

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076593.D
 Acq On : 27 Jun 2023 15:06
 Operator : KP/SY
 Sample : 03422-03
 Misc : 7.55G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46J2

Quant Time: Jun 28 05:05:26 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)

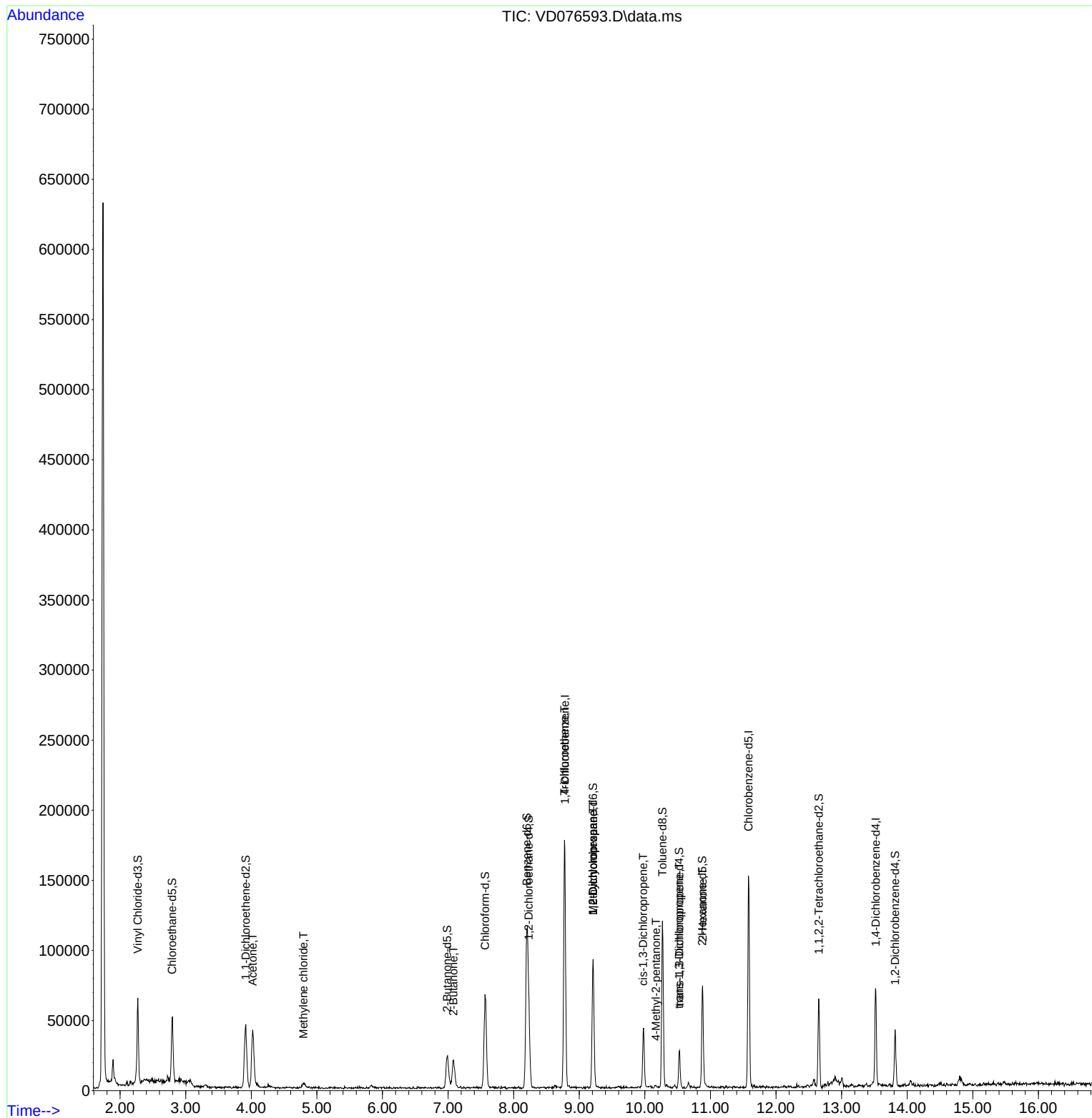
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	149900	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	84703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	18435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	46678	12.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.160%
7) Chloroethane-d5	2.793	69	43498	14.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.960%
11) 1,1-Dichloroethene-d2	3.916	65	12217	12.821	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.280%
21) 2-Butanone-d5	6.987	46	40187	72.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.380%#
24) Chloroform-d	7.563	84	66946	16.951	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.800%
26) 1,2-Dichloroethane-d4	8.228	65	40365	20.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.880%
32) Benzene-d6	8.199	84	119230	23.011	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	9.210	67	43285	26.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.680%
41) Toluene-d8	10.269	98	79581	16.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.360%
43) trans-1,3-Dichloroprop...	10.522	79	14255	20.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.880%
47) 2-Hexanone-d5	10.875	63	23803	92.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.420%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	31930	27.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	10110	14.962	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	59.840%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	69737	156.172	ug/L	93
16) Methylene chloride	4.793	84	1221	0.469	ug/L	79
22) 2-Butanone	7.081	43	33386	46.329	ug/L	96
34) Trichloroethene	8.775	95	4856	3.372	ug/L #	4
35) Methylcyclohexane	9.210	83	9763	4.204	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	5015	3.281	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	1238	0.530	ug/L	99
40) 4-Methyl-2-pentanone	10.169	43	714	0.751	ug/L #	79
44) trans-1,3-Dichloropropene	10.528	75	800	0.422	ug/L	95
48) 2-Hexanone	10.881	43	3350	5.145	ug/L #	57

