

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
 Data File : VV031783.D
 Acq On : 08 Aug 2023 08:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Aug 09 01:34:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	198463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	210077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57646	3.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.536	69	60768	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.060	65	28400	3.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.802	46	240966	53.665	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	4.256	84	176998	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.947	65	87541	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.966	84	277054	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	5.995	67	101119	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.246	98	259223	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	33916	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.031	63	164779	50.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	77438	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	99566	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	87776	4.072	ug/L	99
3) Chloromethane	1.221	50	83676	3.747	ug/L	98
5) Vinyl chloride	1.285	62	92506	4.335	ug/L #	29
6) Bromomethane	1.491	94	59896	4.592	ug/L	95
8) Chloroethane	1.552	64	51616	4.169	ug/L	96
9) Trichlorofluoromethane	1.716	101	151638	4.925	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	79755	4.710	ug/L	91
12) 1,1-Dichloroethene	2.073	96	66021	4.264	ug/L	80
13) Acetone	2.134	43	112478	39.373	ug/L	96
14) Carbon disulfide	2.243	76	204762	4.260	ug/L	99
15) Methyl Acetate	2.384	43	28906	4.730	ug/L	100
16) Methylene chloride	2.449	84	87927	4.273	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	128918	4.531	ug/L	96
18) trans-1,2-Dichloroethene	2.700	96	63046	4.709	ug/L	92
19) 1,1-Dichloroethane	3.118	63	143473	4.901	ug/L #	89
21) 2-Butanone	3.886	43	179859	48.370	ug/L	86
22) cis-1,2-Dichloroethene	3.818	96	65818	4.973	ug/L	94
23) Bromochloromethane	4.156	128	34879	5.233	ug/L	86
25) Chloroform	4.281	83	154193	5.355	ug/L	99

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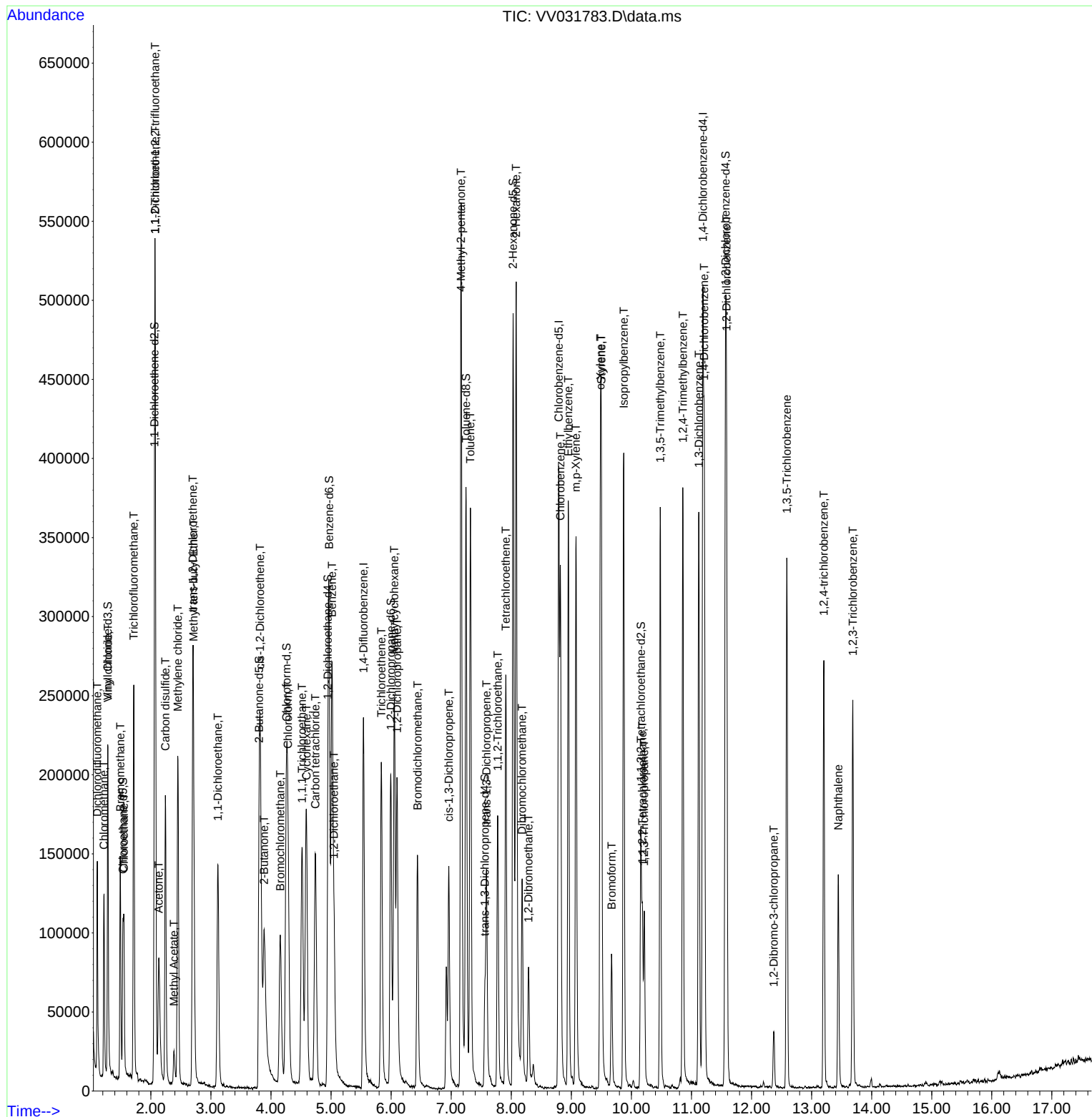
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 Quant Title : TRACE VOA SFAM1.0
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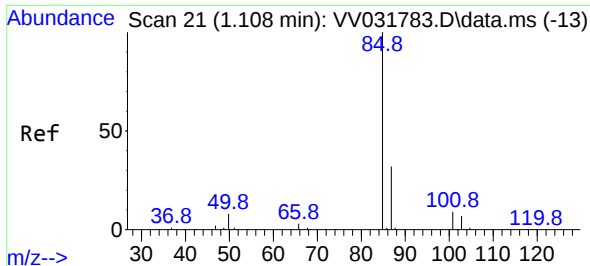
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	85001	4.694	ug/L	95
29) 1,1,1-Trichloroethane	4.516	97	128813	5.077	ug/L	98
30) Cyclohexane	4.593	56	83128	4.506	ug/L	96
31) Carbon tetrachloride	4.738	117	118033	5.272	ug/L	100
33) Benzene	5.015	78	272110	5.099	ug/L	100
34) Trichloroethene	5.838	95	75148	4.964	ug/L	90
35) Methylcyclohexane	6.053	83	82946	4.414	ug/L	95
37) 1,2-Dichloropropane	6.098	63	77061	5.031	ug/L #	94
38) Bromodichloromethane	6.439	83	103188	5.074	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	90986	4.771	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	377287	46.081	ug/L #	96
42) Toluene	7.320	91	275094	5.338	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	86423	5.196	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	54198	4.762	ug/L	96
47) Tetrachloroethene	7.908	164	58520	5.599	ug/L	98
48) 2-Hexanone	8.082	43	320761	53.465	ug/L	97
49) Dibromochloromethane	8.182	129	66636	5.451	ug/L	92
50) 1,2-Dibromoethane	8.288	107	51799	4.867	ug/L	94
51) Chlorobenzene	8.818	112	167748	4.935	ug/L	93
52) Ethylbenzene	8.950	91	248834	4.870	ug/L	99
53) m,p-Xylene	9.079	106	93900	4.972	ug/L	96
54) o-Xylene	9.484	106	85028	4.854	ug/L	96
55) Styrene	9.500	104	162862	4.927	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	53678	4.457	ug/L	89
59) Bromoform	9.670	173	37553	4.688	ug/L #	96
60) Isopropylbenzene	9.873	105	244711	4.604	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	46259	4.337	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	190445	4.441	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	190243	4.445	ug/L	95
64) 1,3-Dichlorobenzene	11.124	146	144776	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	148916	4.912	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	138514	5.046	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	10176	4.643	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	105001	5.012	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	79444	4.786	ug/L	99
71) Naphthalene	13.445	128	102303	3.820	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	74192	4.840	ug/L	98

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

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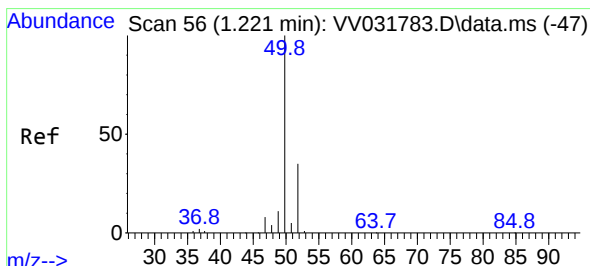
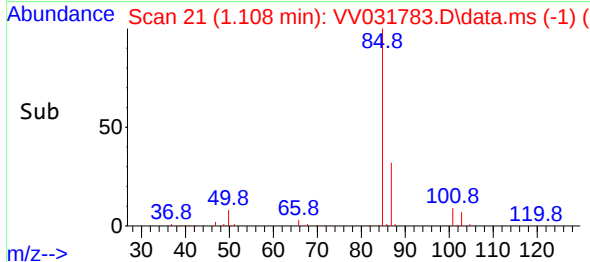
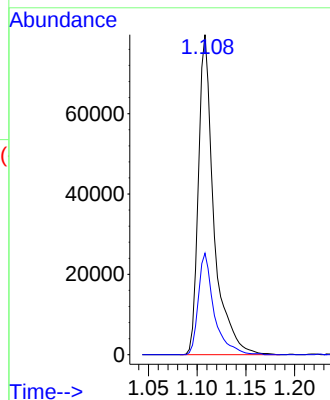
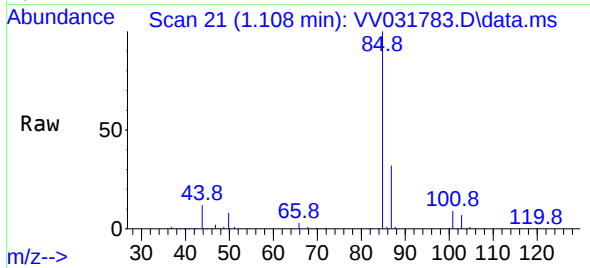




#2
 Dichlorodifluoromethane
 Concen: 4.072 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

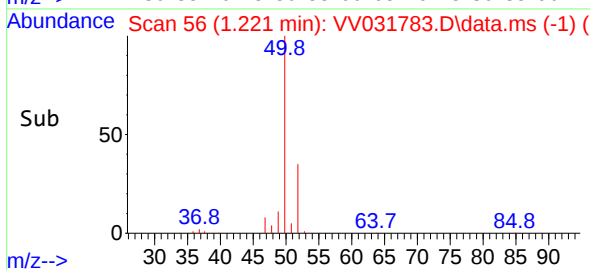
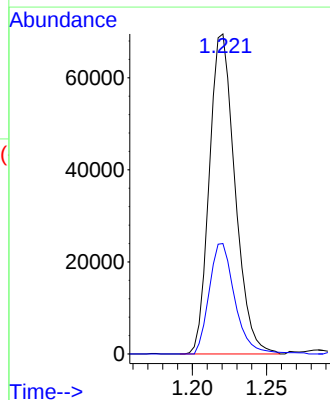
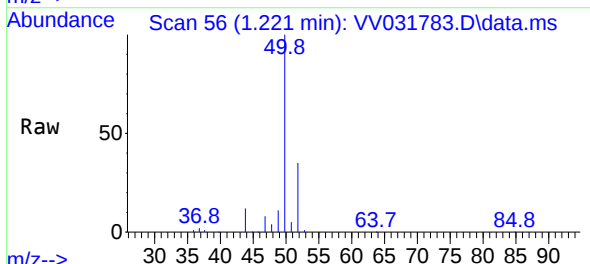
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 VSTD005372

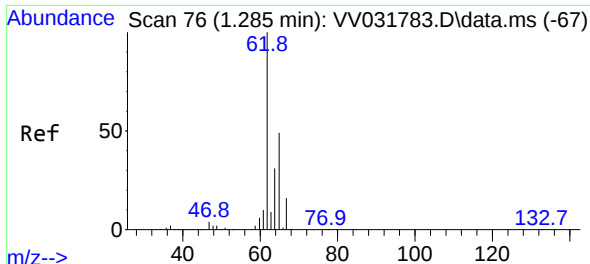
Tgt Ion: 85 Resp: 87776
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.5 38.3



#3
 Chloromethane
 Concen: 3.747 ug/L
 RT: 1.221 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Tgt Ion: 50 Resp: 83676
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.5 43.7

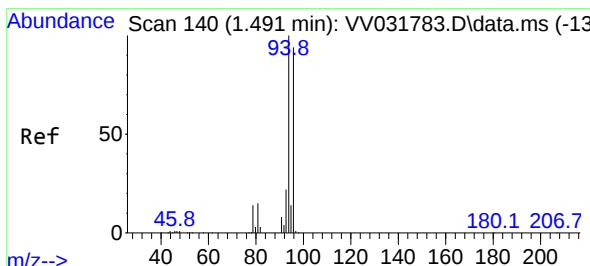
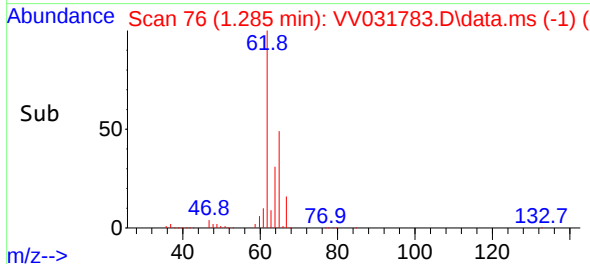
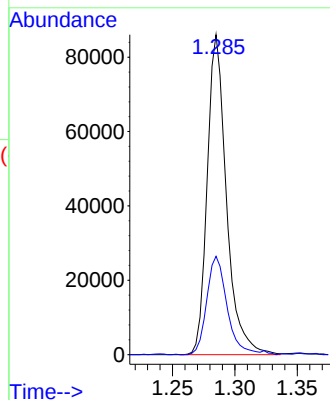
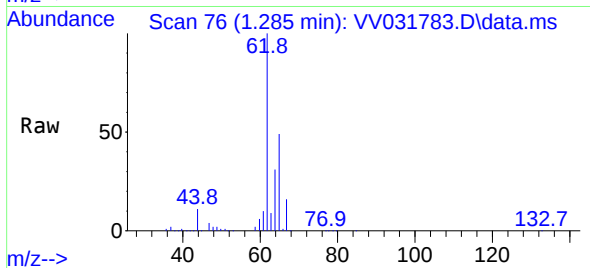




#5
 Vinyl chloride
 Concen: 4.335 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

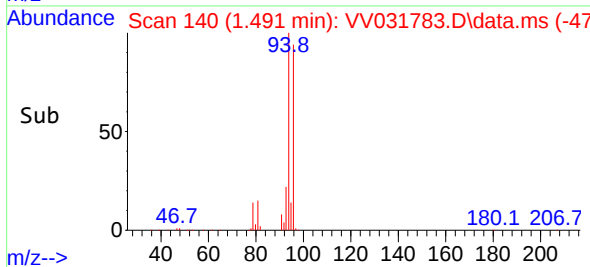
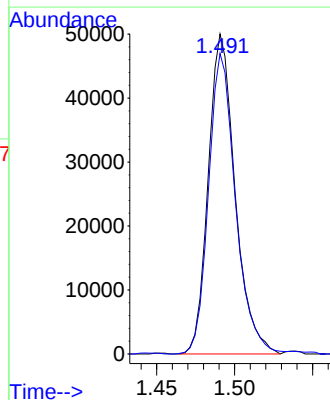
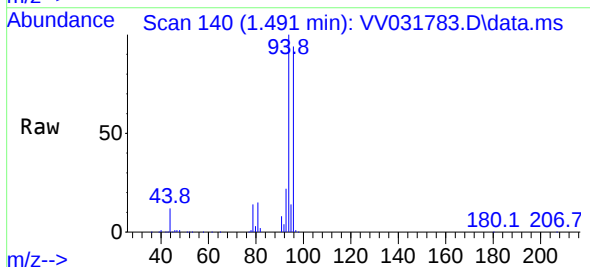
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 ClientSampleId :
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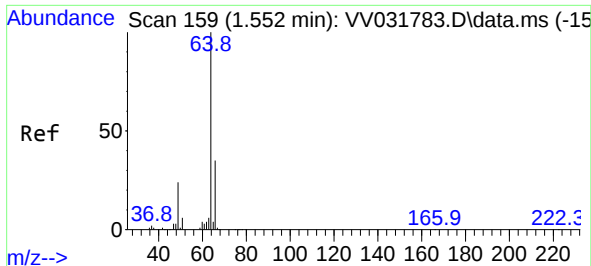
Tgt Ion: 62 Resp: 92506
 Ion Ratio Lower Upper
 62 100
 64 30.7 71.7 133.1#



