

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076691.D
 Acq On : 03 Jul 2023 14:42
 Operator : KP/SY
 Sample : 03472-18RE
 Misc : 5.46G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q9RE

Quant Time: Jul 04 01:10:46 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)

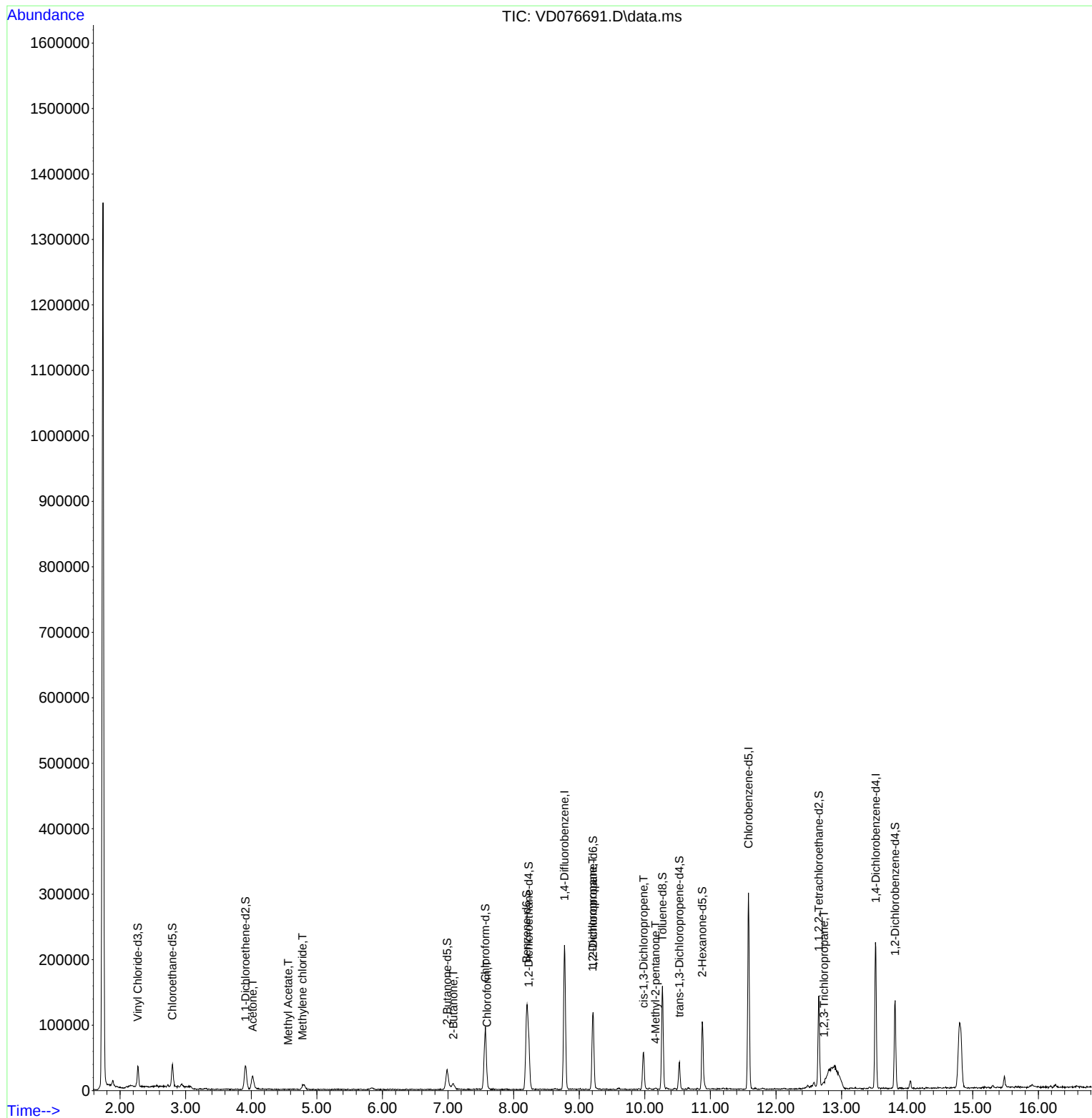
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	191350	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	161075	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	58180	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	26142	5.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	22.440%#
7) Chloroethane-d5	2.799	69	32070	8.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	34.040%
11) 1,1-Dichloroethene-d2	3.911	65	10817	8.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.560%#
21) 2-Butanone-d5	6.987	46	52255	74.043	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.080%#
24) Chloroform-d	7.569	84	87212	17.299	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.200%
26) 1,2-Dichloroethane-d4	8.228	65	53616	21.558	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.240%
32) Benzene-d6	8.199	84	128668	13.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	52.240%
36) 1,2-Dichloropropane-d6	9.210	67	56136	17.849	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.400%
41) Toluene-d8	10.269	98	103116	11.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	45.200%
43) trans-1,3-Dichloroprop...	10.528	79	20873	15.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.840%
47) 2-Hexanone-d5	10.875	63	33950	69.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.080%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62964	28.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	35345	16.574	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.280%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	36003	63.161	ug/L	97
15) Methyl Acetate	4.564	43	581	0.446	ug/L #	53
16) Methylene chloride	4.781	84	2279	0.685	ug/L #	59
22) 2-Butanone	7.081	43	8863	9.635	ug/L	79
25) Chloroform	7.593	83	2745	0.556	ug/L	96
37) 1,2-Dichloropropane	9.204	63	6855	2.359	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2143	0.483	ug/L	90
40) 4-Methyl-2-pentanone	10.163	43	1531	0.847	ug/L #	76
61) 1,2,3-Trichloropropane	12.734	75	1012	0.896	ug/L #	52

