

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076626.D
 Acq On : 28 Jun 2023 19:54
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025163

Quant Time: Jun 29 01:31:52 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	204543	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96561	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	117535	23.596	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.400%		
7) Chloroethane-d5	2.793	69	95139	23.621	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.480%		
11) 1,1-Dichloroethene-d2	3.905	65	33172	25.512	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.040%		
21) 2-Butanone-d5	6.987	46	42692	56.591	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.180%		
24) Chloroform-d	7.563	84	143103	26.555	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.240%		
26) 1,2-Dichloroethane-d4	8.228	65	73565	27.672	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.680%		
32) Benzene-d6	8.199	84	281716	24.407	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.640%		
36) 1,2-Dichloropropane-d6	9.210	67	91949	24.957	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.840%		
41) Toluene-d8	10.269	98	269563	25.222	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.880%		
43) trans-1,3-Dichloroprop...	10.522	79	38933	25.406	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.640%		
47) 2-Hexanone-d5	10.875	63	30330	53.032	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.060%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76163	29.056	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.240%		
66) 1,2-Dichlorobenzene-d4	13.816	152	91533	25.861	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	86056	27.000	ug/L	99
3) Chloromethane	2.146	50	133111	25.122	ug/L	100
5) Vinyl chloride	2.275	62	137660	24.084	ug/L	94
6) Bromomethane	2.687	94	67521	21.327	ug/L	95
8) Chloroethane	2.828	64	87487	24.987	ug/L	97
9) Trichlorofluoromethane	3.164	101	119828	28.994	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	74817	27.909	ug/L #	31
12) 1,1-Dichloroethene	3.934	96	68048	25.634	ug/L	90
14) Carbon disulfide	4.263	76	241352	25.081	ug/L	97
15) Methyl Acetate	4.558	43	37364	26.862	ug/L	96
16) Methylene chloride	4.799	84	83561	23.504	ug/L	95
17) trans-1,2-Dichloroethene	5.299	96	76077	25.705	ug/L	87
18) Methyl tert-butyl Ether	5.310	73	177604	26.359	ug/L #	91
19) 1,1-Dichloroethane	6.105	63	140549	25.975	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	84867	25.676	ug/L	99
22) 2-Butanone	7.081	43	48662	49.488	ug/L	99
23) Bromochloromethane	7.422	128	38721	27.602	ug/L	87
25) Chloroform	7.593	83	140792	26.662	ug/L	98
27) 1,2-Dichloroethane	8.322	62	90453	27.853	ug/L	95

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

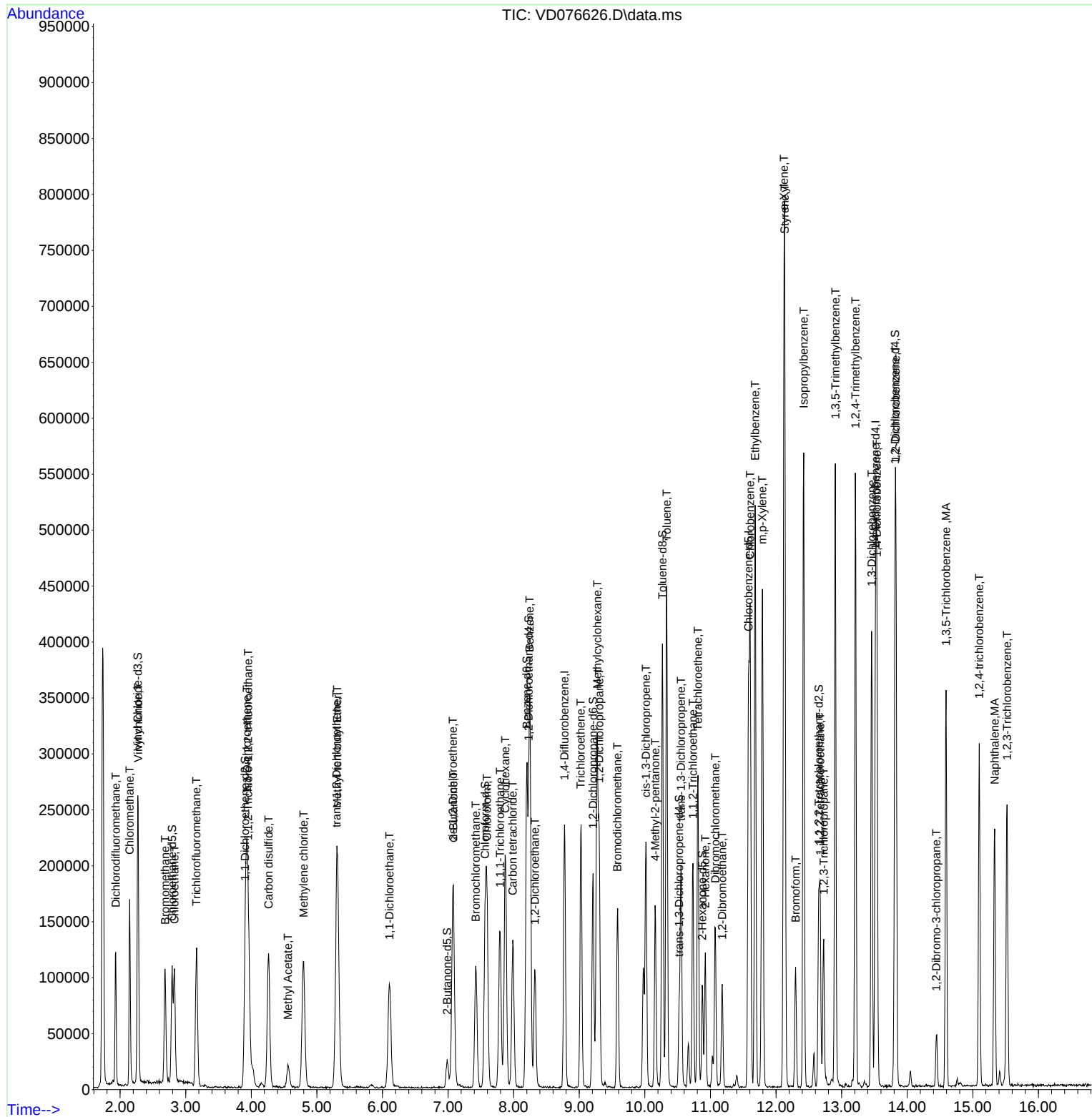
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	118297	23.576	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	113944	25.994	ug/L	98
31) Carbon tetrachloride	7.987	117	96280	27.464	ug/L	99
33) Benzene	8.246	78	312900	25.055	ug/L	100
34) Trichloroethene	9.022	95	80169	24.990	ug/L	92
35) Methylcyclohexane	9.275	83	127733	24.691	ug/L	98
37) 1,2-Dichloropropane	9.304	63	84347	24.774	ug/L #	97
38) Bromodichloromethane	9.581	83	106216	27.352	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	127387	24.503	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	110562	52.200	ug/L	98
42) Toluene	10.334	91	333709	25.006	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	108910	25.772	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	61527	26.346	ug/L	98
46) Tetrachloroethene	10.810	164	62200	24.663	ug/L	95
48) 2-Hexanone	10.922	43	74180	51.137	ug/L	96
49) Dibromochloromethane	11.075	129	73373	27.646	ug/L	92
50) 1,2-Dibromoethane	11.181	107	60084	26.508	ug/L	80
51) Chlorobenzene	11.604	112	215061	25.812	ug/L	96
52) Ethylbenzene	11.681	91	369001	25.653	ug/L	99
53) m,p-Xylene	11.792	106	140729	24.895	ug/L	99
54) o-Xylene	12.122	106	138491	25.731	ug/L	99
55) Styrene	12.134	104	243372	26.172	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	74705	27.990	ug/L	97
59) Bromoform	12.298	173	44577	25.788	ug/L #	96
60) Isopropylbenzene	12.422	105	363518	24.613	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	52976	28.269	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	286253	24.225	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	281760	24.163	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	163379	24.865	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	165190	24.941	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	149152	25.481	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	10292	24.644	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	104188	23.772	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	91695	23.514	ug/L	100
71) Naphthalene	15.333	128	190562	25.524	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	83513	24.661	ug/L	98

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

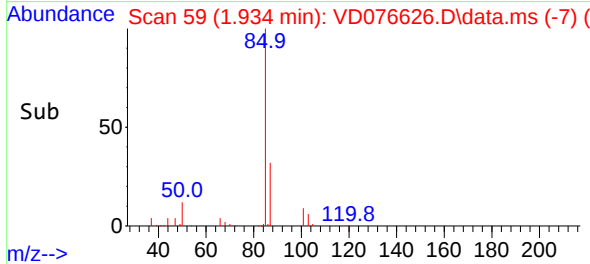
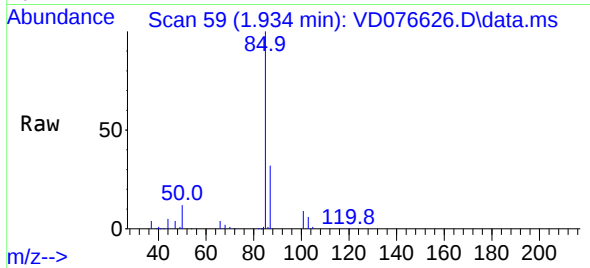
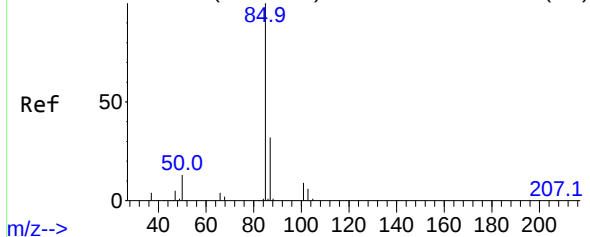
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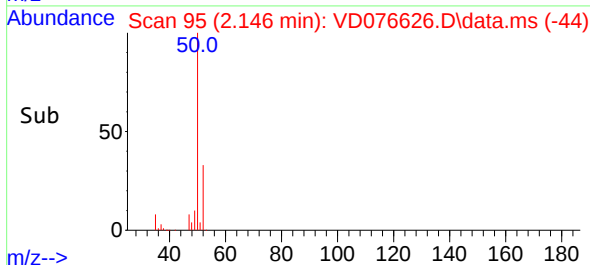
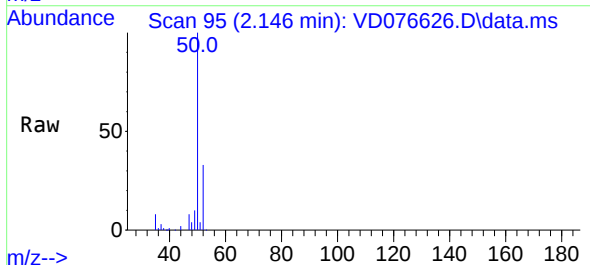
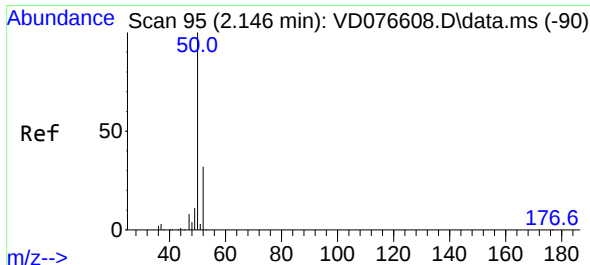
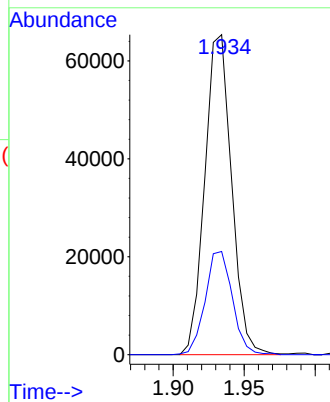
Abundance Scan 59 (1.934 min): VD076608.D\data.ms (-53)



#2
Dichlorodifluoromethane
Concen: 27.000 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

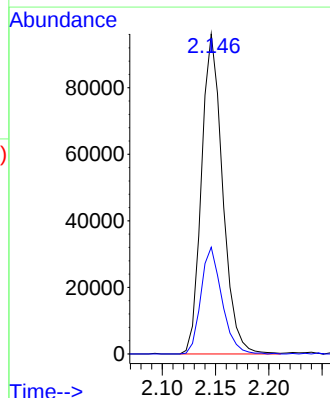
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VSTD025163

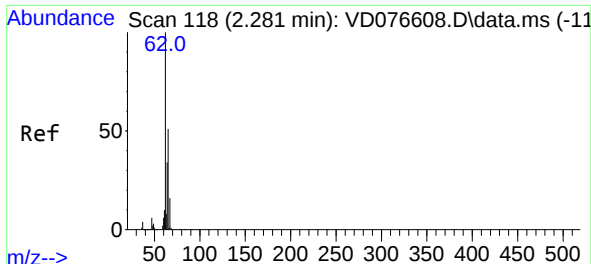
Tgt Ion: 85 Resp: 86056
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 25.122 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 50 Resp: 133111
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

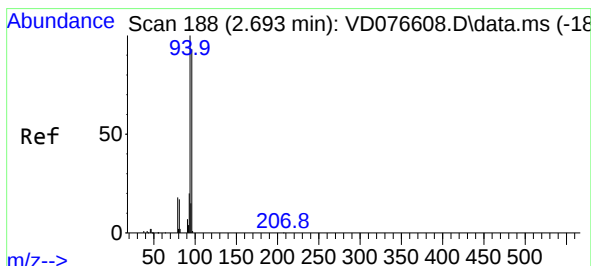
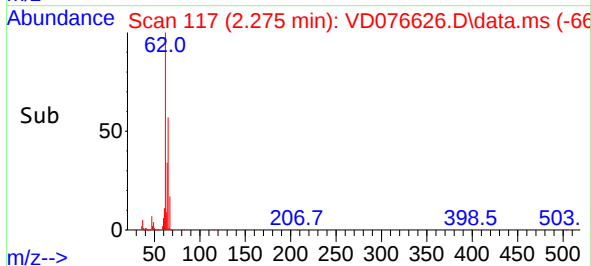
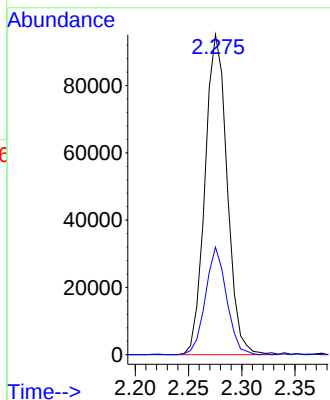
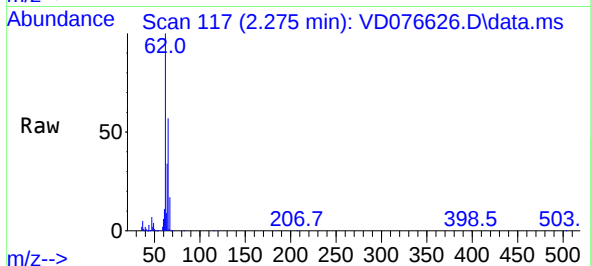




#5
Vinyl chloride
Concen: 24.084 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

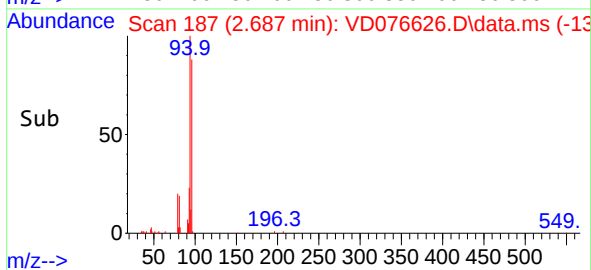
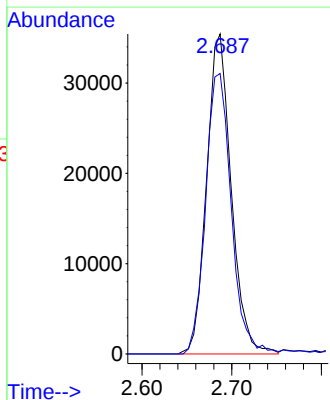
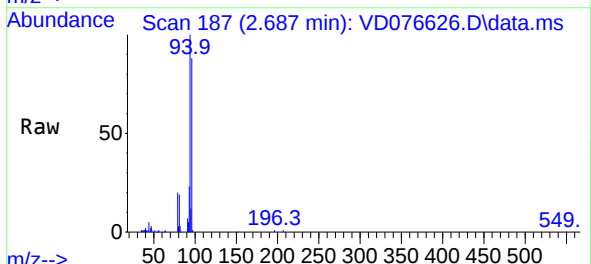
Instrument :
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ClientSampleId :
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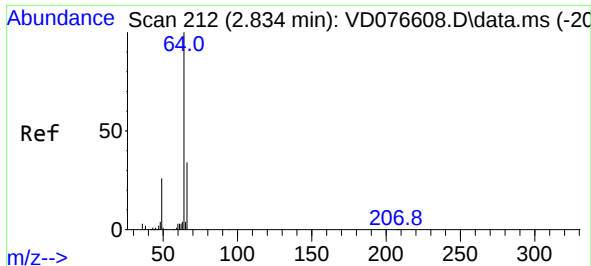
Tgt Ion: 62 Resp: 137660
Ion Ratio Lower Upper
62 100
64 33.6 21.1 39.1