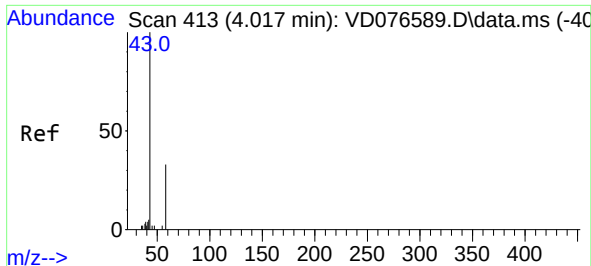
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

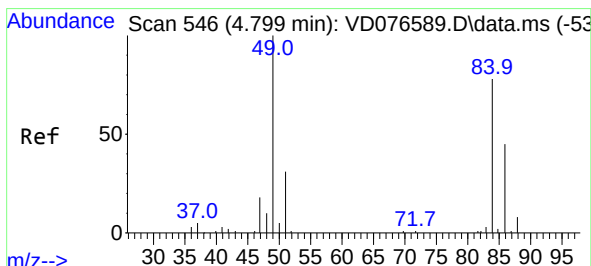
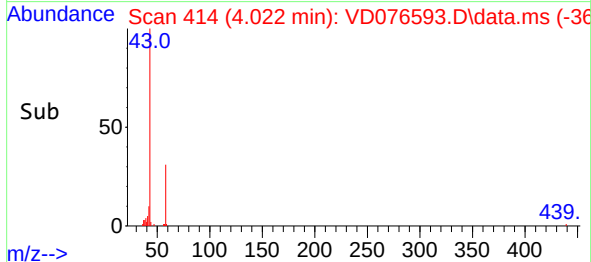
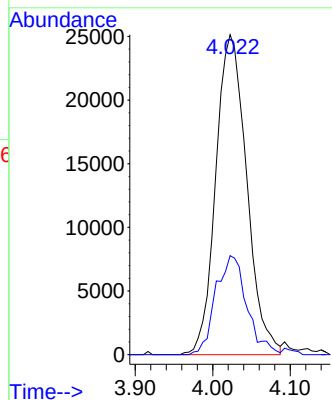
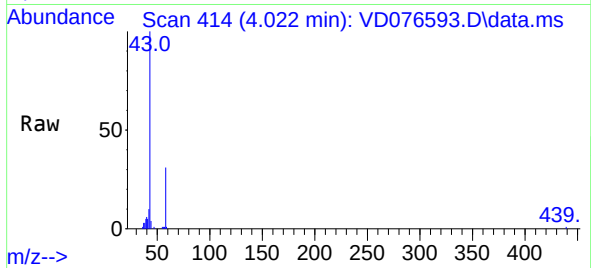




