

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076082.D
 Acq On : 11 May 2023 16:00
 Operator : KP/SY
 Sample : 02591-29
 Misc : 4.74G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREE3

Quant Time: May 12 03:05:21 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)

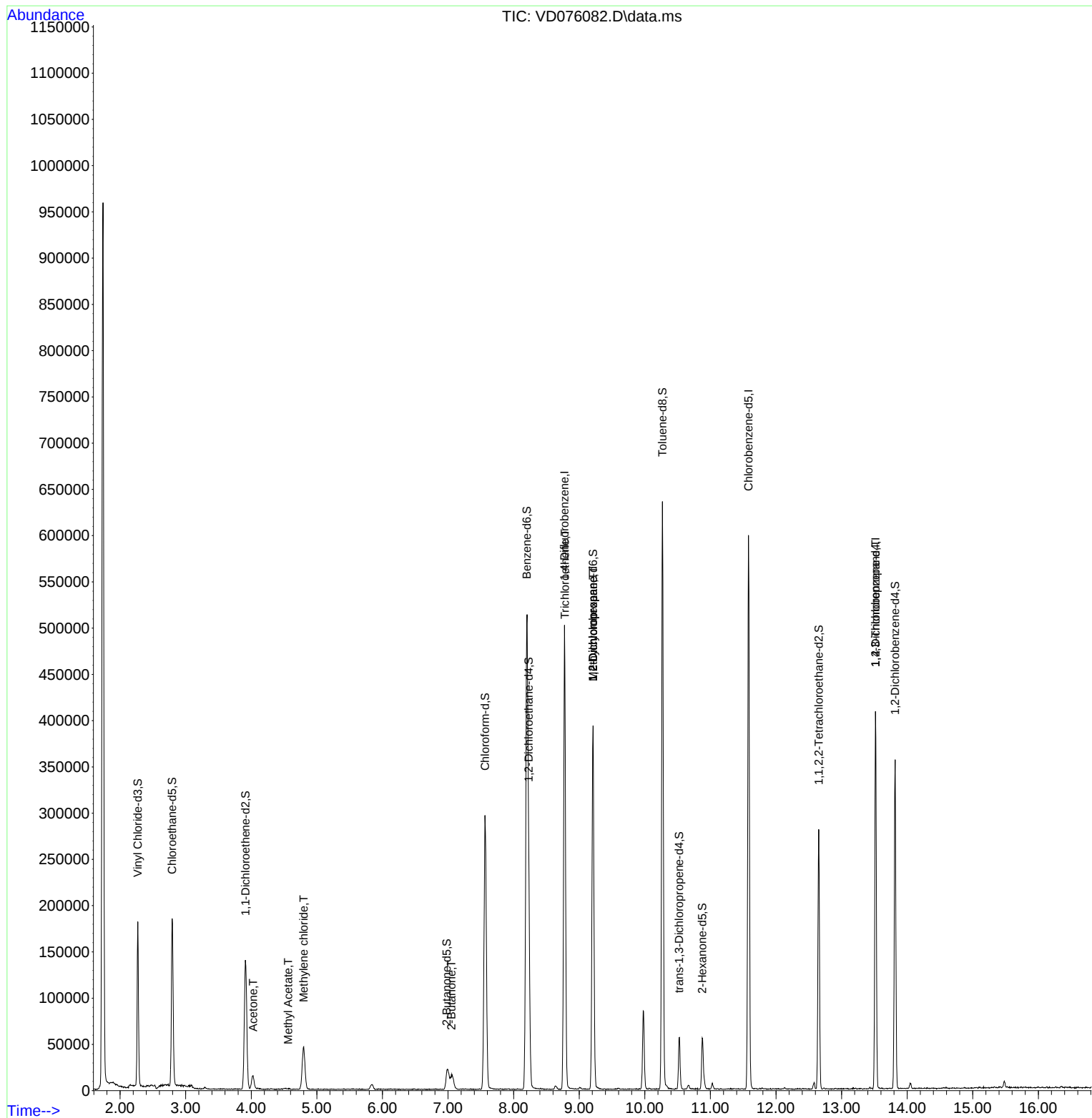
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	475529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	383370	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	121183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	161509	22.203	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	88.800%	
7) Chloroethane-d5	2.793	69	197723	29.606	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	118.440%	
11) 1,1-Dichloroethene-d2	3.911	65	40479	22.104	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	88.400%	
21) 2-Butanone-d5	6.981	46	35793	36.544	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	73.080%	
24) Chloroform-d	7.563	84	319828	32.103	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	128.400%	
26) 1,2-Dichloroethane-d4	8.228	65	149605	34.163	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	136.640%#	
32) Benzene-d6	8.199	84	586844	33.953	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	135.800%#	
36) 1,2-Dichloropropane-d6	9.210	67	208652	39.178	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	156.720%#	
41) Toluene-d8	10.269	98	458227	29.750	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	119.000%	
43) trans-1,3-Dichloroprop...	10.522	79	34423	17.219	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	68.880%	
47) 2-Hexanone-d5	10.875	63	19562	25.083	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	50.160%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	146541	31.952	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	127.800%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	104649	30.230	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	120.920%#	
Target Compounds					Qvalue	
13) Acetone	4.028	43	24053	27.566	ug/L	99
15) Methyl Acetate	4.564	43	712	0.379	ug/L #	62
16) Methylene chloride	4.799	84	39828	5.151	ug/L	98
22) 2-Butanone	7.052	43	9103	7.467	ug/L #	41
34) Trichloroethene	8.781	95	11992	2.180	ug/L #	2
35) Methylcyclohexane	9.210	83	49190	5.901	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	20813	3.829	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	13995	7.180	ug/L #	61

