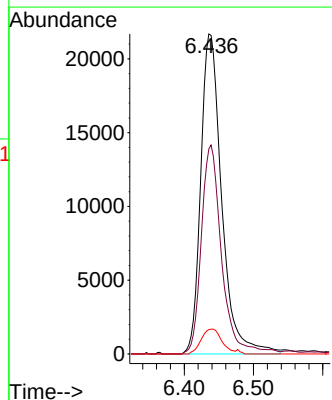
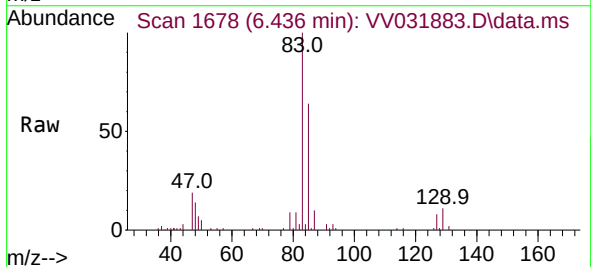
Instrument :
MSVOA_V
ClientSampleId :

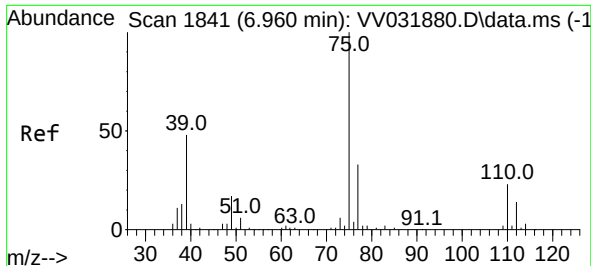
Tgt Ion: 63 Resp: 35245
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 5.050 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 83 Resp: 45716
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.4
127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.165 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

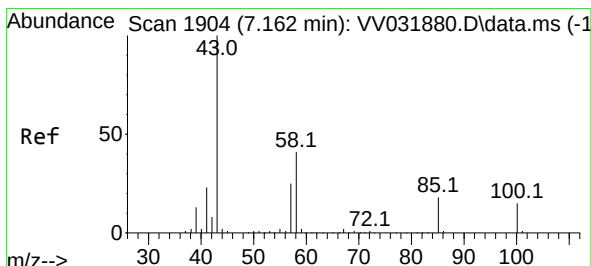
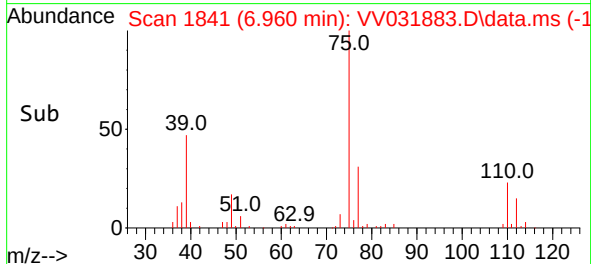
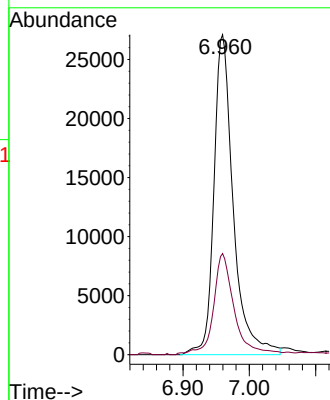
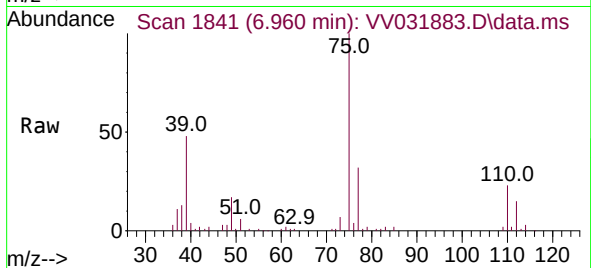
ClientSampleId :

Tgt Ion: 75 Resp: 54959

Ion Ratio Lower Upper

75 100

77 31.6 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 49.585 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

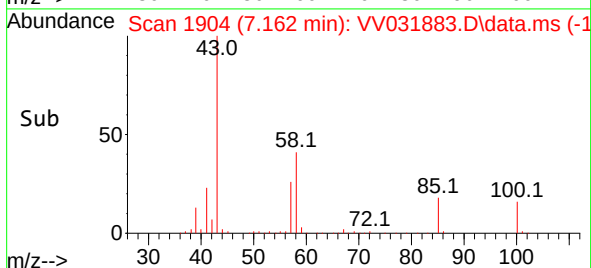
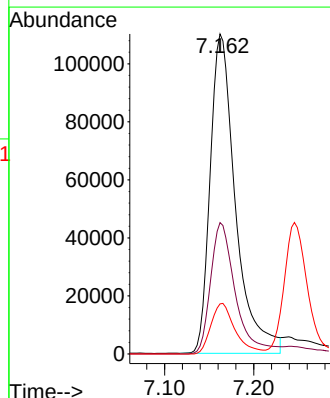
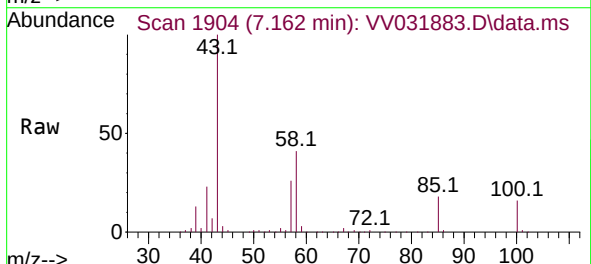
Tgt Ion: 43 Resp: 217367

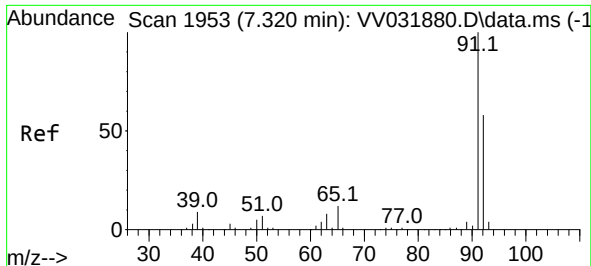
Ion Ratio Lower Upper

43 100

58 40.7 29.0 43.6

100 15.1 10.7 16.1





#42

Toluene

Concen: 4.959 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

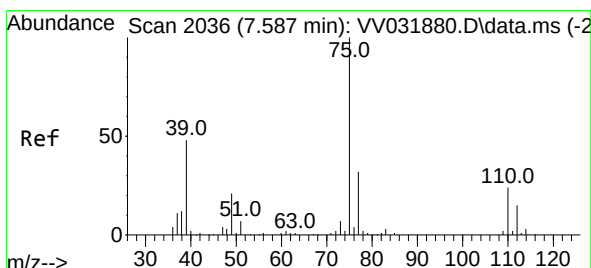
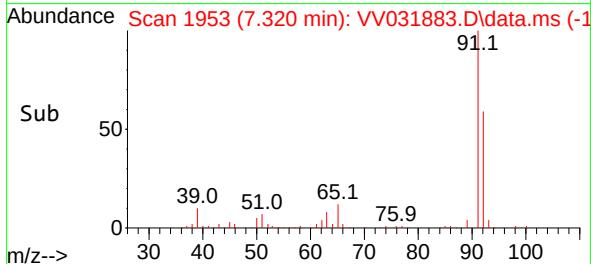
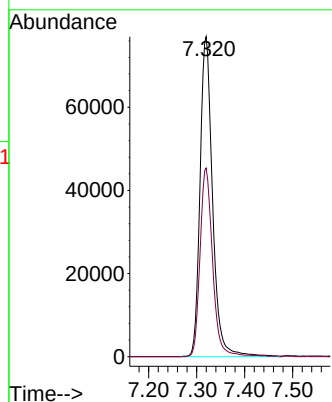
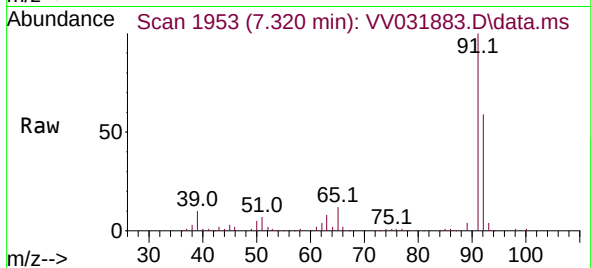
ClientSampleId :

