

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076097.D
 Acq On : 11 May 2023 23:32
 Operator : KP/SY
 Sample : 02591-36
 Misc : 4.79G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREA7

Quant Time: May 12 03:07:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

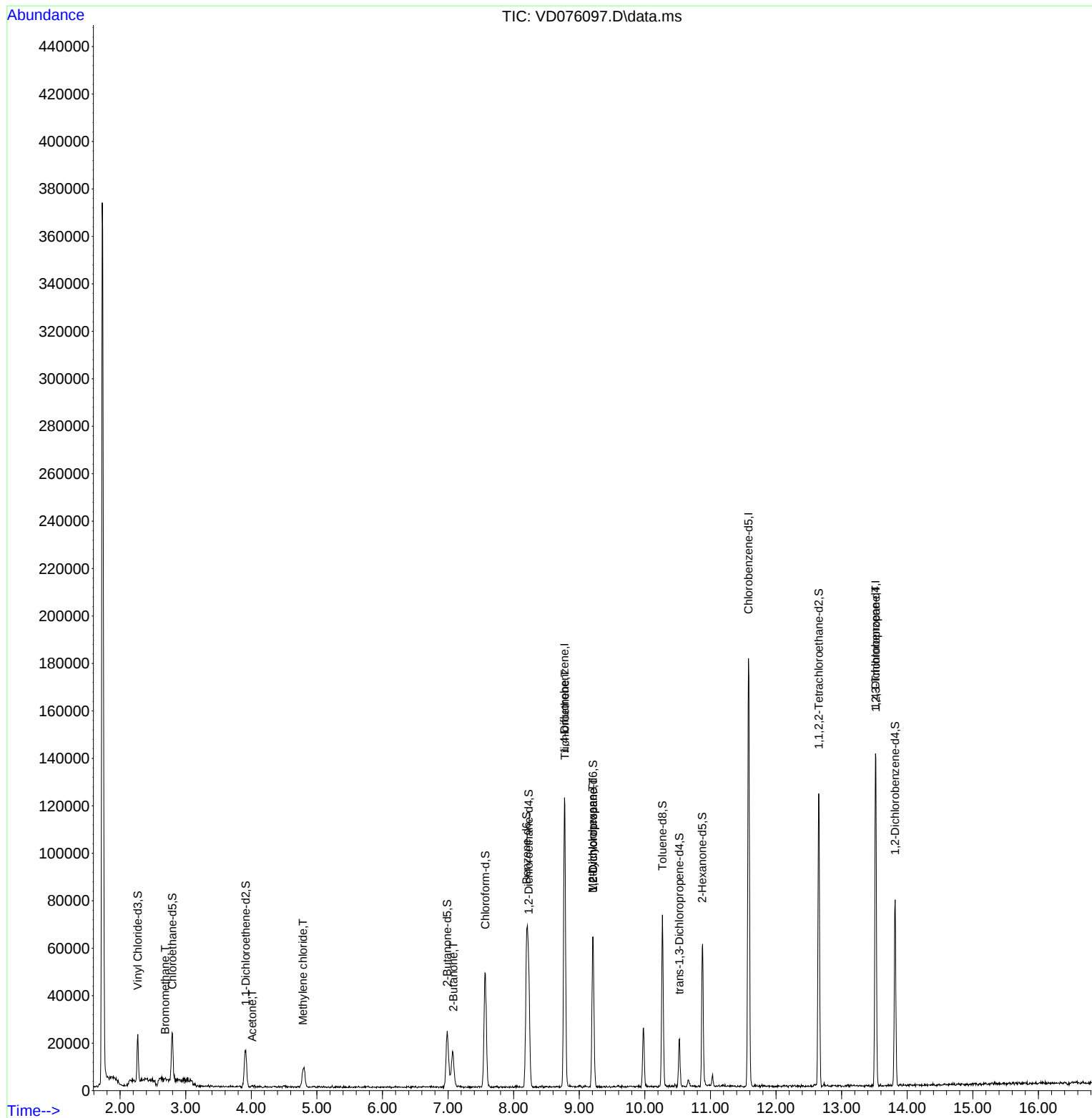
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	122763	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	120666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43900	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	18403	9.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.200%
7) Chloroethane-d5	2.799	69	22424	13.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.040%
11) 1,1-Dichloroethene-d2	3.916	65	4750	10.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.200%#
21) 2-Butanone-d5	6.987	46	39510	156.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	312.520%#
24) Chloroform-d	7.569	84	54533	21.203	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	8.228	65	34514	30.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.120%
32) Benzene-d6	8.198	84	76117	13.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.960%
36) 1,2-Dichloropropane-d6	9.210	67	34654	20.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.680%
41) Toluene-d8	10.269	98	51497	10.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	42.480%
43) trans-1,3-Dichloroprop...	10.528	79	12123	19.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.080%
47) 2-Hexanone-d5	10.875	63	22212	90.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	180.980%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67280	46.608	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	186.440%#
66) 1,2-Dichlorobenzene-d4	13.816	152	23058	18.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.560%#
Target Compounds						
					Qvalue	
6) Bromomethane	2.687	94	659	0.381	ug/L #	61
13) Acetone	4.016	43	505	2.242	ug/L	74
16) Methylene chloride	4.787	84	2749	1.377	ug/L	89
22) 2-Butanone	7.081	43	406	1.290	ug/L #	34
34) Trichloroethene	8.781	95	2716	1.569	ug/L #	2
35) Methylcyclohexane	9.204	83	8443	3.218	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	3288	1.922	ug/L #	85
61) 1,2,3-Trichloropropane	13.522	75	4472	6.333	ug/L #	60