#13
Acetone
Concen: 156.172 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

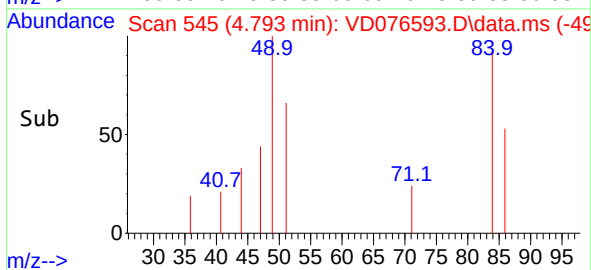
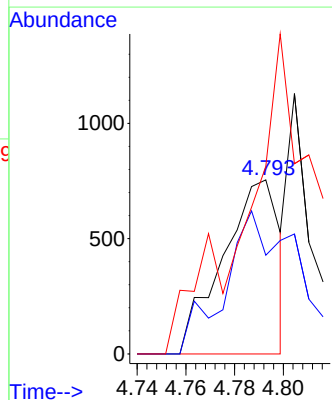
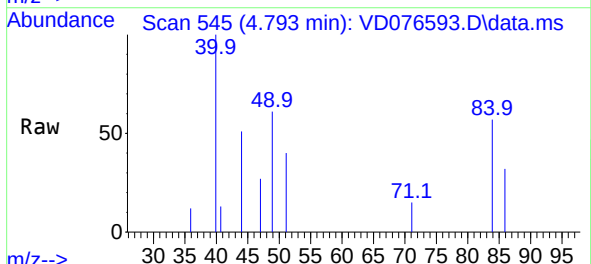
Instrument :
MSVOA_D
ClientSampleId :
A46J2

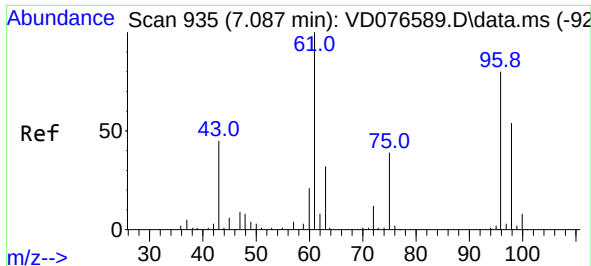
Tgt Ion: 43 Resp: 69737
Ion Ratio Lower Upper
43 100
58 29.5 0.0 67.4



#16
Methylene chloride
Concen: 0.469 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

Tgt Ion: 84 Resp: 1221
Ion Ratio Lower Upper
84 100
86 56.7 45.1 83.9
49 107.7 97.2 180.6