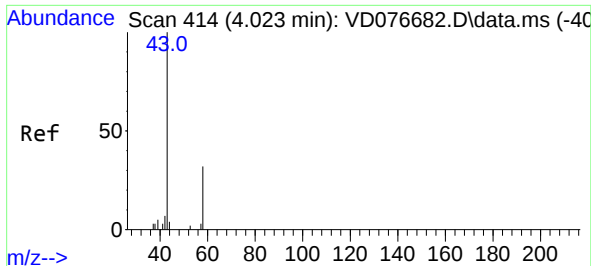
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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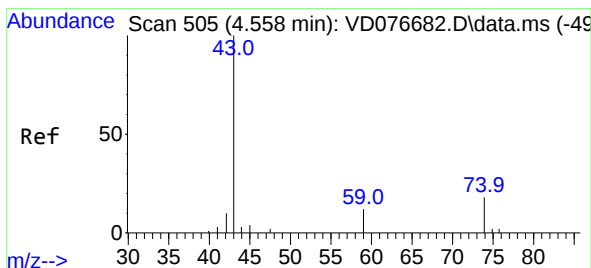
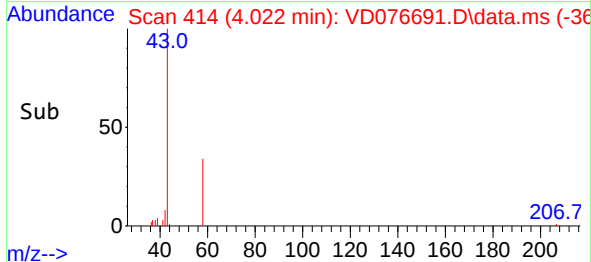
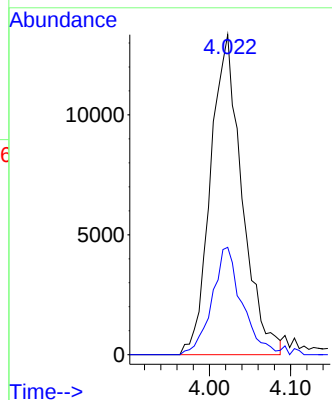
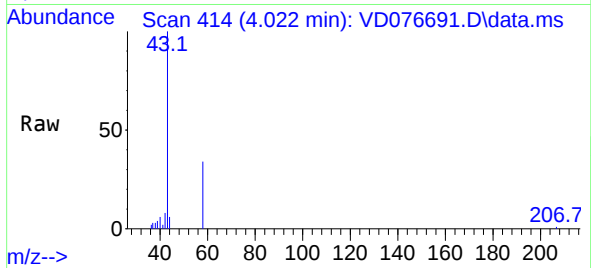




#13
Acetone
Concen: 63.161 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076691.D
Acq: 03 Jul 2023 14:42