Tgt Ion: 91 Resp: 139852

Ion Ratio Lower Upper

91 100

92 59.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031883.D

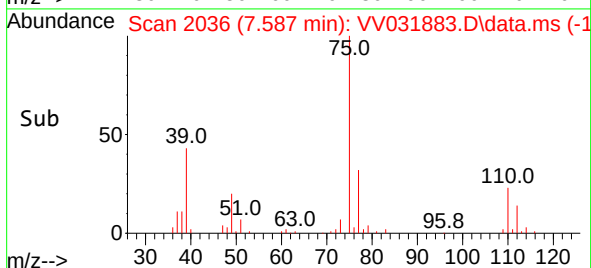
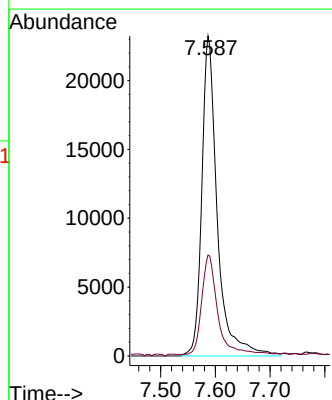
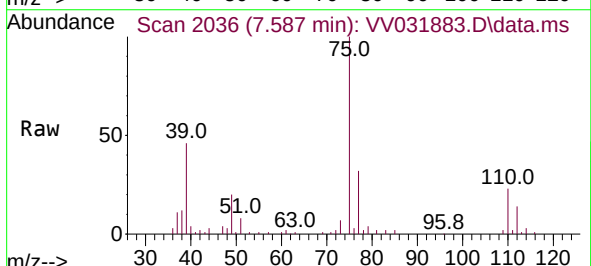
Acq: 23 Aug 2023 21:45

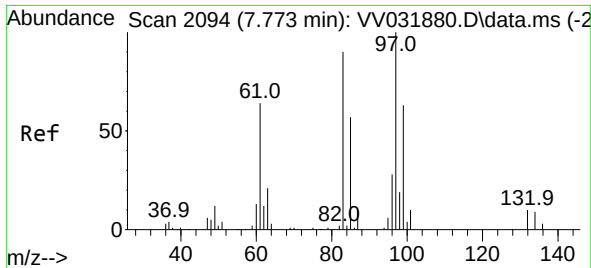
Tgt Ion: 75 Resp: 45589

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6

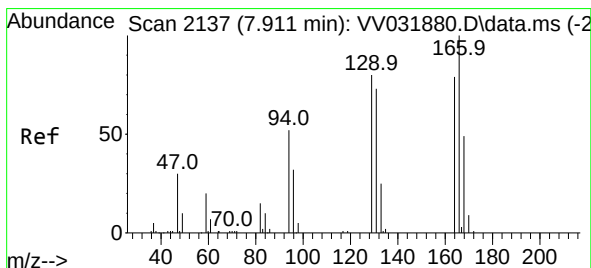
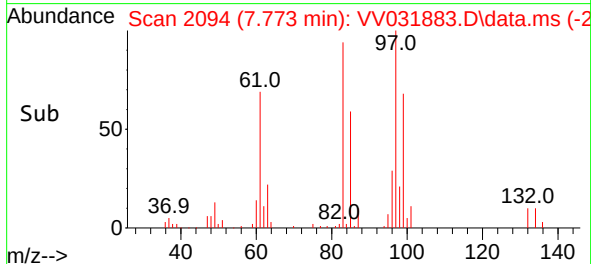
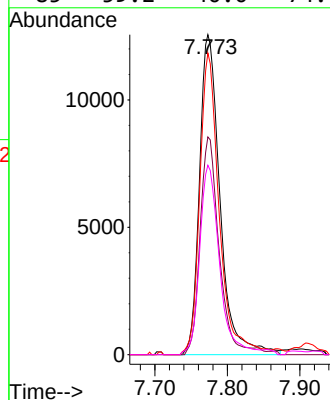
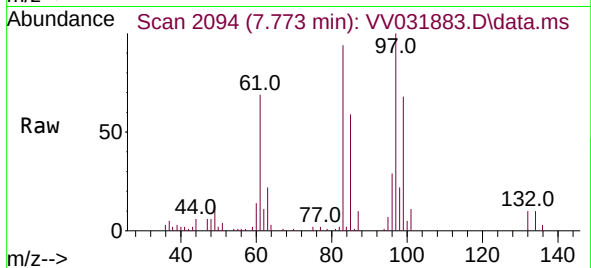




#45
1,1,2-Trichloroethane
Concen: 4.939 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

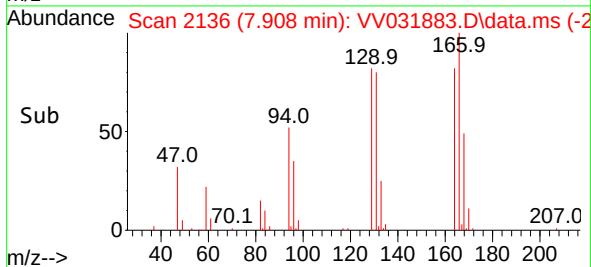
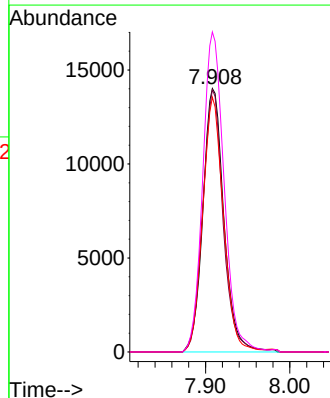
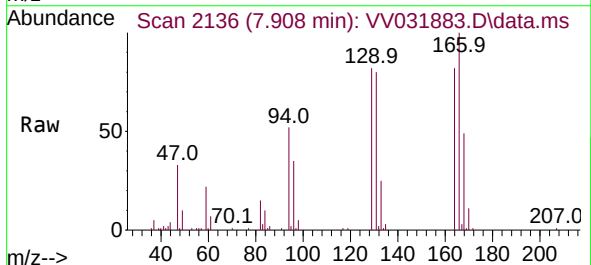
Instrument :
MSVOA_V
ClientSampleId :

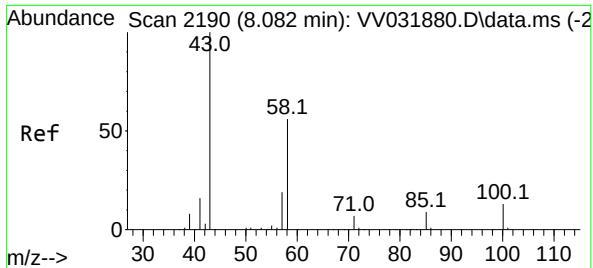
Tgt Ion:	97	Resp:	24727
Ion	Ratio	Lower	Upper
97	100		
99	68.1	44.3	82.3
83	94.2	62.7	116.5
85	59.2	40.0	74.4



#47
Tetrachloroethene
Concen: 5.134 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

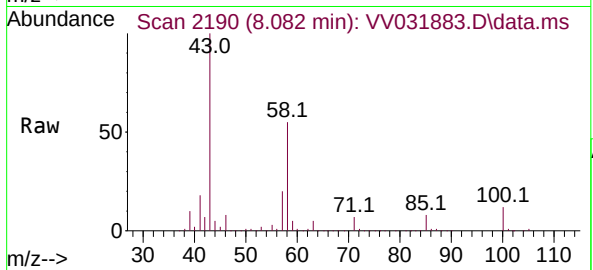
Tgt Ion:	164	Resp:	24336
Ion	Ratio	Lower	Upper
164	100		
129	99.5	70.6	131.2
131	96.7	64.6	120.0
166	121.4	88.3	164.1