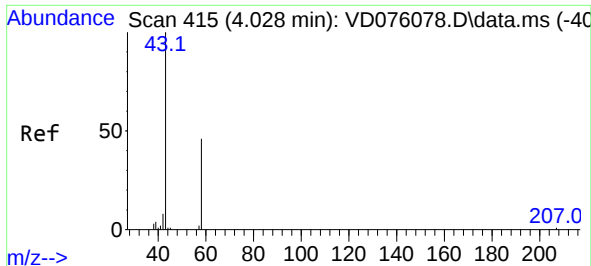
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

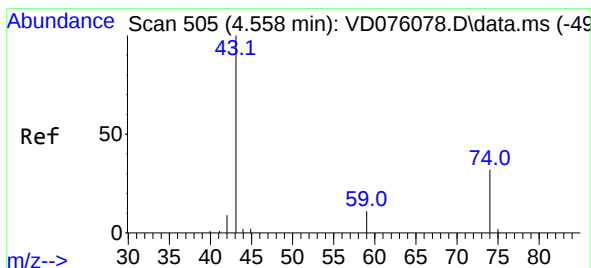
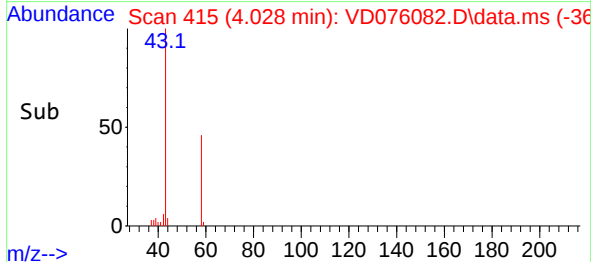
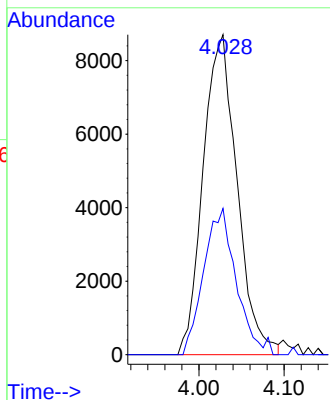
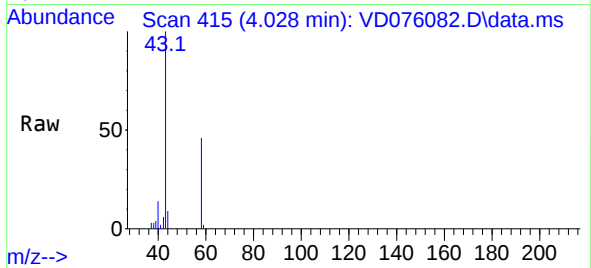




