

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076704.D
 Acq On : 03 Jul 2023 20:28
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025170

Quant Time: Jul 04 01:12:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	260116	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	232178	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	97243	15.351	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.400%		
7) Chloroethane-d5	2.793	69	87667	17.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.480%		
11) 1,1-Dichloroethene-d2	3.911	65	32670	19.758	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.040%		
21) 2-Butanone-d5	6.981	46	20063	20.913	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	41.820%		
24) Chloroform-d	7.563	84	155342	22.668	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	8.228	65	79041	23.380	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.520%		
32) Benzene-d6	8.199	84	285509	20.102	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	9.205	67	86961	19.182	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.720%		
41) Toluene-d8	10.269	98	264647	20.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.480%		
43) trans-1,3-Dichloroprop...	10.522	79	37931	20.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.480%		
47) 2-Hexanone-d5	10.875	63	11888	16.893	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	33.780%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71336	22.117	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.480%		
66) 1,2-Dichlorobenzene-d4	13.810	152	85928	21.093	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	97316	24.010	ug/L	99
3) Chloromethane	2.140	50	134276	19.928	ug/L	98
5) Vinyl chloride	2.281	62	138587	19.066	ug/L	98
6) Bromomethane	2.687	94	69524	17.268	ug/L	93
8) Chloroethane	2.834	64	85895	19.291	ug/L	94
9) Trichlorofluoromethane	3.170	101	137704	26.201	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	82021	24.059	ug/L	99
12) 1,1-Dichloroethene	3.928	96	75831	22.463	ug/L	96
13) Acetone	4.017	43	31633	40.824	ug/L	93
14) Carbon disulfide	4.264	76	252930	20.669	ug/L	99
15) Methyl Acetate	4.558	43	85146	48.136	ug/L	100
16) Methylene chloride	4.793	84	91249	20.183	ug/L	79
17) trans-1,2-Dichloroethene	5.305	96	86460	22.972	ug/L	93
18) Methyl tert-butyl Ether	5.311	73	193970	22.638	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	150798	21.915	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	94656	22.520	ug/L	97
22) 2-Butanone	7.081	43	25833	20.659	ug/L	93
23) Bromochloromethane	7.422	128	42222	23.668	ug/L #	84
25) Chloroform	7.593	83	160814	23.947	ug/L	99

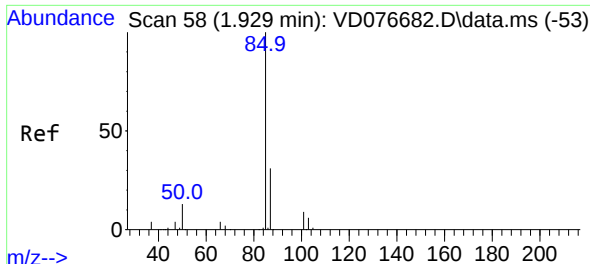
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104853	25.389	ug/L	99
29) Cyclohexane	7.869	56	123147	19.946	ug/L	91
30) 1,1,1-Trichloroethane	7.787	97	140228	25.998	ug/L	99
31) Carbon tetrachloride	7.987	117	117930	27.339	ug/L	95
33) Benzene	8.246	78	337422	21.958	ug/L	100
34) Trichloroethene	9.022	95	94512	23.943	ug/L	95
35) Methylcyclohexane	9.269	83	138051	21.688	ug/L	97
37) 1,2-Dichloropropane	9.305	63	87937	20.990	ug/L	98
38) Bromodichloromethane	9.581	83	117328	24.554	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	134838	21.078	ug/L	95
40) 4-Methyl-2-pentanone	10.163	43	100869	38.704	ug/L	97
42) Toluene	10.334	91	367467	22.378	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	112230	21.584	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	65583	22.823	ug/L	92
46) Tetrachloroethene	10.810	164	67031	21.600	ug/L	96
48) 2-Hexanone	10.922	43	32580	18.253	ug/L	97
49) Dibromochloromethane	11.075	129	80401	24.620	ug/L	99
50) 1,2-Dibromoethane	11.181	107	65312	23.417	ug/L	90
51) Chlorobenzene	11.604	112	228261	22.265	ug/L	99
52) Ethylbenzene	11.681	91	399757	22.586	ug/L	98
53) m,p-Xylene	11.793	106	149849	21.543	ug/L	94
54) o-Xylene	12.122	106	146595	22.135	ug/L	98
55) Styrene	12.134	104	248522	21.720	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	70831	21.568	ug/L #	99
59) Bromoform	12.298	173	47916	24.083	ug/L	96
60) Isopropylbenzene	12.422	105	389792	22.929	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	53258	24.691	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	307228	22.588	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	301407	22.457	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	167740	22.179	ug/L	90
65) 1,4-Dichlorobenzene	13.540	146	171960	22.556	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	151666	22.511	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	11481	23.884	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	112281	22.258	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	94690	21.096	ug/L	99
71) Naphthalene	15.328	128	195522	22.752	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	85542	21.946	ug/L	98

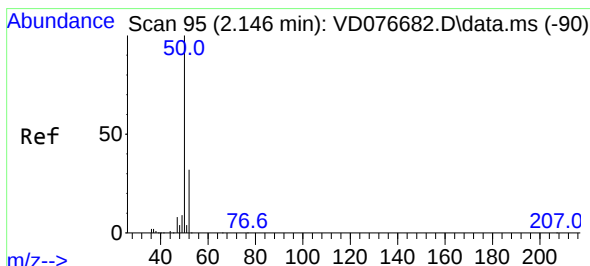
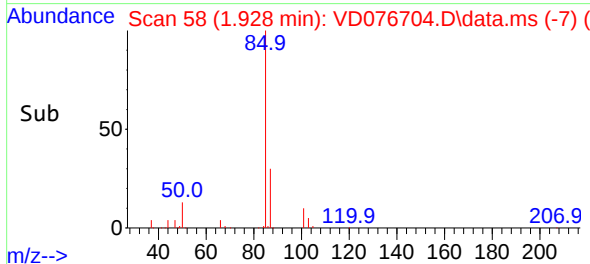
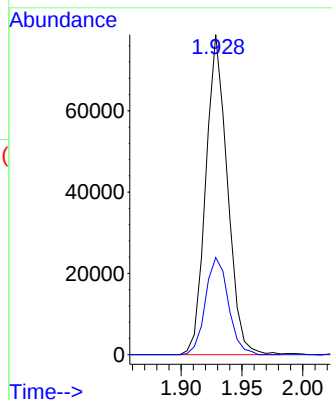
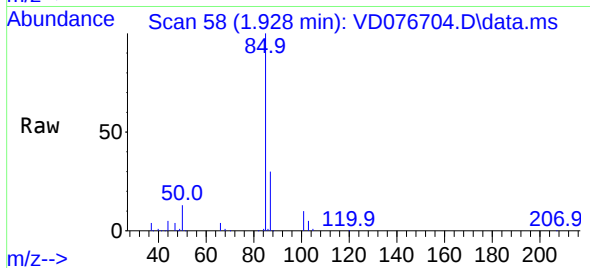
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#2
Dichlorodifluoromethane
Concen: 24.010 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

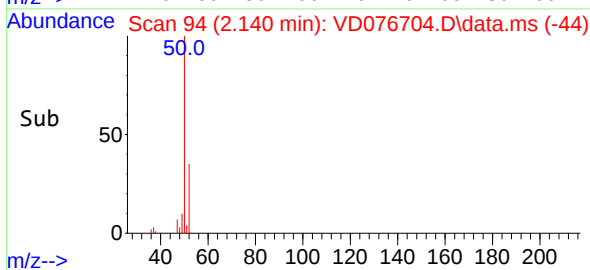
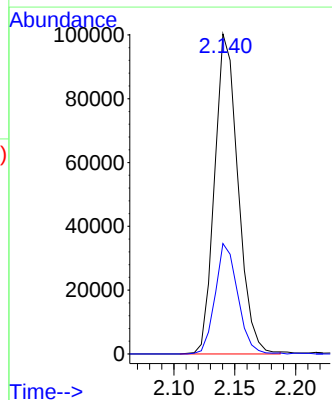
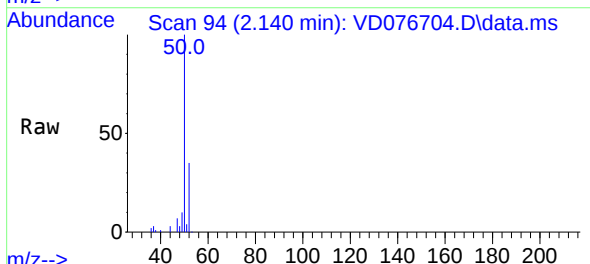
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

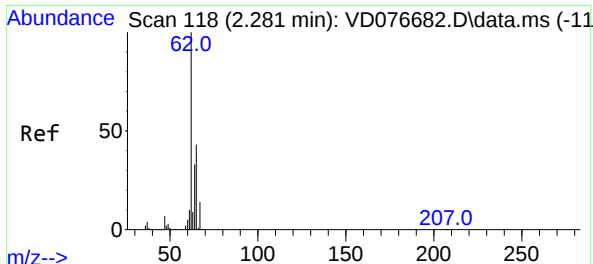
Tgt Ion: 85 Resp: 97316
Ion Ratio Lower Upper
85 100
87 32.1 26.3 39.5



#3
Chloromethane
Concen: 19.928 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 50 Resp: 134276
Ion Ratio Lower Upper
50 100
52 34.5 23.2 43.2

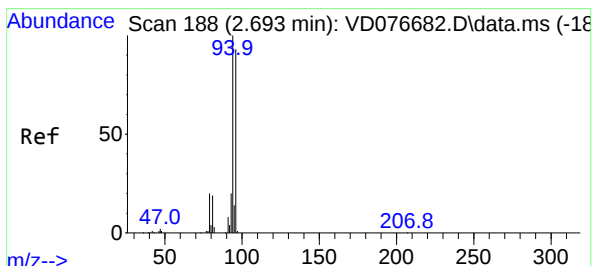
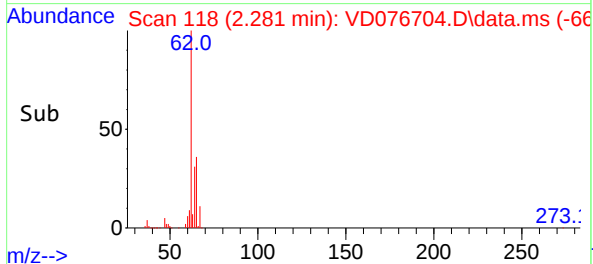
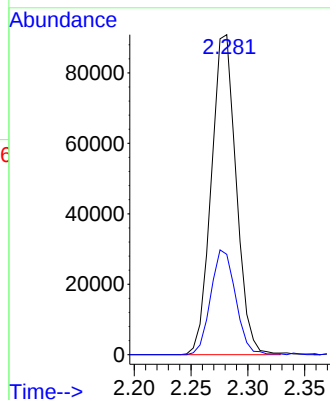
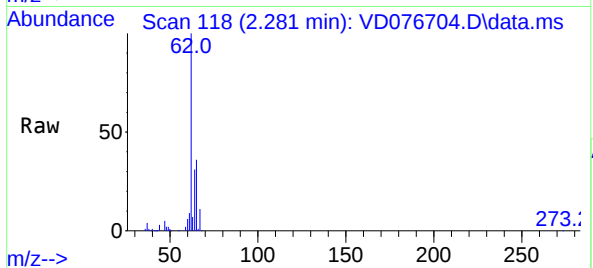




#5
Vinyl chloride
Concen: 19.066 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

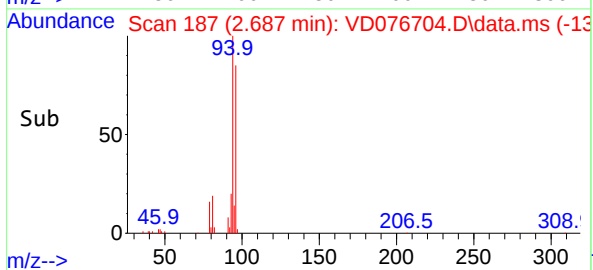
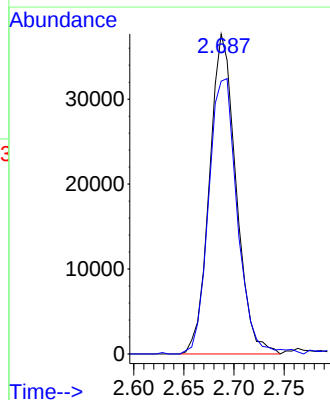
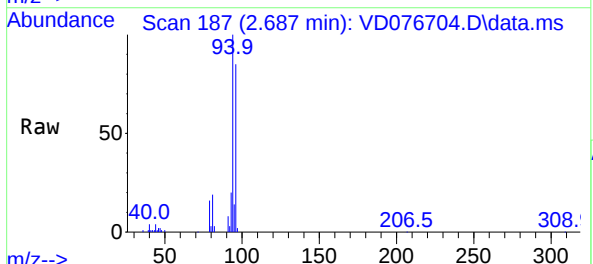
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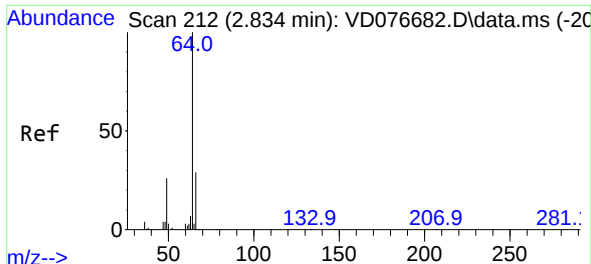
Tgt Ion: 62 Resp: 138587
Ion Ratio Lower Upper
62 100
64 31.3 21.1 39.1



#6
Bromomethane
Concen: 17.268 ug/L
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 94 Resp: 69524
Ion Ratio Lower Upper
94 100
96 85.2 64.7 120.1

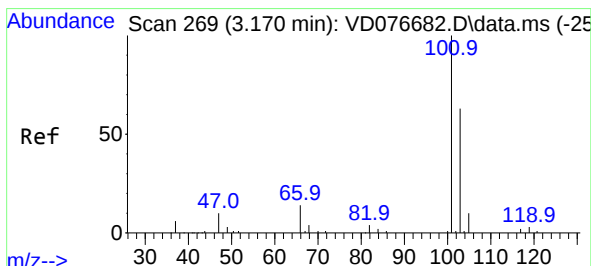
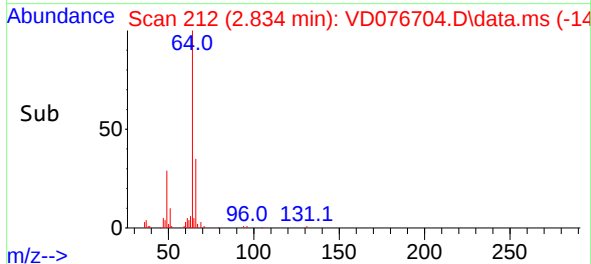
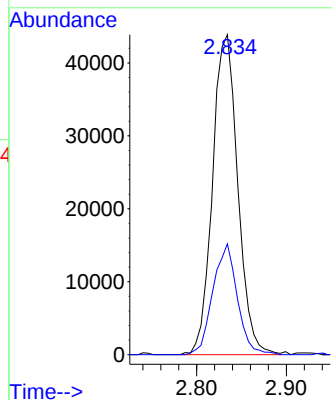
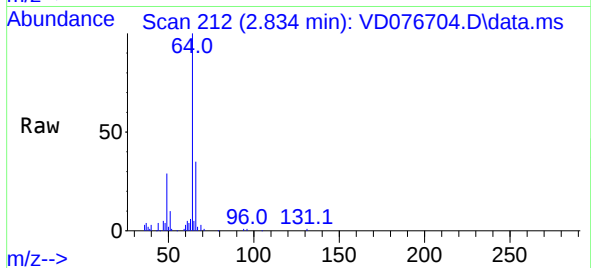




#8
Chloroethane
Concen: 19.291 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

