

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076677.D
 Acq On : 30 Jun 2023 21:52
 Operator : KP/SY
 Sample : VIBLK
 Misc : 6.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK125

Quant Time: Jul 03 01:32:53 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)

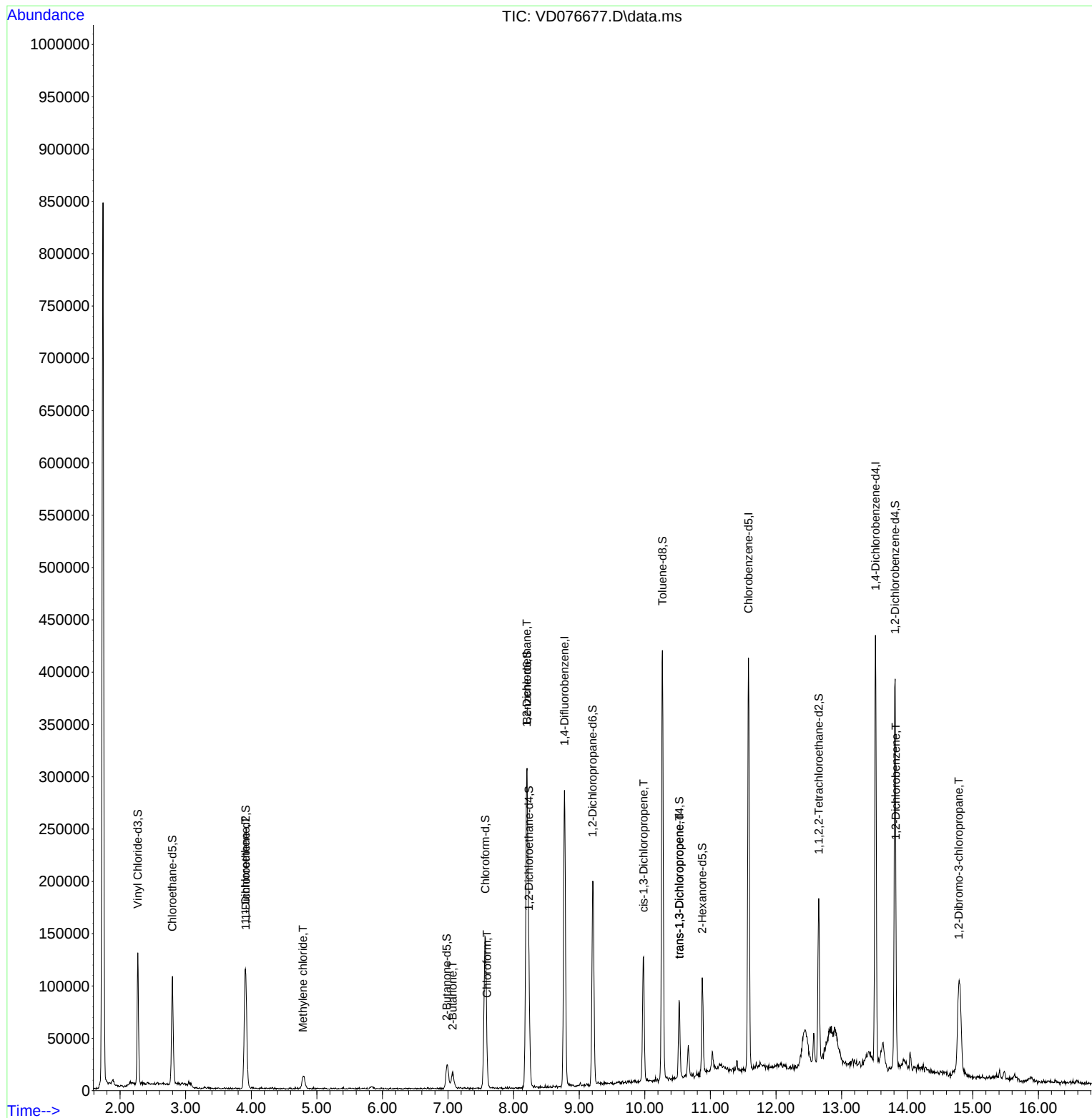
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	247769	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108246	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	112826	18.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.800%
7) Chloroethane-d5	2.799	69	97305	19.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
11) 1,1-Dichloroethene-d2	3.917	65	34787	22.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	6.981	46	42136	46.110	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.220%
24) Chloroform-d	7.569	84	150032	22.984	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.234	65	84857	26.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	8.205	84	302175	22.529	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	9.205	67	96761	22.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.269	98	285930	23.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.080%
43) trans-1,3-Dichloroprop...	10.528	79	39803	22.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.400%
47) 2-Hexanone-d5	10.875	63	30726	46.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76091	24.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	94155	23.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.920%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.911	96	1292	0.402	ug/L #	1
16) Methylene chloride	4.787	84	4181	0.971	ug/L	94
22) 2-Butanone	7.069	43	900	0.756	ug/L #	49
25) Chloroform	7.593	83	4490	0.702	ug/L	77
27) 1,2-Dichloroethane	8.199	62	2033	0.517	ug/L #	71
39) cis-1,3-Dichloropropene	9.981	75	3675	0.608	ug/L	88
44) trans-1,3-Dichloropropene	10.528	75	2117	0.431	ug/L #	48
67) 1,2-Dichlorobenzene	13.828	146	3449	0.526	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	14.787	75	5122	10.941	ug/L #	1