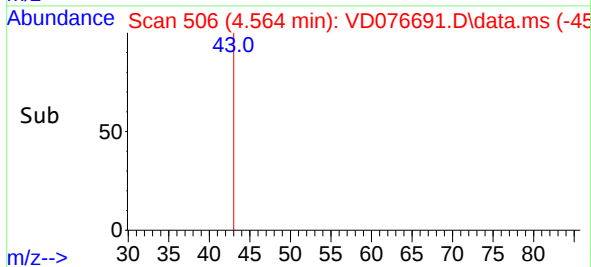
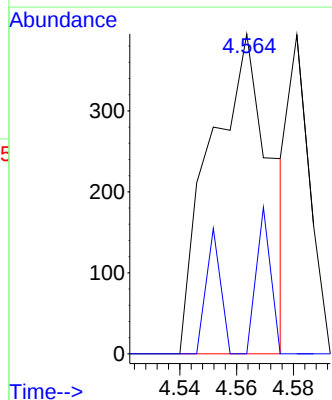
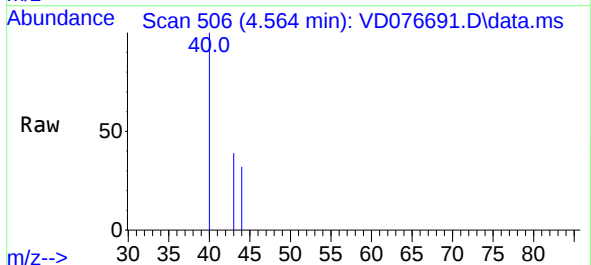
Instrument :
MSVOA_D
ClientSampleId :
A46Q9RE

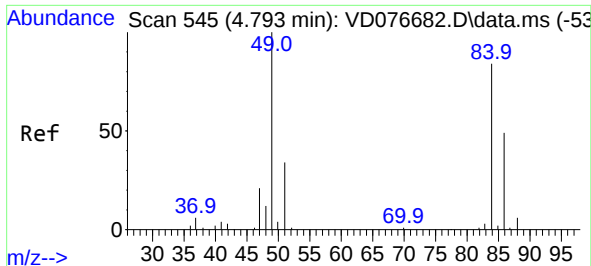
Tgt Ion: 43 Resp: 36003
Ion Ratio Lower Upper
43 100
58 31.8 0.0 67.4



#15
Methyl Acetate
Concen: 0.446 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076691.D
Acq: 03 Jul 2023 14:42

Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#

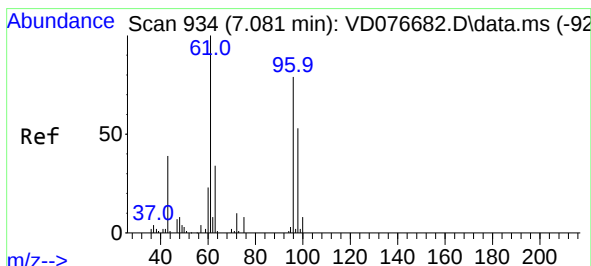
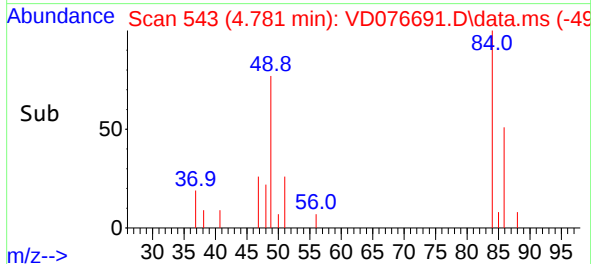
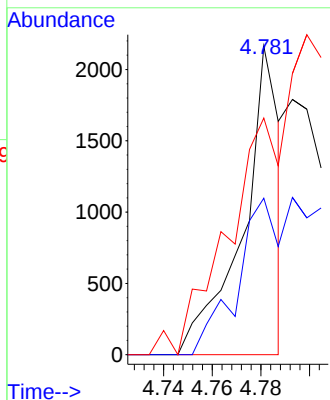
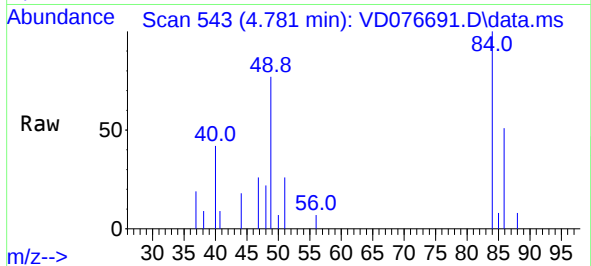




