

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076612.D
 Acq On : 28 Jun 2023 13:07
 Operator : KP/SY
 Sample : 03422-02RE
 Misc : 5.39G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46J1RE

Quant Time: Jun 29 01:29:59 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)

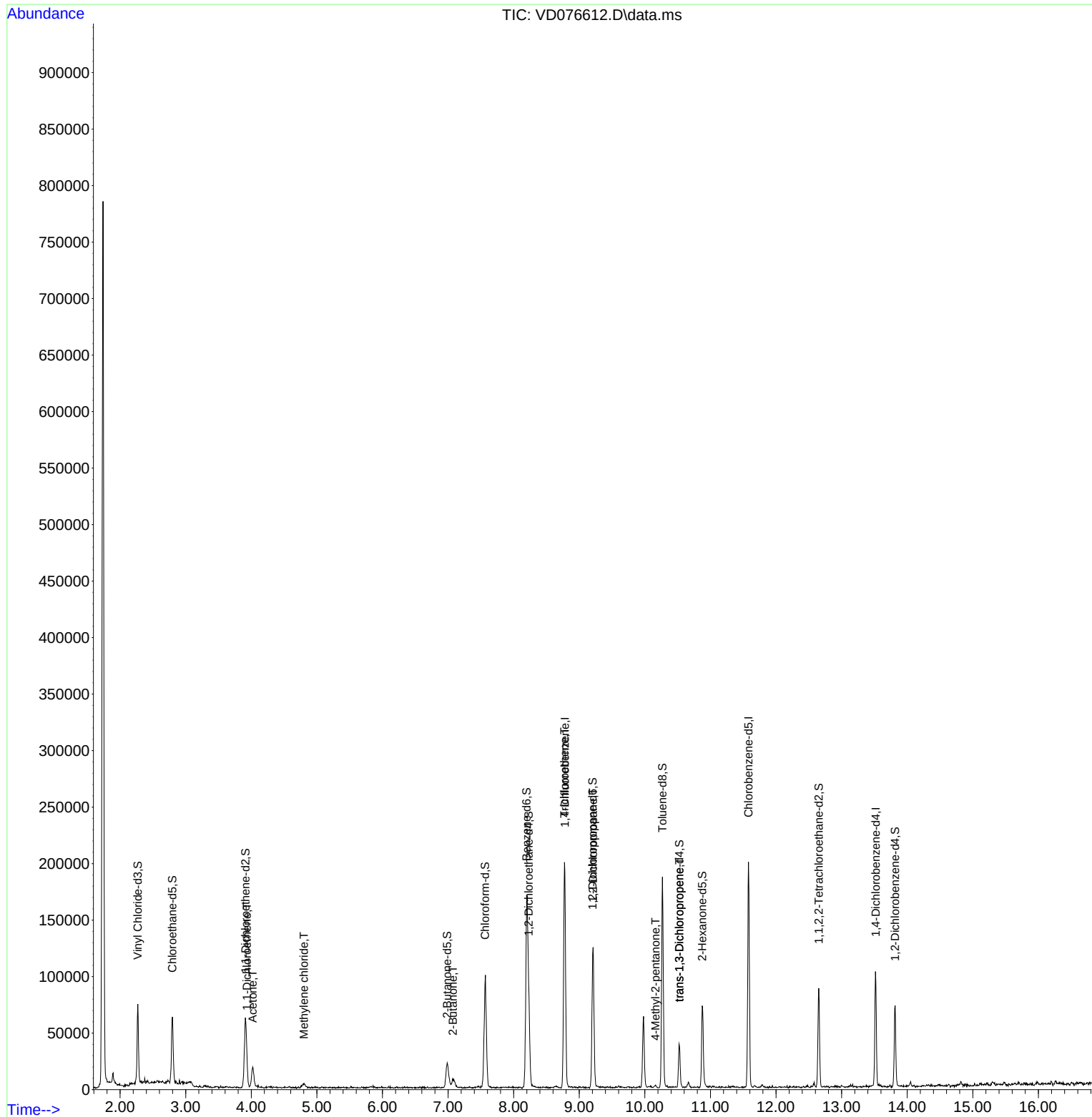
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	173277	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	110635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	25628	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	56925	13.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.960%
7) Chloroethane-d5	2.799	69	58840	17.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
11) 1,1-Dichloroethene-d2	3.911	65	17809	16.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.680%
21) 2-Butanone-d5	6.987	46	39019	61.055	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.120%
24) Chloroform-d	7.563	84	90781	19.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.560%
26) 1,2-Dichloroethane-d4	8.228	65	52857	23.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.880%
32) Benzene-d6	8.199	84	167142	24.697	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	9.204	67	61412	28.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.720%
41) Toluene-d8	10.269	98	123498	19.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.840%
43) trans-1,3-Dichloroprop...	10.528	79	21120	23.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	10.875	63	25723	76.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.420%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	44346	28.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	18400	19.588	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.934	96	614	0.273	ug/L #	1
13) Acetone	4.022	43	28844	55.880	ug/L	99
16) Methylene chloride	4.805	84	2391	0.794	ug/L #	66
22) 2-Butanone	7.075	43	4508	5.412	ug/L	97
34) Trichloroethene	8.775	95	5462	2.904	ug/L #	6
37) 1,2-Dichloropropane	9.210	63	6846	3.429	ug/L #	88
40) 4-Methyl-2-pentanone	10.163	43	1425	1.147	ug/L #	75
44) trans-1,3-Dichloropropene	10.528	75	1093	0.441	ug/L	95