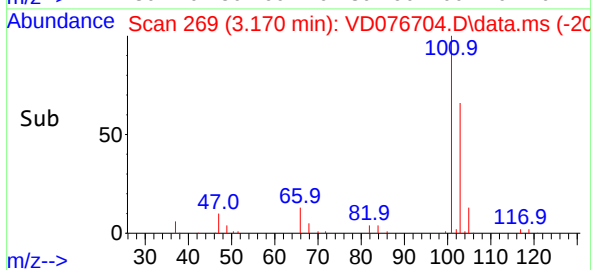
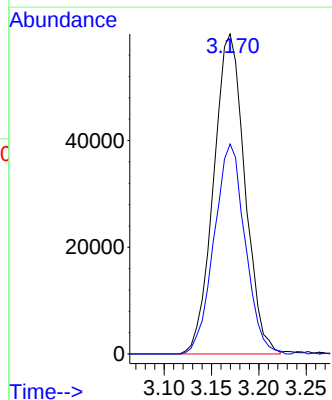
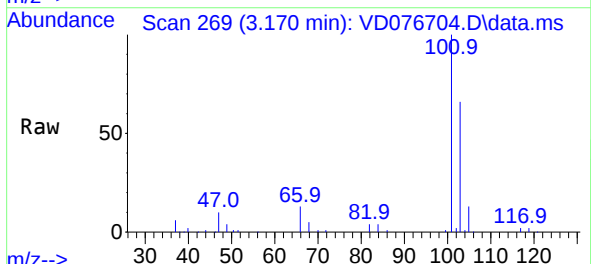
Instrument :
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ClientSampleId :
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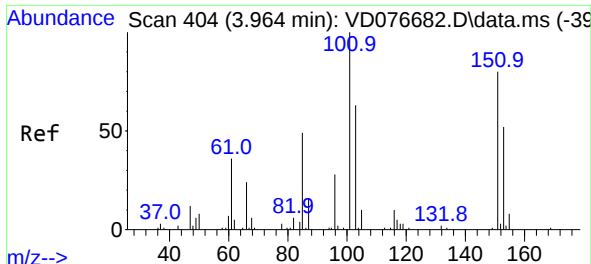
Tgt Ion: 64 Resp: 85895
Ion Ratio Lower Upper
64 100
66 34.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 26.201 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:101 Resp: 137704
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

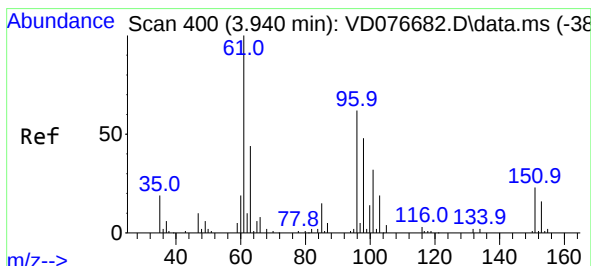
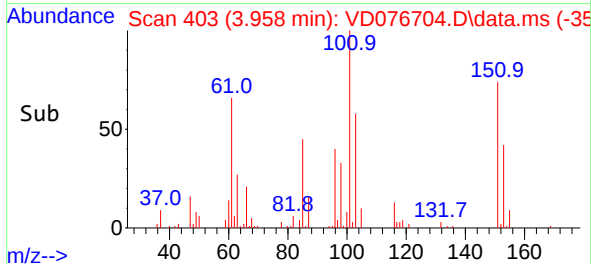
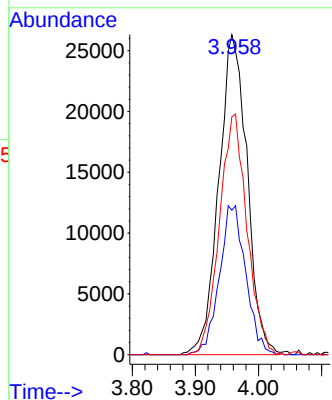
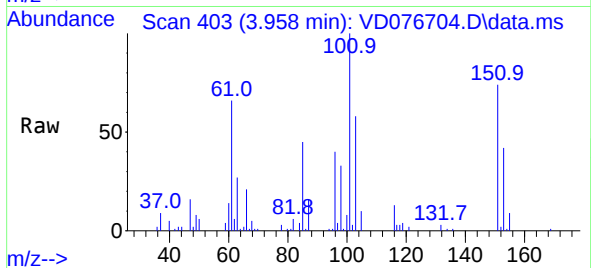




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.059 ug/L
RT: 3.958 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

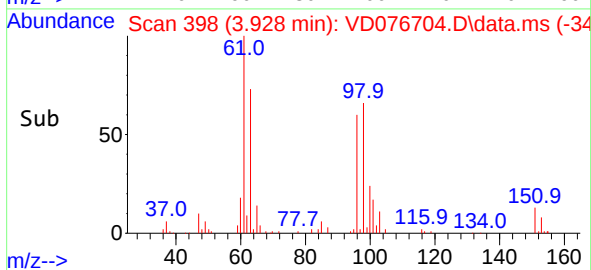
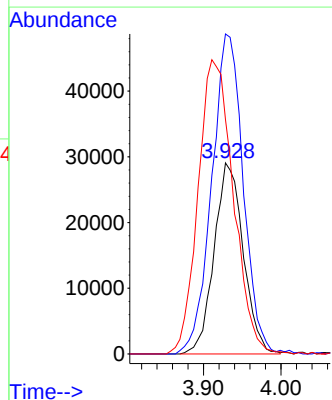
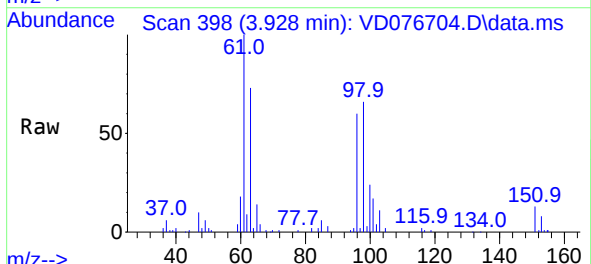
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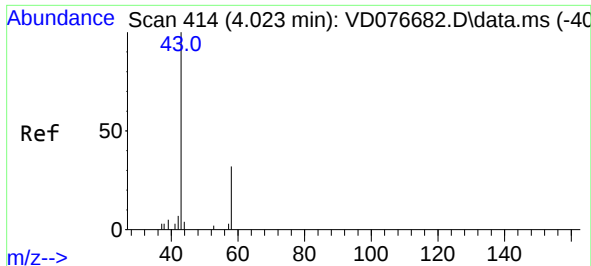
Tgt Ion:	101	Resp:	82021
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.5	53.3
151	73.2	58.6	87.8



#12
1,1-Dichloroethene
Concen: 22.463 ug/L
RT: 3.928 min Scan# 398
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:	96	Resp:	75831
Ion	Ratio	Lower	Upper
96	100		
61	167.5	113.0	209.8
63	122.7	83.6	155.2





#13

Acetone

Concen: 40.824 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

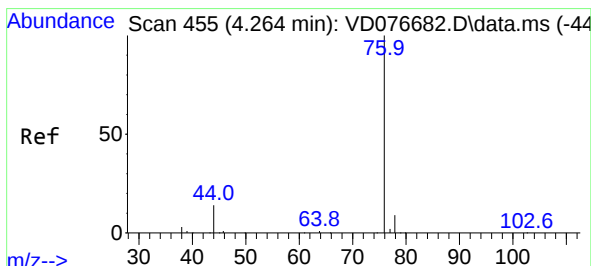
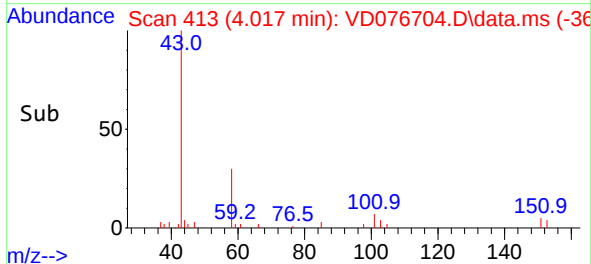
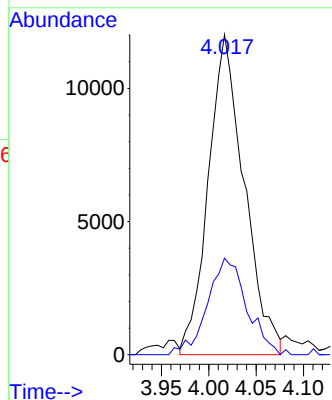
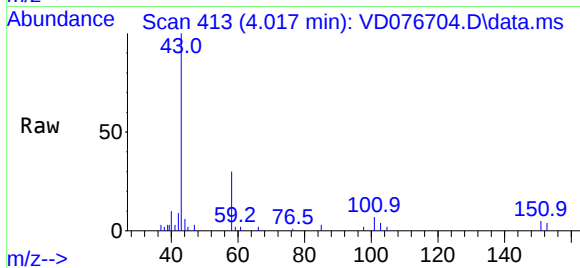
VSTD025170

Tgt Ion: 43 Resp: 31633

Ion Ratio Lower Upper

43 100

58 29.8 0.0 67.4



#14

Carbon disulfide

Concen: 20.669 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD076704.D

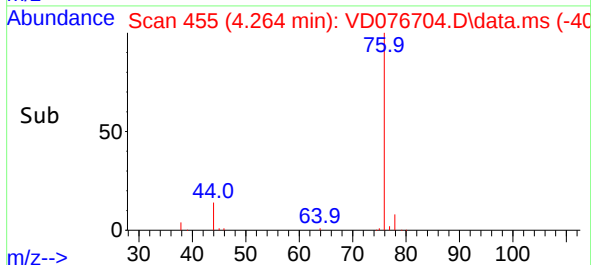
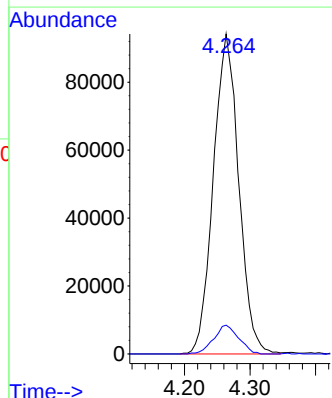
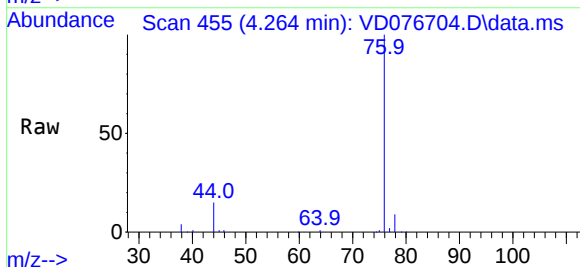
Acq: 03 Jul 2023 20:28

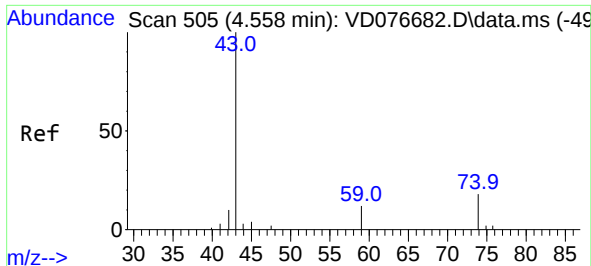
Tgt Ion: 76 Resp: 252930

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

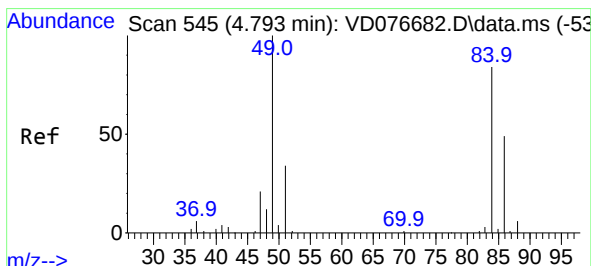
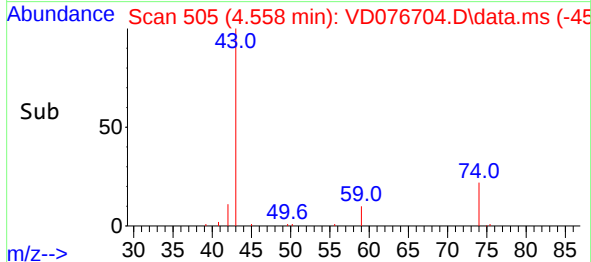
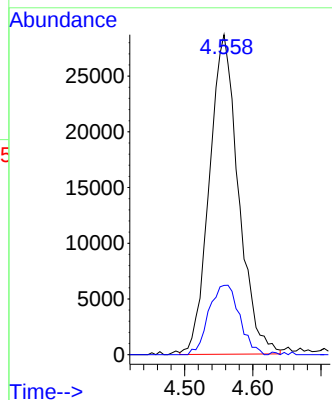
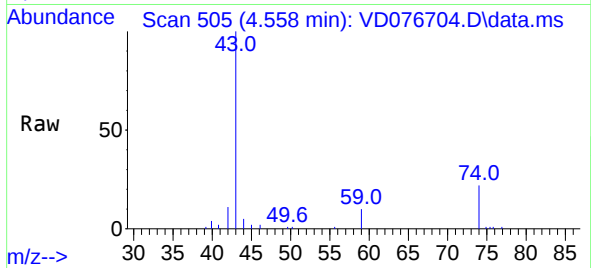




#15
Methyl Acetate
Concen: 48.136 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

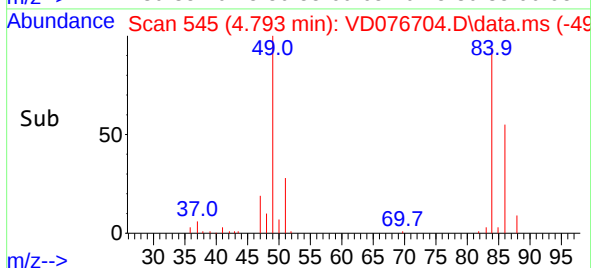
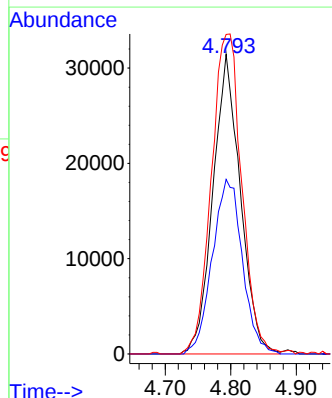
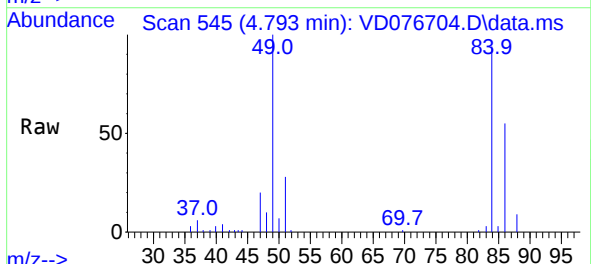
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

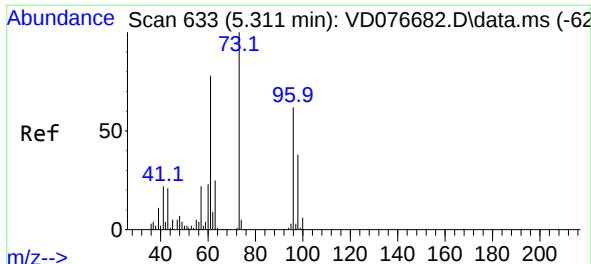
Tgt Ion: 43 Resp: 85146
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2



#16
Methylene chloride
Concen: 20.183 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 84 Resp: 91249
Ion Ratio Lower Upper
84 100
86 58.3 45.1 83.9
49 106.6 97.2 180.6

