

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075984.D
 Acq On : 03 May 2023 16:28
 Operator : KP/SY
 Sample : 02593-02
 Misc : 5.41G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH8

Quant Time: May 04 03:09:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

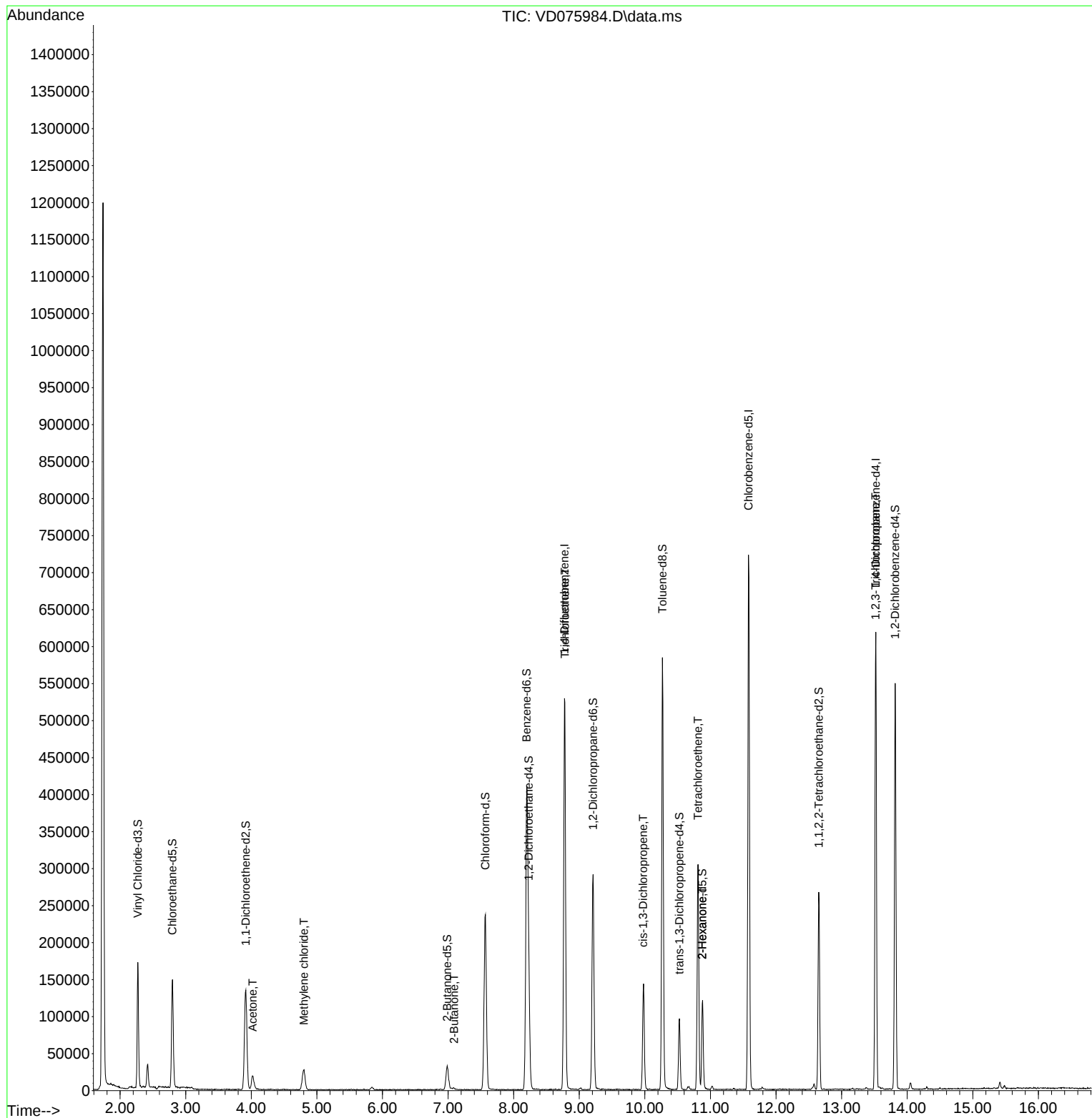
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	512858	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	466949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	183276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	158735	14.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.440%
7) Chloroethane-d5	2.799	69	159995	16.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.840%
11) 1,1-Dichloroethene-d2	3.916	65	38112	14.693	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.760%
21) 2-Butanone-d5	6.987	46	53598	54.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.760%
24) Chloroform-d	7.569	84	253362	19.756	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.040%
26) 1,2-Dichloroethane-d4	8.228	65	110006	20.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.360%
32) Benzene-d6	8.199	84	474950	17.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.800%
36) 1,2-Dichloropropane-d6	9.210	67	156921	20.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.320%
41) Toluene-d8	10.269	98	415860	16.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.280%
43) trans-1,3-Dichloroprop...	10.528	79	58612	18.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.280%
47) 2-Hexanone-d5	10.875	63	44306	48.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	142018	24.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	159055	24.535	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds					Qvalue	
13) Acetone	4.022	43	30663	36.685	ug/L	100
16) Methylene chloride	4.805	84	24312	2.337	ug/L	89
22) 2-Butanone	7.093	43	1599	1.467	ug/L	91
34) Trichloroethene	8.781	95	12471	1.707	ug/L #	2
39) cis-1,3-Dichloropropene	9.975	75	3507	0.340	ug/L #	55
46) Tetrachloroethene	10.810	164	74492	12.434	ug/L	93
48) 2-Hexanone	10.875	43	4111	2.465	ug/L #	61
61) 1,2,3-Trichloropropane	13.516	75	19108	6.637	ug/L #	63