#6
 Bromomethane
 Concen: 4.592 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Tgt Ion: 94 Resp: 59896
 Ion Ratio Lower Upper
 94 100
 96 93.9 69.4 128.8

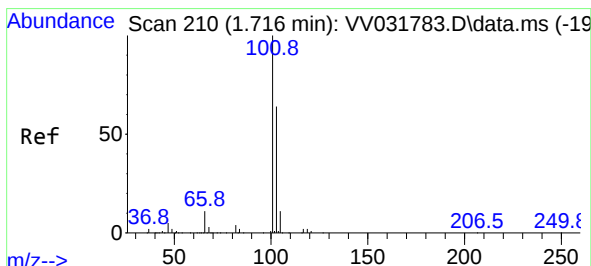
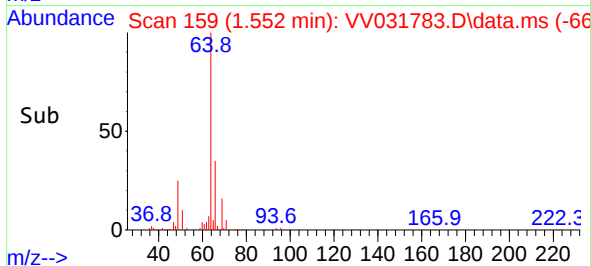
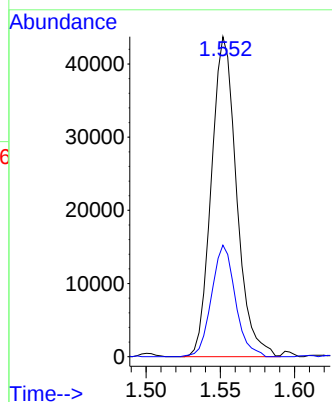
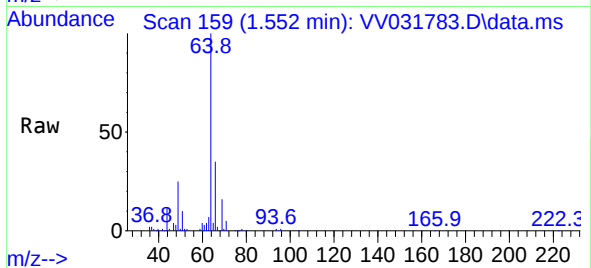




#8
Chloroethane
Concen: 4.169 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

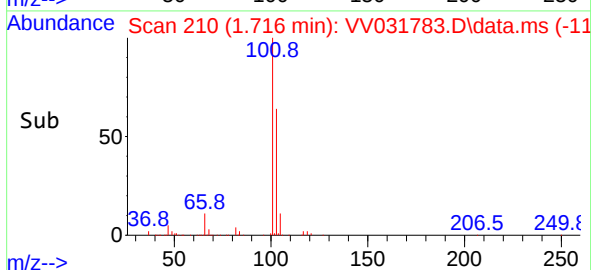
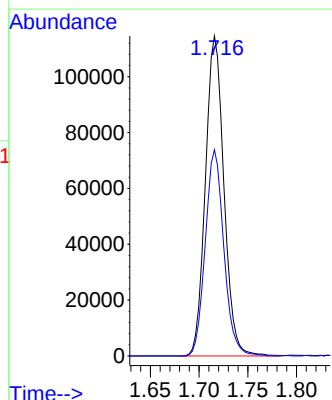
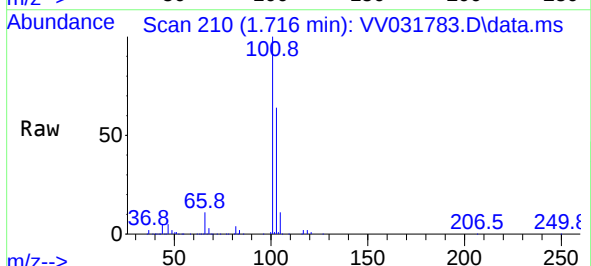
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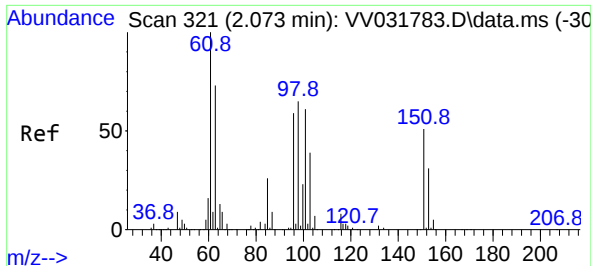
Tgt Ion: 64 Resp: 51616
Ion Ratio Lower Upper
64 100
66 34.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 4.925 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 101 Resp: 151638
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

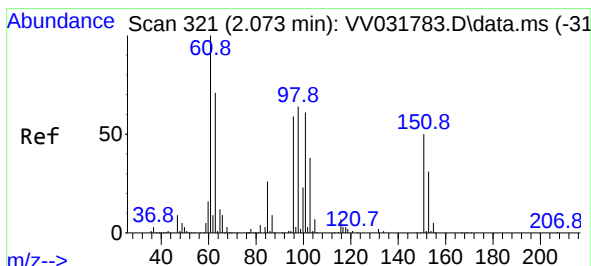
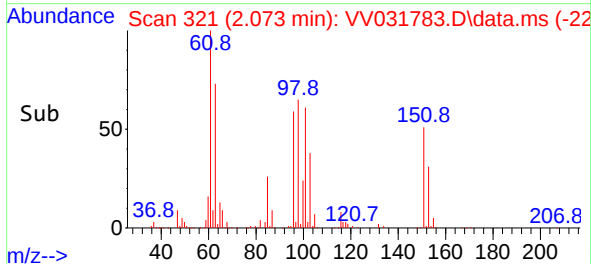
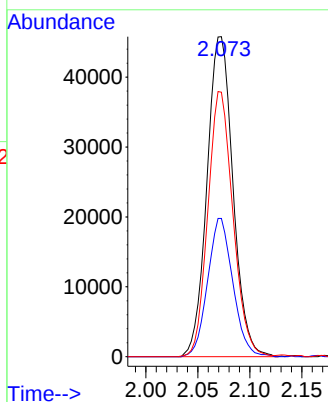
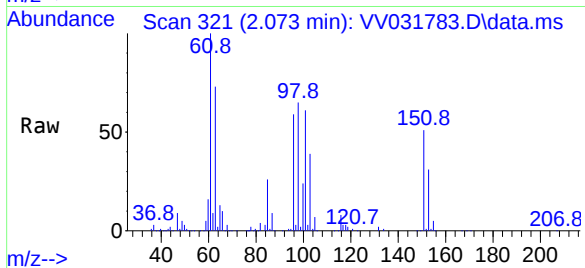




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.710 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

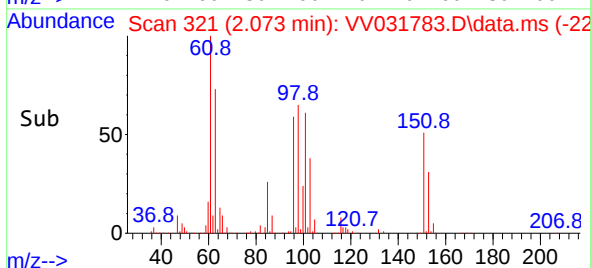
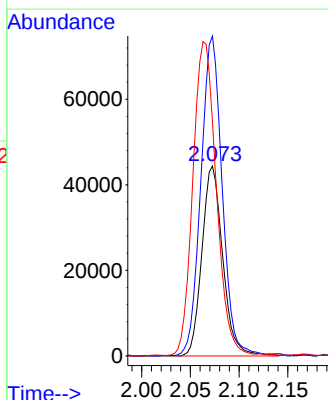
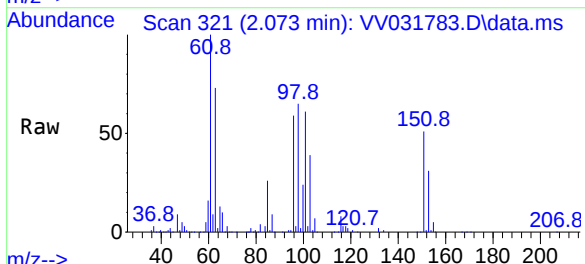
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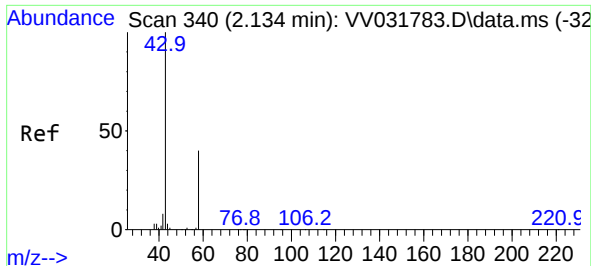
Tgt Ion:101 Resp: 79755
 Ion Ratio Lower Upper
 101 100
 85 41.8 36.2 54.2
 151 80.0 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.264 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Tgt Ion: 96 Resp: 66021
 Ion Ratio Lower Upper
 96 100
 61 168.4 131.3 243.9
 63 123.5 112.6 209.2





#13

Acetone

Concen: 39.373 ug/L

RT: 2.134 min Scan# 340

Delta R.T. -0.010 min

Lab File: VV031783.D

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ClientSampleId :

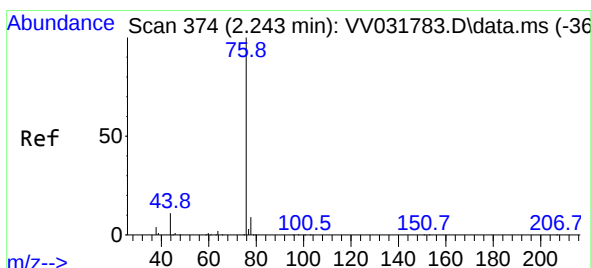
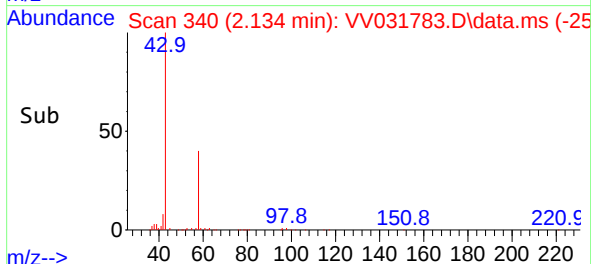
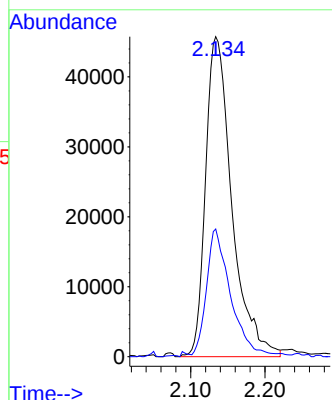
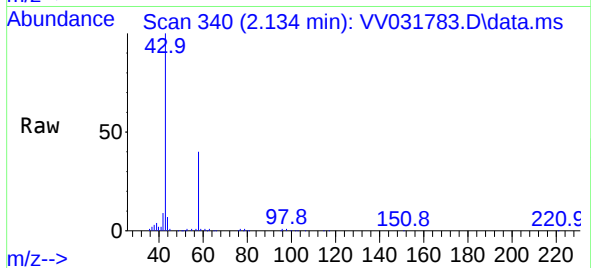
VSTD005372

Tgt Ion: 43 Resp: 112478

Ion Ratio Lower Upper

43 100

58 34.8 0.0 64.6



#14

Carbon disulfide

Concen: 4.260 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV031783.D

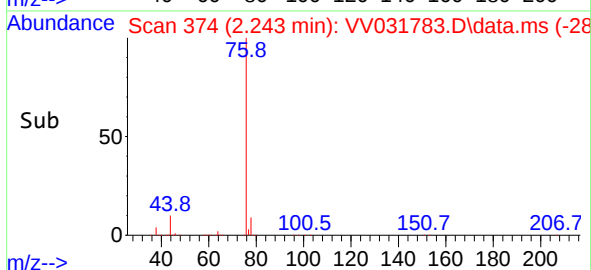
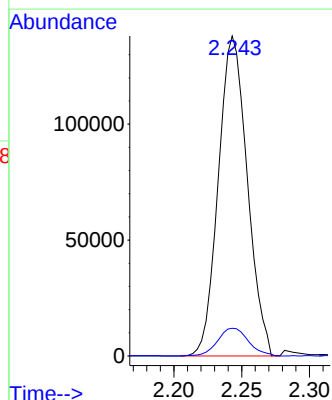
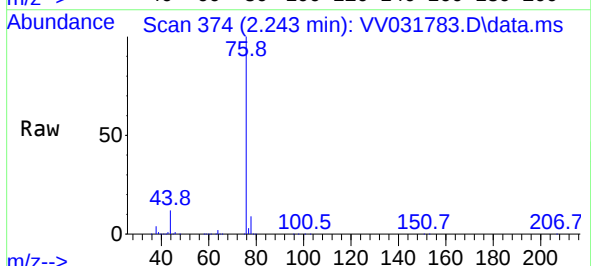
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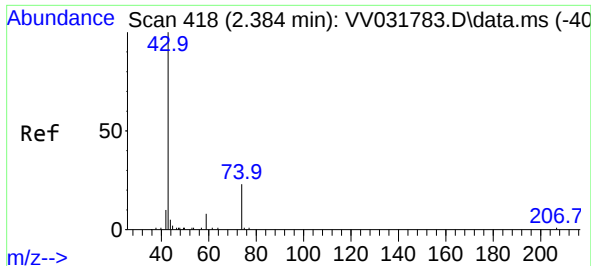
Tgt Ion: 76 Resp: 204762

Ion Ratio Lower Upper

76 100

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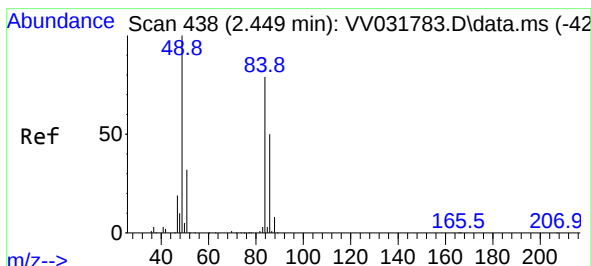
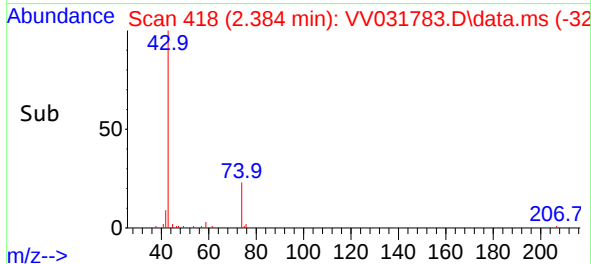
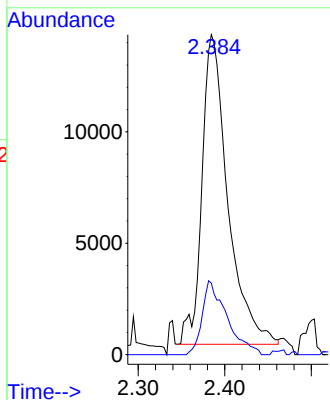
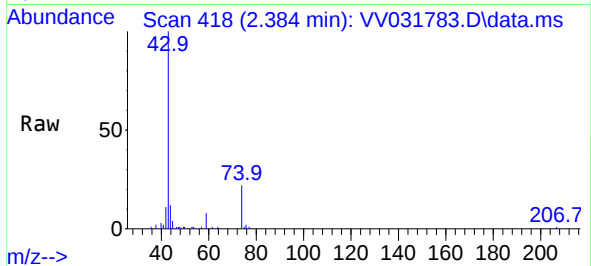




#15
Methyl Acetate
Concen: 4.730 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