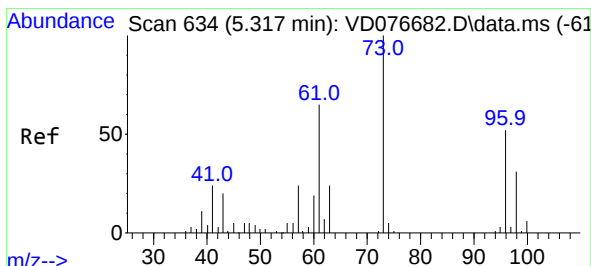
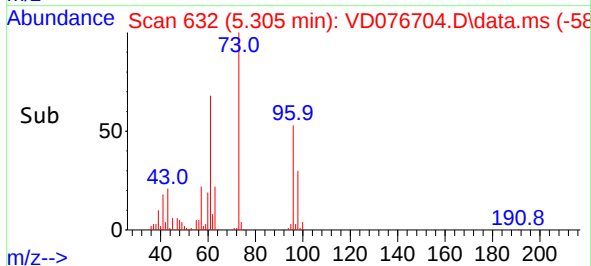
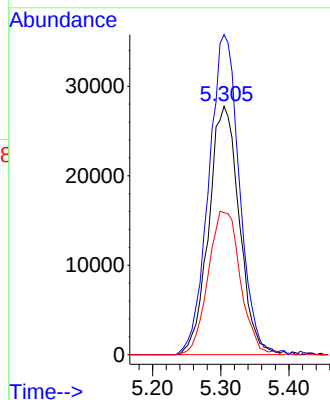
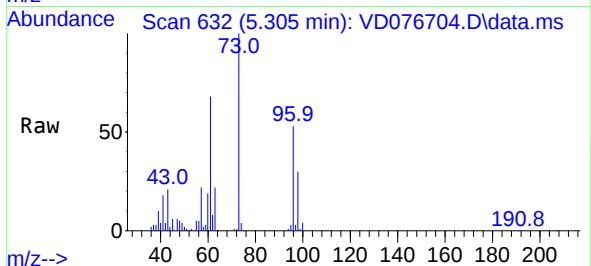




#17
trans-1,2-Dichloroethene
Concen: 22.972 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

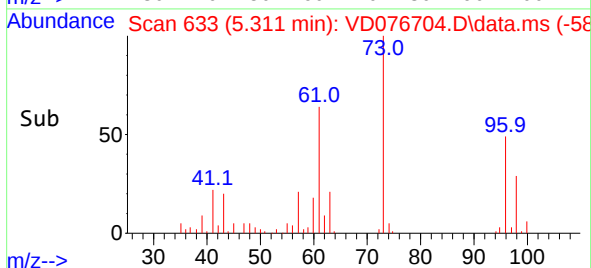
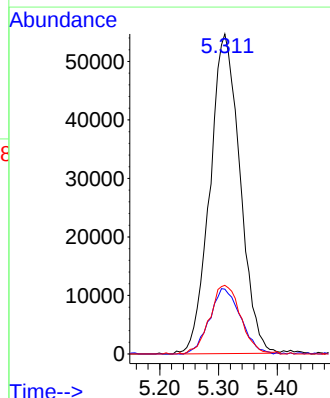
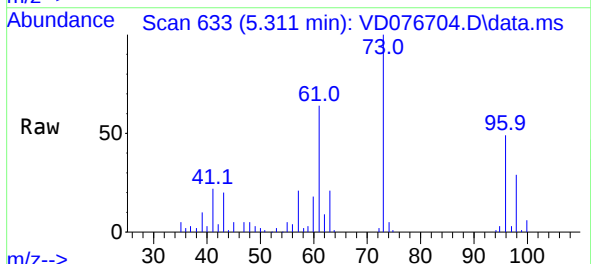
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

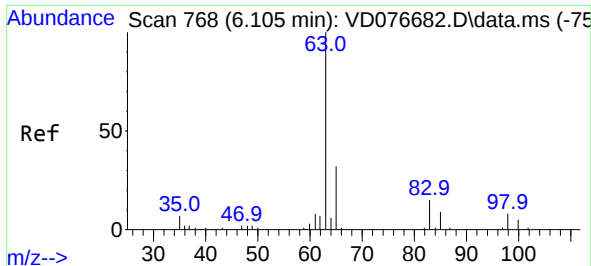
Tgt Ion: 96 Resp: 86460
Ion Ratio Lower Upper
96 100
61 128.8 94.5 175.5
98 57.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 22.638 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 73 Resp: 193970
Ion Ratio Lower Upper
73 100
43 21.1 7.2 10.8#
57 22.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 21.915 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025170

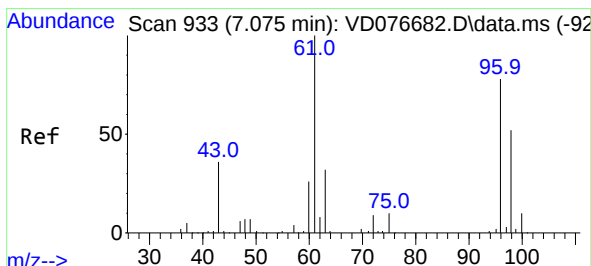
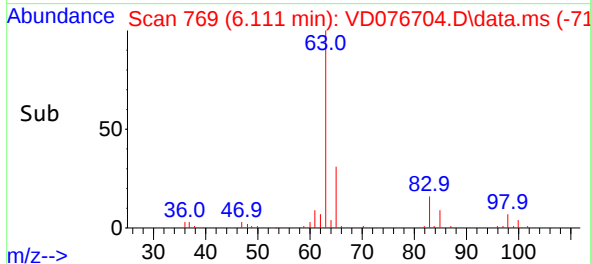
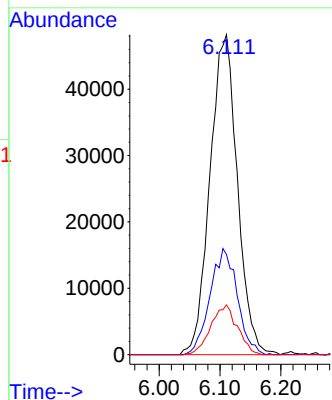
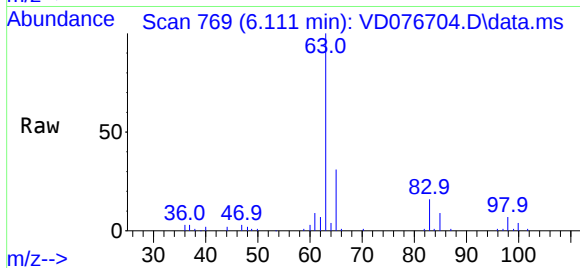
Tgt Ion: 63 Resp: 150798

Ion Ratio Lower Upper

63 100

65 31.4 20.8 38.6

83 15.5 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.520 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

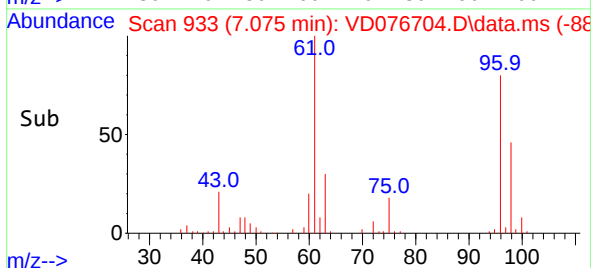
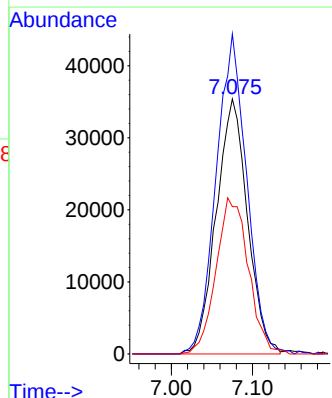
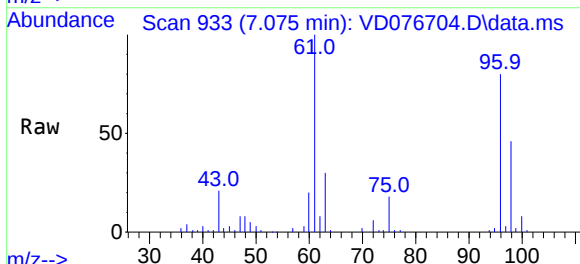
Tgt Ion: 96 Resp: 94656

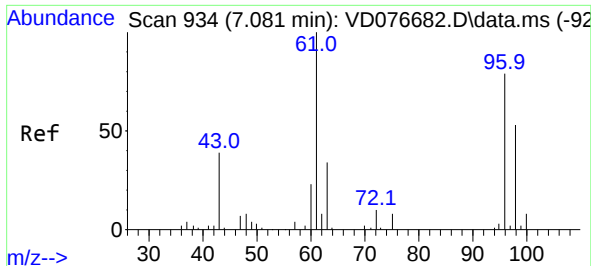
Ion Ratio Lower Upper

96 100

61 125.5 86.0 159.6

98 57.8 42.2 78.4

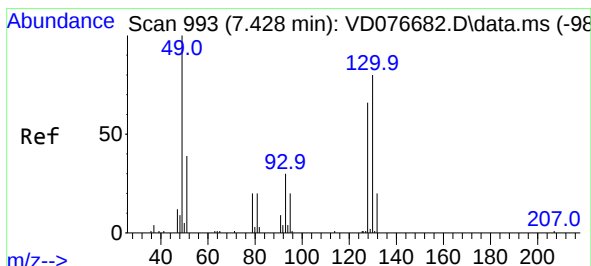
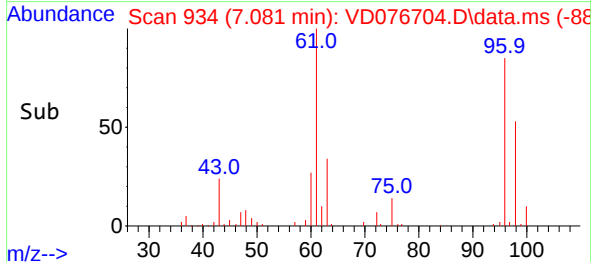
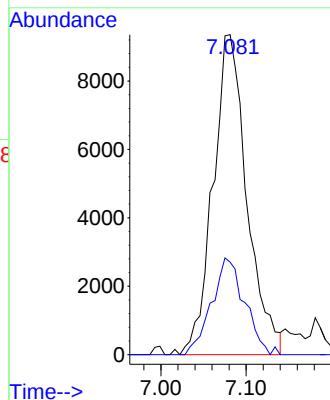
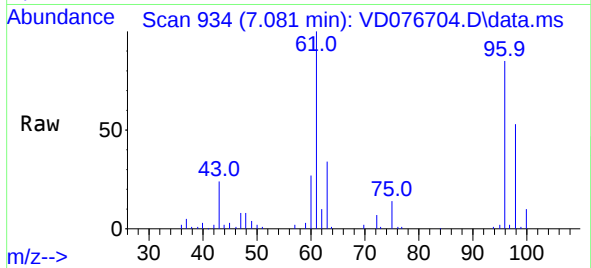




#22
2-Butanone
Concen: 20.659 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

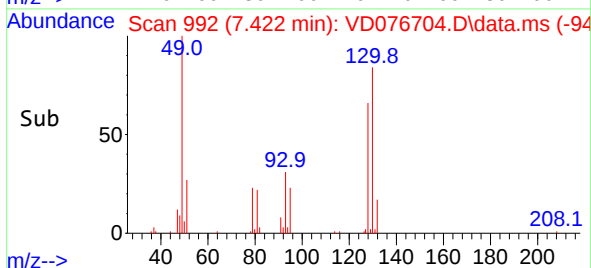
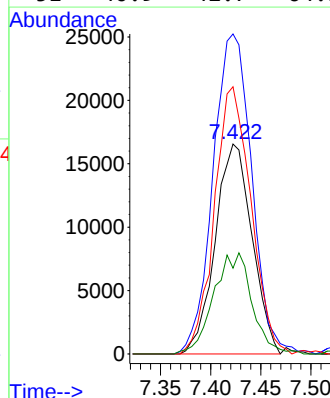
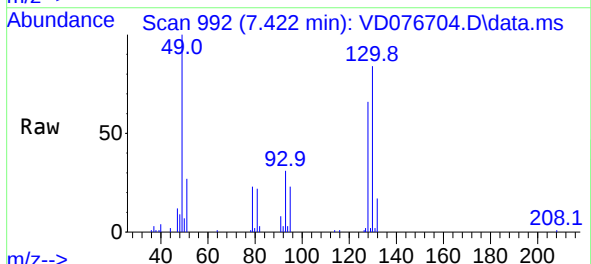
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

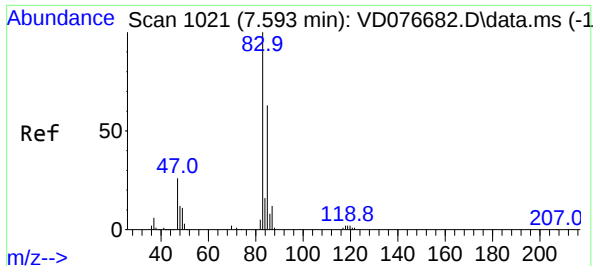
Tgt Ion: 43 Resp: 25833
Ion Ratio Lower Upper
43 100
72 29.3 12.9 38.7



#23
Bromochloromethane
Concen: 23.668 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:128 Resp: 42222
Ion Ratio Lower Upper
128 100
49 152.5 124.7 231.7
130 127.4 80.0 148.6
51 40.9 42.7 64.1#





#25

Chloroform

Concen: 23.947 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

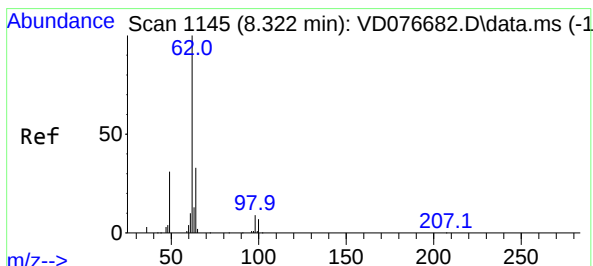
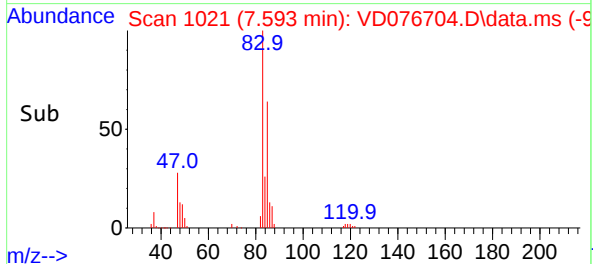
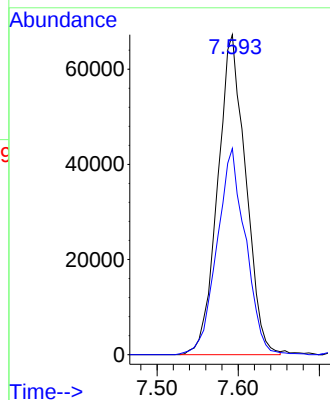
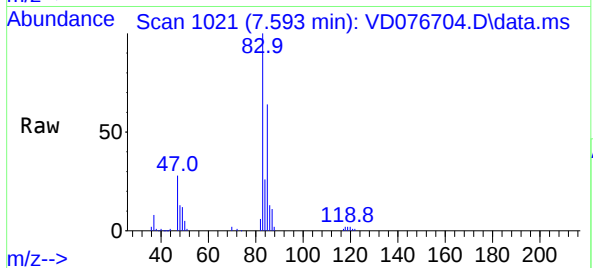
VSTD025170

Tgt Ion: 83 Resp: 160814

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 25.389 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076704.D

