

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070523\
 Data File : VD076706.D
 Acq On : 05 Jul 2023 09:38
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025171

Quant Time: Jul 06 01:14:32 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	272049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	237446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	102348	15.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.800%
7) Chloroethane-d5	2.799	69	91529	17.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.360%
11) 1,1-Dichloroethene-d2	3.911	65	34098	19.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.880%
21) 2-Butanone-d5	6.987	46	49258	49.093	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.180%
24) Chloroform-d	7.563	84	157144	21.925	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	8.228	65	83279	23.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	8.199	84	295817	20.366	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.480%
36) 1,2-Dichloropropane-d6	9.210	67	95095	20.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.040%
41) Toluene-d8	10.269	98	271488	20.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.760%
43) trans-1,3-Dichloroprop...	10.522	79	43473	22.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.875	63	35772	49.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78403	23.769	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	89725	21.156	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	115192	27.173	ug/L	99
3) Chloromethane	2.146	50	136210	19.328	ug/L	100
5) Vinyl chloride	2.281	62	150602	19.810	ug/L	95
6) Bromomethane	2.693	94	88834	21.097	ug/L	99
8) Chloroethane	2.834	64	96672	20.759	ug/L	100
9) Trichlorofluoromethane	3.175	101	166039	30.206	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	98450	27.612	ug/L	99
12) 1,1-Dichloroethene	3.934	96	85568	24.235	ug/L	96
13) Acetone	4.017	43	33569	41.422	ug/L	91
14) Carbon disulfide	4.270	76	278177	21.735	ug/L	98
15) Methyl Acetate	4.564	43	42194	22.807	ug/L #	83
16) Methylene chloride	4.799	84	95999	20.302	ug/L	91
17) trans-1,2-Dichloroethene	5.311	96	89495	22.736	ug/L	96
18) Methyl tert-butyl Ether	5.317	73	213530	23.827	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	165210	22.957	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	99792	22.700	ug/L	97
22) 2-Butanone	7.081	43	56287	43.038	ug/L	79
23) Bromochloromethane	7.428	128	45717	24.503	ug/L	86
25) Chloroform	7.593	83	169026	24.066	ug/L	93

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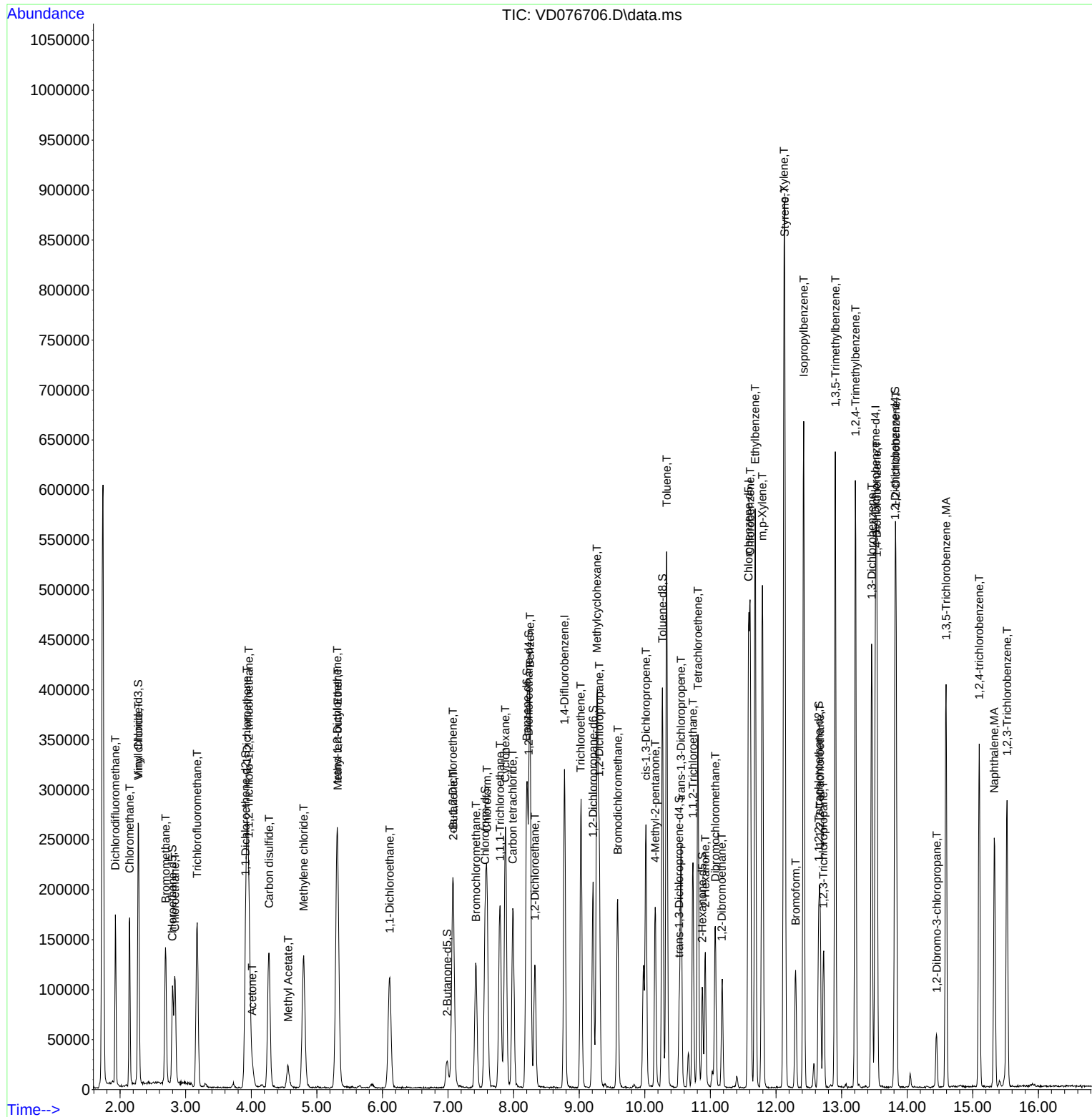
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	109857	25.434	ug/L	99
29) Cyclohexane	7.875	56	146025	23.126	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	153531	27.833	ug/L	98
31) Carbon tetrachloride	7.987	117	131486	29.805	ug/L	100
33) Benzene	8.252	78	360648	22.949	ug/L	100
34) Trichloroethene	9.022	95	99588	24.669	ug/L	93
35) Methylcyclohexane	9.269	83	162205	24.917	ug/L	98
37) 1,2-Dichloropropane	9.305	63	92590	21.611	ug/L #	98
38) Bromodichloromethane	9.587	83	124863	25.552	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	149493	22.850	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	124154	46.581	ug/L	98
42) Toluene	10.334	91	395175	23.531	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	128712	24.204	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	71737	24.411	ug/L	97
46) Tetrachloroethene	10.810	164	78322	24.679	ug/L	89
48) 2-Hexanone	10.922	43	88001	48.209	ug/L	99
49) Dibromochloromethane	11.075	129	84532	25.311	ug/L	96
50) 1,2-Dibromoethane	11.175	107	69840	24.485	ug/L	93
51) Chlorobenzene	11.604	112	242574	23.136	ug/L	98
52) Ethylbenzene	11.681	91	426949	23.587	ug/L	96
53) m,p-Xylene	11.793	106	163573	22.995	ug/L	99
54) o-Xylene	12.122	106	158759	23.440	ug/L	95
55) Styrene	12.134	104	270870	23.148	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	80567	23.988	ug/L	97
59) Bromoform	12.299	173	51169	24.703	ug/L #	96
60) Isopropylbenzene	12.422	105	421938	23.841	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	55982	24.930	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	332222	23.463	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	321029	22.976	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	181588	23.063	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	179635	22.634	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	158993	22.668	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12936	25.850	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	124240	23.657	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	106024	22.690	ug/L	99
71) Naphthalene	15.328	128	215174	24.052	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	95172	23.454	ug/L	99

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

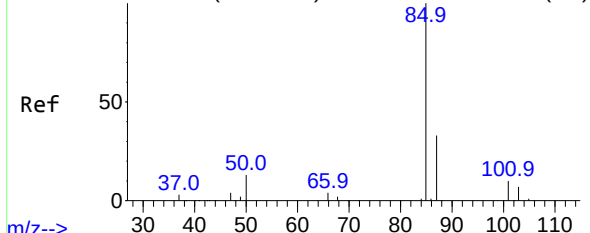
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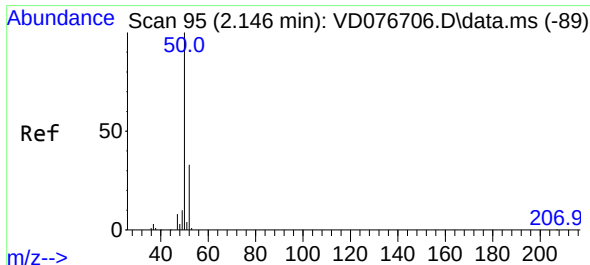
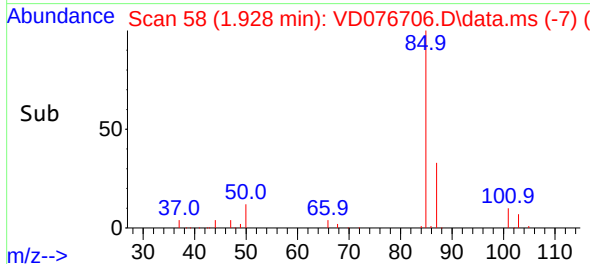
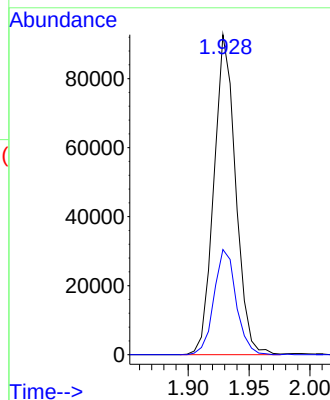
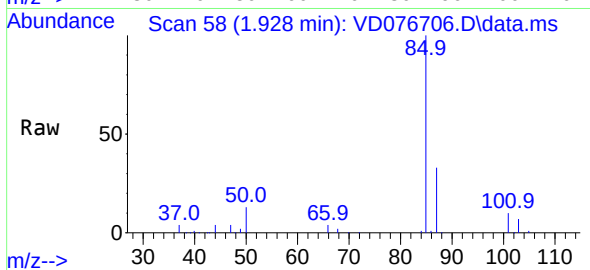
Abundance Scan 58 (1.928 min): VD076706.D\data.ms (-52)



#2
Dichlorodifluoromethane
Concen: 27.173 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

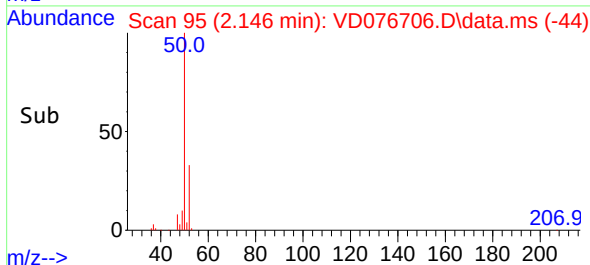
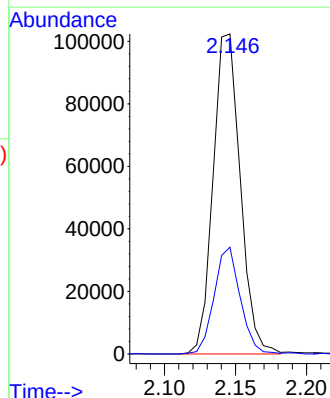
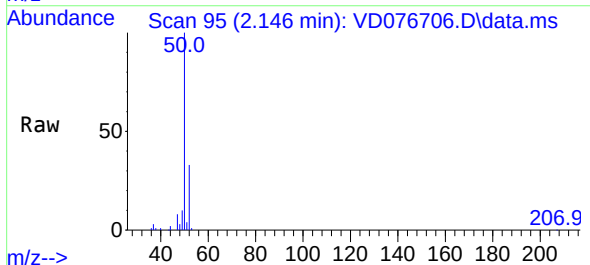
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

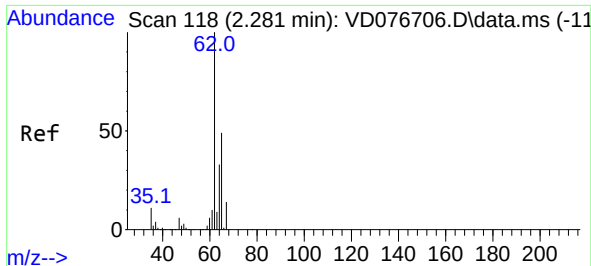
Tgt Ion: 85 Resp: 115192
Ion Ratio Lower Upper
85 100
87 33.4 26.3 39.5



#3
Chloromethane
Concen: 19.328 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 50 Resp: 136210
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

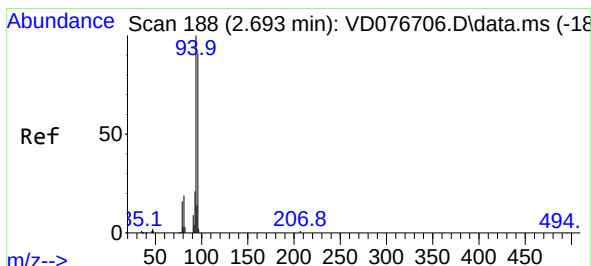
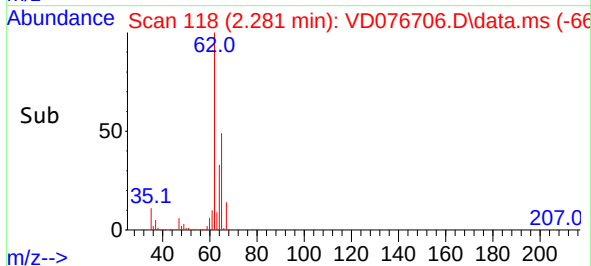
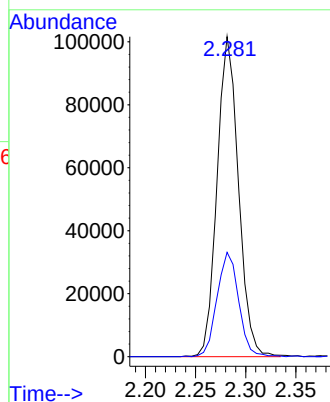
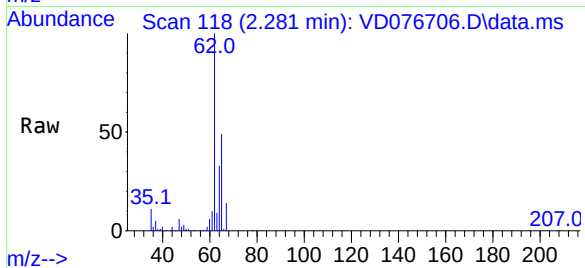




#5
 Vinyl chloride
 Concen: 19.810 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076706.D
 Acq: 05 Jul 2023 09:38

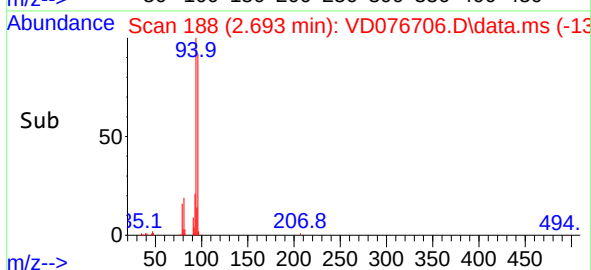
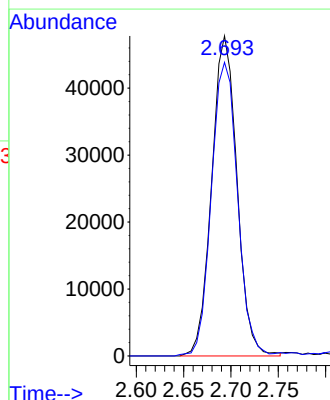
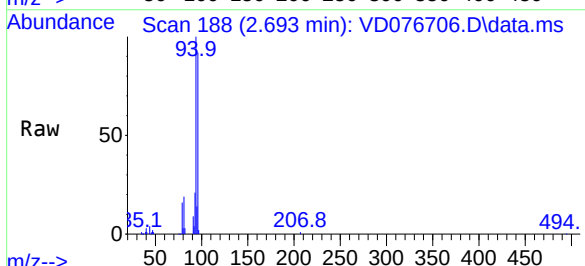
Instrument :
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 ClientSampleId :
 VSTD025171