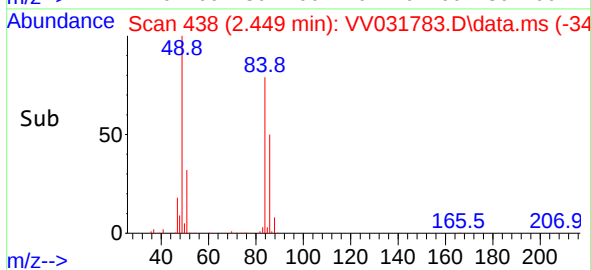
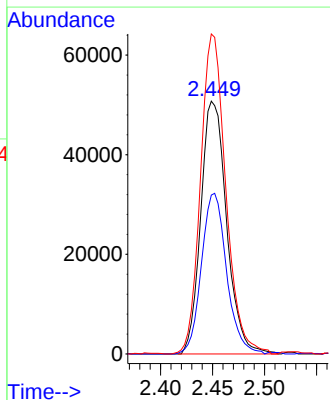
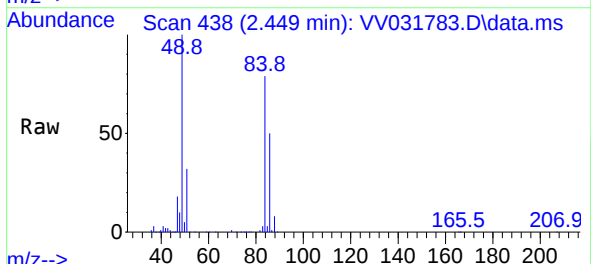
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

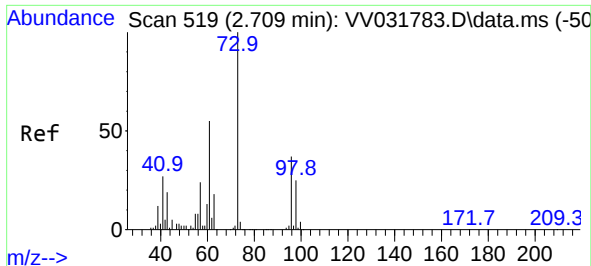
Tgt Ion: 43 Resp: 28906
Ion Ratio Lower Upper
43 100
74 22.7 18.0 27.0



#16
Methylene chloride
Concen: 4.273 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 84 Resp: 87927
Ion Ratio Lower Upper
84 100
86 63.8 46.3 86.1
49 132.3 101.8 189.0

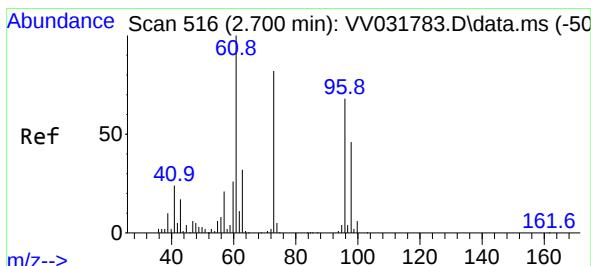
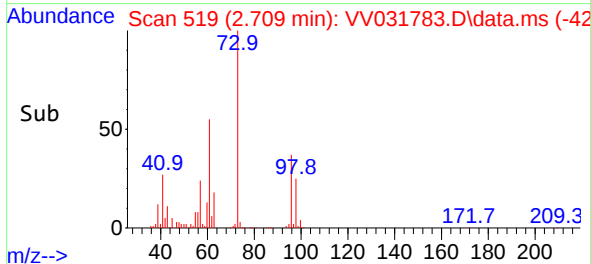
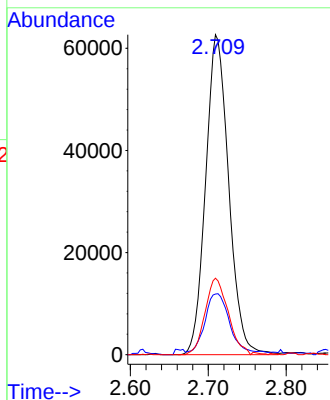
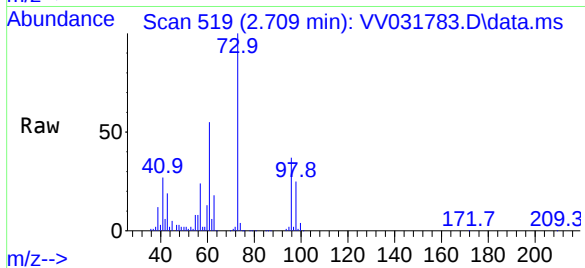




#17
Methyl tert-butyl Ether
Concen: 4.531 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

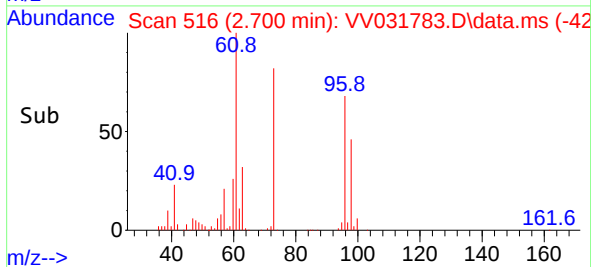
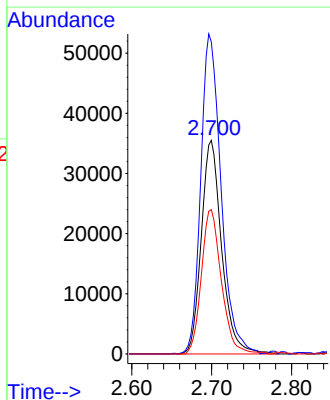
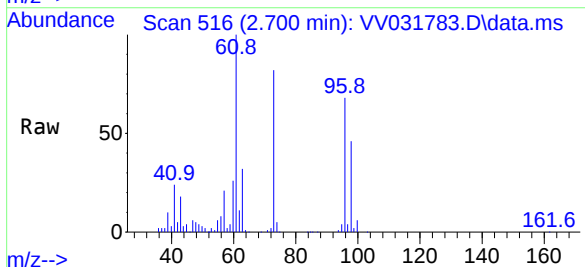
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

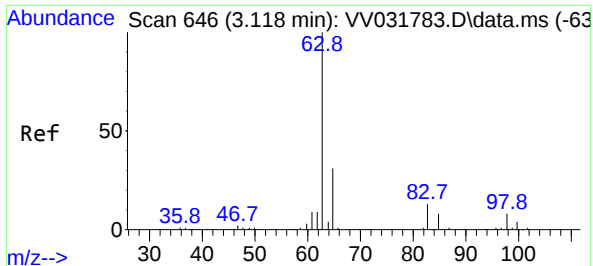
Tgt Ion: 73 Resp: 128918
Ion Ratio Lower Upper
73 100
43 19.4 18.1 27.1
57 23.9 19.6 29.4



#18
trans-1,2-Dichloroethene
Concen: 4.709 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 96 Resp: 63046
Ion Ratio Lower Upper
96 100
61 137.4 105.5 195.9
98 63.6 45.4 84.2

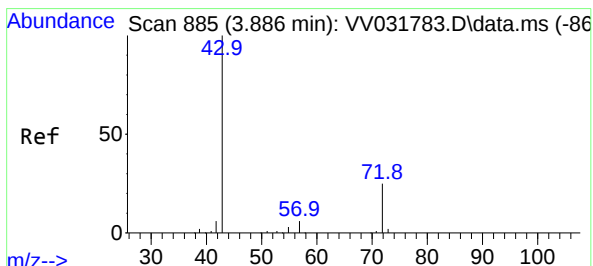
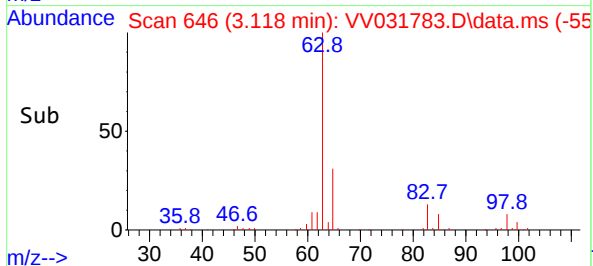
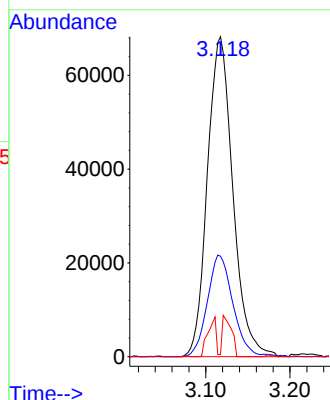
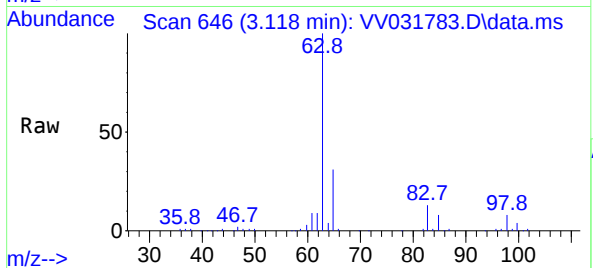




#19
1,1-Dichloroethane
Concen: 4.901 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

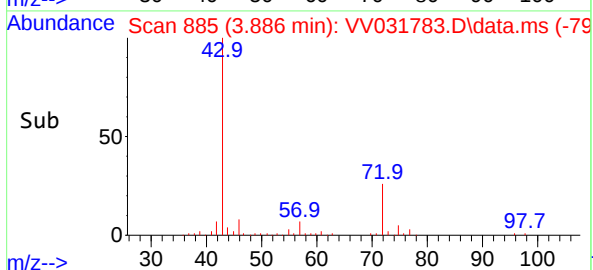
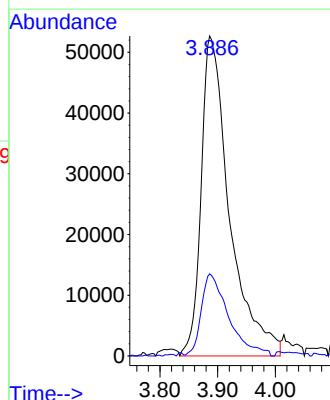
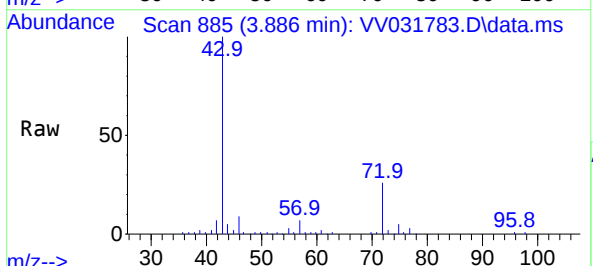
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

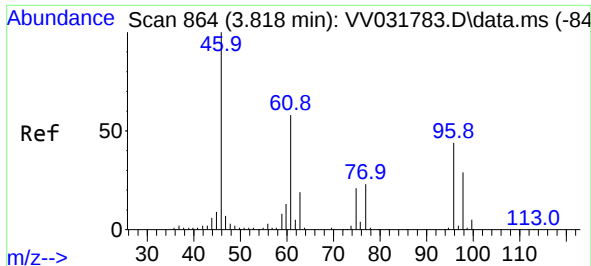
Tgt Ion: 63 Resp: 143473
Ion Ratio Lower Upper
63 100
65 32.1 23.4 43.6
83 0.6 9.4 17.4#



#21
2-Butanone
Concen: 48.370 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.010 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 43 Resp: 179859
Ion Ratio Lower Upper
43 100
72 24.7 9.2 27.4



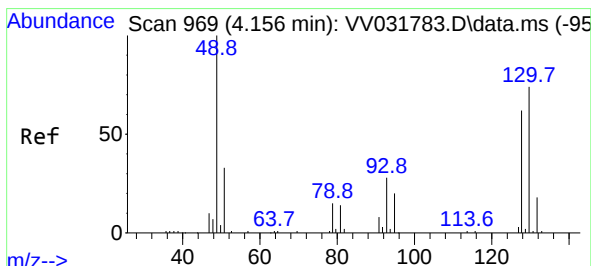
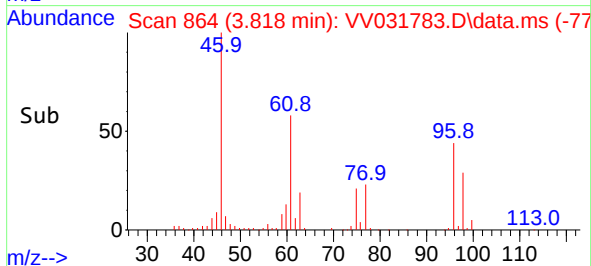
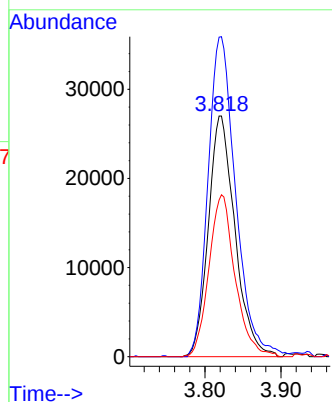
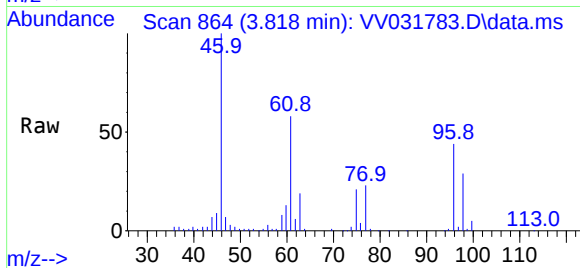


#22
 cis-1,2-Dichloroethene
 Concen: 4.973 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Tgt Ion: 96 Resp: 65818

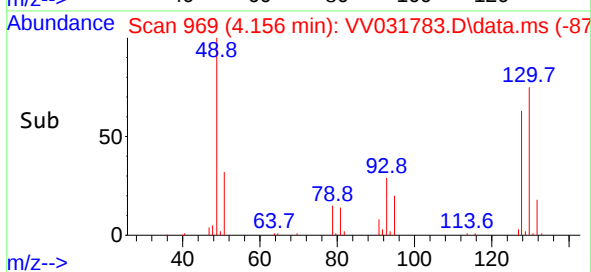
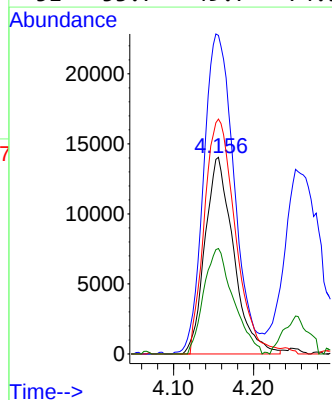
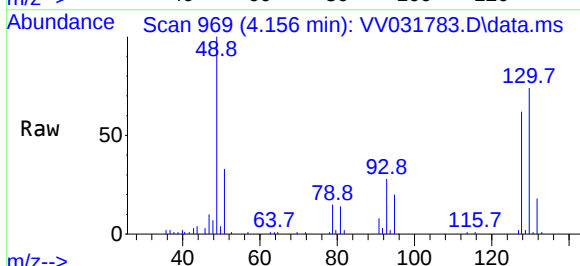
Ion	Ratio	Lower	Upper
96	100		
61	132.8	99.4	184.6
98	67.3	45.1	83.7

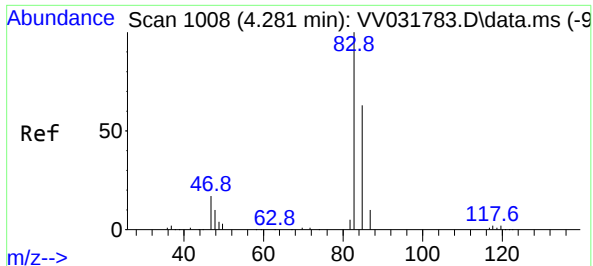


#23
 Bromochloromethane
 Concen: 5.233 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Tgt Ion: 128 Resp: 34879

Ion	Ratio	Lower	Upper
128	100		
49	168.4	136.1	252.7
130	119.4	91.3	169.5
51	53.7	49.7	74.5





#25

Chloroform

Concen: 5.355 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031783.D

Acq: 08 Aug 2023 08:59

Instrument :

MSVOA_V

ClientSampleId :

