

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076625.D
 Acq On : 28 Jun 2023 19:24
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK122

Quant Time: Jun 29 01:31:45 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)

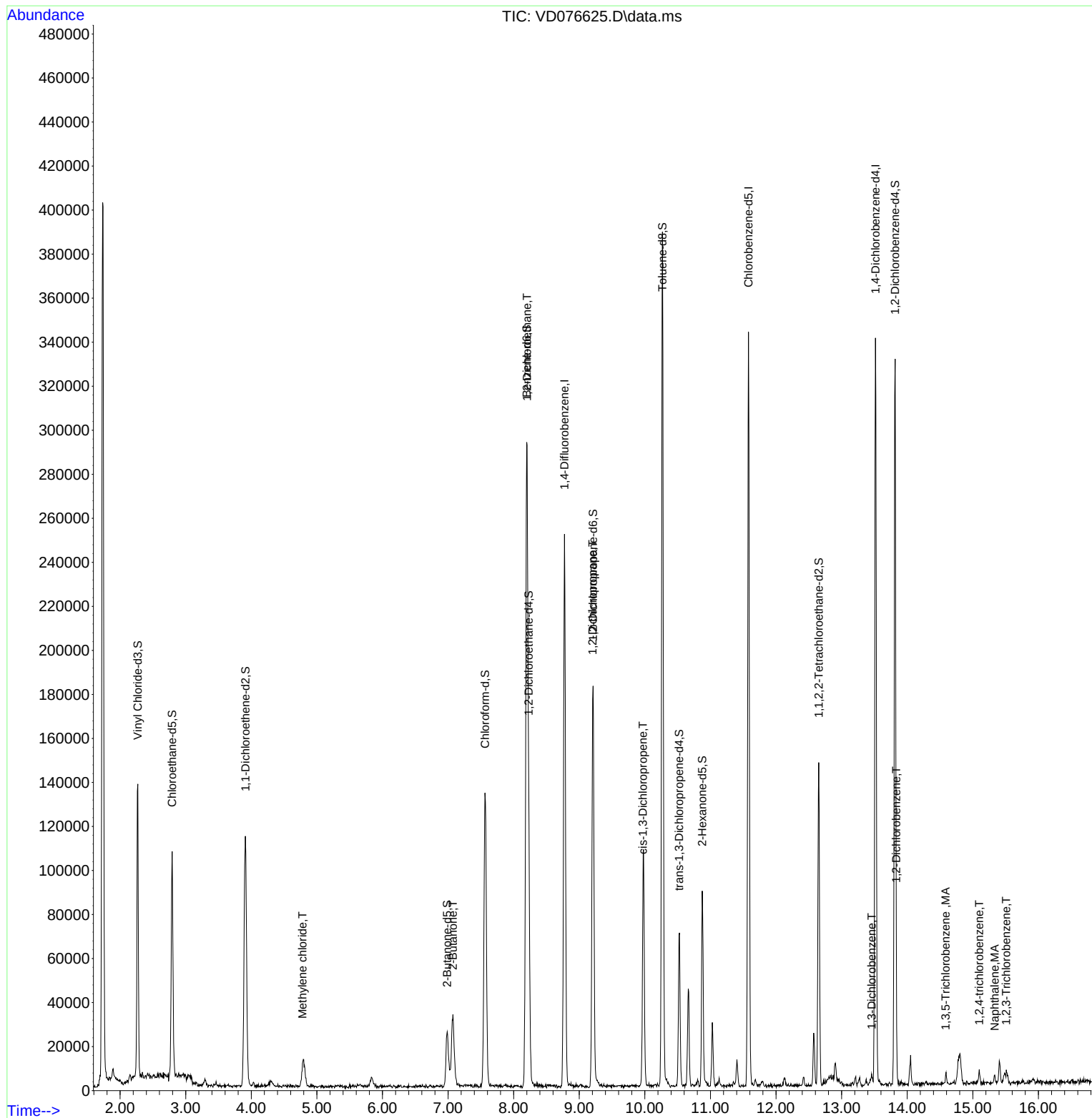
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	211102	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	191481	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	121657	23.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
7) Chloroethane-d5	2.793	69	99565	23.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	3.911	65	34536	25.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.960%
21) 2-Butanone-d5	6.987	46	45287	58.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.340%
24) Chloroform-d	7.563	84	139414	25.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.228	65	75492	27.514	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.040%
32) Benzene-d6	8.199	84	285104	24.340	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.210	67	91441	24.457	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	10.269	98	262737	24.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.522	79	39227	25.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.880%
47) 2-Hexanone-d5	10.875	63	30090	51.846	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	74536	28.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	84645	26.474	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						Qvalue
16) Methylene chloride	4.781	84	3234	0.881	ug/L	82
22) 2-Butanone	7.075	43	974	0.960	ug/L #	73
27) 1,2-Dichloroethane	8.204	62	2178	0.650	ug/L #	71
37) 1,2-Dichloropropane	9.204	63	9938	2.876	ug/L #	88
39) cis-1,3-Dichloropropene	9.969	75	3554	0.674	ug/L	85
64) 1,3-Dichlorobenzene	13.457	146	1991	0.335	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	1924	0.364	ug/L	93
69) 1,3,5-Trichlorobenzene	14.586	180	1567	0.396	ug/L #	87
70) 1,2,4-trichlorobenzene	15.098	180	1867	0.530	ug/L #	85
71) Naphthalene	15.334	128	3555	0.527	ug/L	97
72) 1,2,3-Trichlorobenzene	15.510	180	1966	0.643	ug/L	98