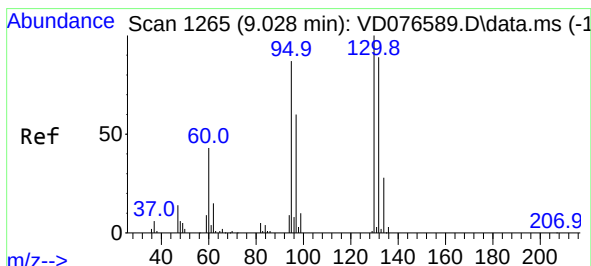
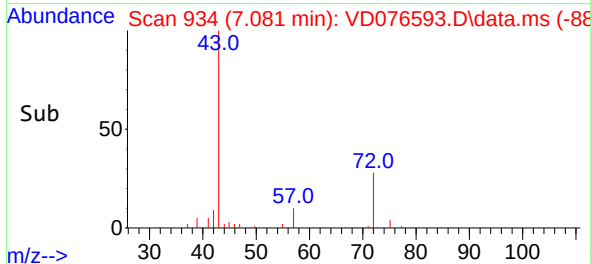
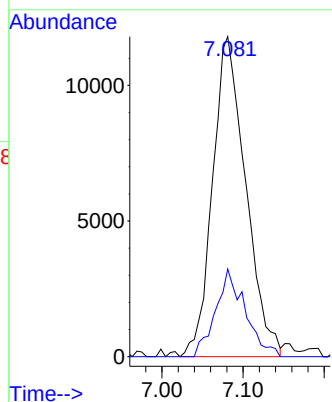
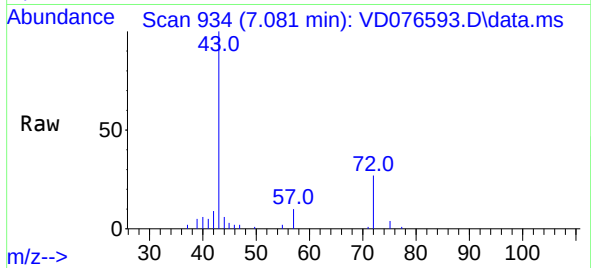




#22
2-Butanone
Concen: 46.329 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

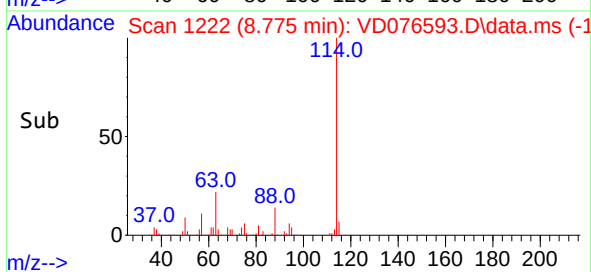
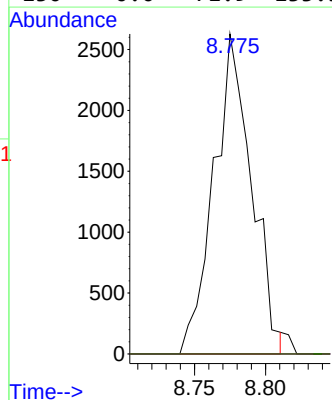
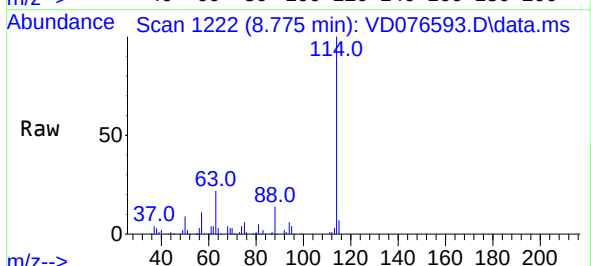
Instrument :
MSVOA_D
ClientSampleId :
A46J2

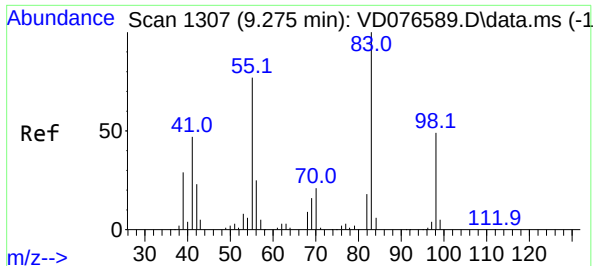
Tgt Ion: 43 Resp: 33386
Ion Ratio Lower Upper
43 100
72 23.7 12.9 38.7



#34
Trichloroethene
Concen: 3.372 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