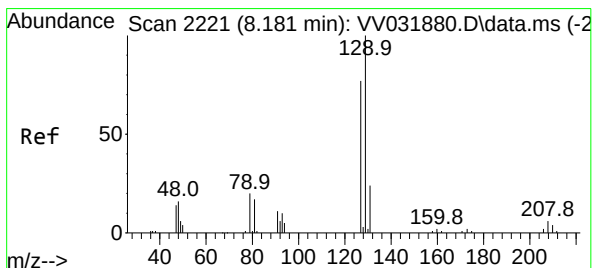
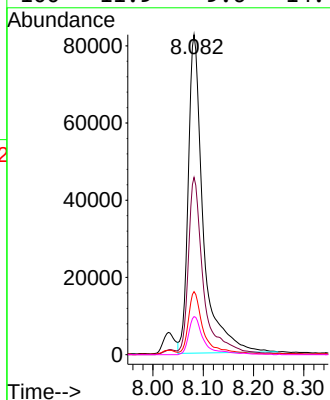
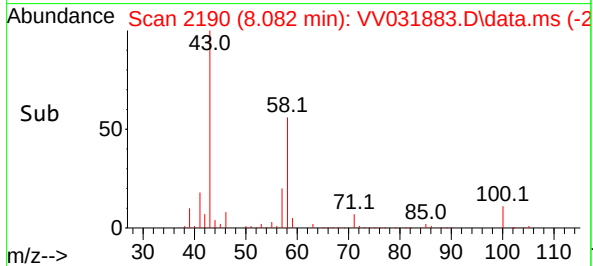
#48
2-Hexanone
Concen: 52.257 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 171153

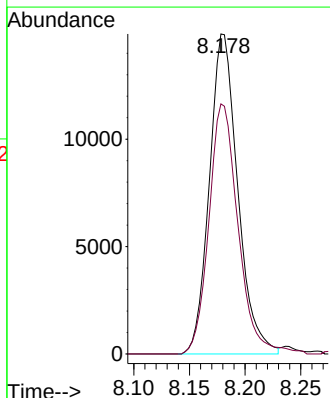
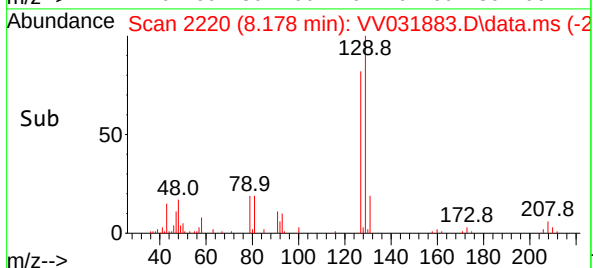
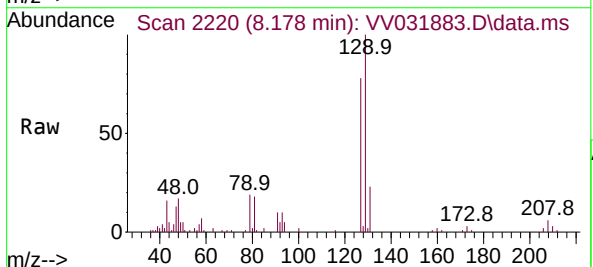
Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.3	66.5
57	19.5	14.3	21.5
100	11.9	9.6	14.4

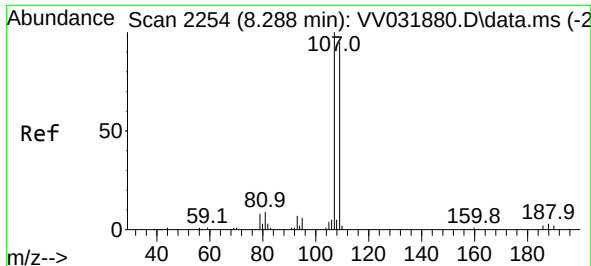


#49
Dibromochloromethane
Concen: 5.060 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 129 Resp: 26399

Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.7	99.7





#50

1,2-Dibromoethane

Concen: 5.156 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031883.D

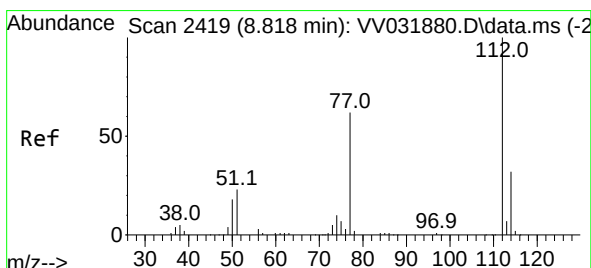
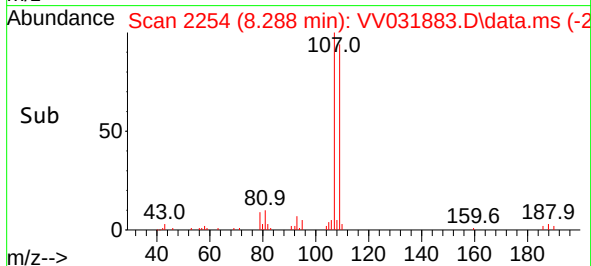
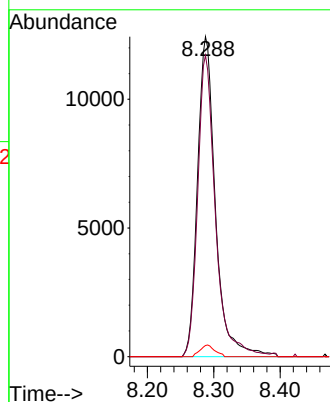
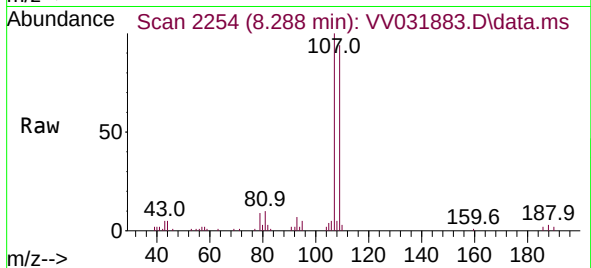
Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	23342
Ion Ratio	Lower	Upper
107	100	
109	94.2	66.3 123.1
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 5.043 ug/L

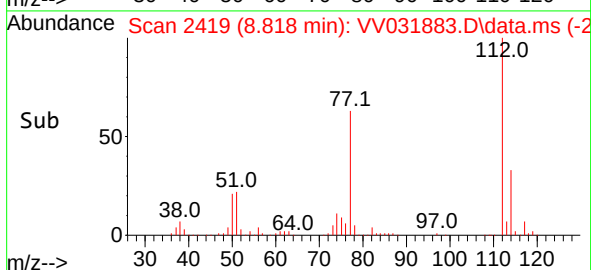
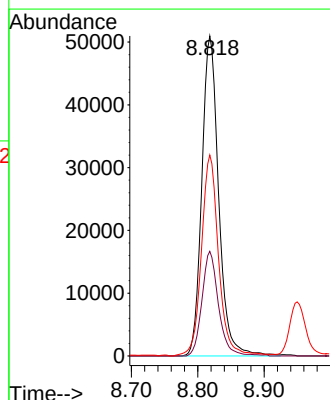
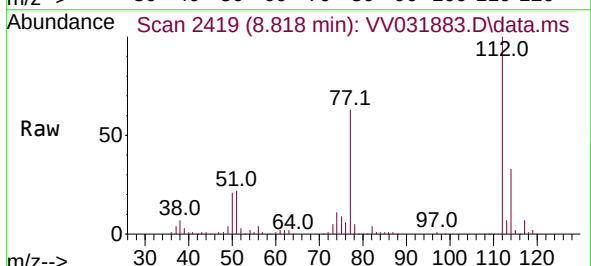
RT: 8.818 min Scan# 2419

