

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075560.D
 Acq On : 31 Mar 2023 16:09
 Operator : KP/SY
 Sample : 02150-02
 Misc : 5.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

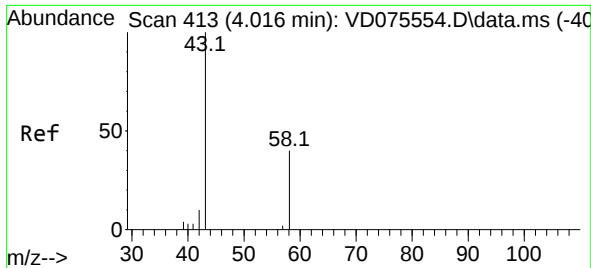
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	455291	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	396427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	161691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	251320	23.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.840%		
7) Chloroethane-d5	2.805	69	224697	23.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.280%		
11) 1,1-Dichloroethene-d2	3.917	63	156537	18.308	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.240%		
21) 2-Butanone-d5	6.993	46	22979	33.287	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.580%		
24) Chloroform-d	7.569	84	274033	25.529	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.120%		
26) 1,2-Dichloroethane-d4	8.234	65	102877	21.627	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.520%		
32) Benzene-d6	8.205	84	610026	26.321	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.280%		
36) 1,2-Dichloropropane-d6	9.210	67	153793	24.900	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.600%		
41) Toluene-d8	10.269	98	590777	27.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.720%		
43) trans-1,3-Dichloroprop...	10.528	79	55818	21.679	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.720%		
47) 2-Hexanone-d5	10.881	63	21700	29.690	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.380%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86298	18.651	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.600%		
66) 1,2-Dichlorobenzene-d4	13.816	152	152623	27.517	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.080%		
Target Compounds					Qvalue	
13) Acetone	4.034	43	1227	1.695	ug/L	75
16) Methylene chloride	4.805	84	14036	2.243	ug/L	93
27) 1,2-Dichloroethane	8.199	62	2685	0.549	ug/L #	67
37) 1,2-Dichloropropane	9.210	63	15659	3.263	ug/L #	82
39) cis-1,3-Dichloropropene	9.981	75	3762	0.494	ug/L #	66
40) 4-Methyl-2-pentanone	10.269	43	1443	0.802	ug/L #	1
44) trans-1,3-Dichloropropene	10.522	75	2566	0.397	ug/L #	77
46) Tetrachloroethene	10.816	164	1398	0.312	ug/L	88
48) 2-Hexanone	10.881	43	2000	1.650	ug/L #	60
53) m,p-Xylene	11.799	106	12186	1.304	ug/L	95

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



#13

Acetone

Concen: 1.695 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.018 min

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MSVOA_D

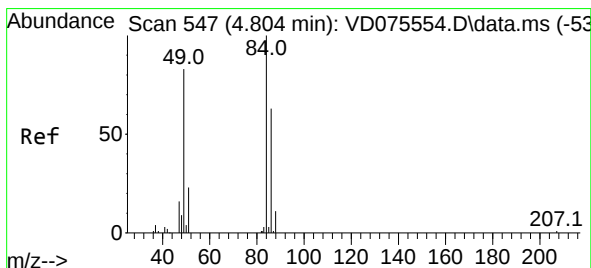
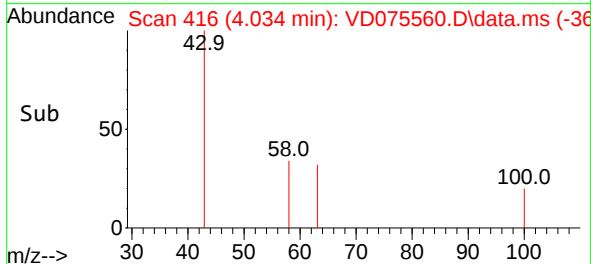
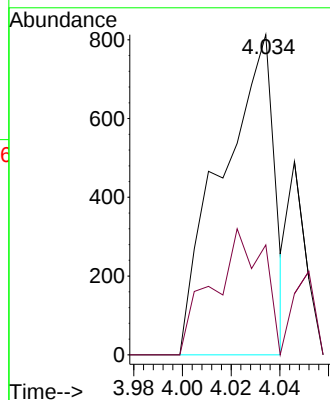
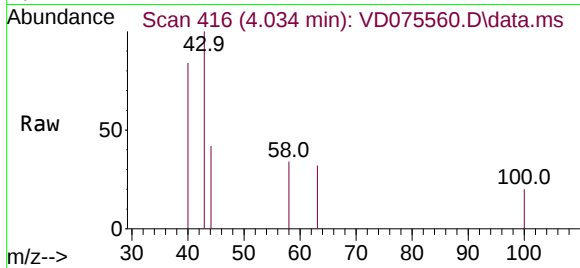
ClientSampleId :

Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

58 23.6 0.0 77.4



#16

Methylene chloride

Concen: 2.243 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD075560.D

Acq: 31 Mar 2023 16:09

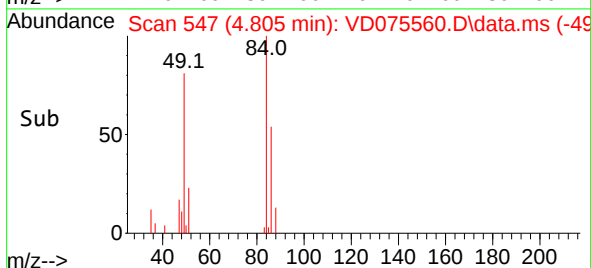
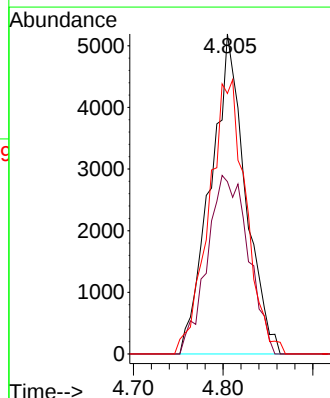
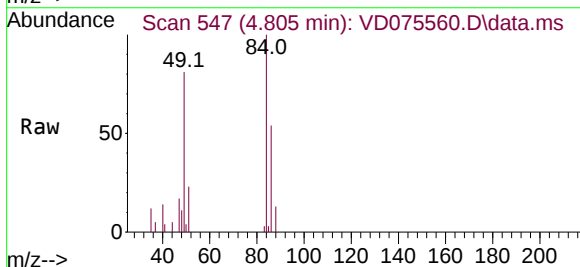
Tgt Ion: 84 Resp: 14036

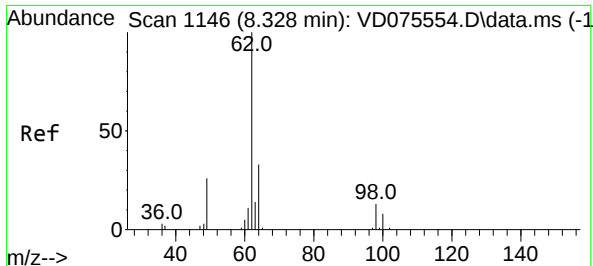
Ion Ratio Lower Upper

84 100

86 53.9 44.4 82.4

49 81.4 58.5 108.7





#27

1,2-Dichloroethane

Concen: 0.549 ug/L

RT: 8.199 min Scan# 1124

Delta R.T. -0.129 min

Lab File: VD075560.D

Acq: 31 Mar 2023 16:09

Instrument :