Tgt Ion: 95 Resp: 4856
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

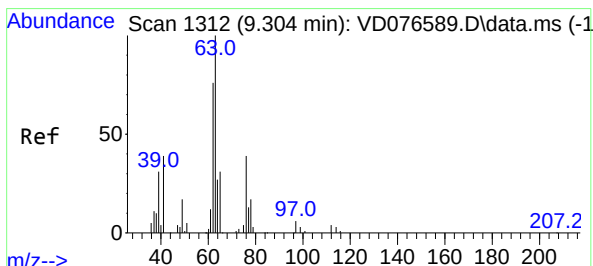
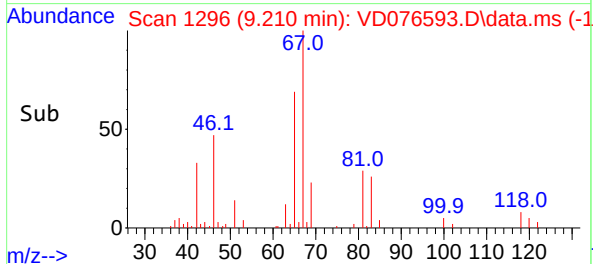
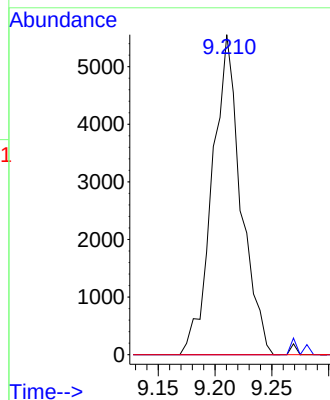
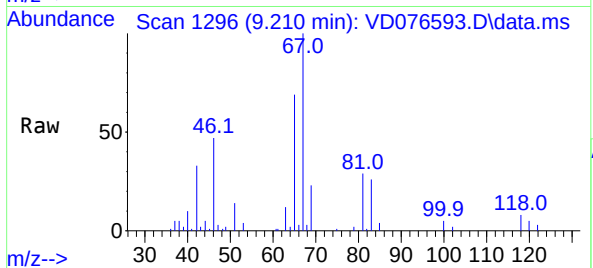




#35
Methylcyclohexane
Concen: 4.204 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

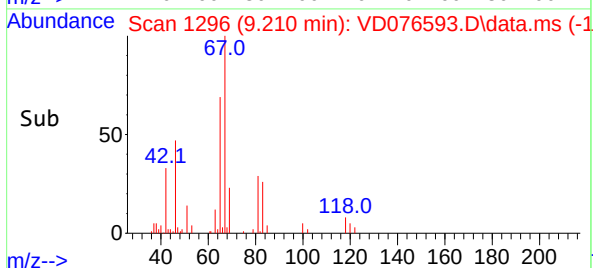
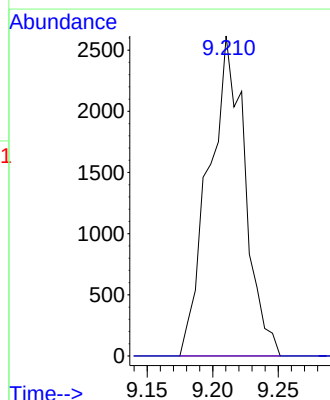
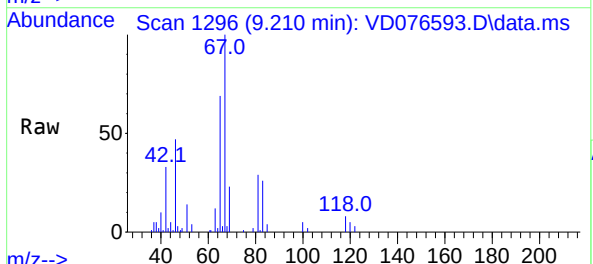
Instrument :
MSVOA_D
ClientSampleId :
A46J2

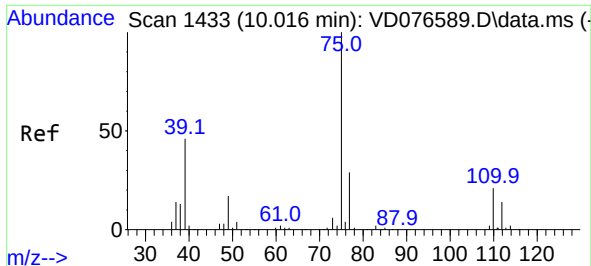
Tgt Ion:	83	Resp:	9763
Ion	Ratio	Lower	Upper
83	100		
55	1.0	59.8	89.6#
98	0.0	37.8	56.6#