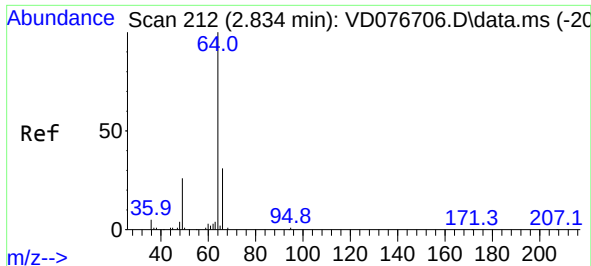
Tgt Ion: 62 Resp: 150602
 Ion Ratio Lower Upper
 62 100
 64 32.6 21.1 39.1



#6
 Bromomethane
 Concen: 21.097 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076706.D
 Acq: 05 Jul 2023 09:38

Tgt Ion: 94 Resp: 88834
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.7 120.1

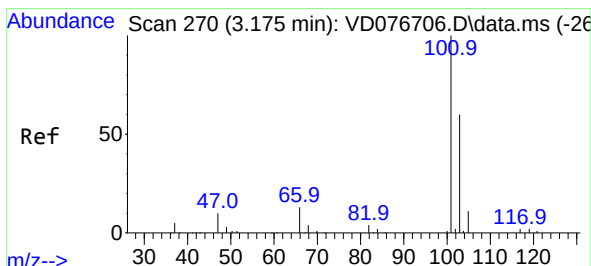
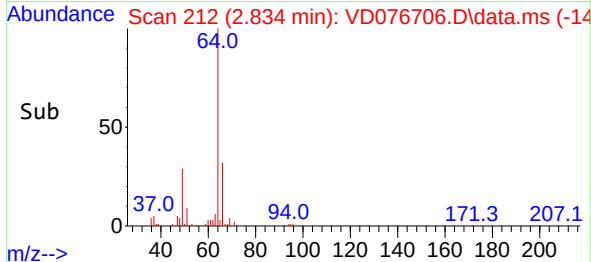
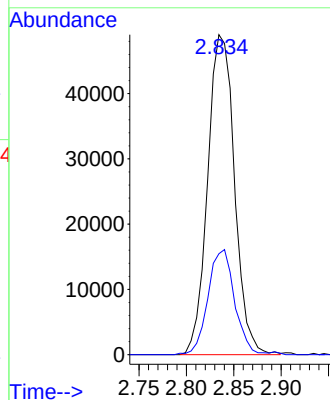
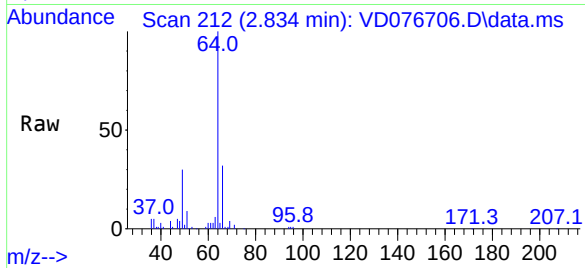




#8
Chloroethane
Concen: 20.759 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

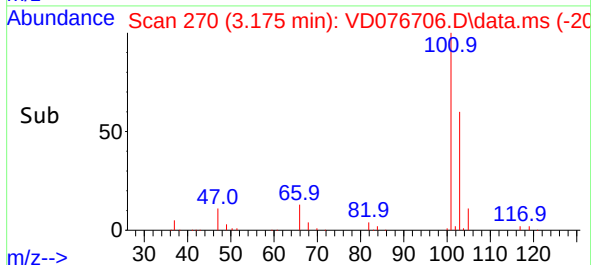
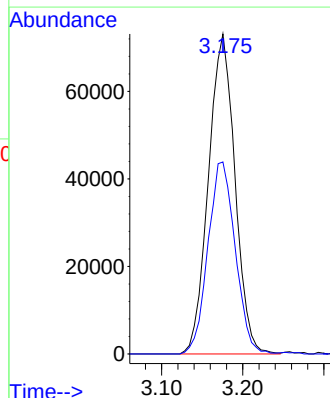
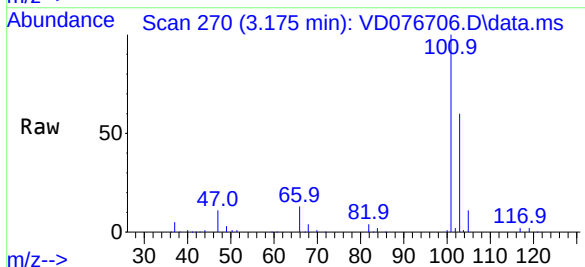
Instrument :
MSVOA_D
ClientSampleId :
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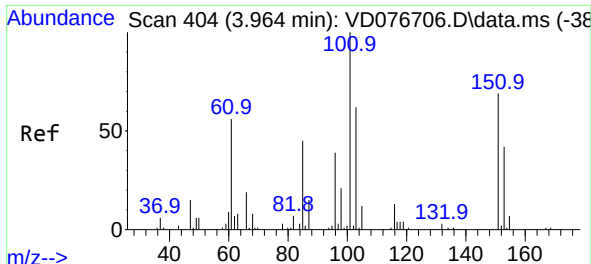
Tgt Ion: 64 Resp: 96672
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 30.206 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 101 Resp: 166039
Ion Ratio Lower Upper
101 100
103 61.7 51.8 77.6



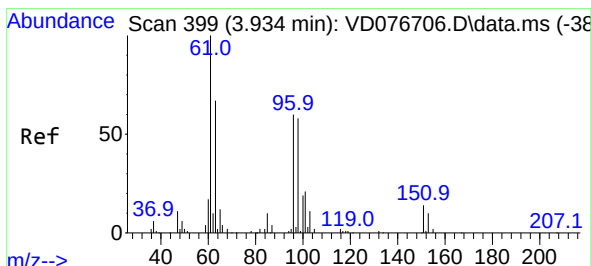
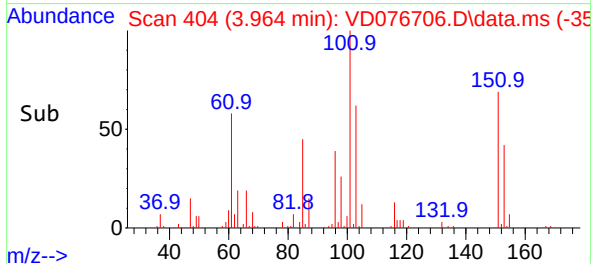
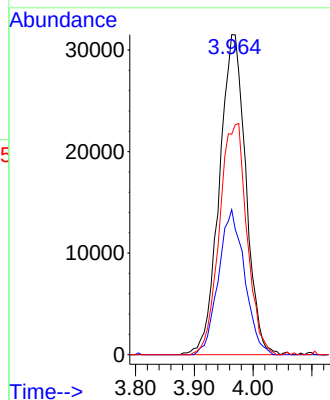
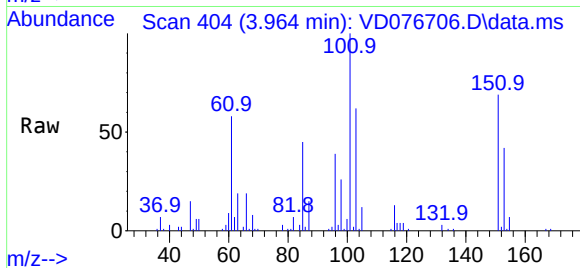


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.612 ug/L
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 98450

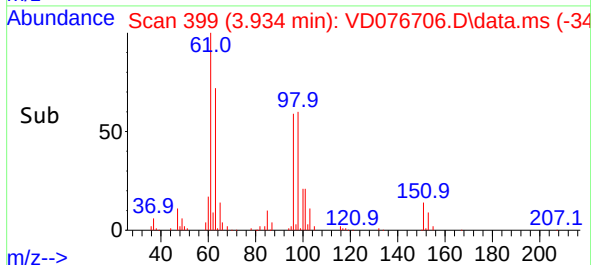
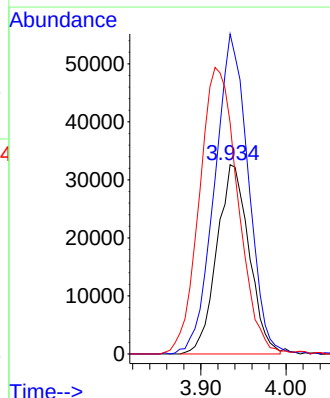
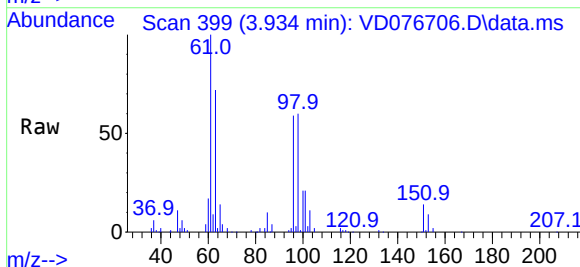
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.5	53.3
151	75.0	58.6	87.8

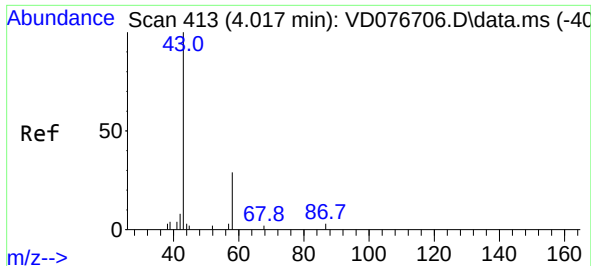


#12
1,1-Dichloroethene
Concen: 24.235 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 96 Resp: 85568

Ion	Ratio	Lower	Upper
96	100		
61	169.1	113.0	209.8
63	122.2	83.6	155.2

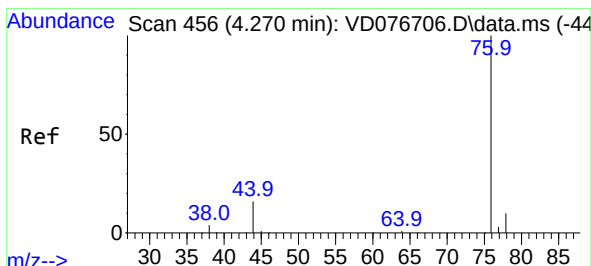
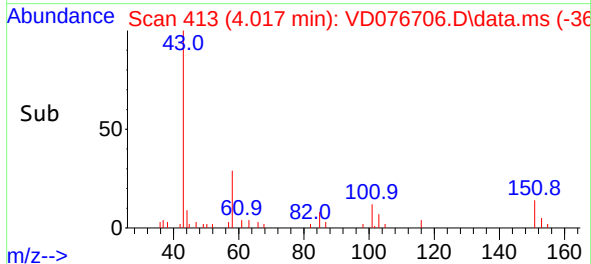
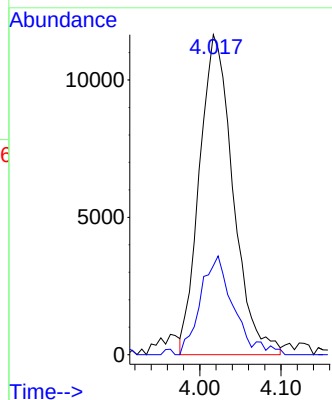
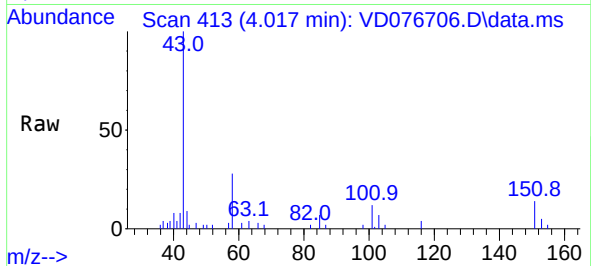




#13
Acetone
Concen: 41.422 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

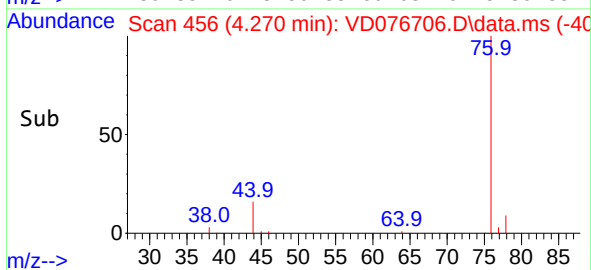
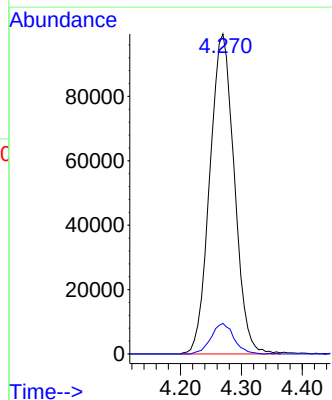
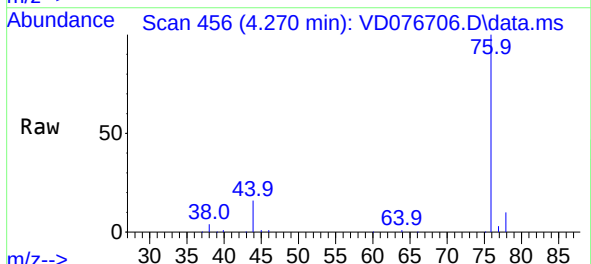
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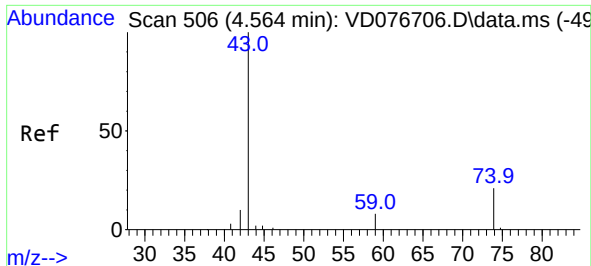
Tgt Ion: 43 Resp: 33569
Ion Ratio Lower Upper
43 100
58 28.5 0.0 67.4



#14
Carbon disulfide
Concen: 21.735 ug/L
RT: 4.270 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 76 Resp: 278177
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

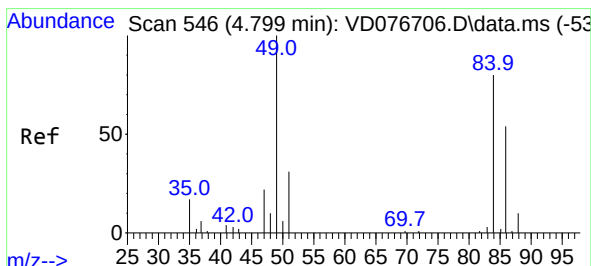
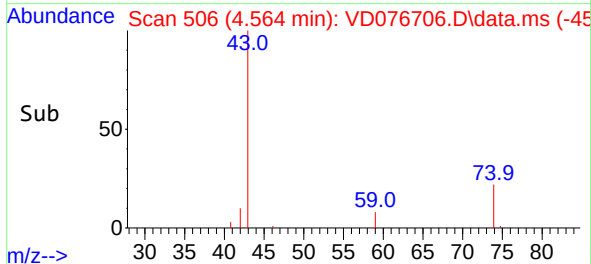
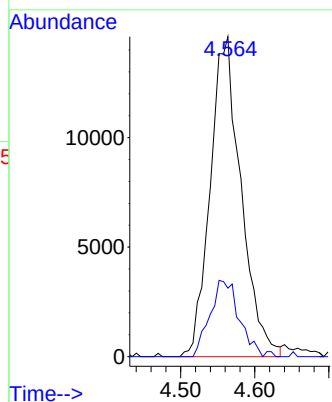
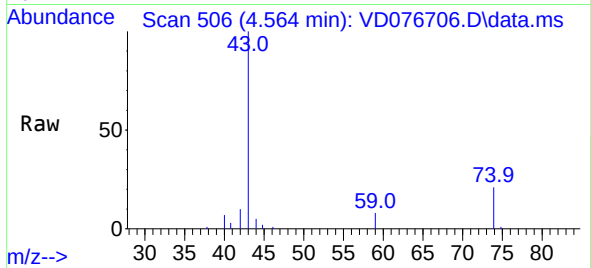




#15
Methyl Acetate
Concen: 22.807 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