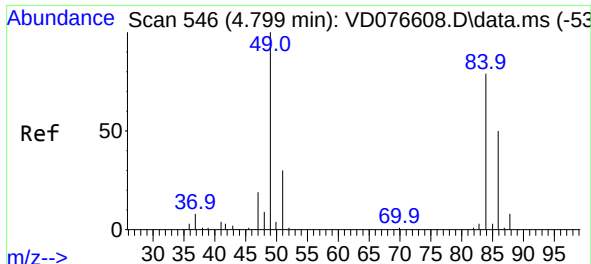
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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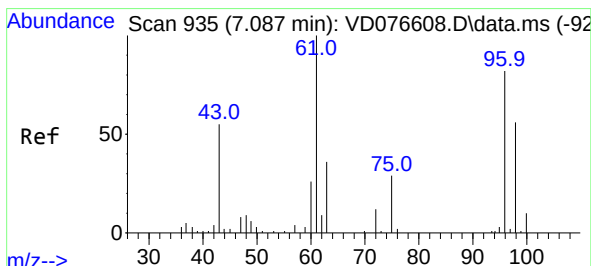
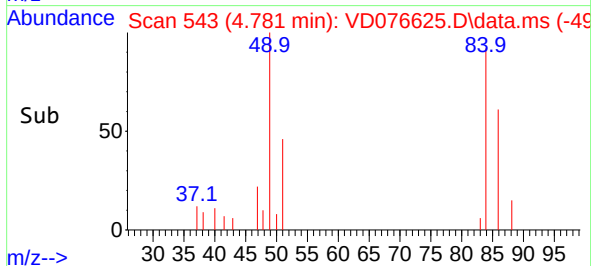
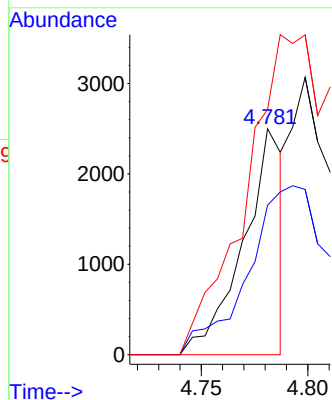
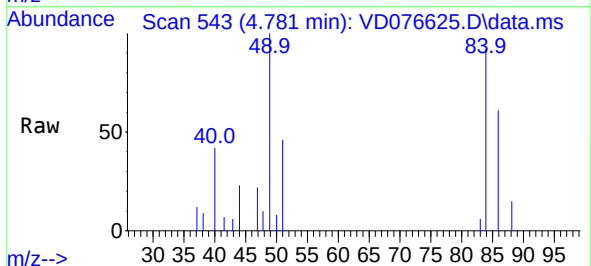




#16
Methylene chloride
Concen: 0.881 ug/L
RT: 4.781 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