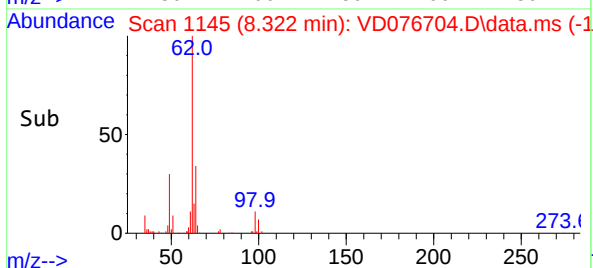
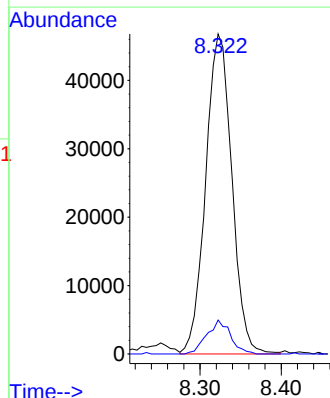
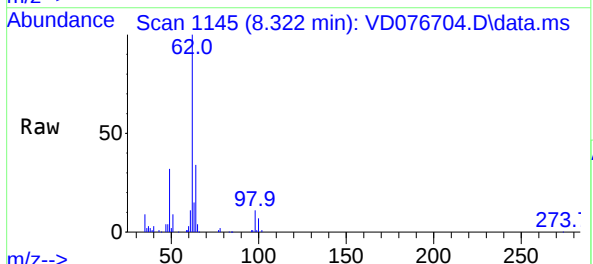
Acq: 03 Jul 2023 20:28

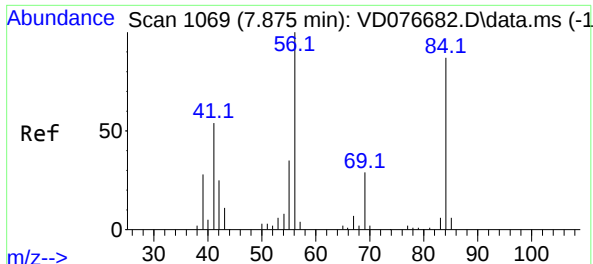
Tgt Ion: 62 Resp: 104853

Ion Ratio Lower Upper

62 100

98 10.6 8.7 13.1





#29

Cyclohexane

Concen: 19.946 ug/L

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025170

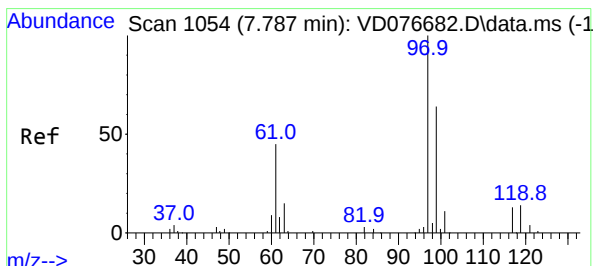
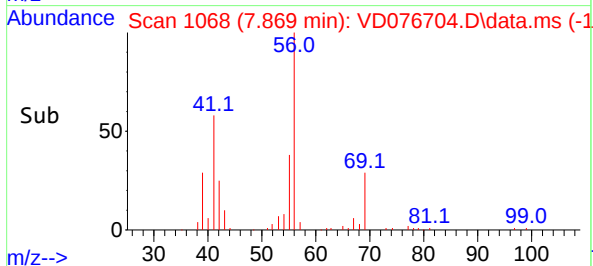
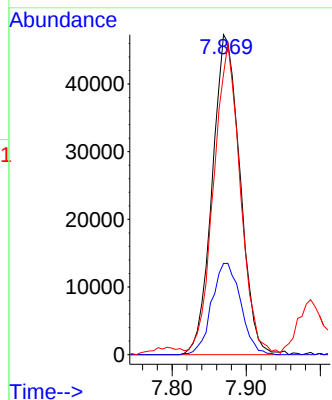
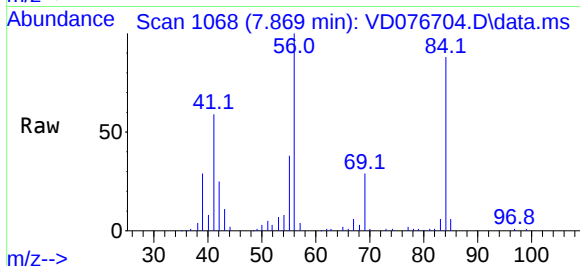
Tgt Ion: 56 Resp: 123147

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.0

84 93.2 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 25.998 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

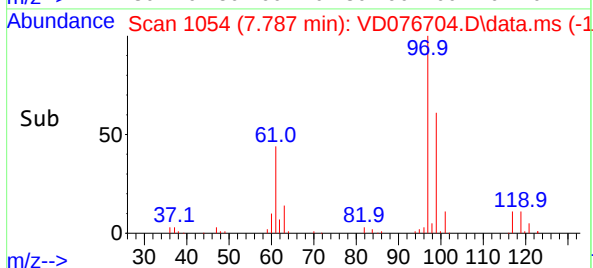
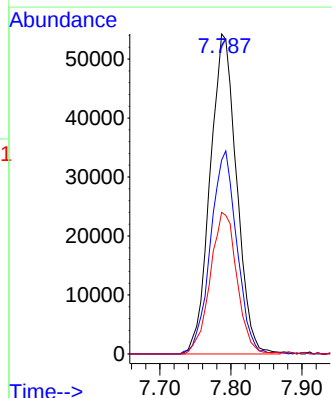
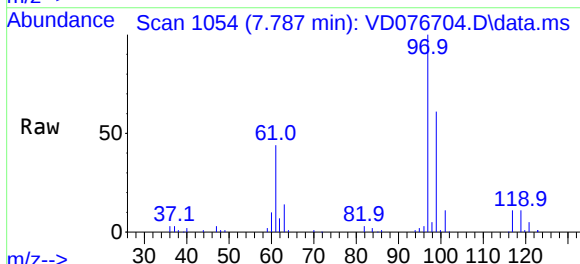
Tgt Ion: 97 Resp: 140228

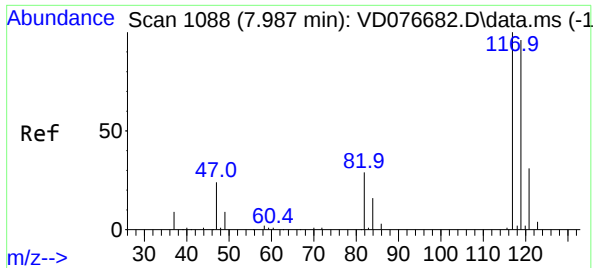
Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 44.6 36.4 54.6

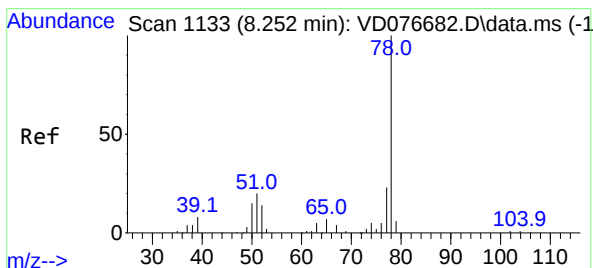
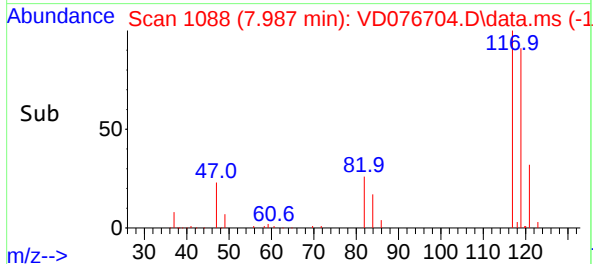
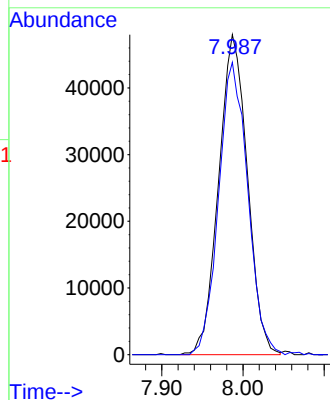
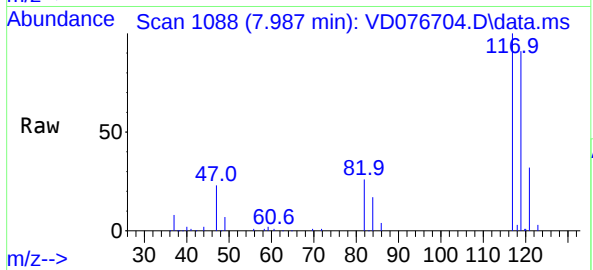




#31
Carbon tetrachloride
Concen: 27.339 ug/L
RT: 7.987 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

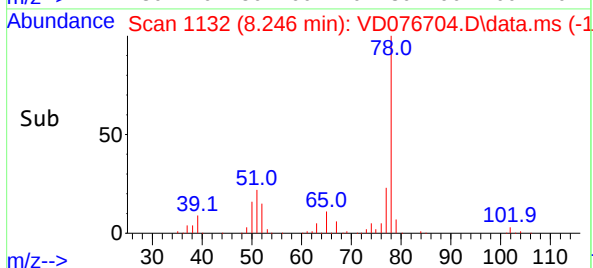
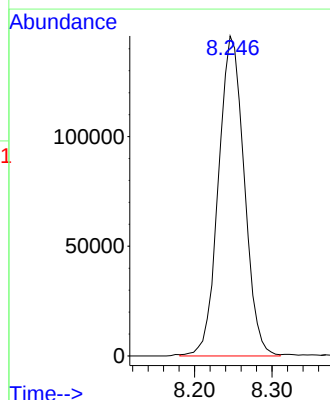
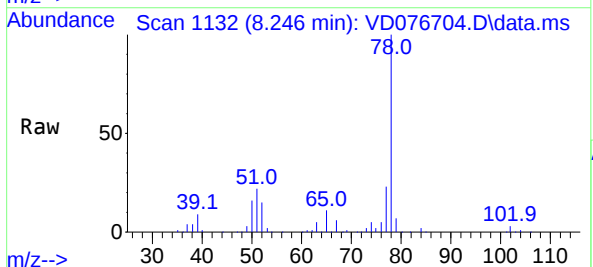
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

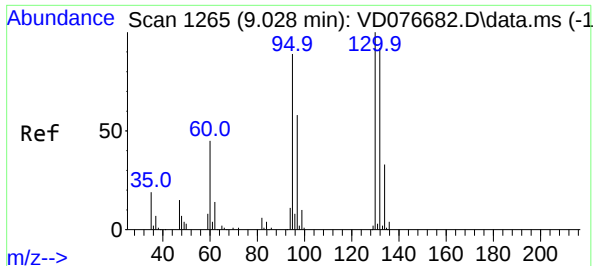
Tgt Ion:117 Resp: 117930
Ion Ratio Lower Upper
117 100
119 92.4 77.8 116.6



#33
Benzene
Concen: 21.958 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 78 Resp: 337422



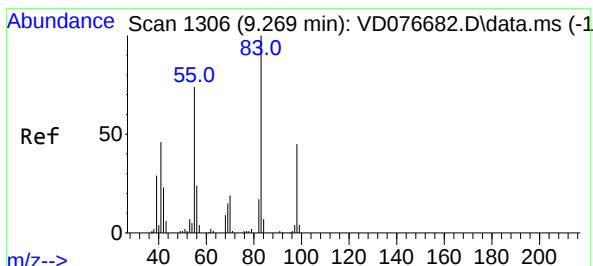
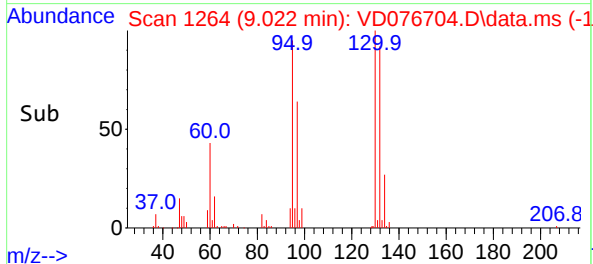
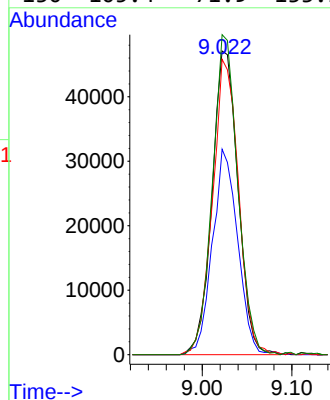
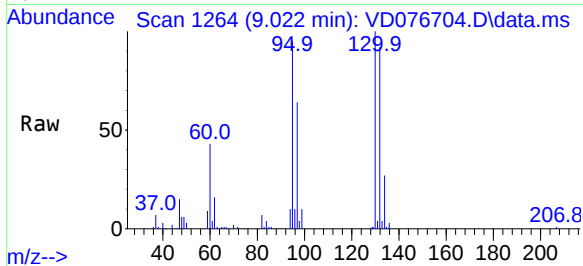


#34
Trichloroethene
Concen: 23.943 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

Tgt Ion: 95 Resp: 94512

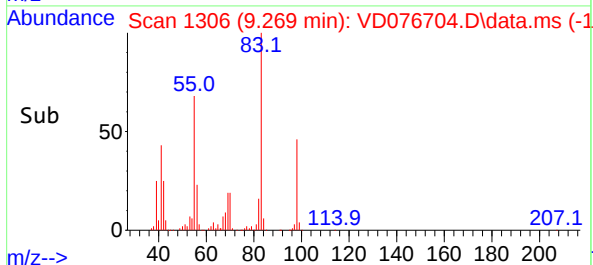
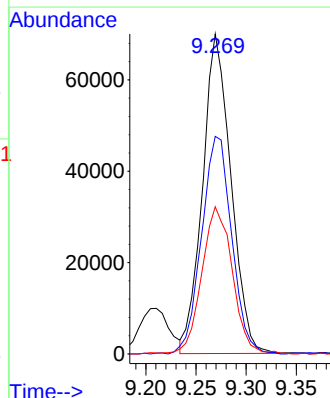
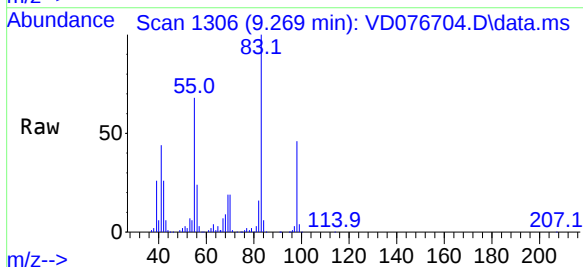
Ion	Ratio	Lower	Upper
95	100		
97	67.6	43.1	80.1
132	97.2	71.8	133.4
130	105.4	71.9	133.5

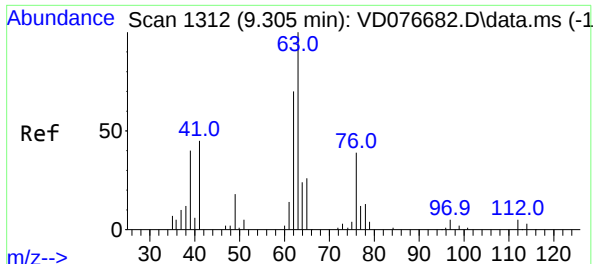


#35
Methylcyclohexane
Concen: 21.688 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 83 Resp: 138051

Ion	Ratio	Lower	Upper
83	100		
55	72.2	59.8	89.6
98	49.3	37.8	56.6

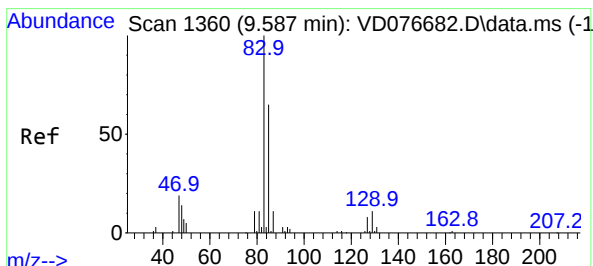
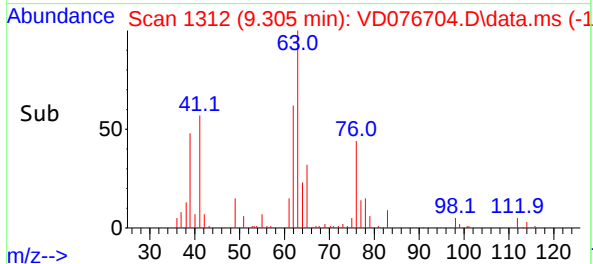
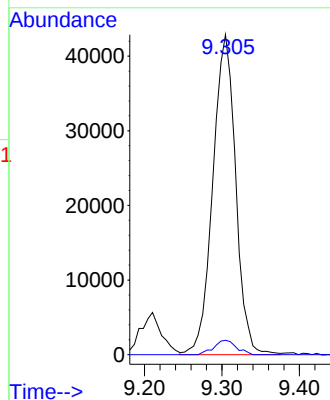
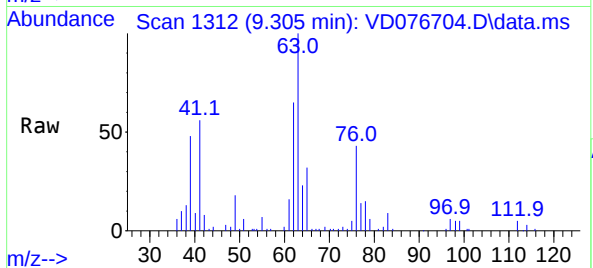