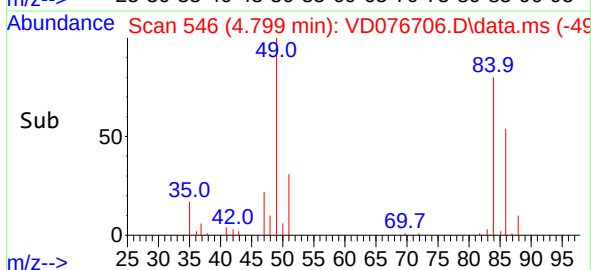
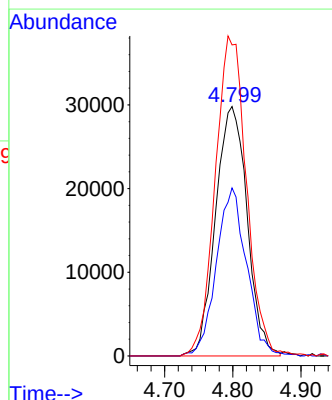
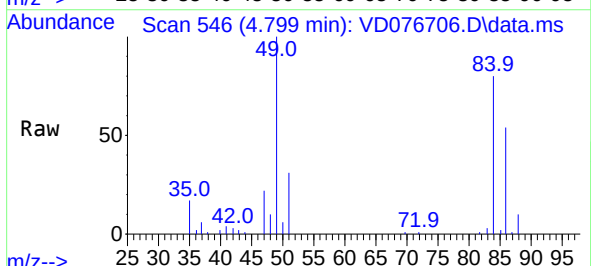
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

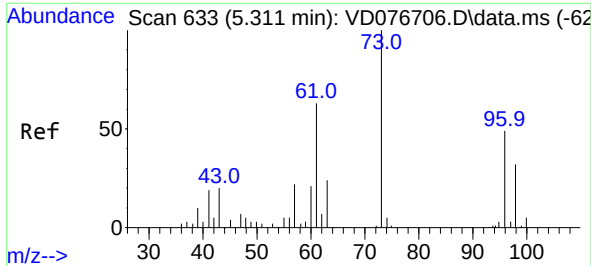
Tgt Ion: 43 Resp: 42194
Ion Ratio Lower Upper
43 100
74 14.5 18.2 27.2#



#16
Methylene chloride
Concen: 20.302 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 84 Resp: 95999
Ion Ratio Lower Upper
84 100
86 67.4 45.1 83.9
49 124.8 97.2 180.6

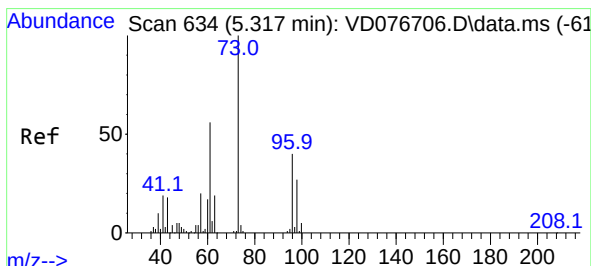
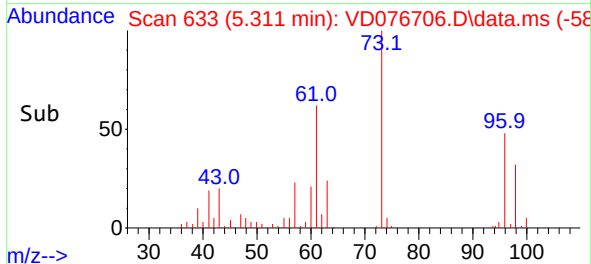
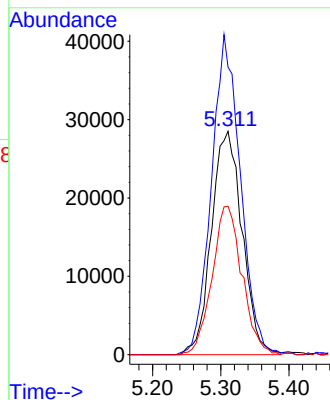
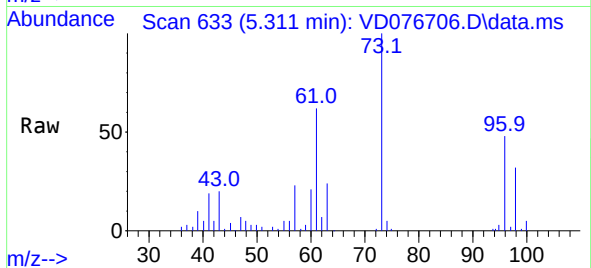




#17
trans-1,2-Dichloroethene
Concen: 22.736 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

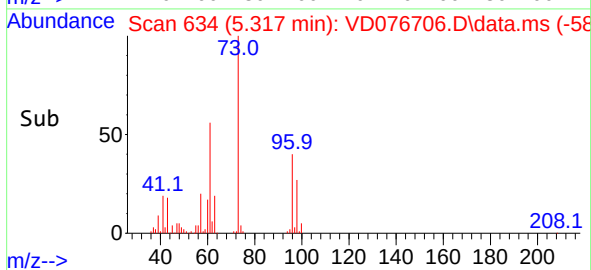
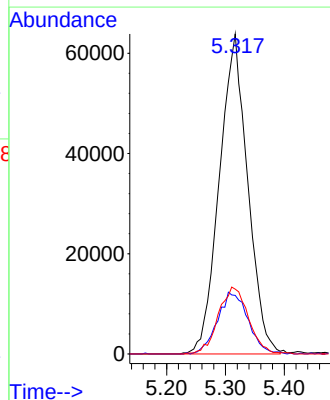
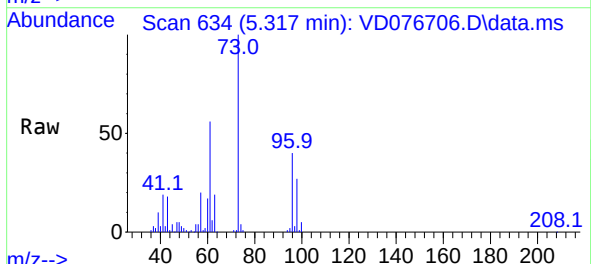
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

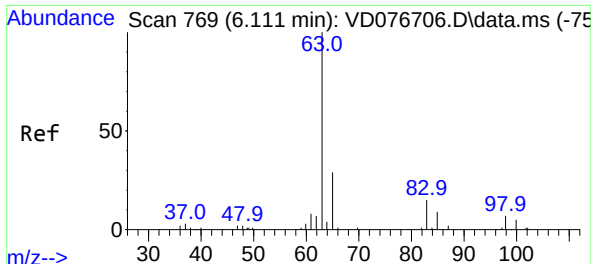
Tgt Ion: 96 Resp: 89495
Ion Ratio Lower Upper
96 100
61 128.7 94.5 175.5
98 66.5 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 23.827 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 73 Resp: 213530
Ion Ratio Lower Upper
73 100
43 20.7 7.2 10.8#
57 21.7 18.6 28.0

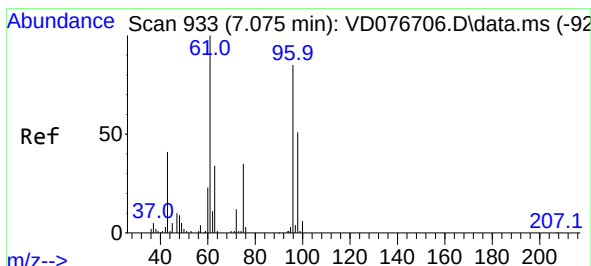
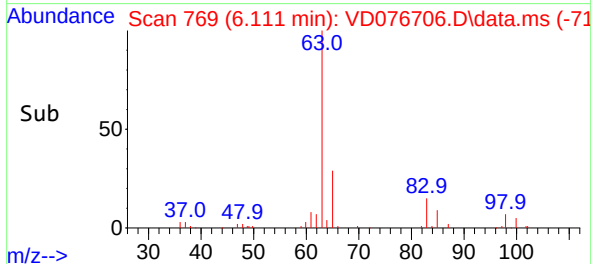
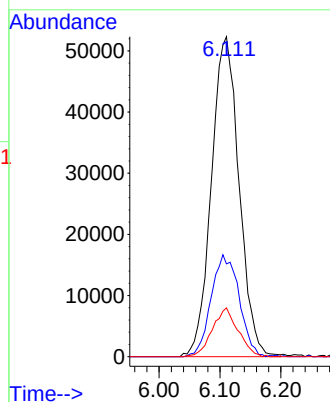
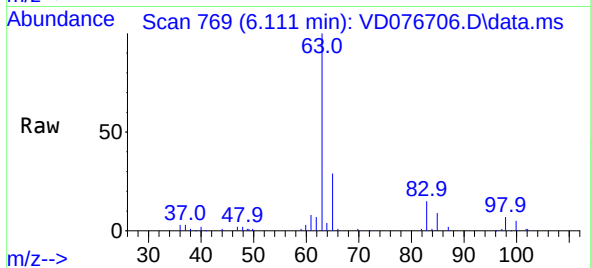




#19
1,1-Dichloroethane
Concen: 22.957 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

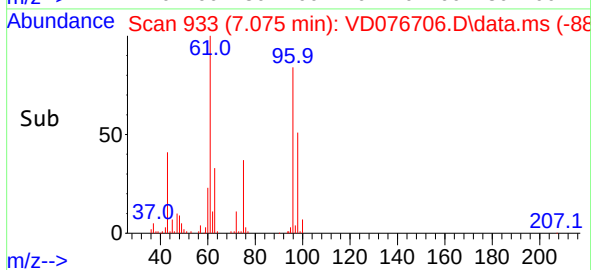
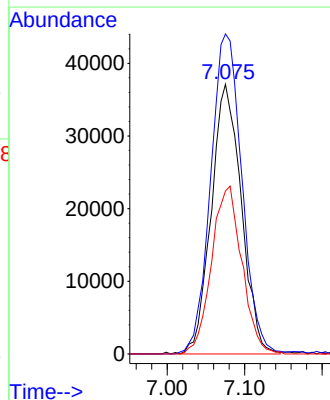
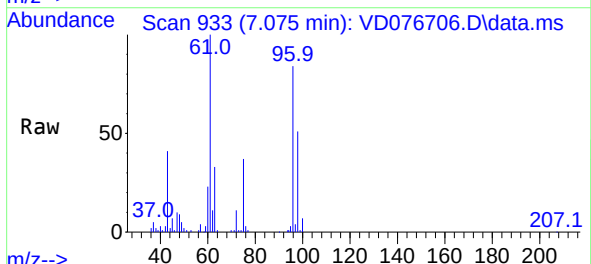
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

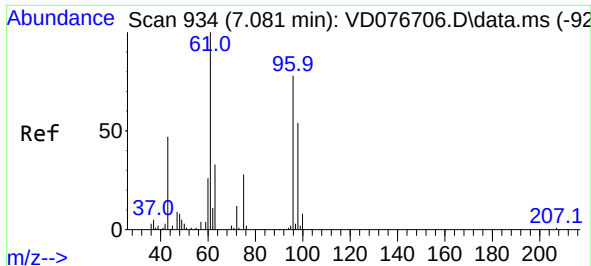
Tgt Ion: 63 Resp: 165210
Ion Ratio Lower Upper
63 100
65 29.0 20.8 38.6
83 15.2 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 22.700 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 96 Resp: 99792
Ion Ratio Lower Upper
96 100
61 118.6 86.0 159.6
98 60.4 42.2 78.4

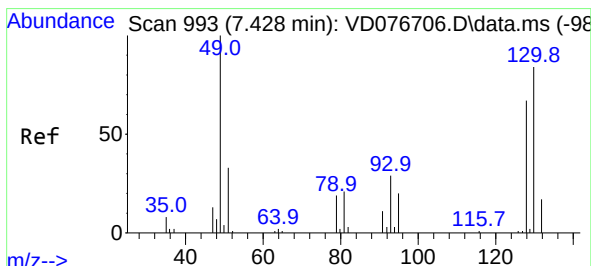
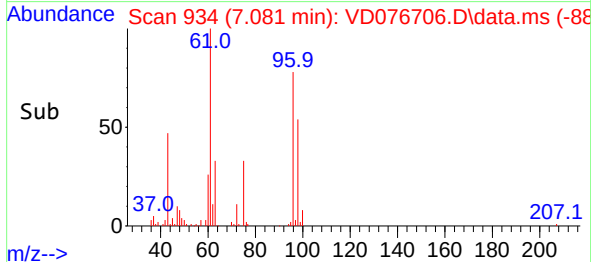
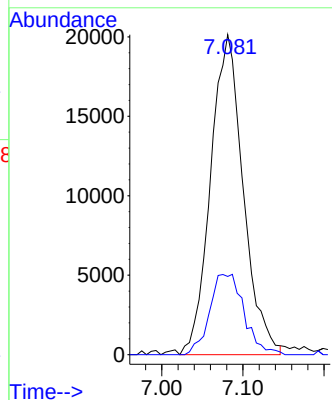
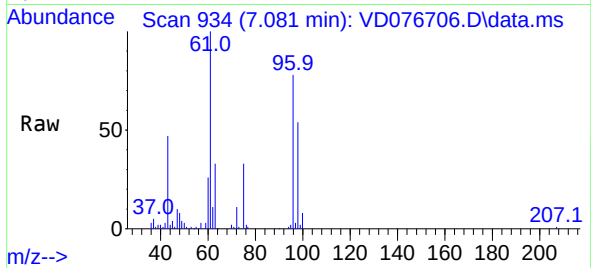




#22
2-Butanone
Concen: 43.038 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

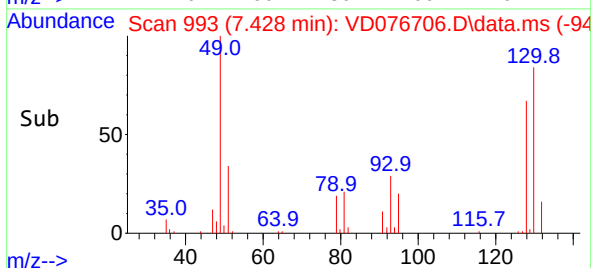
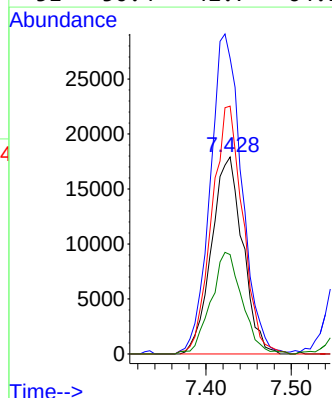
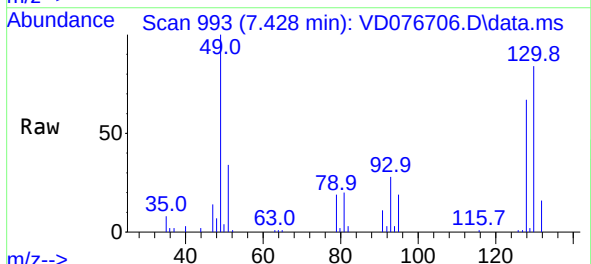
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

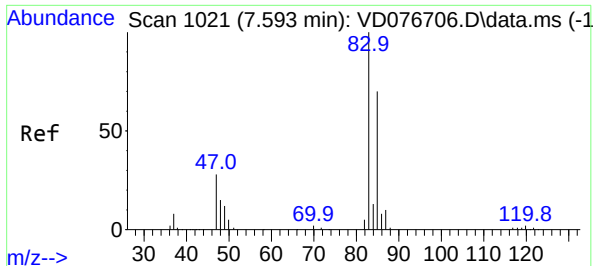
Tgt Ion: 43 Resp: 56287
Ion Ratio Lower Upper
43 100
72 15.0 12.9 38.7



#23
Bromochloromethane
Concen: 24.503 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 128 Resp: 45717
Ion Ratio Lower Upper
128 100
49 150.1 124.7 231.7
130 125.8 80.0 148.6
51 50.4 42.7 64.1