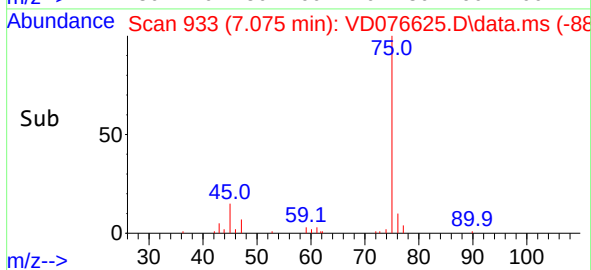
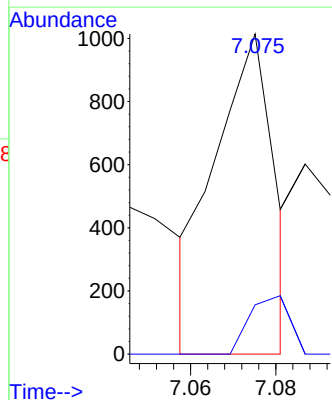
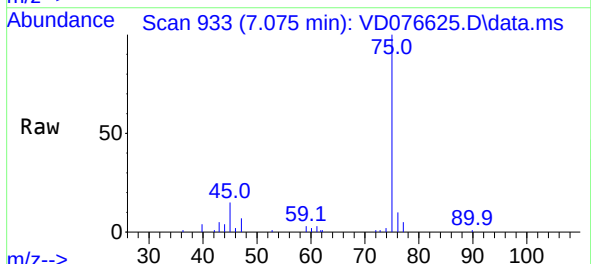
Instrument :
MSVOA_D
ClientSampleId :
VIBLK122

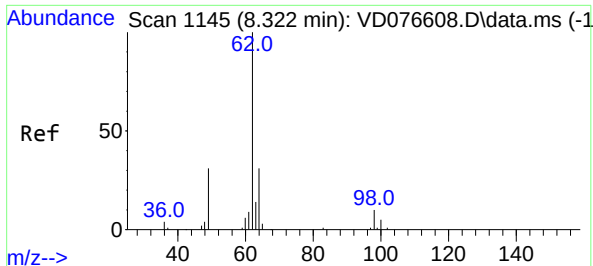
Tgt Ion: 84 Resp: 3234
Ion Ratio Lower Upper
84 100
86 66.2 45.1 83.9
49 108.4 97.2 180.6



#22
2-Butanone
Concen: 0.960 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
72 12.3 12.9 38.7#

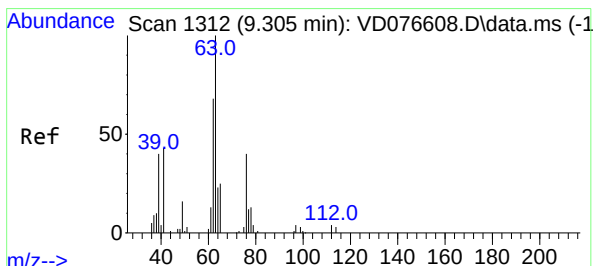
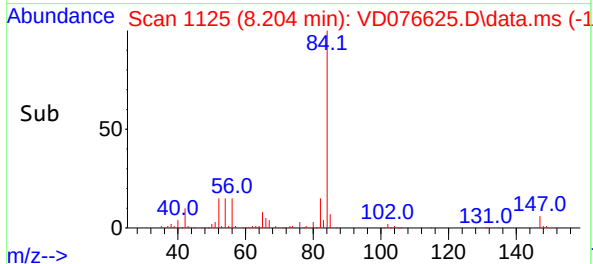
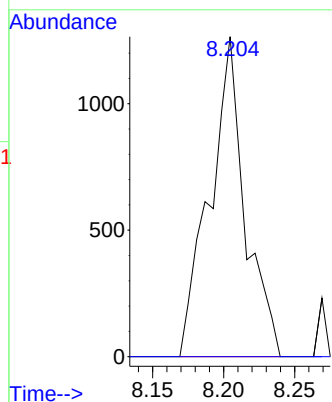
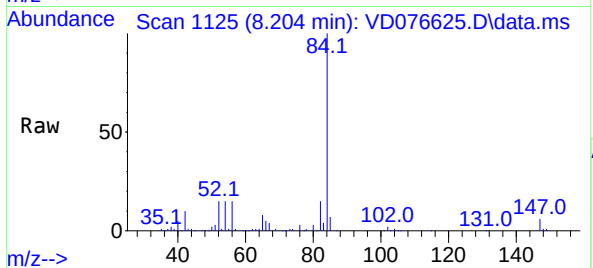




#27
1,2-Dichloroethane
Concen: 0.650 ug/L
RT: 8.204 min Scan# 1145
Delta R.T. -0.118 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

