

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075940.D
 Acq On : 01 May 2023 15:30
 Operator : KP/SY
 Sample : 02564-02
 Misc : 5.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCE4

Quant Time: May 02 02:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

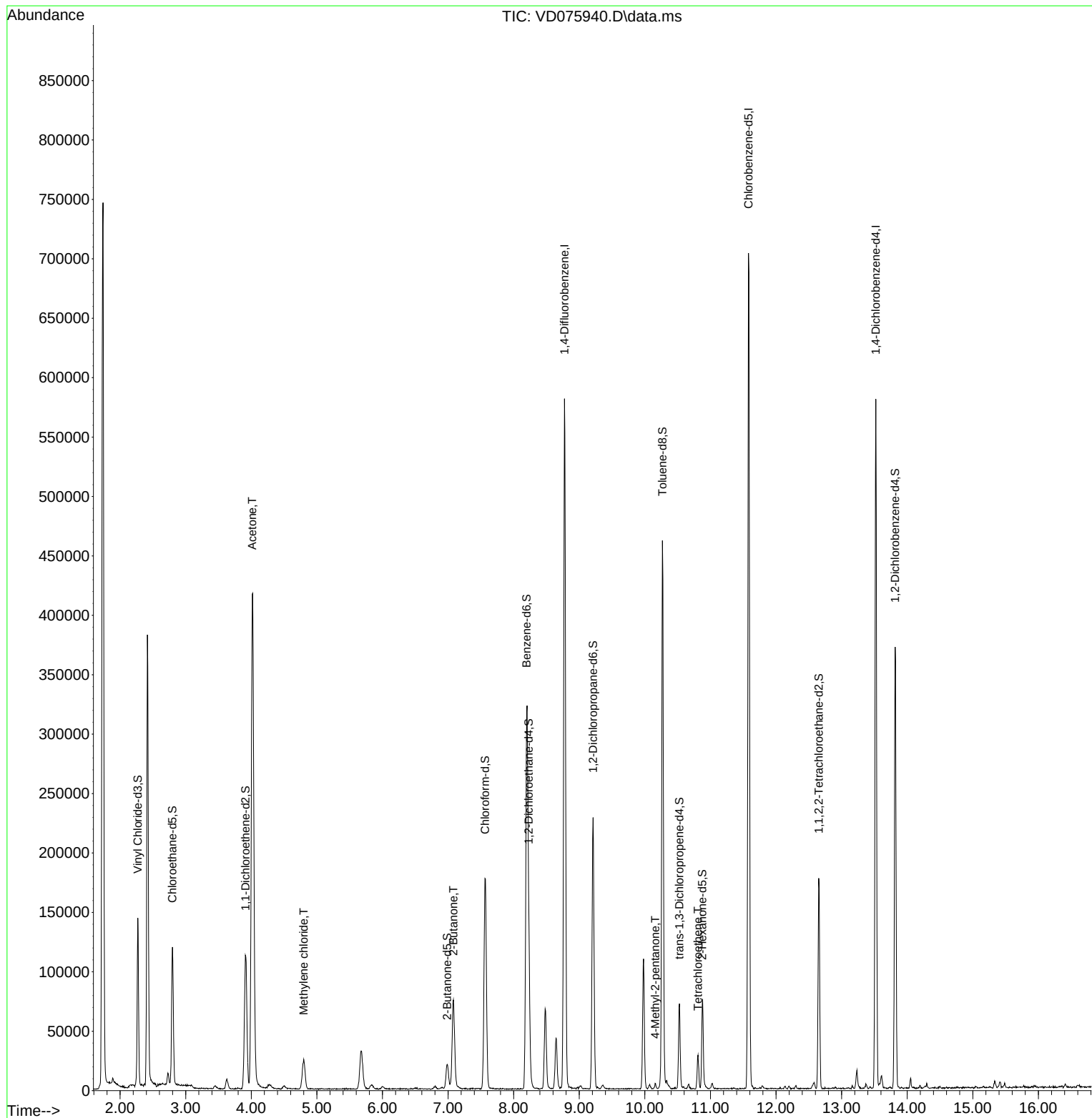
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	568832	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	457412	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	171453	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	132244	10.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.400%
7) Chloroethane-d5	2.799	69	128180	11.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.560%
11) 1,1-Dichloroethene-d2	3.910	65	31197	10.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.360%#
21) 2-Butanone-d5	6.987	46	35109	32.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.820%
24) Chloroform-d	7.563	84	201964	14.198	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	56.800%
26) 1,2-Dichloroethane-d4	8.228	65	85758	14.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.480%#
32) Benzene-d6	8.199	84	374650	14.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	56.200%
36) 1,2-Dichloropropane-d6	9.210	67	117668	15.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	63.800%#
41) Toluene-d8	10.269	98	333515	13.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.440%
43) trans-1,3-Dichloroprop...	10.528	79	43137	14.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.560%
47) 2-Hexanone-d5	10.875	63	27021	30.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94123	16.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	110499	18.221	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.880%#
Target Compounds						Qvalue
13) Acetone	4.016	43	684080	737.901	ug/L	98
16) Methylene chloride	4.799	84	22191	1.923	ug/L	96
22) 2-Butanone	7.081	43	109091	90.263	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	2615	1.128	ug/L #	86
46) Tetrachloroethene	10.810	164	7085	1.207	ug/L	87