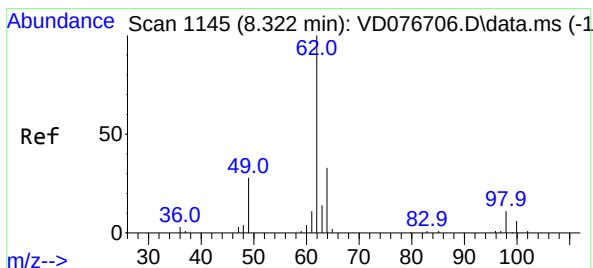
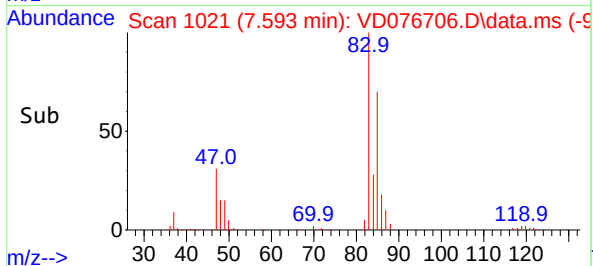
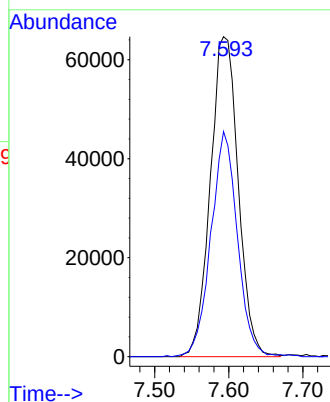
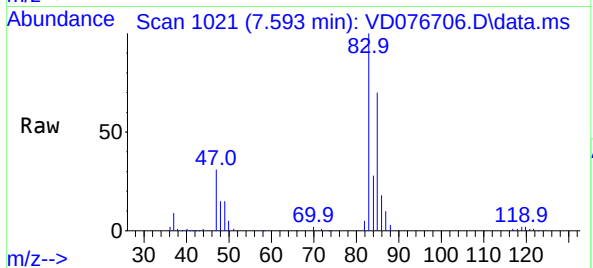




#25
Chloroform
Concen: 24.066 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

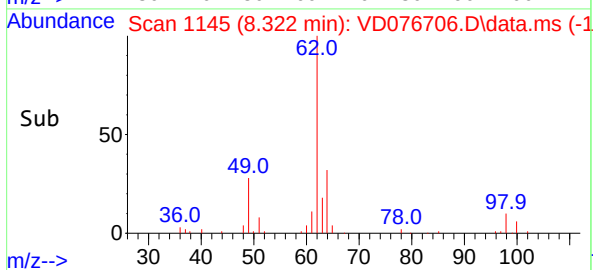
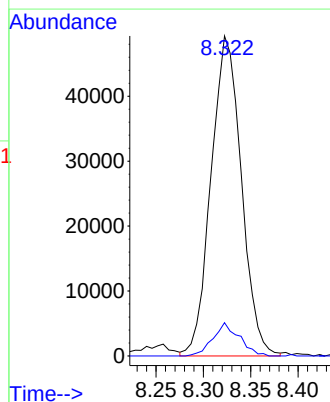
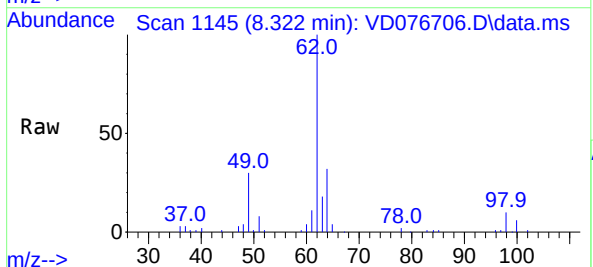
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

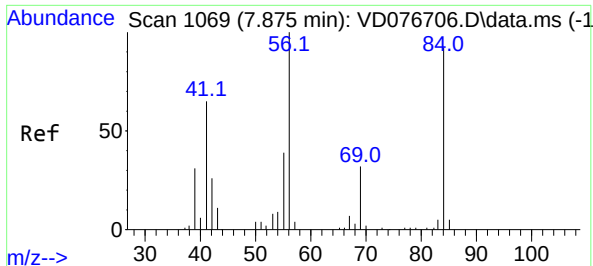
Tgt Ion: 83 Resp: 169026
Ion Ratio Lower Upper
83 100
85 70.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 25.434 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 62 Resp: 109857
Ion Ratio Lower Upper
62 100
98 10.4 8.7 13.1





#29

Cyclohexane

Concen: 23.126 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076706.D

Acq: 05 Jul 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD025171

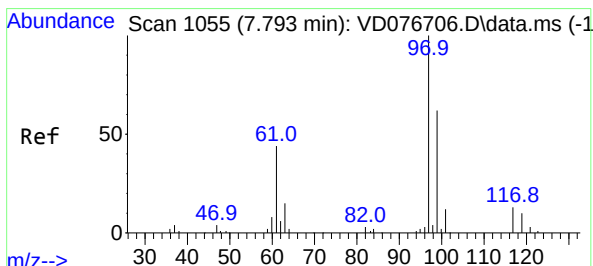
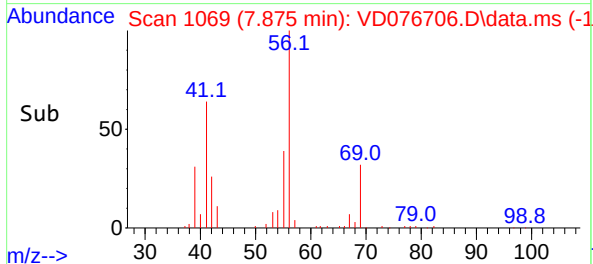
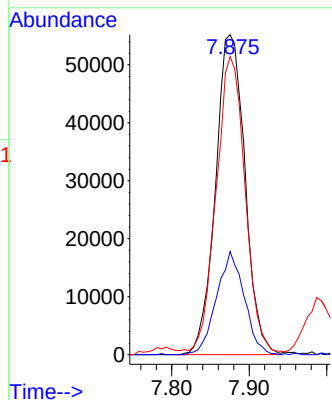
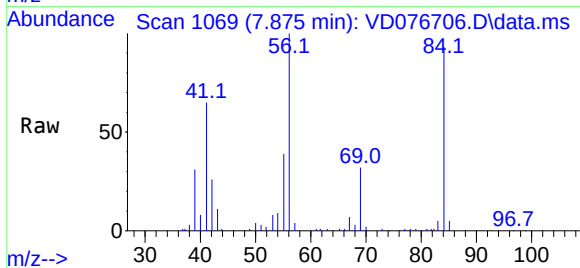
Tgt Ion: 56 Resp: 146025

Ion Ratio Lower Upper

56 100

69 30.4 23.4 35.0

84 91.2 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 27.833 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076706.D

Acq: 05 Jul 2023 09:38

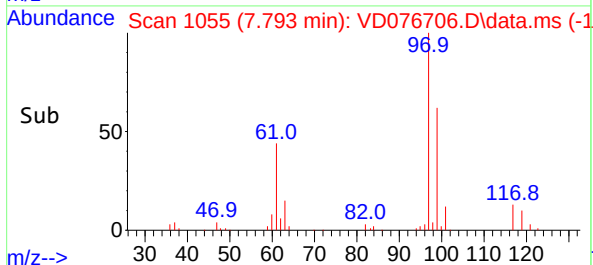
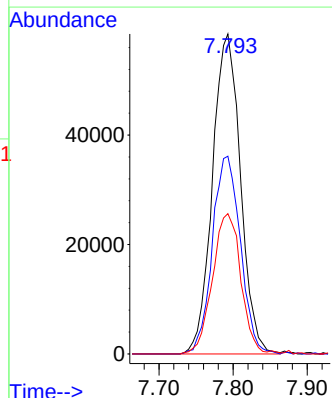
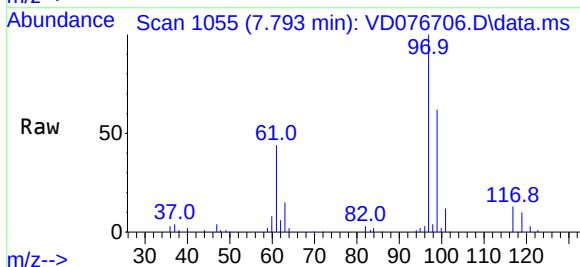
Tgt Ion: 97 Resp: 153531

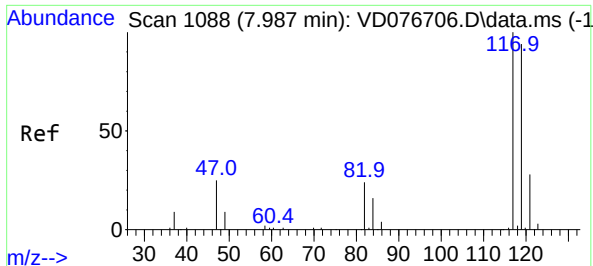
Ion Ratio Lower Upper

97 100

99 61.9 51.0 76.6

61 44.2 36.4 54.6

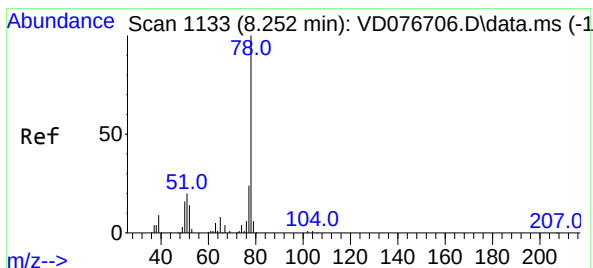
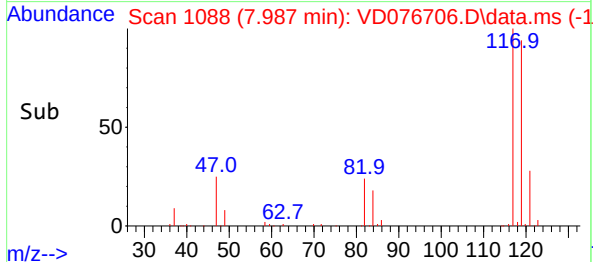
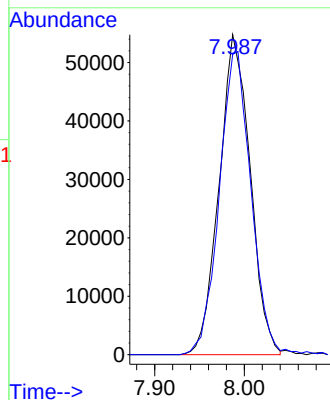
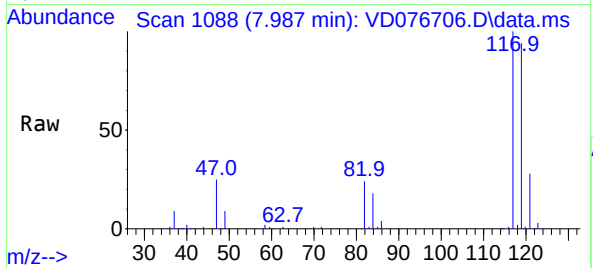




#31
Carbon tetrachloride
Concen: 29.805 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

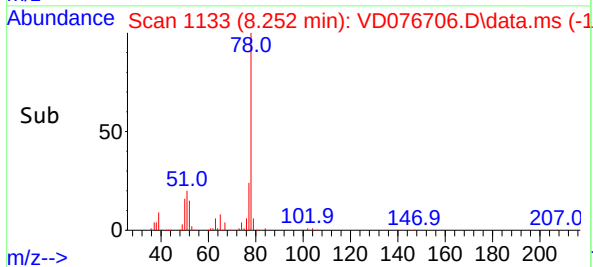
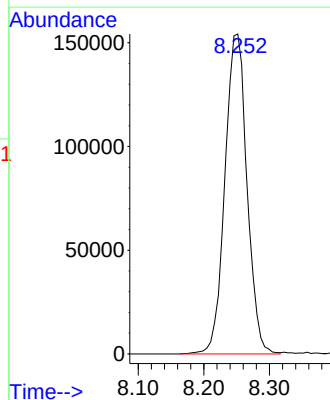
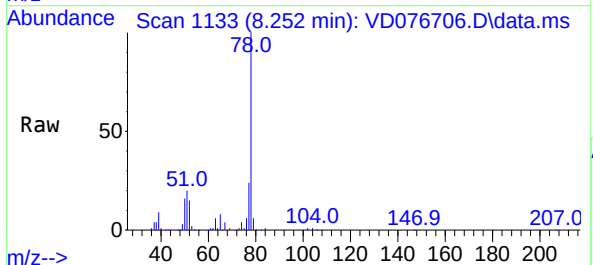
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

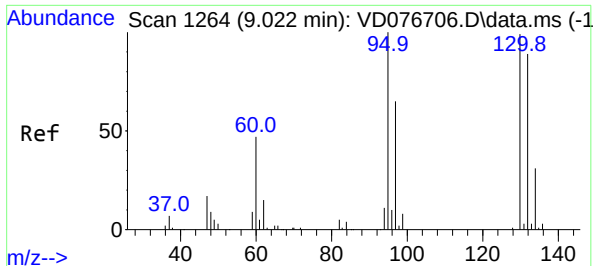
Tgt Ion:117 Resp: 131486
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6



#33
Benzene
Concen: 22.949 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 78 Resp: 360648



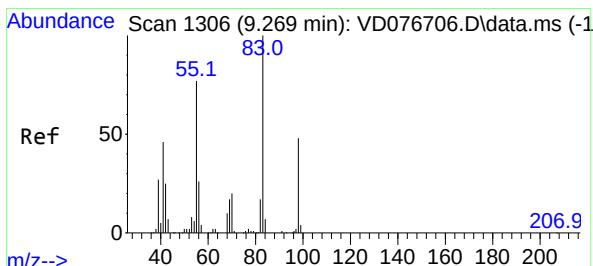
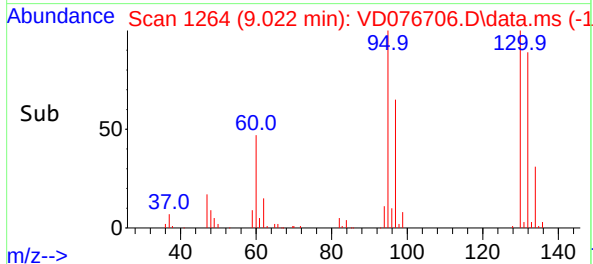
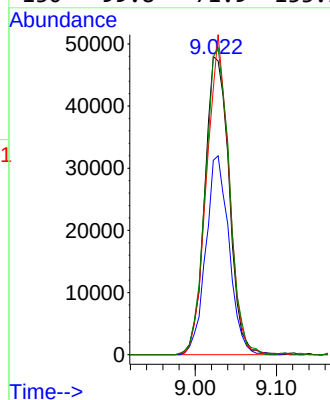
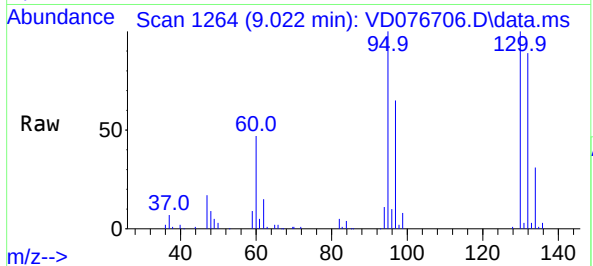


#34
Trichloroethene
Concen: 24.669 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

Tgt Ion: 95 Resp: 99588

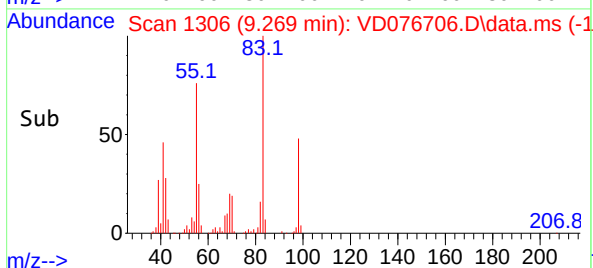
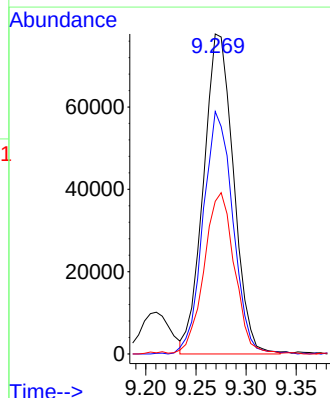
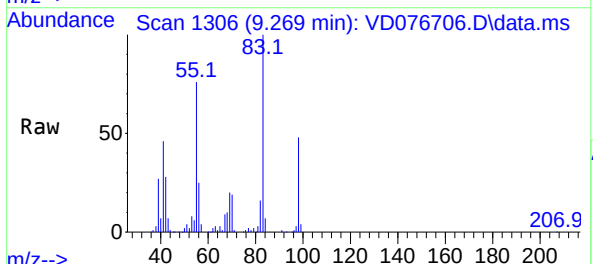
Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.1	80.1
132	89.2	71.8	133.4
130	99.8	71.9	133.5