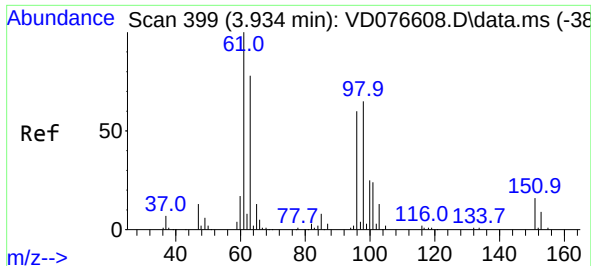
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

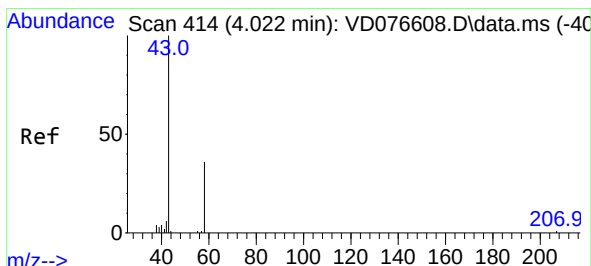
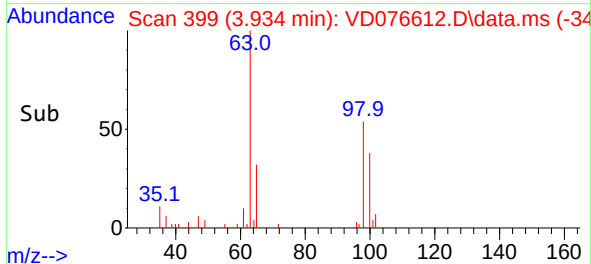
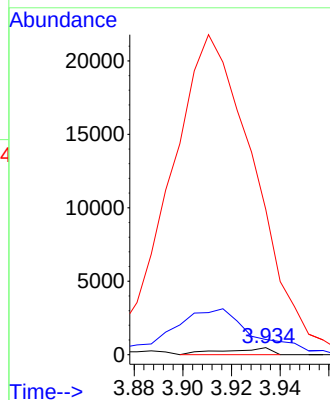
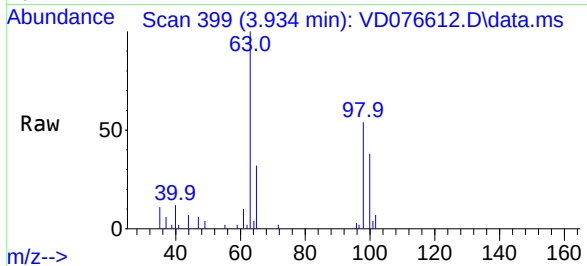




#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

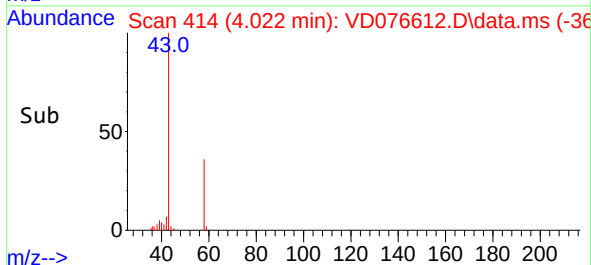
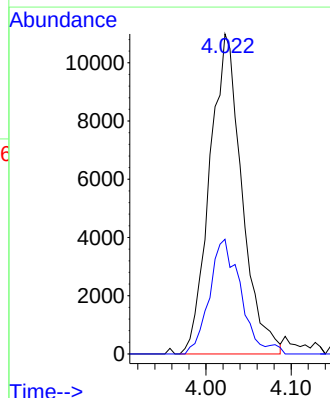
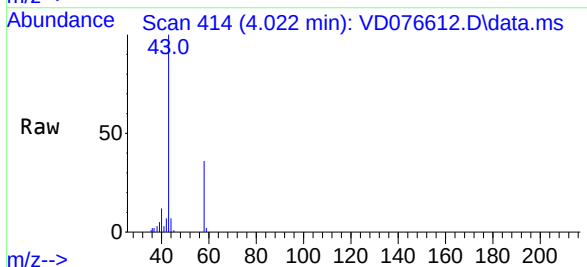
Instrument :
MSVOA_D
ClientSampleId :
A46J1RE