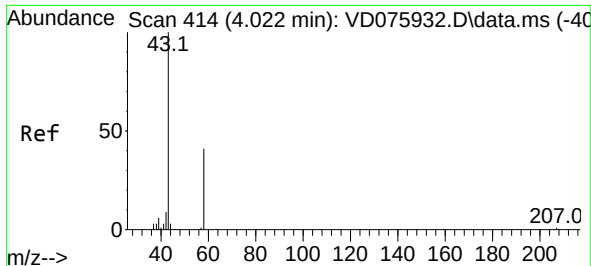
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration





#13

Acetone

Concen: 737.901 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD075940.D

Acq: 01 May 2023 15:30

Instrument :

MSVOA_D

ClientSampleId :

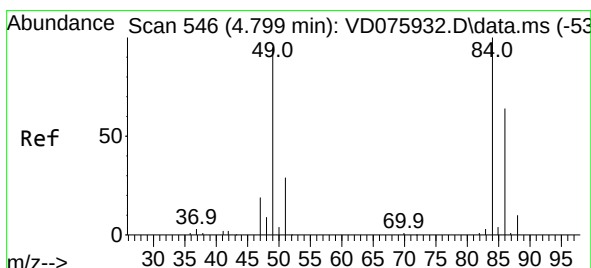
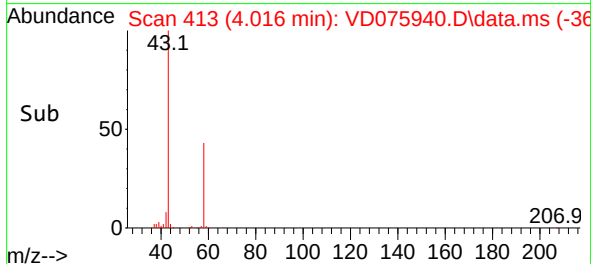
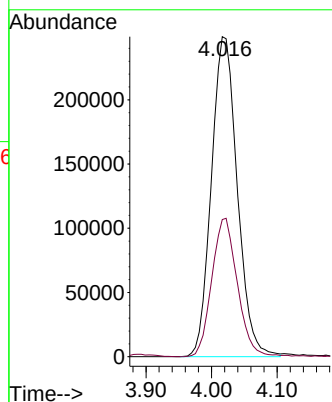
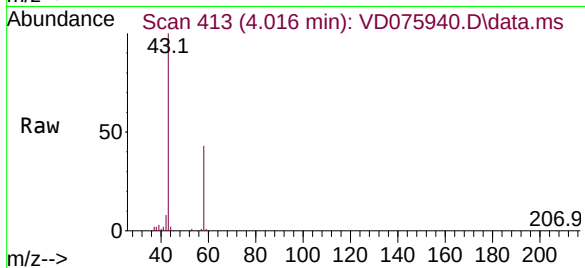
DCCE4