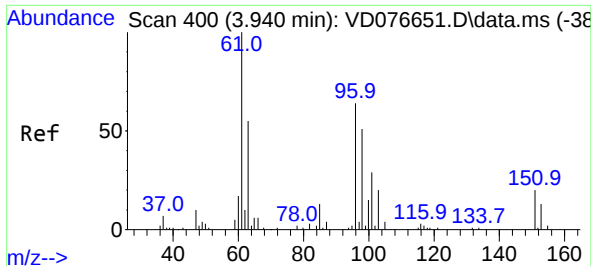
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 29 Sample Multiplier: 1

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

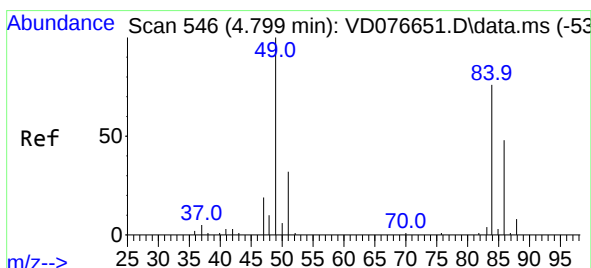
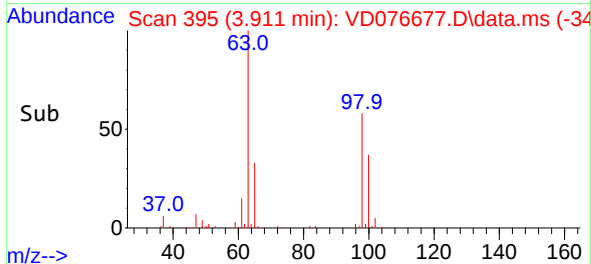
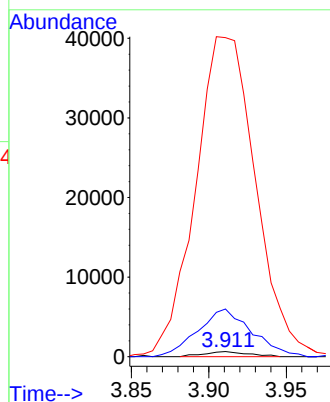
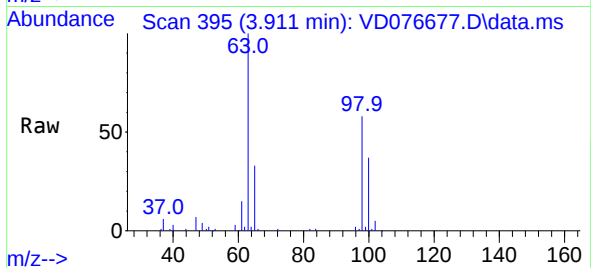




#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.018 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

