

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076025.D
 Acq On : 05 May 2023 15:03
 Operator : KP/SY
 Sample : 02589-09
 Misc : 4.71G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREC6

Quant Time: May 06 00:24:06 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)

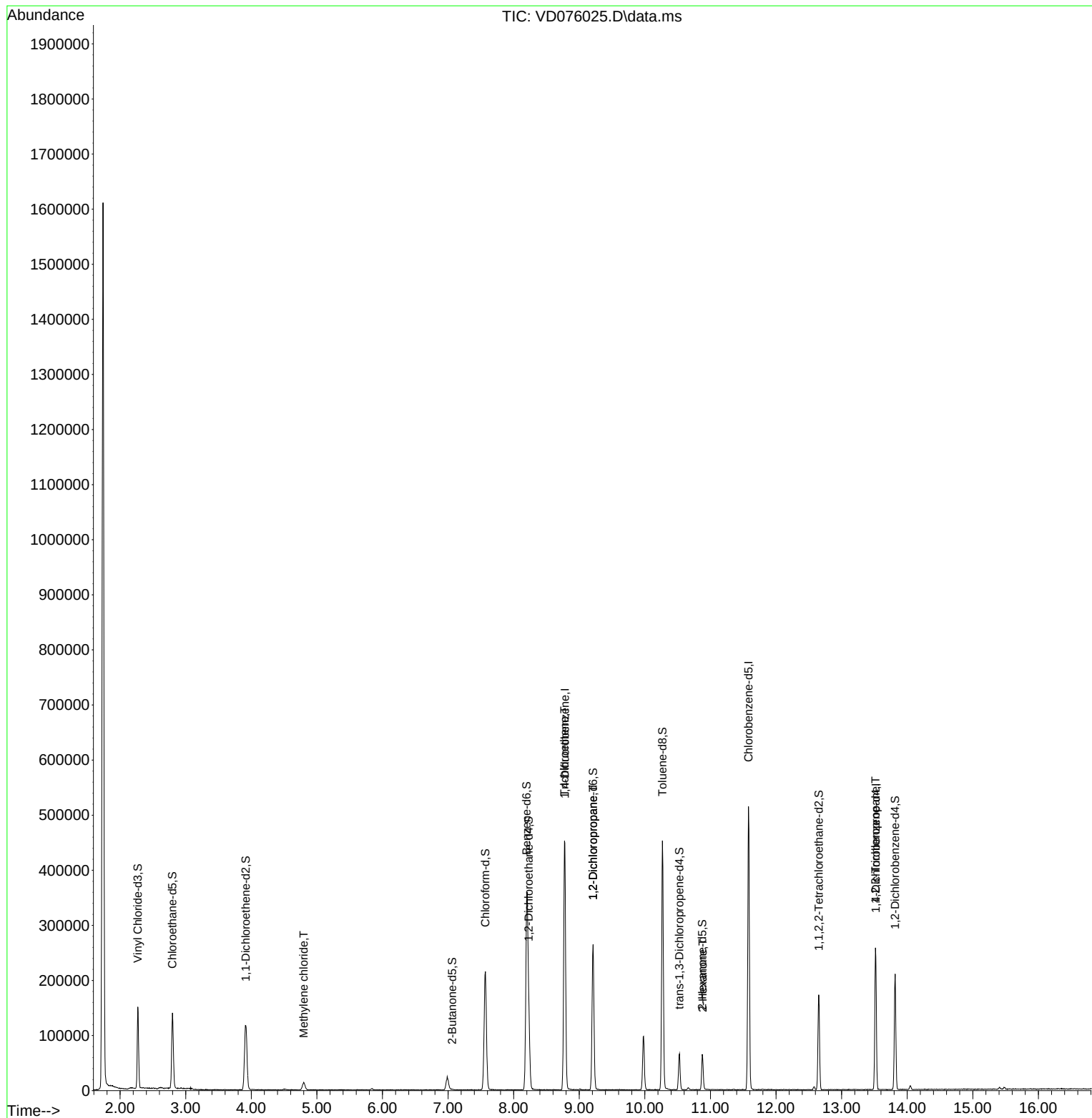
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	444959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	327953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	78215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	138736	14.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.840%
7) Chloroethane-d5	2.799	69	147324	17.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.880%
11) 1,1-Dichloroethene-d2	3.916	65	34803	15.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.880%
21) 2-Butanone-d5	7.063	46	538	0.635	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.260%#
24) Chloroform-d	7.569	84	229030	20.583	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.320%
26) 1,2-Dichloroethane-d4	8.228	65	95640	20.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.520%
32) Benzene-d6	8.199	84	406844	21.284	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.210	67	138825	26.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.960%
41) Toluene-d8	10.269	98	331094	18.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	10.528	79	40955	18.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.920%
47) 2-Hexanone-d5	10.875	63	23772	37.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93108	22.998	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	60881	22.006	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	10943	1.212	ug/L	97
34) Trichloroethene	8.775	95	11242	2.191	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	13379	2.936	ug/L #	85
48) 2-Hexanone	10.881	43	2460	2.100	ug/L #	39
61) 1,2,3-Trichloropropane	13.516	75	8246	6.711	ug/L #	62