Tgt Ion: 43 Resp: 684080

Ion Ratio Lower Upper

43 100

58 42.4 0.0 87.4



#16

Methylene chloride

Concen: 1.923 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

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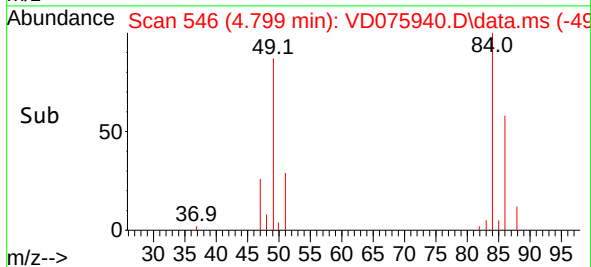
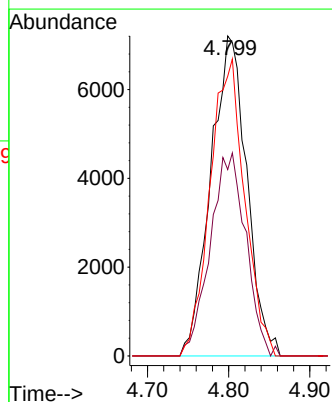
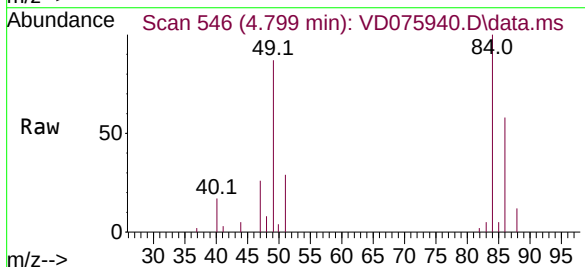
Tgt Ion: 84 Resp: 22191

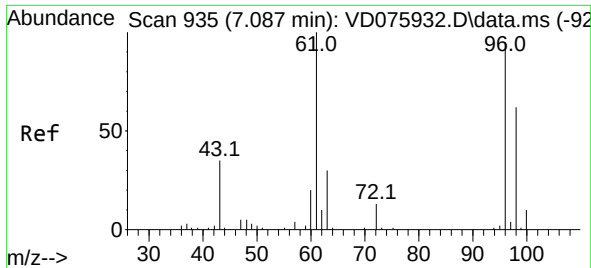
Ion Ratio Lower Upper

84 100

86 58.2 45.8 85.2

49 87.4 60.8 112.8





#22

2-Butanone

Concen: 90.263 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

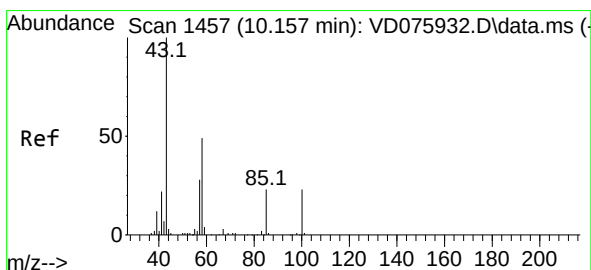
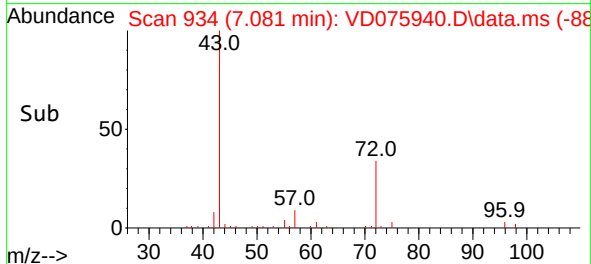
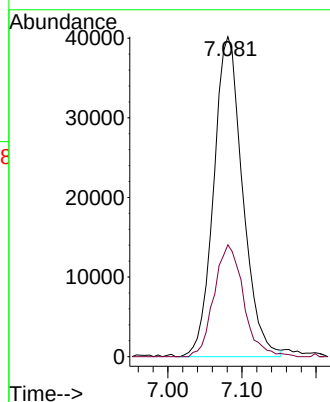
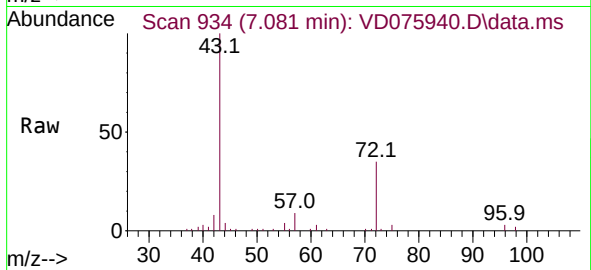
DCCE4

