

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076037.D
 Acq On : 08 May 2023 14:04
 Operator : KP/SY
 Sample : 02591-29
 Misc : 4.51G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 02:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

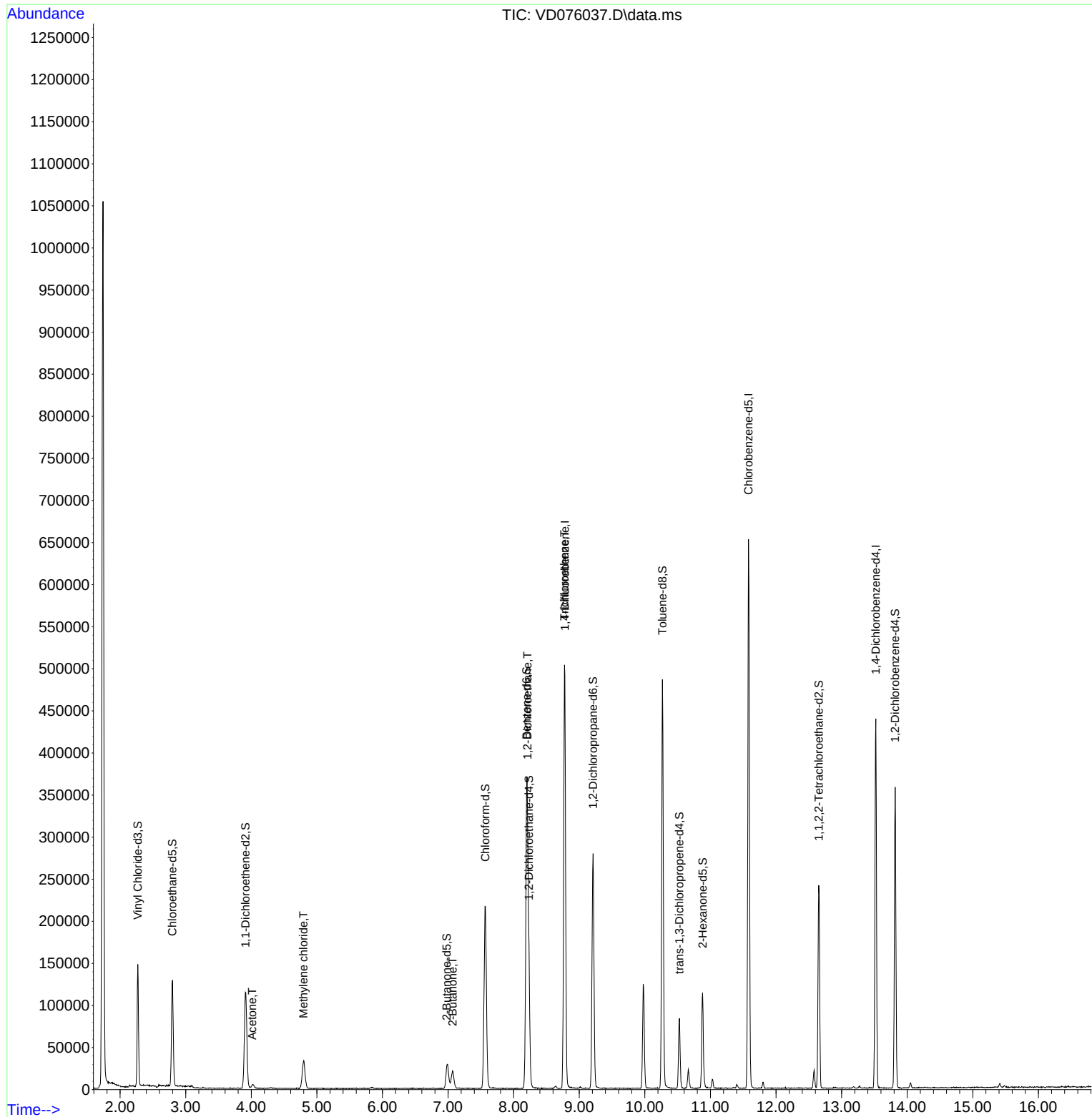
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	490981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	415843	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	134608	12.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.000%
7) Chloroethane-d5	2.799	69	139823	15.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.080%
11) 1,1-Dichloroethene-d2	3.911	65	33314	13.416	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.680%
21) 2-Butanone-d5	6.981	46	50380	53.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.760%
24) Chloroform-d	7.569	84	238083	19.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	8.234	65	108327	20.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.640%
32) Benzene-d6	8.199	84	418219	17.255	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.040%
36) 1,2-Dichloropropane-d6	9.210	67	147362	21.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.880%
41) Toluene-d8	10.269	98	355020	15.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.600%
43) trans-1,3-Dichloroprop...	10.528	79	49955	18.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.080%
47) 2-Hexanone-d5	10.881	63	41029	50.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	132339	25.779	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	104774	22.248	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.000%
Target Compounds	Qvalue					
13) Acetone	4.016	43	8144	10.178	ug/L	87
16) Methylene chloride	4.793	84	28273	2.839	ug/L	87
22) 2-Butanone	7.069	43	868	0.832	ug/L	82
27) 1,2-Dichloroethane	8.210	62	1967	0.321	ug/L #	68
34) Trichloroethene	8.775	95	13033	2.004	ug/L #	2