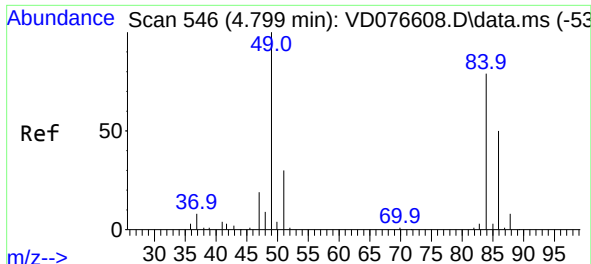
Tgt Ion: 96 Resp: 614
Ion Ratio Lower Upper
96 100
61 217.4 113.0 209.8#
63 2074.6 83.6 155.2#



#13
Acetone
Concen: 55.880 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

Tgt Ion: 43 Resp: 28844
Ion Ratio Lower Upper
43 100
58 34.0 0.0 67.4

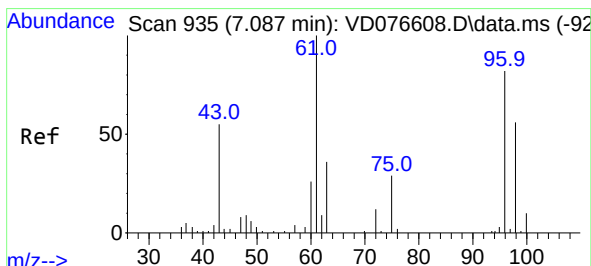
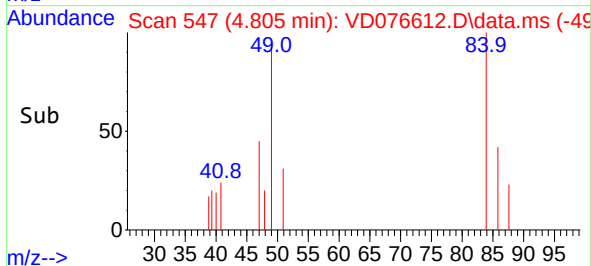
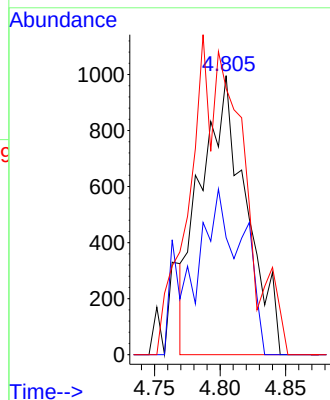
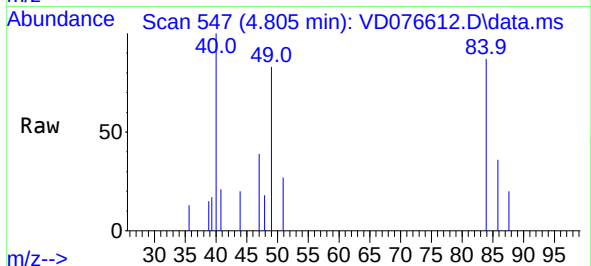




#16
Methylene chloride
Concen: 0.794 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.018 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