#6
Bromomethane
Concen: 21.327 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 94 Resp: 67521
Ion Ratio Lower Upper
94 100
96 87.7 64.7 120.1

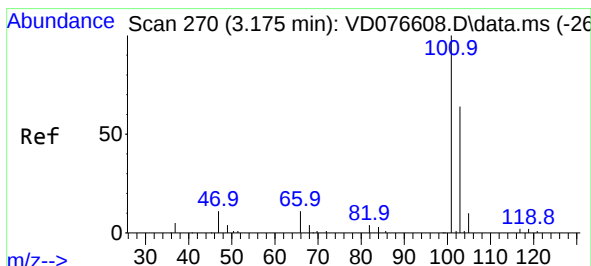
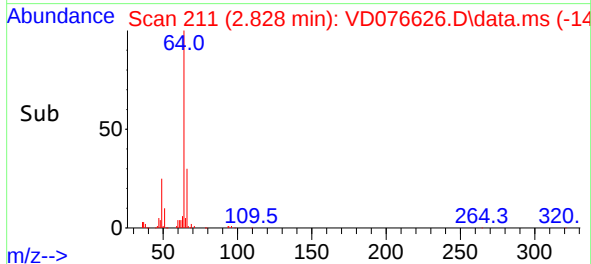
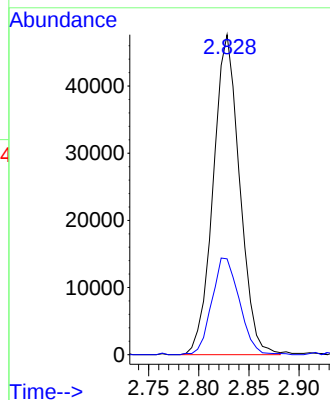
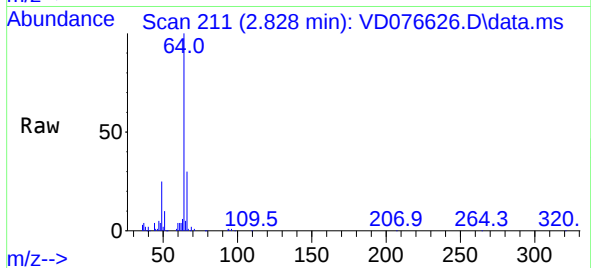




#8
Chloroethane
Concen: 24.987 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

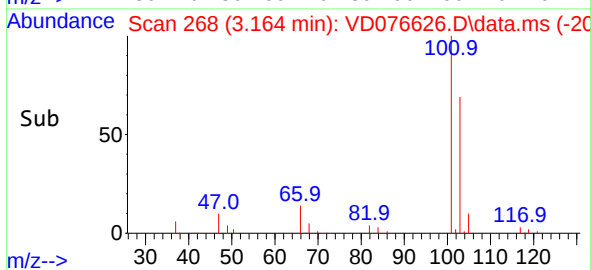
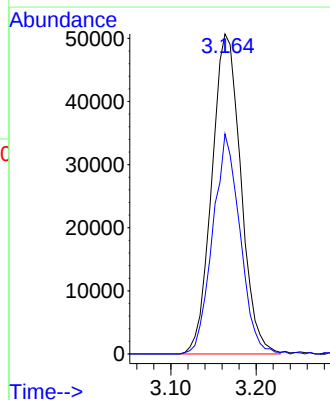
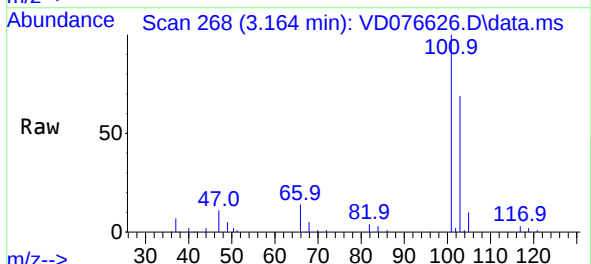
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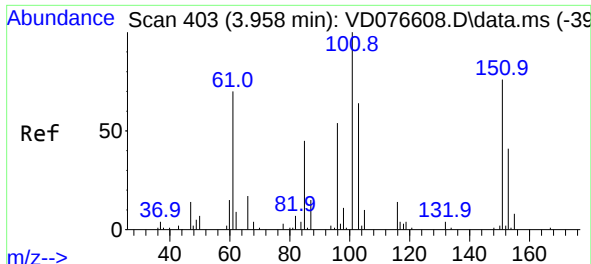
Tgt Ion: 64 Resp: 87487
Ion Ratio Lower Upper
64 100
66 30.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.994 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion:101 Resp: 119828
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

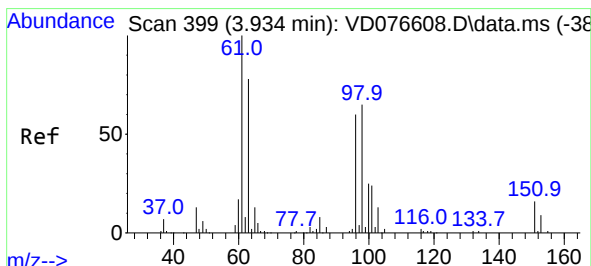
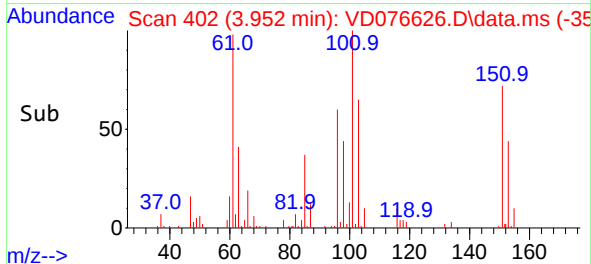
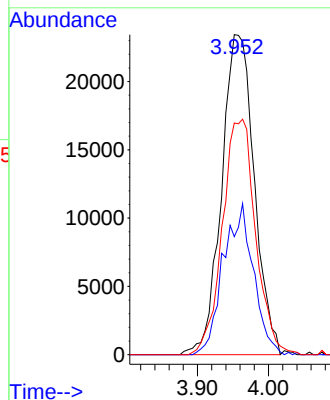
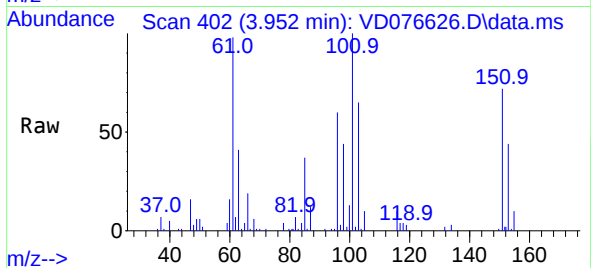




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.909 ug/L
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

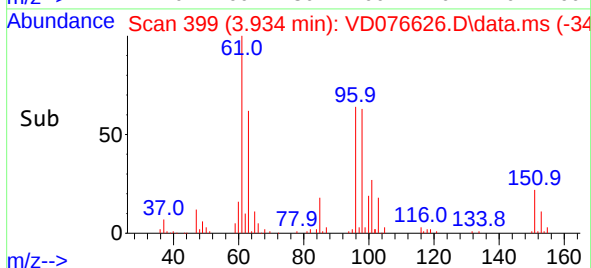
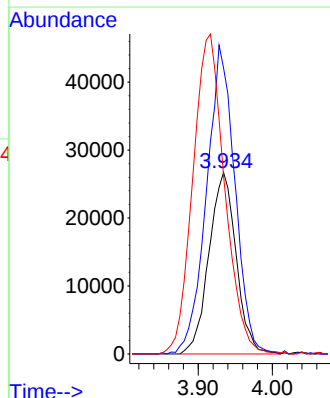
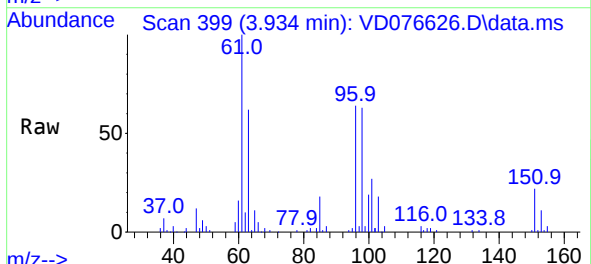
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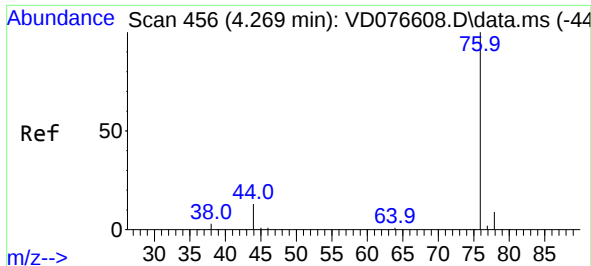
Tgt Ion:101 Resp: 74817
Ion Ratio Lower Upper
101 100
85 19.6 35.5 53.3#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 25.634 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

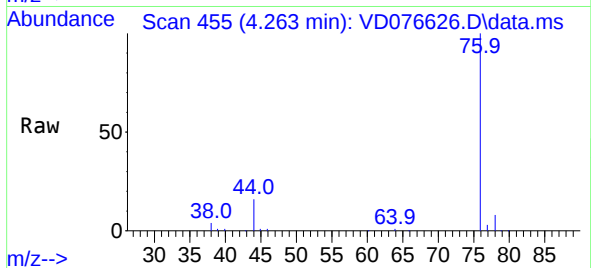
Tgt Ion: 96 Resp: 68048
Ion Ratio Lower Upper
96 100
61 157.4 113.0 209.8
63 98.2 83.6 155.2



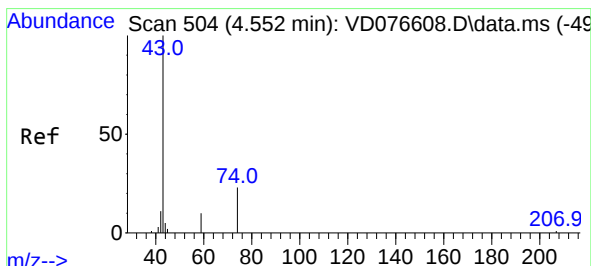
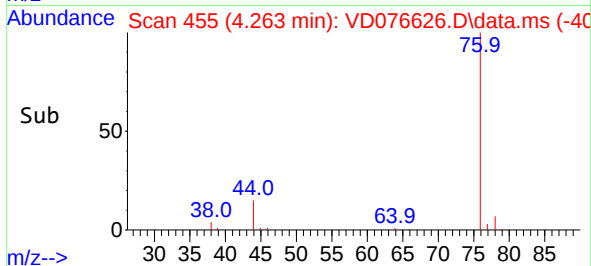
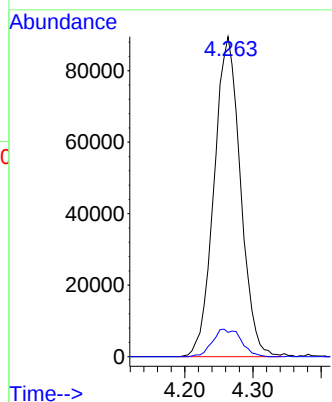


#14
Carbon disulfide
Concen: 25.081 ug/L
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

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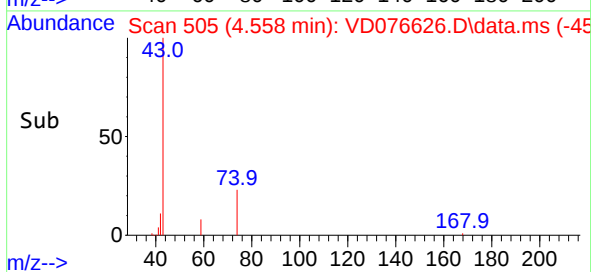
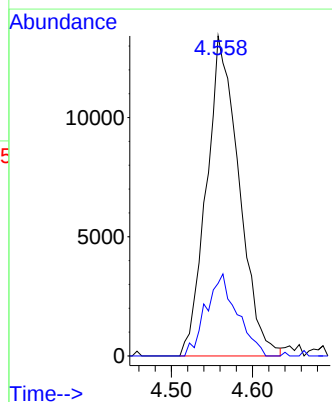
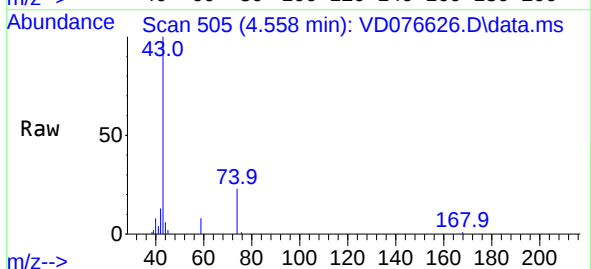


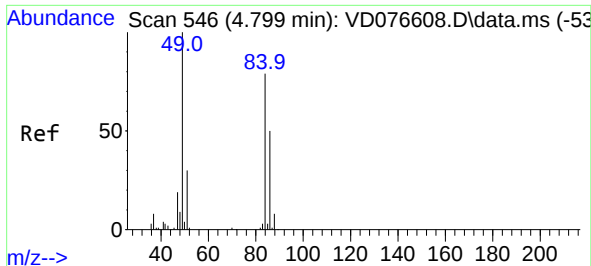
Tgt Ion: 76 Resp: 241352
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.4



#15
Methyl Acetate
Concen: 26.862 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 43 Resp: 37364
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.2

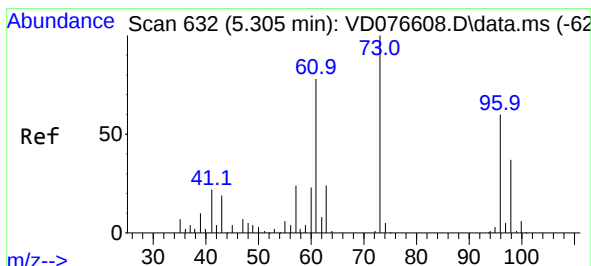
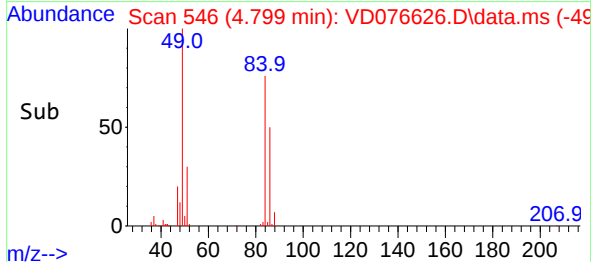
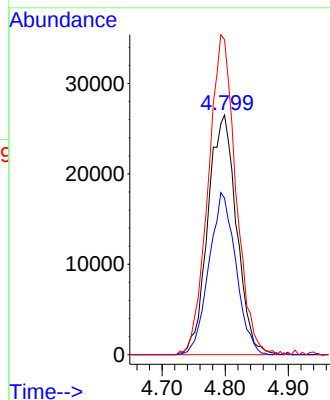
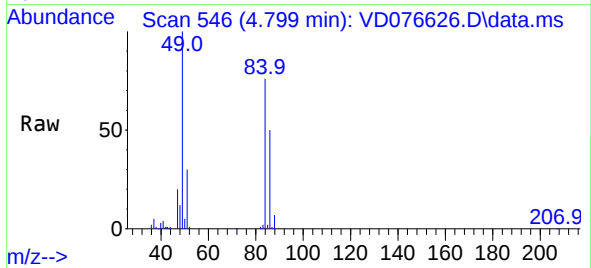




#16
Methylene chloride
Concen: 23.504 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