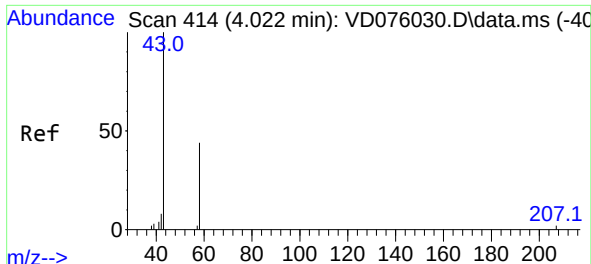
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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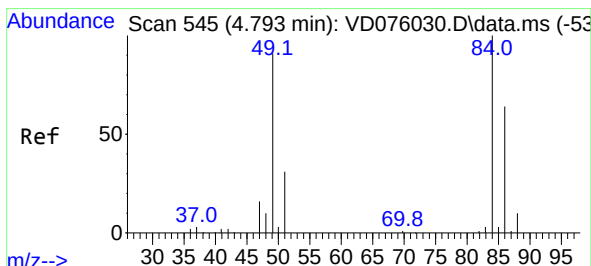
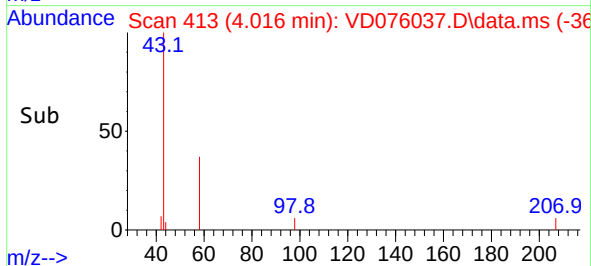
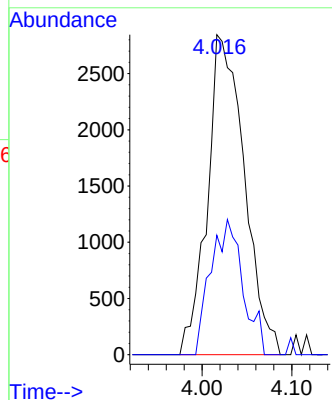
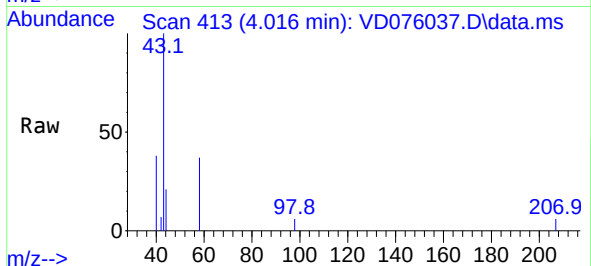




#13
Acetone
Concen: 10.178 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076037.D
Acq: 08 May 2023 14:04