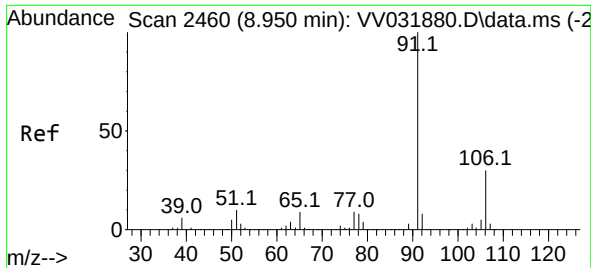
Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Tgt Ion:112	Resp:	90061
Ion Ratio	Lower	Upper
112	100	
114	32.7	22.3 41.3
77	62.8	50.6 75.8

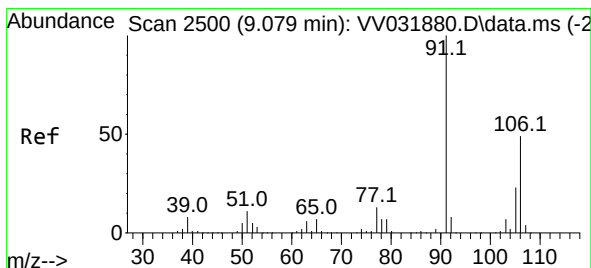
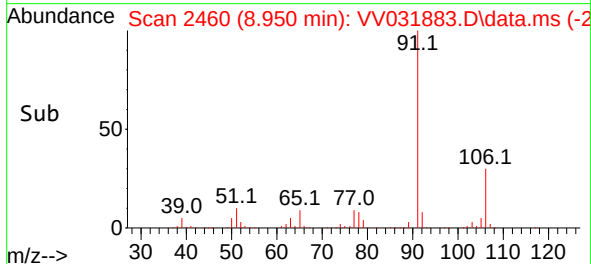
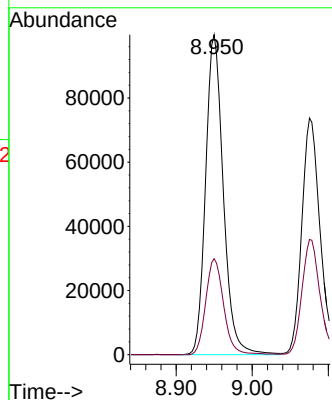
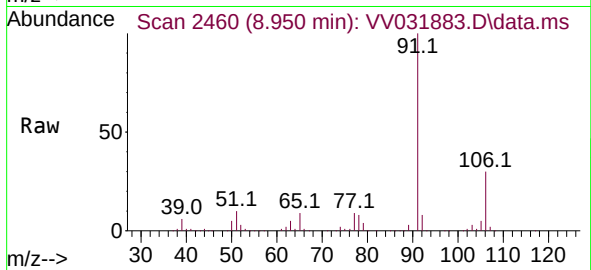




#52
Ethylbenzene
Concen: 4.971 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

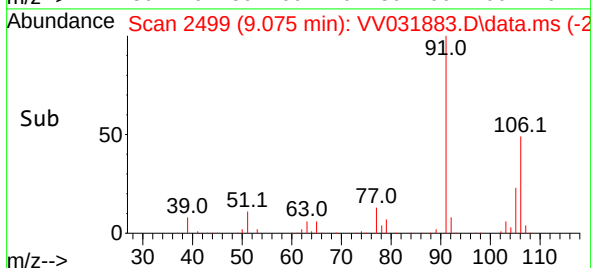
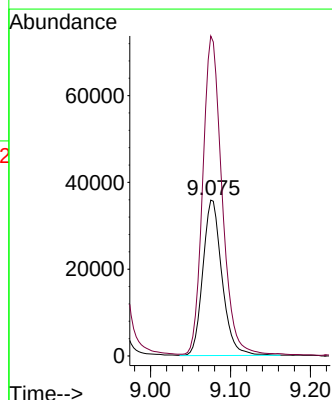
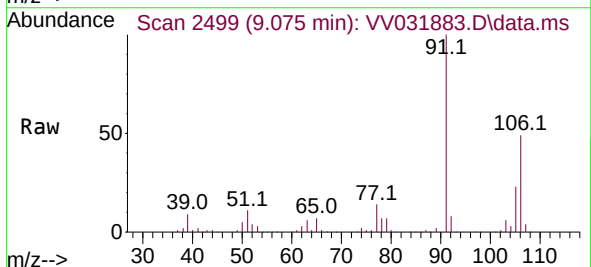
Instrument :
MSVOA_V
ClientSampleId :

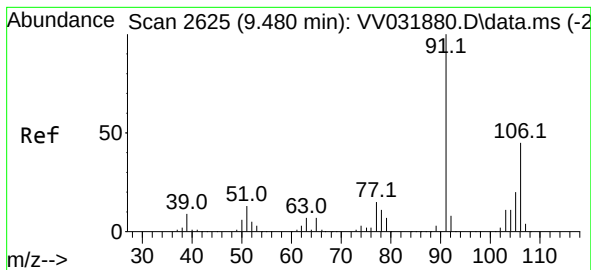
Tgt Ion: 91 Resp: 161166
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.886 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 106 Resp: 59667
Ion Ratio Lower Upper
106 100
91 205.3 142.7 265.1





#54

o-Xylene

Concen: 5.057 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

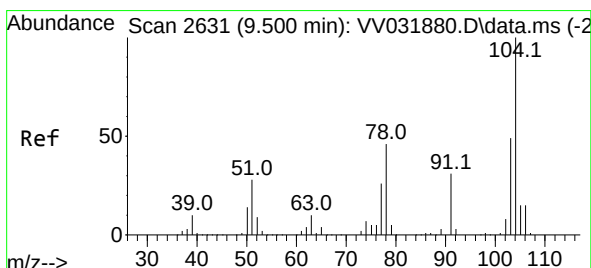
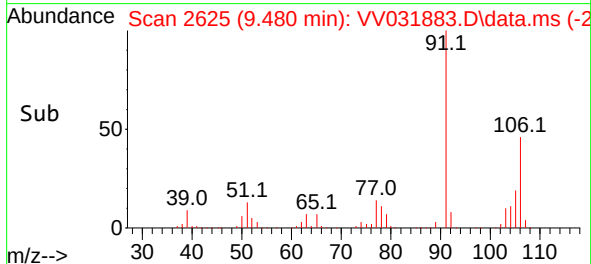
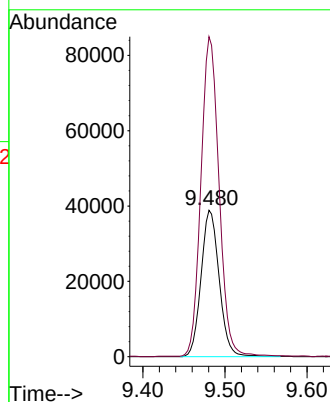
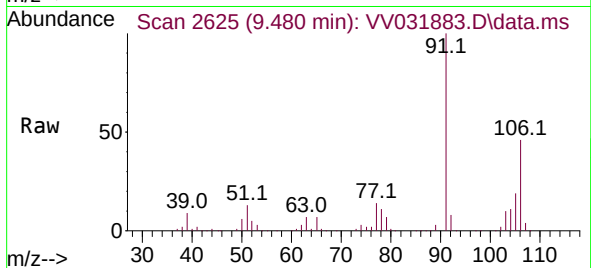
ClientSampleId :