MSVOA_D

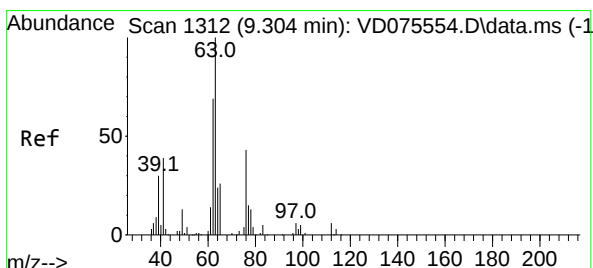
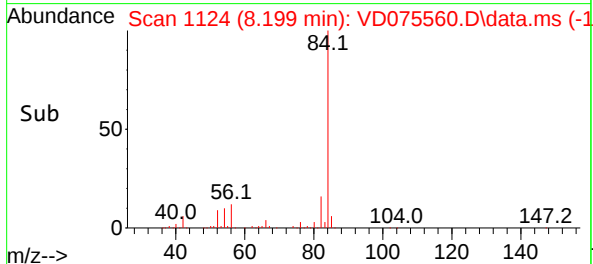
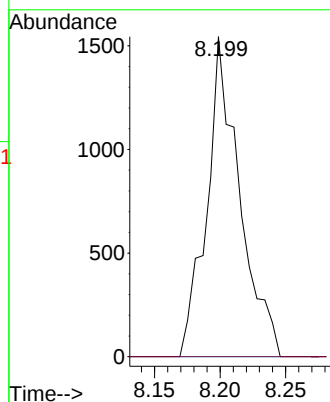
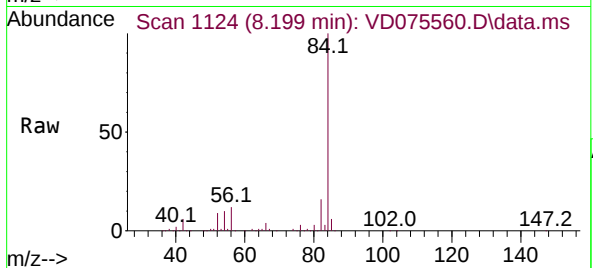
ClientSampleId :

Tgt Ion: 62 Resp: 2685

Ion Ratio Lower Upper

62 100

98 0.0 10.5 15.7#



#37

1,2-Dichloropropane

Concen: 3.263 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075560.D

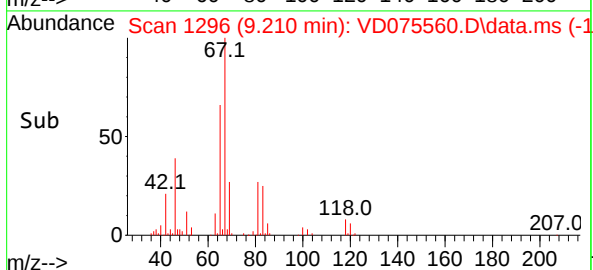
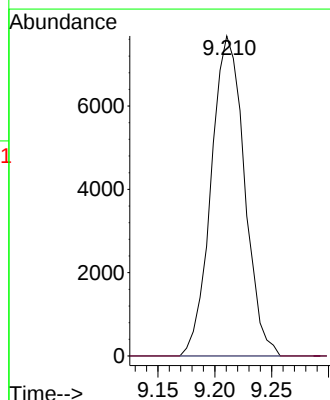
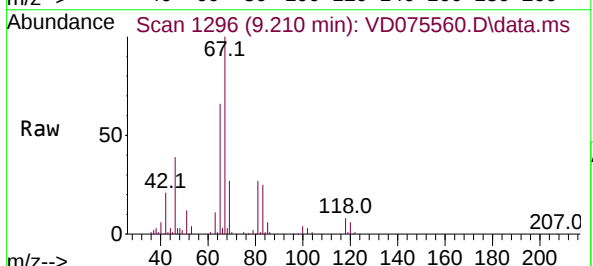
Acq: 31 Mar 2023 16:09

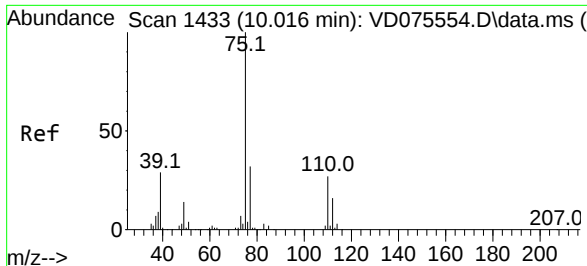
Tgt Ion: 63 Resp: 15659

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD075560.D

Acq: 31 Mar 2023 16:09

Instrument :