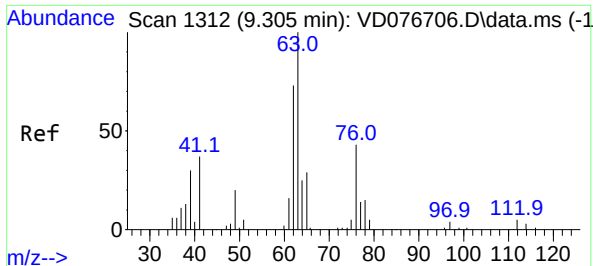


#35
Methylcyclohexane
Concen: 24.917 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 83 Resp: 162205

Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.8	89.6
98	50.9	37.8	56.6

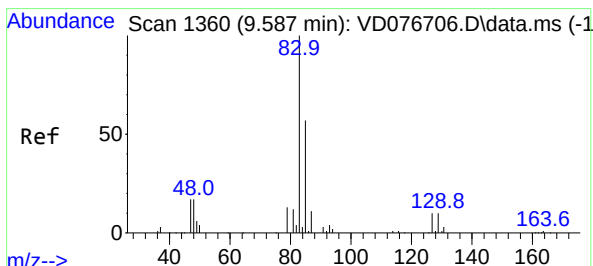
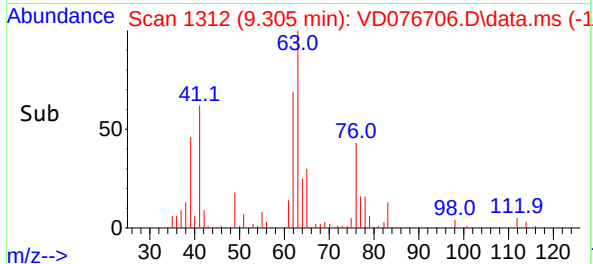
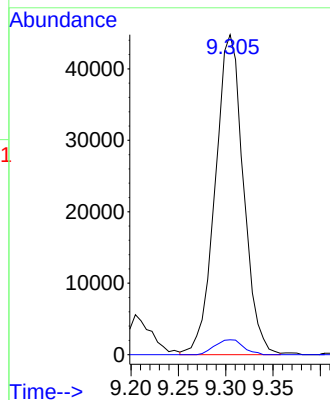
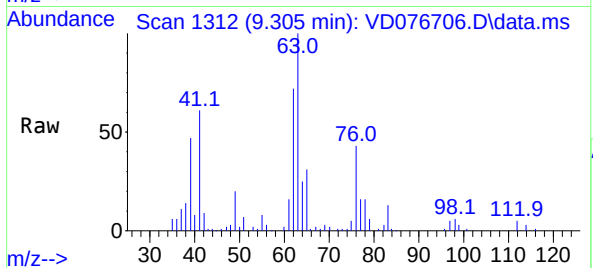




#37
1,2-Dichloropropane
Concen: 21.611 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

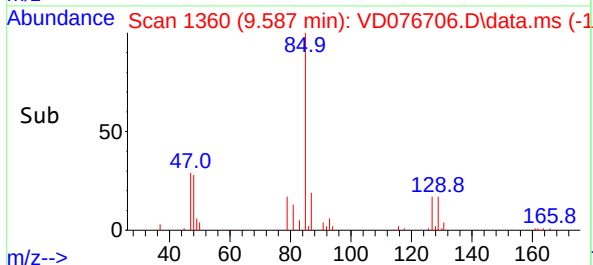
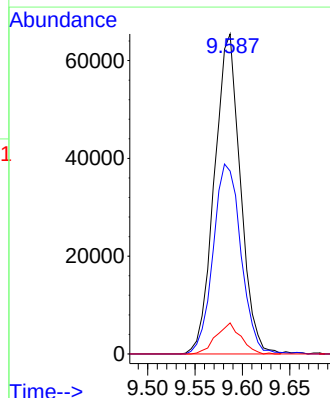
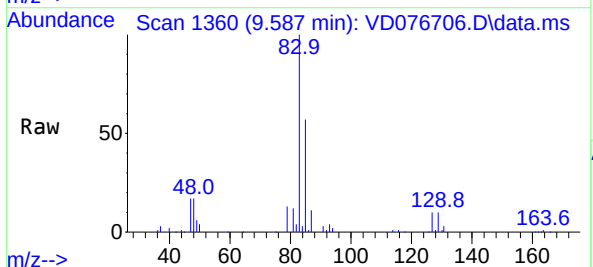
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

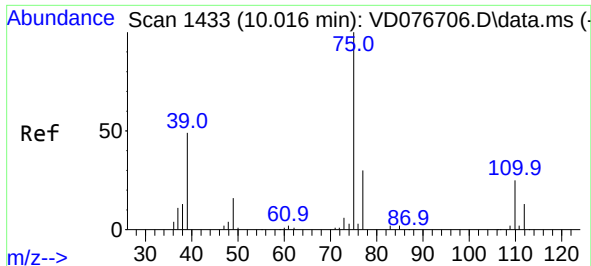
Tgt Ion: 63 Resp: 92590
Ion Ratio Lower Upper
63 100
112 4.7 3.1 4.7#



#38
Bromodichloromethane
Concen: 25.552 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 83 Resp: 124863
Ion Ratio Lower Upper
83 100
85 57.2 43.9 81.5
127 9.7 6.6 9.8

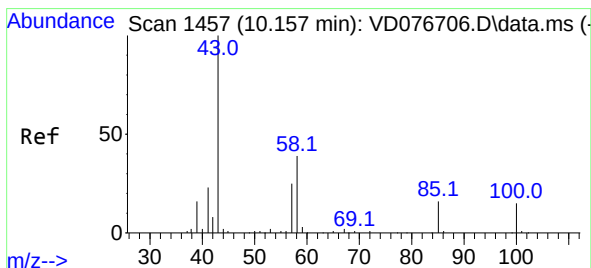
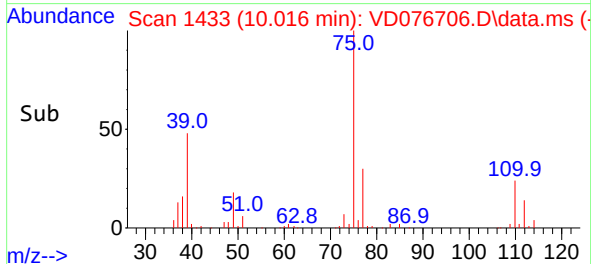
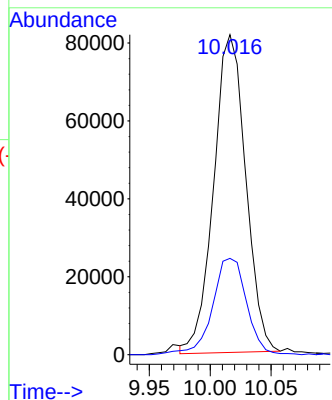
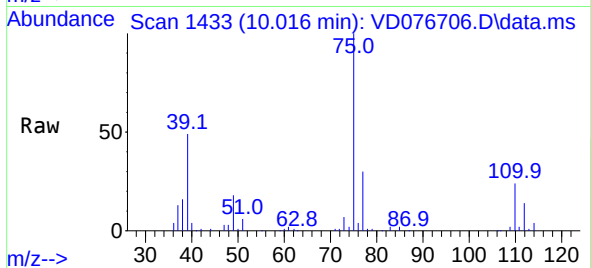




#39
cis-1,3-Dichloropropene
Concen: 22.850 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

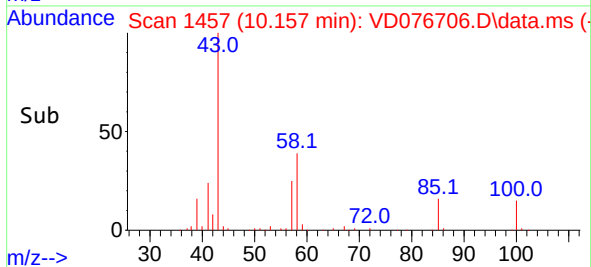
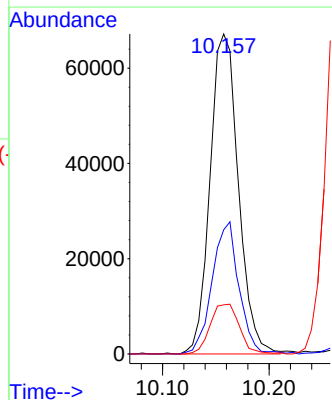
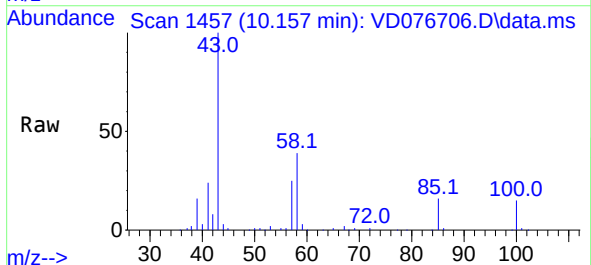
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

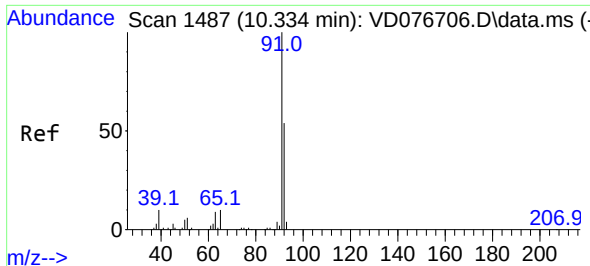
Tgt Ion: 75 Resp: 149493
Ion Ratio Lower Upper
75 100
77 30.1 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 46.581 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 43 Resp: 124154
Ion Ratio Lower Upper
43 100
58 38.8 30.7 46.1
100 16.0 11.0 16.4

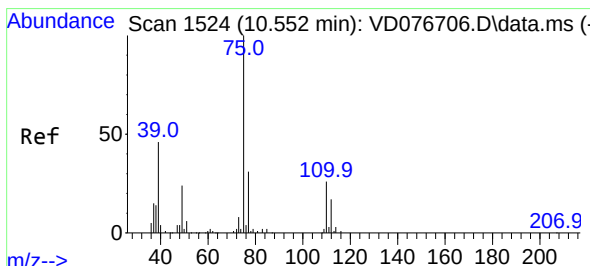
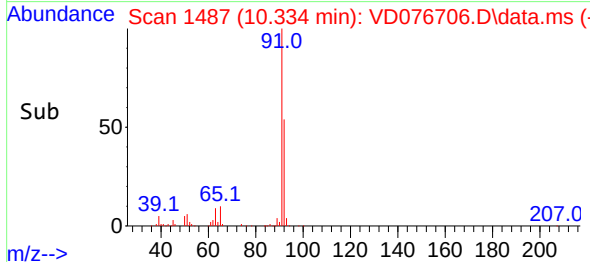
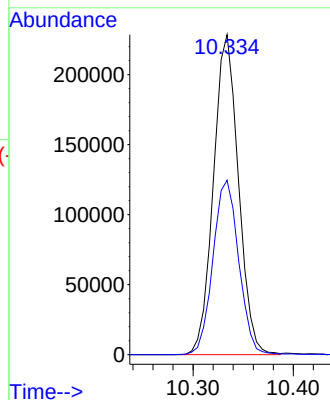
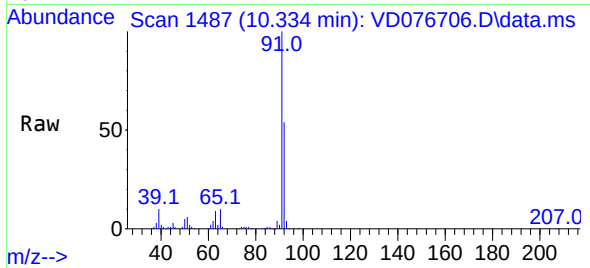




#42
Toluene
Concen: 23.531 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

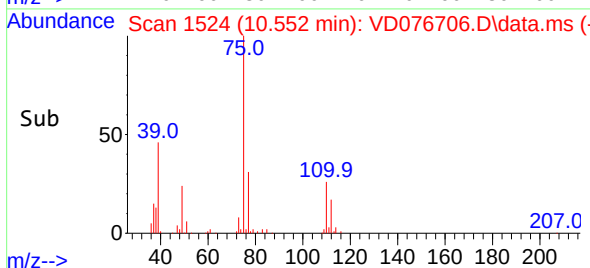
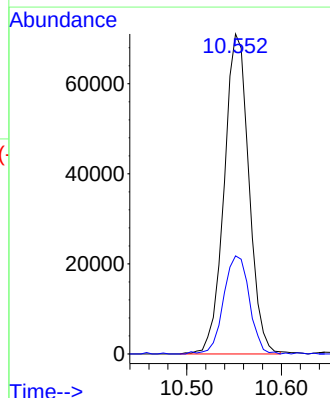
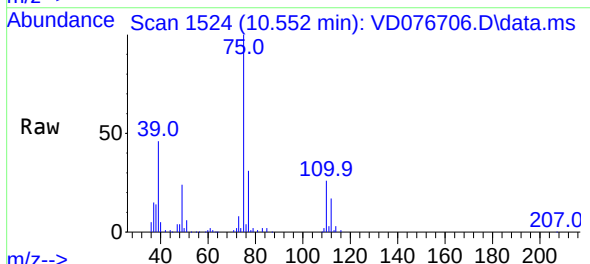
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

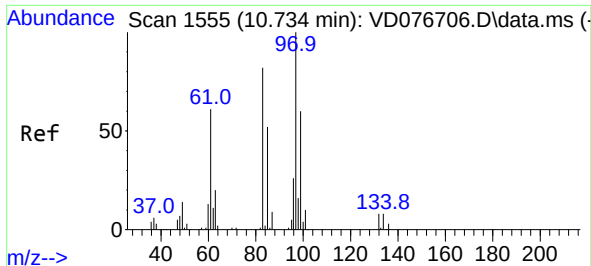
Tgt Ion: 91 Resp: 395175
Ion Ratio Lower Upper
91 100
92 54.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.204 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 75 Resp: 128712
Ion Ratio Lower Upper
75 100
77 30.7 22.5 41.7



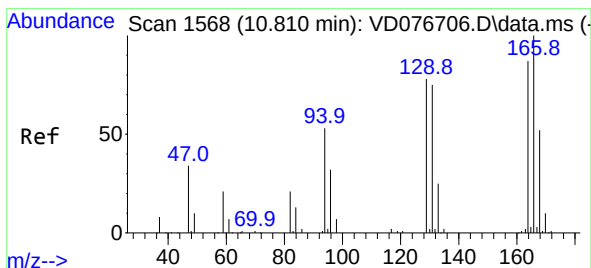
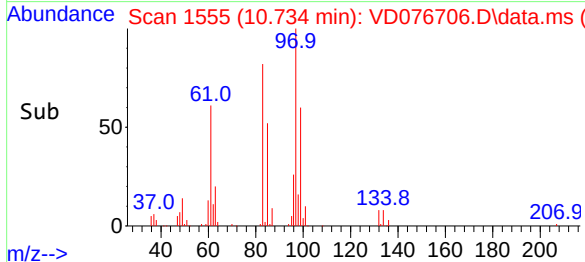
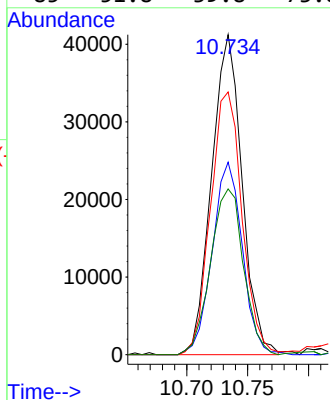
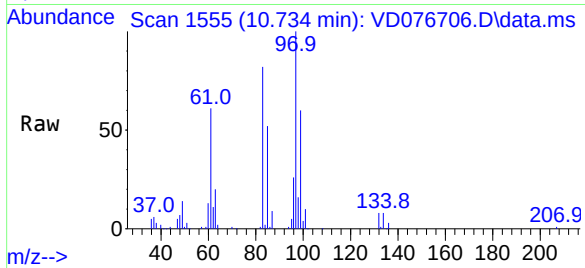


#45
1,1,2-Trichloroethane
Concen: 24.411 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