Tgt Ion:106 Resp: 59683

Ion Ratio Lower Upper

106 100

91 218.7 154.7 287.3



#55

Styrene

Concen: 5.120 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. -0.000 min

Lab File: VV031883.D

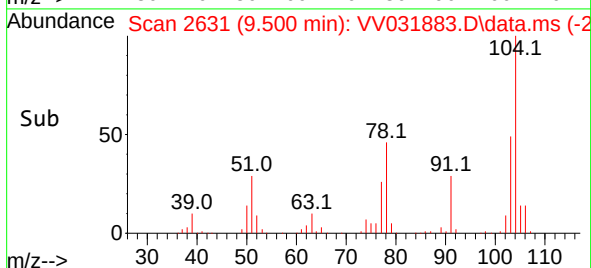
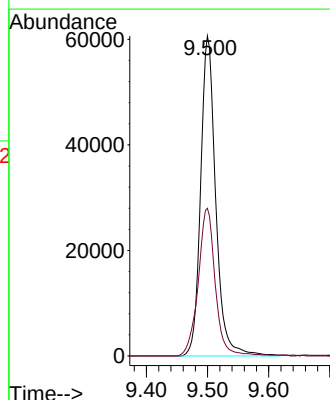
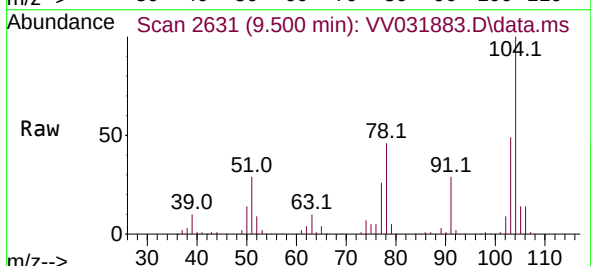
Acq: 23 Aug 2023 21:45

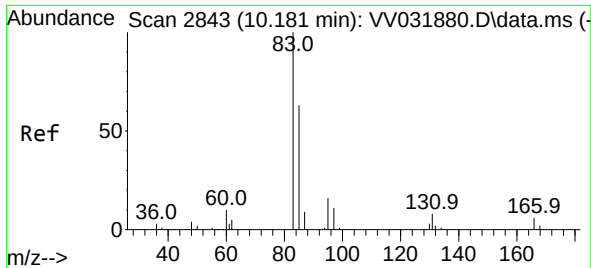
Tgt Ion:104 Resp: 104233

Ion Ratio Lower Upper

104 100

78 46.1 32.1 59.7

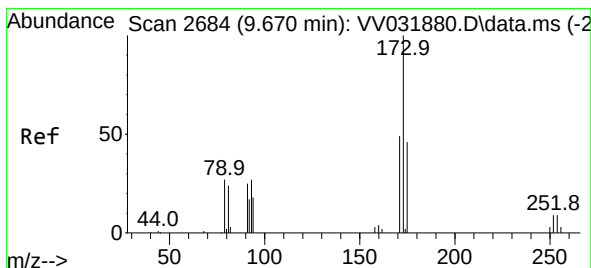
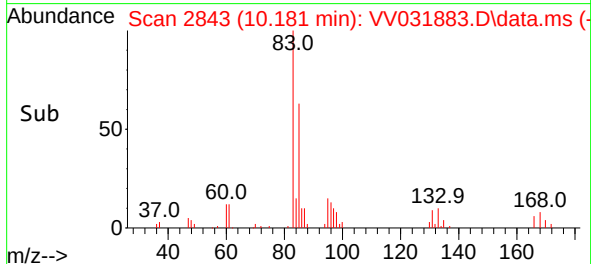
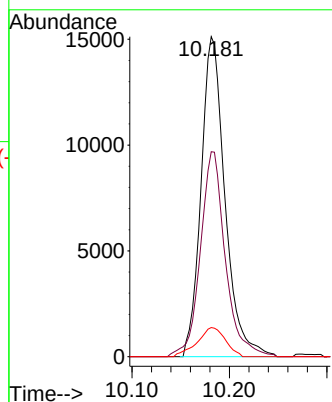
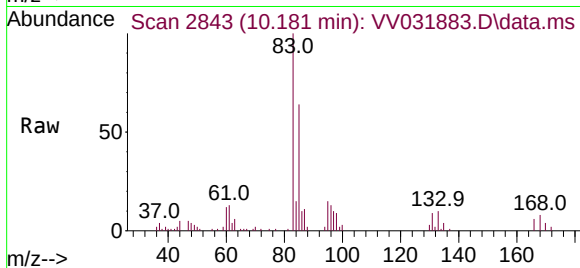




#57
1,1,2,2-Tetrachloroethane
Concen: 5.087 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

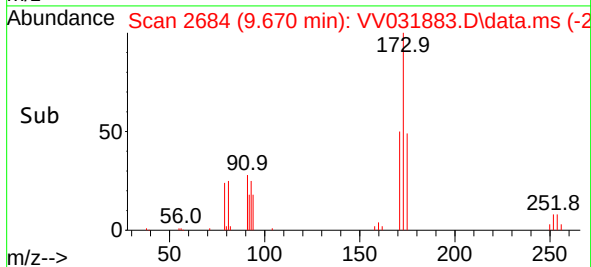
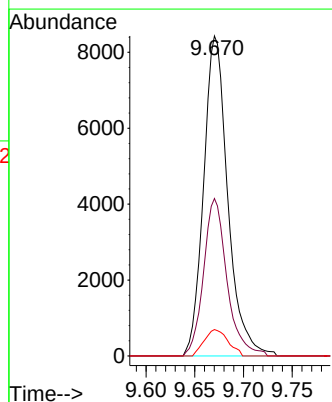
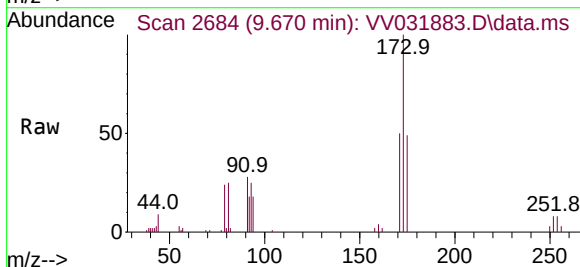
Instrument :
MSVOA_V
ClientSampleId :

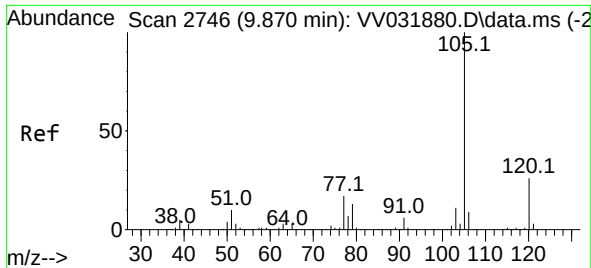
Tgt Ion: 83 Resp: 25787
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6
131 9.1 7.4 11.2



#59
Bromoform
Concen: 5.284 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 173 Resp: 14541
Ion Ratio Lower Upper
173 100
175 47.6 38.0 57.0
254 8.1 6.8 10.2

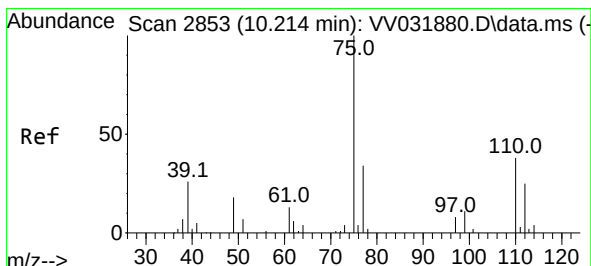
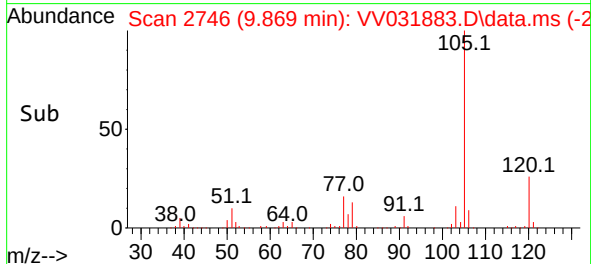
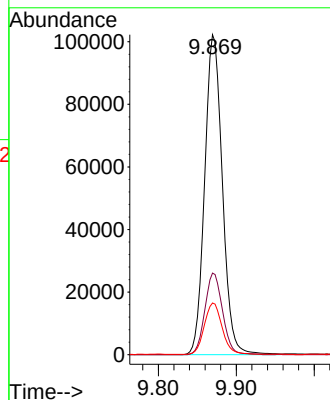
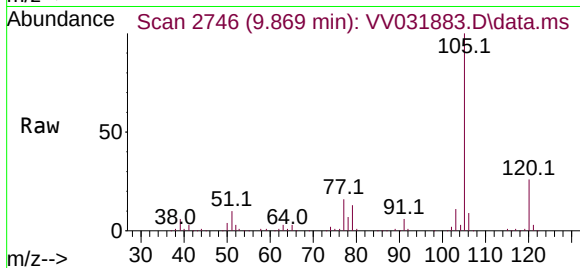