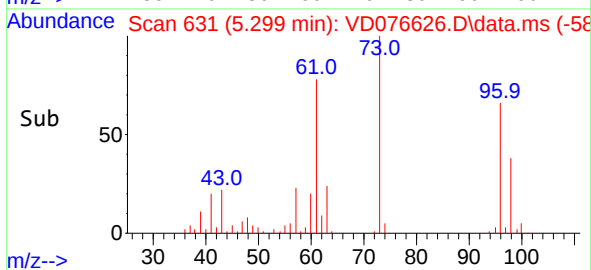
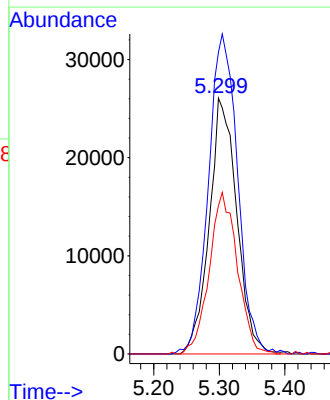
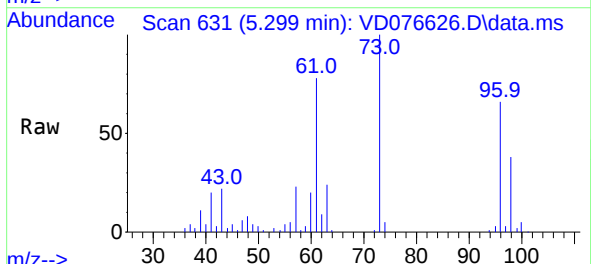
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

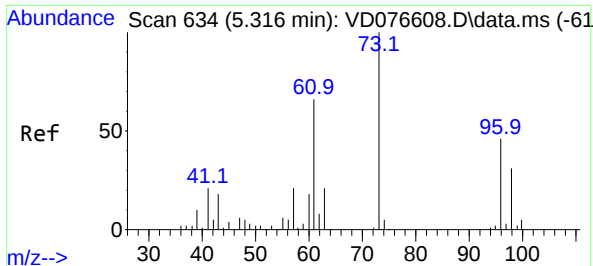
Tgt Ion:	84	Resp:	83561
Ion Ratio	Lower	Upper	
84	100		
86	65.3	45.1	83.9
49	131.4	97.2	180.6



#17
trans-1,2-Dichloroethene
Concen: 25.705 ug/L
RT: 5.299 min Scan# 631
Delta R.T. -0.012 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion:	96	Resp:	76077
Ion Ratio	Lower	Upper	
96	100		
61	117.9	94.5	175.5
98	57.9	46.0	85.4

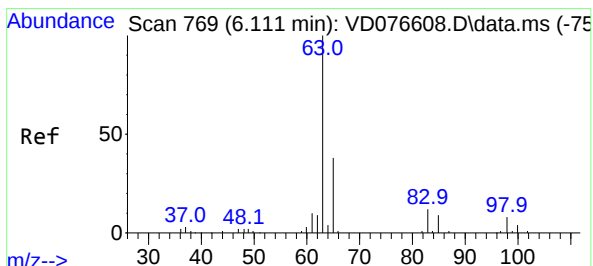
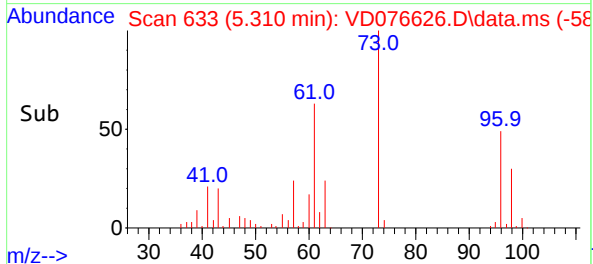
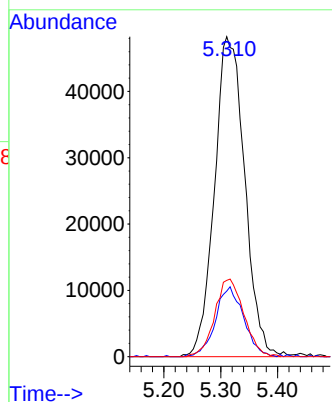
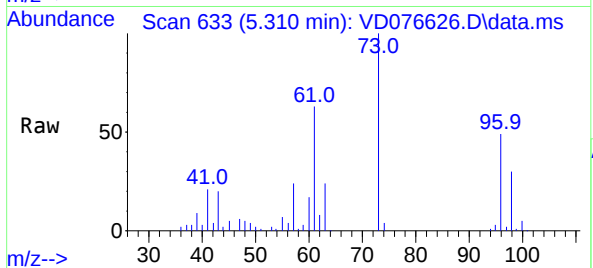




#18
Methyl tert-butyl Ether
Concen: 26.359 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

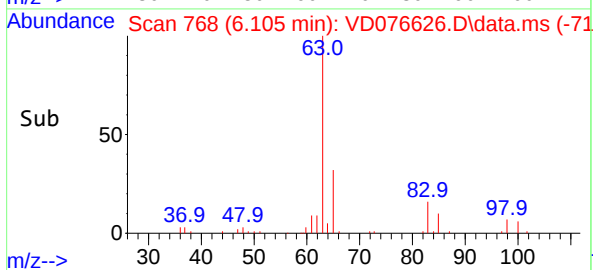
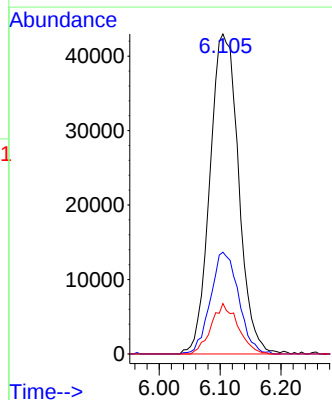
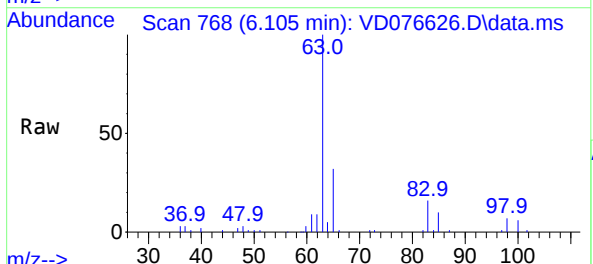
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

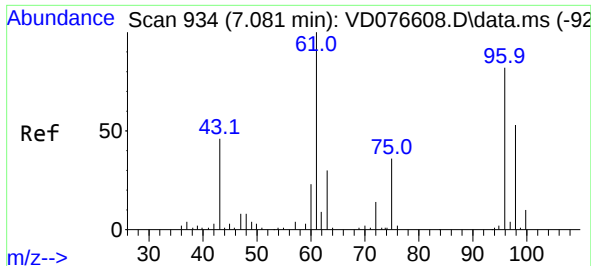
Tgt Ion: 73 Resp: 177604
Ion Ratio Lower Upper
73 100
43 20.4 7.2 10.8#
57 23.4 18.6 28.0



#19
1,1-Dichloroethane
Concen: 25.975 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 63 Resp: 140549
Ion Ratio Lower Upper
63 100
65 31.8 20.8 38.6
83 15.8 8.9 16.5

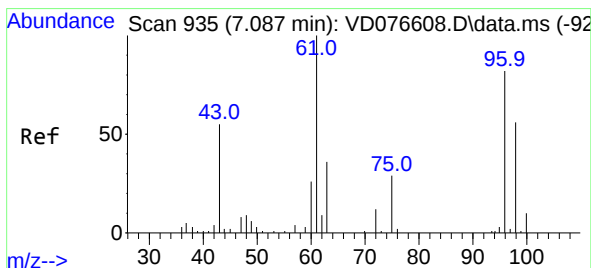
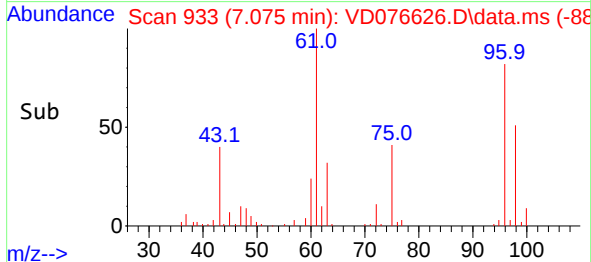
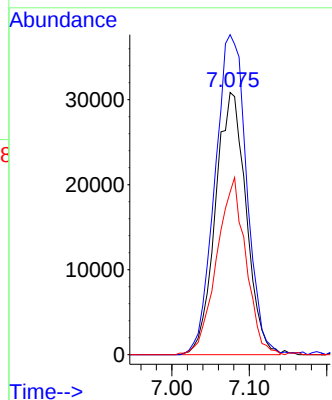
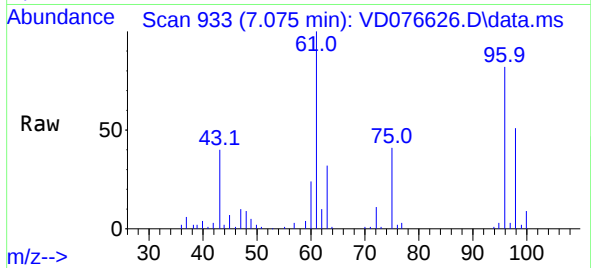




#20
cis-1,2-Dichloroethene
Concen: 25.676 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

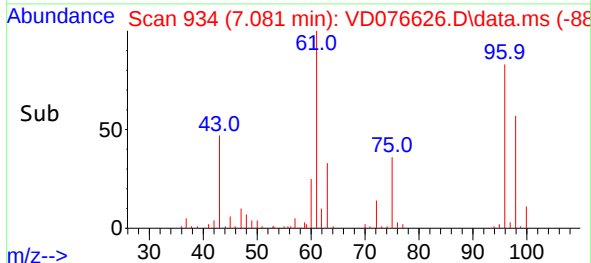
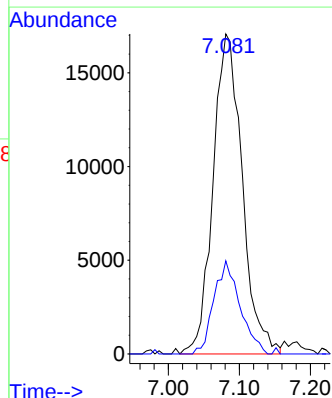
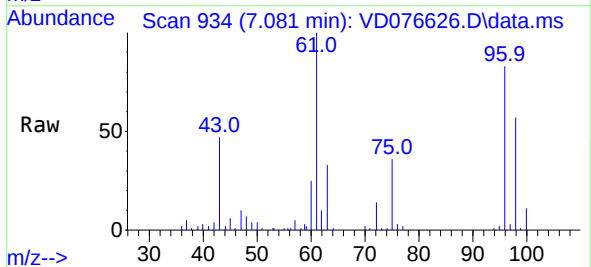
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

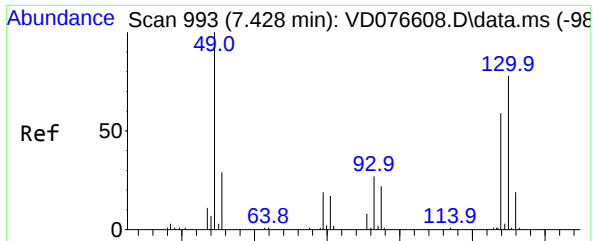
Tgt Ion: 96 Resp: 84867
Ion Ratio Lower Upper
96 100
61 122.0 86.0 159.6
98 62.0 42.2 78.4



#22
2-Butanone
Concen: 49.488 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

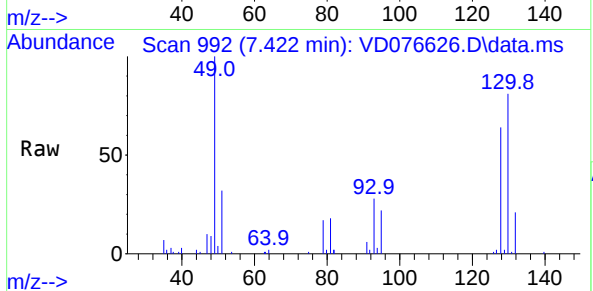
Tgt Ion: 43 Resp: 48662
Ion Ratio Lower Upper
43 100
72 26.1 12.9 38.7





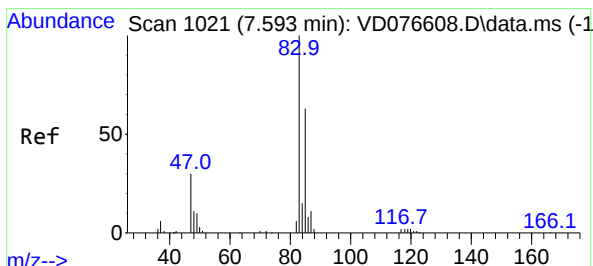
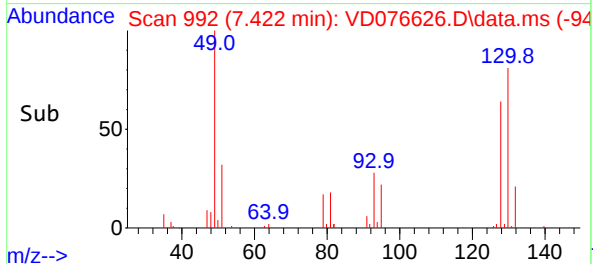
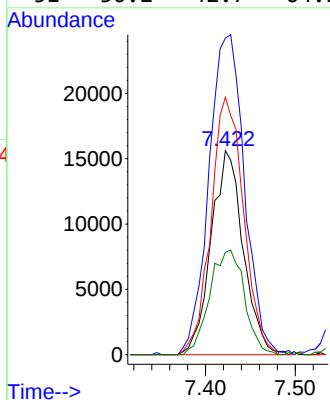
#23
Bromochloromethane
Concen: 27.602 ug/L
RT: 7.422 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD025163



Tgt Ion:128 Resp: 38721

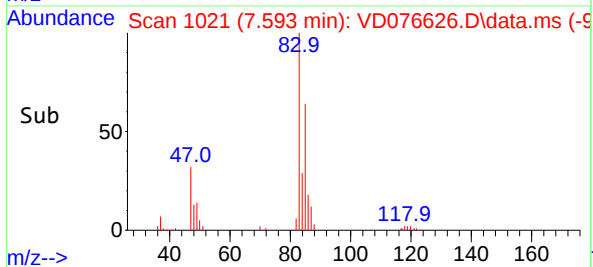
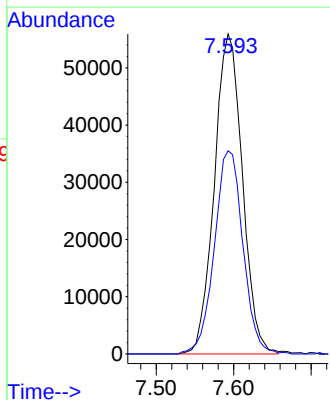
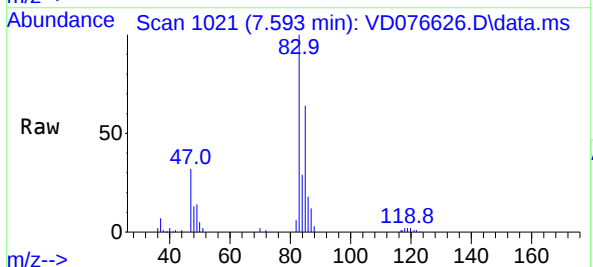
Ion	Ratio	Lower	Upper
128	100		
49	155.1	124.7	231.7
130	126.1	80.0	148.6
51	50.2	42.7	64.1

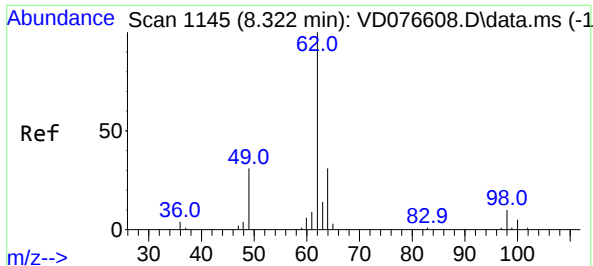


#25
Chloroform
Concen: 26.662 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 83 Resp: 140792