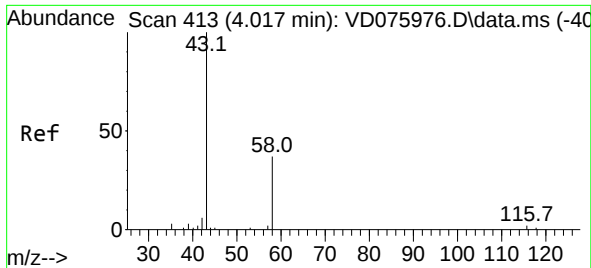
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration





#13

Acetone

Concen: 36.685 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075984.D

Acq: 03 May 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

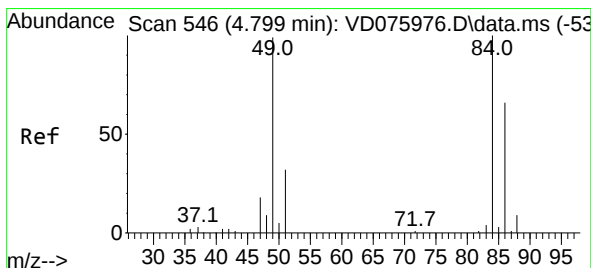
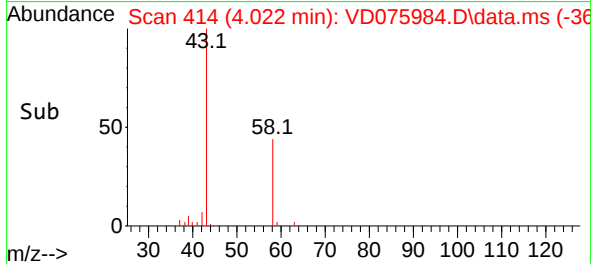
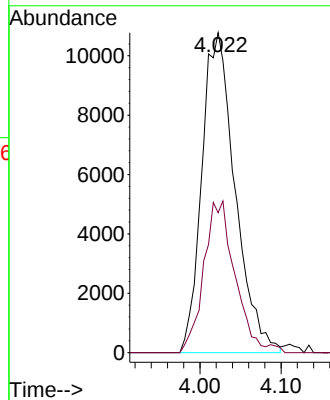
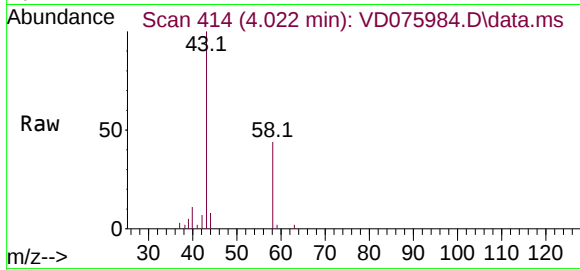
DCCH8

