

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077613.D
 Acq On : 17 Nov 2023 15:14
 Operator : JC/SY
 Sample : 05456-02
 Misc : 5.03G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E05M5

Quant Time: Nov 18 00:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

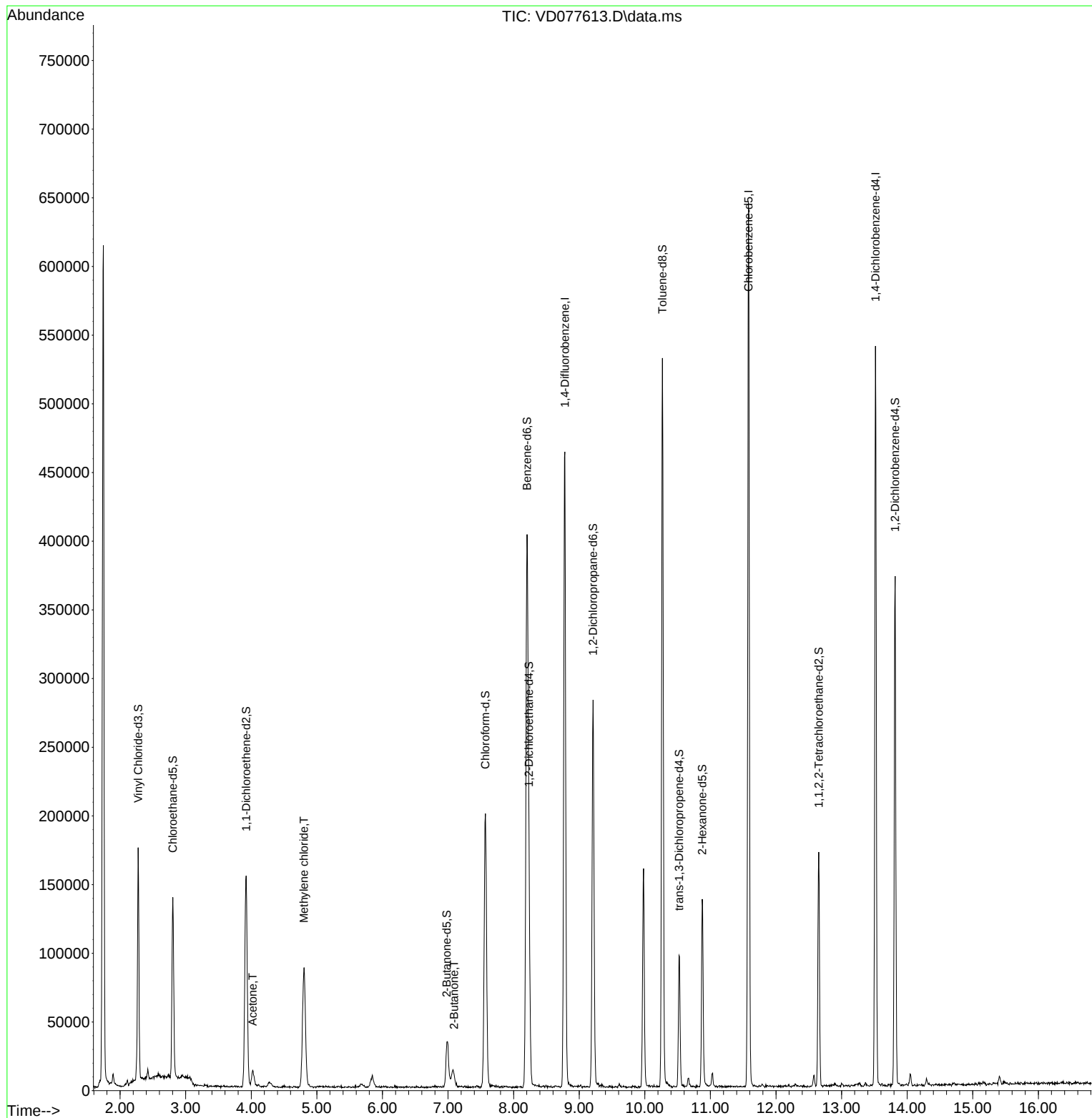
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	392971	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	342582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	136330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	150888	15.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.360%
7) Chloroethane-d5	2.805	69	134560	17.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.520%
11) 1,1-Dichloroethene-d2	3.922	65	47008	15.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.840%
21) 2-Butanone-d5	6.981	46	60910	35.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.380%
24) Chloroform-d	7.569	84	207892	18.313	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.240%
26) 1,2-Dichloroethane-d4	8.234	65	111805	18.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.080%
32) Benzene-d6	8.205	84	408059	18.352	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	9.210	67	138741	19.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.640%
41) Toluene-d8	10.269	98	355415	17.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.760%
43) trans-1,3-Dichloroprop...	10.522	79	54556	17.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.880%
47) 2-Hexanone-d5	10.875	63	48755	37.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.260%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89595	18.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	94066	19.395	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.600%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	20381	11.203	ug/L	71
16) Methylene chloride	4.805	84	62555	9.428	ug/L	98
22) 2-Butanone	7.093	43	9855	4.502	ug/L	91