Tgt Ion: 43 Resp: 109091

Ion Ratio Lower Upper

43 100

72 35.2 20.5 61.5



#40

4-Methyl-2-pentanone

Concen: 1.128 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075940.D

Acq: 01 May 2023 15:30

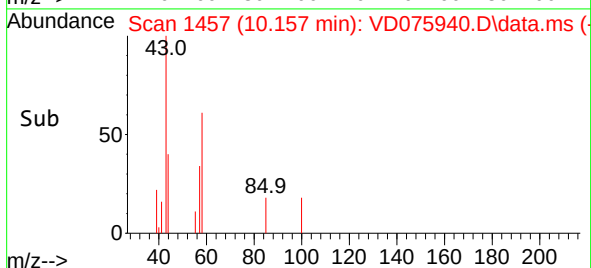
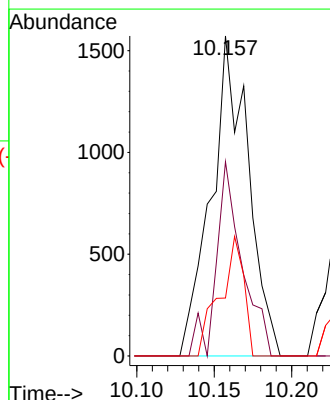
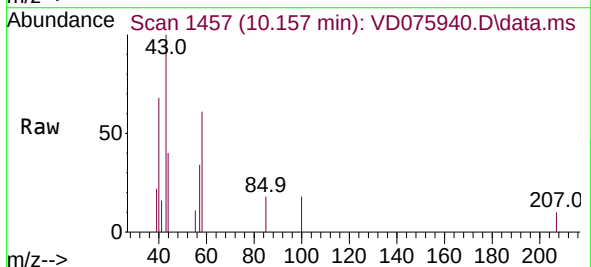
Tgt Ion: 43 Resp: 2615

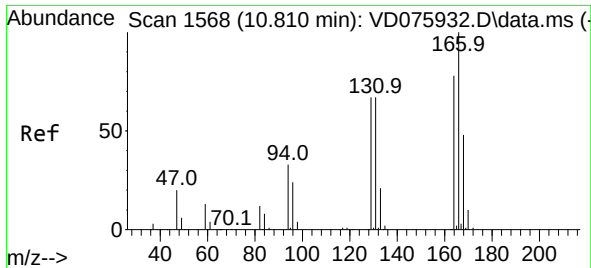
Ion Ratio Lower Upper

43 100

58 39.5 39.1 58.7

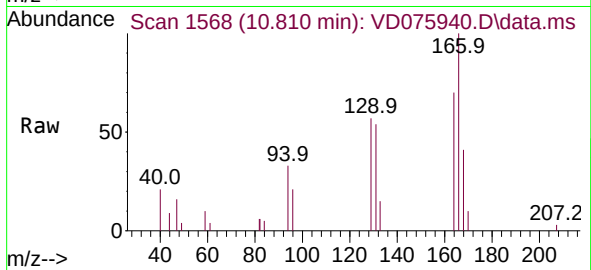
100 17.1 19.4 29.0#





#46
 Tetrachloroethene
 Concen: 1.207 ug/L
 RT: 10.810 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VD075940.D
 Acq: 01 May 2023 15:30

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCE4



Tgt Ion:	164	Resp:	7085
Ion	Ratio	Lower	Upper
164	100		
129	82.2	60.3	112.1
131	78.1	58.9	109.3
166	143.5	83.0	154.1