#37
1,2-Dichloropropane
Concen: 20.990 ug/L
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

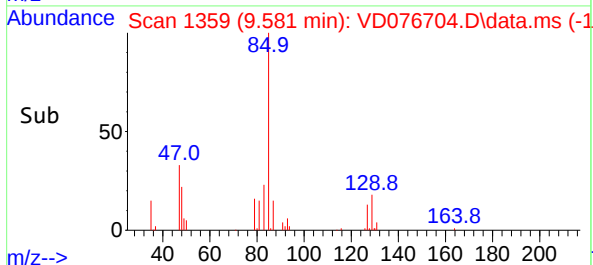
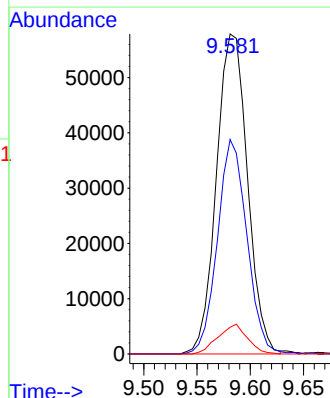
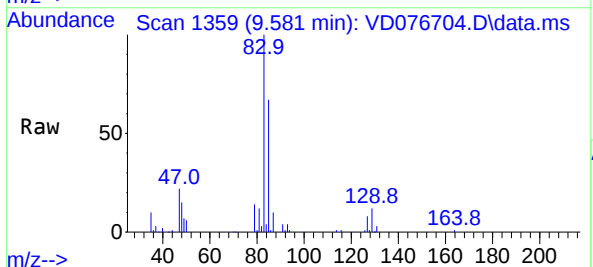
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

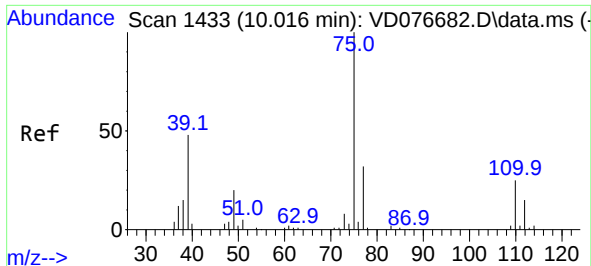
Tgt Ion: 63 Resp: 87937
Ion Ratio Lower Upper
63 100
112 4.4 3.1 4.7



#38
Bromodichloromethane
Concen: 24.554 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 83 Resp: 117328
Ion Ratio Lower Upper
83 100
85 67.0 43.9 81.5
127 9.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 21.078 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

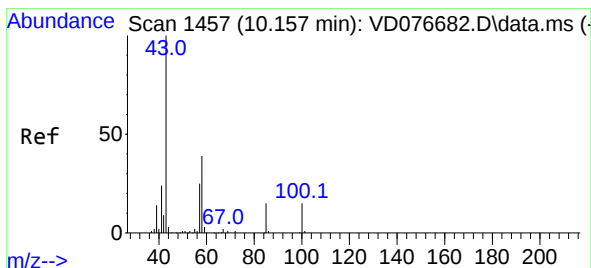
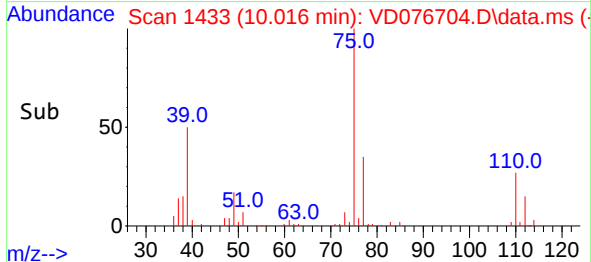
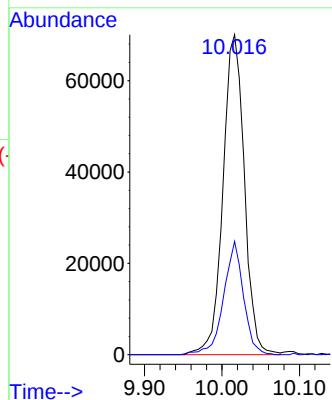
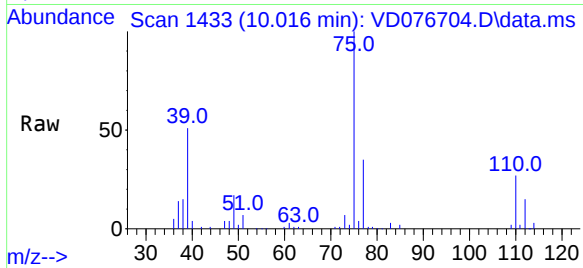
VSTD025170

Tgt Ion: 75 Resp: 134838

Ion Ratio Lower Upper

75 100

77 35.4 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 38.704 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

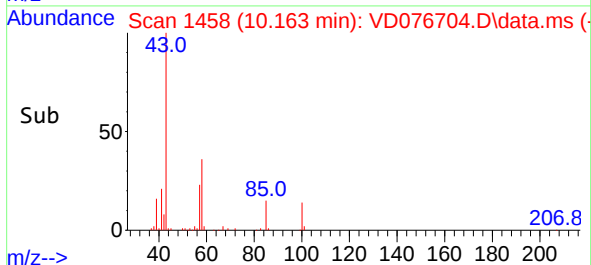
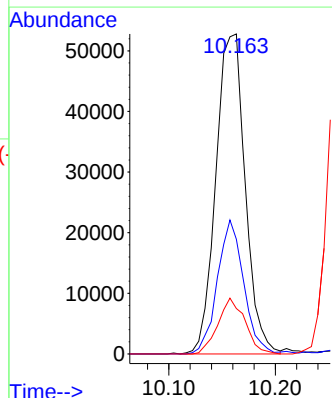
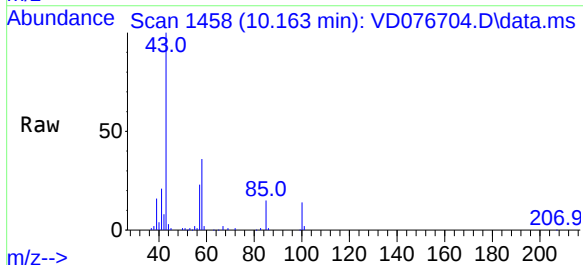
Tgt Ion: 43 Resp: 100869

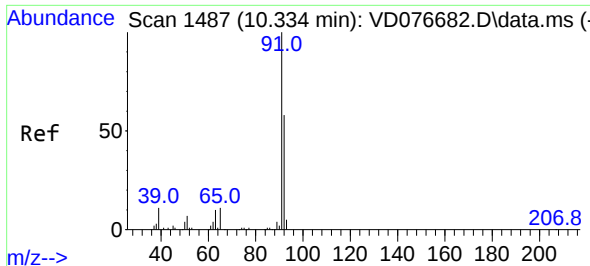
Ion Ratio Lower Upper

43 100

58 37.5 30.7 46.1

100 16.2 11.0 16.4

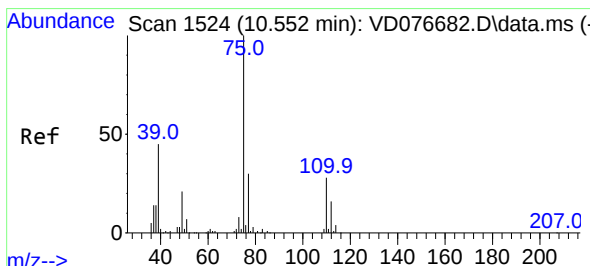
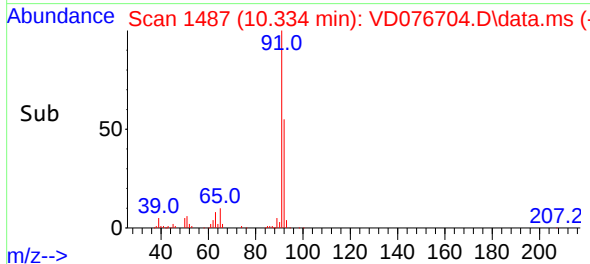
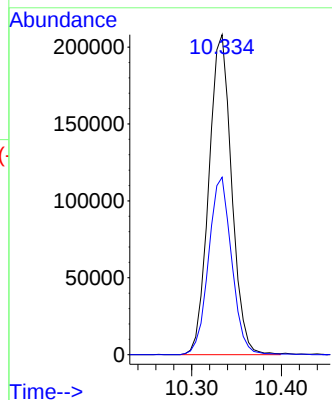
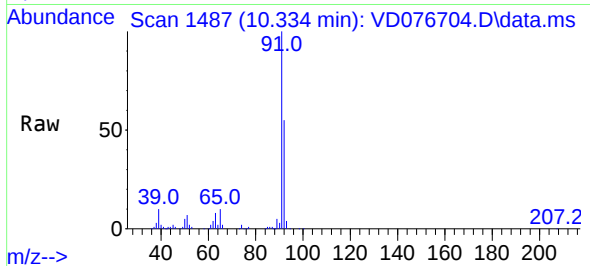




#42
Toluene
Concen: 22.378 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

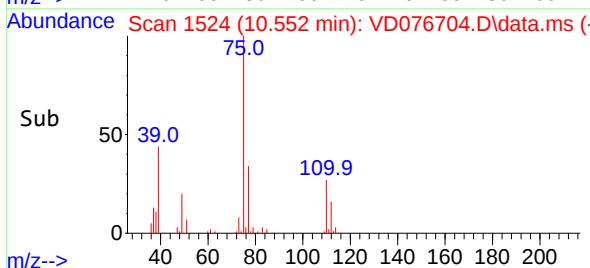
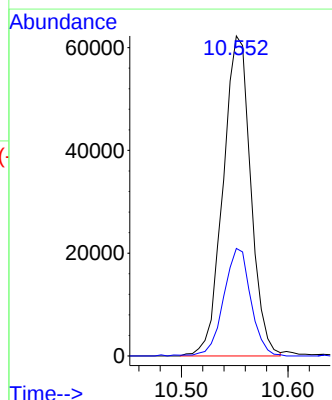
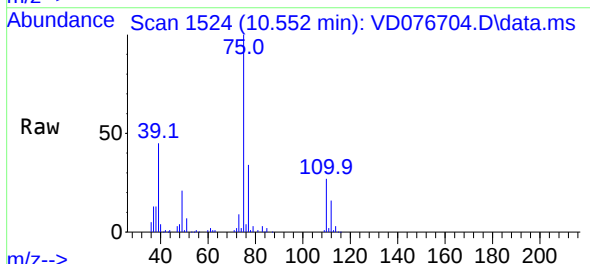
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

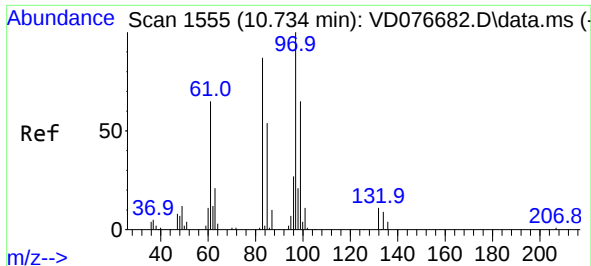
Tgt Ion: 91 Resp: 367467
Ion Ratio Lower Upper
91 100
92 55.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 21.584 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 75 Resp: 112230
Ion Ratio Lower Upper
75 100
77 33.6 22.5 41.7



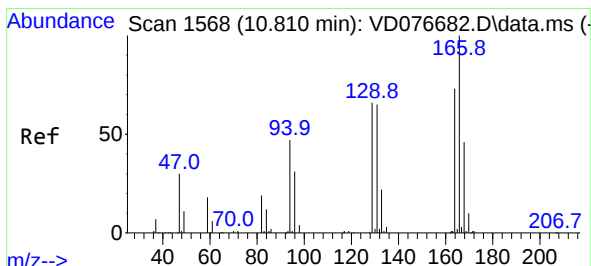
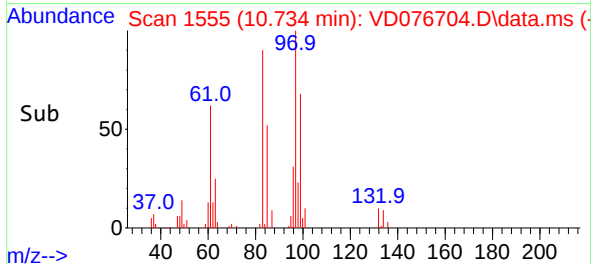
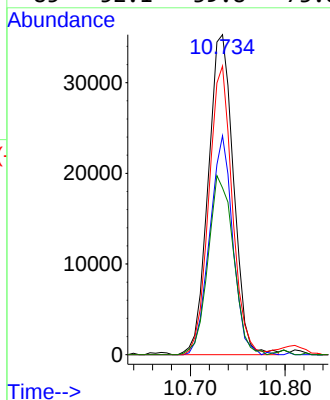
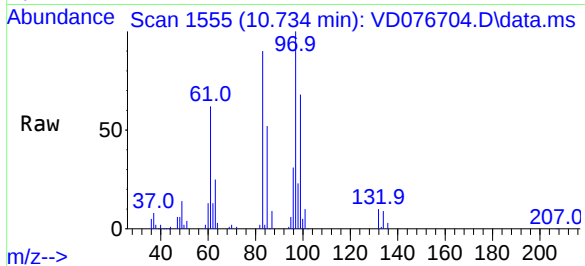


#45
1,1,2-Trichloroethane
Concen: 22.823 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

Tgt Ion: 97 Resp: 65583

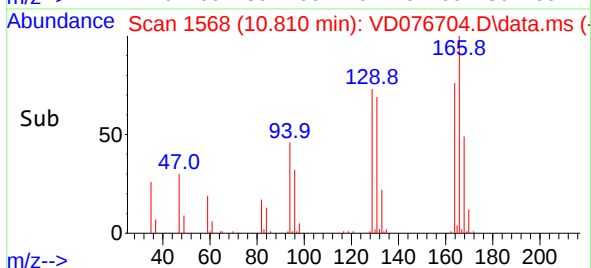
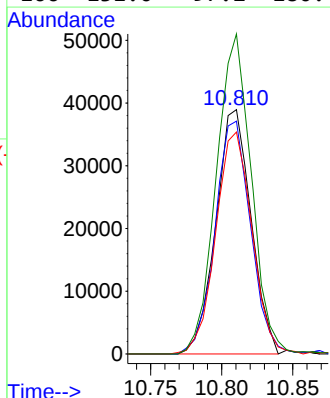
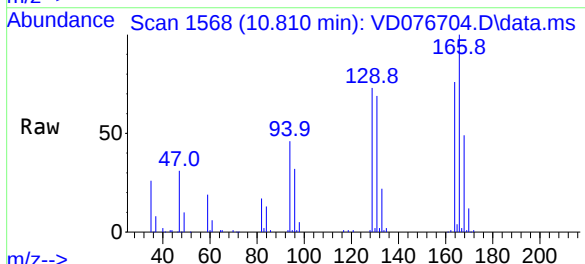
Ion	Ratio	Lower	Upper
97	100		
99	68.4	41.9	77.9
83	90.2	59.2	110.0
85	52.1	39.8	73.8