#60
Isopropylbenzene
Concen: 4.986 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

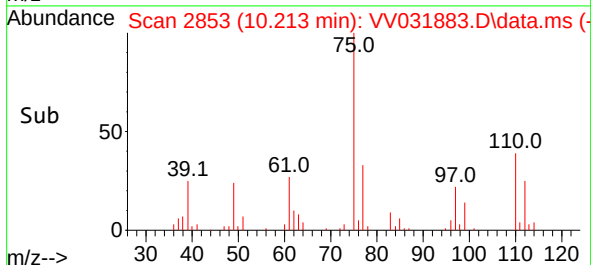
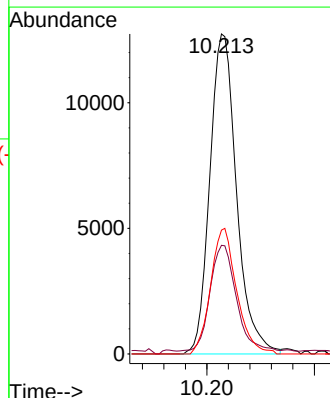
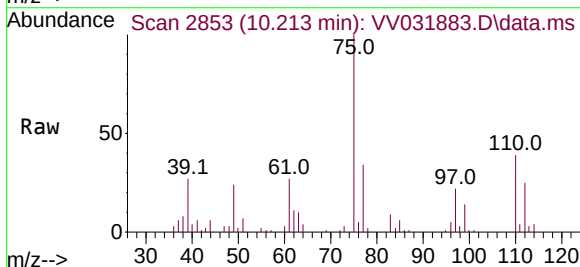
Instrument :
MSVOA_V
ClientSampleId :

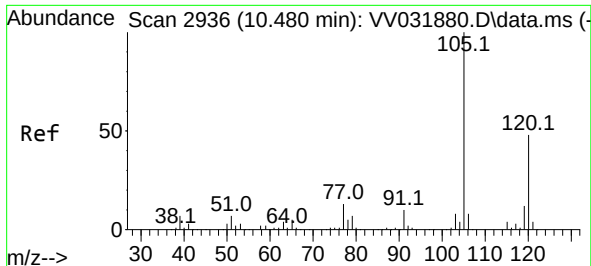
Tgt Ion:105 Resp: 161433
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 5.134 ug/L
RT: 10.213 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion: 75 Resp: 22024
Ion Ratio Lower Upper
75 100
77 32.2 28.8 43.2
110 38.2 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 5.077 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

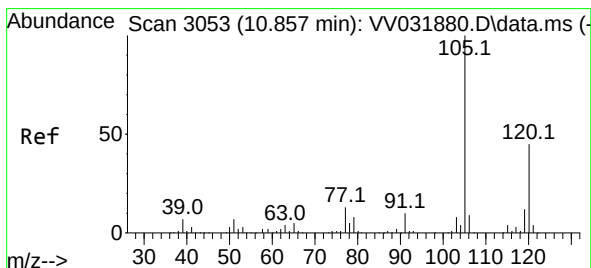
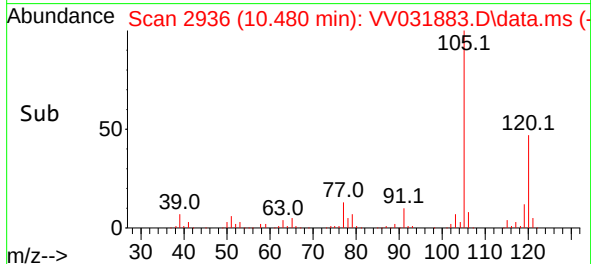
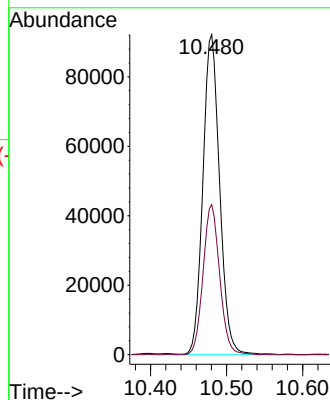
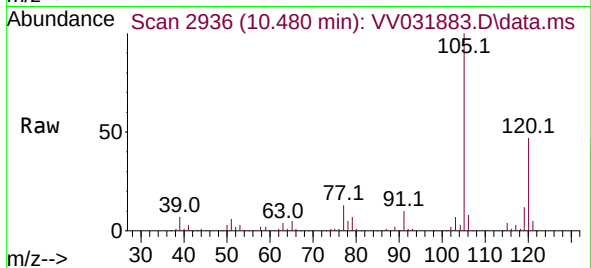
ClientSampleId :

Tgt Ion:105 Resp: 140894

Ion Ratio Lower Upper

105 100

120 46.4 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.055 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VV031883.D

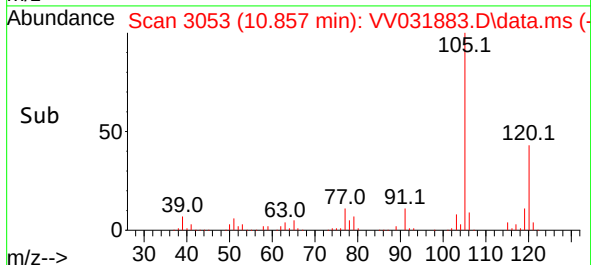
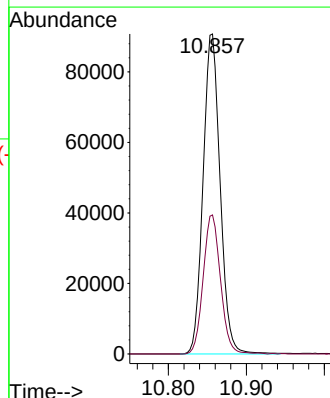
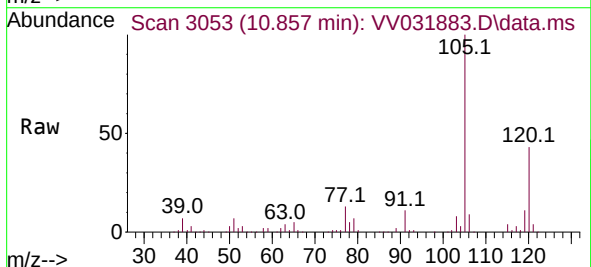
Acq: 23 Aug 2023 21:45