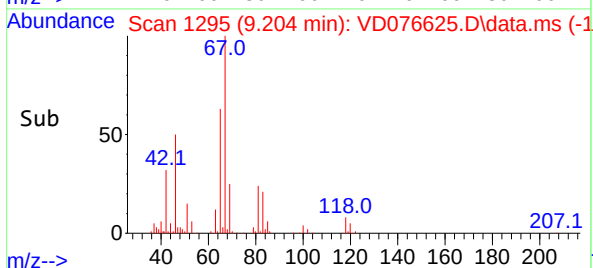
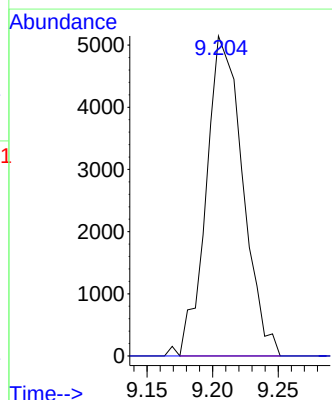
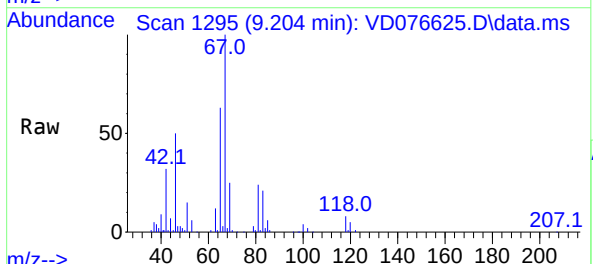
Instrument :
MSVOA_D
ClientSampleId :
VIBLK122

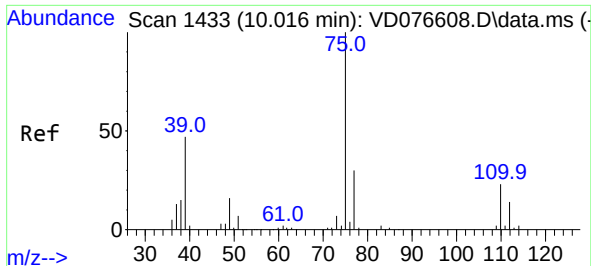
Tgt Ion: 62 Resp: 2178
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#37
1,2-Dichloropropane
Concen: 2.876 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

Tgt Ion: 63 Resp: 9938
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

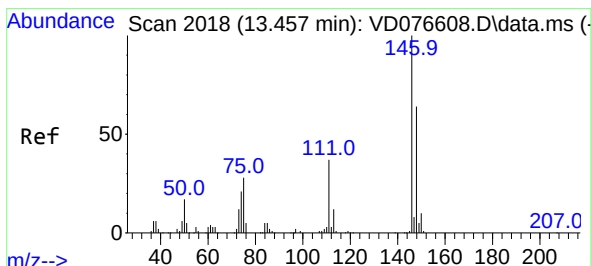
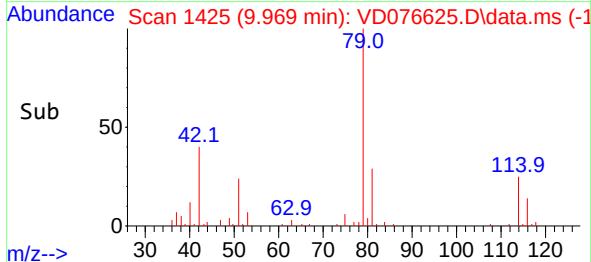
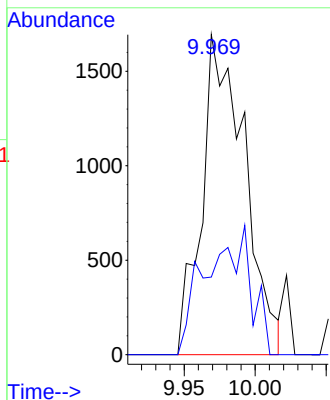
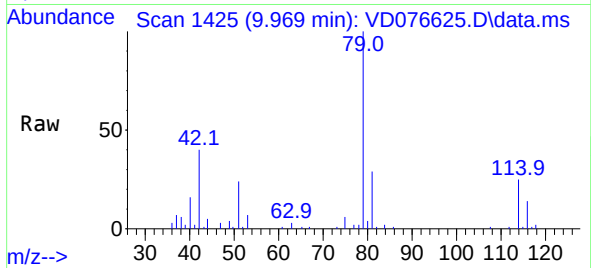