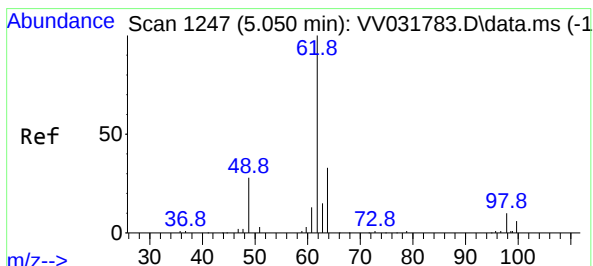
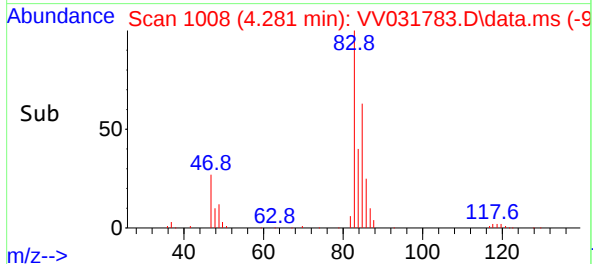
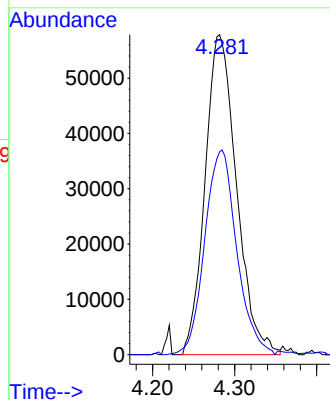
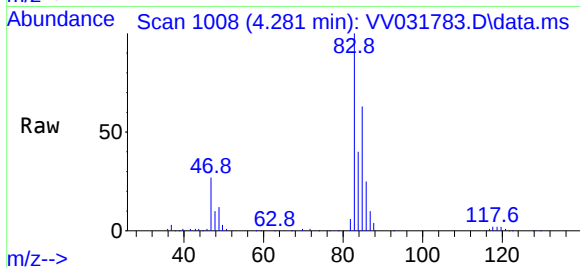
VSTD005372

Tgt Ion: 83 Resp: 154193

Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.694 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031783.D

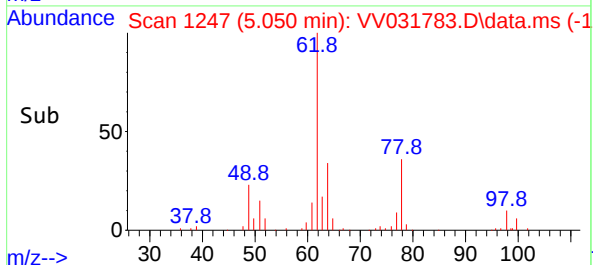
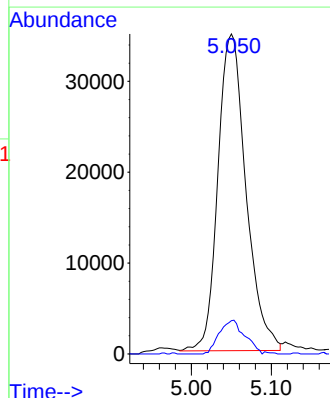
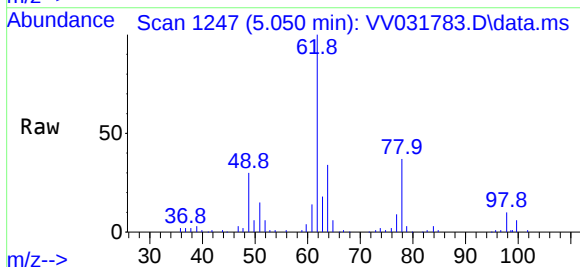
Acq: 08 Aug 2023 08:59

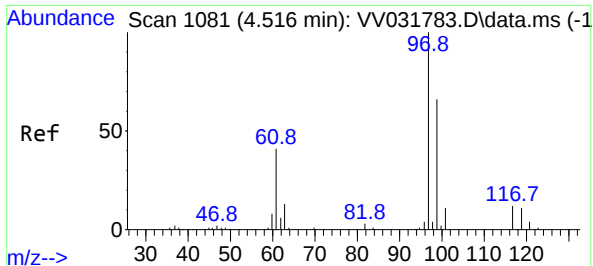
Tgt Ion: 62 Resp: 85001

Ion Ratio Lower Upper

62 100

98 10.4 7.0 10.4

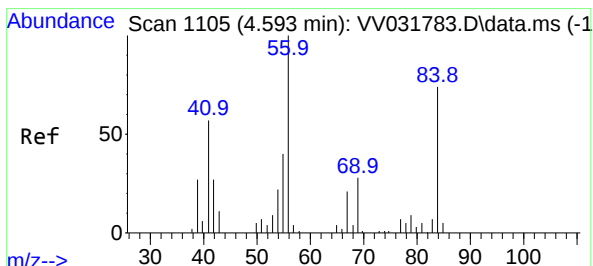
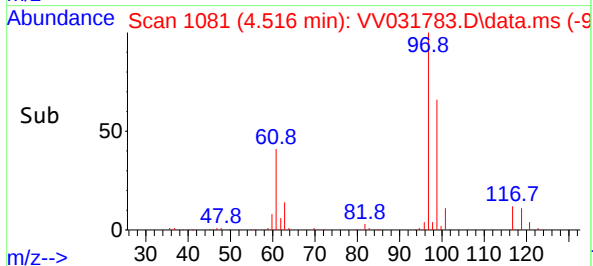
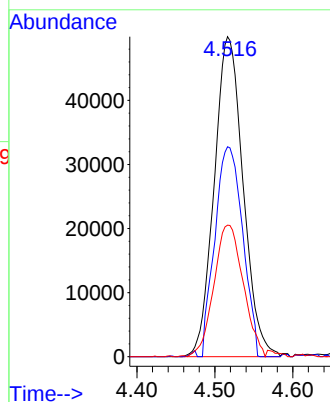
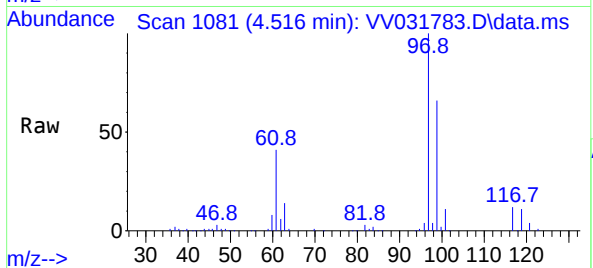




#29
1,1,1-Trichloroethane
Concen: 5.077 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

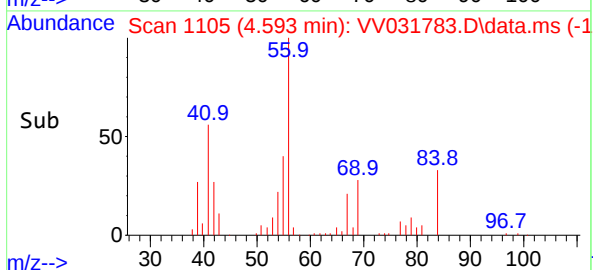
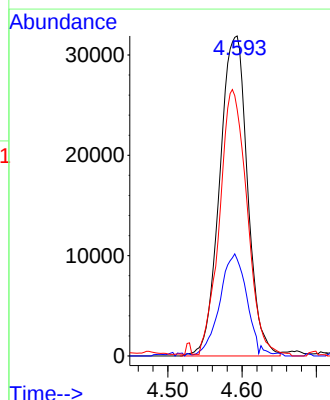
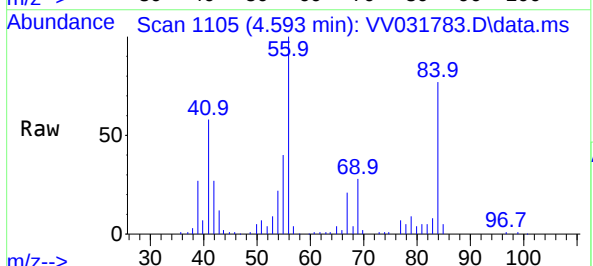
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

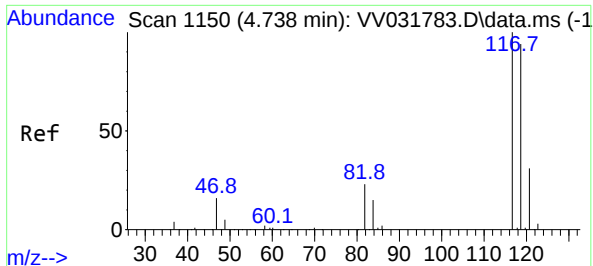
Tgt Ion: 97 Resp: 128813
Ion Ratio Lower Upper
97 100
99 62.9 50.4 75.6
61 41.7 35.6 53.4



#30
Cyclohexane
Concen: 4.506 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 56 Resp: 83128
Ion Ratio Lower Upper
56 100
69 30.3 22.9 34.3
84 82.6 62.7 94.1

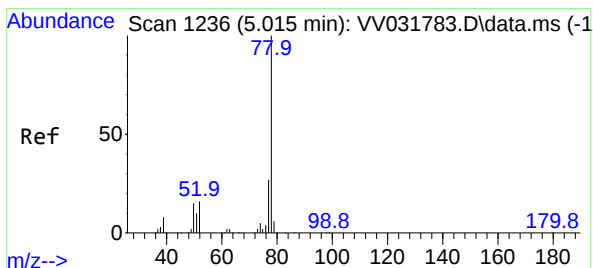
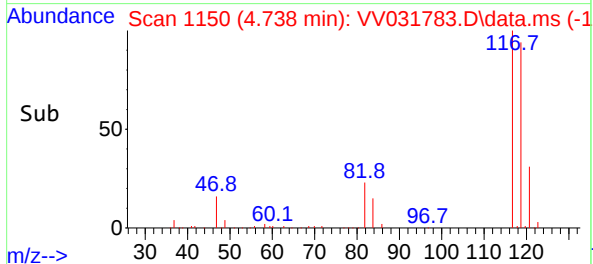
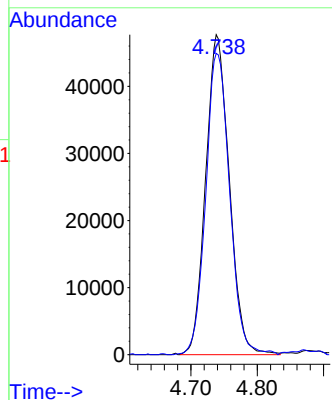
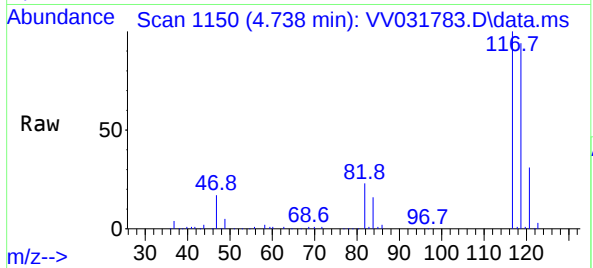




#31
Carbon tetrachloride
Concen: 5.272 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

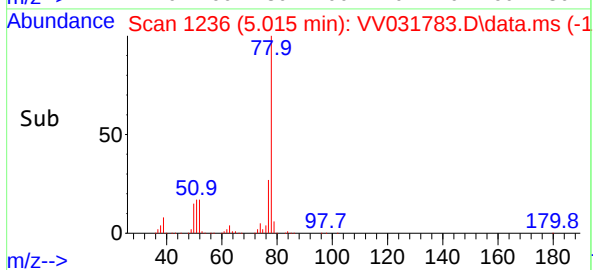
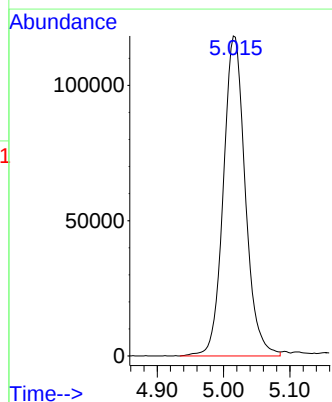
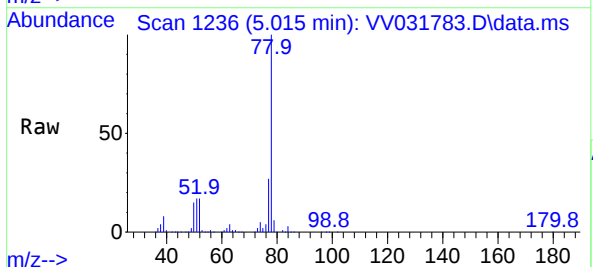
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

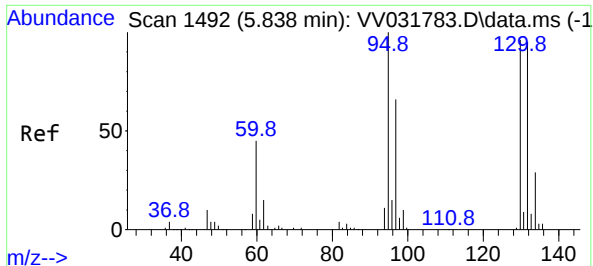
Tgt Ion:117 Resp: 118033
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1



#33
Benzene
Concen: 5.099 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 78 Resp: 272110



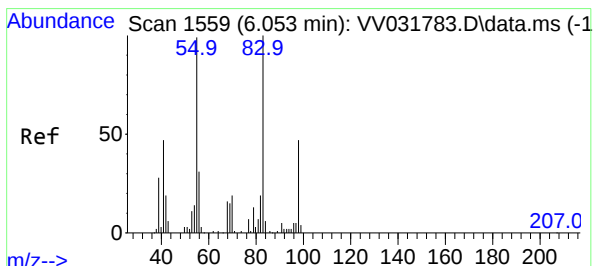
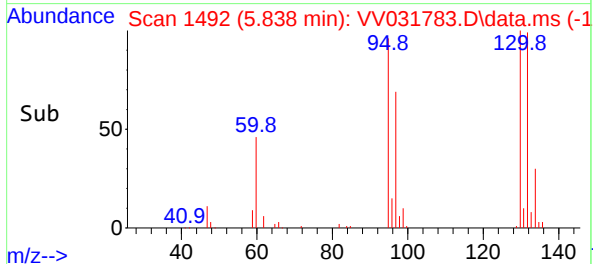
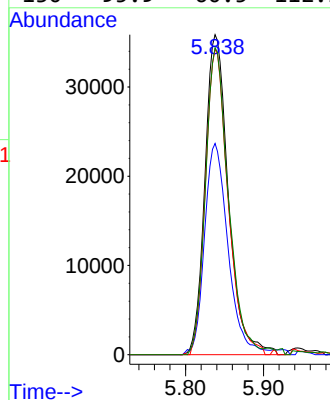
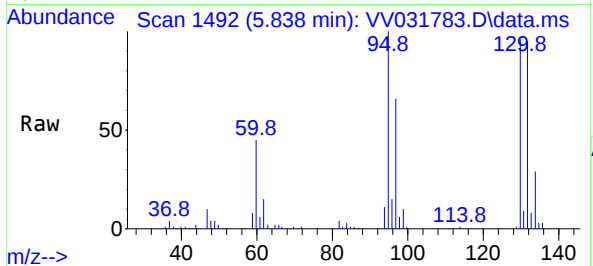


#34
Trichloroethene
Concen: 4.964 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion: 95 Resp: 75148

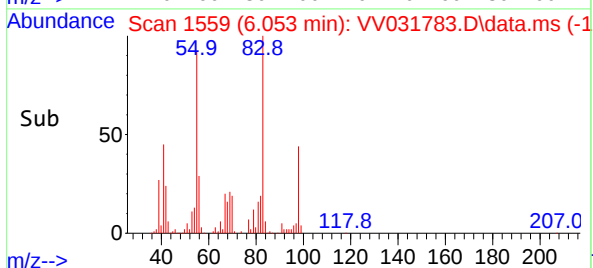
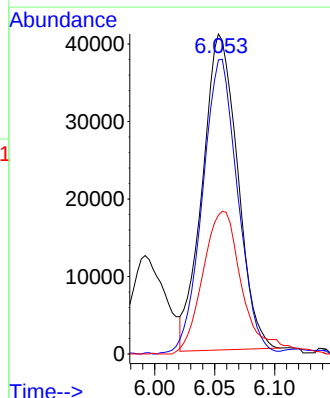
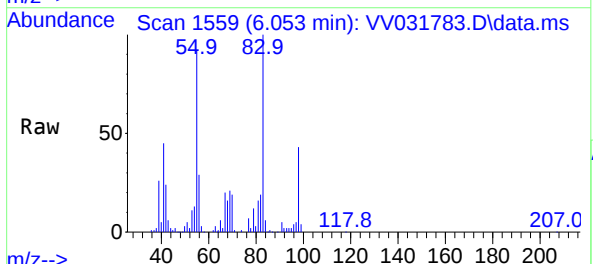
Ion	Ratio	Lower	Upper
95	100		
97	66.0	43.3	80.5
132	95.5	58.3	108.3
130	95.9	60.5	112.5