#37
1,2-Dichloropropane
Concen: 3.281 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

Tgt Ion:	63	Resp:	5015
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.530 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD076593.D

Acq: 27 Jun 2023 15:06

Instrument :

MSVOA_D

ClientSampleId :

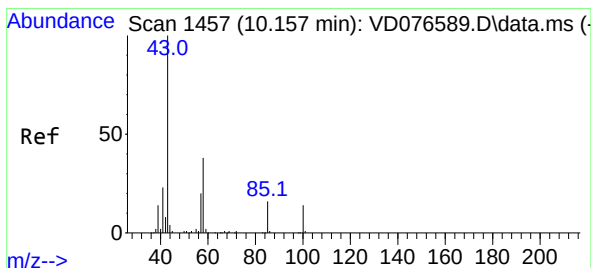
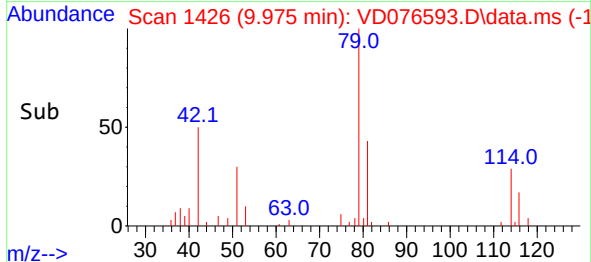
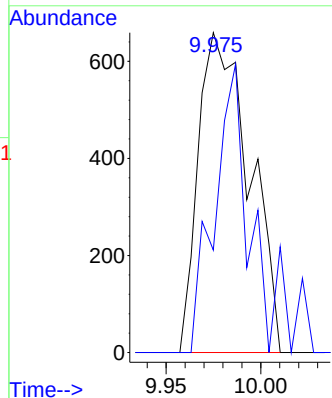
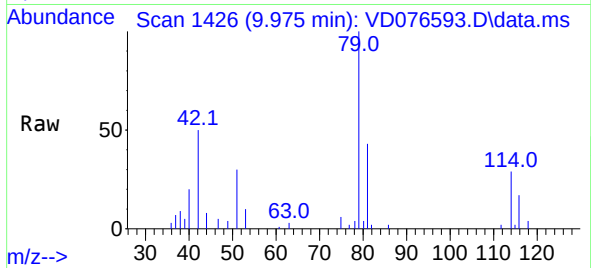
A46J2

Tgt Ion: 75 Resp: 1238

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 0.751 ug/L

RT: 10.169 min Scan# 1459

Delta R.T. 0.012 min

Lab File: VD076593.D

Acq: 27 Jun 2023 15:06

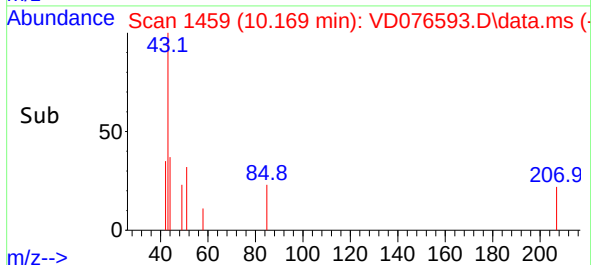
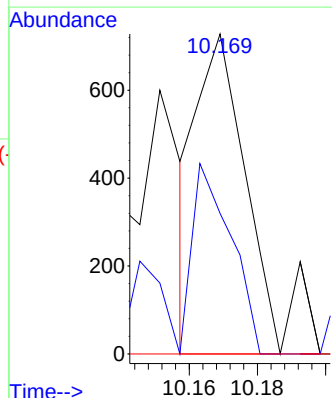
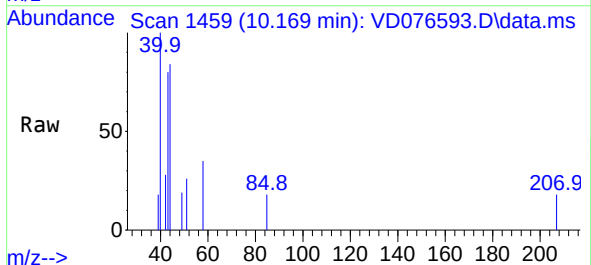
Tgt Ion: 43 Resp: 714