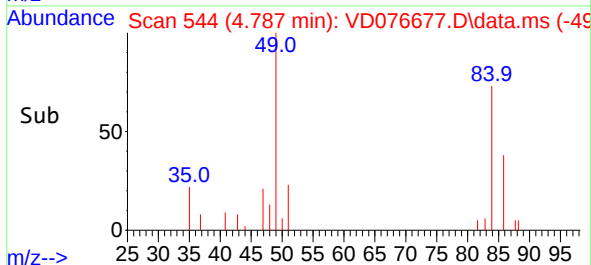
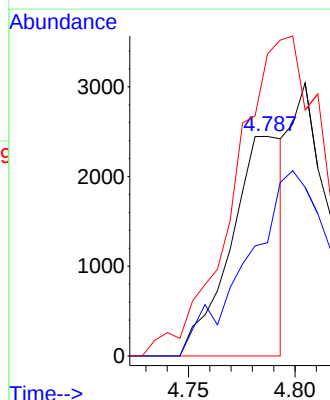
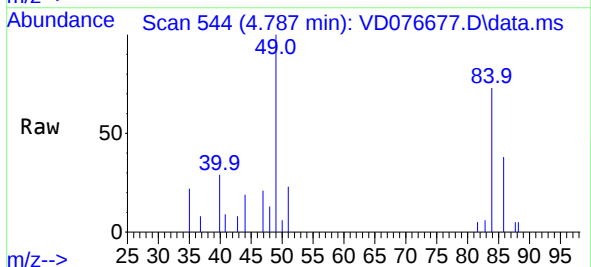
Instrument :
MSVOA_D
ClientSampleId :
VIBLK125

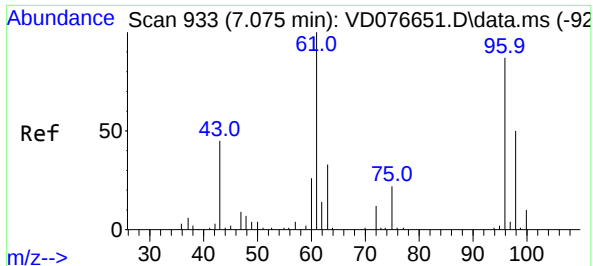
Tgt Ion: 96 Resp: 1292
Ion Ratio Lower Upper
96 100
61 913.4 113.0 209.8#
63 6121.5 83.6 155.2#



#16
Methylene chloride
Concen: 0.971 ug/L
RT: 4.787 min Scan# 544
Delta R.T. 0.000 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

Tgt Ion: 84 Resp: 4181
Ion Ratio Lower Upper
84 100
86 51.6 45.1 83.9
49 137.6 97.2 180.6

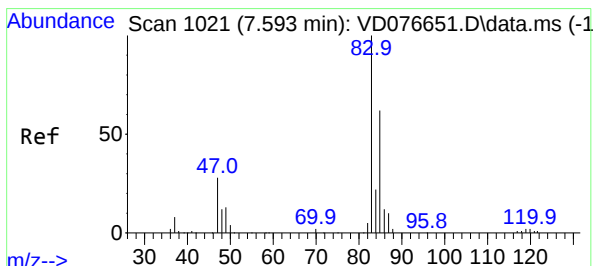
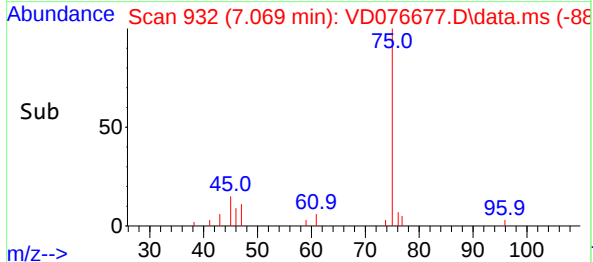
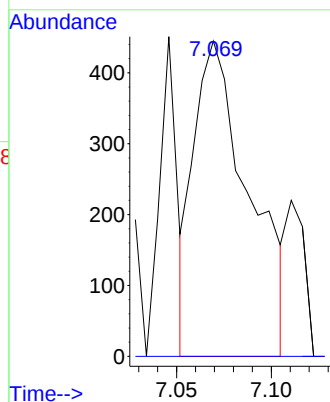
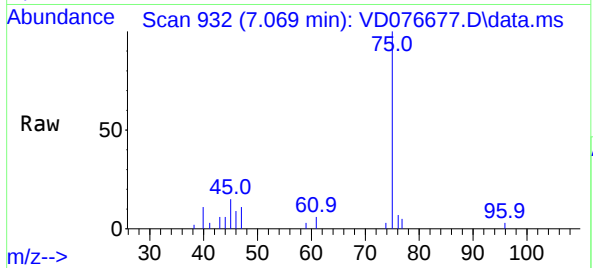