Ion	Ratio	Lower	Upper
83	100		
85	63.5	45.4	84.4

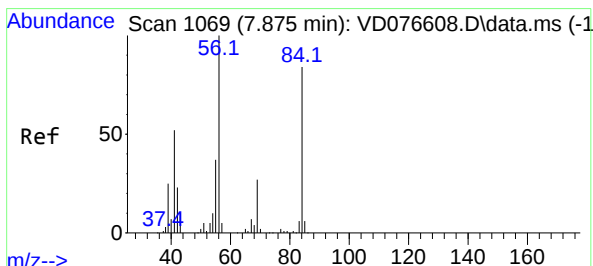
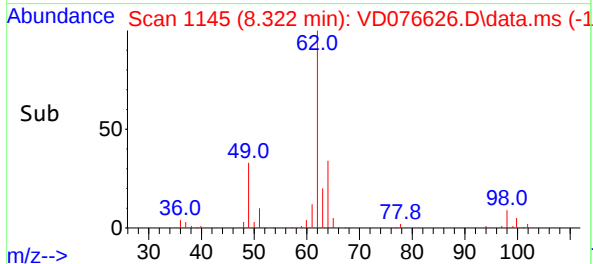
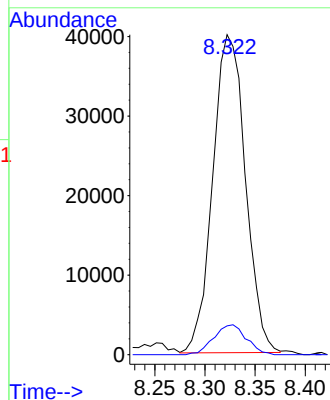
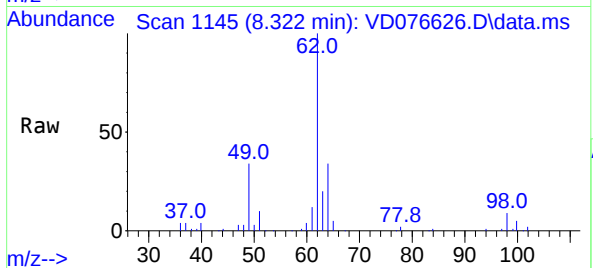




#27
1,2-Dichloroethane
Concen: 27.853 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

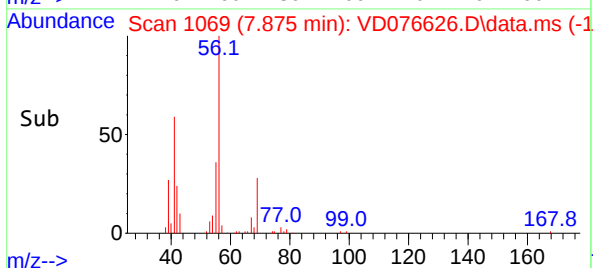
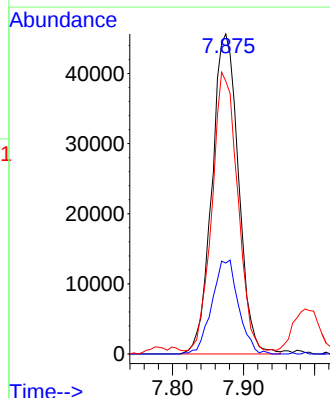
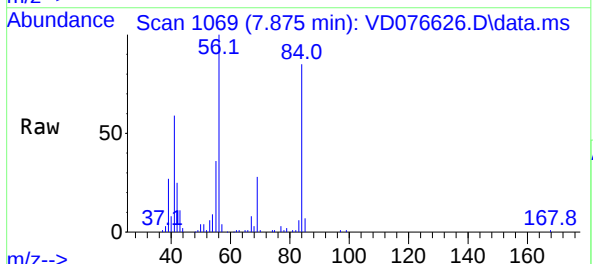
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

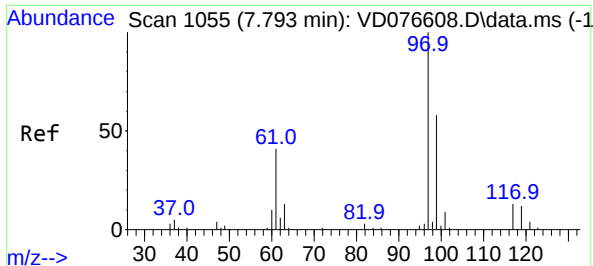
Tgt Ion: 62 Resp: 90453
Ion Ratio Lower Upper
62 100
98 9.0 8.7 13.1



#29
Cyclohexane
Concen: 23.576 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 56 Resp: 118297
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 86.1 66.3 99.5



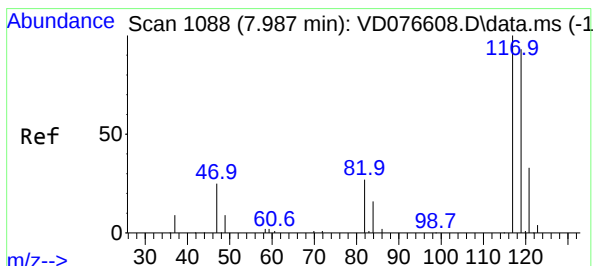
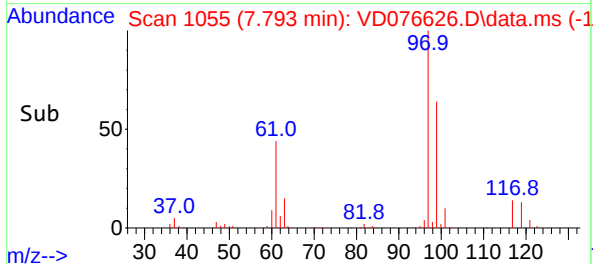
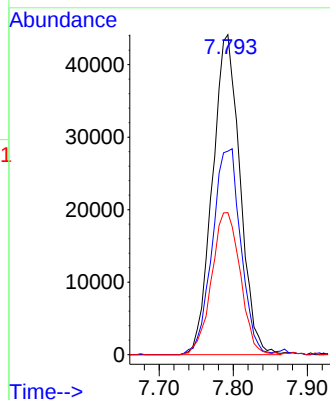
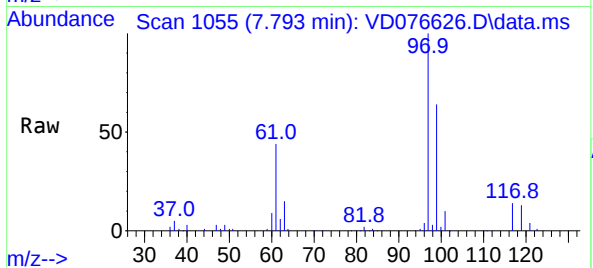


#30
1,1,1-Trichloroethane
Concen: 25.994 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

Tgt Ion: 97 Resp: 113944

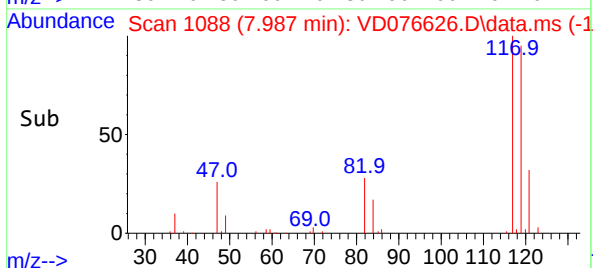
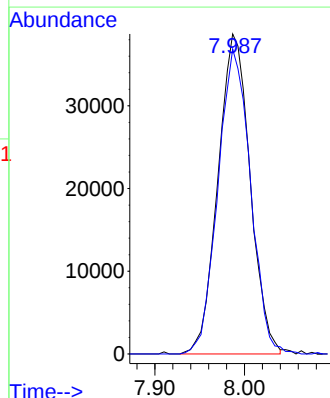
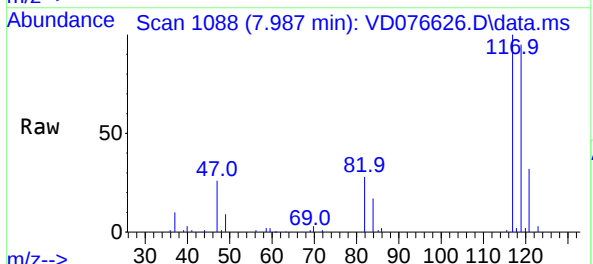
Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.0	76.6
61	46.1	36.4	54.6

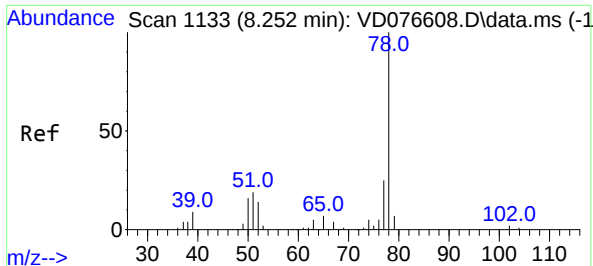


#31
Carbon tetrachloride
Concen: 27.464 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 117 Resp: 96280

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.6

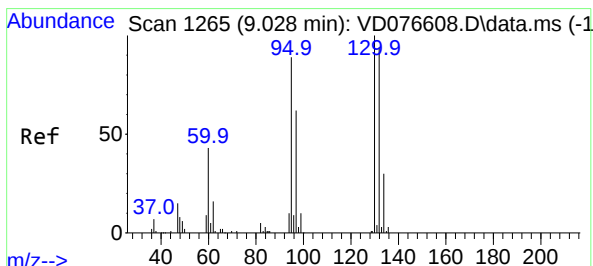
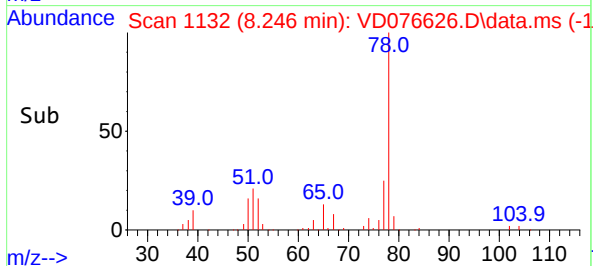
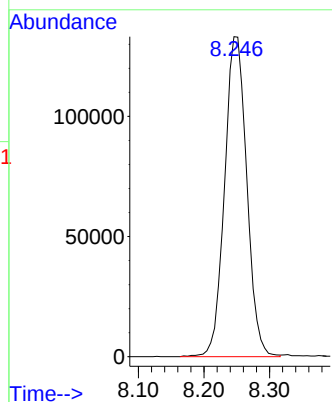
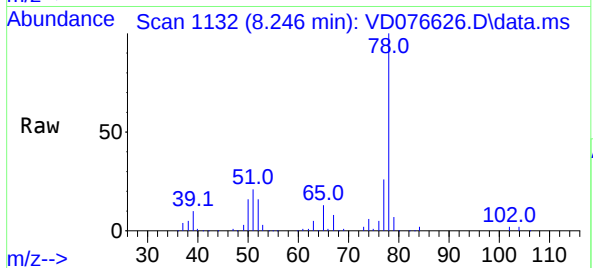




#33
Benzene
Concen: 25.055 ug/L
RT: 8.246 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

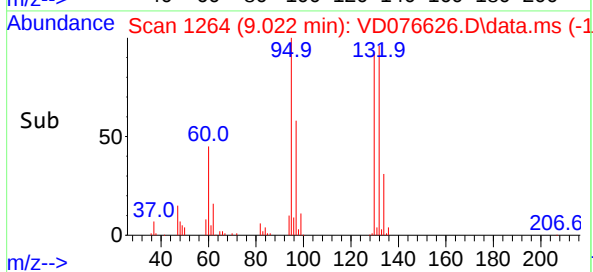
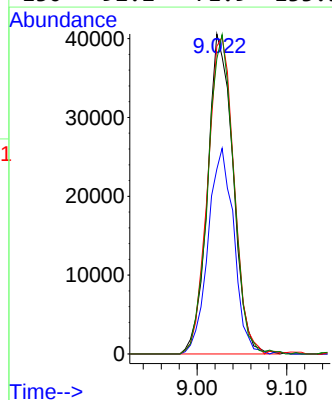
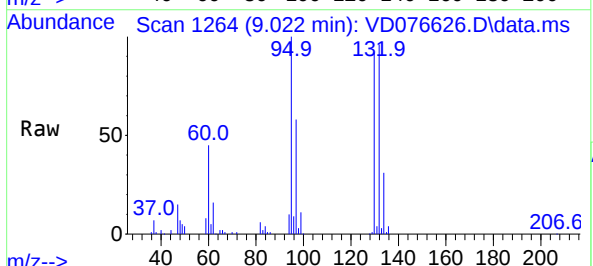
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

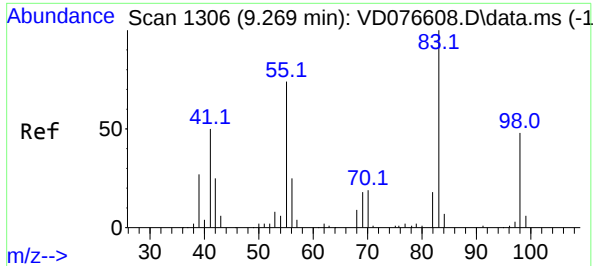
Tgt Ion: 78 Resp: 312900



#34
Trichloroethene
Concen: 24.990 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 95 Resp: 80169
Ion Ratio Lower Upper
95 100
97 57.7 43.1 80.1
132 96.1 71.8 133.4
130 92.2 71.9 133.5

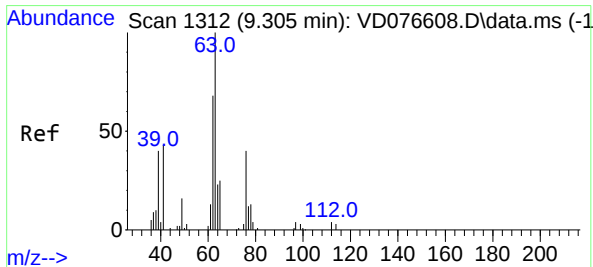
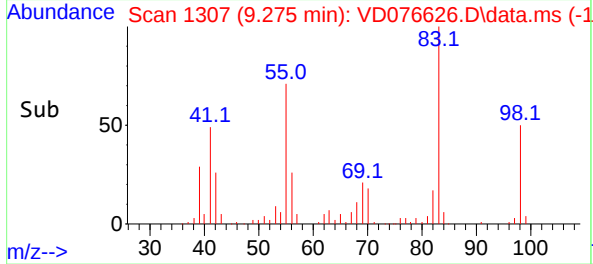
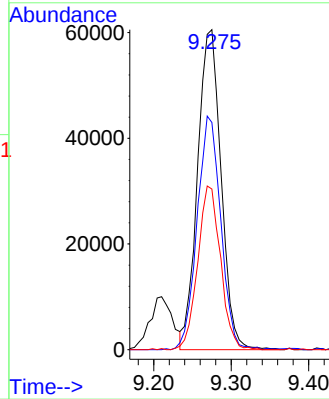
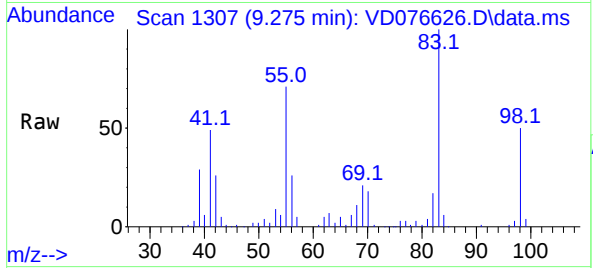




#35
Methylcyclohexane
Concen: 24.691 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

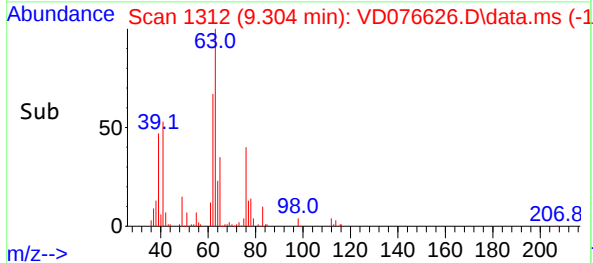
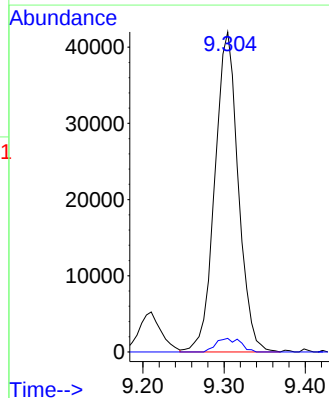
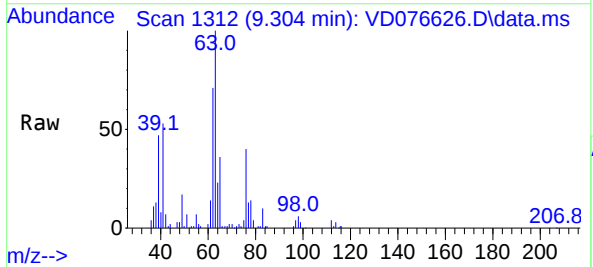
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