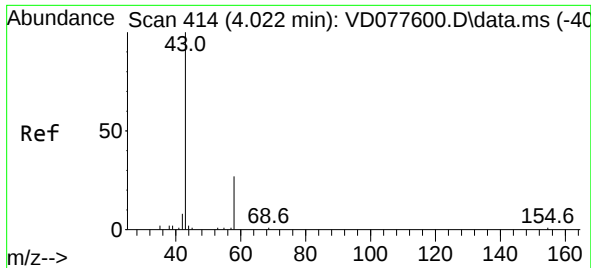
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.203 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077613.D

Acq: 17 Nov 2023 15:14

Instrument :

MSVOA_D

ClientSampleId :

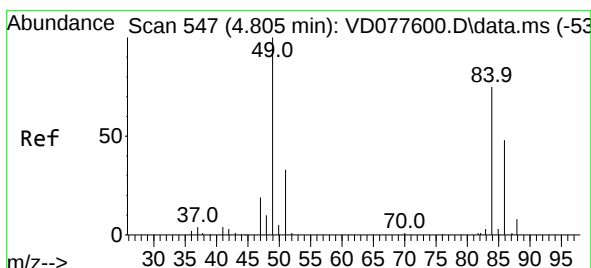
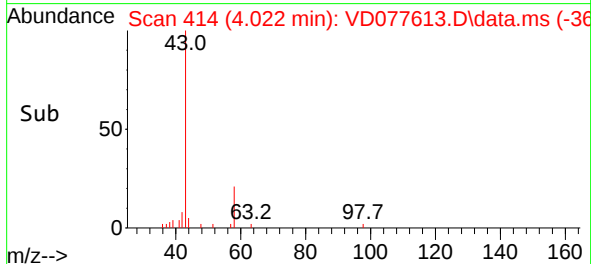
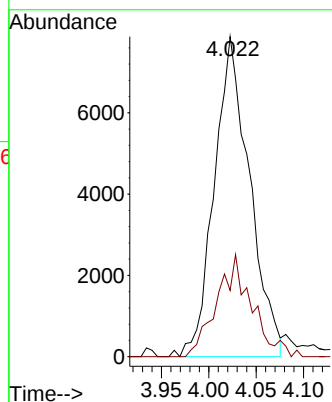
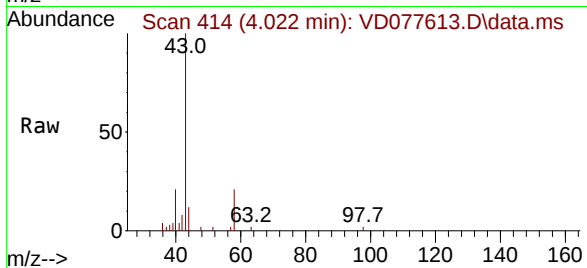
E05M5

Tgt Ion: 43 Resp: 20381

Ion Ratio Lower Upper

43 100

58 16.0 0.0 64.0



#16

Methylene chloride

Concen: 9.428 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

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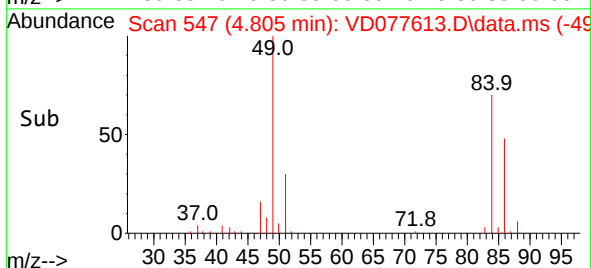
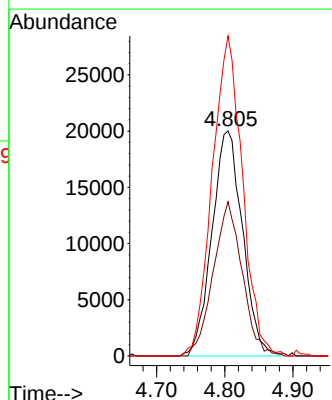
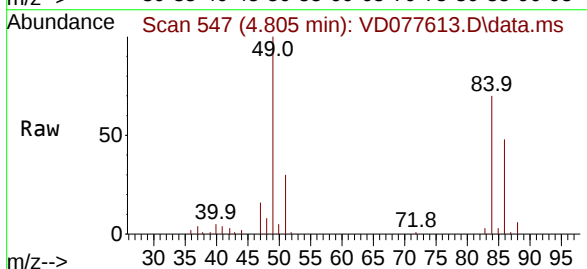
Tgt Ion: 84 Resp: 62555

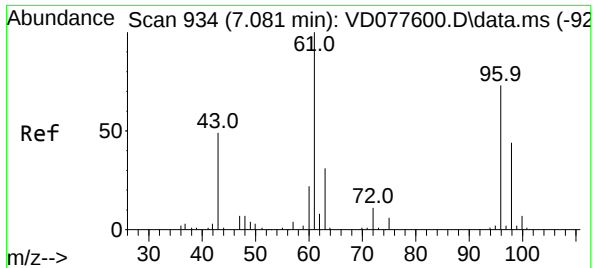
Ion Ratio Lower Upper

84 100

86 68.6 46.5 86.5

49 142.3 98.3 182.7





#22
 2-Butanone
 Concen: 4.502 ug/L
 RT: 7.093 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD077613.D
 Acq: 17 Nov 2023 15:14

Instrument :
 MSVOA_D
 ClientSampleId :
 E05M5

Tgt Ion: 43 Resp: 9855
 Ion Ratio Lower Upper
 43 100
 72 21.0 12.8 38.4