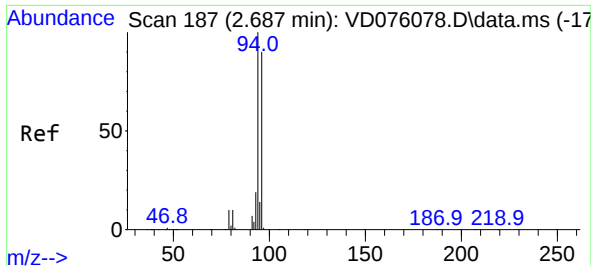
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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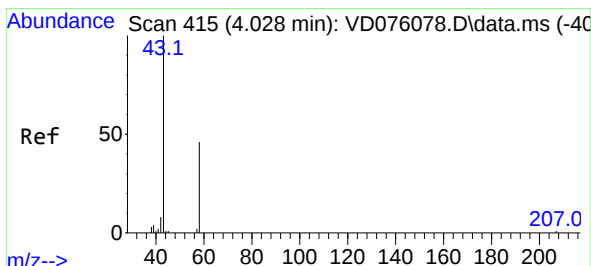
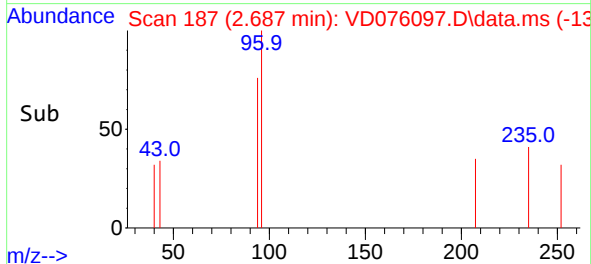
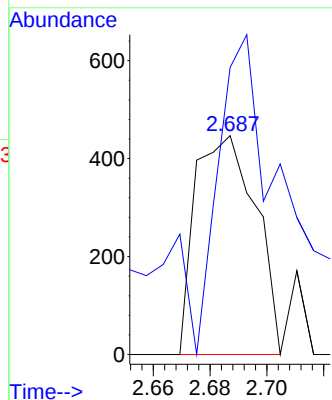
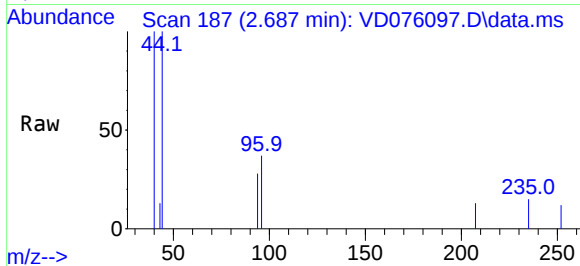




#6
Bromomethane
Concen: 0.381 ug/L
RT: 2.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