#16
Methylene chloride
Concen: 0.685 ug/L
RT: 4.781 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076691.D
Acq: 03 Jul 2023 14:42

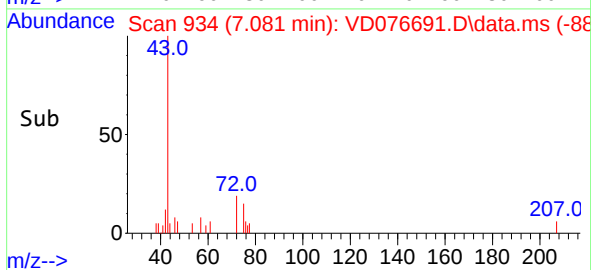
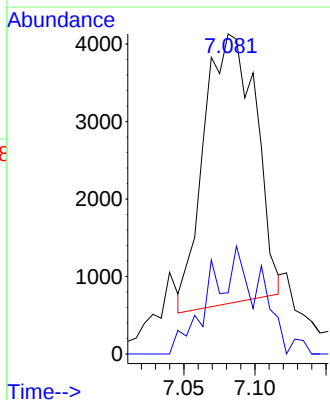
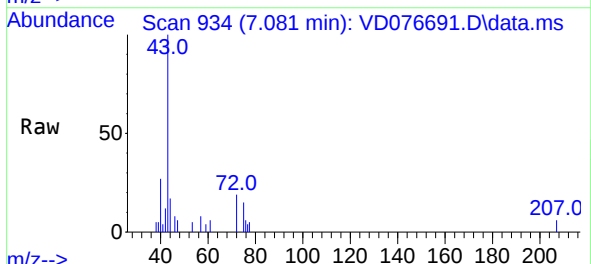
Instrument :
MSVOA_D
ClientSampleId :
A46Q9RE

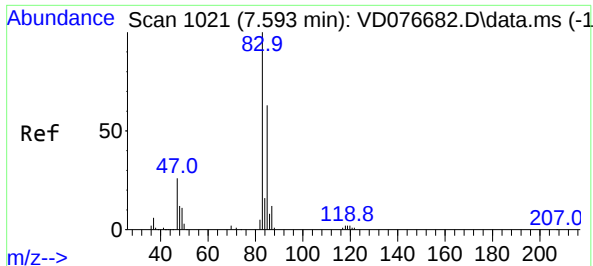
Tgt Ion: 84 Resp: 2279
Ion Ratio Lower Upper
84 100
86 50.7 45.1 83.9
49 76.7 97.2 180.6#



#22
2-Butanone
Concen: 9.635 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076691.D
Acq: 03 Jul 2023 14:42

Tgt Ion: 43 Resp: 8863
Ion Ratio Lower Upper
43 100
72 15.0 12.9 38.7

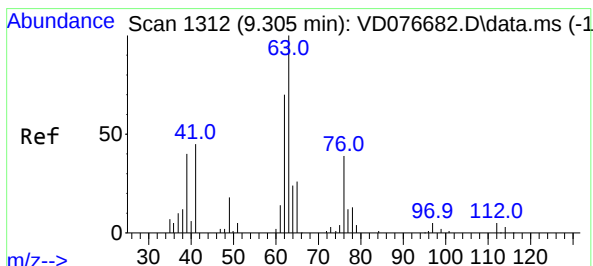
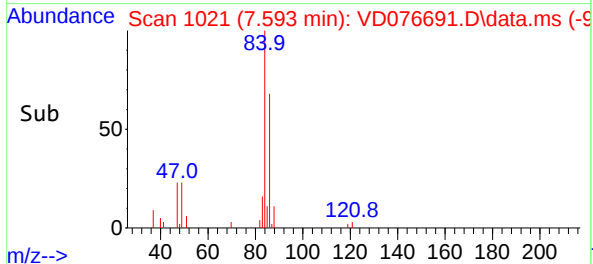
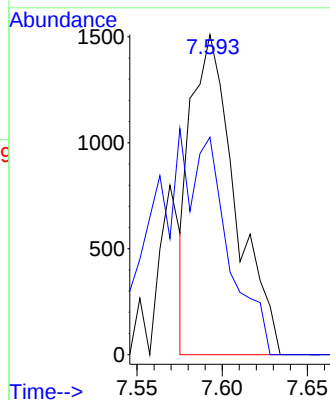
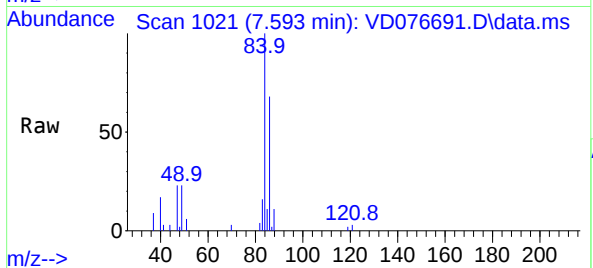