#39
cis-1,3-Dichloropropene
Concen: 0.674 ug/L
RT: 9.969 min Scan# 1433
Delta R.T. -0.047 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

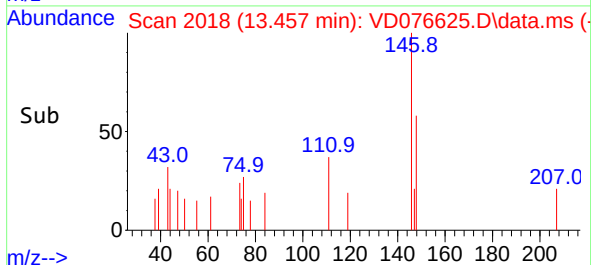
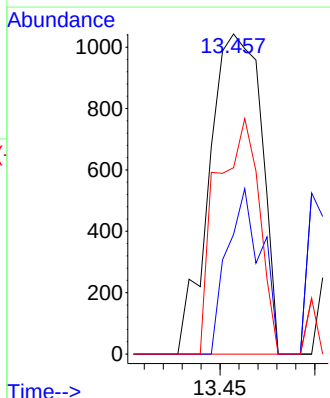
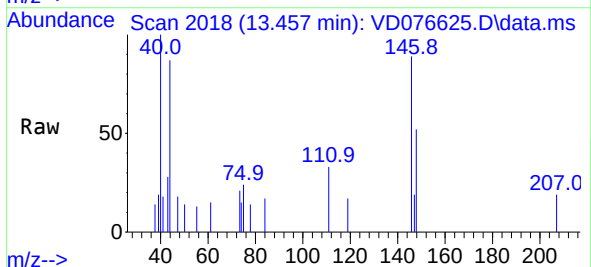
Instrument :
MSVOA_D
ClientSampleId :
VIBLK122

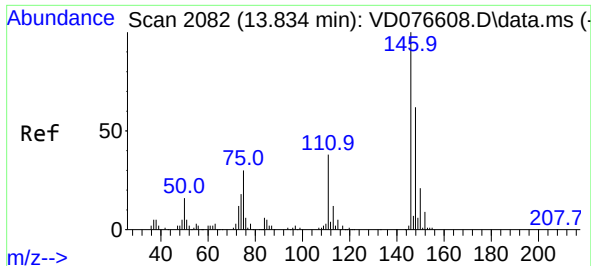
Tgt Ion: 75 Resp: 3554
Ion Ratio Lower Upper
75 100
77 24.3 22.7 42.3



#64
1,3-Dichlorobenzene
Concen: 0.335 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

Tgt Ion: 146 Resp: 1991
Ion Ratio Lower Upper
146 100
111 37.4 25.6 47.4
148 58.2 44.3 82.3

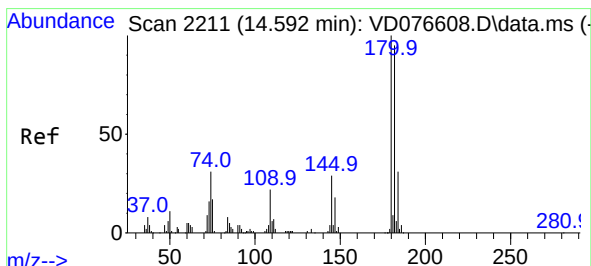
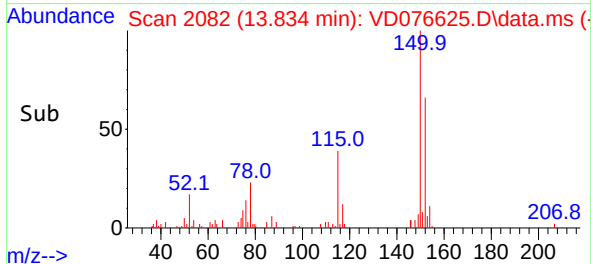
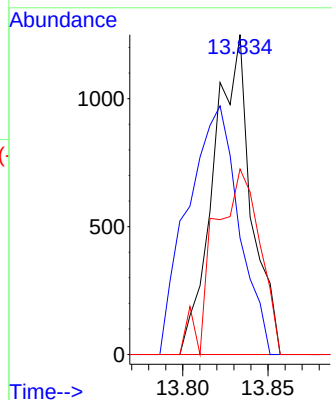
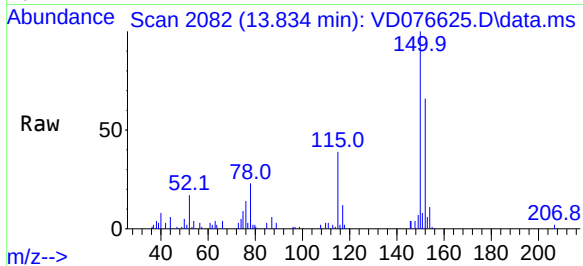