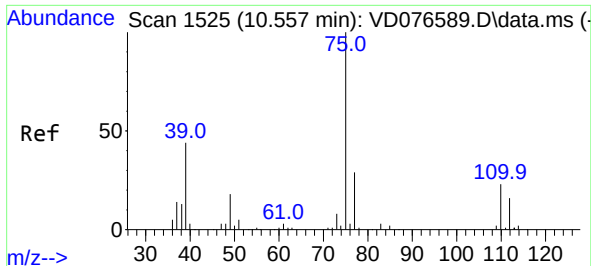
Ion Ratio Lower Upper

43 100

58 48.3 30.7 46.1#

100 0.0 11.0 16.4#

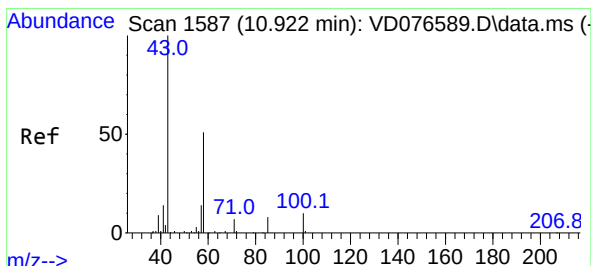
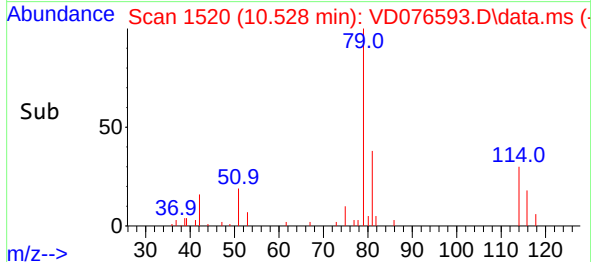
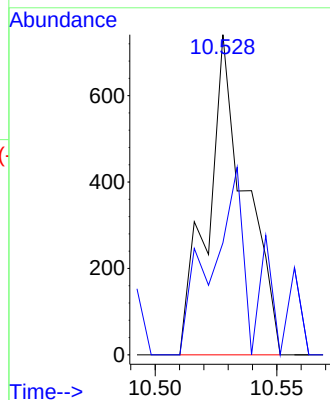
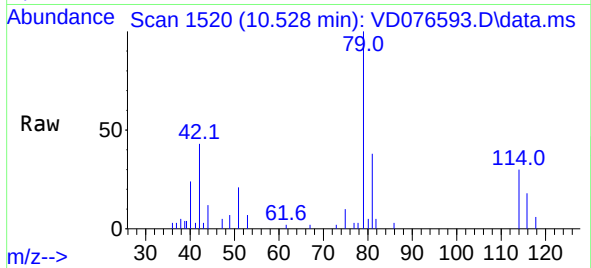




#44
trans-1,3-Dichloropropene
Concen: 0.422 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

Instrument :
MSVOA_D
ClientSampleId :
A46J2

Tgt Ion: 75 Resp: 800
Ion Ratio Lower Upper
75 100
77 35.0 22.5 41.7



#48
2-Hexanone
Concen: 5.145 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD076593.D
Acq: 27 Jun 2023 15:06

Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 19.2 42.9 64.3#
57 33.0 13.7 20.5#
100 0.0 9.4 14.0#