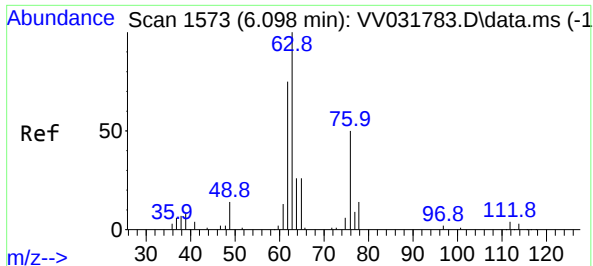


#35
Methylcyclohexane
Concen: 4.414 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 83 Resp: 82946

Ion	Ratio	Lower	Upper
83	100		
55	93.8	73.8	110.6
98	51.3	35.1	52.7

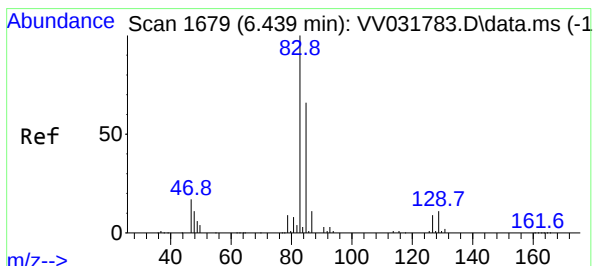
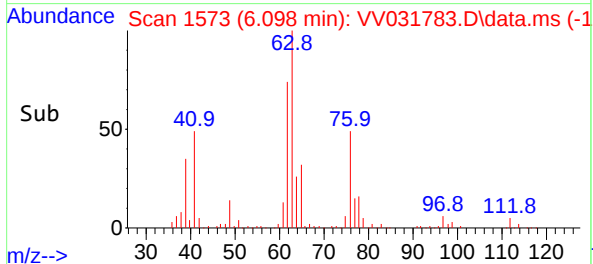
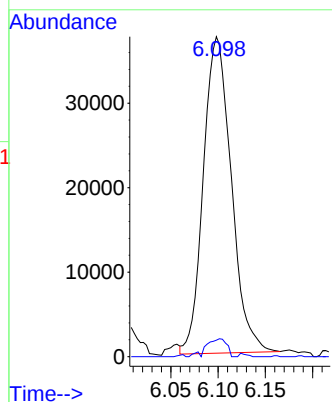
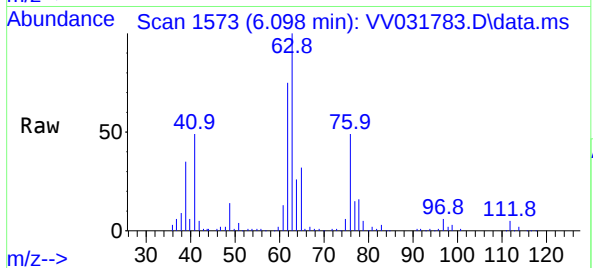




#37
1,2-Dichloropropane
Concen: 5.031 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

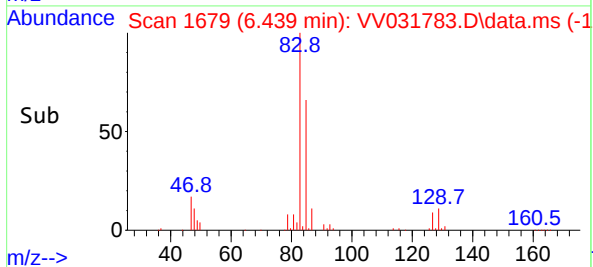
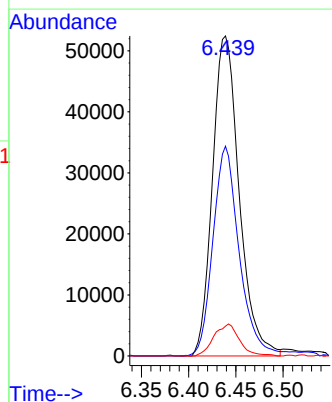
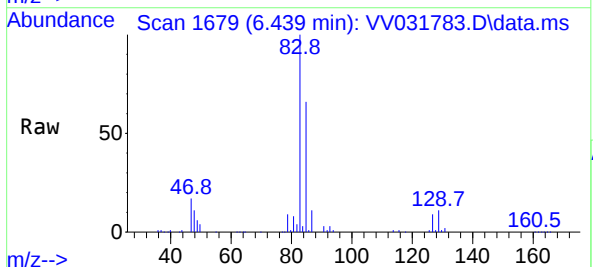
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

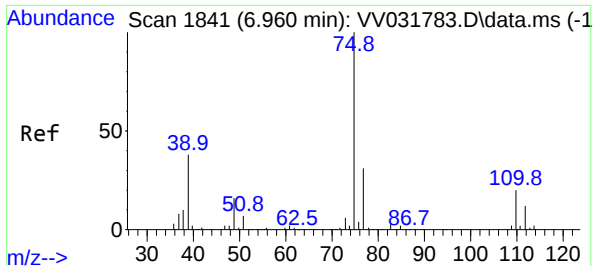
Tgt Ion: 63 Resp: 77061
Ion Ratio Lower Upper
63 100
112 4.1 1.4 2.2#



#38
Bromodichloromethane
Concen: 5.074 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 83 Resp: 103188
Ion Ratio Lower Upper
83 100
85 66.4 45.5 84.5
127 9.3 6.9 10.3

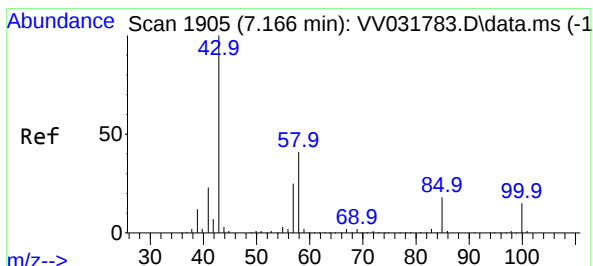
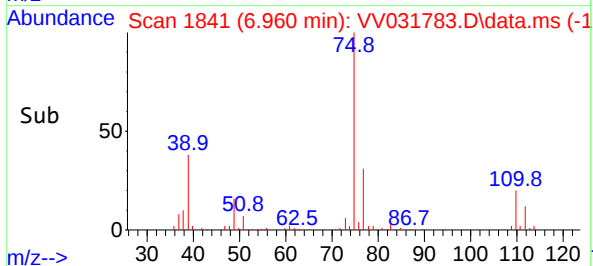
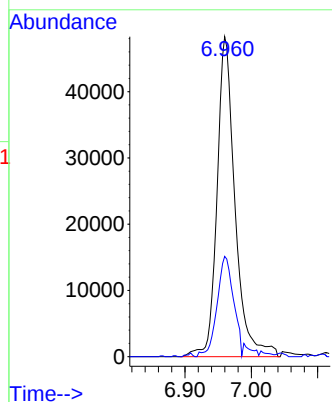
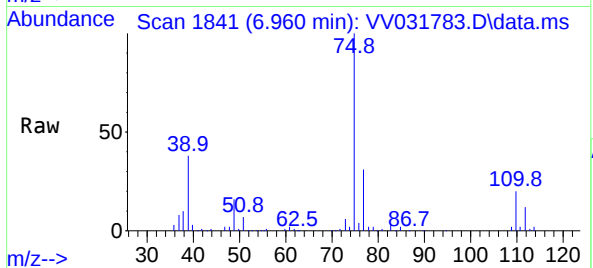




#39
 cis-1,3-Dichloropropene
 Concen: 4.771 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

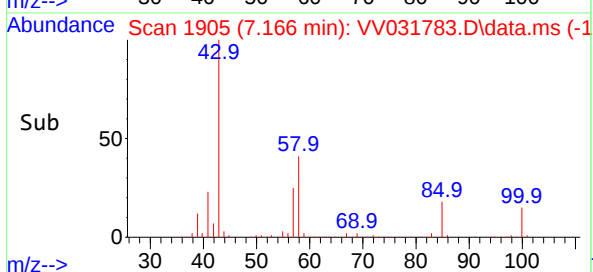
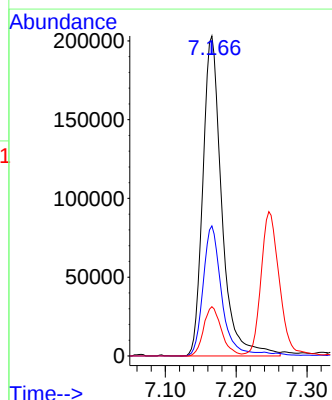
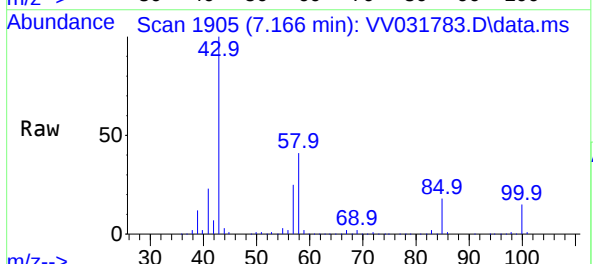
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

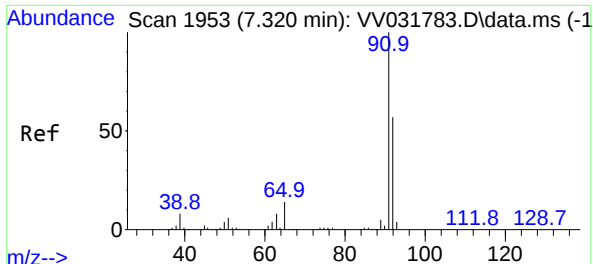
Tgt Ion: 75 Resp: 90986
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 46.081 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Tgt Ion: 43 Resp: 377287
 Ion Ratio Lower Upper
 43 100
 58 39.5 30.3 45.5
 100 14.6 9.7 14.5#





#42

Toluene

Concen: 5.338 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031783.D

Acq: 08 Aug 2023 08:59

Instrument :

MSVOA_V

ClientSampleId :

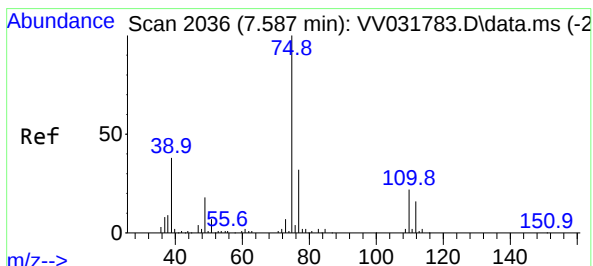
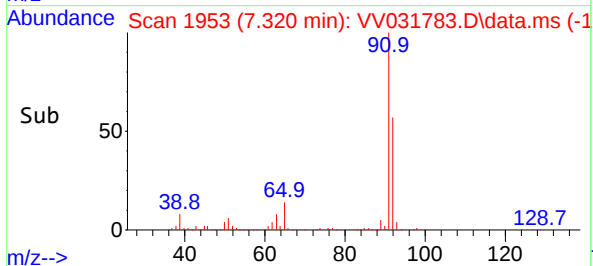
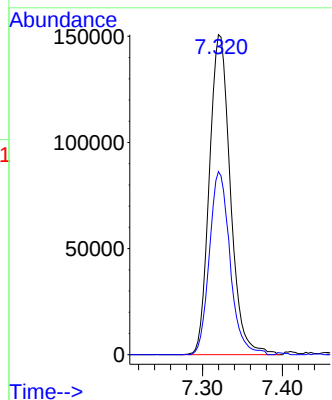
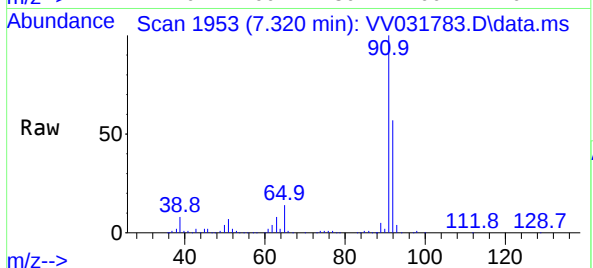
VSTD005372

Tgt Ion: 91 Resp: 275094

Ion Ratio Lower Upper

91 100

92 57.2 38.1 70.7



#44

trans-1,3-Dichloropropene

Concen: 5.196 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031783.D

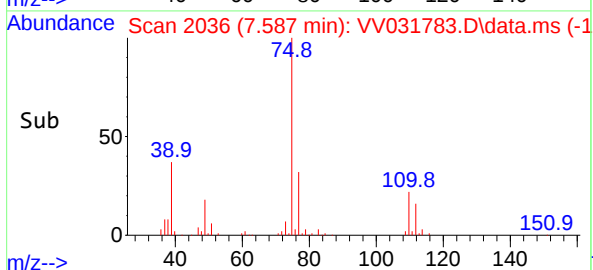
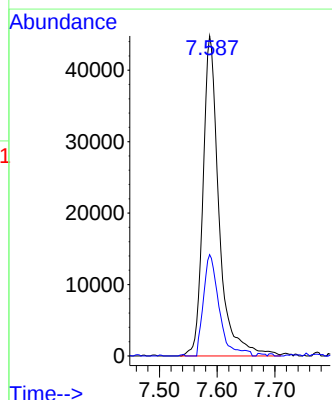
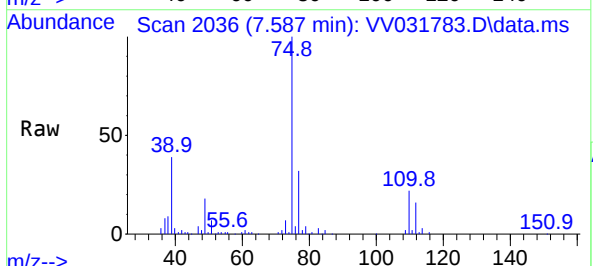
Acq: 08 Aug 2023 08:59

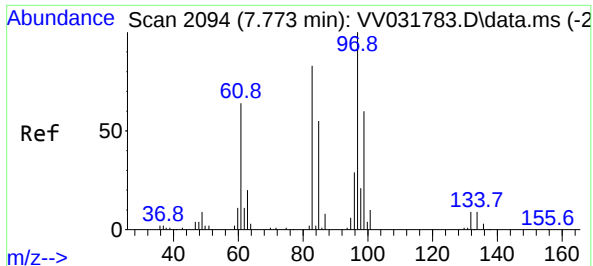
Tgt Ion: 75 Resp: 86423

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



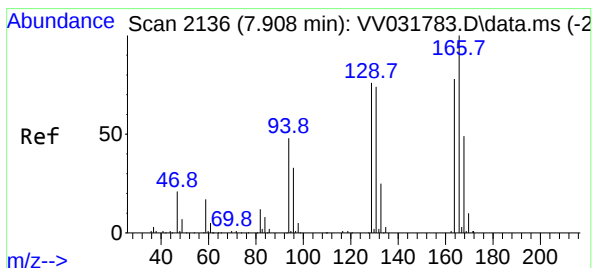
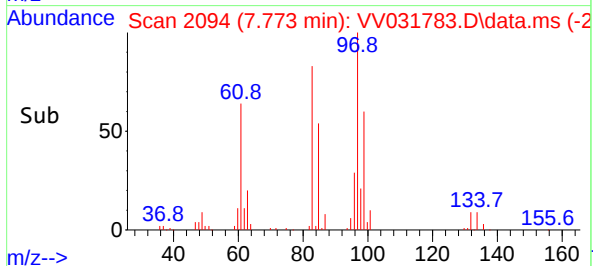
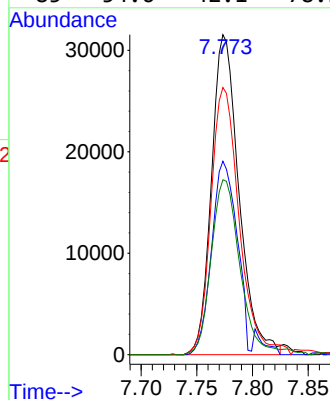
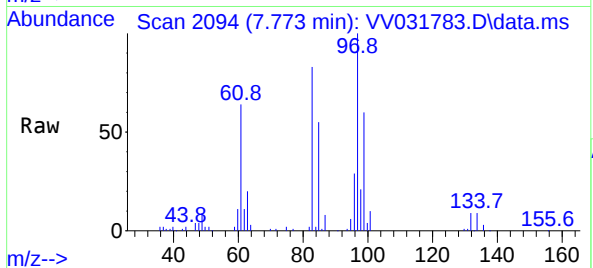


#45
1,1,2-Trichloroethane
Concen: 4.762 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion: 97 Resp: 54198