Tgt Ion: 97 Resp: 71737

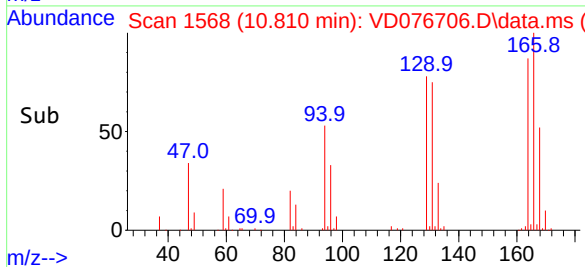
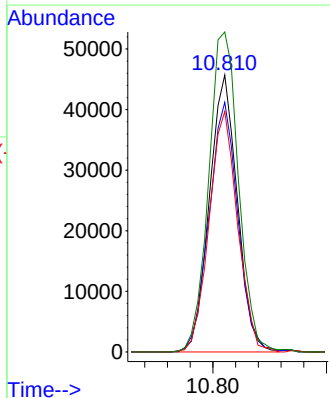
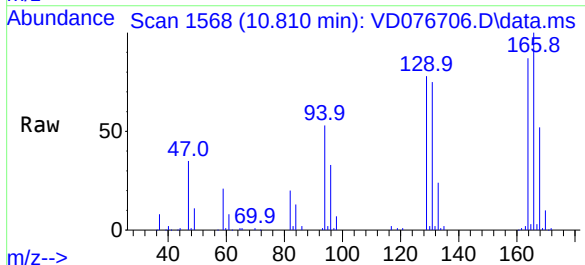
Ion	Ratio	Lower	Upper
97	100		
99	60.1	41.9	77.9
83	82.1	59.2	110.0
85	51.8	39.8	73.8

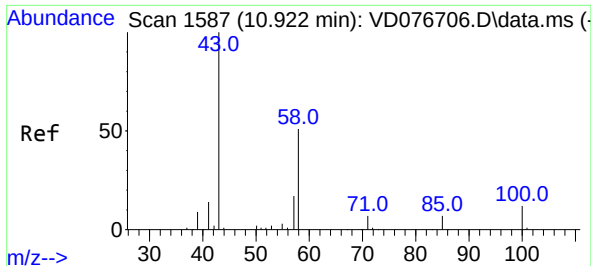


#46
Tetrachloroethene
Concen: 24.679 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 164 Resp: 78322

Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.5	121.6
131	86.9	64.8	120.3
166	115.6	97.2	180.4



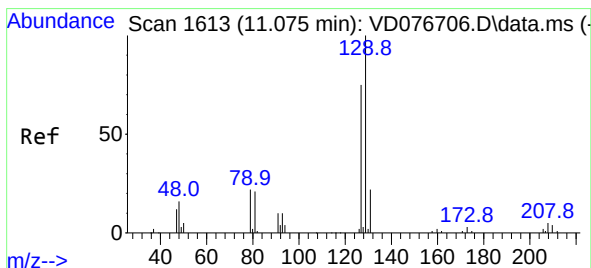
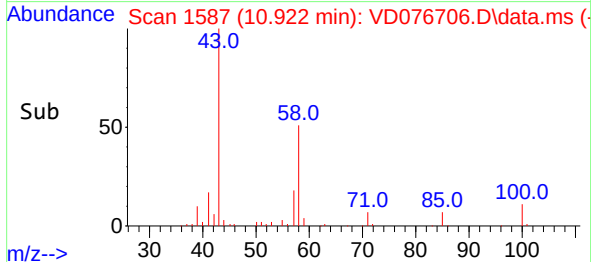
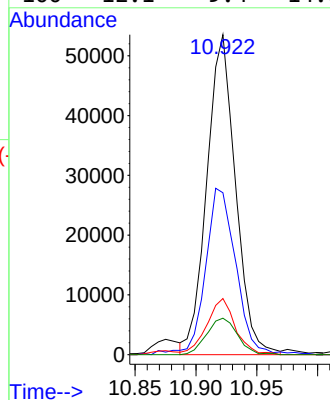
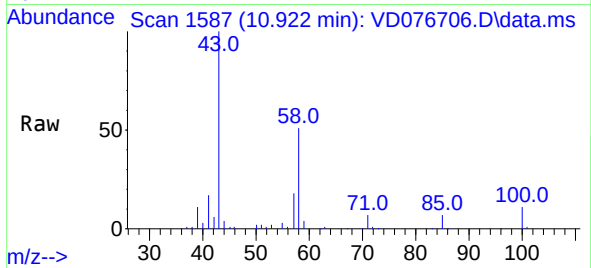


#48
2-Hexanone
Concen: 48.209 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

Tgt Ion: 43 Resp: 88001

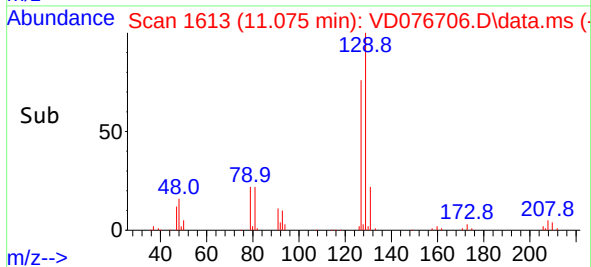
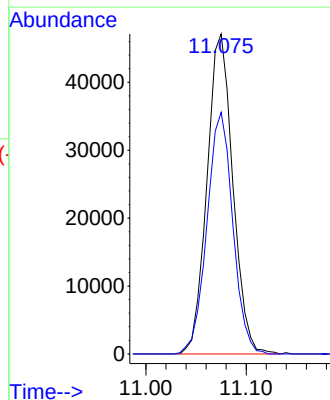
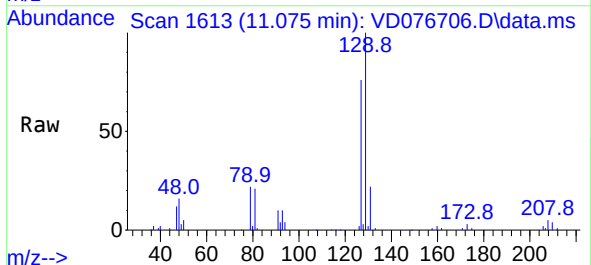
Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.9	64.3
57	17.2	13.7	20.5
100	12.1	9.4	14.0

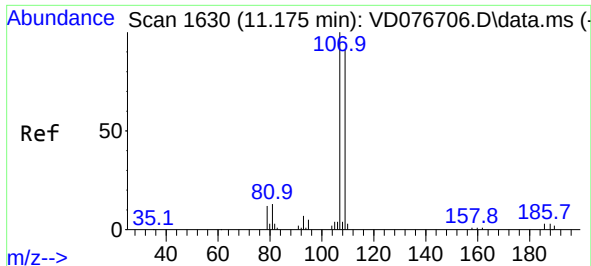


#49
Dibromochloromethane
Concen: 25.311 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 129 Resp: 84532

Ion	Ratio	Lower	Upper
129	100		
127	75.5	55.2	102.6

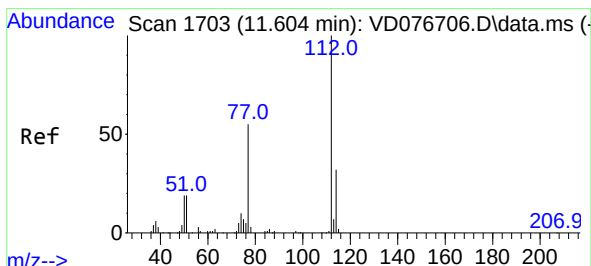
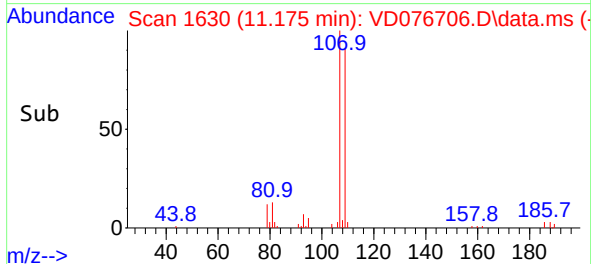
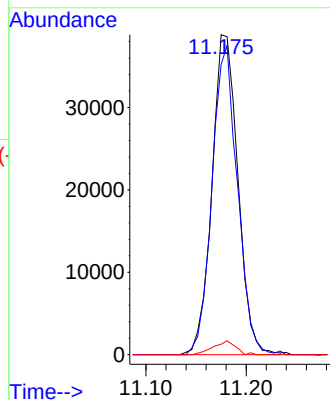
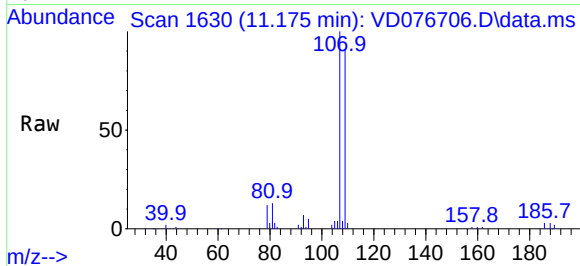




#50
1,2-Dibromoethane
Concen: 24.485 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

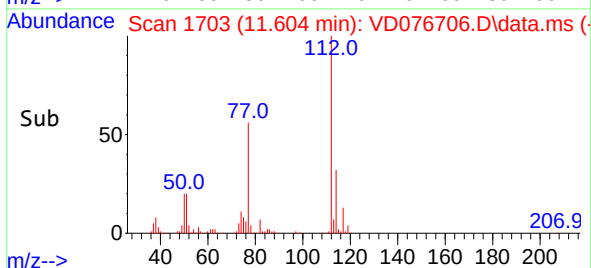
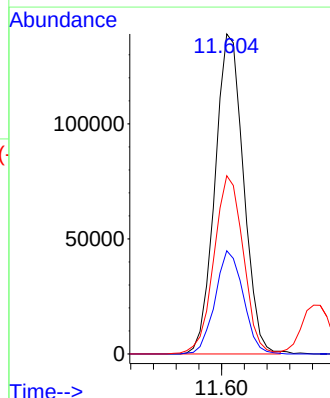
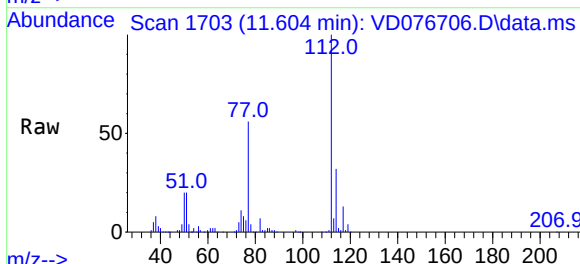
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

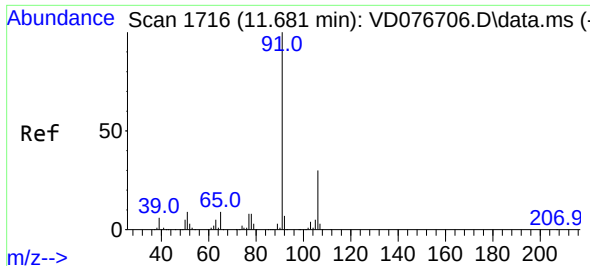
Tgt Ion:	107	Resp:	69840
Ion	Ratio	Lower	Upper
107	100		
109	90.8	58.8	109.2
188	3.7	2.9	4.3



#51
Chlorobenzene
Concen: 23.136 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion:	112	Resp:	242574
Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.5	39.9
77	55.7	43.4	65.2

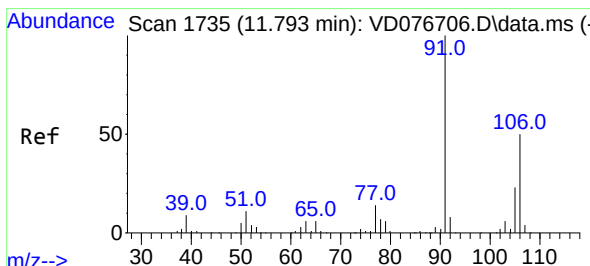
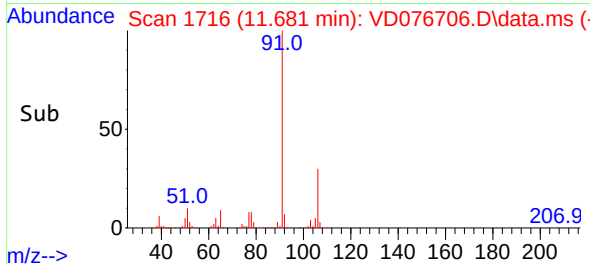
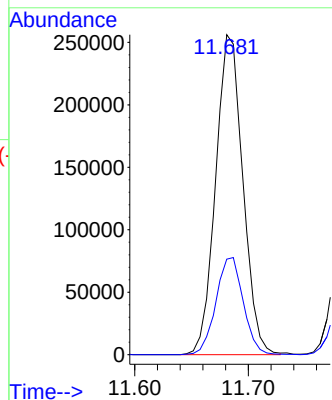
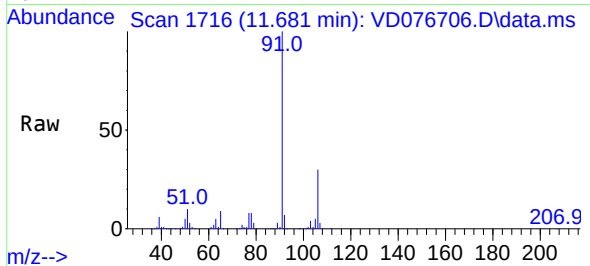




#52
Ethylbenzene
Concen: 23.587 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

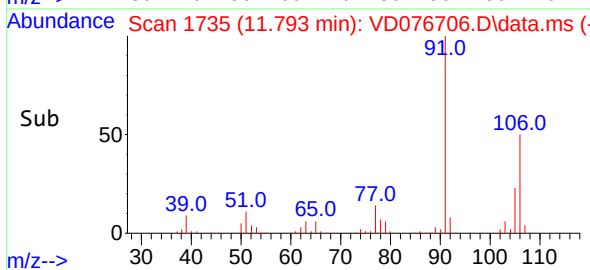
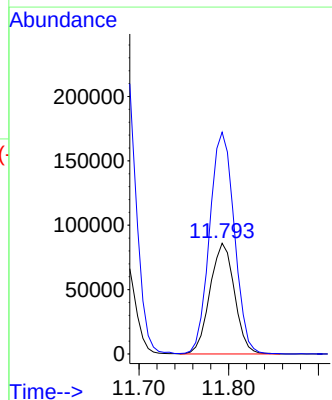
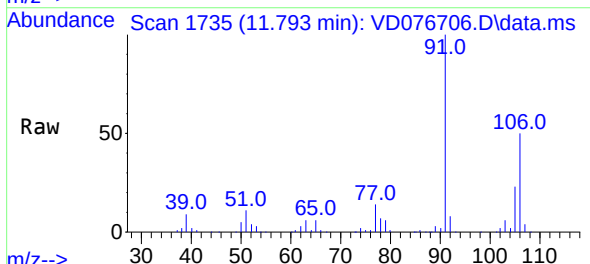
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

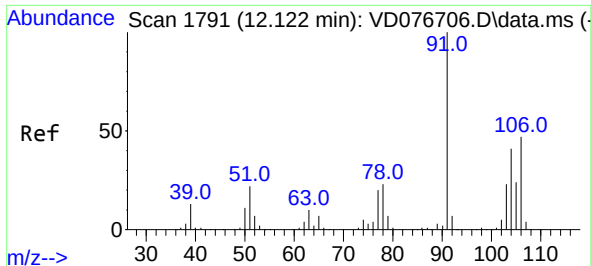
Tgt Ion: 91 Resp: 426949
Ion Ratio Lower Upper
91 100
106 29.8 22.4 41.6



#53
m,p-Xylene
Concen: 22.995 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 106 Resp: 163573
Ion Ratio Lower Upper
106 100
91 200.2 141.5 262.9