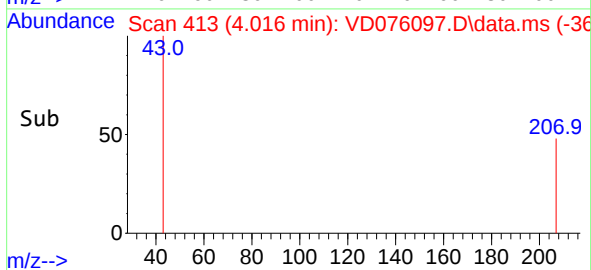
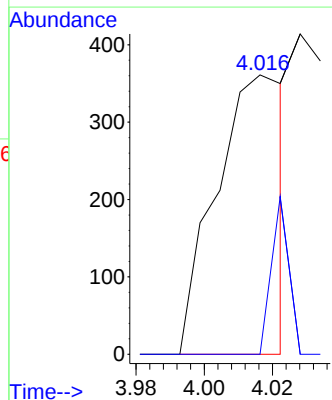
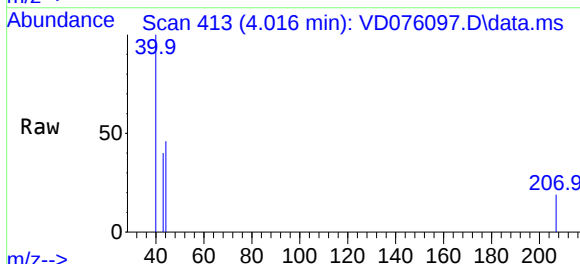
Instrument :
MSVOA_D
ClientSampleId :
JREA7

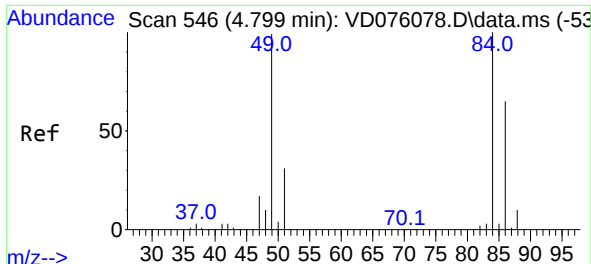
Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 131.1 65.7 121.9#



#13
Acetone
Concen: 2.242 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

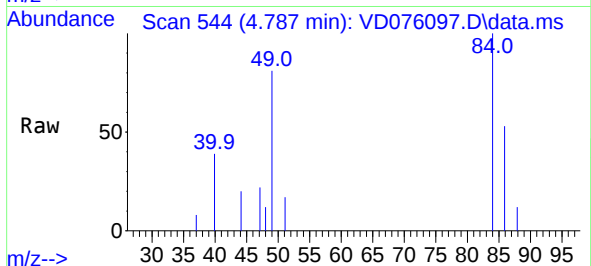
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
58 27.1 0.0 87.4





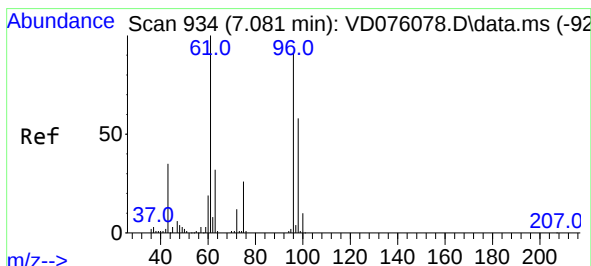
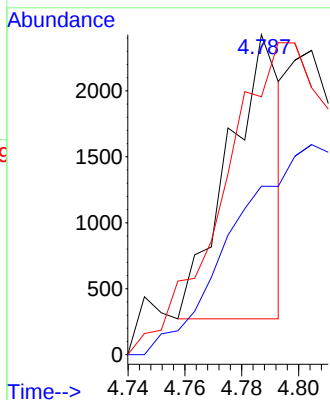
#16
Methylene chloride
Concen: 1.377 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