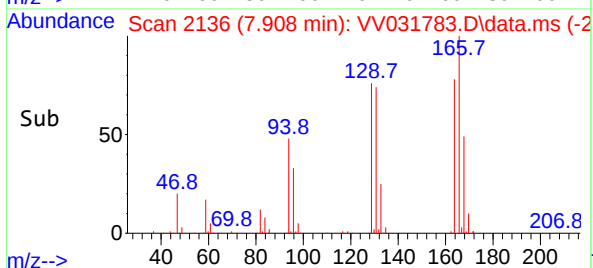
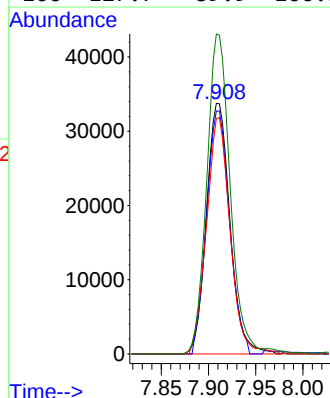
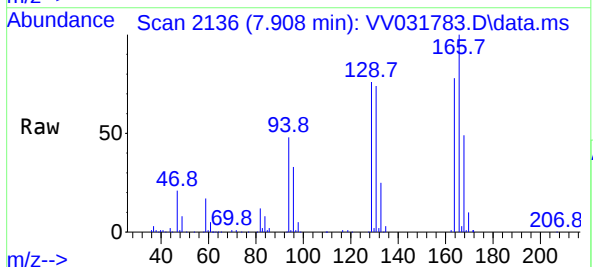
Ion	Ratio	Lower	Upper
97	100		
99	60.5	40.9	76.0
83	83.5	59.7	110.9
85	54.6	42.1	78.1

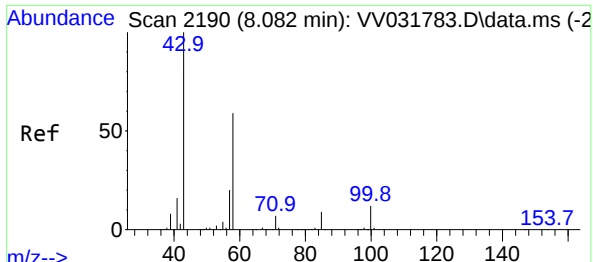


#47
Tetrachloroethene
Concen: 5.599 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 164 Resp: 58520

Ion	Ratio	Lower	Upper
164	100		
129	96.9	70.5	130.9
131	94.0	64.0	118.8
166	127.7	89.9	166.9

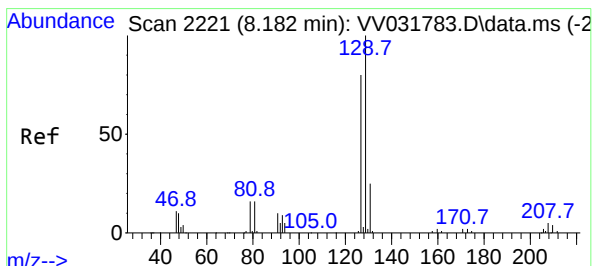
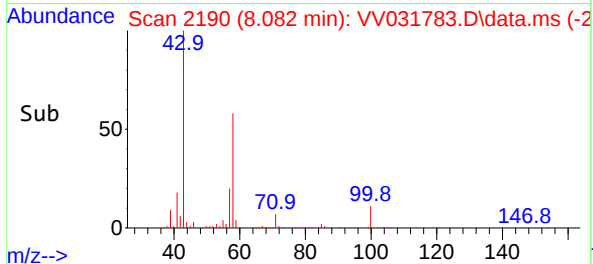
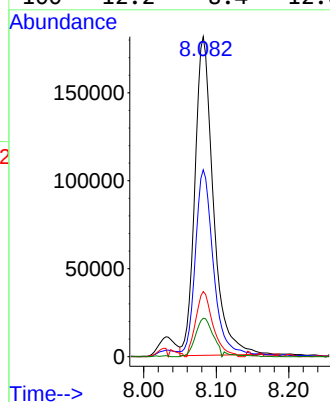
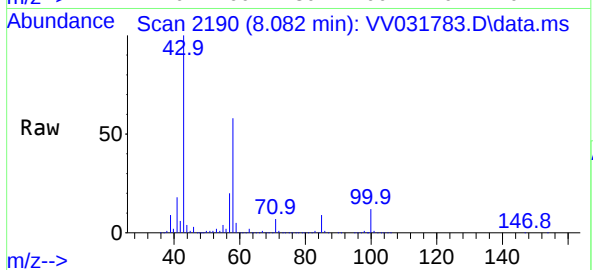




#48
2-Hexanone
Concen: 53.465 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

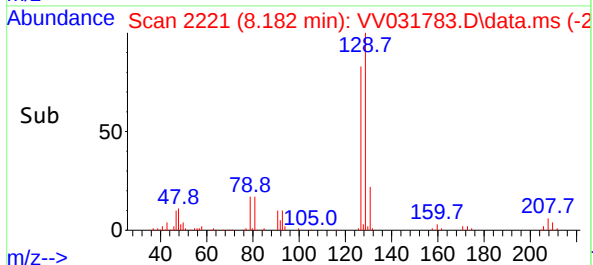
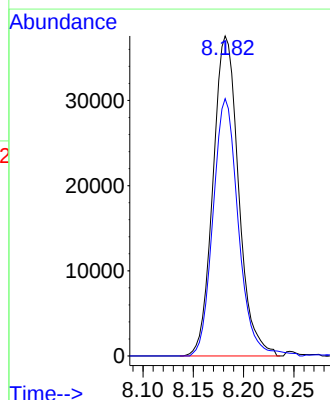
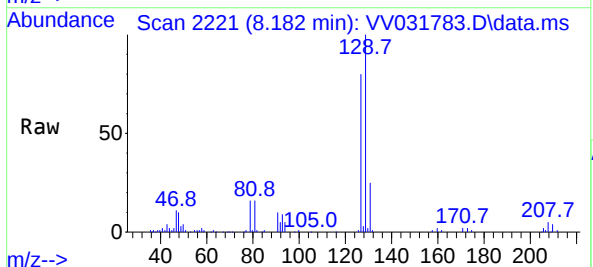
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

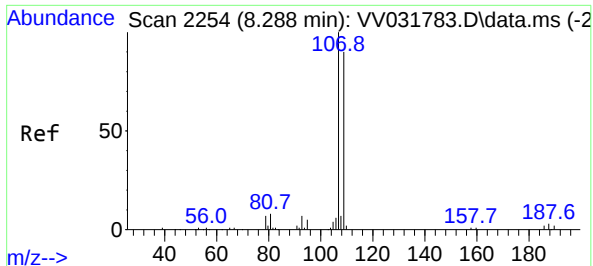
Tgt Ion: 43 Resp: 320761
Ion Ratio Lower Upper
43 100
58 55.9 42.6 64.0
57 19.1 14.6 21.8
100 12.2 8.4 12.6



#49
Dibromochloromethane
Concen: 5.451 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 129 Resp: 66636
Ion Ratio Lower Upper
129 100
127 80.4 51.7 96.1

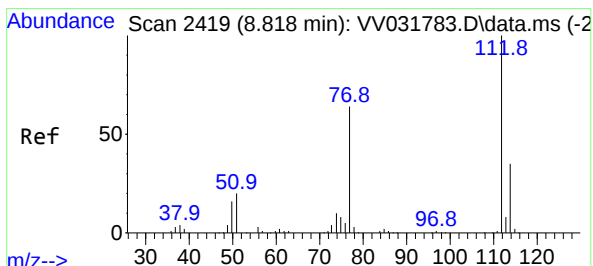
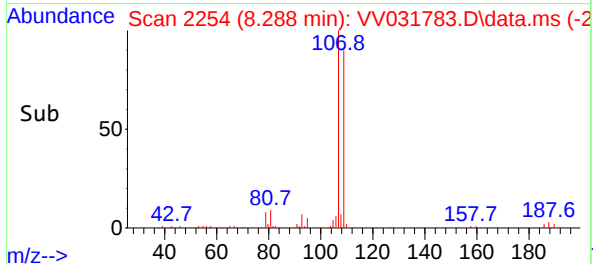
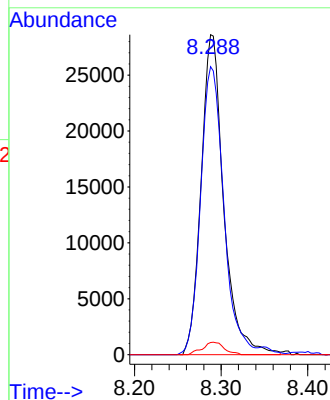
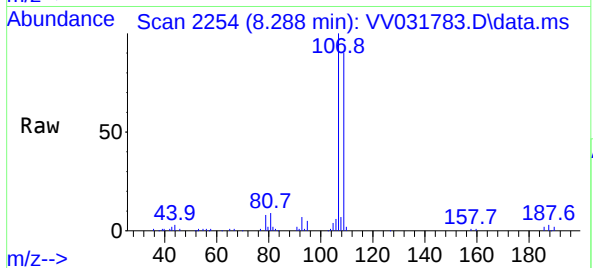




#50
1,2-Dibromoethane
Concen: 4.867 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

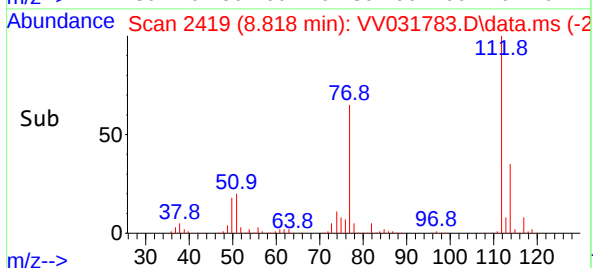
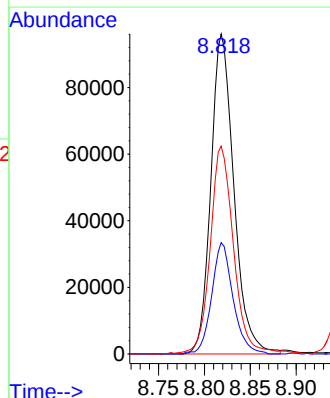
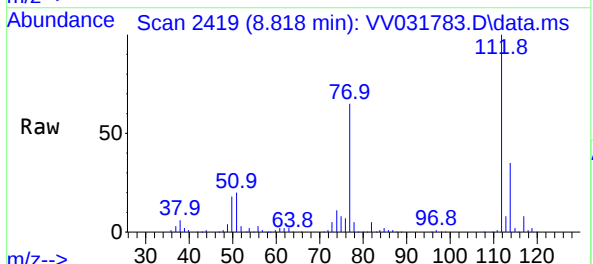
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

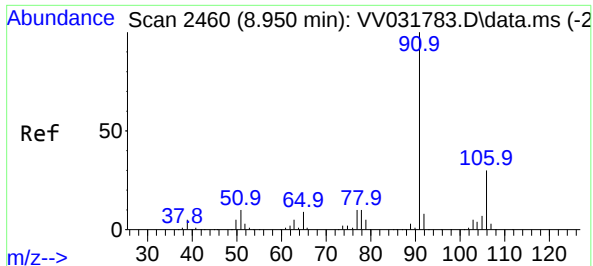
Tgt Ion:107 Resp: 51799
Ion Ratio Lower Upper
107 100
109 90.0 67.6 125.6
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 4.935 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:112 Resp: 167748
Ion Ratio Lower Upper
112 100
114 32.3 21.6 40.2
77 60.3 54.2 81.4

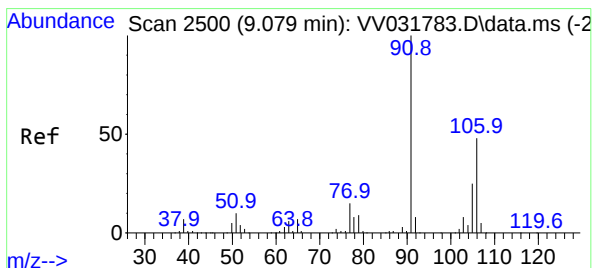
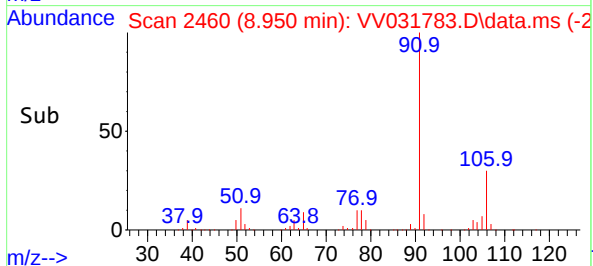
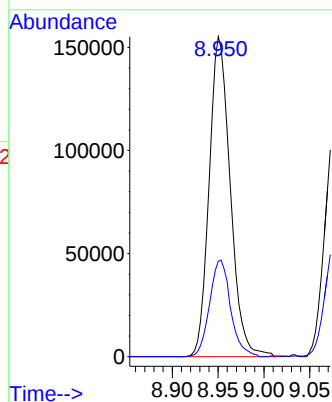
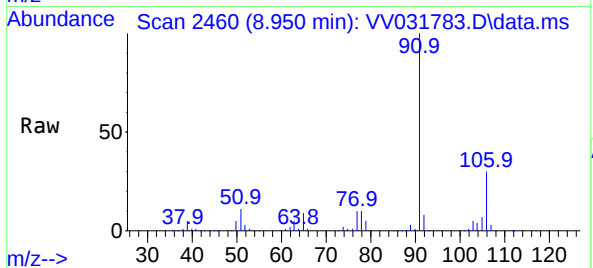




#52
Ethylbenzene
Concen: 4.870 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

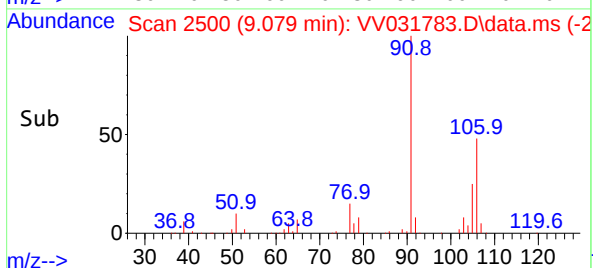
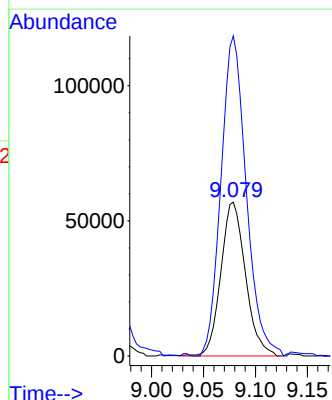
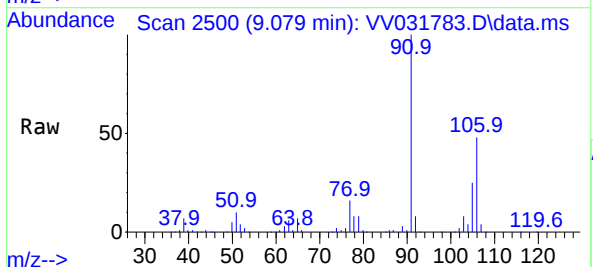
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

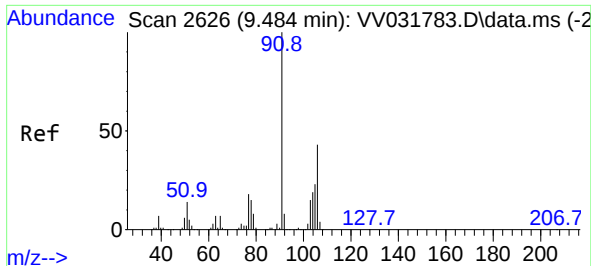
Tgt Ion: 91 Resp: 248834
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 4.972 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:106 Resp: 93900
Ion Ratio Lower Upper
106 100
91 208.1 149.9 278.3