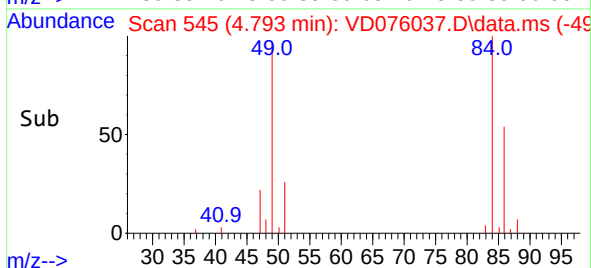
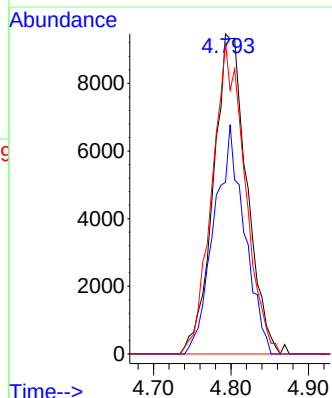
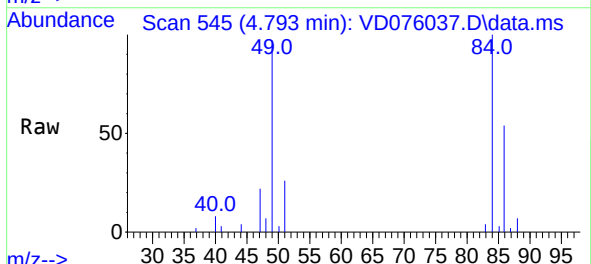
Instrument :
MSVOA_D
ClientSampleId :

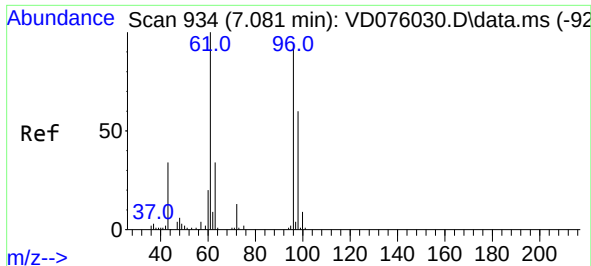
Tgt Ion: 43 Resp: 8144
Ion Ratio Lower Upper
43 100
58 35.1 0.0 87.4



#16
Methylene chloride
Concen: 2.839 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076037.D
Acq: 08 May 2023 14:04

Tgt Ion: 84 Resp: 28273
Ion Ratio Lower Upper
84 100
86 53.6 45.8 85.2
49 97.3 60.8 112.8

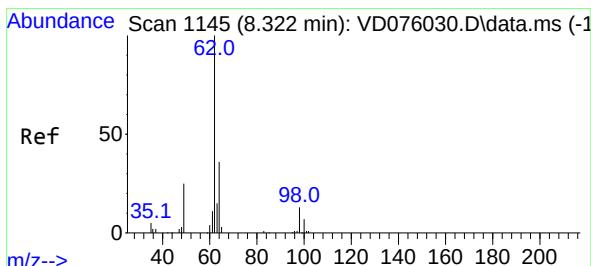
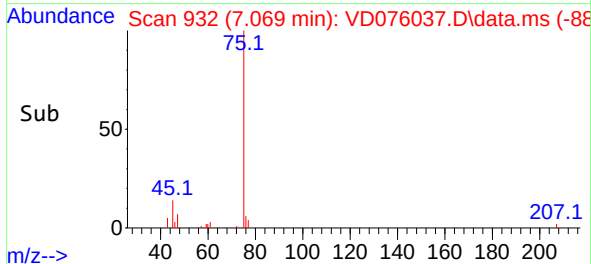
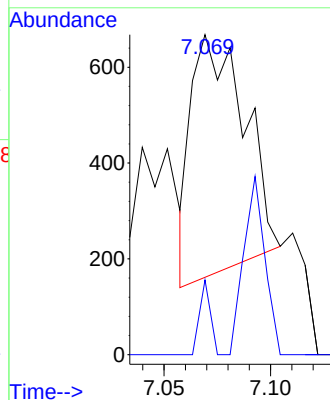
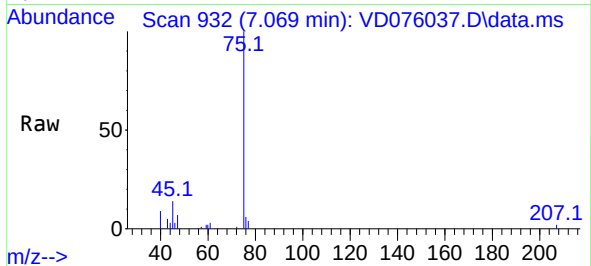