Instrument :
MSVOA_D
ClientSampleId :
JREA7



Tgt Ion: 84 Resp: 2749

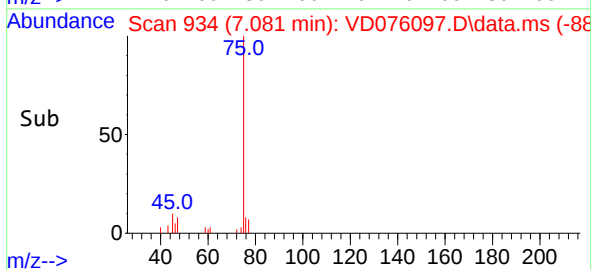
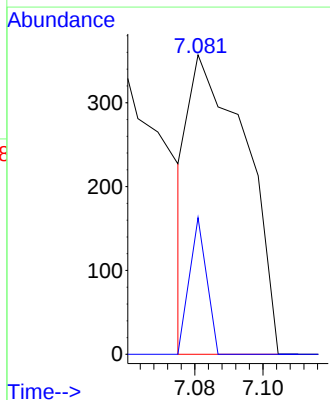
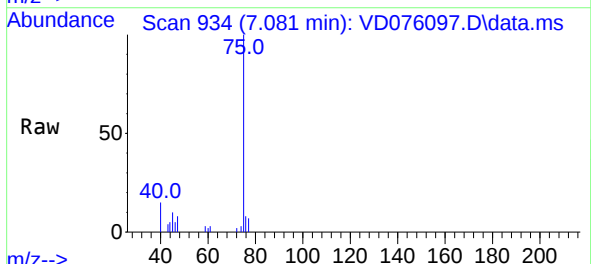
Ion	Ratio	Lower	Upper
84	100		
86	52.6	45.8	85.2
49	80.6	60.8	112.8

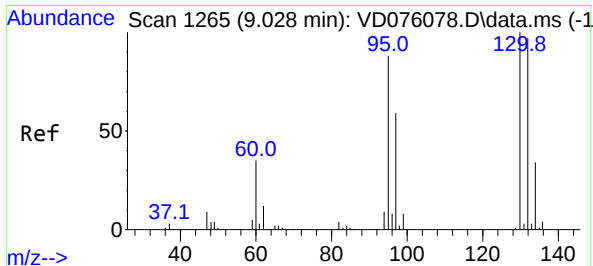


#22
2-Butanone
Concen: 1.290 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

Tgt Ion: 43 Resp: 406

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	61.5#



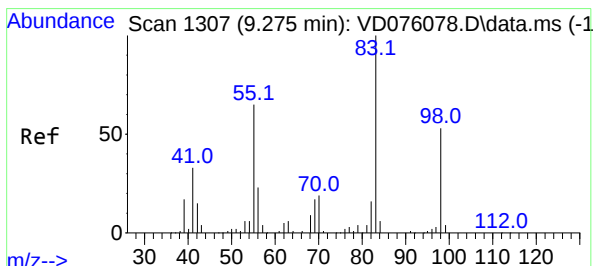
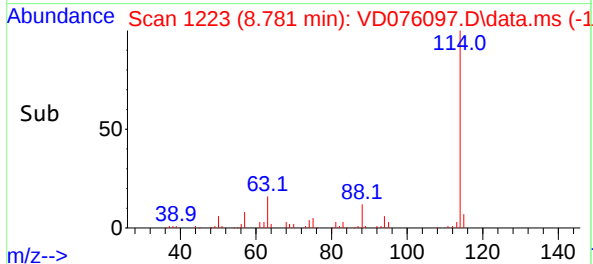
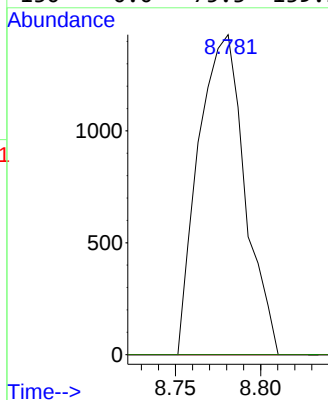
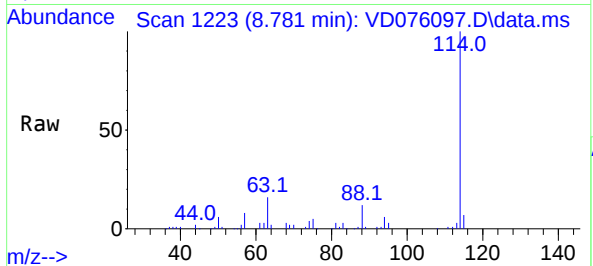


#34
Trichloroethene
Concen: 1.569 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