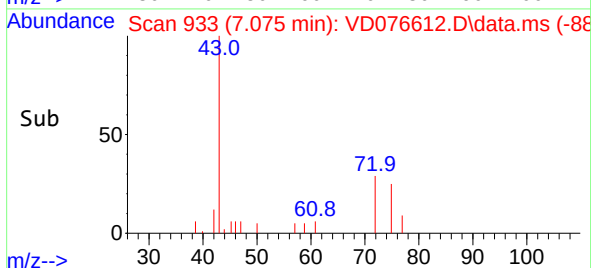
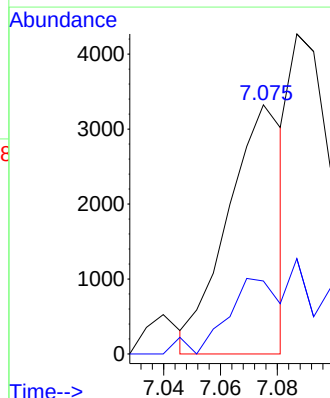
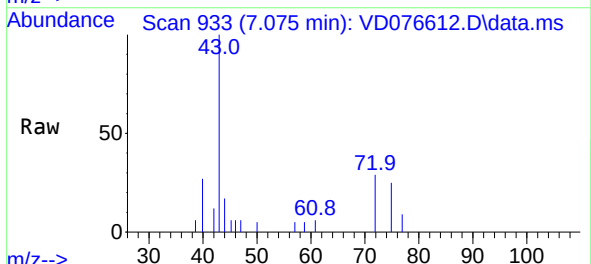
Instrument :
MSVOA_D
ClientSampleId :
A46J1RE

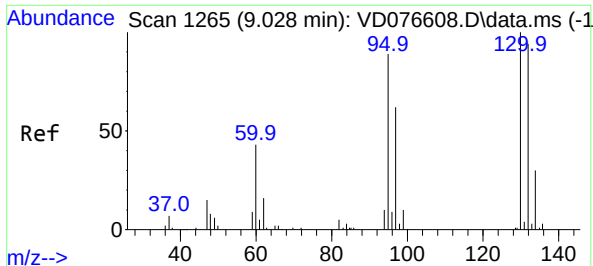
Tgt Ion: 84 Resp: 2391
Ion Ratio Lower Upper
84 100
86 42.0 45.1 83.9#
49 95.5 97.2 180.6#



#22
2-Butanone
Concen: 5.412 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

Tgt Ion: 43 Resp: 4508
Ion Ratio Lower Upper
43 100
72 27.3 12.9 38.7



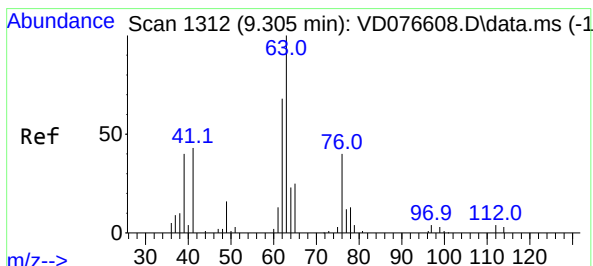
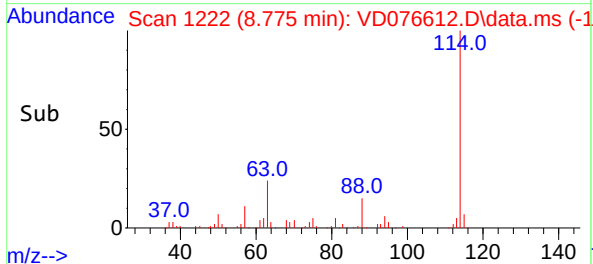
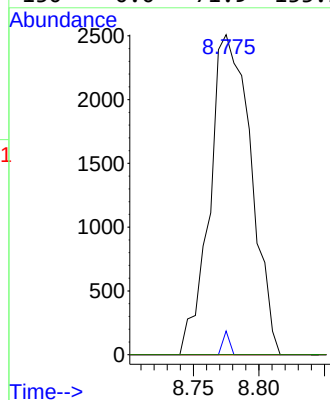
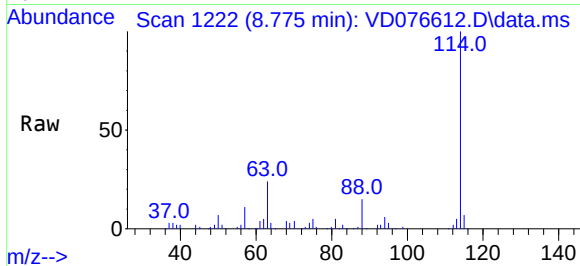


#34
Trichloroethene
Concen: 2.904 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
A46J1RE