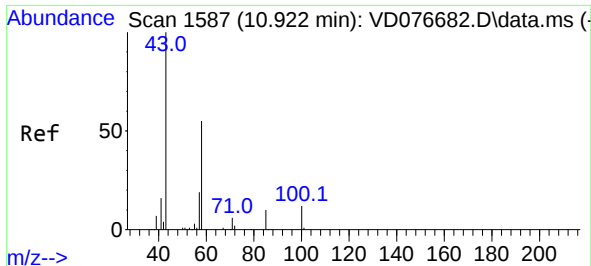


#46
Tetrachloroethene
Concen: 21.600 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 164 Resp: 67031

Ion	Ratio	Lower	Upper
164	100		
129	95.3	65.5	121.6
131	90.8	64.8	120.3
166	131.0	97.2	180.4

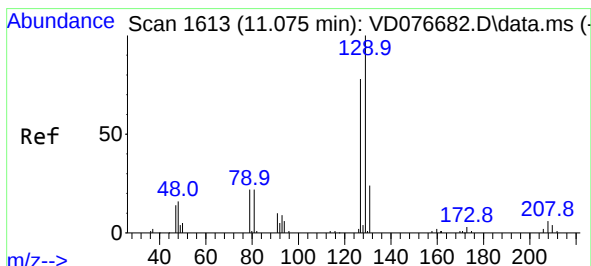
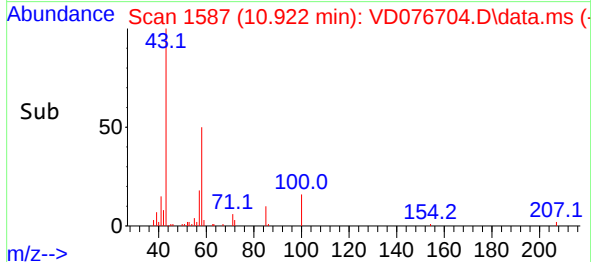
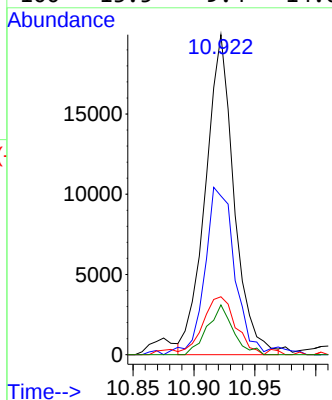
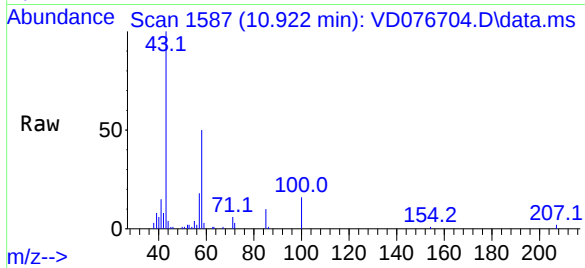




#48
2-Hexanone
Concen: 18.253 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

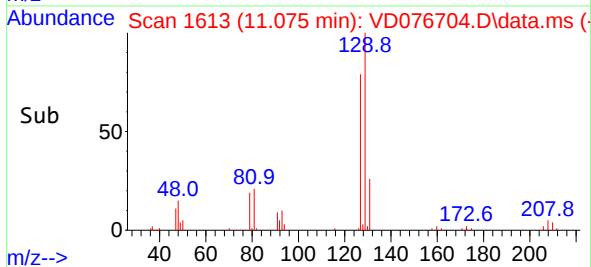
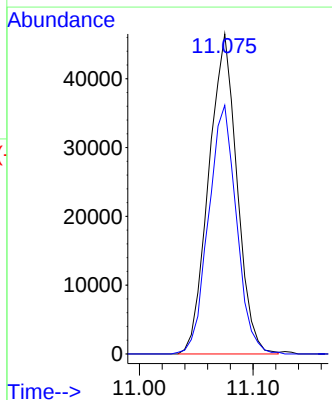
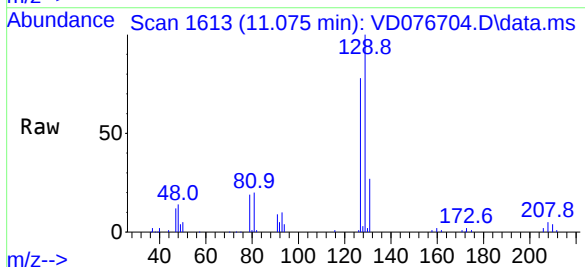
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

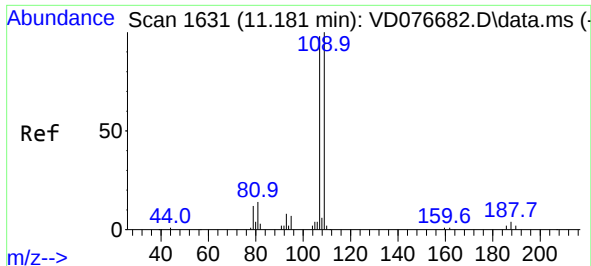
Tgt Ion:	43	Resp:	32580
Ion	Ratio	Lower	Upper
43	100		
58	54.0	42.9	64.3
57	20.5	13.7	20.5
100	13.5	9.4	14.0



#49
Dibromochloromethane
Concen: 24.620 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:	129	Resp:	80401
Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.2	102.6

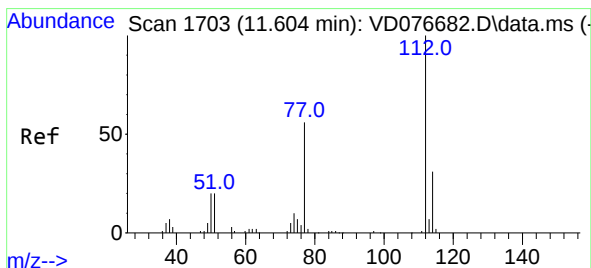
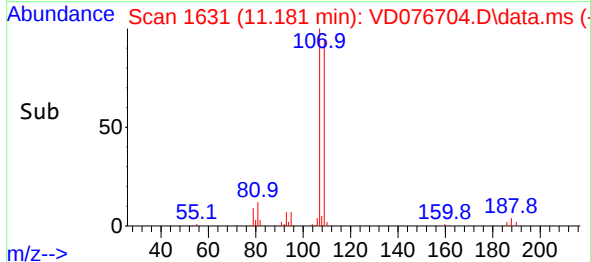
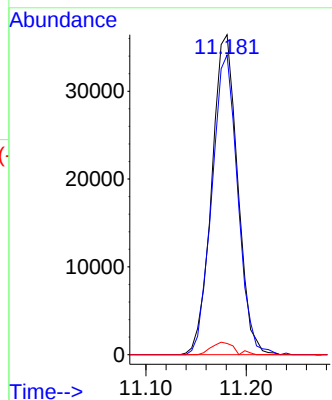
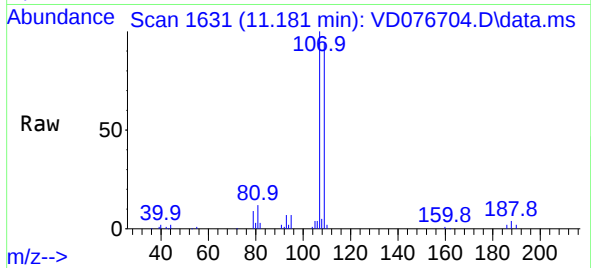




#50
1,2-Dibromoethane
Concen: 23.417 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

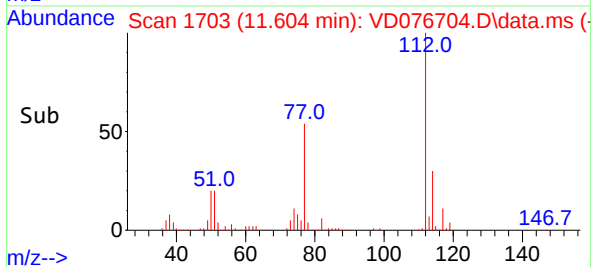
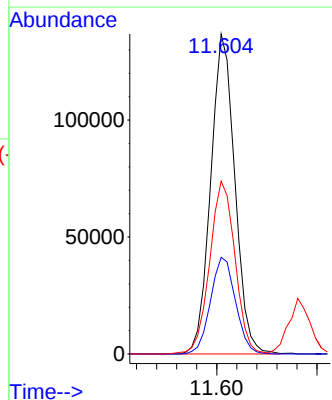
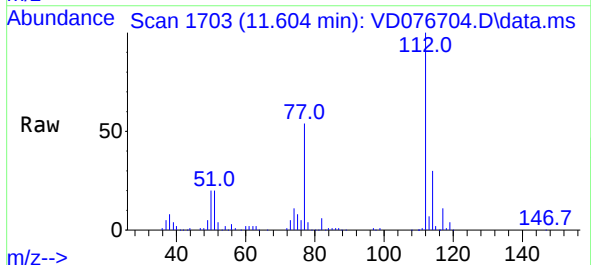
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

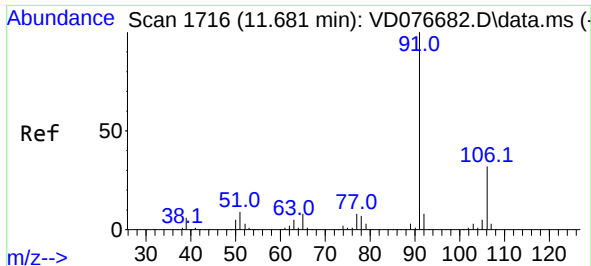
Tgt Ion:107 Resp: 65312
Ion Ratio Lower Upper
107 100
109 93.7 58.8 109.2
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 22.265 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:112 Resp: 228261
Ion Ratio Lower Upper
112 100
114 30.2 21.5 39.9
77 54.0 43.4 65.2

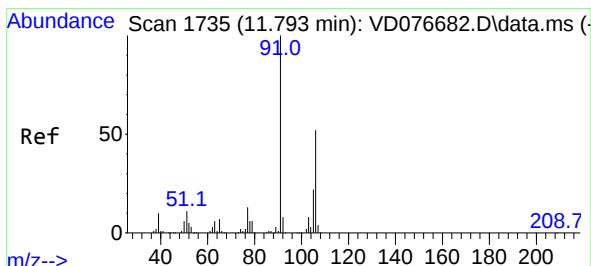
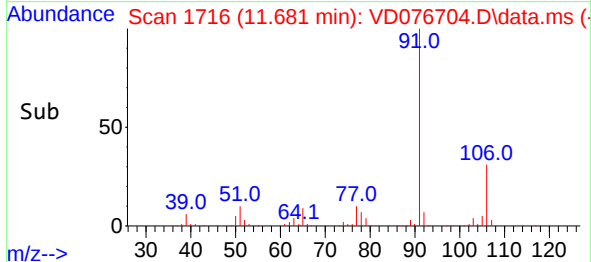
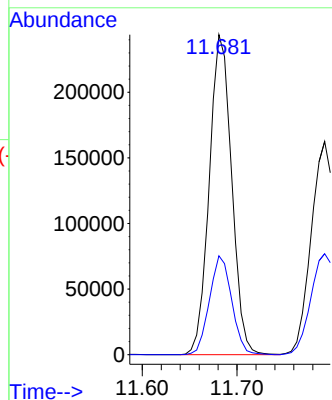
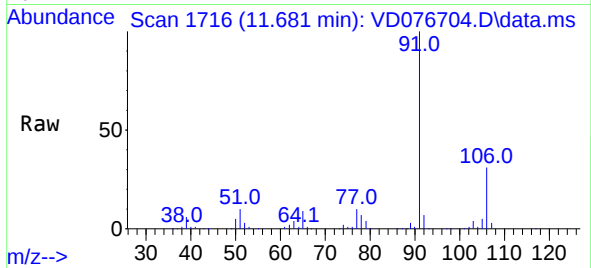




#52
Ethylbenzene
Concen: 22.586 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

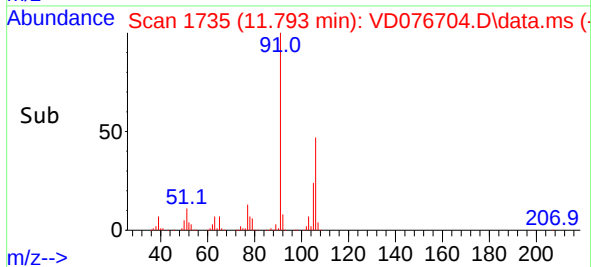
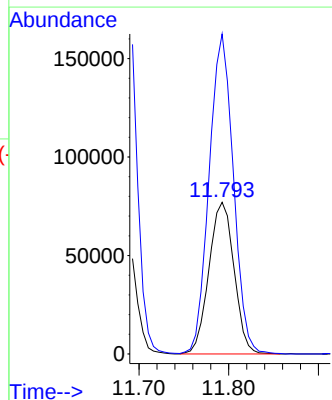
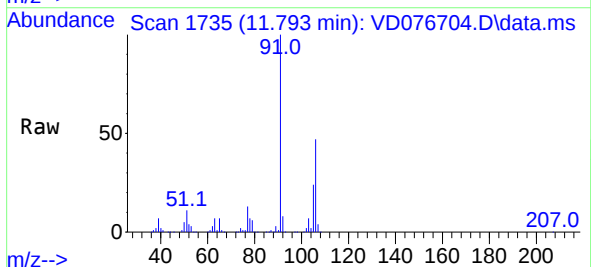
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

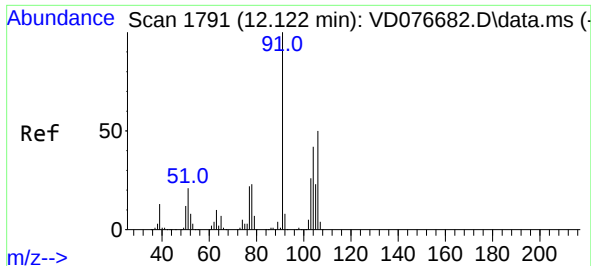
Tgt Ion: 91 Resp: 399757
Ion Ratio Lower Upper
91 100
106 30.9 22.4 41.6



#53
m,p-Xylene
Concen: 21.543 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 106 Resp: 149849
Ion Ratio Lower Upper
106 100
91 211.1 141.5 262.9

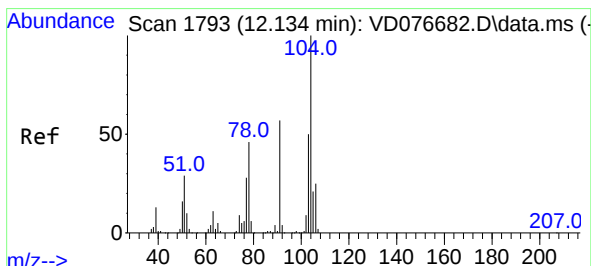
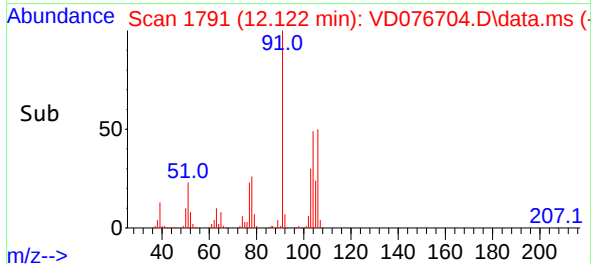
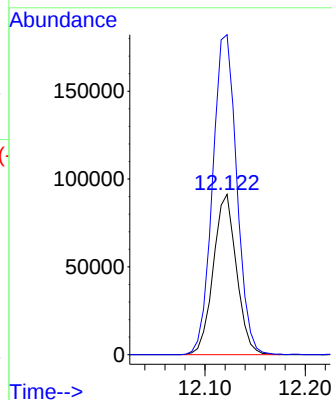
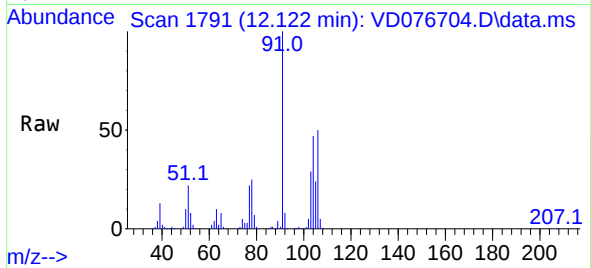