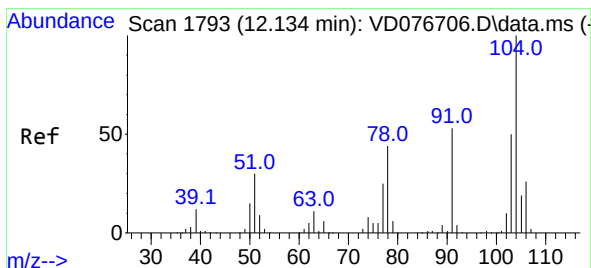
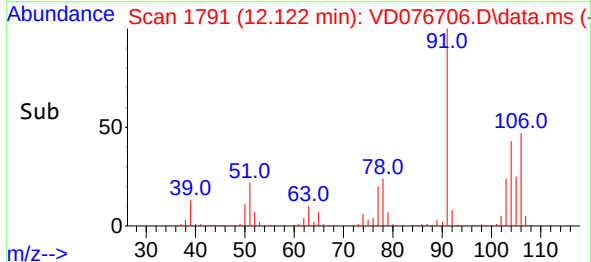
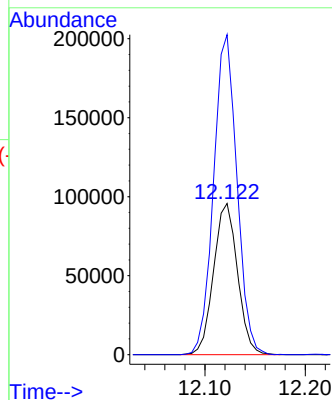
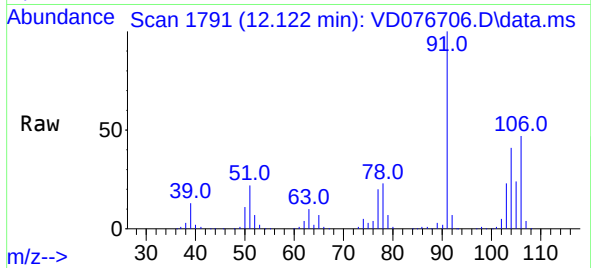




#54
o-Xylene
Concen: 23.440 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

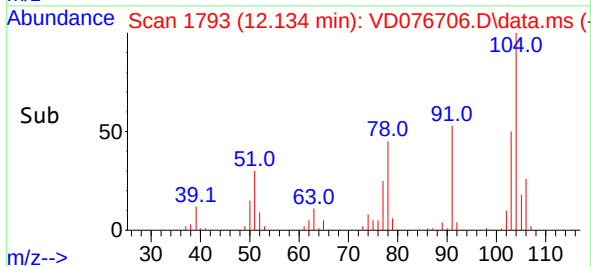
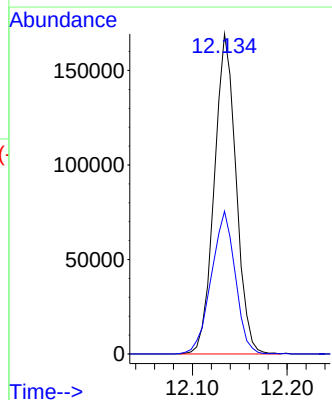
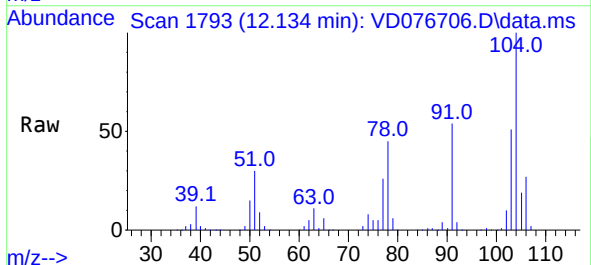
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

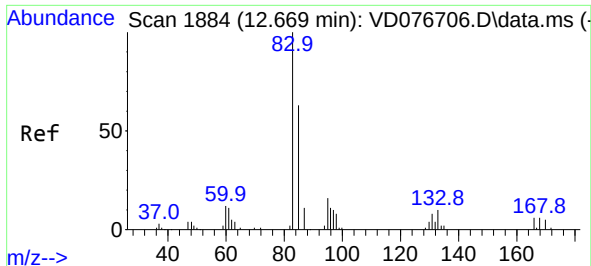
Tgt Ion:106 Resp: 158759
Ion Ratio Lower Upper
106 100
91 211.5 142.2 264.2



#55
Styrene
Concen: 23.148 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion:104 Resp: 270870
Ion Ratio Lower Upper
104 100
78 44.6 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 23.988 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD076706.D

Acq: 05 Jul 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD025171

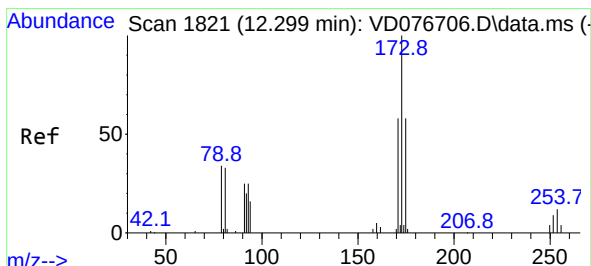
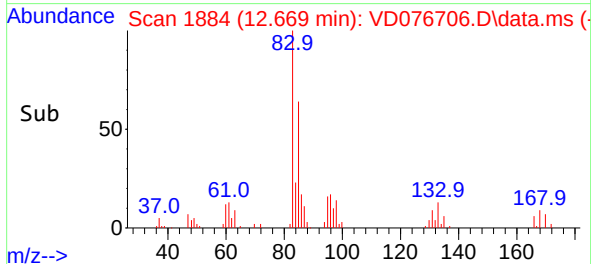
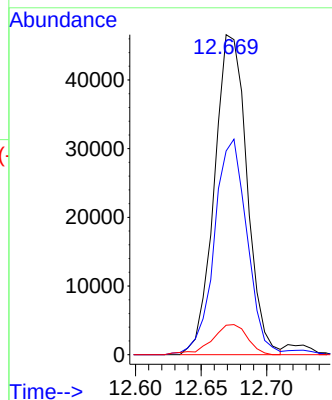
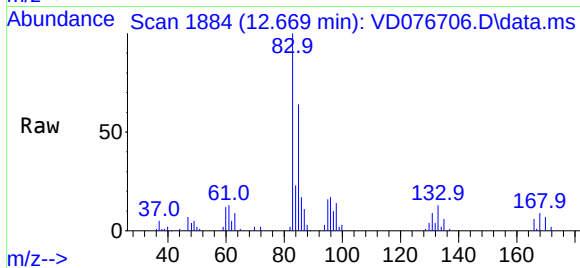
Tgt Ion: 83 Resp: 80567

Ion Ratio Lower Upper

83 100

85 63.6 46.3 86.1

131 9.2 7.0 10.4



#59

Bromoform

Concen: 24.703 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076706.D

Acq: 05 Jul 2023 09:38

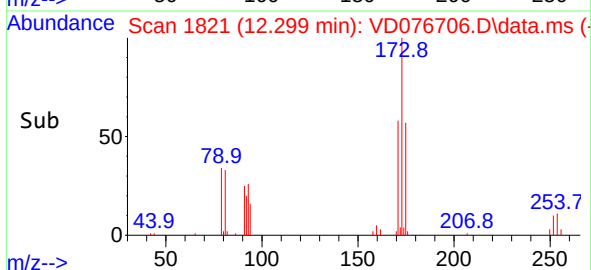
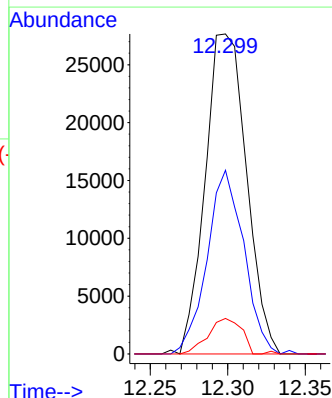
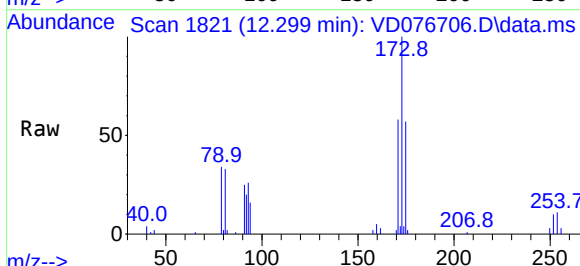
Tgt Ion:173 Resp: 51169

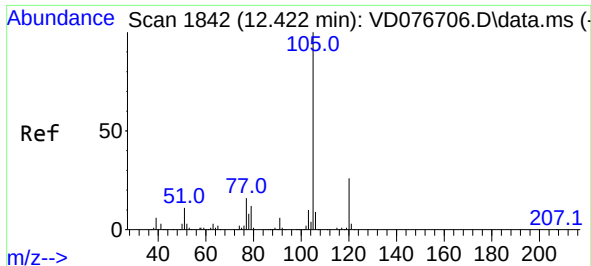
Ion Ratio Lower Upper

173 100

175 51.1 39.0 58.4

254 9.0 5.3 7.9#

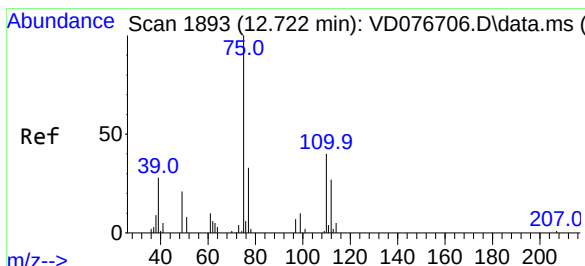
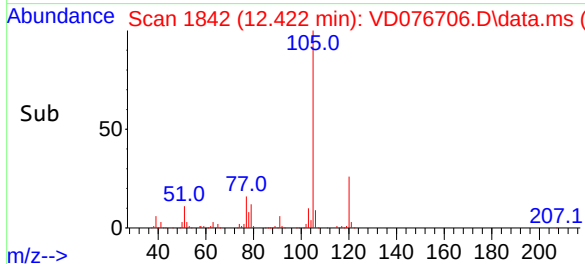
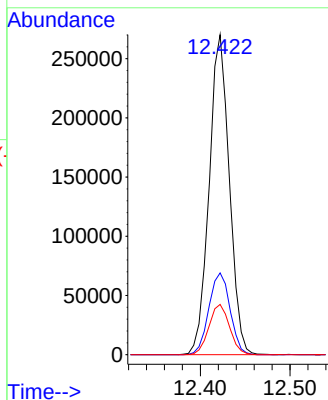
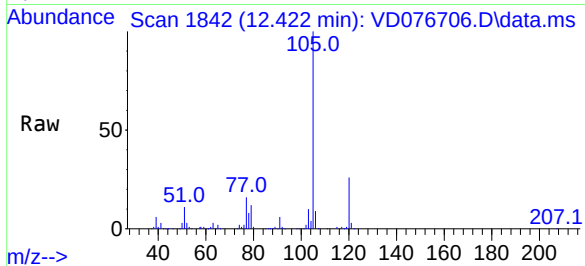




#60
Isopropylbenzene
Concen: 23.841 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

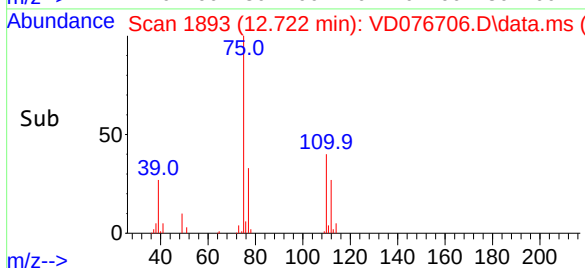
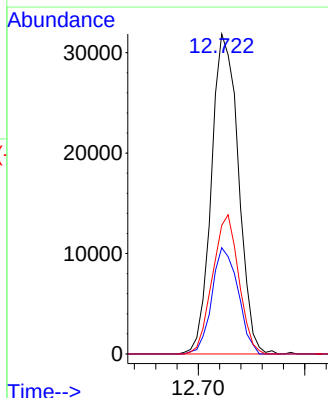
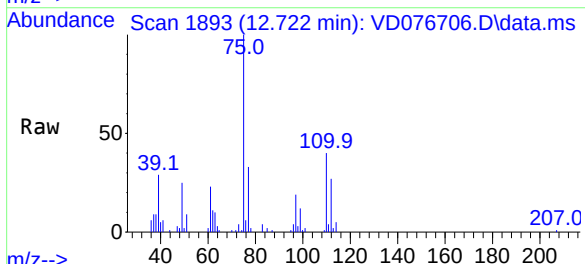
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

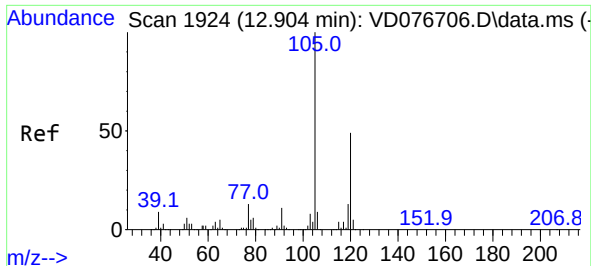
Tgt Ion:105 Resp: 421938
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 16.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 24.930 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 75 Resp: 55982
Ion Ratio Lower Upper
75 100
77 32.2 27.2 40.8
110 42.2 31.8 47.6

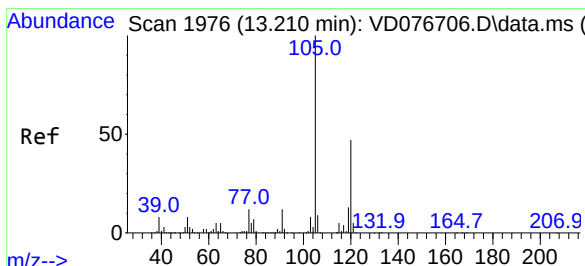
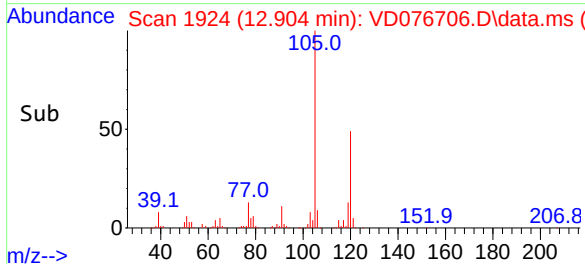
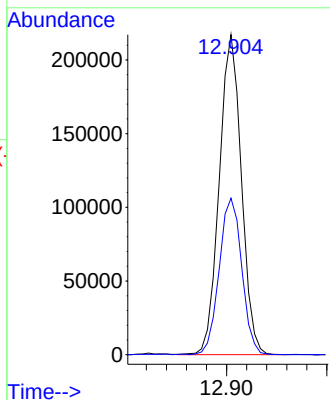
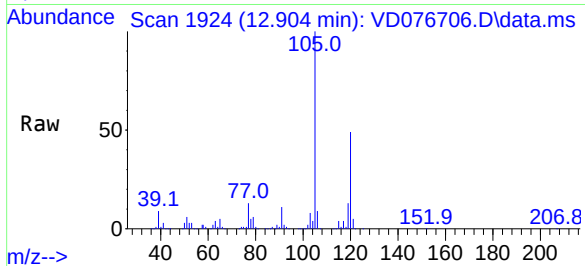




#62
1,3,5-Trimethylbenzene
Concen: 23.463 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

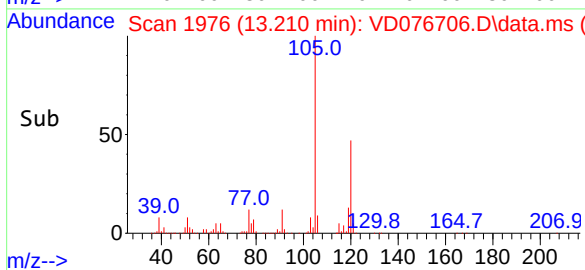
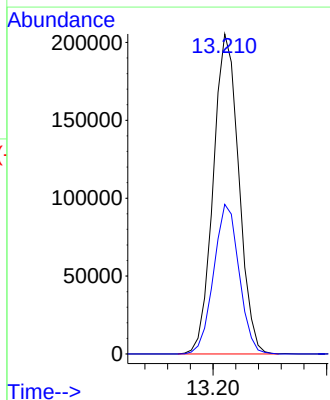
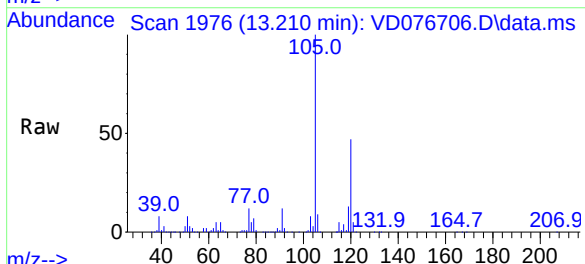
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

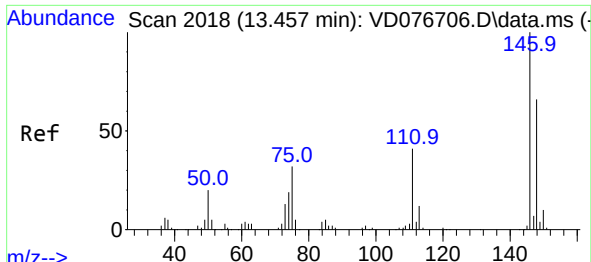
Tgt Ion:105 Resp: 332222
Ion Ratio Lower Upper
105 100
120 49.8 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 22.976 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion:105 Resp: 321029
Ion Ratio Lower Upper
105 100
120 46.6 37.5 56.3