#25
Chloroform
Concen: 0.556 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076691.D
Acq: 03 Jul 2023 14:42

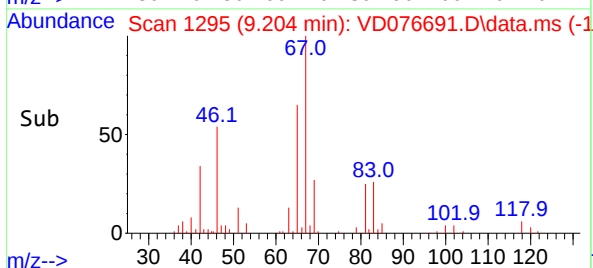
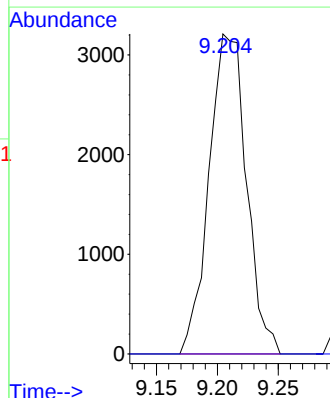
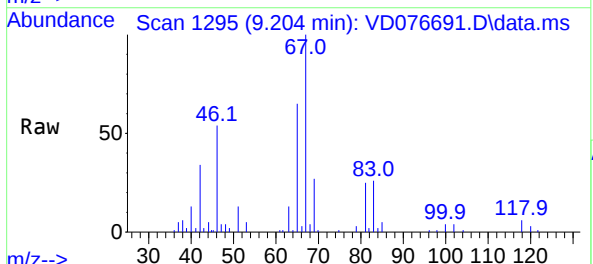
Instrument :
MSVOA_D
ClientSampleId :
A46Q9RE

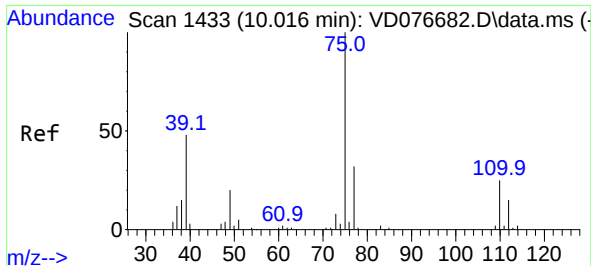
Tgt Ion: 83 Resp: 2745
Ion Ratio Lower Upper
83 100
85 67.9 45.4 84.4



#37
1,2-Dichloropropane
Concen: 2.359 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076691.D
Acq: 03 Jul 2023 14:42

Tgt Ion: 63 Resp: 6855
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD076691.D

Acq: 03 Jul 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

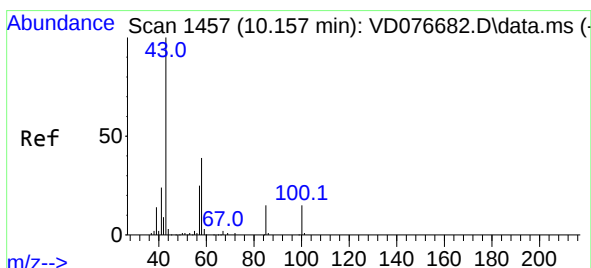
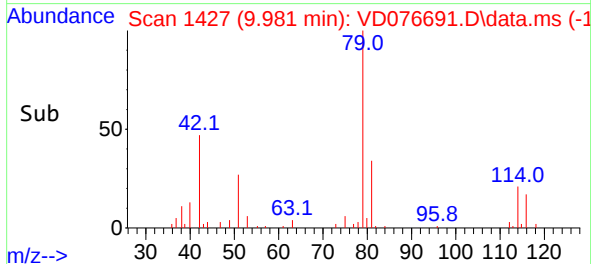
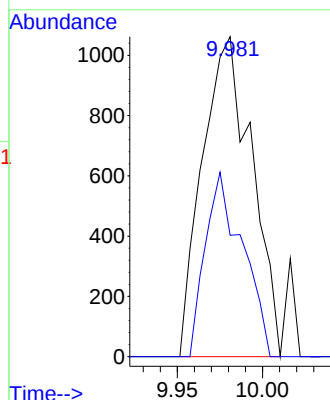
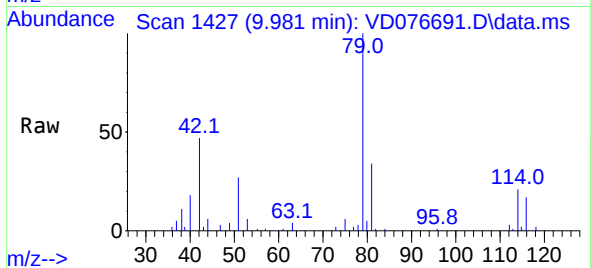
A46Q9RE