#54
o-Xylene
Concen: 22.135 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

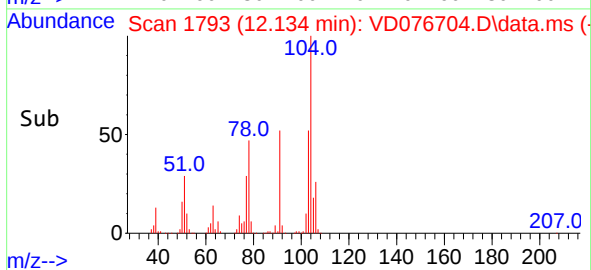
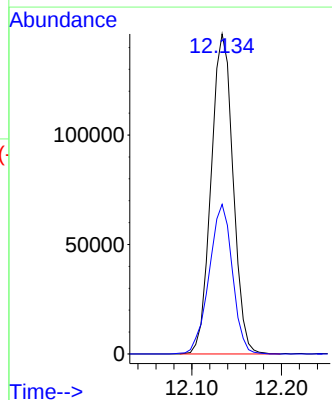
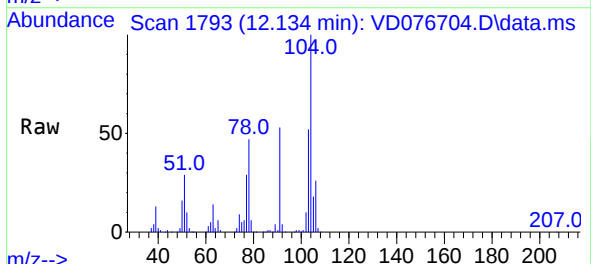
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

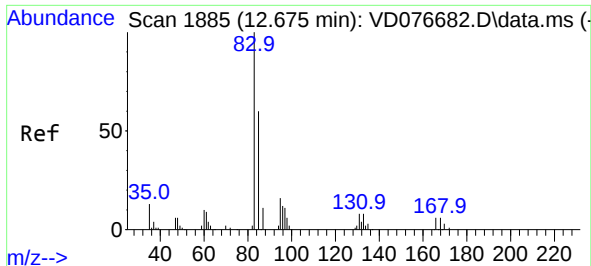
Tgt Ion:106 Resp: 146595
Ion Ratio Lower Upper
106 100
91 199.7 142.2 264.2



#55
Styrene
Concen: 21.720 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:104 Resp: 248522
Ion Ratio Lower Upper
104 100
78 46.8 31.3 58.1

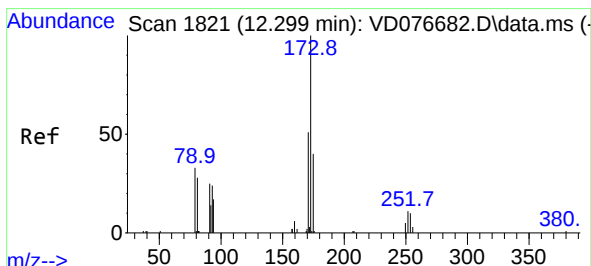
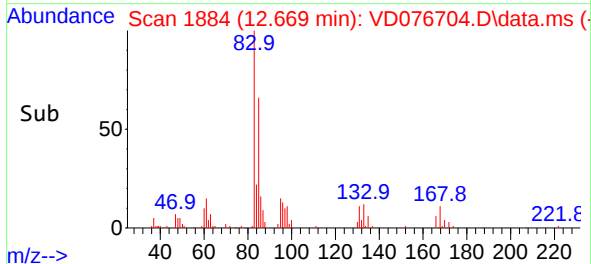
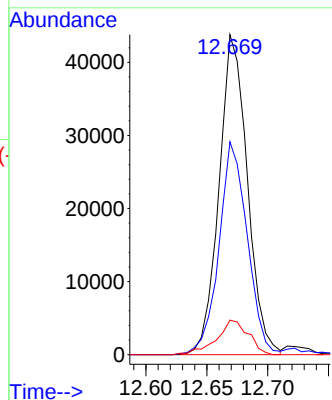
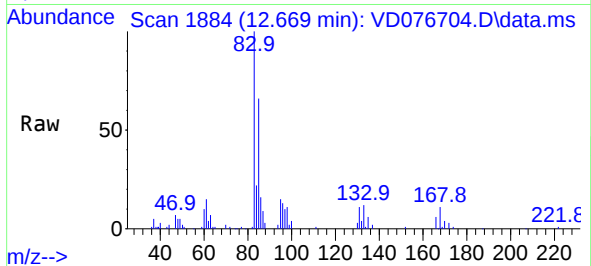




#57
1,1,2,2-Tetrachloroethane
Concen: 21.568 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

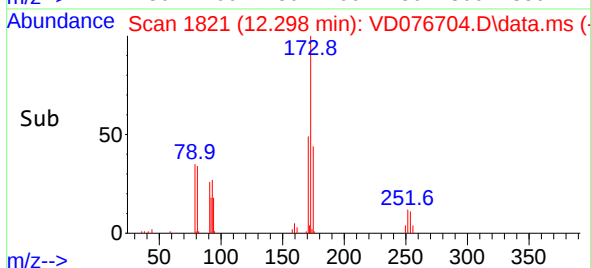
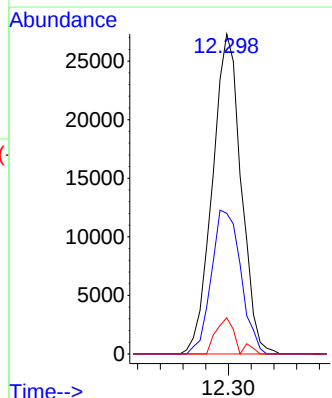
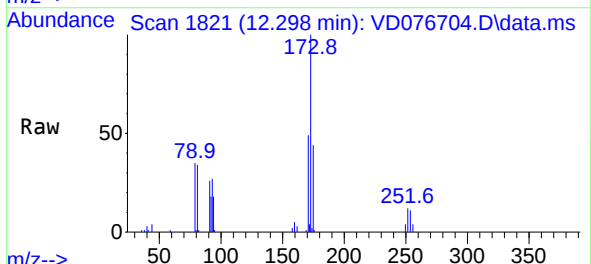
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

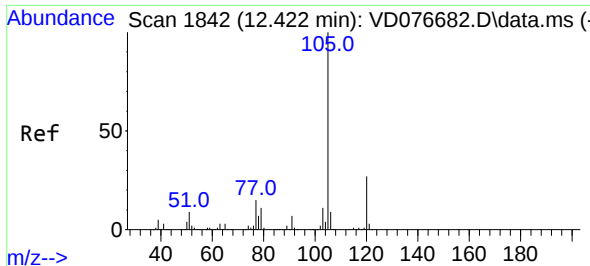
Tgt Ion: 83 Resp: 70831
Ion Ratio Lower Upper
83 100
85 66.5 46.3 86.1
131 10.8 7.0 10.4#



#59
Bromoform
Concen: 24.083 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 173 Resp: 47916
Ion Ratio Lower Upper
173 100
175 46.0 39.0 58.4
254 6.8 5.3 7.9

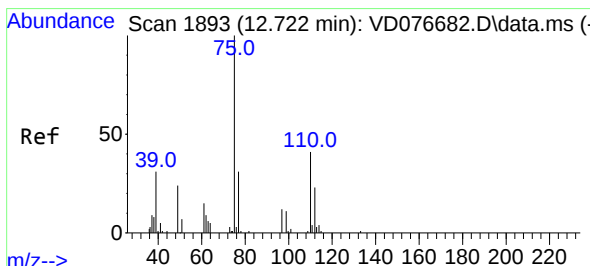
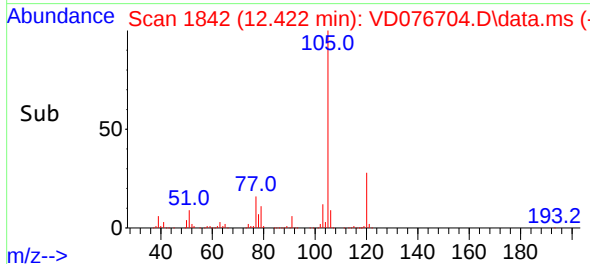
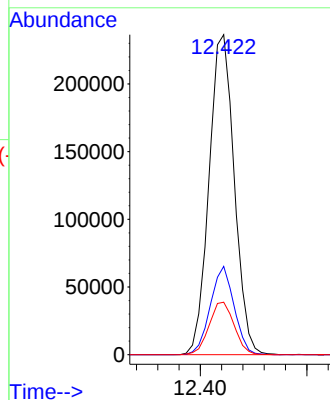
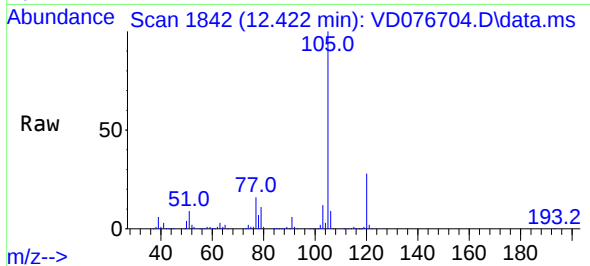




#60
Isopropylbenzene
Concen: 22.929 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

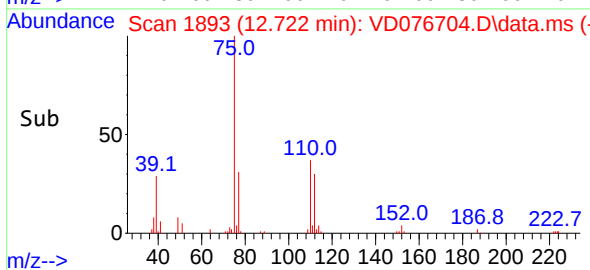
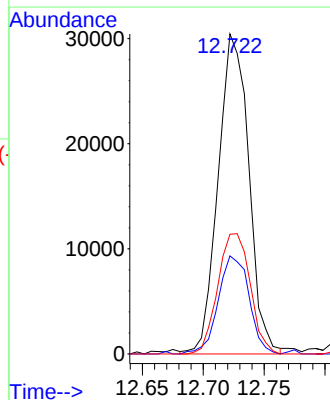
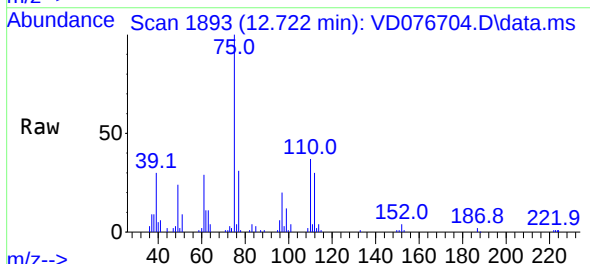
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

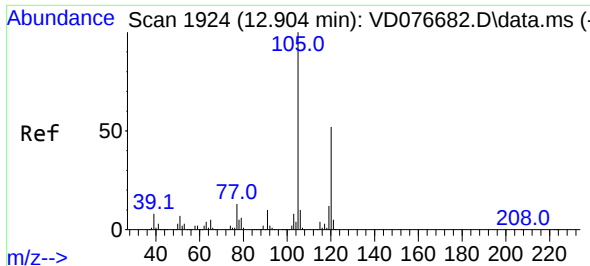
Tgt Ion:105 Resp: 389792
Ion Ratio Lower Upper
105 100
120 26.0 21.3 31.9
77 16.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 24.691 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion: 75 Resp: 53258
Ion Ratio Lower Upper
75 100
77 30.9 27.2 40.8
110 39.8 31.8 47.6

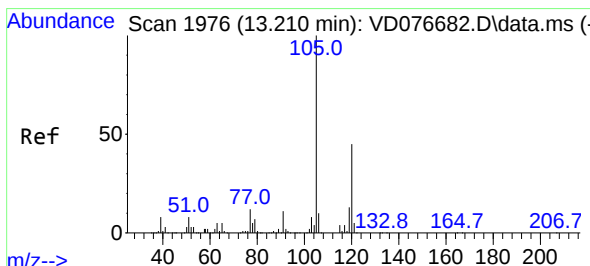
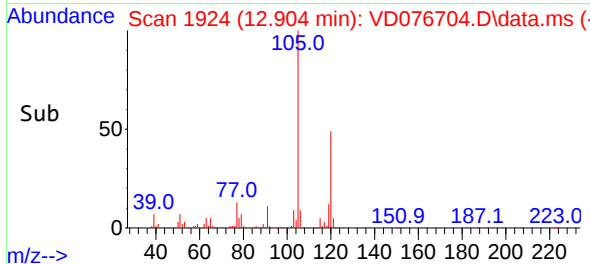
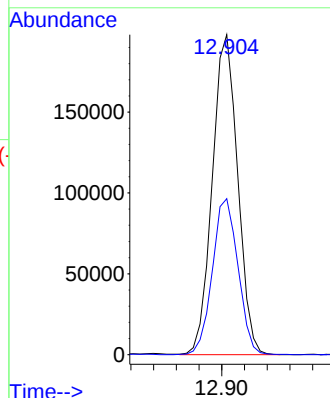
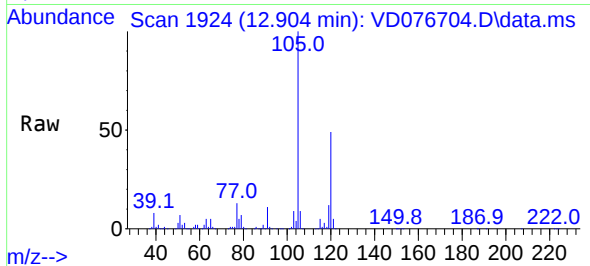




#62
1,3,5-Trimethylbenzene
Concen: 22.588 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

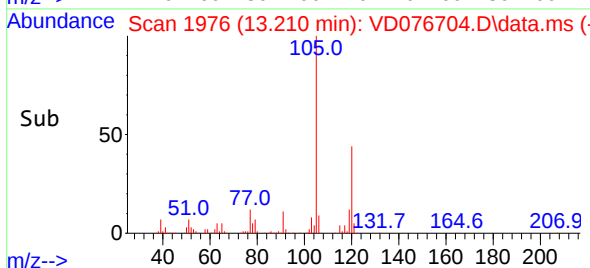
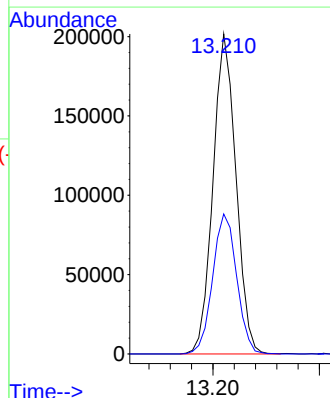
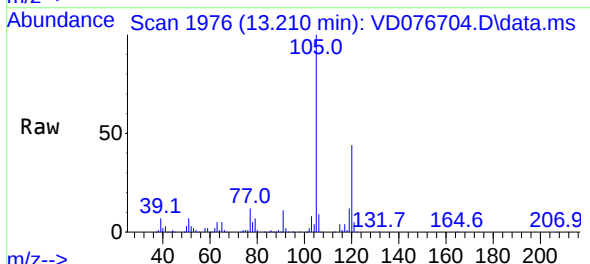
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

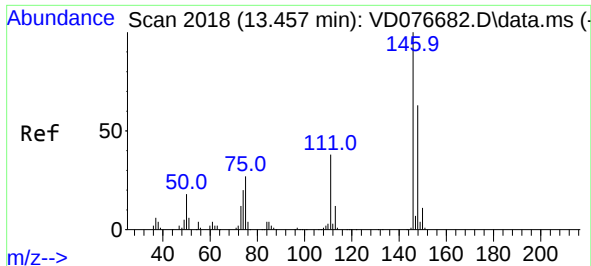
Tgt Ion:105 Resp: 307228
Ion Ratio Lower Upper
105 100
120 49.3 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 22.457 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:105 Resp: 301407
Ion Ratio Lower Upper
105 100
120 45.8 37.5 56.3