Tgt Ion: 43 Resp: 30663

Ion Ratio Lower Upper

43 100

58 44.0 0.0 87.4



#16

Methylene chloride

Concen: 2.337 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075984.D

Acq: 03 May 2023 16:28

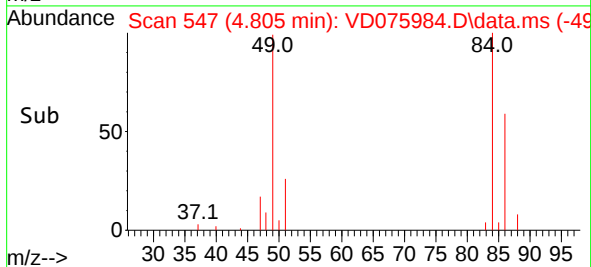
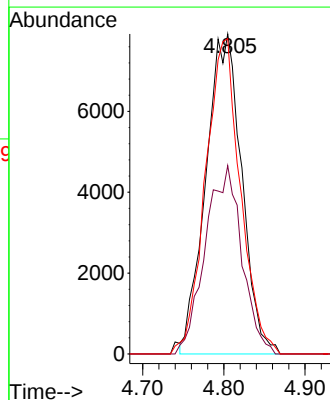
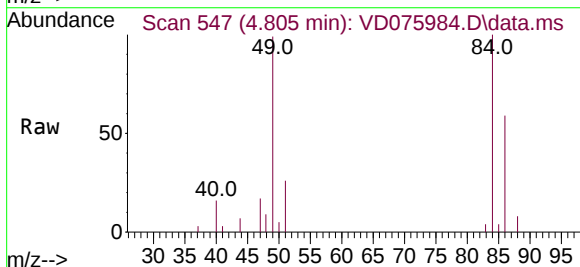
Tgt Ion: 84 Resp: 24312