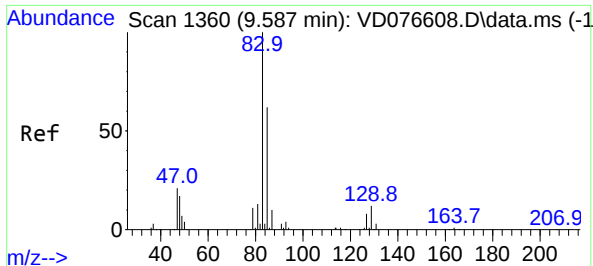
Tgt Ion: 83 Resp: 127733
Ion Ratio Lower Upper
83 100
55 73.2 59.8 89.6
98 49.3 37.8 56.6



#37
1,2-Dichloropropane
Concen: 24.774 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 63 Resp: 84347
Ion Ratio Lower Upper
63 100
112 3.0 3.1 4.7#

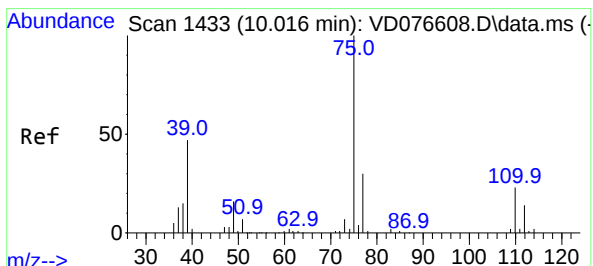
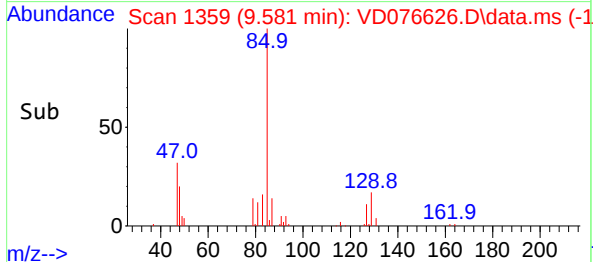
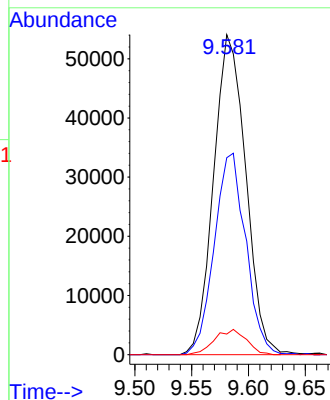
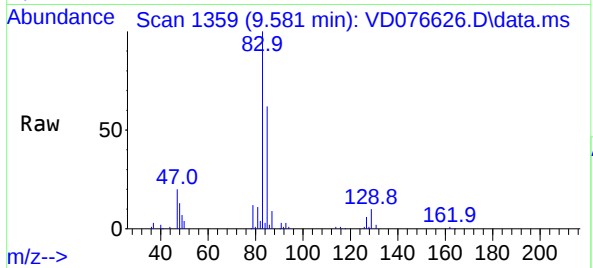




#38
Bromodichloromethane
Concen: 27.352 ug/L
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

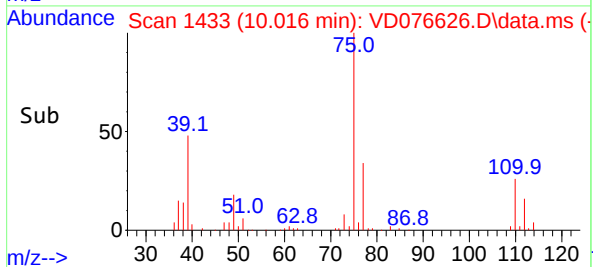
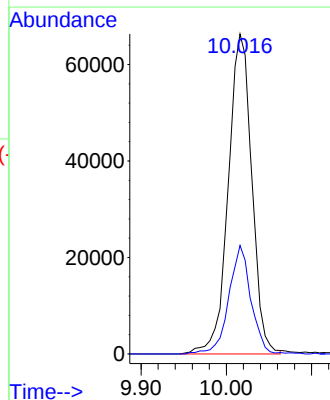
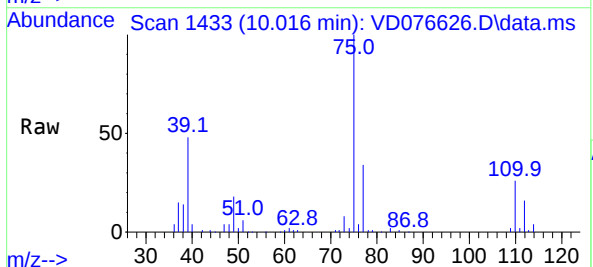
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

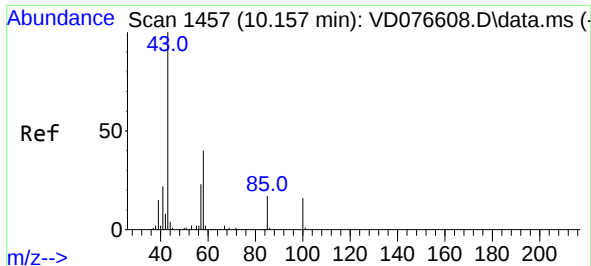
Tgt Ion: 83 Resp: 106216
Ion Ratio Lower Upper
83 100
85 61.6 43.9 81.5
127 6.5 6.6 9.8#



#39
cis-1,3-Dichloropropene
Concen: 24.503 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 75 Resp: 127387
Ion Ratio Lower Upper
75 100
77 33.9 22.7 42.3

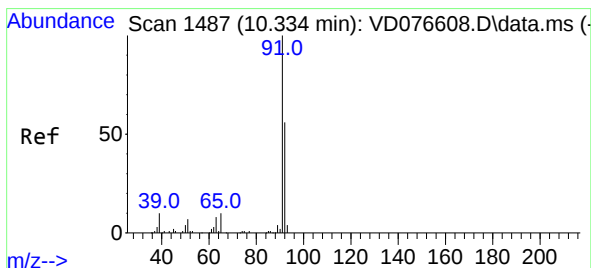
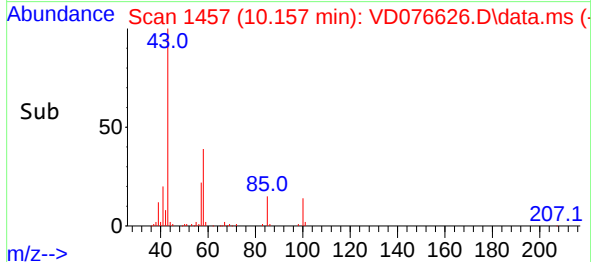
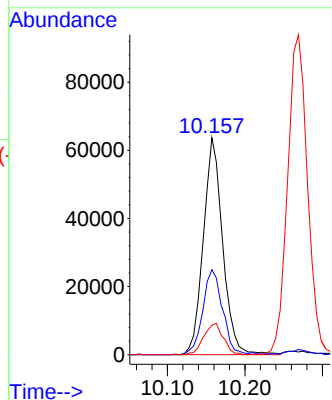
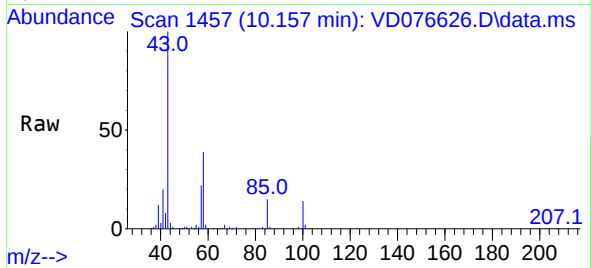




#40
4-Methyl-2-pentanone
Concen: 52.200 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

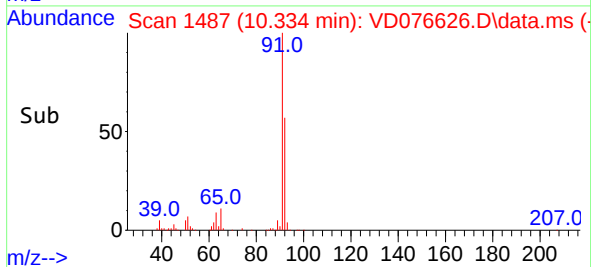
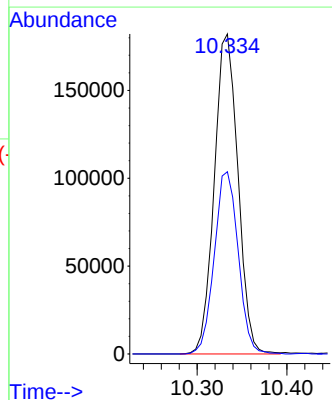
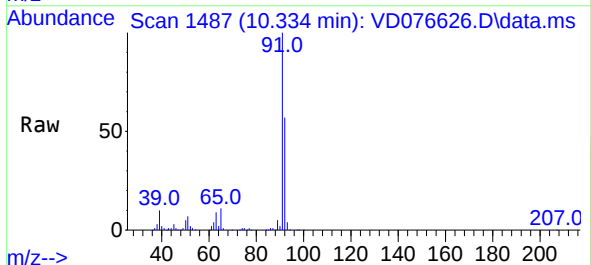
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

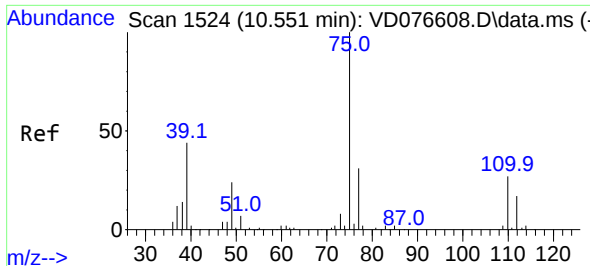
Tgt Ion: 43 Resp: 110562
Ion Ratio Lower Upper
43 100
58 39.7 30.7 46.1
100 14.5 11.0 16.4



#42
Toluene
Concen: 25.006 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 91 Resp: 333709
Ion Ratio Lower Upper
91 100
92 56.9 39.3 73.1

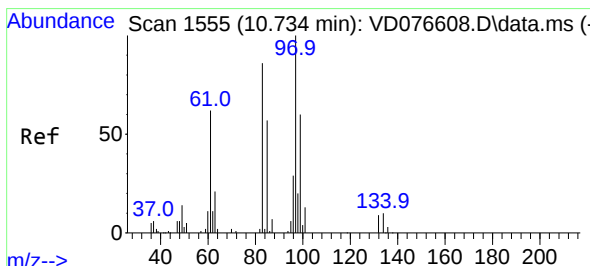
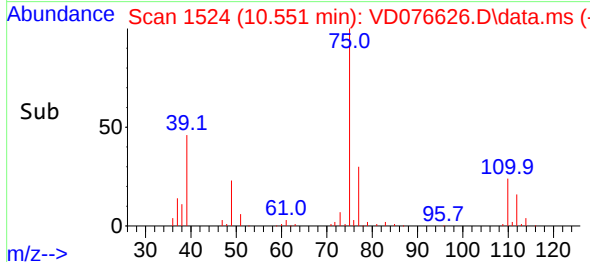
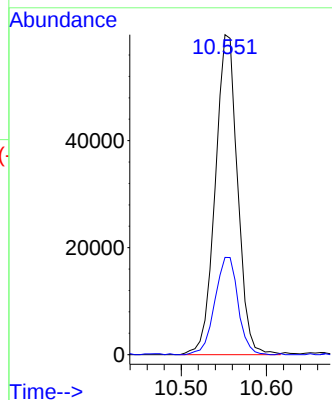
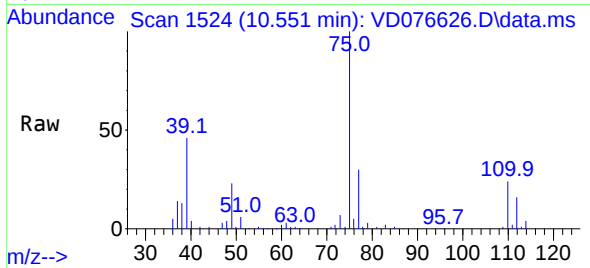




#44
trans-1,3-Dichloropropene
Concen: 25.772 ug/L
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

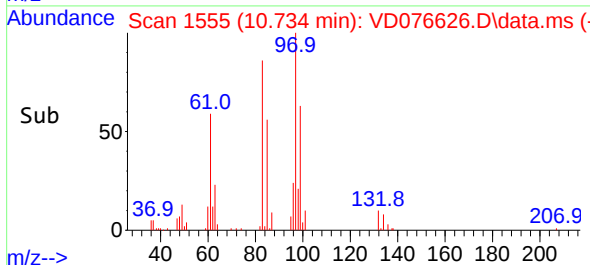
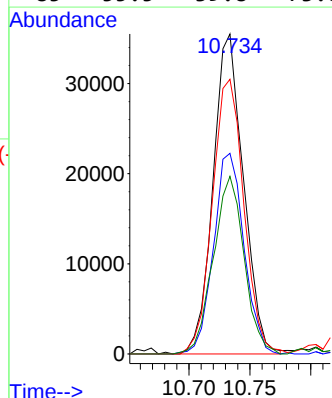
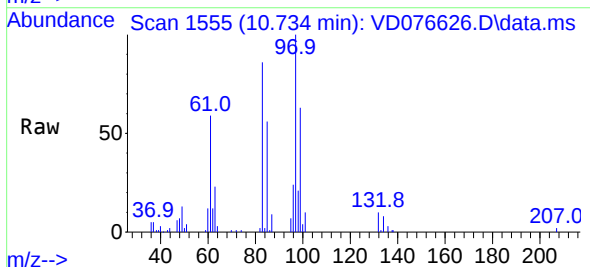
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

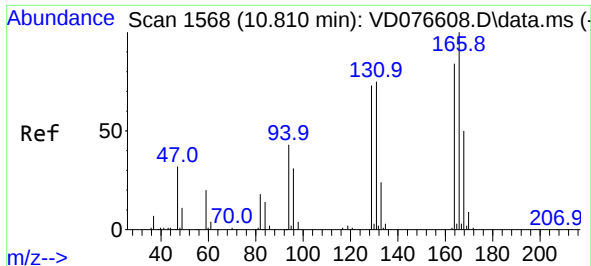
Tgt Ion: 75 Resp: 108910
Ion Ratio Lower Upper
75 100
77 30.4 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 26.346 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 97 Resp: 61527
Ion Ratio Lower Upper
97 100
99 62.7 41.9 77.9
83 85.8 59.2 110.0
85 55.5 39.8 73.8



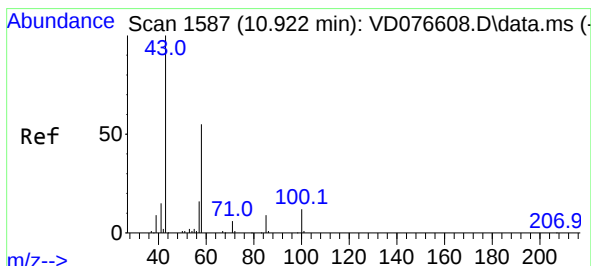
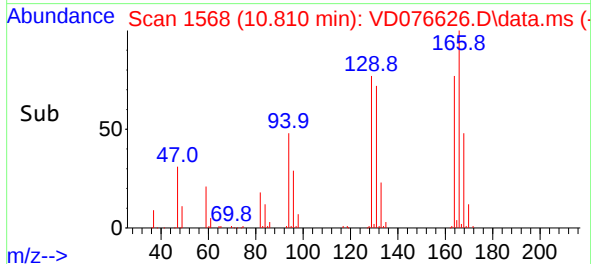
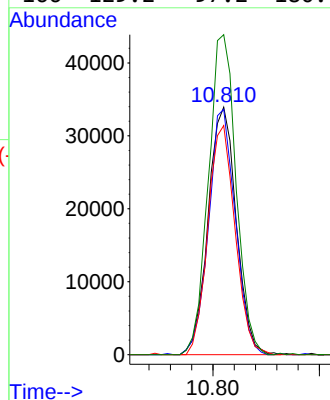
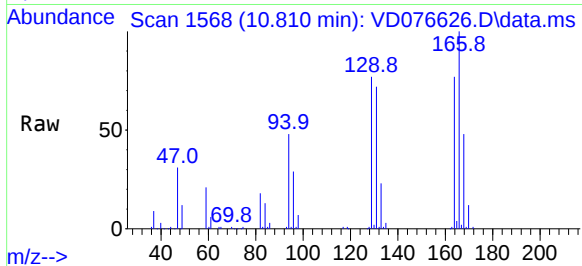