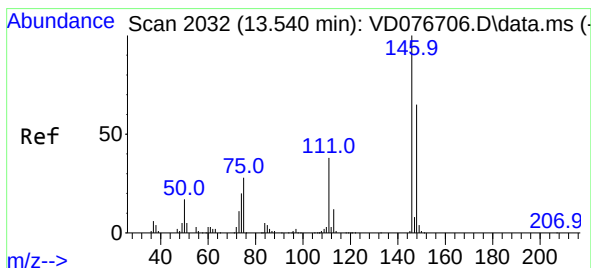
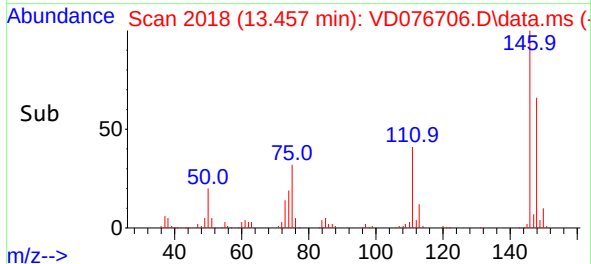
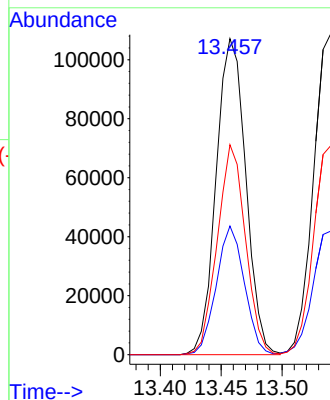
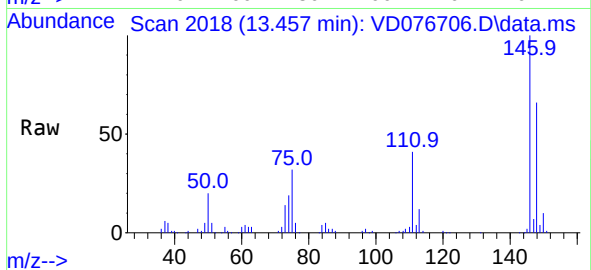




#64
1,3-Dichlorobenzene
Concen: 23.063 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

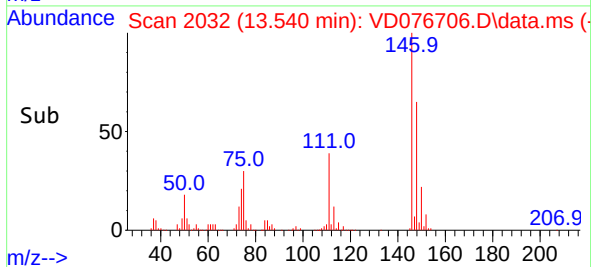
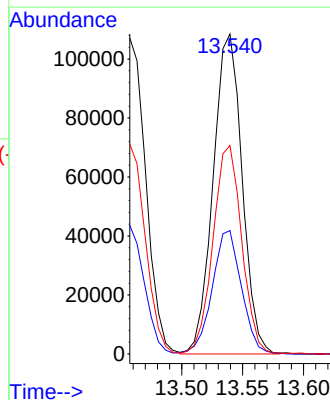
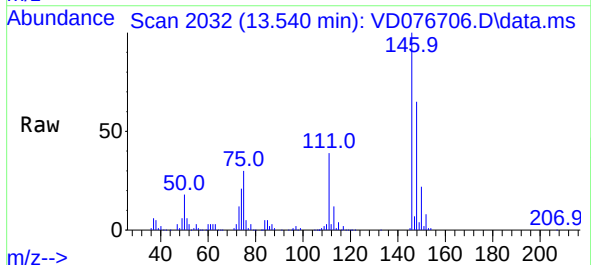
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

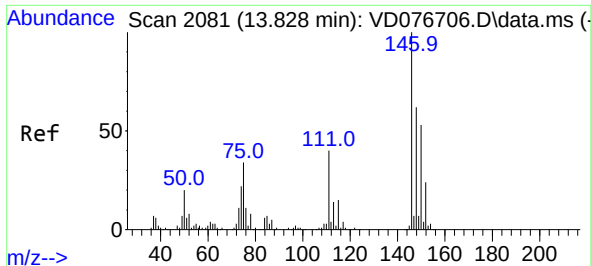
Tgt Ion:146 Resp: 181588
Ion Ratio Lower Upper
146 100
111 40.7 25.6 47.4
148 66.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 22.634 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion:146 Resp: 179635
Ion Ratio Lower Upper
146 100
111 38.6 25.7 47.7
148 65.1 45.4 84.2

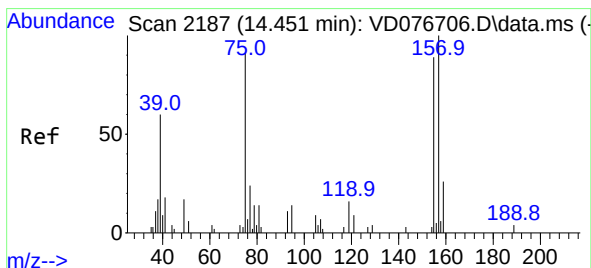
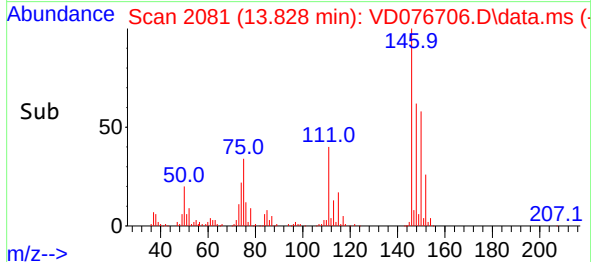
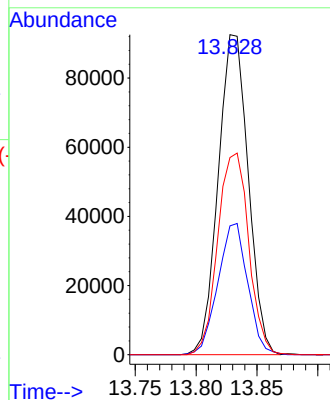
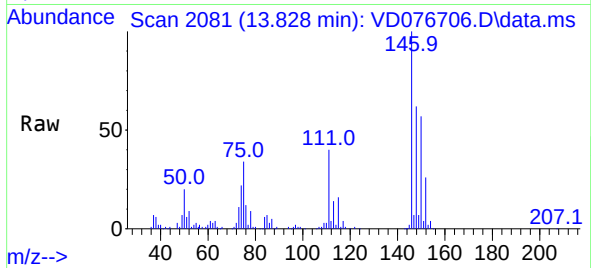




#67
1,2-Dichlorobenzene
Concen: 22.668 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

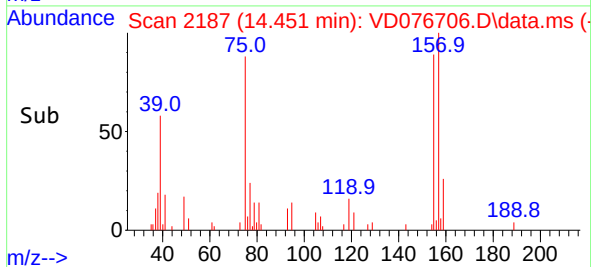
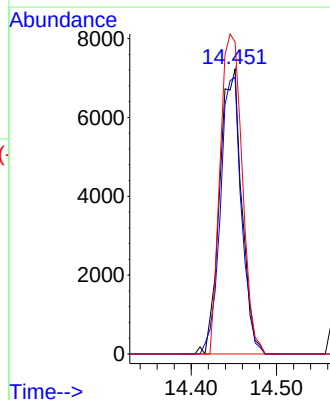
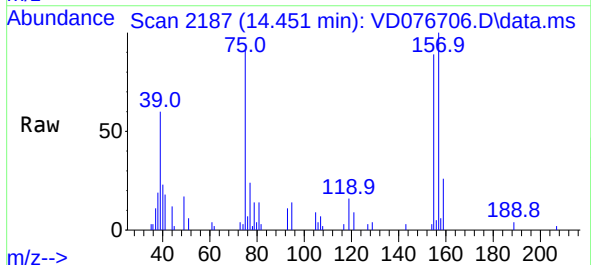
Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

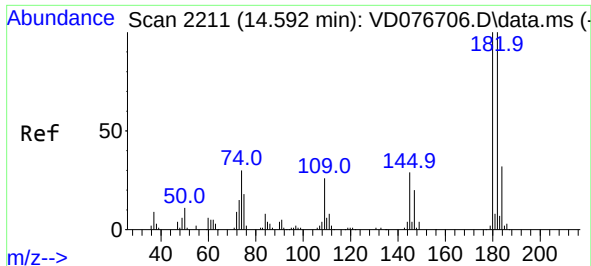
Tgt Ion:146 Resp: 158993
Ion Ratio Lower Upper
146 100
111 40.2 31.3 46.9
148 61.6 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.850 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion: 75 Resp: 12936
Ion Ratio Lower Upper
75 100
155 97.1 76.2 114.4
157 109.6 89.4 134.2

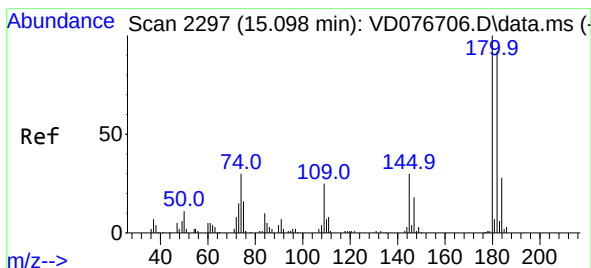
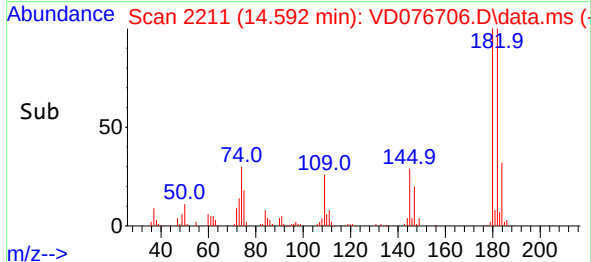
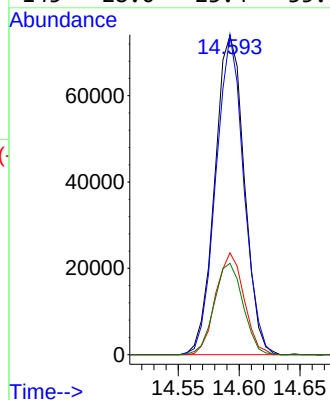
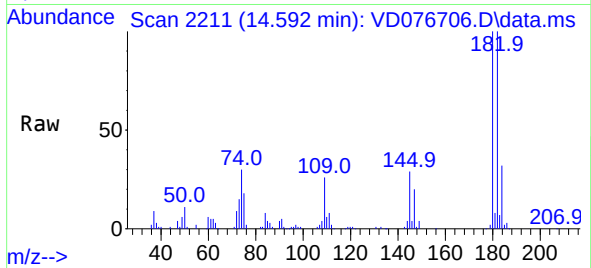




#69
 1,3,5-Trichlorobenzene
 Concen: 23.657 ug/L
 RT: 14.592 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VD076706.D
 Acq: 05 Jul 2023 09:38

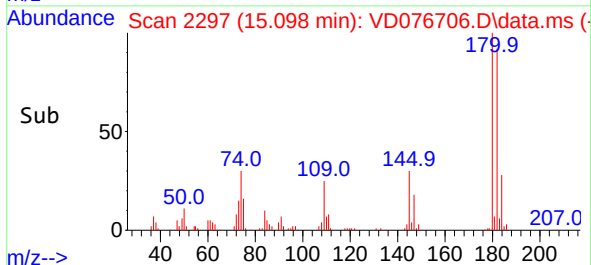
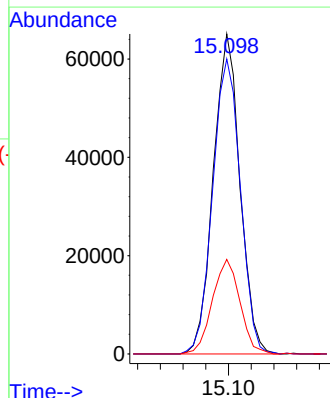
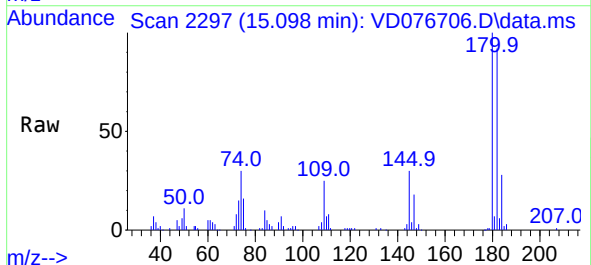
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025171

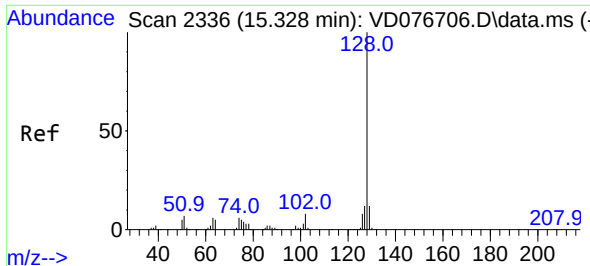
Tgt Ion:	180	Resp:	124240
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.1	115.7
184	30.5	25.0	37.4
145	28.0	23.4	35.0



#70
 1,2,4-trichlorobenzene
 Concen: 22.690 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076706.D
 Acq: 05 Jul 2023 09:38

Tgt Ion:	180	Resp:	106024
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.9	115.3
145	30.5	23.5	35.3

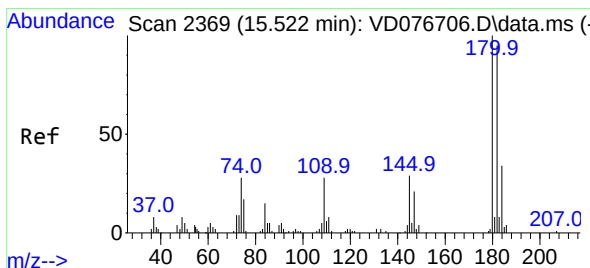
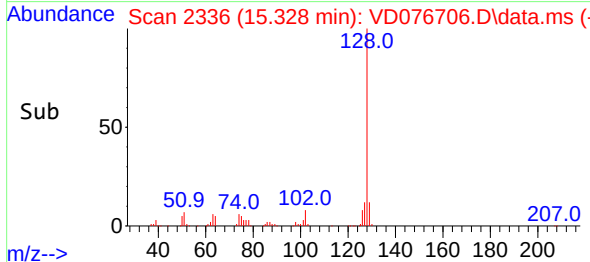
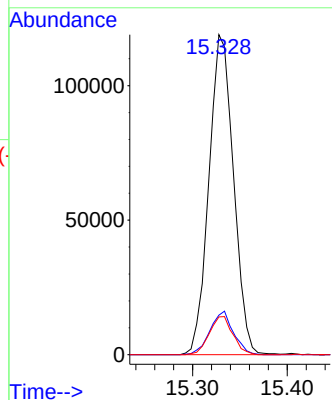
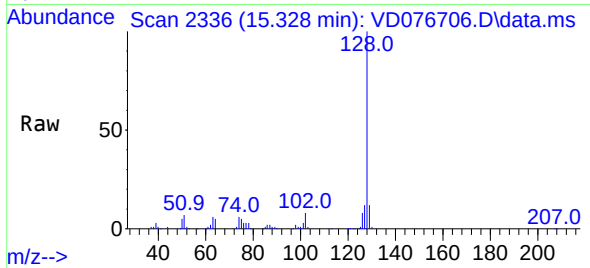




#71
Naphthalene
Concen: 24.052 ug/L
RT: 15.328 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025171

Tgt Ion:	128	Resp:	215174
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	11.4	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.454 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076706.D
Acq: 05 Jul 2023 09:38

Tgt Ion:	180	Resp:	95172
Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.3	111.5
145	30.9	25.0	37.6