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Tgt Ion: 95 Resp: 2716

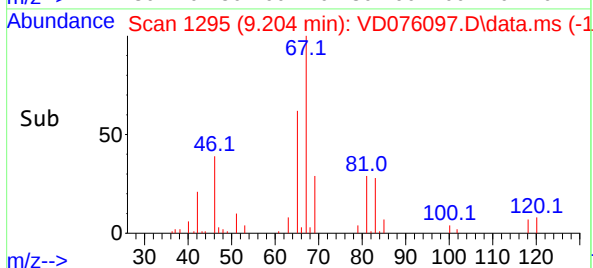
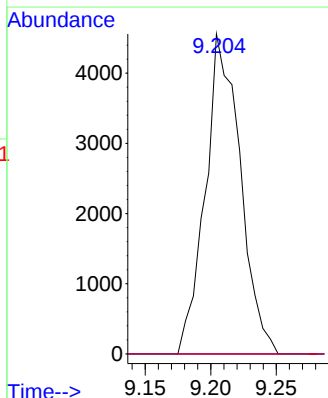
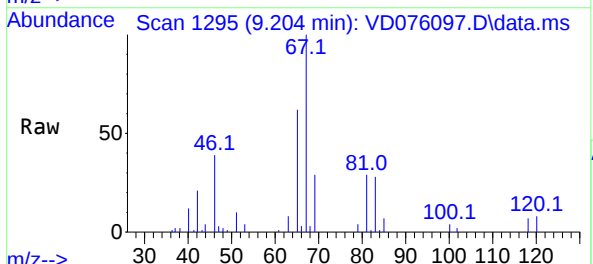
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

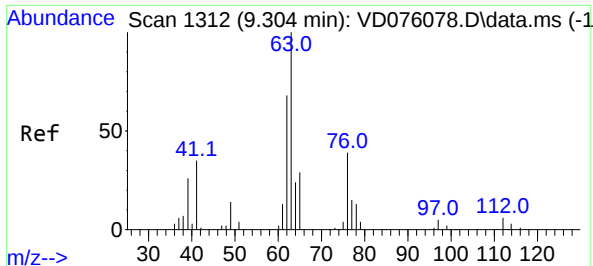


#35
Methylcyclohexane
Concen: 3.218 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

Tgt Ion: 83 Resp: 8443

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.0	40.8	61.2#

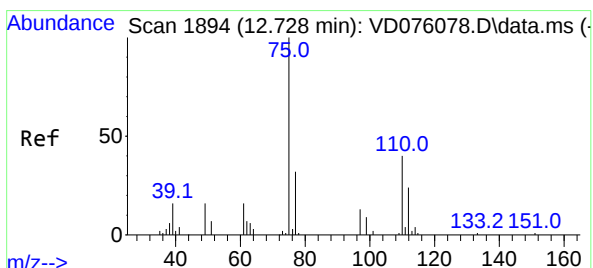
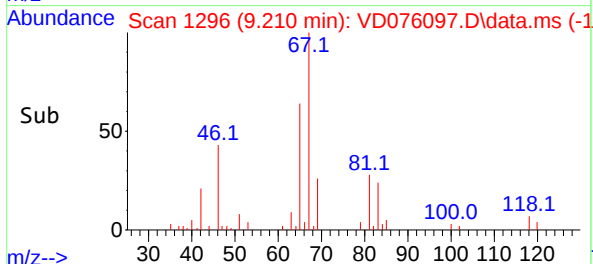
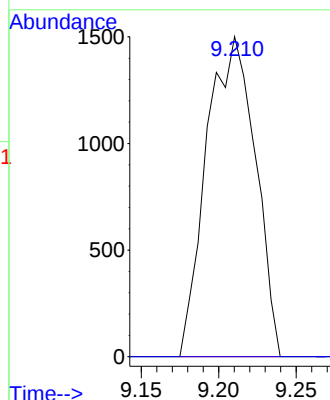
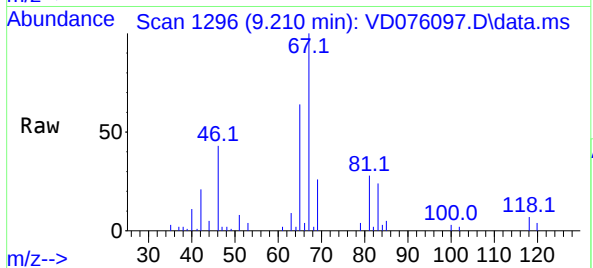




#37
1,2-Dichloropropane
Concen: 1.922 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

Instrument :
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ClientSampleId :
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Tgt Ion: 63 Resp: 3288
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 6.333 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD076097.D
Acq: 11 May 2023 23:32

Tgt Ion: 75 Resp: 4472
Ion Ratio Lower Upper
75 100
77 29.2 26.6 39.8
110 0.0 33.5 50.3#