MSVOA_D

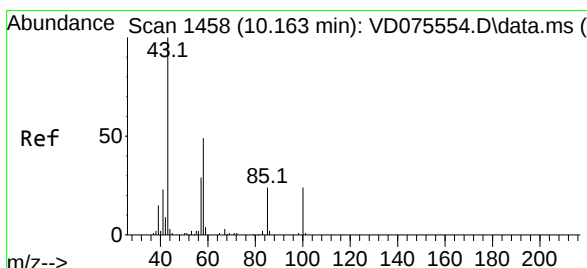
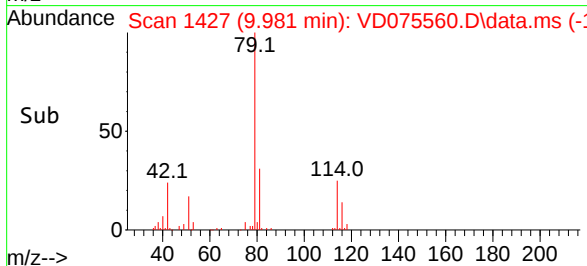
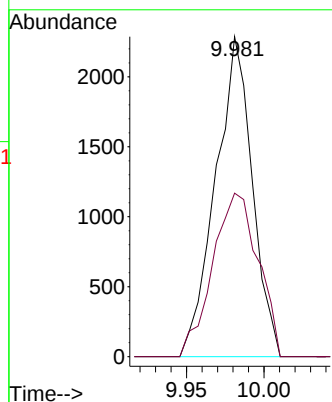
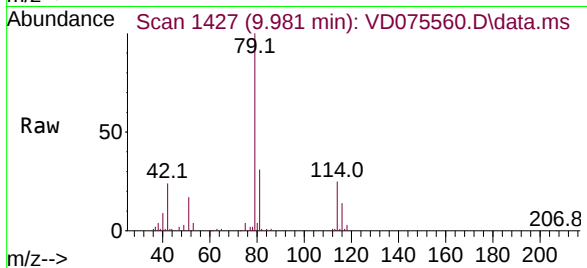
ClientSampleId :

Tgt Ion: 75 Resp: 3762

Ion Ratio Lower Upper

75 100

77 51.1 22.5 41.7#



#40

4-Methyl-2-pentanone

Concen: 0.802 ug/L

RT: 10.269 min Scan# 1476

Delta R.T. 0.106 min

Lab File: VD075560.D

Acq: 31 Mar 2023 16:09

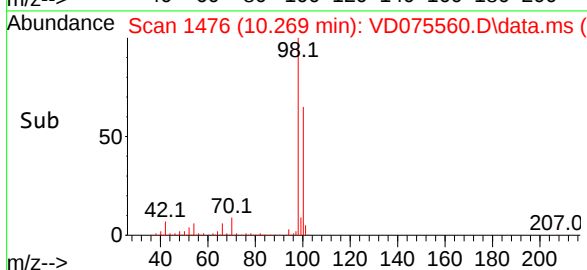
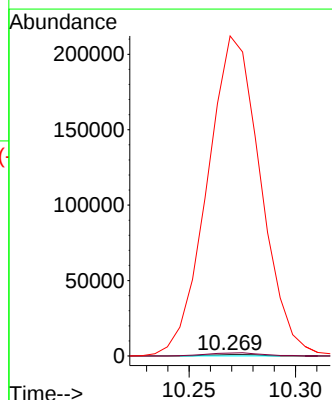
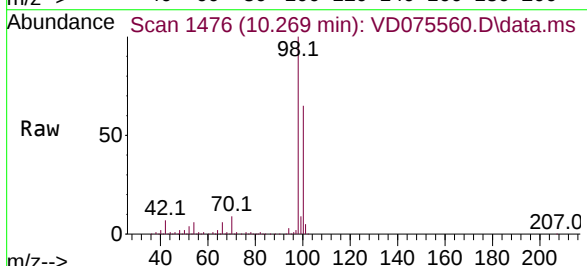
Tgt Ion: 43 Resp: 1443

