

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076662.D
 Acq On : 30 Jun 2023 15:00
 Operator : KP/SY
 Sample : 03472-18
 Misc : 4.10G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q9

Quant Time: Jul 03 01:30:46 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)

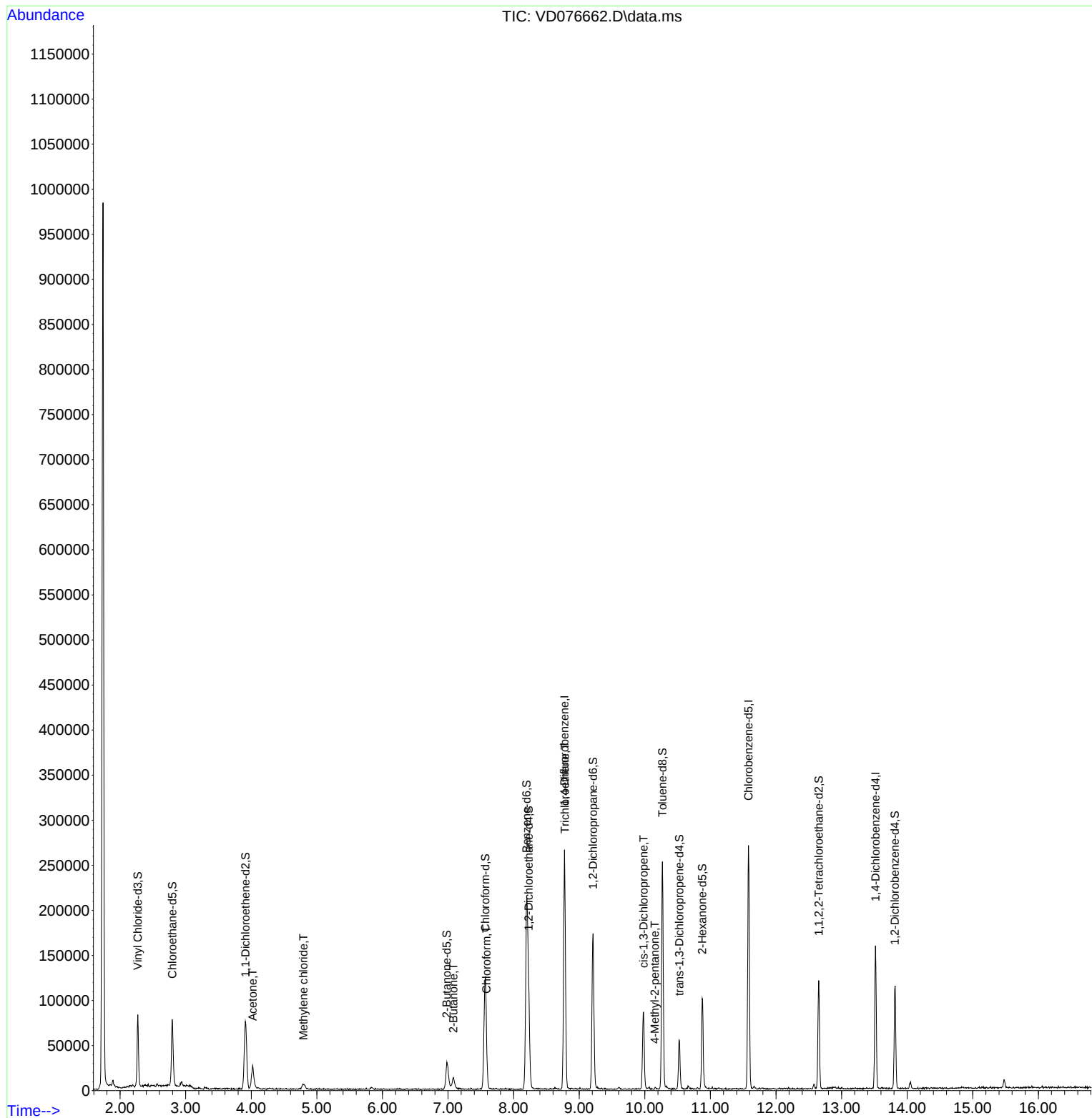
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	222397	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	154486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	38969	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	67024	12.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.520%
7) Chloroethane-d5	2.799	69	71944	16.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
11) 1,1-Dichloroethene-d2	3.911	65	21277	15.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.200%
21) 2-Butanone-d5	6.981	46	51747	63.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.180%
24) Chloroform-d	7.569	84	127253	21.718	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	8.228	65	68100	23.560	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.240%
32) Benzene-d6	8.199	84	220045	23.285	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.120%
36) 1,2-Dichloropropane-d6	9.210	67	82416	27.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.280%
41) Toluene-d8	10.269	98	169754	19.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	10.528	79	29681	23.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.640%
47) 2-Hexanone-d5	10.875	63	34502	73.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.360%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	58969	27.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.920%
66) 1,2-Dichlorobenzene-d4	13.810	152	30178	21.127	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.520%
Target Compounds					Qvalue	
13) Acetone	4.022	43	41012	61.905	ug/L	96
16) Methylene chloride	4.793	84	4085	1.057	ug/L #	71
22) 2-Butanone	7.081	43	19230	17.986	ug/L	82
25) Chloroform	7.587	83	3146	0.548	ug/L	83
34) Trichloroethene	8.781	95	6806	2.591	ug/L #	4
39) cis-1,3-Dichloropropene	9.981	75	2378	0.559	ug/L #	80
40) 4-Methyl-2-pentanone	10.152	43	1347	0.777	ug/L #	82