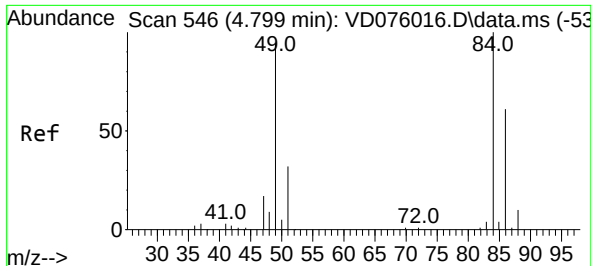
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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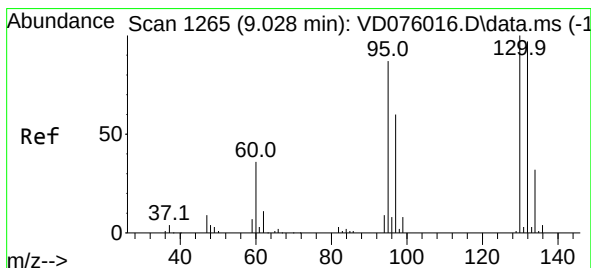
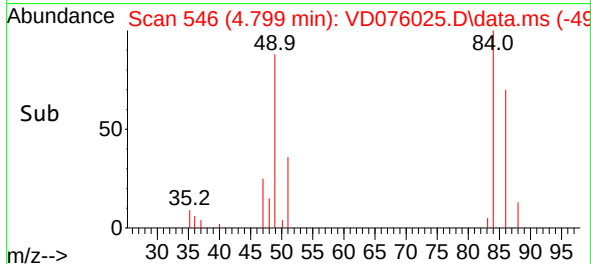
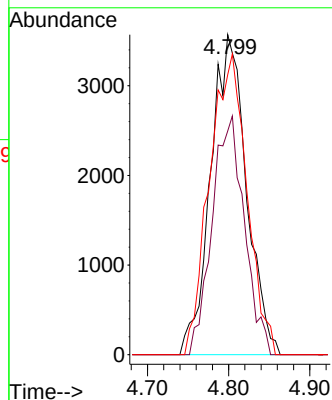
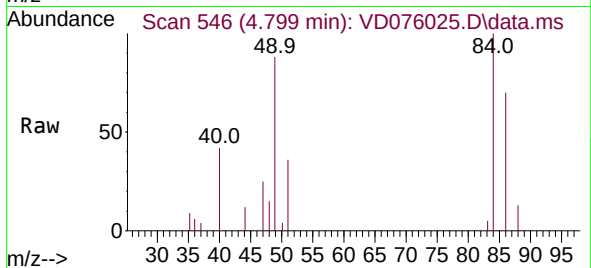




#16
Methylene chloride
Concen: 1.212 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076025.D
Acq: 05 May 2023 15:03