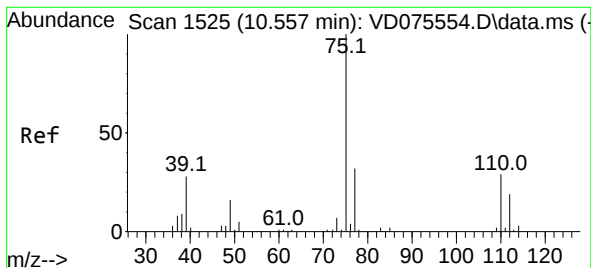
Ion Ratio Lower Upper

43 100

58 253.8 39.4 59.0#

100 25873.9 20.3 30.5#





#44

trans-1,3-Dichloropropene

Concen: 0.397 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.035 min

Lab File: VD075560.D

Acq: 31 Mar 2023 16:09

Instrument :

MSVOA_D

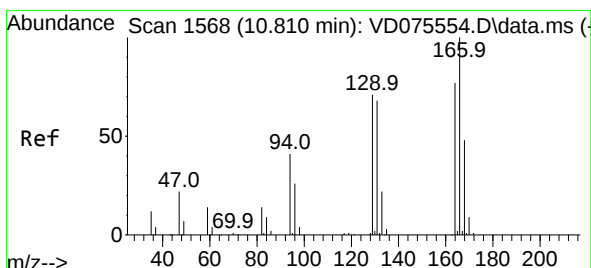
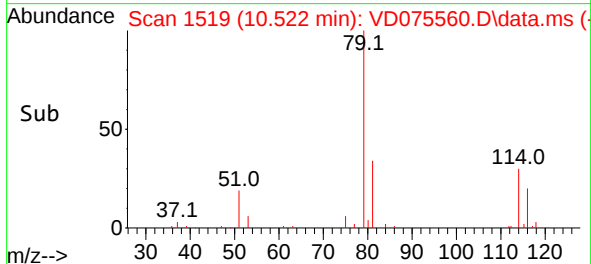
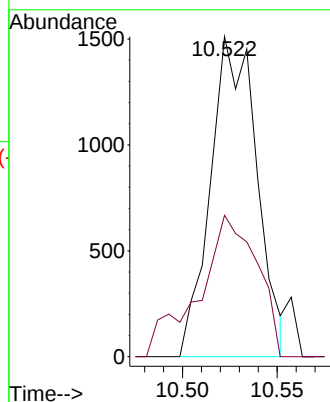
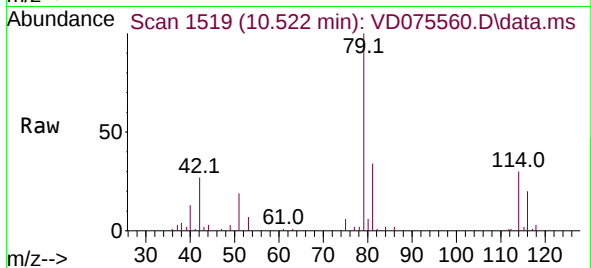
ClientSampleId :

Tgt Ion: 75 Resp: 2566

Ion Ratio Lower Upper

75 100

77 44.2 22.1 41.1#



#46

Tetrachloroethene

Concen: 0.312 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD075560.D

Acq: 31 Mar 2023 16:09

Tgt Ion:164 Resp: 1398

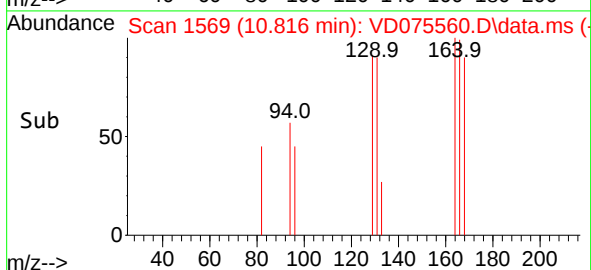
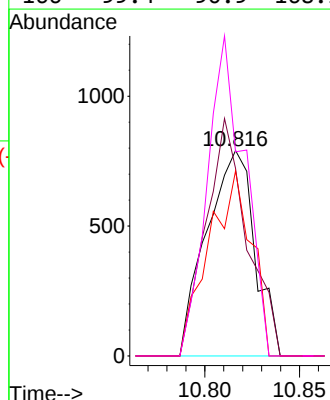
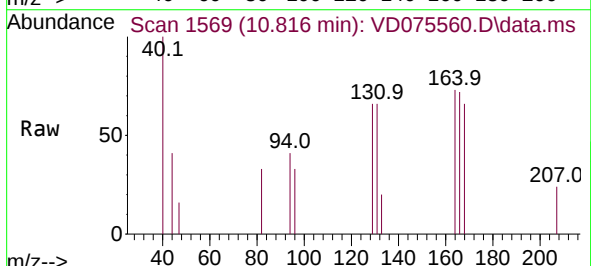
Ion Ratio Lower Upper