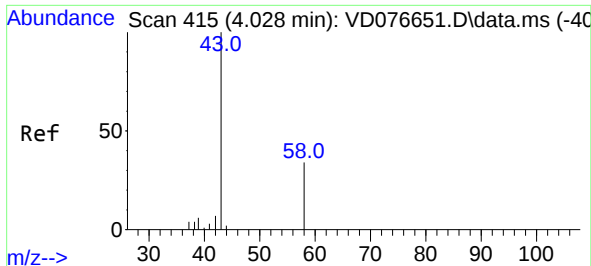
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#13

Acetone

Concen: 61.905 ug/L

RT: 4.022 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD076662.D

Acq: 30 Jun 2023 15:00

Instrument :

MSVOA_D

ClientSampleId :

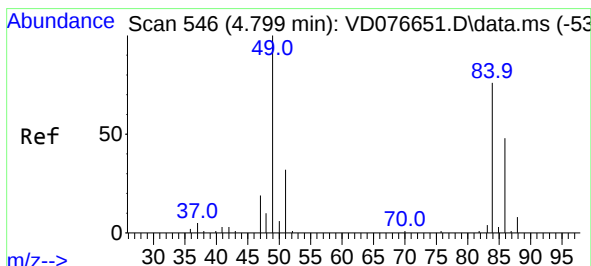
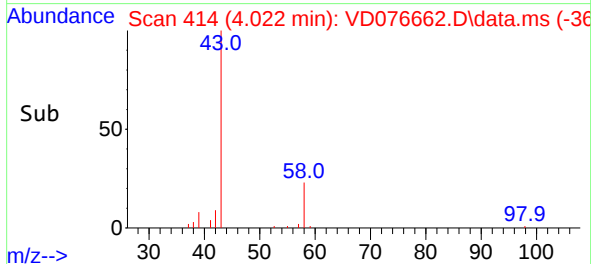
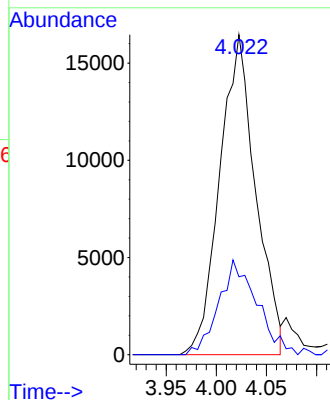
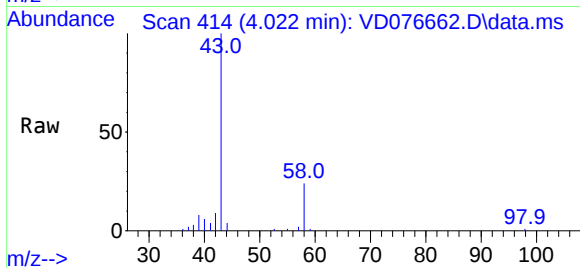
A46Q9