#22
2-Butanone
Concen: 0.756 ug/L
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

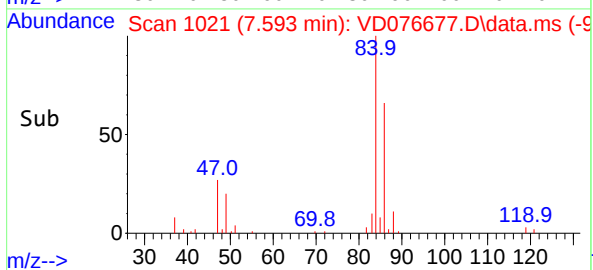
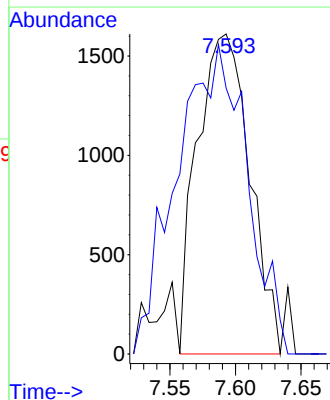
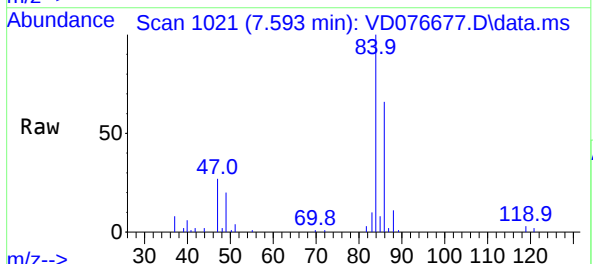
Instrument :
MSVOA_D
ClientSampleId :
VIBLK125

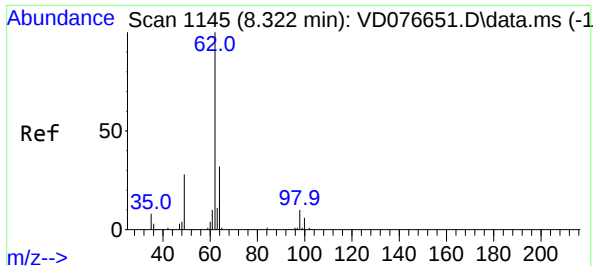
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#25
Chloroform
Concen: 0.702 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

Tgt Ion: 83 Resp: 4490
Ion Ratio Lower Upper
83 100
85 83.1 45.4 84.4

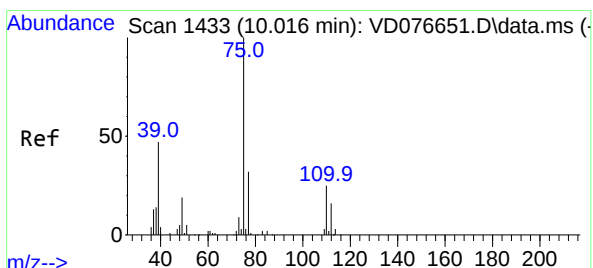
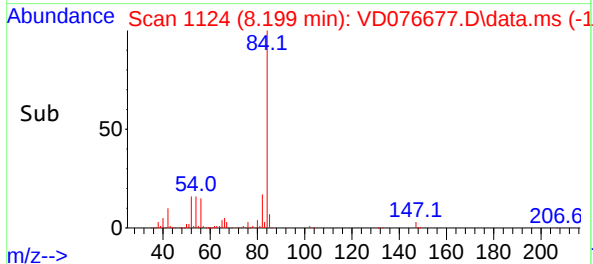
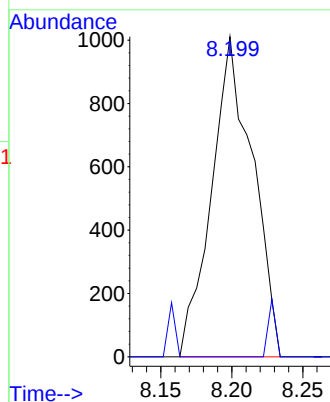
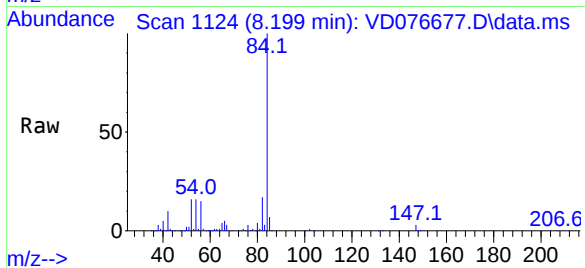