#13
Acetone
Concen: 27.566 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

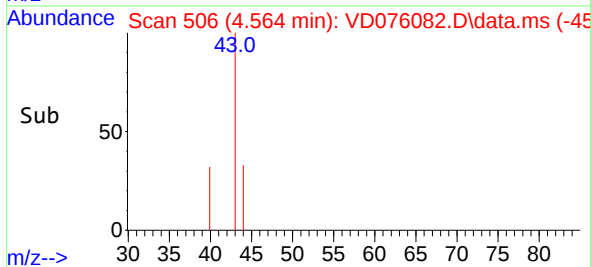
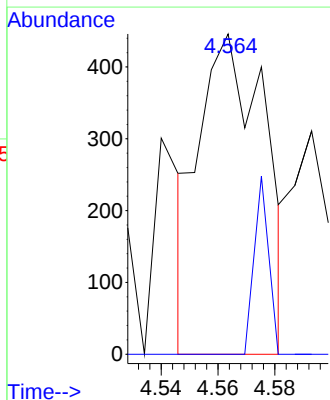
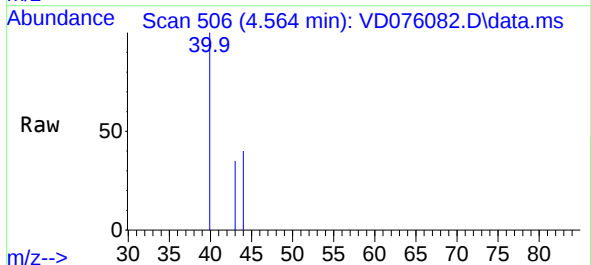
Instrument :
MSVOA_D
ClientSampleId :
JREE3

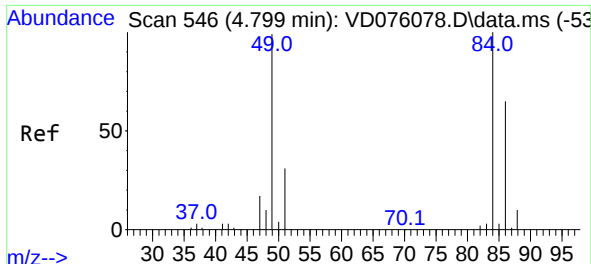
Tgt Ion: 43 Resp: 24053
Ion Ratio Lower Upper
43 100
58 43.2 0.0 87.4



#15
Methyl Acetate
Concen: 0.379 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
74 0.0 12.8 19.2#

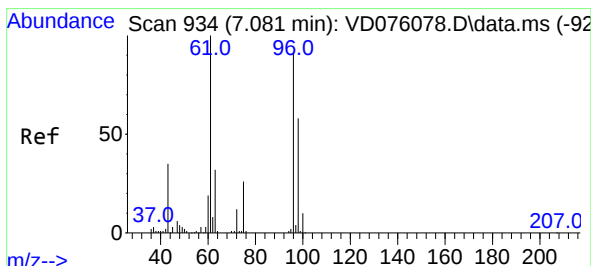
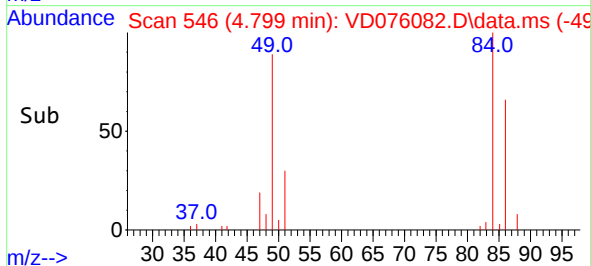
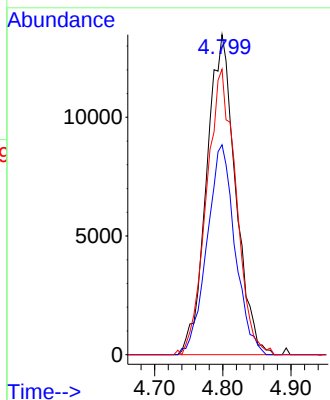
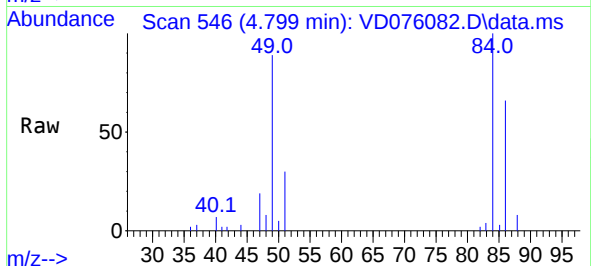




#16
Methylene chloride
Concen: 5.151 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