Tgt Ion: 43 Resp: 41012

Ion Ratio Lower Upper

43 100

58 31.3 0.0 67.4



#16

Methylene chloride

Concen: 1.057 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD076662.D

Acq: 30 Jun 2023 15:00

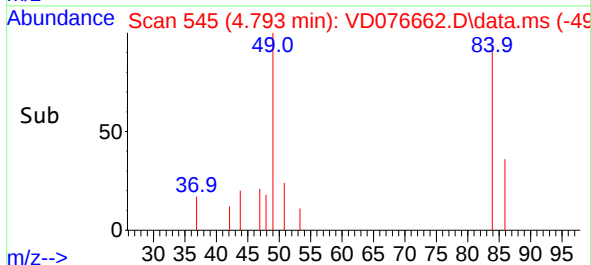
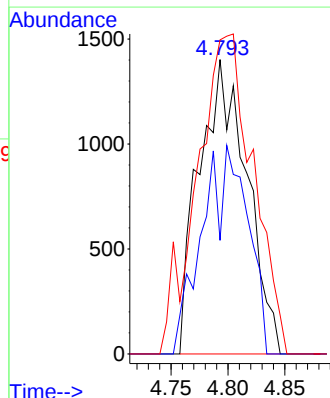
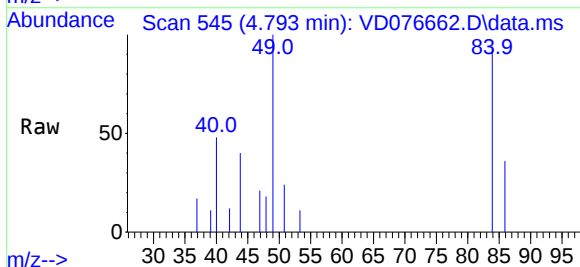
Tgt Ion: 84 Resp: 4085

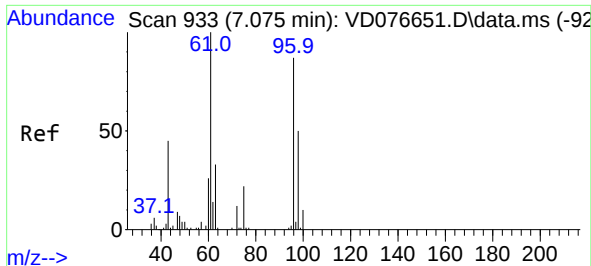
Ion Ratio Lower Upper

84 100

86 38.6 45.1 83.9#

49 106.7 97.2 180.6

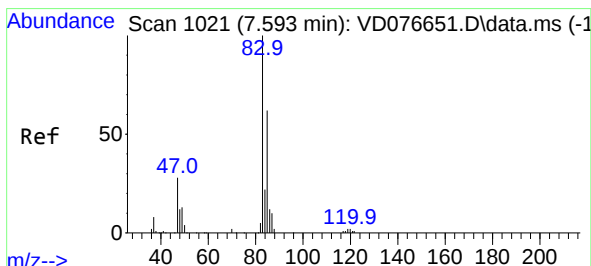
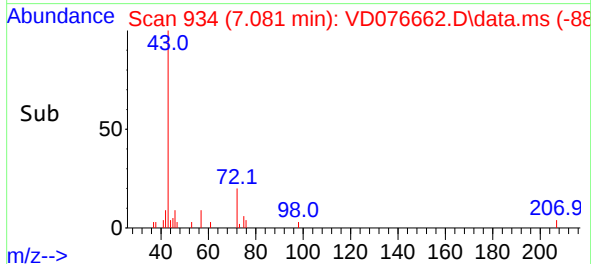
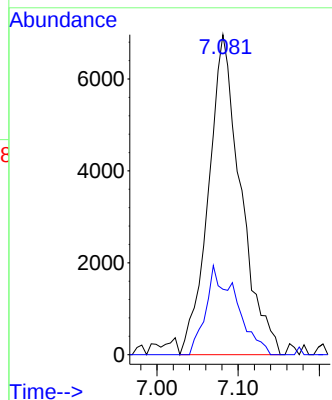
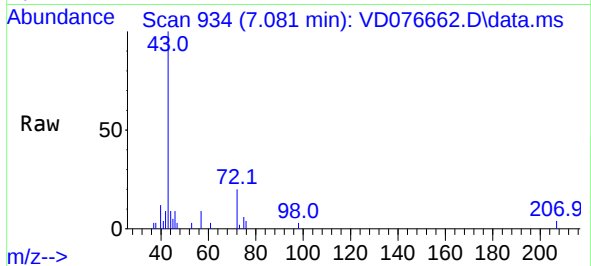