#46
Tetrachloroethene
Concen: 24.663 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

Tgt Ion:164 Resp: 62200

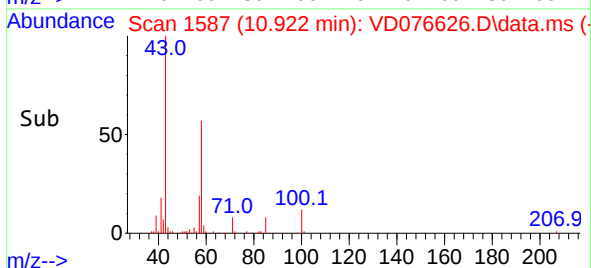
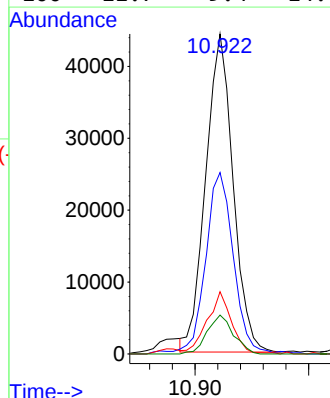
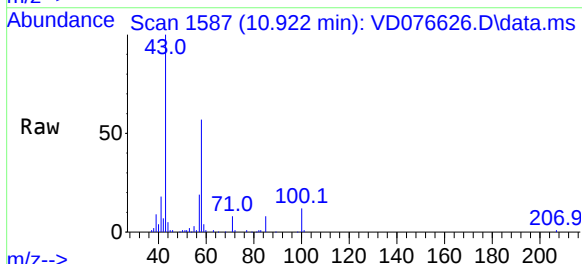
Ion	Ratio	Lower	Upper
164	100		
129	99.1	65.5	121.6
131	92.5	64.8	120.3
166	129.2	97.2	180.4

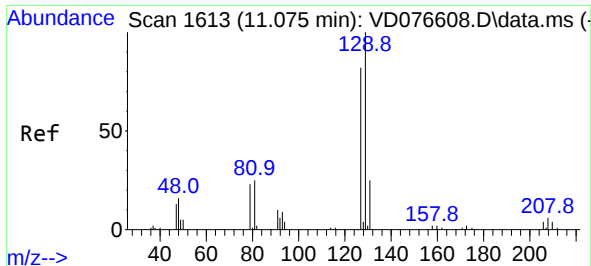


#48
2-Hexanone
Concen: 51.137 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 43 Resp: 74180

Ion	Ratio	Lower	Upper
43	100		
58	57.3	42.9	64.3
57	17.4	13.7	20.5
100	11.7	9.4	14.0





#49

Dibromochloromethane

Concen: 27.646 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD076626.D

Acq: 28 Jun 2023 19:54

Instrument :

MSVOA_D

ClientSampleId :

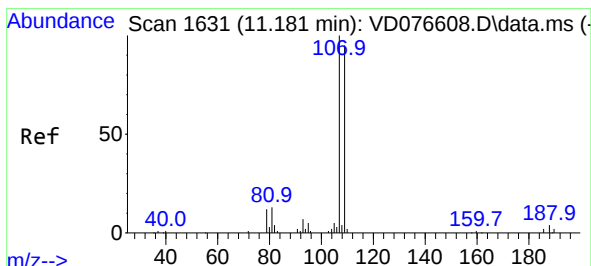
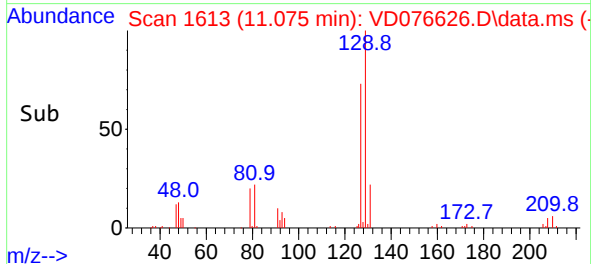
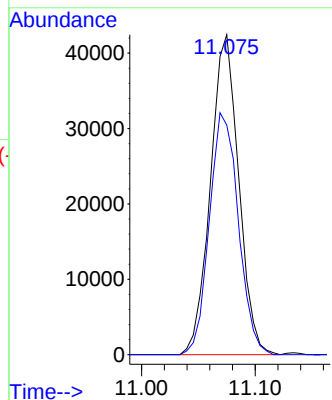
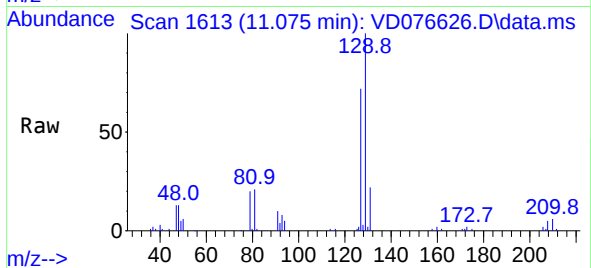
VSTD025163

Tgt Ion:129 Resp: 73373

Ion Ratio Lower Upper

129 100

127 71.8 55.2 102.6



#50

1,2-Dibromoethane

Concen: 26.508 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD076626.D

Acq: 28 Jun 2023 19:54

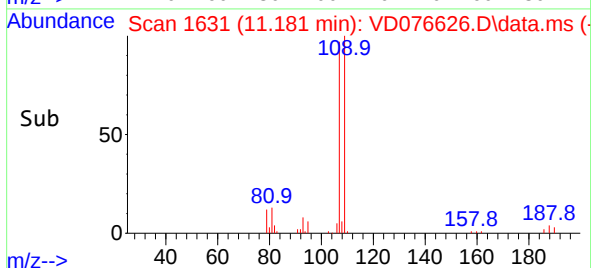
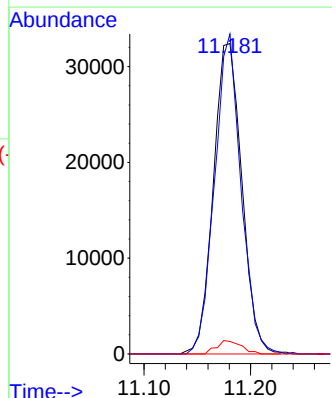
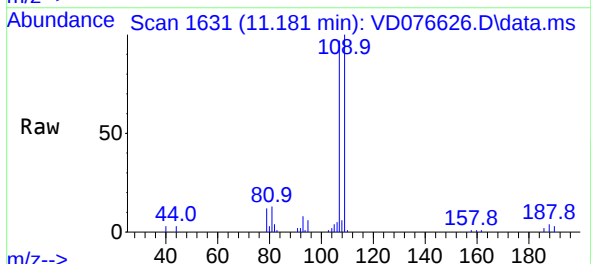
Tgt Ion:107 Resp: 60084

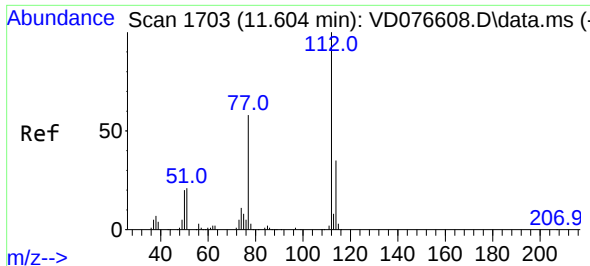
Ion Ratio Lower Upper

107 100

109 103.1 58.8 109.2

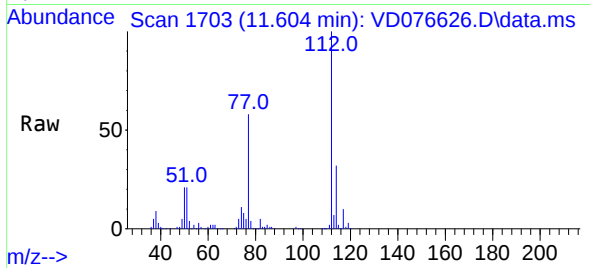
188 4.0 2.9 4.3



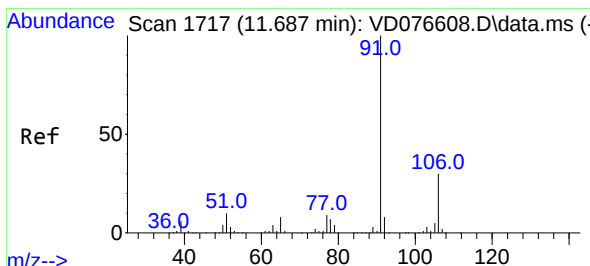
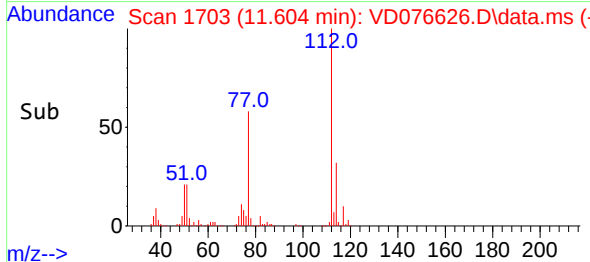
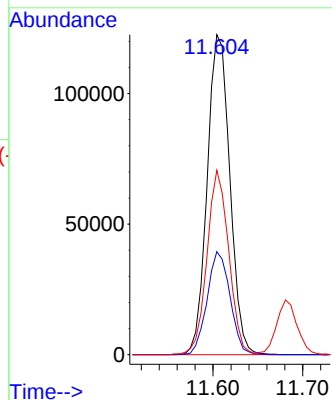


#51
Chlorobenzene
Concen: 25.812 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

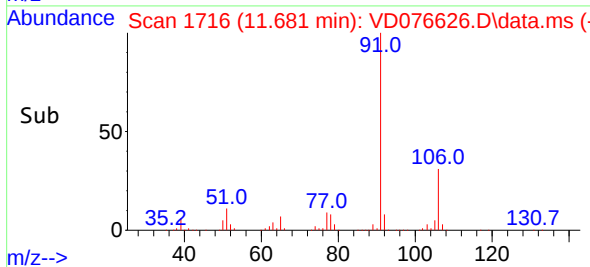
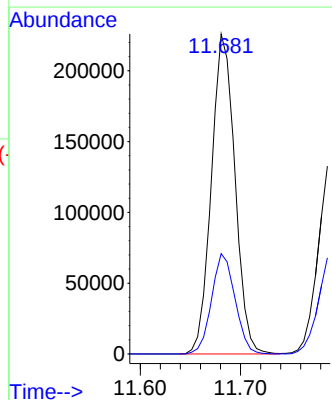
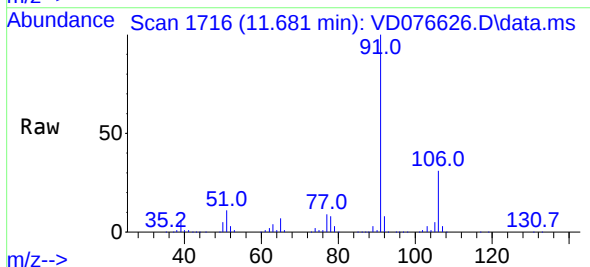


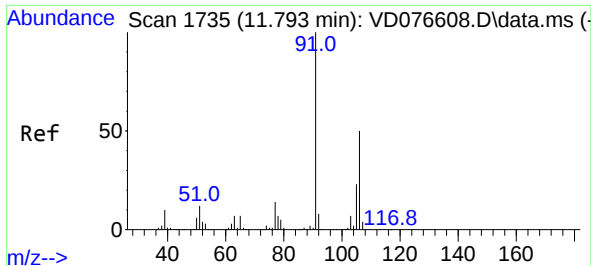
Tgt Ion:112 Resp: 215061
Ion Ratio Lower Upper
112 100
114 32.2 21.5 39.9
77 57.6 43.4 65.2



#52
Ethylbenzene
Concen: 25.653 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 91 Resp: 369001
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6

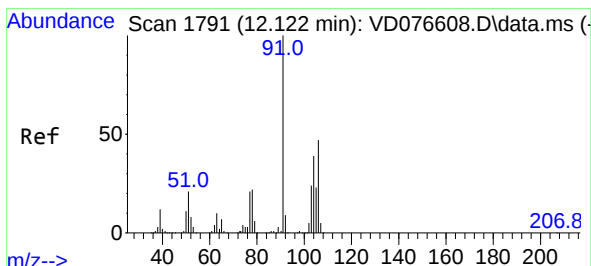
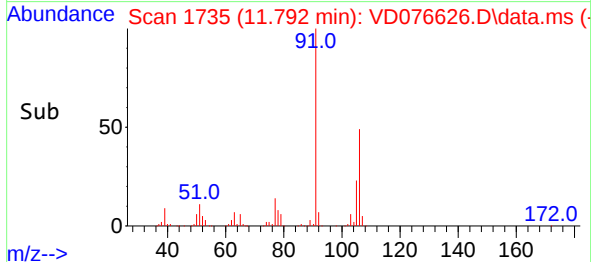
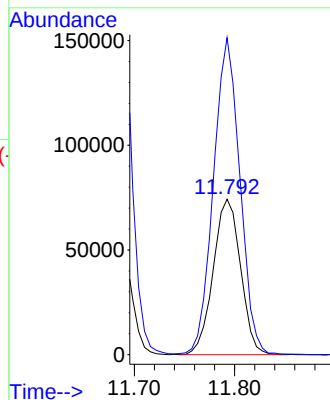
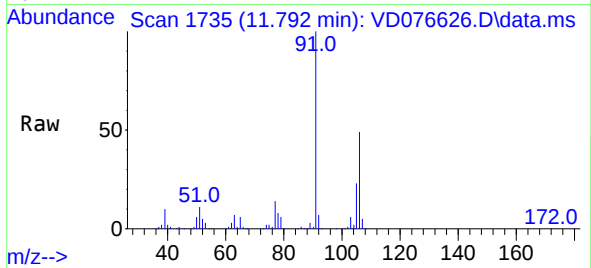




#53
m,p-Xylene
Concen: 24.895 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

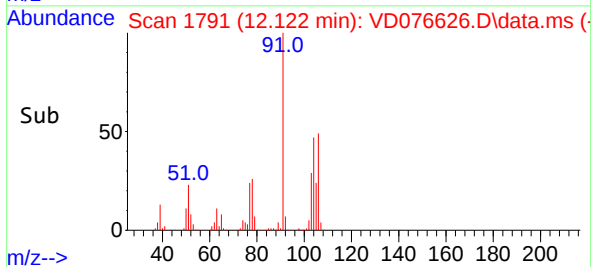
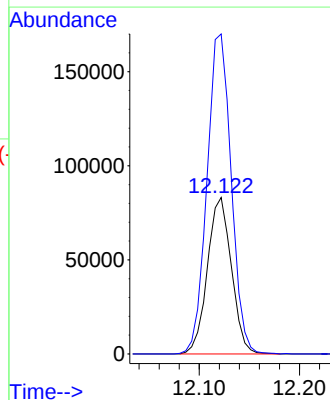
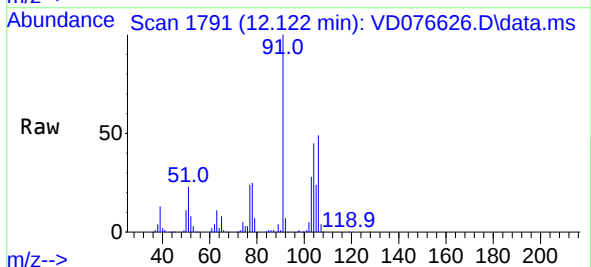
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