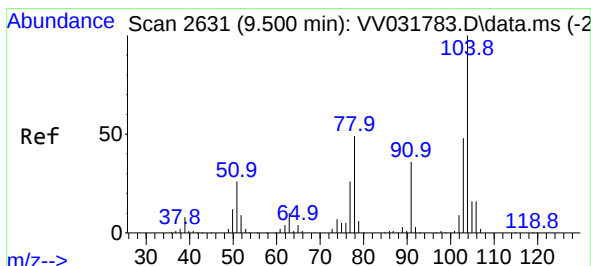
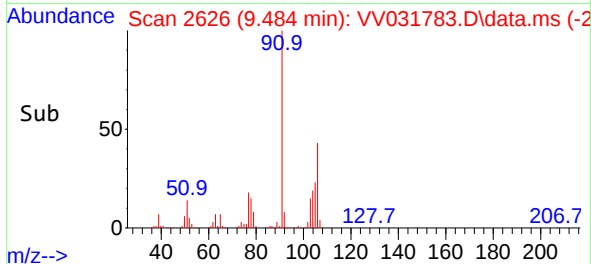
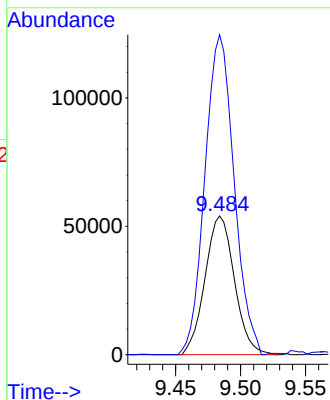
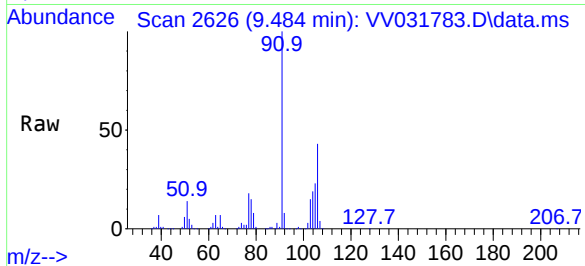




#54
o-Xylene
Concen: 4.854 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

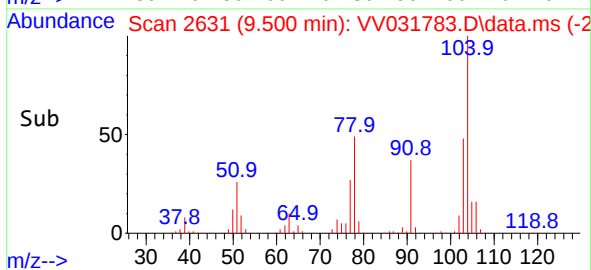
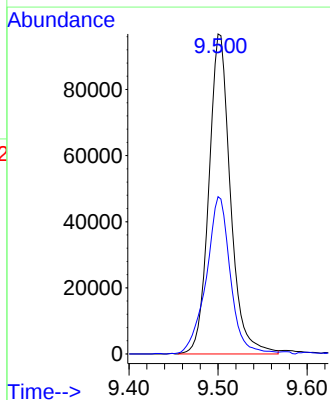
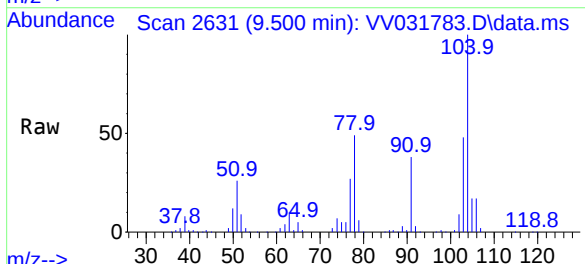
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

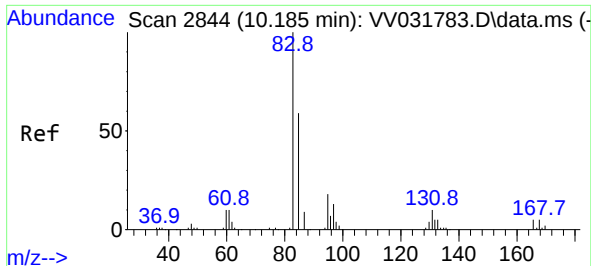
Tgt Ion:106 Resp: 85028
Ion Ratio Lower Upper
106 100
91 230.6 166.7 309.5



#55
Styrene
Concen: 4.927 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:104 Resp: 162862
Ion Ratio Lower Upper
104 100
78 49.1 35.3 65.5

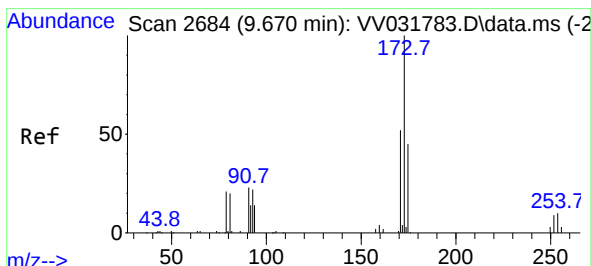
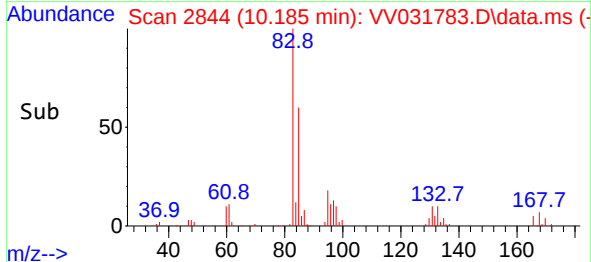
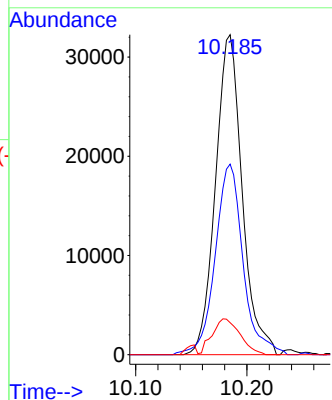
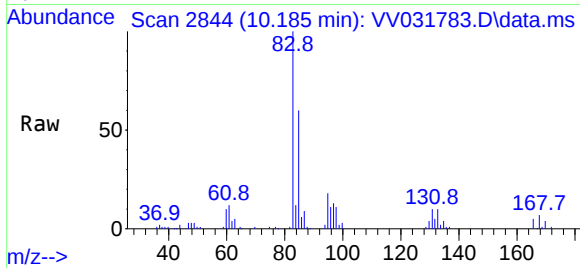




#57
1,1,2,2-Tetrachloroethane
Concen: 4.457 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

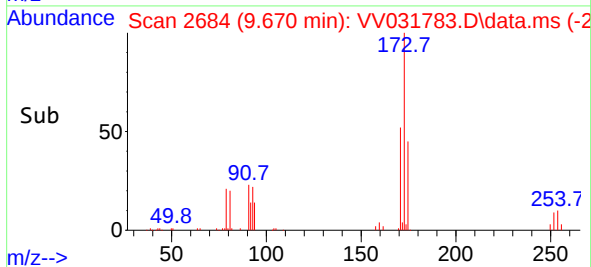
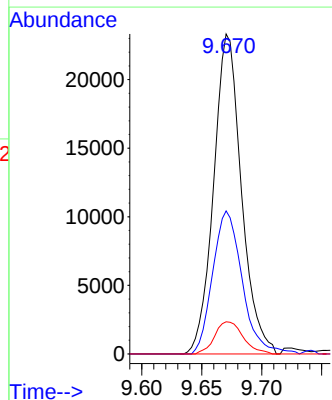
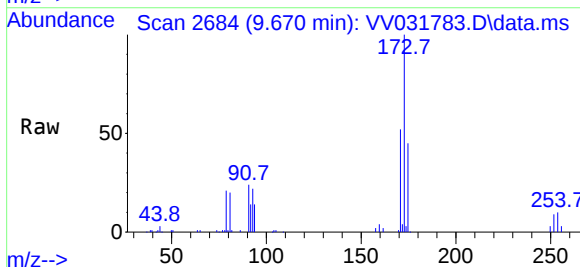
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

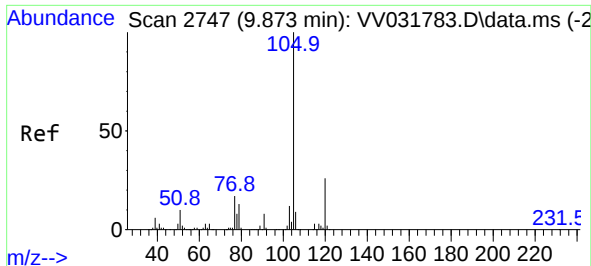
Tgt Ion:	83	Resp:	53678
Ion	Ratio	Lower	Upper
83	100		
85	59.6	48.6	90.2
131	10.0	7.0	10.6



#59
Bromoform
Concen: 4.688 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:	173	Resp:	37553
Ion	Ratio	Lower	Upper
173	100		
175	47.5	40.2	60.4
254	10.4	6.4	9.6#

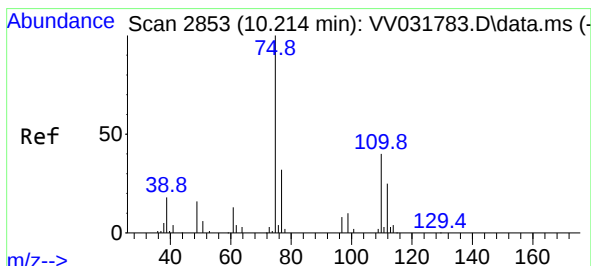
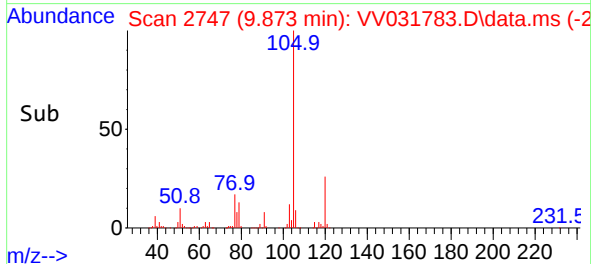
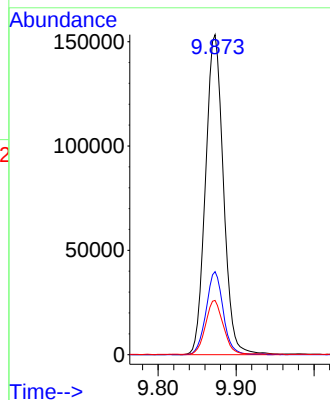
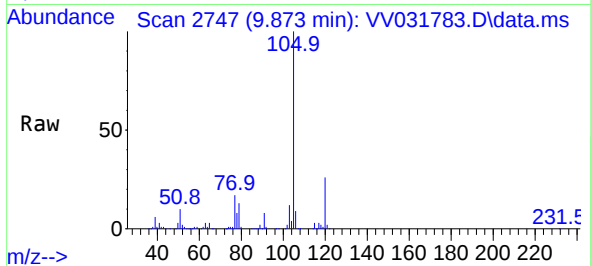




#60
Isopropylbenzene
Concen: 4.604 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

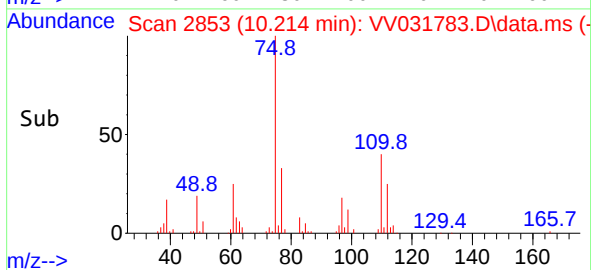
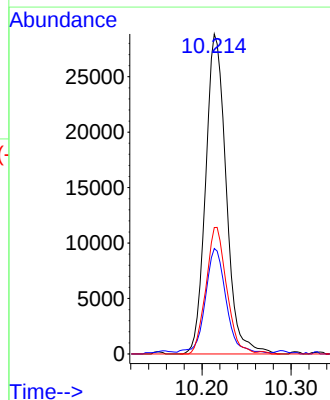
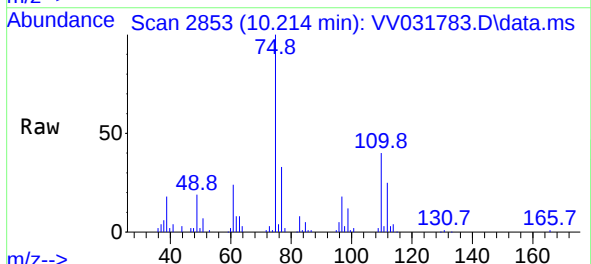
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

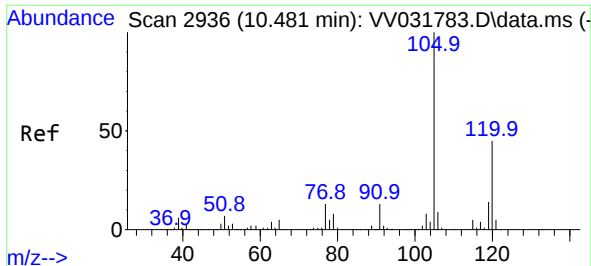
Tgt Ion:105 Resp: 244711
Ion Ratio Lower Upper
105 100
120 24.8 20.0 30.0
77 16.6 14.2 21.4



#61
1,2,3-Trichloropropane
Concen: 4.337 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion: 75 Resp: 46259
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 39.7 28.6 42.8

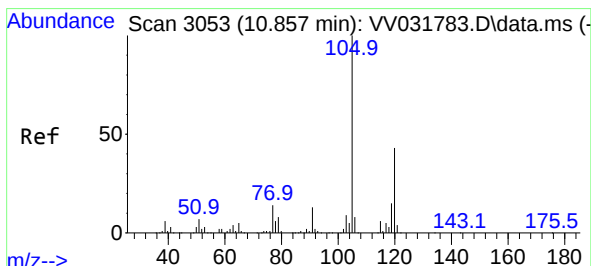
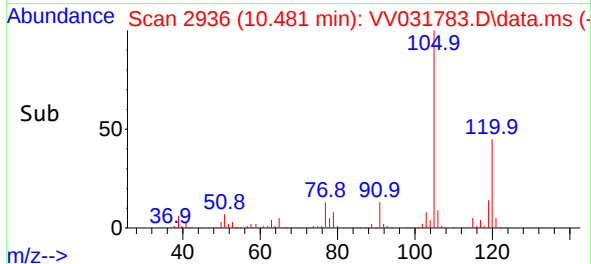
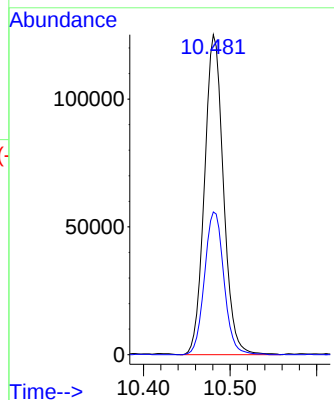
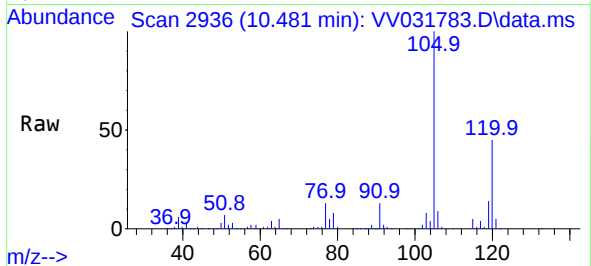




#62
1,3,5-Trimethylbenzene
Concen: 4.441 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

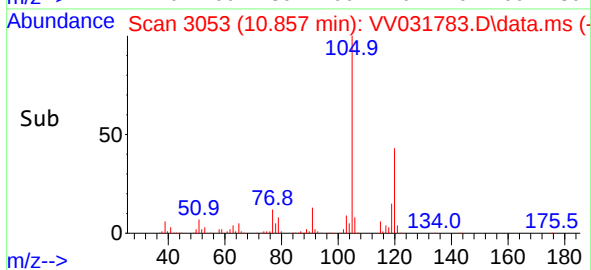
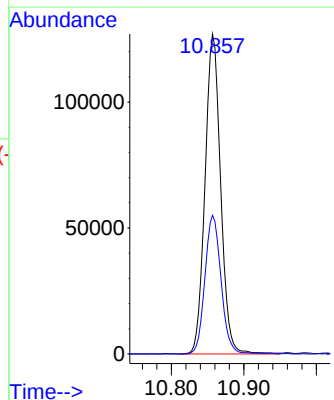
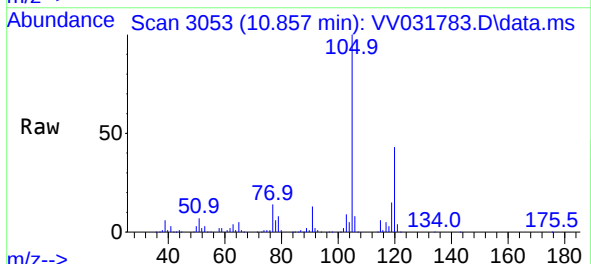
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