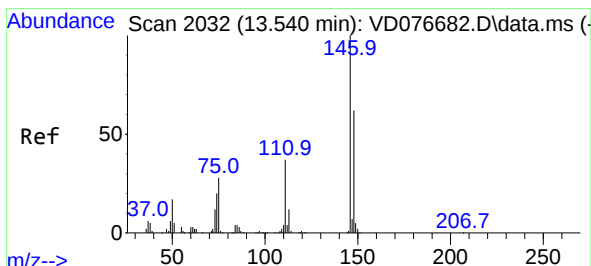
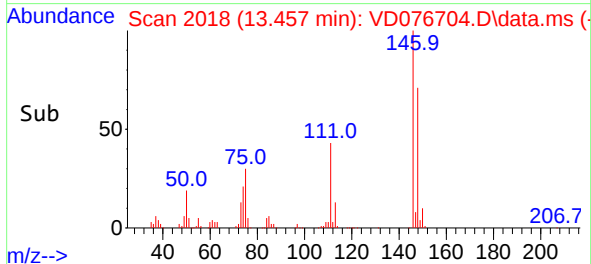
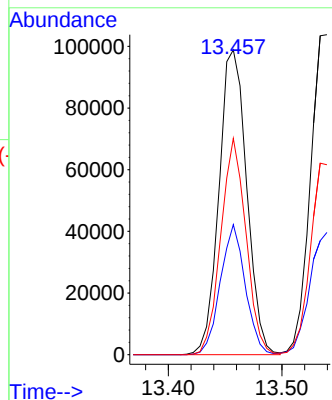
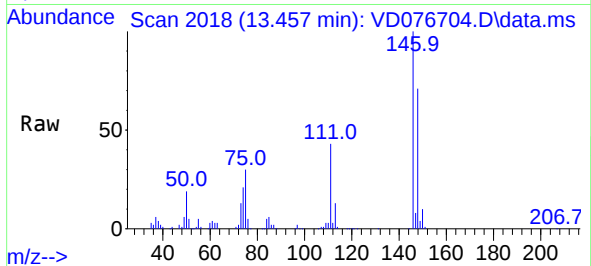




#64
1,3-Dichlorobenzene
Concen: 22.179 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

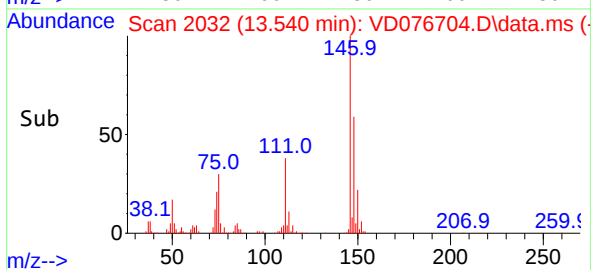
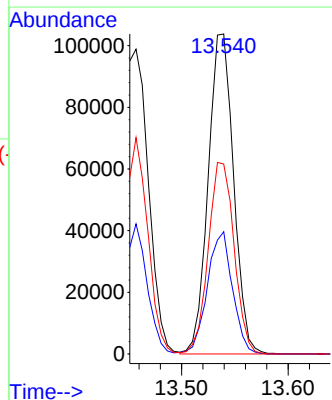
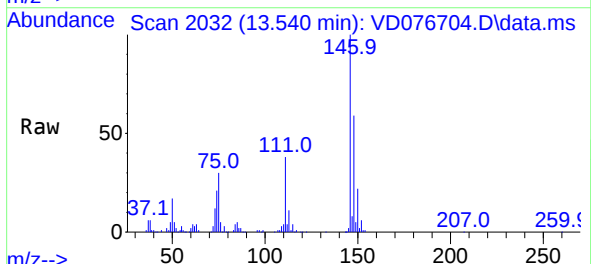
Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

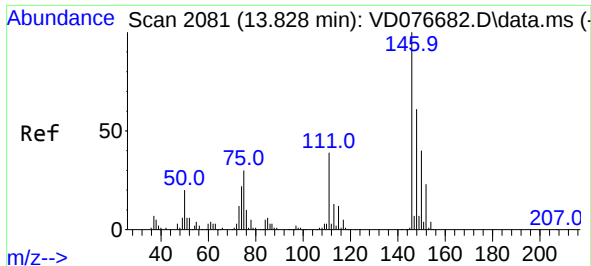
Tgt Ion:146 Resp: 167740
Ion Ratio Lower Upper
146 100
111 42.7 25.6 47.4
148 71.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 22.556 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:146 Resp: 171960
Ion Ratio Lower Upper
146 100
111 38.2 25.7 47.7
148 59.3 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 22.511 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025170

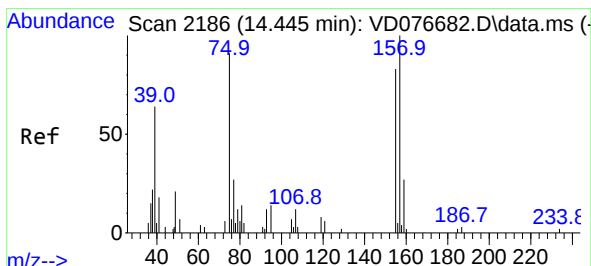
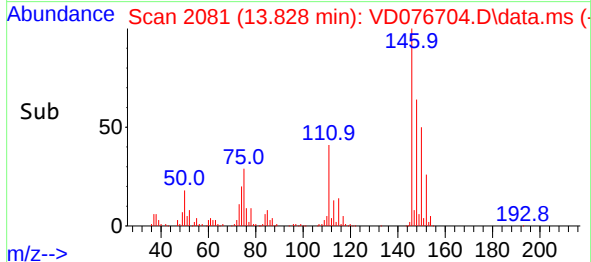
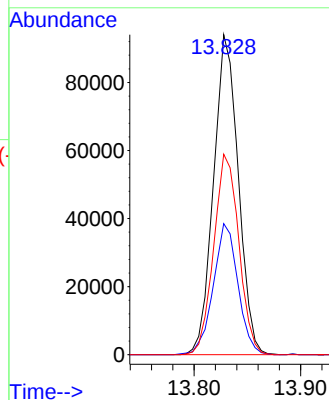
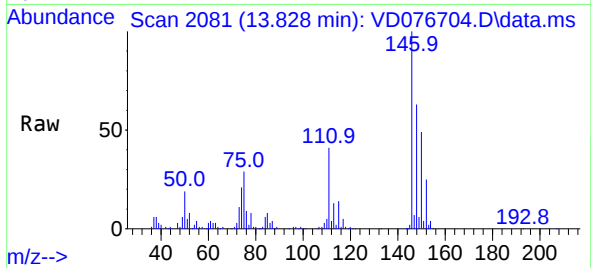
Tgt Ion:146 Resp: 151666

Ion Ratio Lower Upper

146 100

111 41.0 31.3 46.9

148 62.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.884 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076704.D

Acq: 03 Jul 2023 20:28

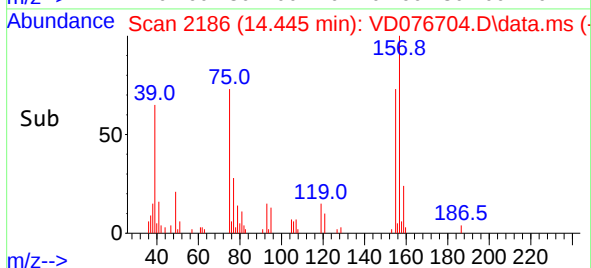
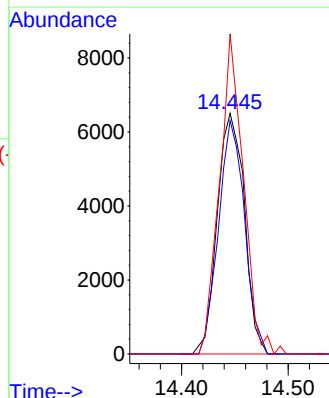
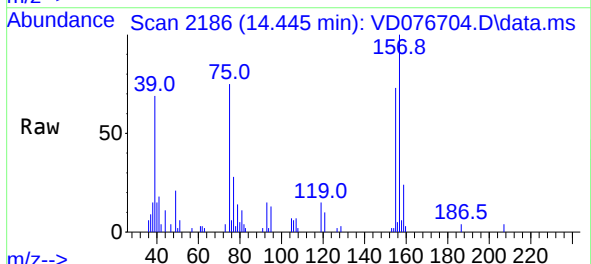
Tgt Ion: 75 Resp: 11481

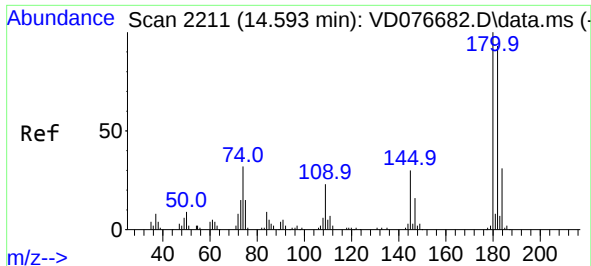
Ion Ratio Lower Upper

75 100

155 97.0 76.2 114.4

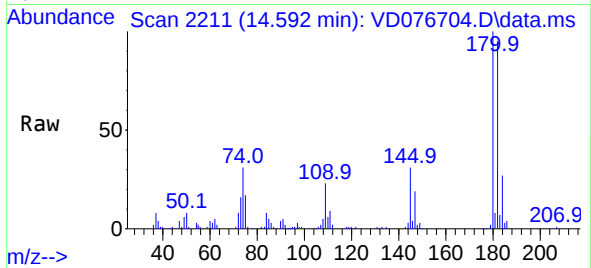
157 133.0 89.4 134.2



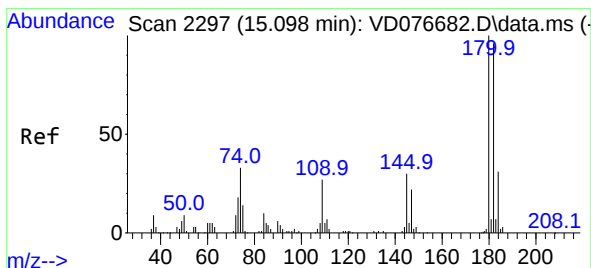
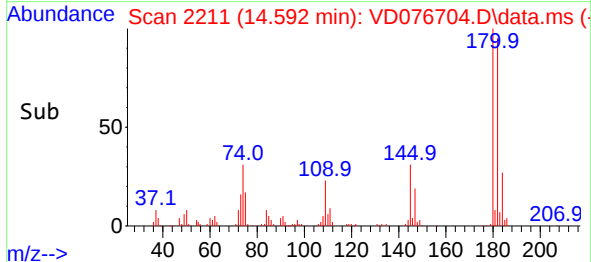
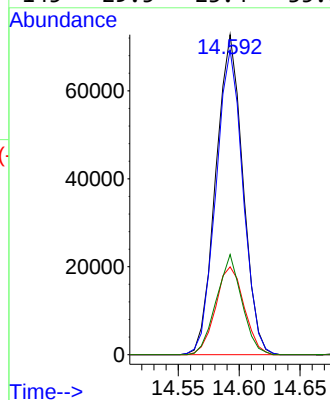


#69
 1,3,5-Trichlorobenzene
 Concen: 22.258 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD076704.D
 Acq: 03 Jul 2023 20:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025170

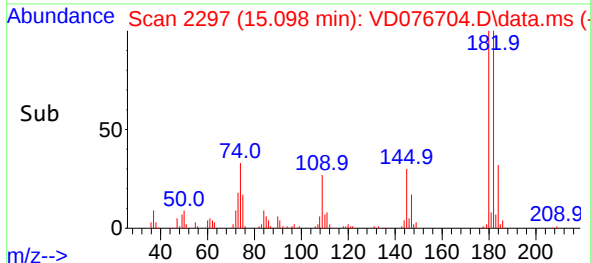
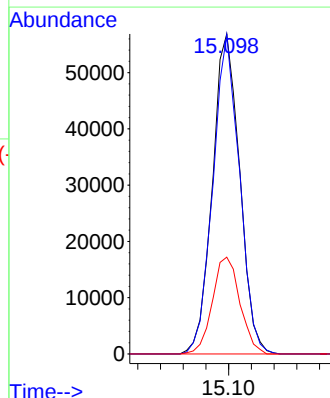
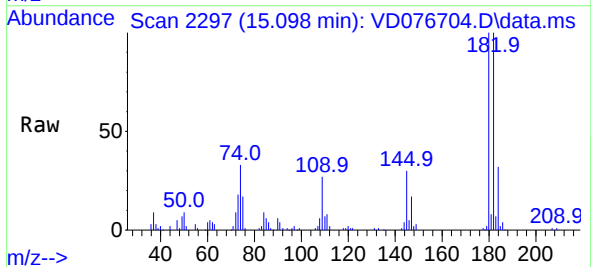


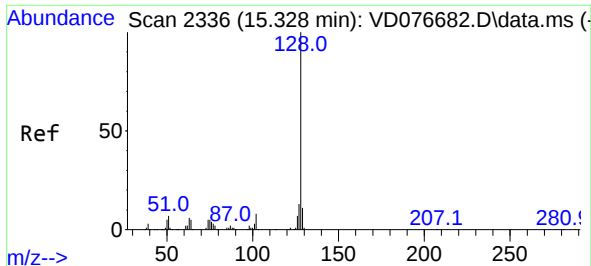
Tgt Ion:180 Resp: 112281
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 184 28.9 25.0 37.4
 145 29.5 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 21.096 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076704.D
 Acq: 03 Jul 2023 20:28

Tgt Ion:180 Resp: 94690
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.9 115.3
 145 30.6 23.5 35.3

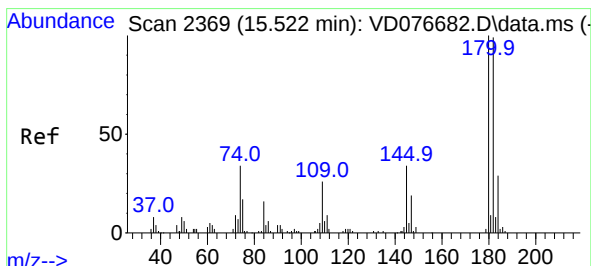
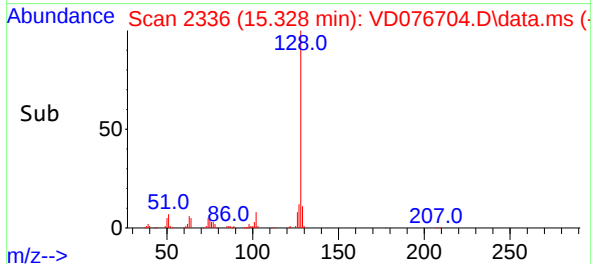
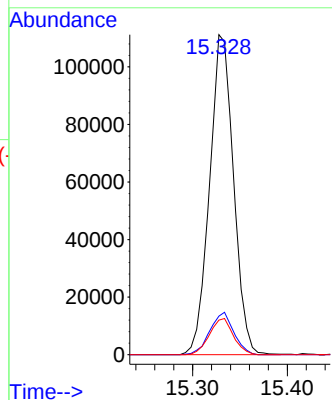
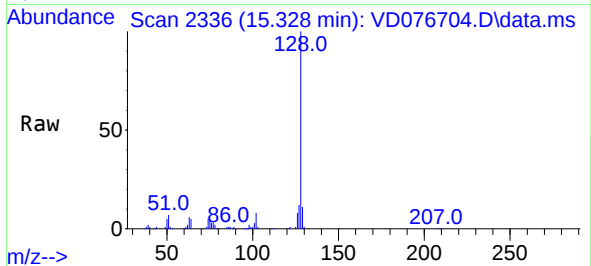




#71
Naphthalene
Concen: 22.752 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD025170

Tgt Ion:128 Resp: 195522
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.946 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076704.D
Acq: 03 Jul 2023 20:28

Tgt Ion:180 Resp: 85542
Ion Ratio Lower Upper
180 100
182 91.5 74.3 111.5
145 33.0 25.0 37.6