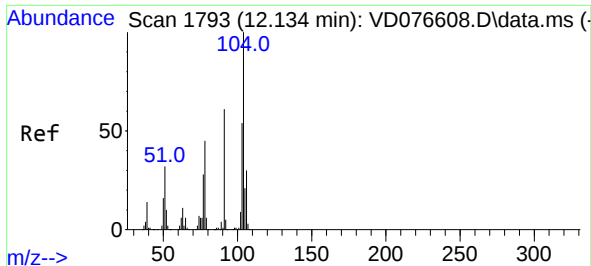
Tgt Ion:106 Resp: 140729
Ion Ratio Lower Upper
106 100
91 203.7 141.5 262.9



#54
o-Xylene
Concen: 25.731 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion:106 Resp: 138491
Ion Ratio Lower Upper
106 100
91 204.5 142.2 264.2

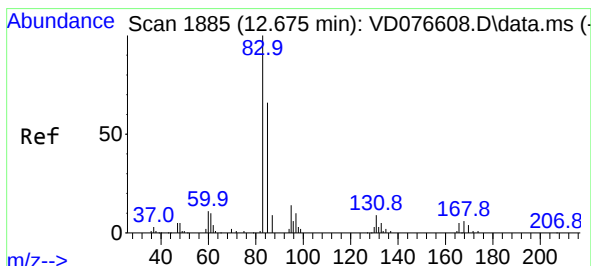
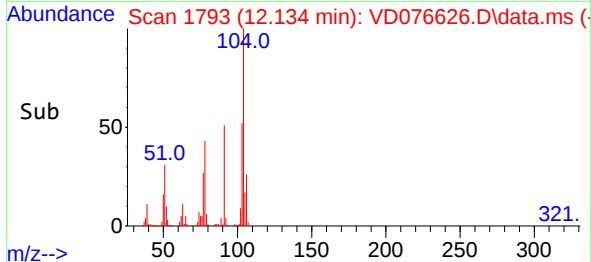
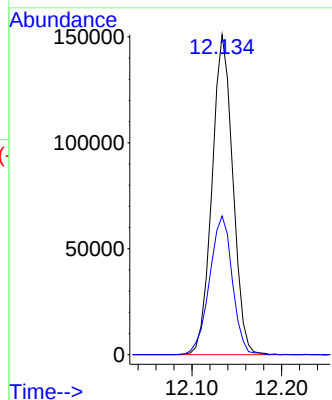
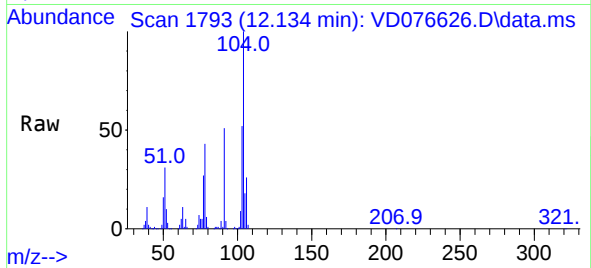




#55
Styrene
Concen: 26.172 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

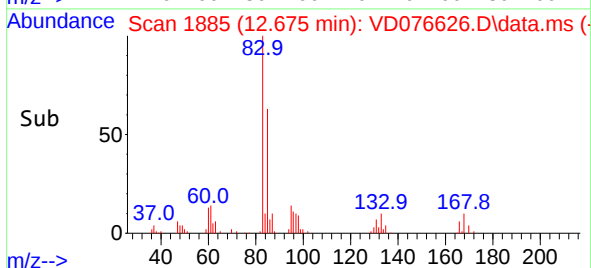
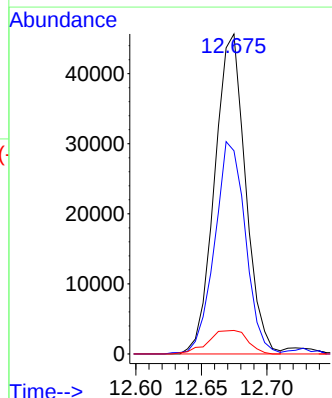
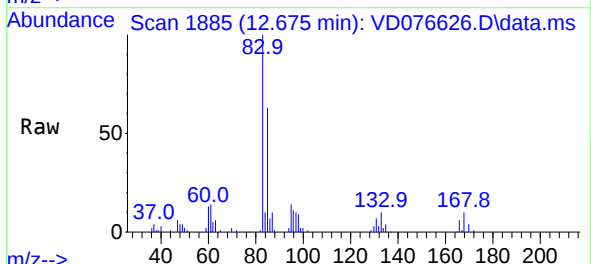
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

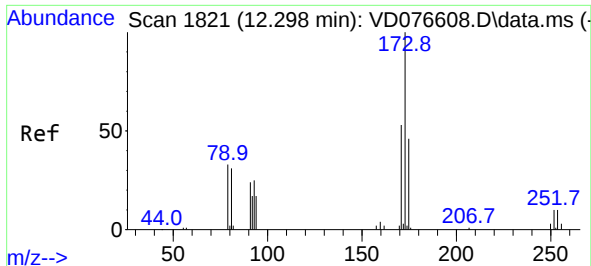
Tgt Ion:104 Resp: 243372
Ion Ratio Lower Upper
104 100
78 43.3 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 27.990 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 83 Resp: 74705
Ion Ratio Lower Upper
83 100
85 63.5 46.3 86.1
131 7.4 7.0 10.4

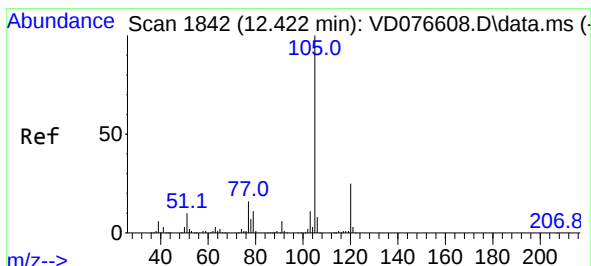
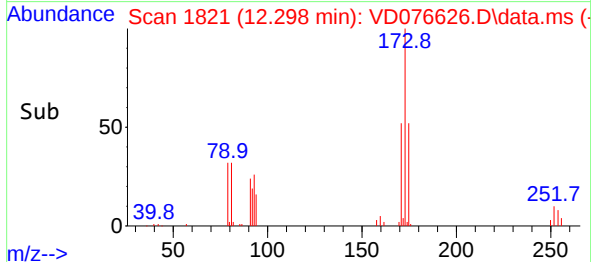
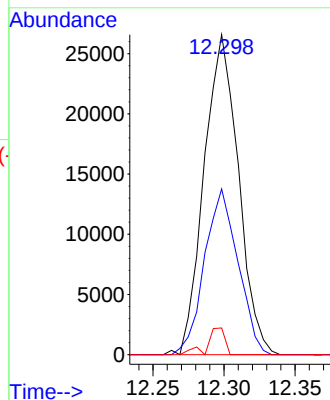
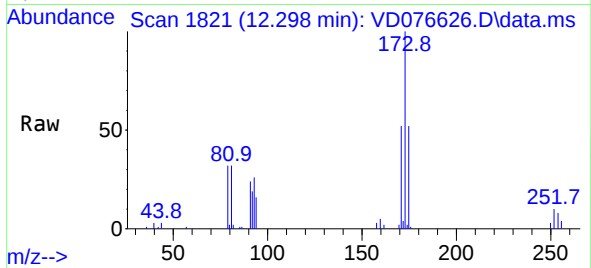




#59
Bromoform
Concen: 25.788 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

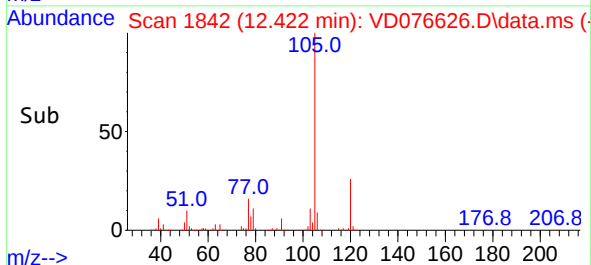
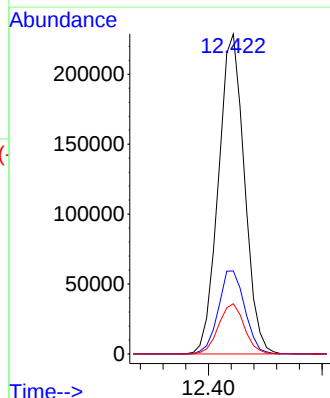
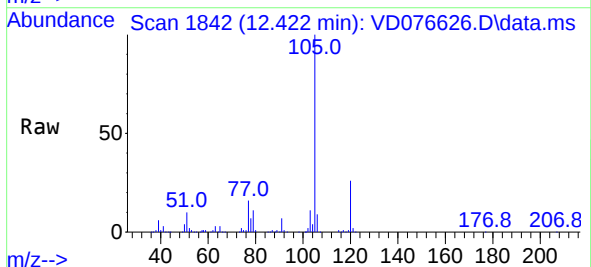
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

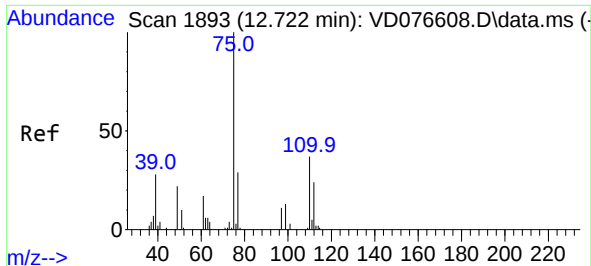
Tgt Ion:173 Resp: 44577
Ion Ratio Lower Upper
173 100
175 50.6 39.0 58.4
254 3.5 5.3 7.9#



#60
Isopropylbenzene
Concen: 24.613 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion:105 Resp: 363518
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.6 12.2 18.4

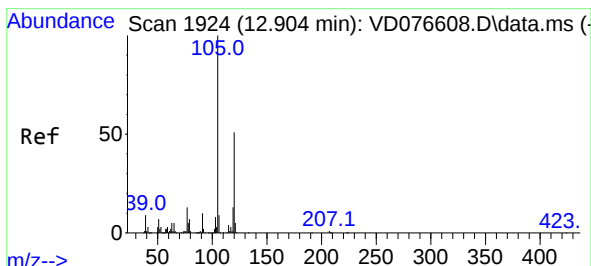
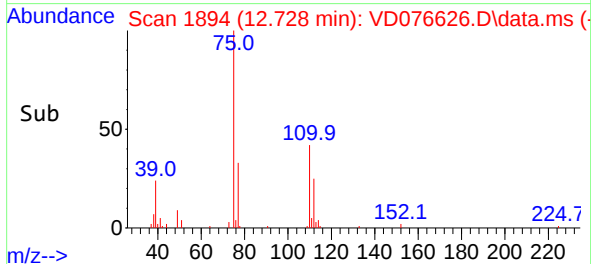
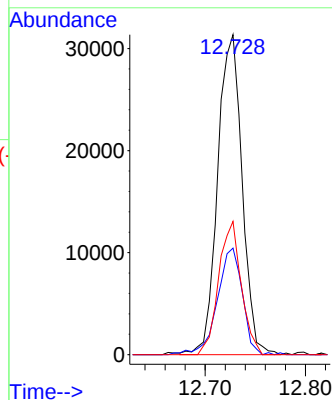
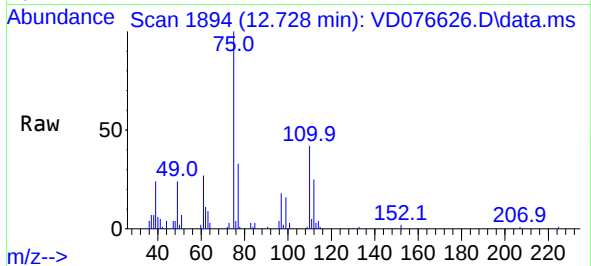




#61
1,2,3-Trichloropropane
Concen: 28.269 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

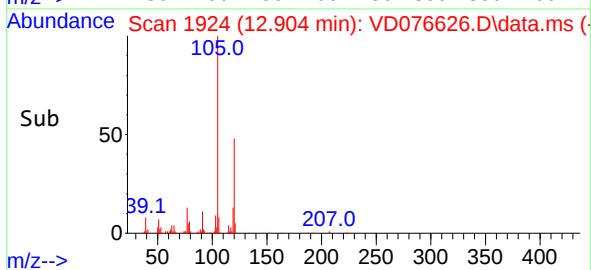
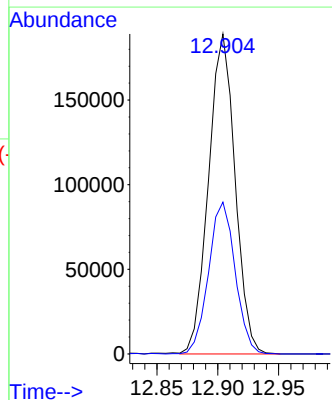
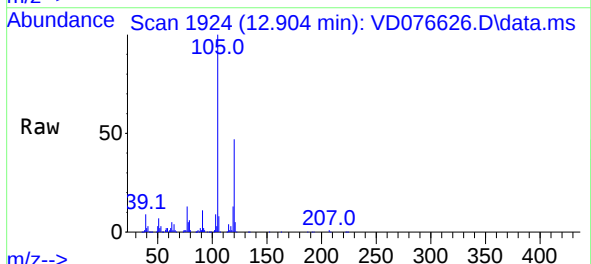
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

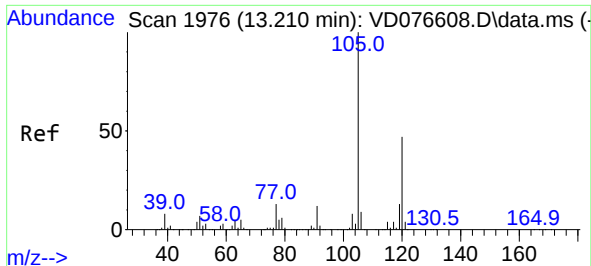
Tgt Ion: 75 Resp: 52976
Ion Ratio Lower Upper
75 100
77 34.0 27.2 40.8
110 38.6 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 24.225 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 105 Resp: 286253
Ion Ratio Lower Upper
105 100
120 47.5 39.8 59.6

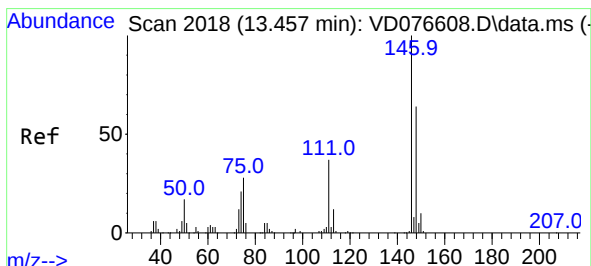
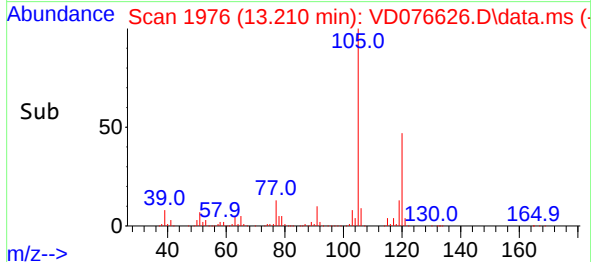
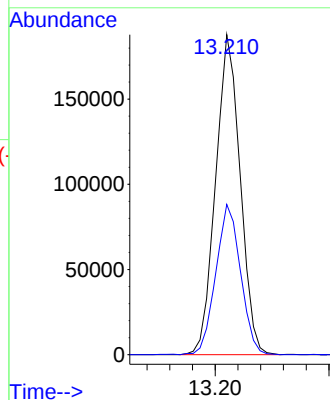
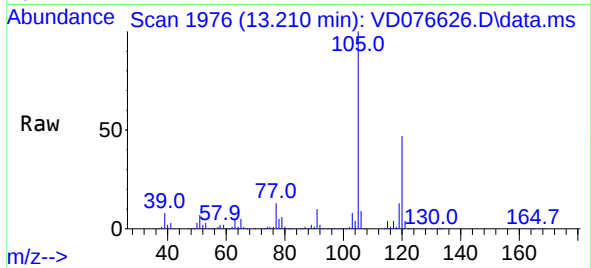




#63
1,2,4-Trimethylbenzene
Concen: 24.163 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