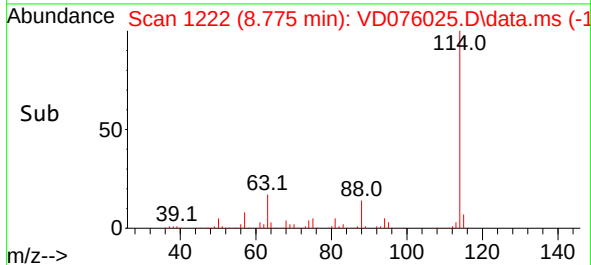
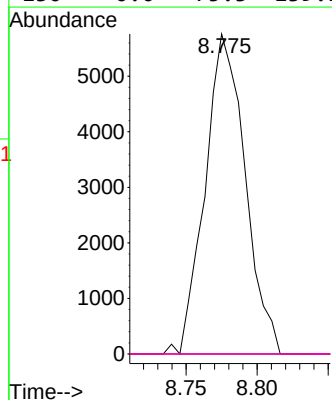
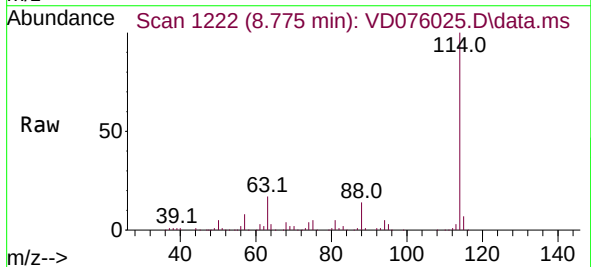
Instrument :
MSVOA_D
ClientSampleId :
JREC6

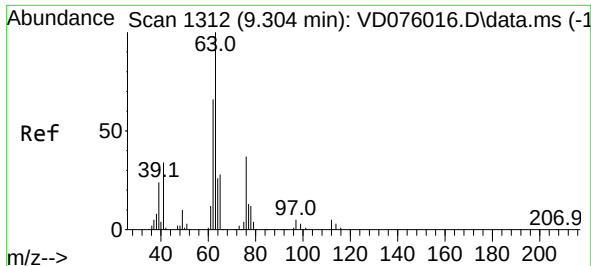
Tgt Ion: 84 Resp: 10943
Ion Ratio Lower Upper
84 100
86 69.9 45.8 85.2
49 87.5 60.8 112.8



#34
Trichloroethene
Concen: 2.191 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076025.D
Acq: 05 May 2023 15:03

Tgt Ion: 95 Resp: 11242
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#





#37

1,2-Dichloropropane

Concen: 2.936 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD076025.D

Acq: 05 May 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

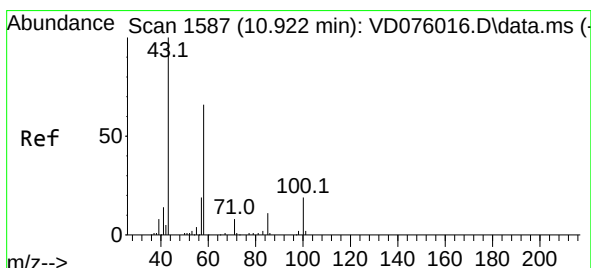
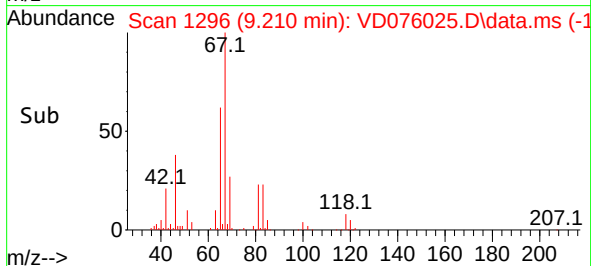
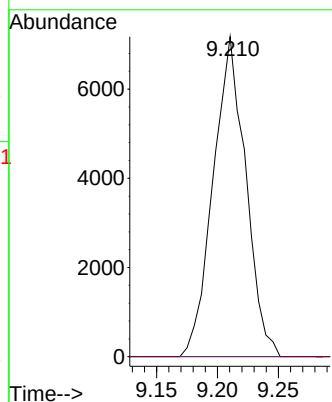
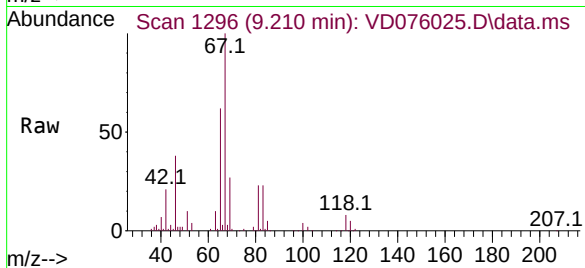
JREC6