#22
2-Butanone
Concen: 17.986 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076662.D
Acq: 30 Jun 2023 15:00

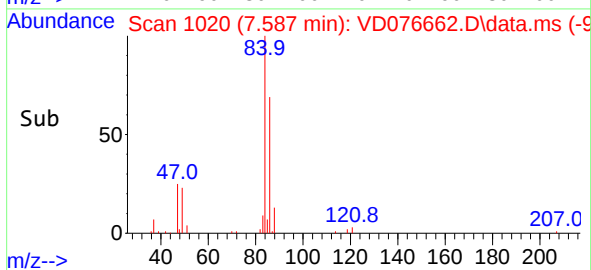
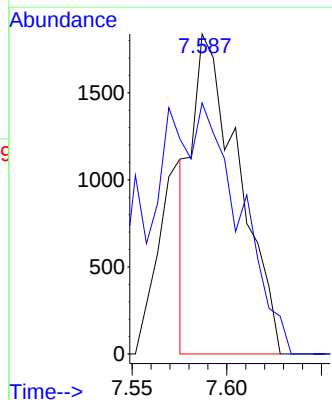
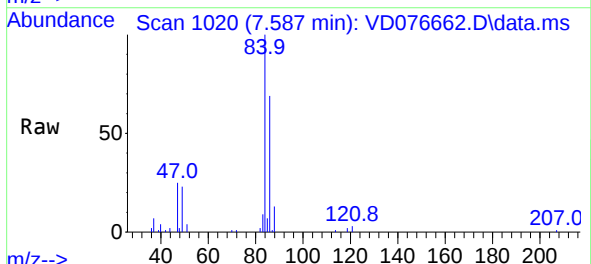
Instrument :
MSVOA_D
ClientSampleId :
A46Q9

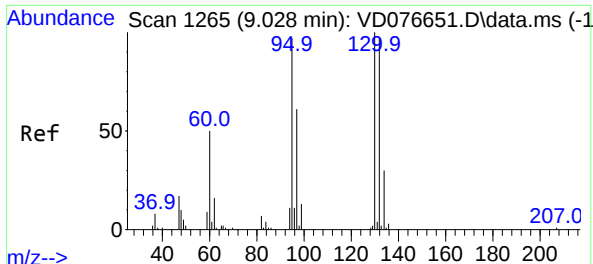
Tgt Ion: 43 Resp: 19230
Ion Ratio Lower Upper
43 100
72 16.7 12.9 38.7



#25
Chloroform
Concen: 0.548 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD076662.D
Acq: 30 Jun 2023 15:00

Tgt Ion: 83 Resp: 3146
Ion Ratio Lower Upper
83 100
85 78.5 45.4 84.4





#34

Trichloroethene

Concen: 2.591 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD076662.D

Acq: 30 Jun 2023 15:00

Instrument :

MSVOA_D

ClientSampleId :

A46Q9

Tgt Ion: 95 Resp: 6806

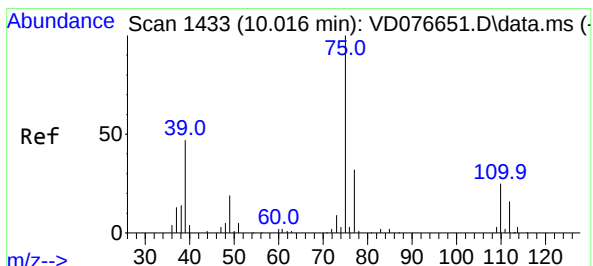
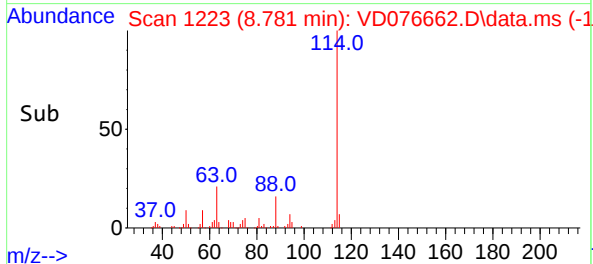
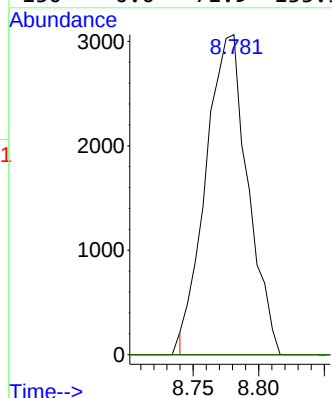
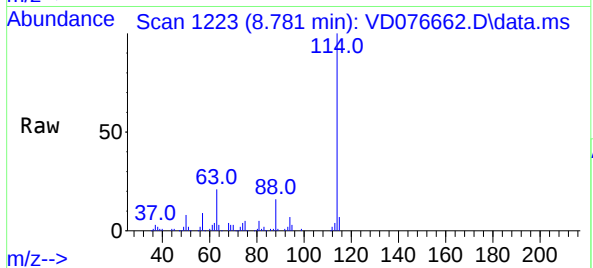
Ion Ratio Lower Upper