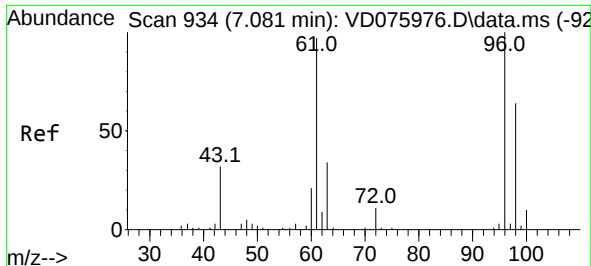
Ion Ratio Lower Upper

84 100

86 58.9 45.8 85.2

49 98.5 60.8 112.8

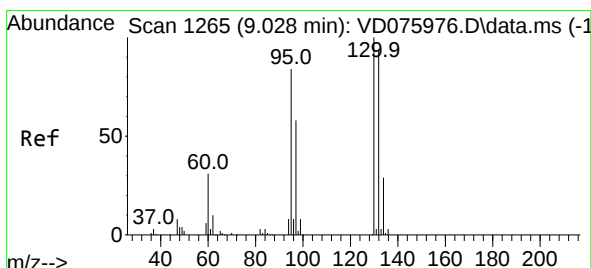
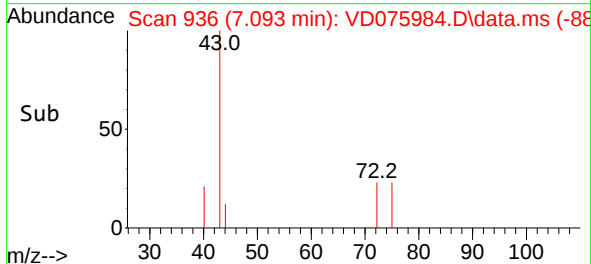
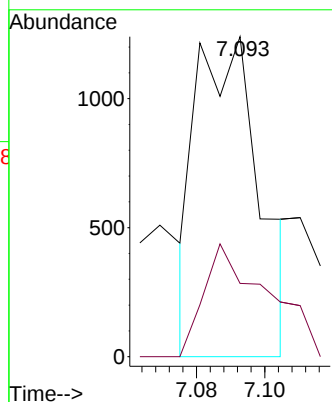
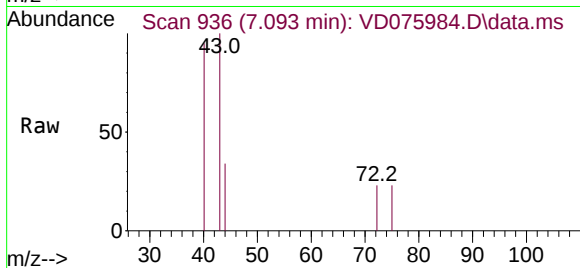




#22
2-Butanone
Concen: 1.467 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075984.D
Acq: 03 May 2023 16:28

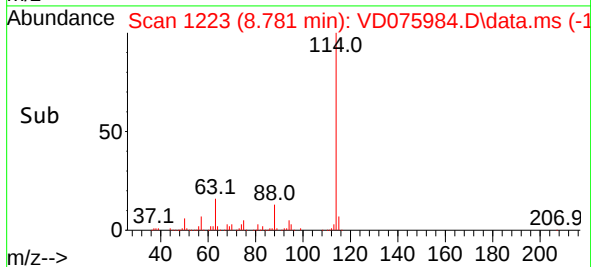
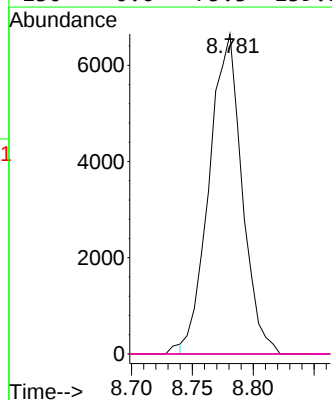
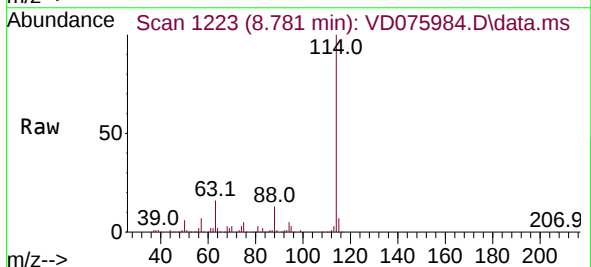
Instrument :
MSVOA_D
ClientSampleId :
DCCH8

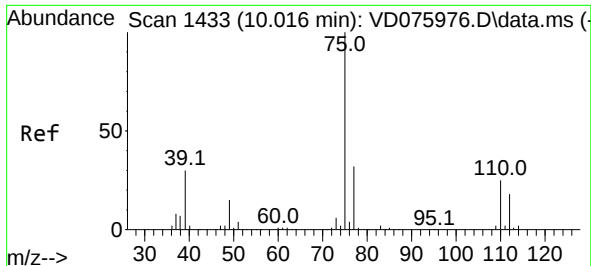
Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
72 35.6 20.5 61.5