#22
2-Butanone
Concen: 0.832 ug/L
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076037.D
Acq: 08 May 2023 14:04

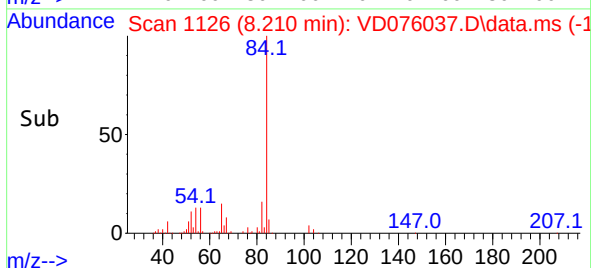
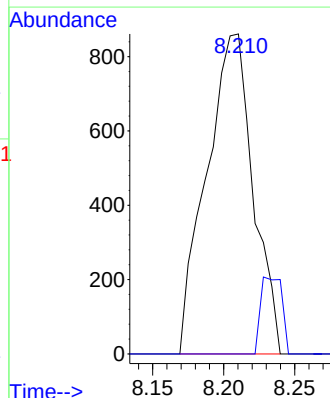
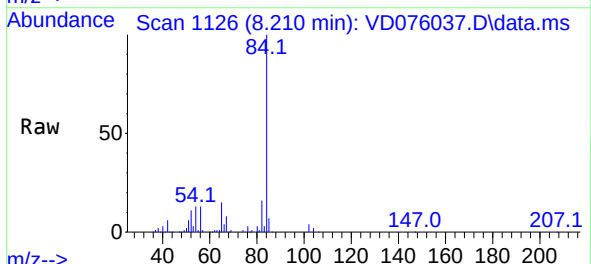
Instrument :
MSVOA_D
ClientSampleId :

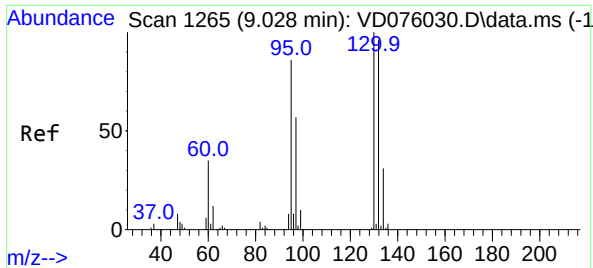
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
72 29.6 20.5 61.5



#27
1,2-Dichloroethane
Concen: 0.321 ug/L
RT: 8.210 min Scan# 1126
Delta R.T. -0.117 min
Lab File: VD076037.D
Acq: 08 May 2023 14:04

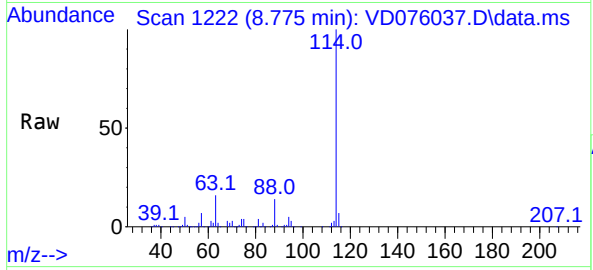
Tgt Ion: 62 Resp: 1967
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#





#34
 Trichloroethene
 Concen: 2.004 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD076037.D
 Acq: 08 May 2023 14:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 13033

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#