Tgt Ion: 63 Resp: 13379

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#48

2-Hexanone

Concen: 2.100 ug/L

RT: 10.881 min Scan# 1580

Delta R.T. -0.041 min

Lab File: VD076025.D

Acq: 05 May 2023 15:03

Tgt Ion: 43 Resp: 2460

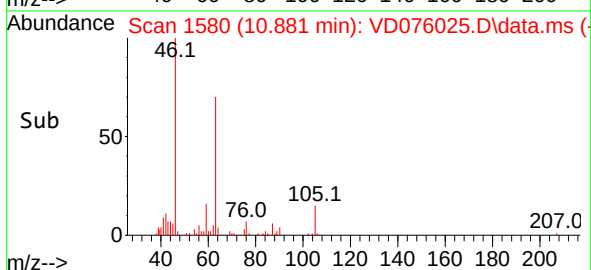
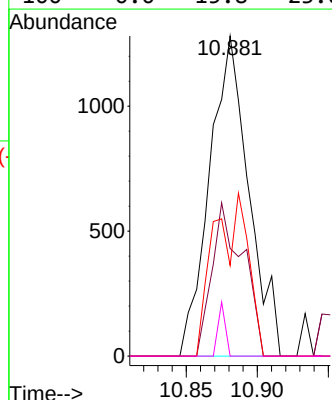
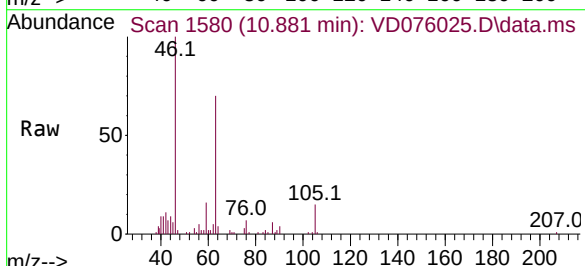
Ion Ratio Lower Upper

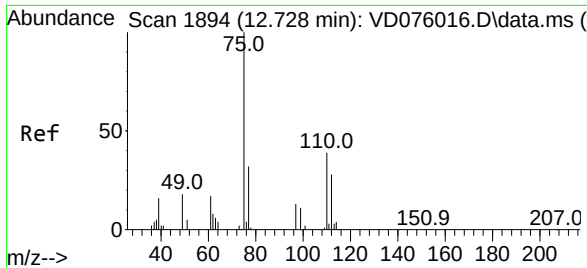
43 100

58 4.8 59.7 89.5#

57 19.3 17.9 26.9

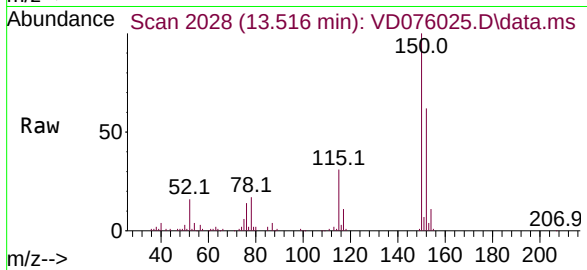
100 0.0 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.711 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076025.D
 Acq: 05 May 2023 15:03

Instrument :
 MSVOA_D
 ClientSampleId :
 JREC6



Tgt Ion:	75	Resp:	8246
Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.6	39.8
110	0.0	33.5	50.3#