Tgt Ion: 95 Resp: 5462

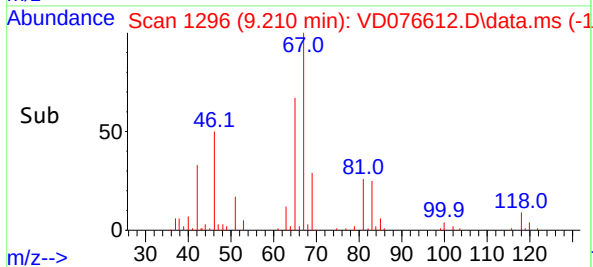
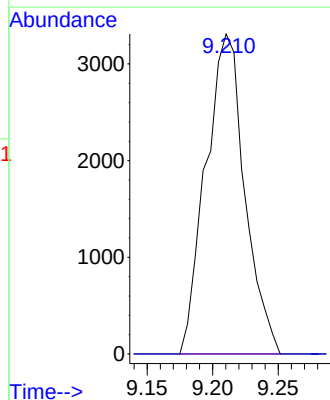
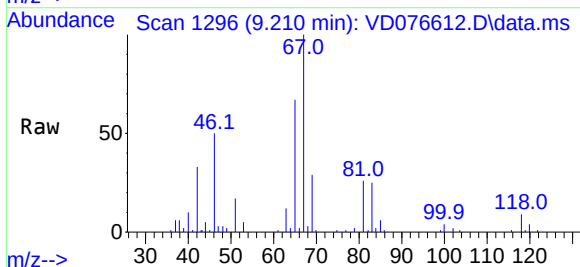
Ion	Ratio	Lower	Upper
95	100		
97	7.4	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

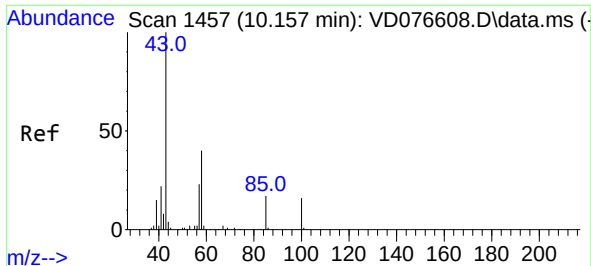


#37
1,2-Dichloropropane
Concen: 3.429 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

Tgt Ion: 63 Resp: 6846

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

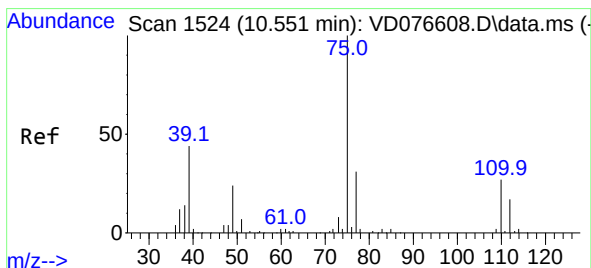
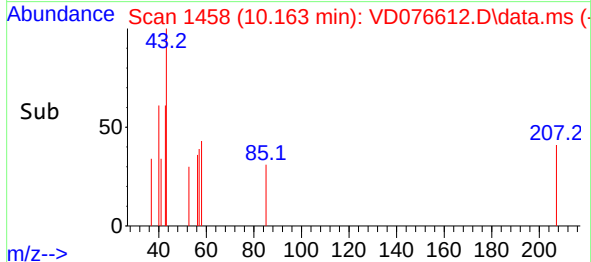
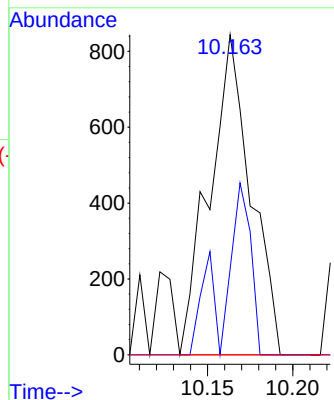
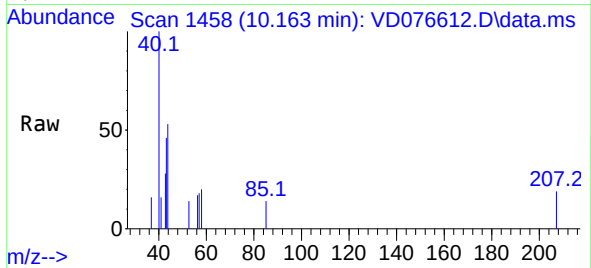




#40
4-Methyl-2-pentanone
Concen: 1.147 ug/L
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
A46J1RE

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 24.8 30.7 46.1#
100 0.0 11.0 16.4#



#44
trans-1,3-Dichloropropene
Concen: 0.441 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.024 min
Lab File: VD076612.D
Acq: 28 Jun 2023 13:07

Tgt Ion: 75 Resp: 1093
Ion Ratio Lower Upper
75 100
77 29.5 22.5 41.7