#34
Trichloroethene
Concen: 1.707 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075984.D
Acq: 03 May 2023 16:28

Tgt Ion: 95 Resp: 12471
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#





#39

cis-1,3-Dichloropropene

Concen: 0.340 ug/L

RT: 9.975 min Scan# 14

Delta R.T. -0.041 min

Lab File: VD075984.D

Acq: 03 May 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

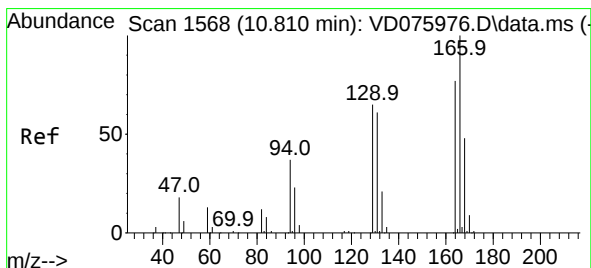
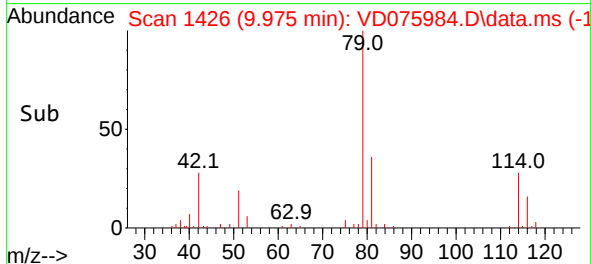
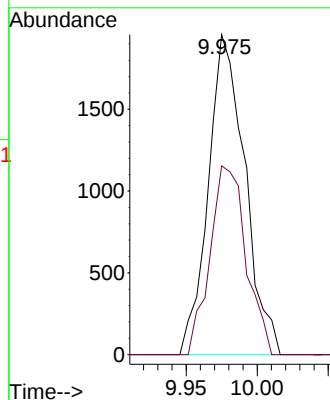
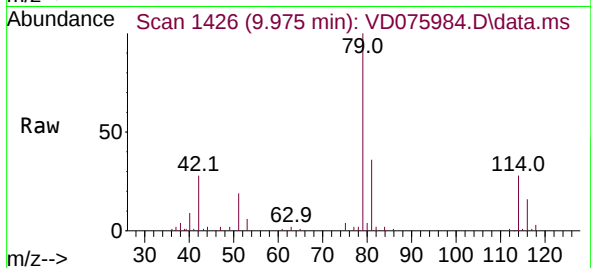
DCCH8

Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

75 100

77 59.0 23.4 43.6#



#46

Tetrachloroethene

Concen: 12.434 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075984.D

Acq: 03 May 2023 16:28

Tgt Ion:164 Resp: 74492

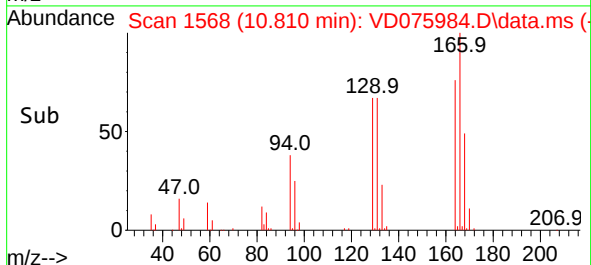
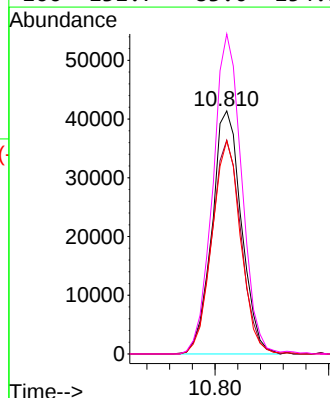
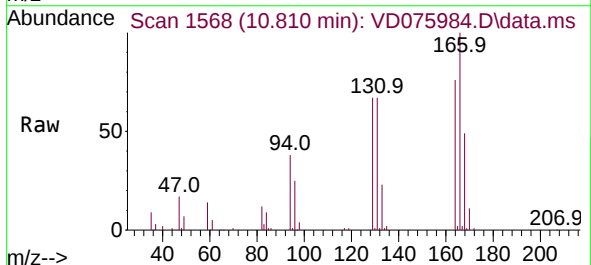
Ion Ratio Lower Upper