#67
1,2-Dichlorobenzene
Concen: 0.364 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

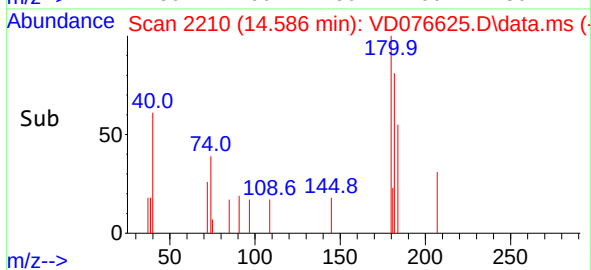
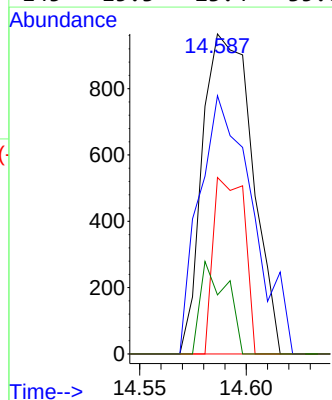
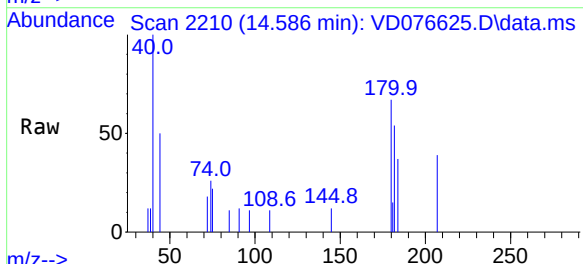
Instrument :
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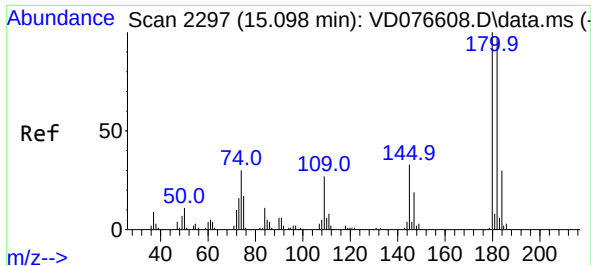
Tgt Ion:	146	Resp:	1924
Ion	Ratio	Lower	Upper
146	100		
111	36.5	31.3	46.9
148	58.0	51.7	77.5



#69
1,3,5-Trichlorobenzene
Concen: 0.396 ug/L
RT: 14.586 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

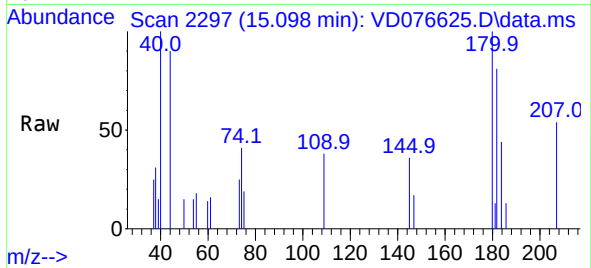
Tgt Ion:	180	Resp:	1567
Ion	Ratio	Lower	Upper
180	100		
182	86.0	77.1	115.7
184	34.5	25.0	37.4
145	15.3	23.4	35.0