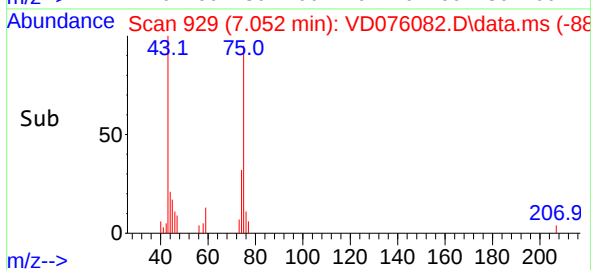
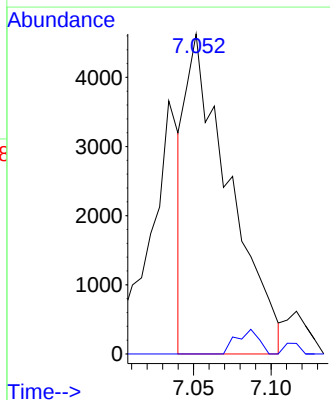
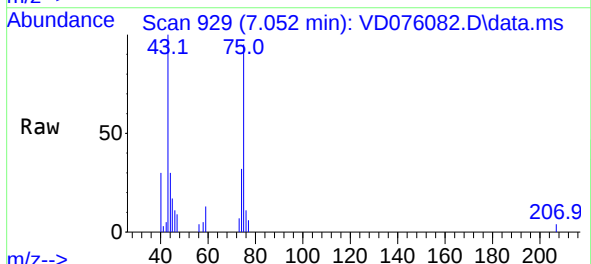
Instrument :
MSVOA_D
ClientSampleId :
JREE3

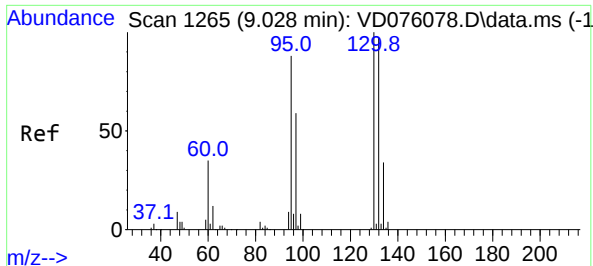
Tgt Ion: 84 Resp: 39828
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.2
49 89.2 60.8 112.8



#22
2-Butanone
Concen: 7.467 ug/L
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

Tgt Ion: 43 Resp: 9103
Ion Ratio Lower Upper
43 100
72 3.9 20.5 61.5#

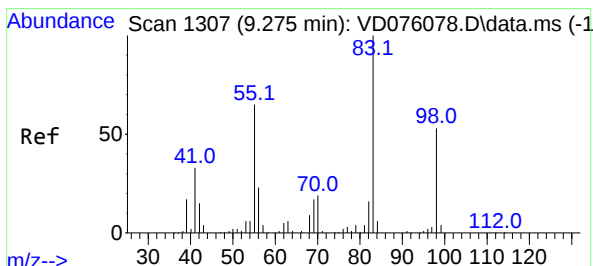
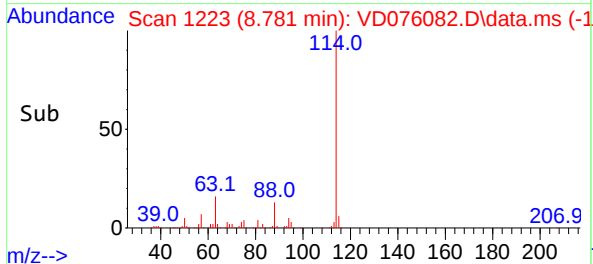
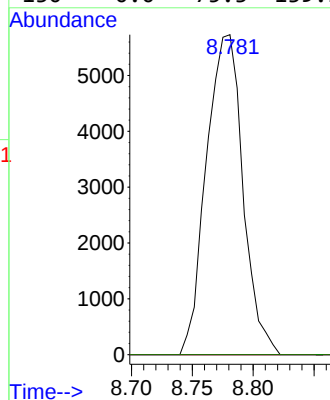
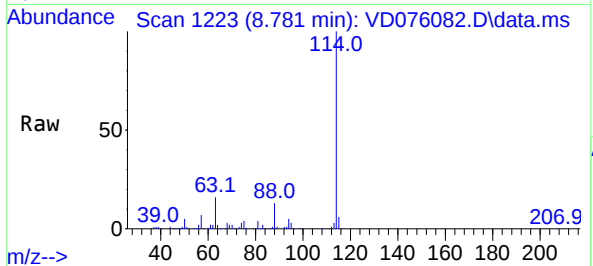




#34
Trichloroethene
Concen: 2.180 ug/L
RT: 8.781 min Scan# 11992
Delta R.T. -0.247 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