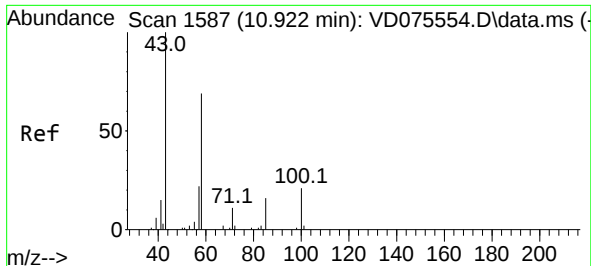
164 100

129 91.3 64.8 120.3

131 90.1 61.7 114.7

166 99.4 90.9 168.9

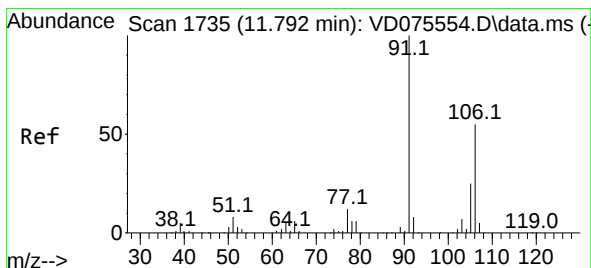
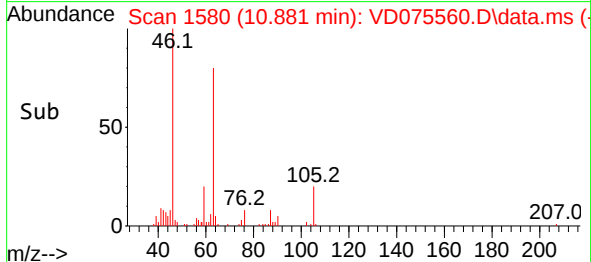
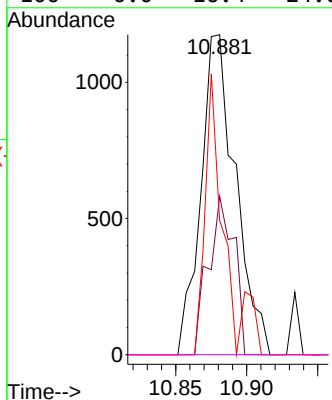
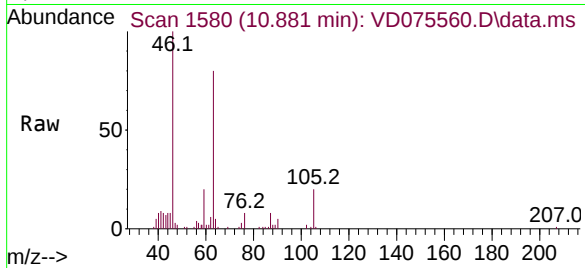




#48
2-Hexanone
Concen: 1.650 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD075560.D
Acq: 31 Mar 2023 16:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43	Resp: 2000
Ion Ratio	Lower Upper
43 100	
58 36.6	55.8 83.6#
57 40.6	18.6 27.8#
100 0.0	16.4 24.6#



#53
m,p-Xylene
Concen: 1.304 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075560.D
Acq: 31 Mar 2023 16:09

Tgt Ion: 106	Resp: 12186
Ion Ratio	Lower Upper
106 100	
91 173.9	126.7 235.3