#27
1,2-Dichloroethane
Concen: 0.517 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.123 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

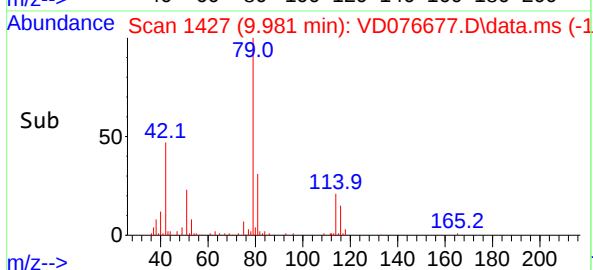
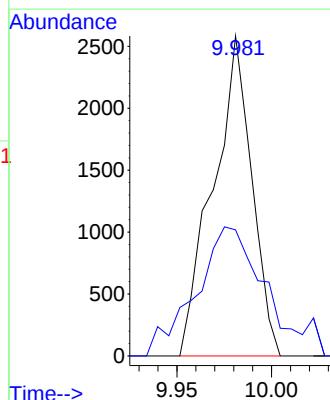
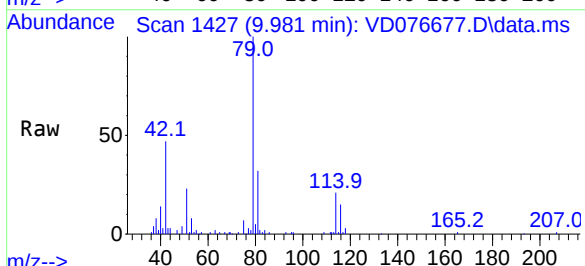
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VIBLK125

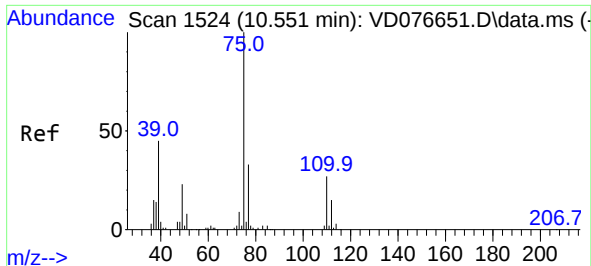
Tgt Ion: 62 Resp: 2033
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#39
cis-1,3-Dichloropropene
Concen: 0.608 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