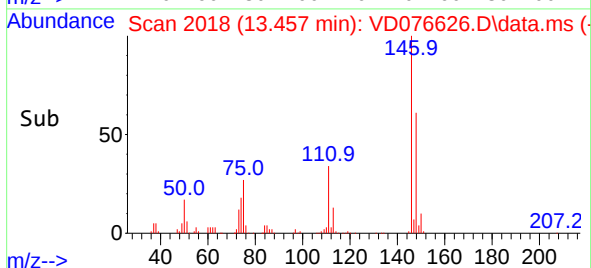
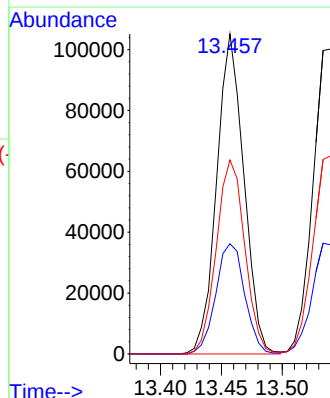
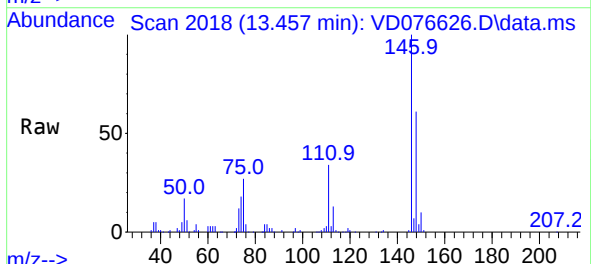
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

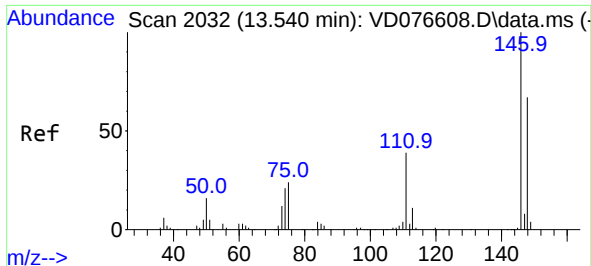
Tgt Ion:105 Resp: 281760
Ion Ratio Lower Upper
105 100
120 47.3 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 24.865 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion:146 Resp: 163379
Ion Ratio Lower Upper
146 100
111 34.4 25.6 47.4
148 60.6 44.3 82.3

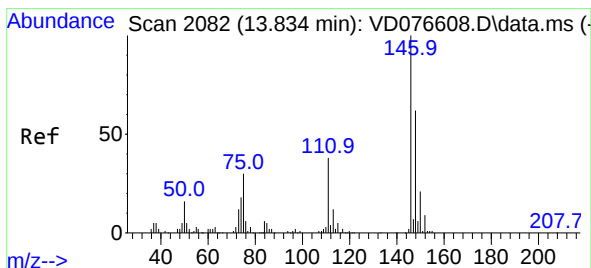
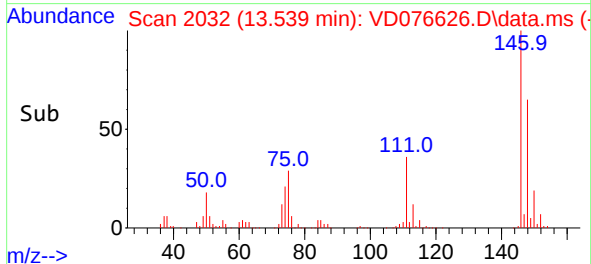
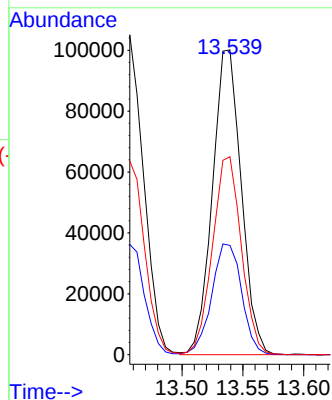
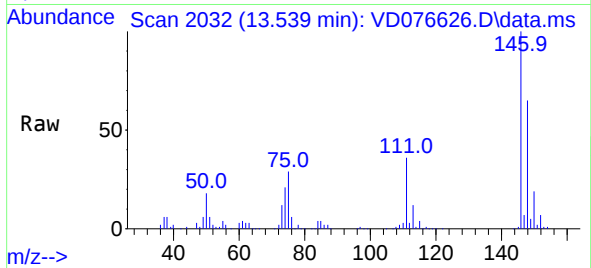




#65
1,4-Dichlorobenzene
Concen: 24.941 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

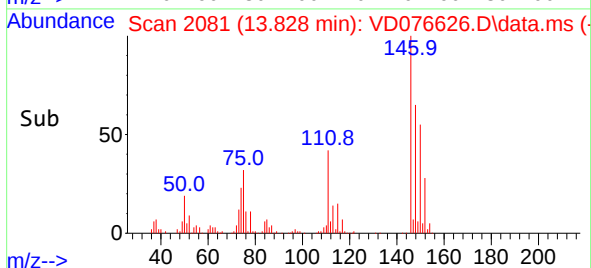
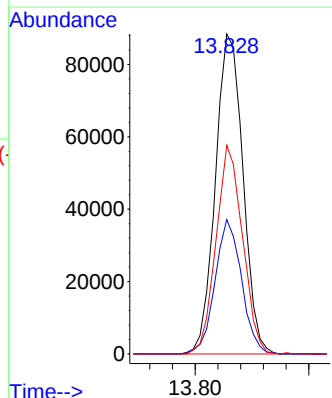
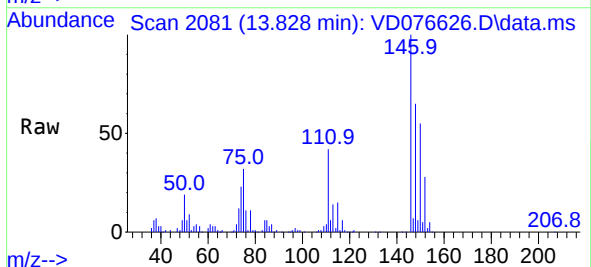
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

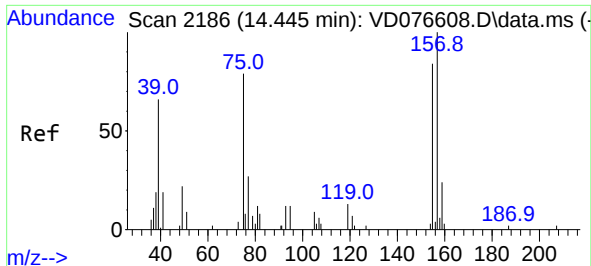
Tgt Ion:146 Resp: 165190
Ion Ratio Lower Upper
146 100
111 35.9 25.7 47.7
148 64.9 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 25.481 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion:146 Resp: 149152
Ion Ratio Lower Upper
146 100
111 42.0 31.3 46.9
148 65.2 51.7 77.5

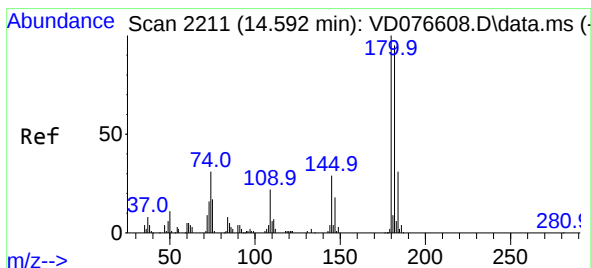
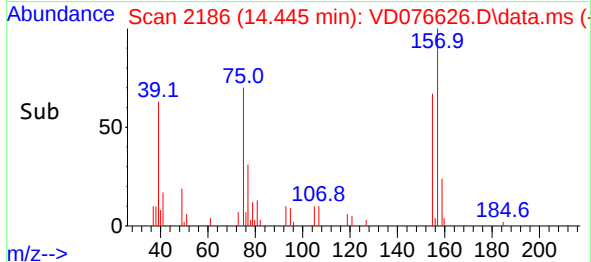
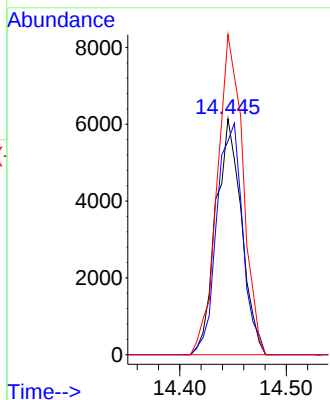
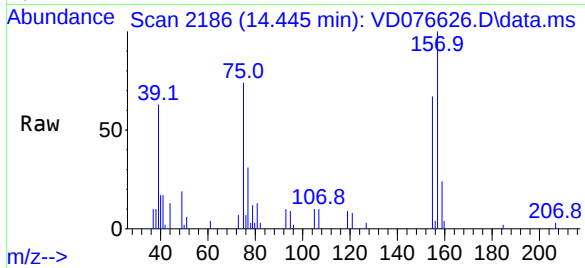




#68
1,2-Dibromo-3-chloropropane
Concen: 24.644 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

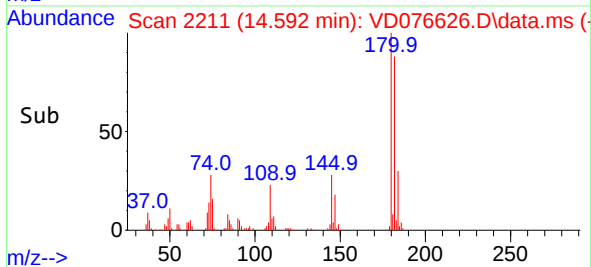
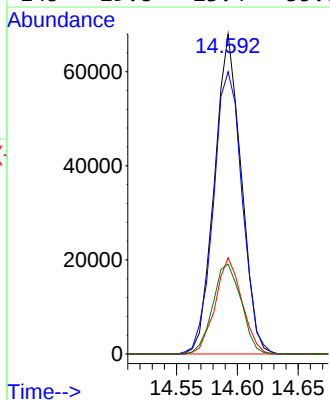
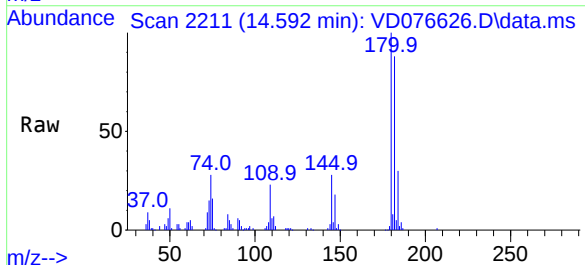
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

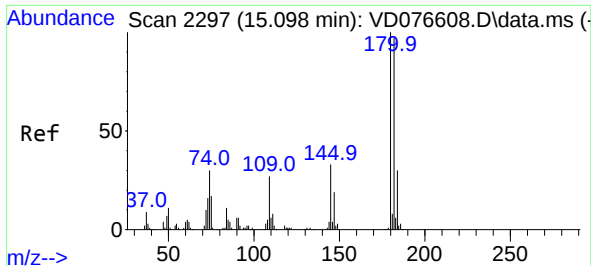
Tgt Ion: 75 Resp: 10292
Ion Ratio Lower Upper
75 100
155 90.5 76.2 114.4
157 135.7 89.4 134.2#



#69
1,3,5-Trichlorobenzene
Concen: 23.772 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

Tgt Ion: 180 Resp: 104188
Ion Ratio Lower Upper
180 100
182 94.7 77.1 115.7
184 29.9 25.0 37.4
145 29.8 23.4 35.0

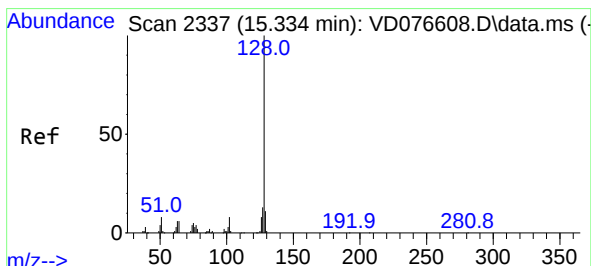
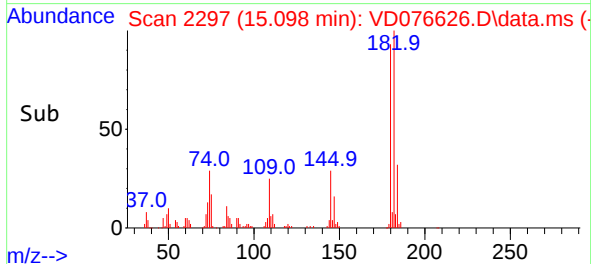
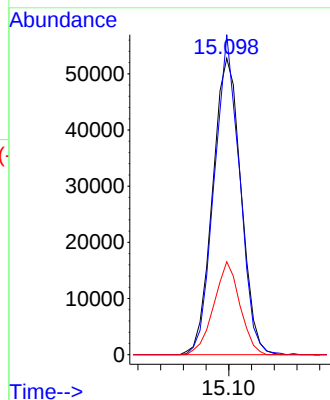
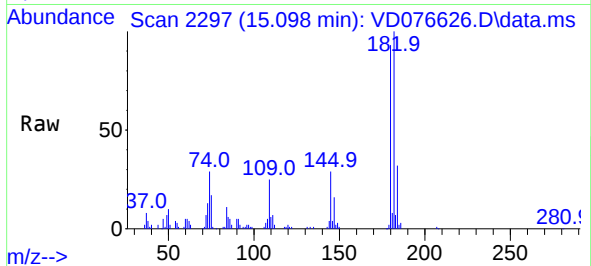




#70
1,2,4-trichlorobenzene
Concen: 23.514 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

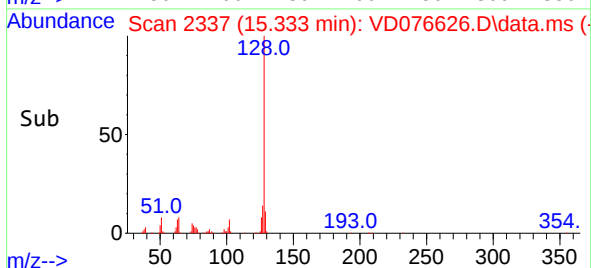
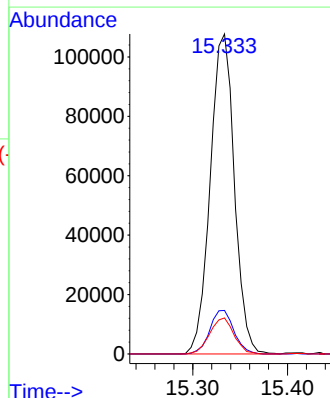
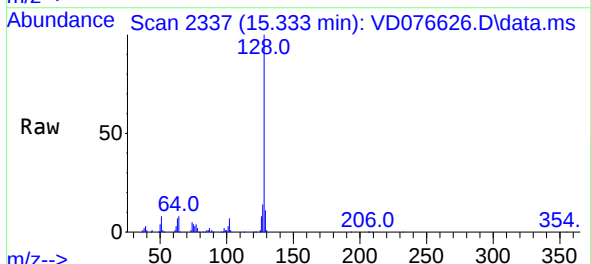
Instrument :
MSVOA_D
ClientSampleId :
VSTD025163

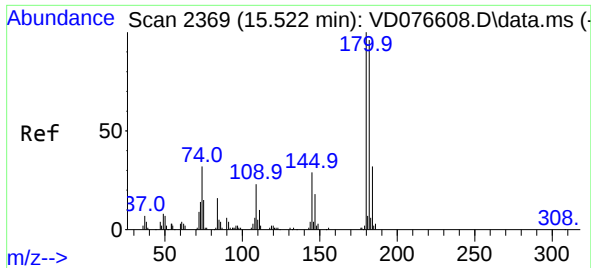
Tgt Ion:180 Resp: 91695
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 28.8 23.5 35.3



#71
Naphthalene
Concen: 25.524 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076626.D
Acq: 28 Jun 2023 19:54

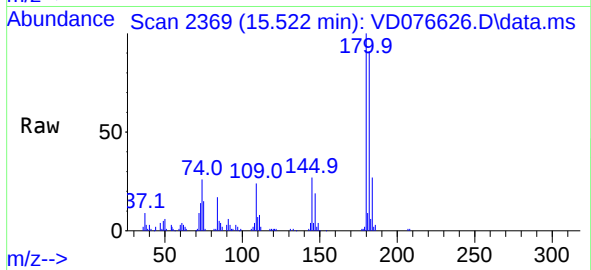
Tgt Ion:128 Resp: 190562
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.4 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 24.661 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076626.D
 Acq: 28 Jun 2023 19:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025163



Tgt Ion:	180	Resp:	83513
Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.3	111.5
145	30.9	25.0	37.6