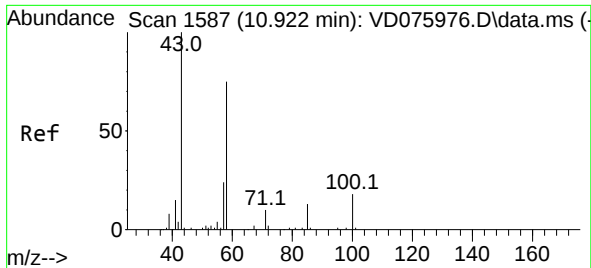
164 100

129 88.0 60.3 112.1

131 87.7 58.9 109.3

166 131.7 83.0 154.1

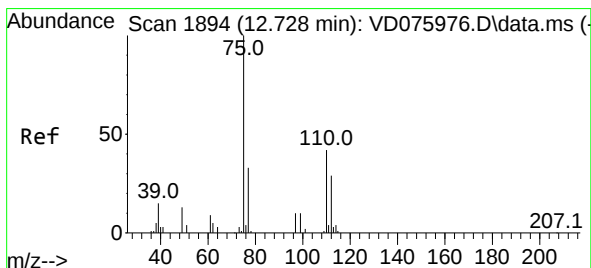
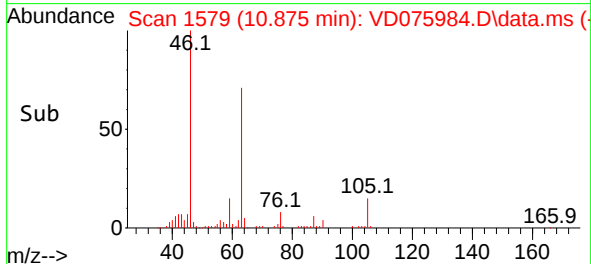
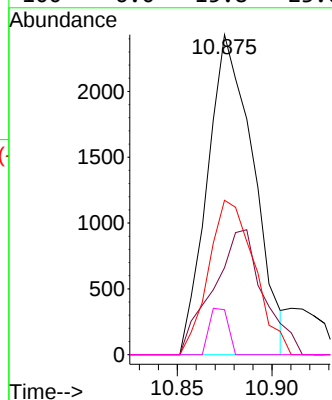
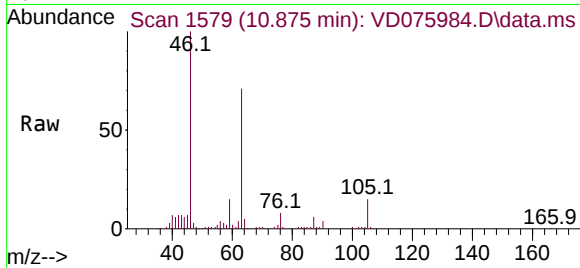




#48
2-Hexanone
Concen: 2.465 ug/L
RT: 10.875 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD075984.D
Acq: 03 May 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
DCCH8

Tgt Ion: 43	Resp: 4111
Ion Ratio	Lower Upper
43 100	
58 42.6	59.7 89.5#
57 48.0	17.9 26.9#
100 6.0	15.8 23.6#



#61
1,2,3-Trichloropropane
Concen: 6.637 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075984.D
Acq: 03 May 2023 16:28

Tgt Ion: 75	Resp: 19108
Ion Ratio	Lower Upper
75 100	
77 30.8	26.6 39.8
110 2.5	33.5 50.3#