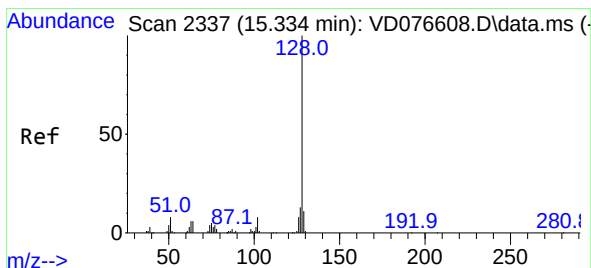
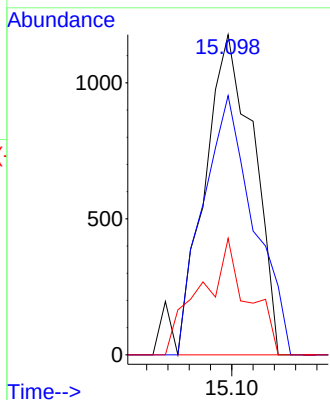
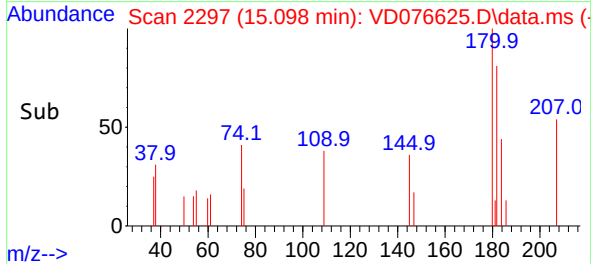


#70
1,2,4-trichlorobenzene
Concen: 0.530 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24

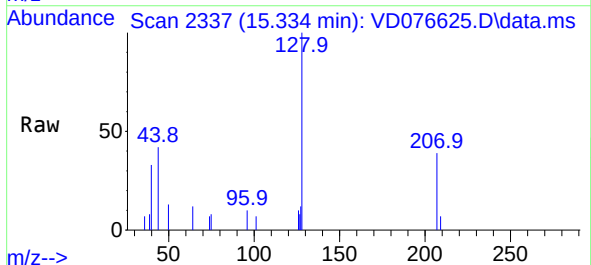
Instrument :
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ClientSampleId :
VIBLK122



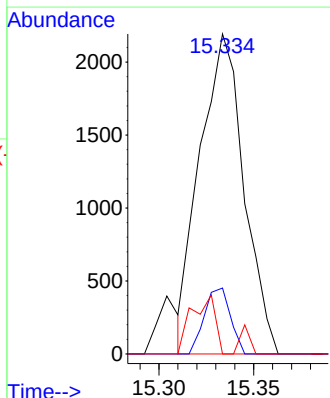
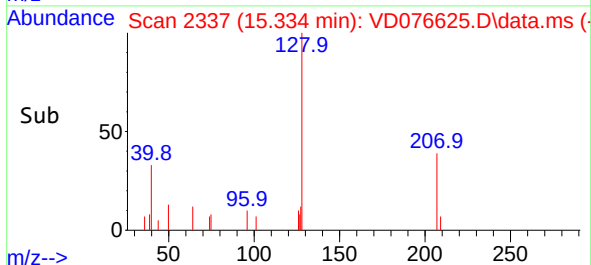
Tgt Ion:180 Resp: 1867
Ion Ratio Lower Upper
180 100
182 84.6 76.9 115.3
145 15.4 23.5 35.3#

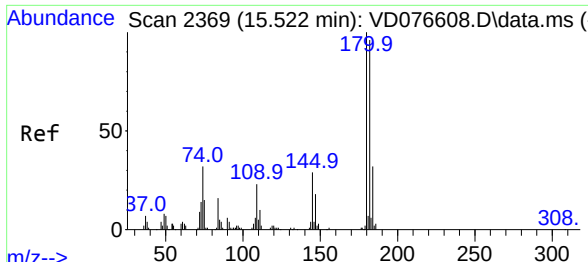


#71
Naphthalene
Concen: 0.527 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076625.D
Acq: 28 Jun 2023 19:24



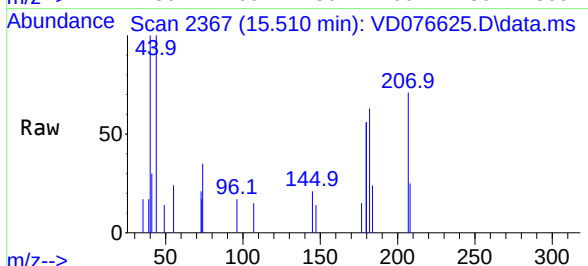
Tgt Ion:128 Resp: 3555
Ion Ratio Lower Upper
128 100
127 12.2 10.8 16.2
129 9.8 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.643 ug/L
 RT: 15.510 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD076625.D
 Acq: 28 Jun 2023 19:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK122



Tgt Ion:	180	Resp:	1966
Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.3	111.5
145	34.6	25.0	37.6