Tgt Ion: 75 Resp: 3675
Ion Ratio Lower Upper
75 100
77 39.4 22.7 42.3

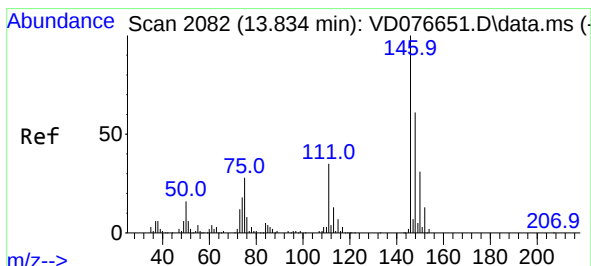
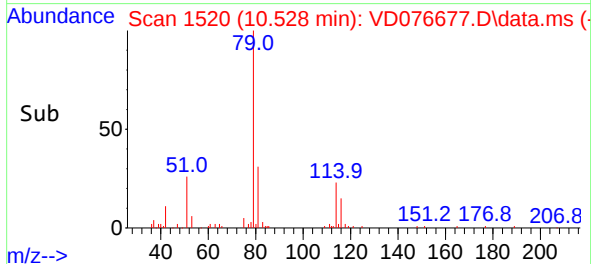
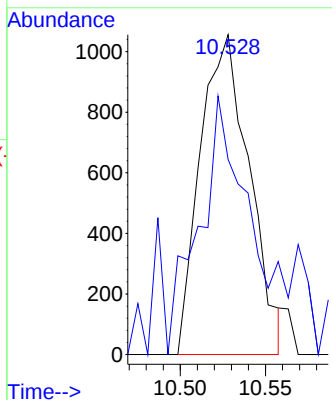
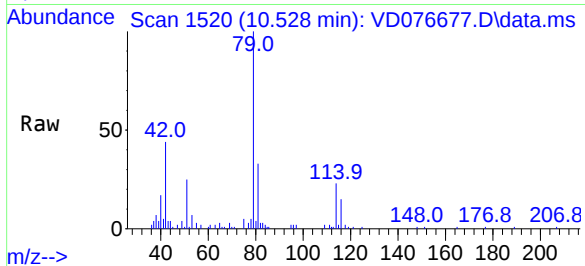




#44
trans-1,3-Dichloropropene
Concen: 0.431 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

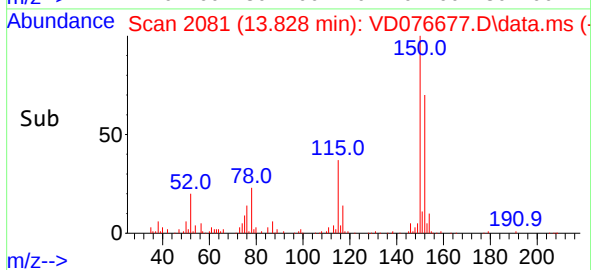
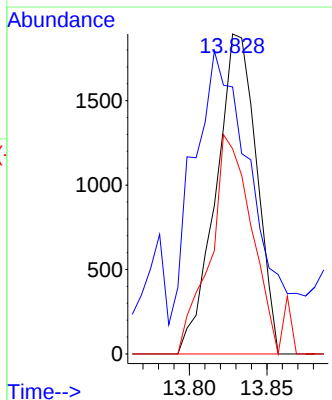
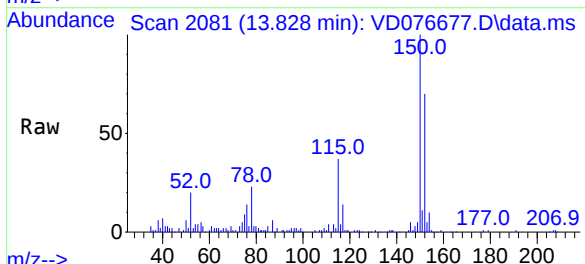
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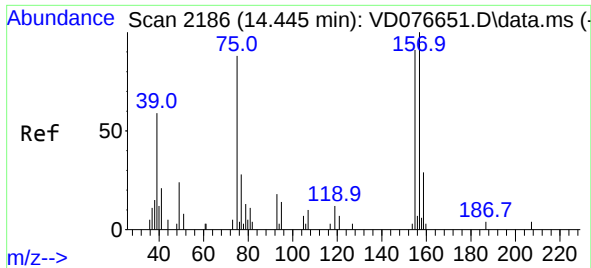
Tgt Ion: 75 Resp: 2117
Ion Ratio Lower Upper
75 100
77 61.0 22.5 41.7#



#67
1,2-Dichlorobenzene
Concen: 0.526 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

Tgt Ion:146 Resp: 3449
Ion Ratio Lower Upper
146 100
111 83.4 31.3 46.9#
148 64.1 51.7 77.5





#68
1,2-Dibromo-3-chloropropane
Concen: 10.941 ug/L
RT: 14.787 min Scan# 2186
Delta R.T. 0.341 min
Lab File: VD076677.D
Acq: 30 Jun 2023 21:52

Instrument :
MSVOA_D
ClientSampleId :
VIBLK125

Tgt Ion: 75 Resp: 5122
Ion Ratio Lower Upper
75 100
155 0.0 76.2 114.4#
157 0.0 89.4 134.2#