95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#



#39

cis-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD076662.D

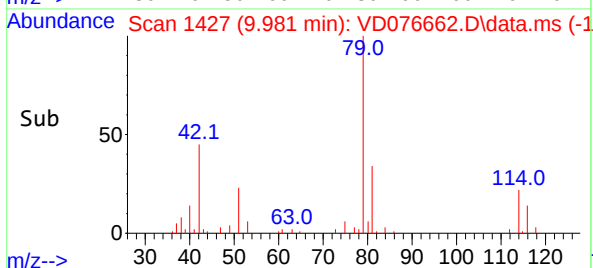
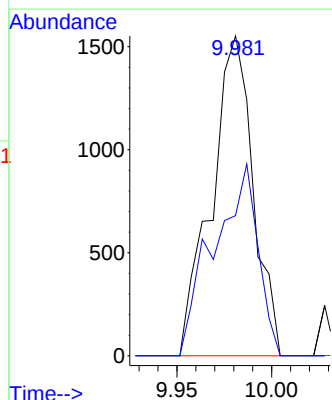
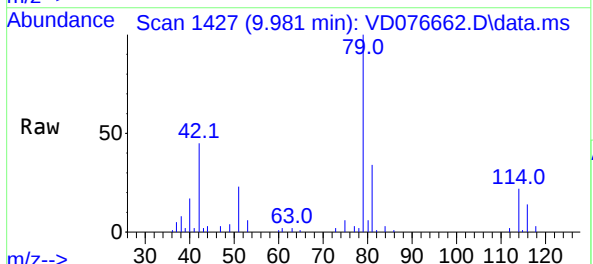
Acq: 30 Jun 2023 15:00

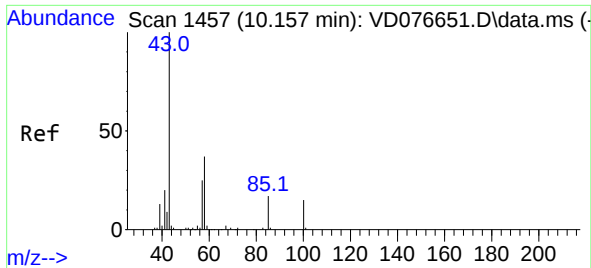
Tgt Ion: 75 Resp: 2378

Ion Ratio Lower Upper

75 100

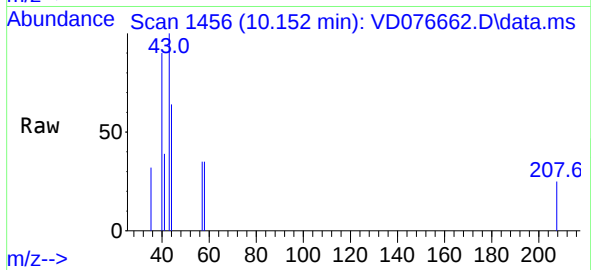
77 43.8 22.7 42.3#





#40
4-Methyl-2-pentanone
Concen: 0.777 ug/L
RT: 10.152 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD076662.D
Acq: 30 Jun 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
A46Q9



Tgt Ion:	43	Resp:	1347
Ion	Ratio	Lower	Upper
43	100		
58	31.2	30.7	46.1
100	0.0	11.0	16.4#