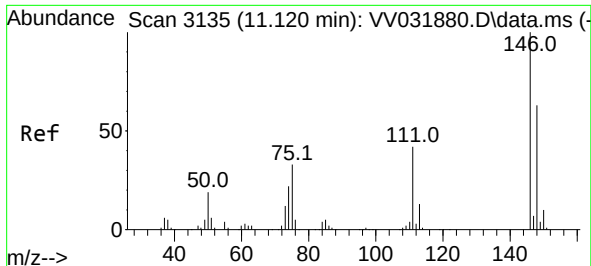
Tgt Ion:105 Resp: 137840

Ion Ratio Lower Upper

105 100

120 44.0 35.8 53.8

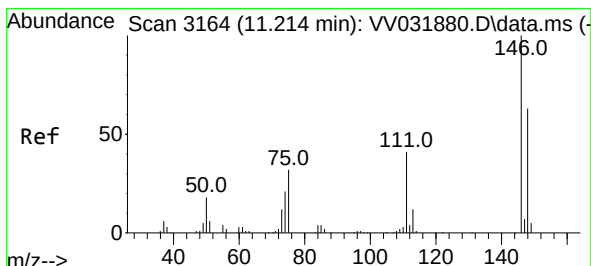
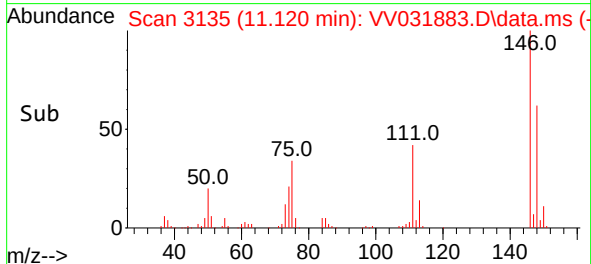
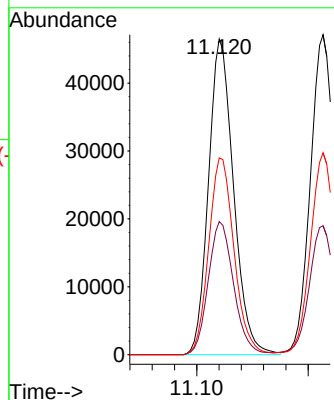
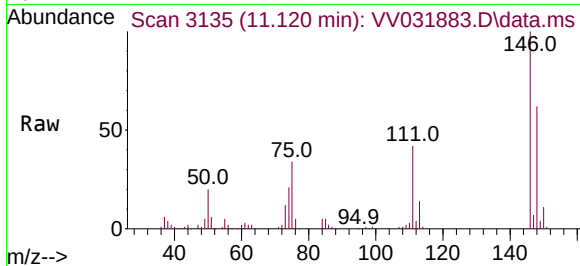




#64
1,3-Dichlorobenzene
Concen: 5.066 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

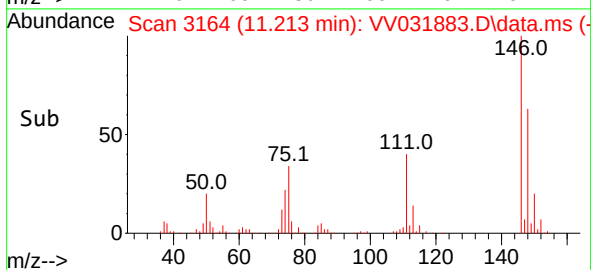
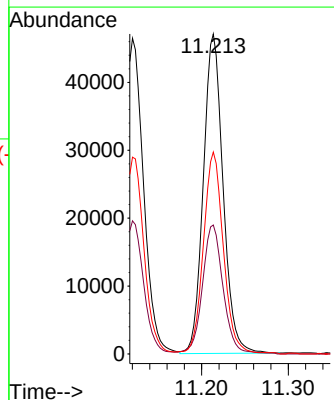
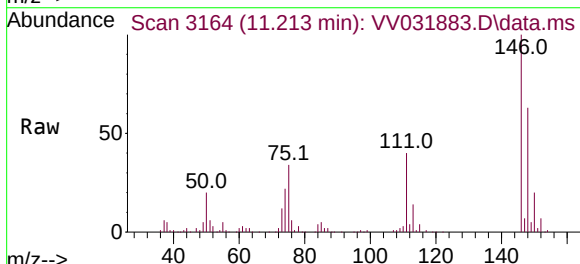
Instrument :
MSVOA_V
ClientSampleId :

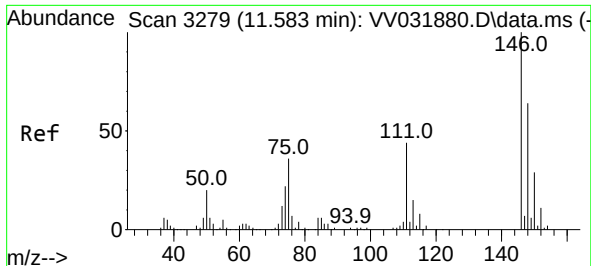
Tgt Ion:146 Resp: 72640
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.7
148 62.3 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion:146 Resp: 74335
Ion Ratio Lower Upper
146 100
111 40.3 29.2 54.2
148 63.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.089 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

Instrument :

MSVOA_V

ClientSampleId :

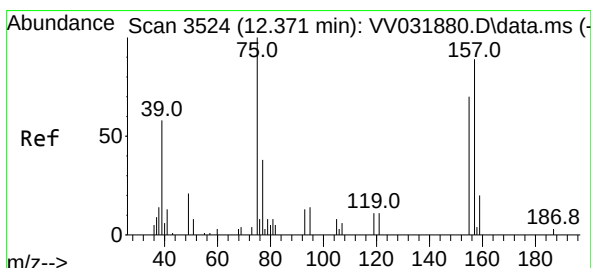
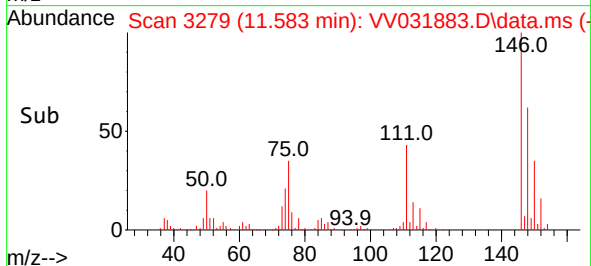
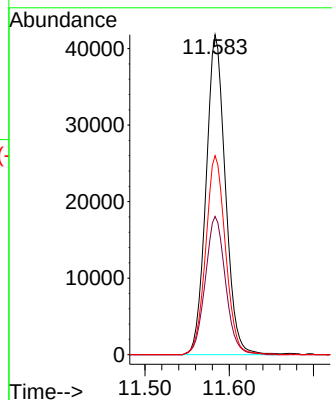
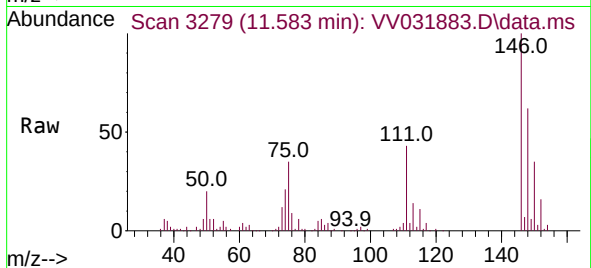
Tgt Ion:146 Resp: 66780

Ion Ratio Lower Upper

146 100

111 43.2 34.8 52.2

148 62.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.990 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031883.D

Acq: 23 Aug 2023 21:45

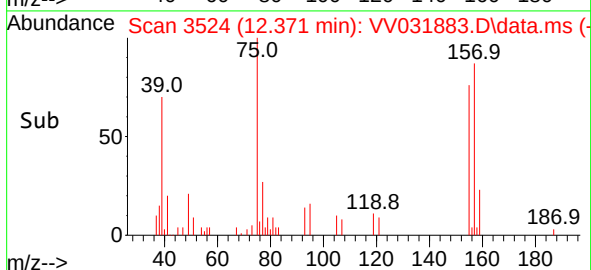
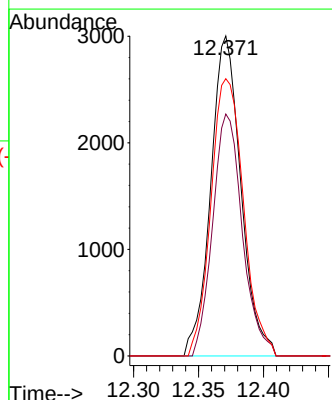
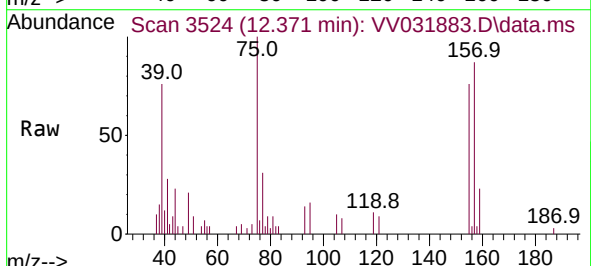
Tgt Ion: 75 Resp: 4849