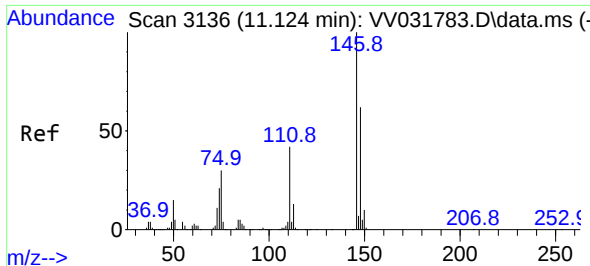
Tgt Ion:105 Resp: 190445
Ion Ratio Lower Upper
105 100
120 45.6 36.2 54.4



#63
1,2,4-Trimethylbenzene
Concen: 4.445 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:105 Resp: 190243
Ion Ratio Lower Upper
105 100
120 44.7 33.4 50.0

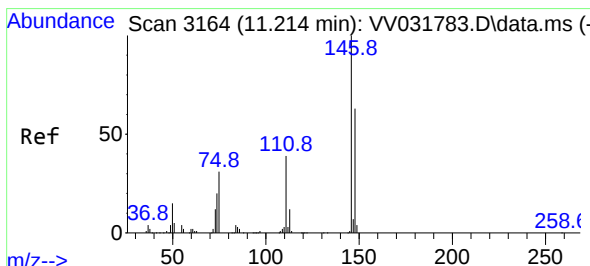
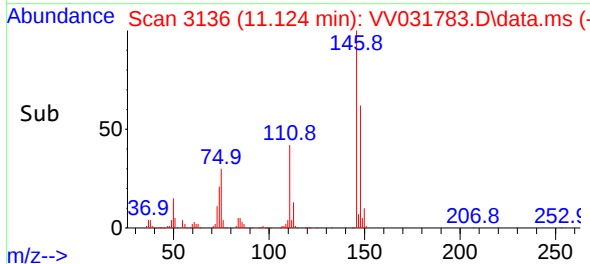
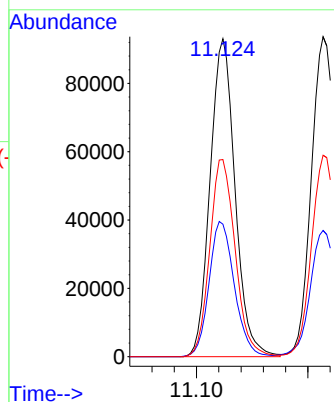
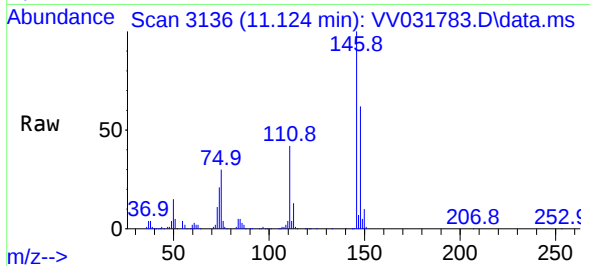




#64
1,3-Dichlorobenzene
Concen: 5.054 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

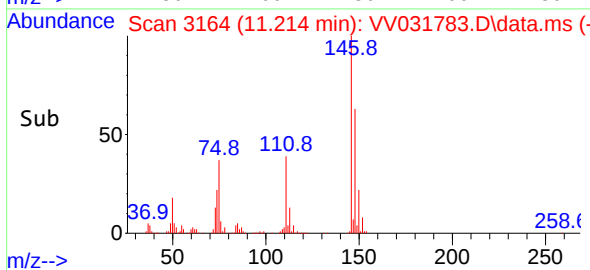
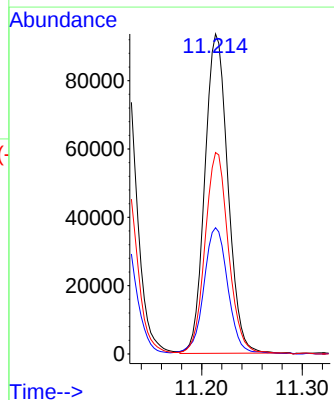
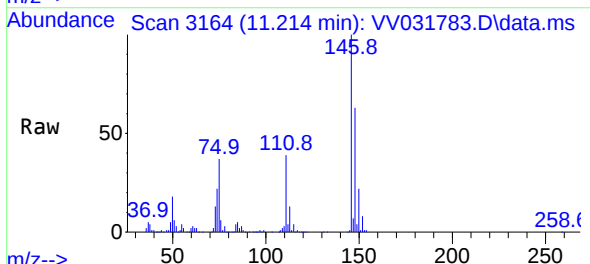
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

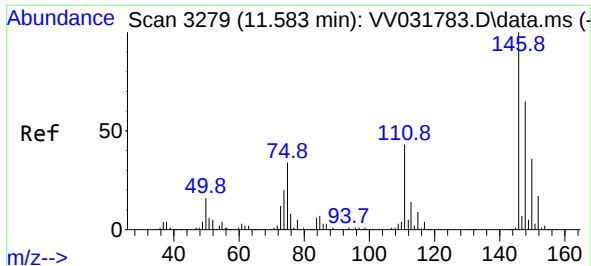
Tgt Ion:146 Resp: 144776
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.4
148 62.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.912 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:146 Resp: 148916
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 62.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.046 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031783.D

Acq: 08 Aug 2023 08:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

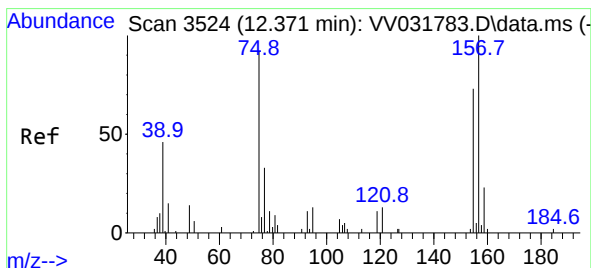
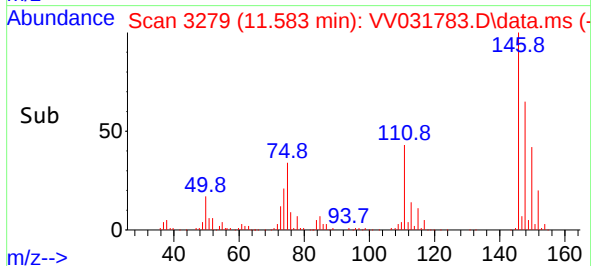
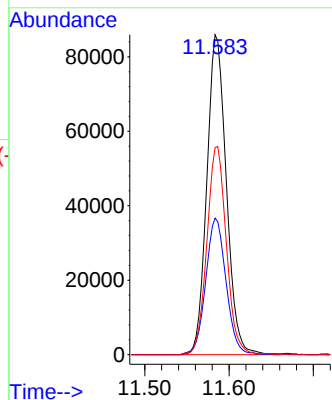
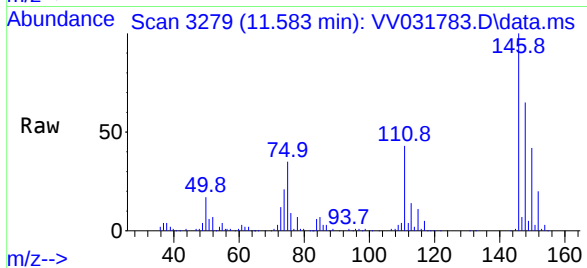
Tgt Ion:146 Resp: 138514

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.4

148 64.7 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.643 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031783.D

Acq: 08 Aug 2023 08:59

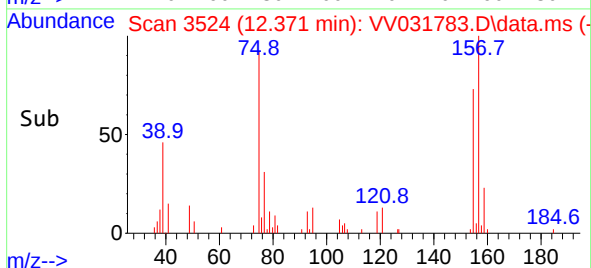
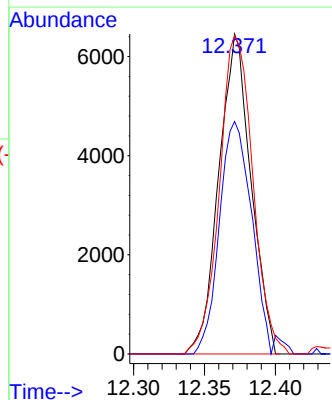
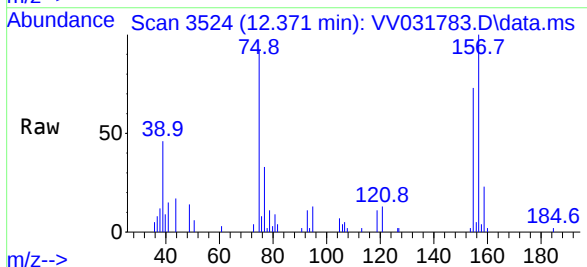
Tgt Ion: 75 Resp: 10176

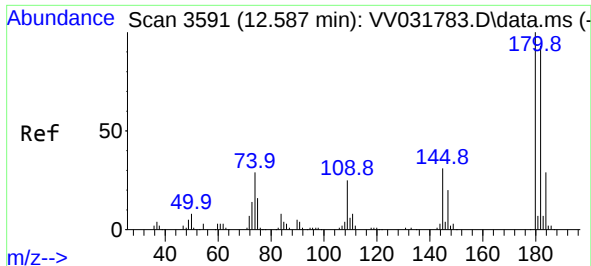
Ion Ratio Lower Upper

75 100

155 72.6 61.4 92.0

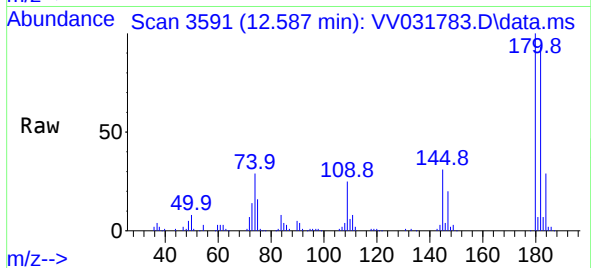
157 99.4 82.8 124.2





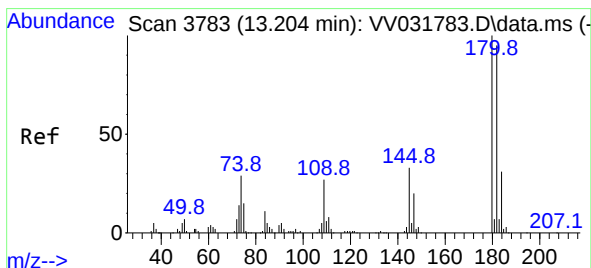
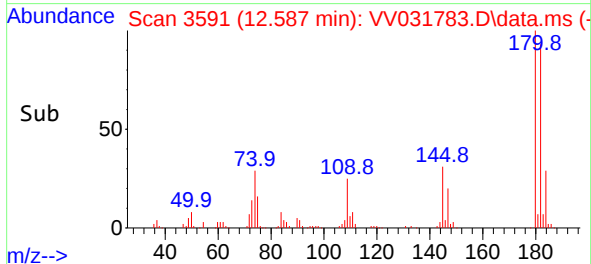
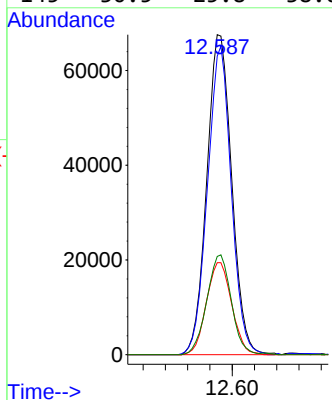
#69
 1,3,5-Trichlorobenzene
 Concen: 5.012 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

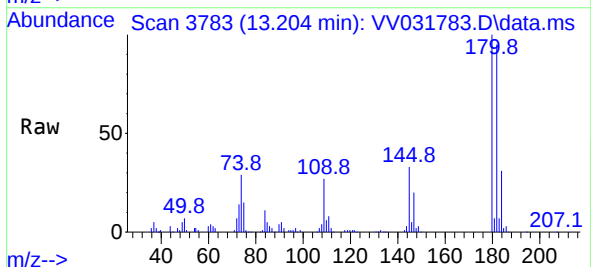


Tgt Ion:180 Resp: 105001

Ion	Ratio	Lower	Upper
180	100		
182	92.1	78.3	117.5
184	29.2	24.5	36.7
145	30.5	25.8	38.6

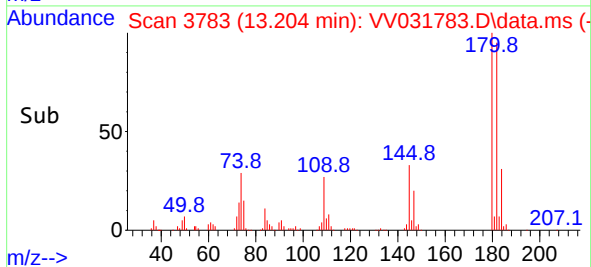
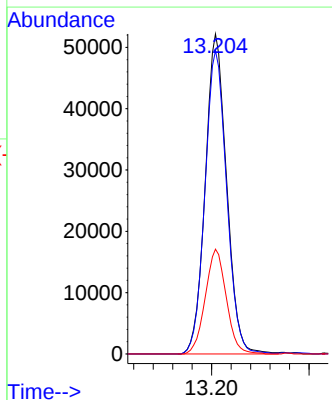


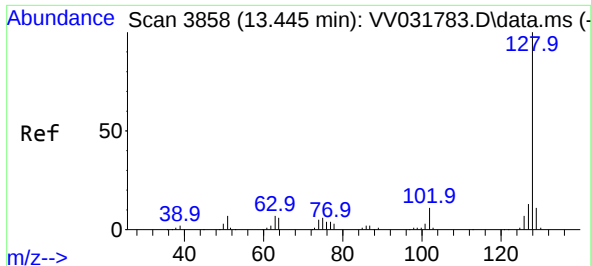
#70
 1,2,4-trichlorobenzene
 Concen: 4.786 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: VV031783.D
 Acq: 08 Aug 2023 08:59



Tgt Ion:180 Resp: 79444

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	32.3	26.2	39.4

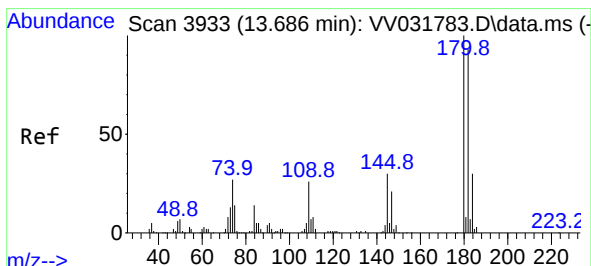
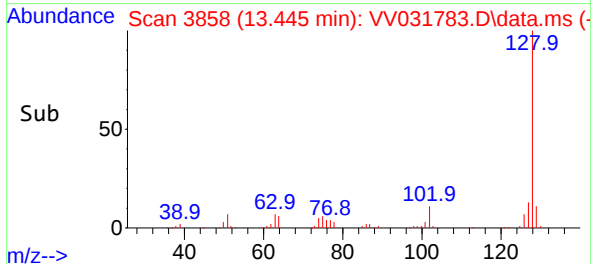
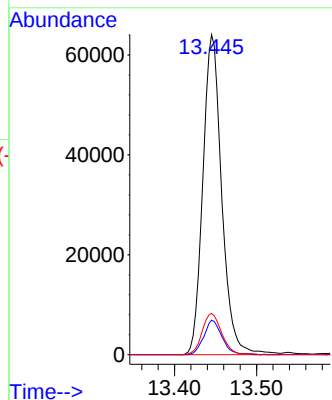
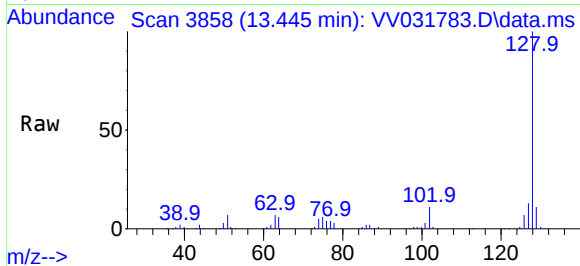




#71
Naphthalene
Concen: 3.820 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion:128 Resp: 102303
Ion Ratio Lower Upper
128 100
129 10.4 9.1 13.7
127 13.4 11.6 17.4



#72
1,2,3-Trichlorobenzene
Concen: 4.840 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.000 min
Lab File: VV031783.D
Acq: 08 Aug 2023 08:59

Tgt Ion:180 Resp: 74192
Ion Ratio Lower Upper
180 100
182 91.8 74.6 111.8
145 31.7 27.4 41.0