Tgt Ion: 75 Resp: 2143

Ion Ratio Lower Upper

75 100

77 37.9 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 0.847 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD076691.D

Acq: 03 Jul 2023 14:42

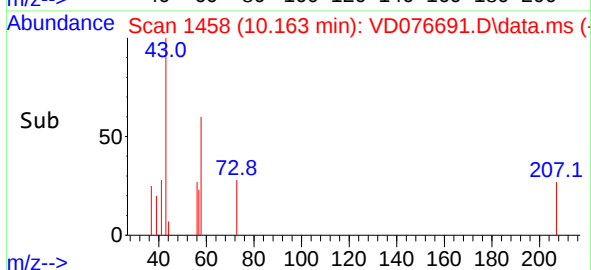
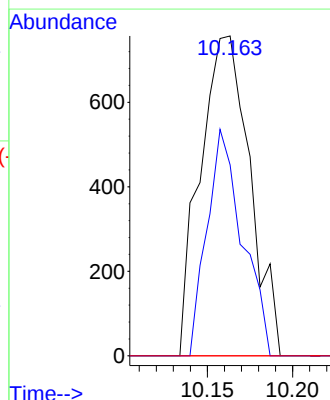
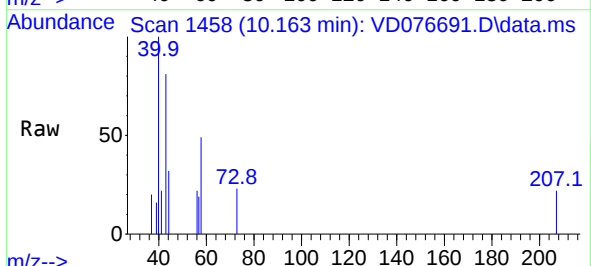
Tgt Ion: 43 Resp: 1531

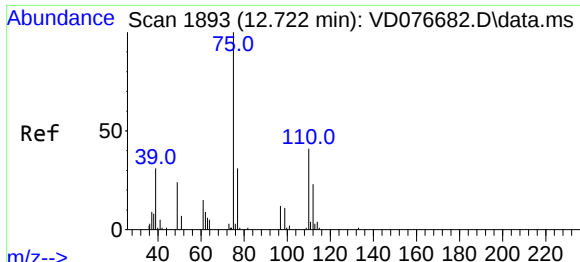
Ion Ratio Lower Upper

43 100

58 50.7 30.7 46.1#

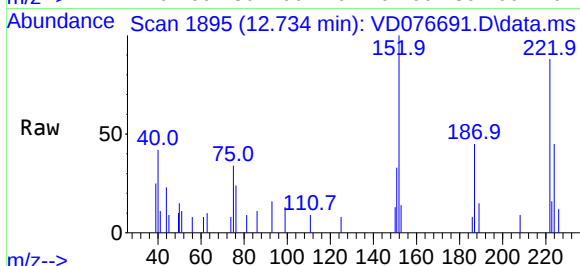
100 0.0 11.0 16.4#





#61
1,2,3-Trichloropropane
Concen: 0.896 ug/L
RT: 12.734 min Scan# 11
Delta R.T. 0.006 min
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Tgt Ion:	75	Resp:	1012
Ion	Ratio	Lower	Upper
75	100		
77	17.8	27.2	40.8#
110	0.0	31.8	47.6#