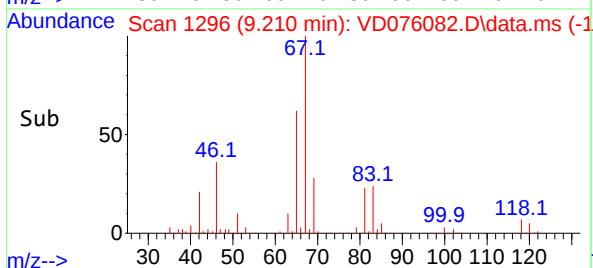
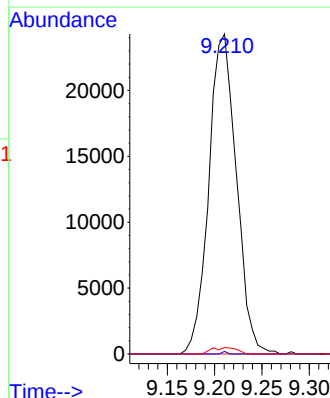
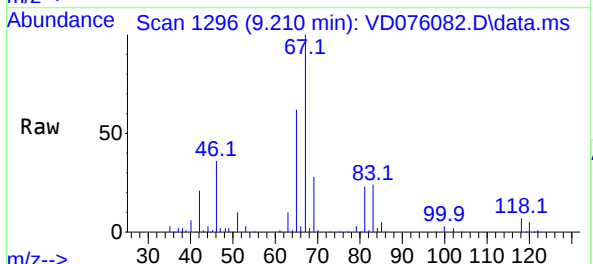
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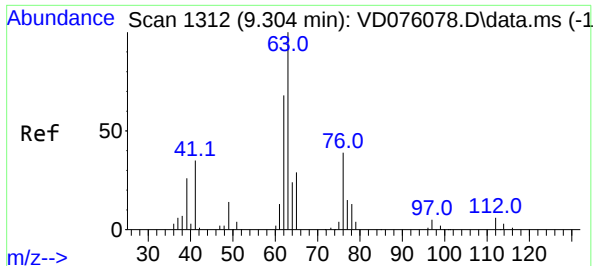
Tgt Ion:	95	Resp:	11992
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 5.901 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

Tgt Ion:	83	Resp:	49190
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.1	40.8	61.2#

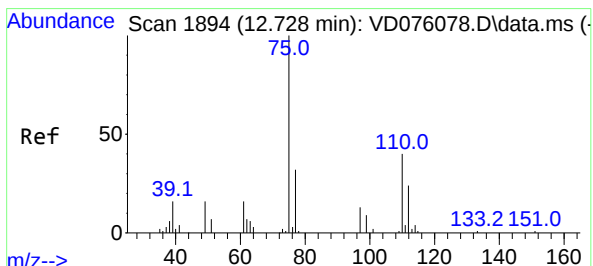
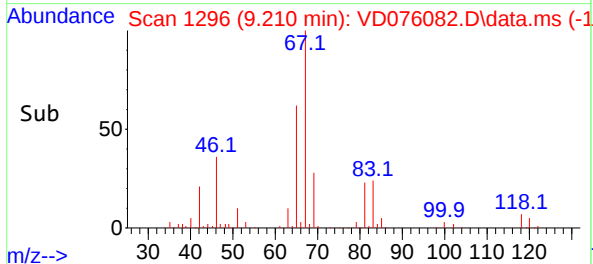
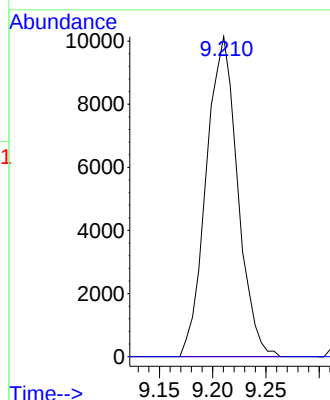
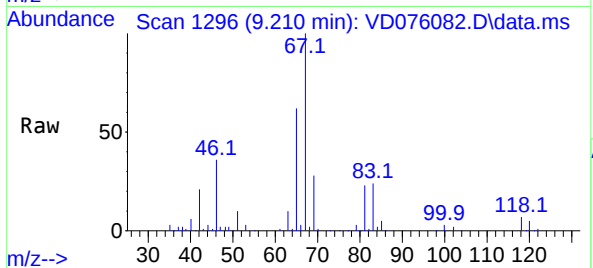




#37
1,2-Dichloropropane
Concen: 3.829 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :
JREE3

Tgt Ion: 63 Resp: 20813
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 7.180 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076082.D
Acq: 11 May 2023 16:00

Tgt Ion: 75 Resp: 13995
Ion Ratio Lower Upper
75 100
77 28.6 26.6 39.8
110 1.5 33.5 50.3#