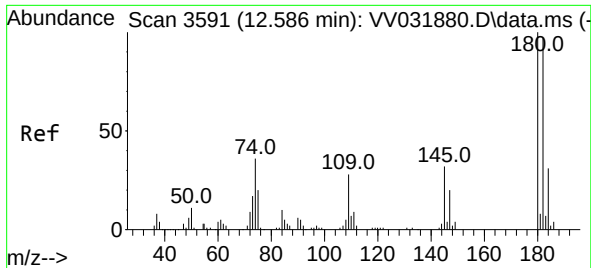
Ion Ratio Lower Upper

75 100

155 75.6 56.1 84.1

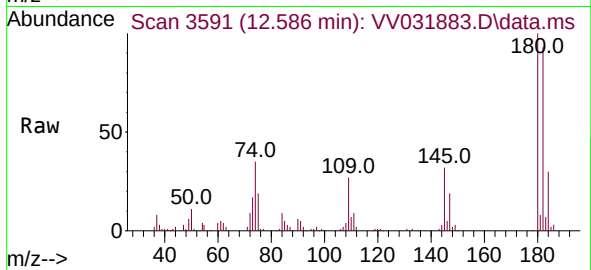
157 86.6 71.1 106.7



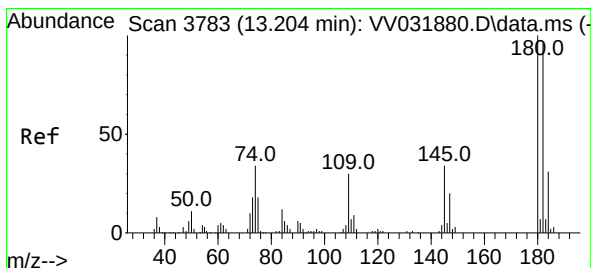
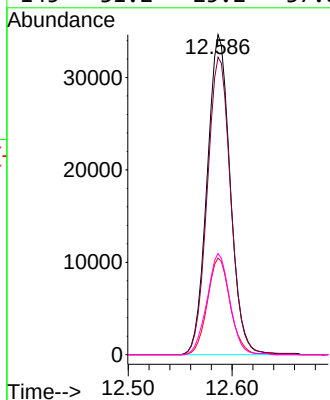
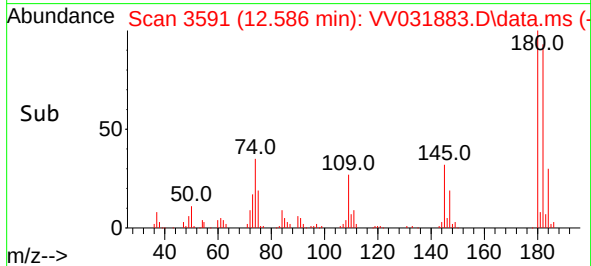


#69
 1,3,5-Trichlorobenzene
 Concen: 5.002 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45

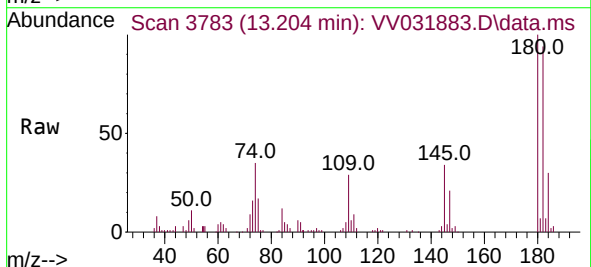
Instrument :
 MSVOA_V
 ClientSampleId :



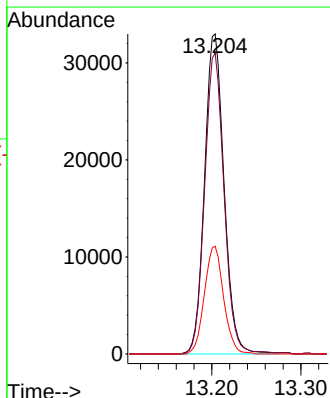
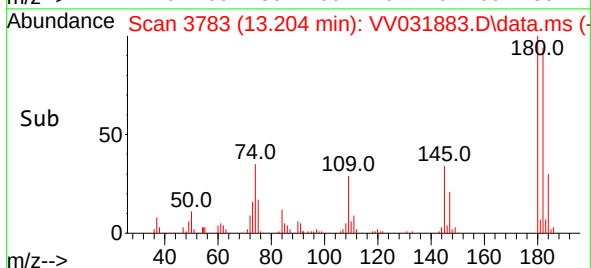
Tgt Ion:180 Resp: 53315
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.0 114.0
 184 29.8 23.9 35.9
 145 31.2 25.2 37.8

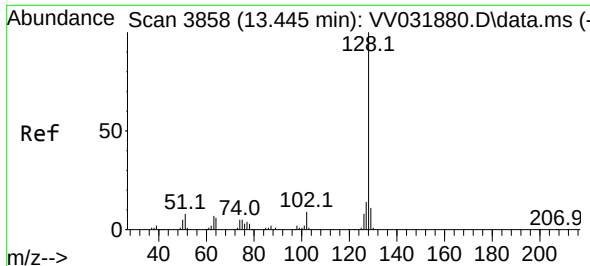


#70
 1,2,4-trichlorobenzene
 Concen: 5.156 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031883.D
 Acq: 23 Aug 2023 21:45



Tgt Ion:180 Resp: 50098
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.9 115.3
 145 33.1 26.6 39.8

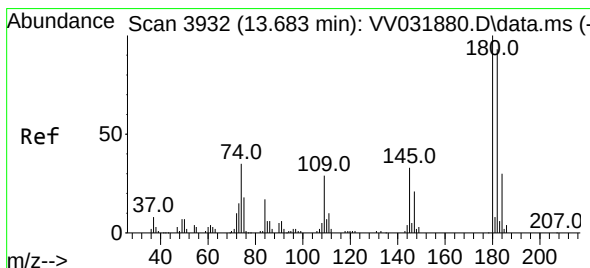
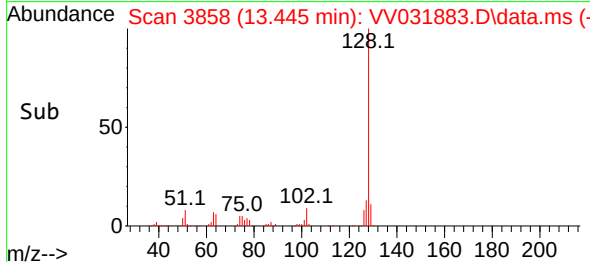
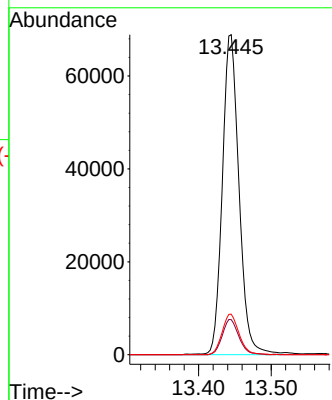
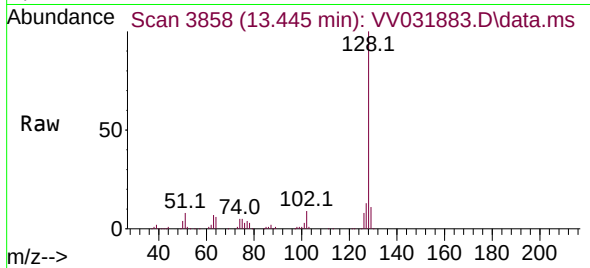




#71
Naphthalene
Concen: 6.010 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 110006
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.310 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV031883.D
Acq: 23 Aug 2023 21:45

Tgt Ion:180 Resp: 43445
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 33.9 27.3 40.9

