

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077027.D
 Acq On : 25 Aug 2023 20:37
 Operator : JC/SY
 Sample : 04172-14
 Misc : 3.79G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:57:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

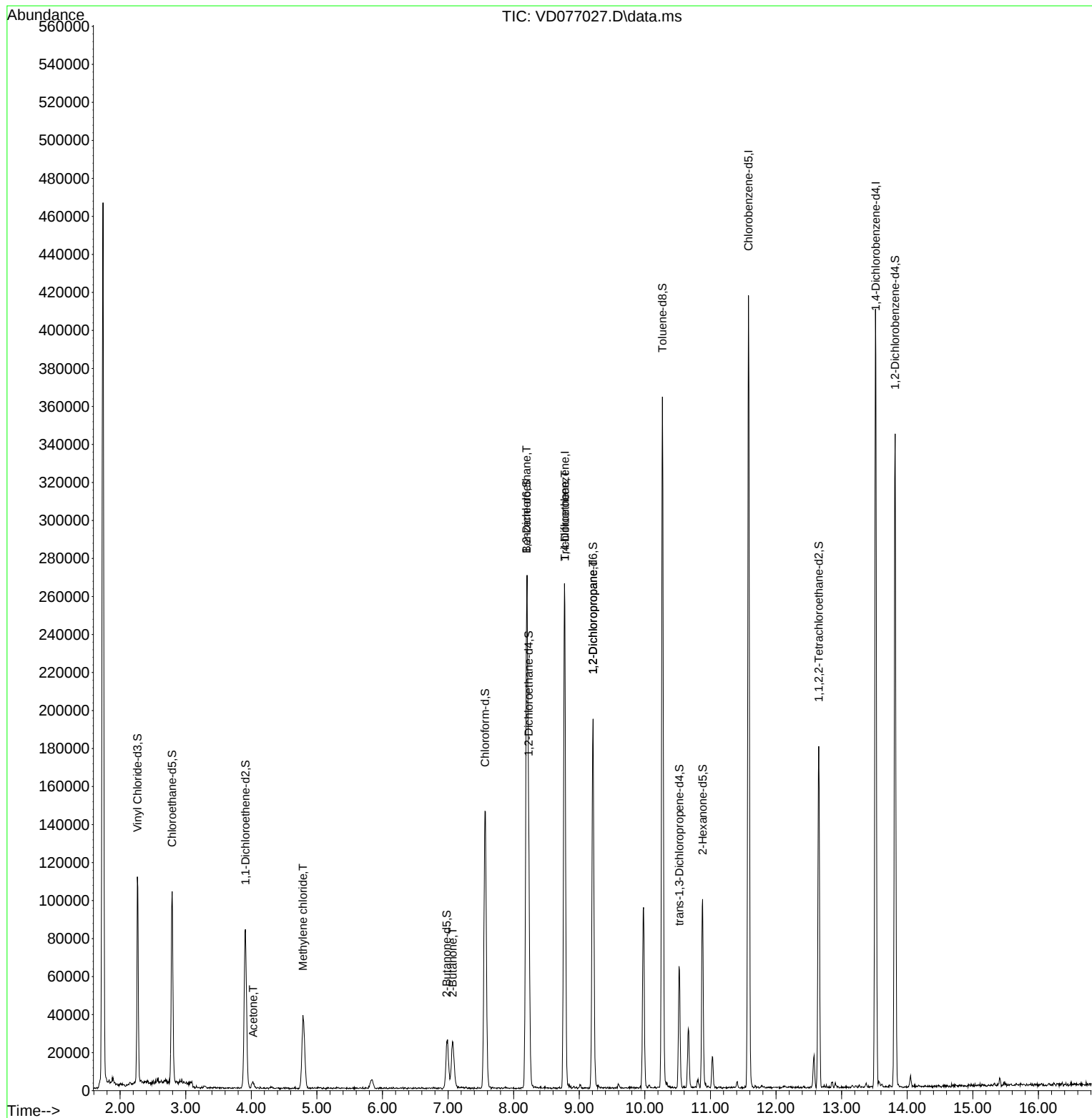
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	251805	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	256429	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	115082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.263	65	95346	13.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.080%
7) Chloroethane-d5	2.793	69	103811	16.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.880%
11) 1,1-Dichloroethene-d2	3.910	65	24167	14.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.920%
21) 2-Butanone-d5	6.981	46	44698	40.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.400%
24) Chloroform-d	7.563	84	158831	19.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.480%
26) 1,2-Dichloroethane-d4	8.228	65	82575	20.202	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	8.198	84	296113	18.367	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.480%
36) 1,2-Dichloropropane-d6	9.210	67	96400	19.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.800%
41) Toluene-d8	10.269	98	262588	17.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.040%
43) trans-1,3-Dichloroprop...	10.528	79	38329	17.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.400%
47) 2-Hexanone-d5	10.881	63	34736	36.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96294	20.104	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	95948	22.805	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.240%
Target Compounds	Qvalue					
13) Acetone	4.028	43	3826	3.365	ug/L	71
16) Methylene chloride	4.787	84	31104	5.889	ug/L #	72
22) 2-Butanone	7.069	43	1284	0.807	ug/L	86
27) 1,2-Dichloroethane	8.198	62	1448	0.301	ug/L #	71
34) Trichloroethene	8.781	95	7142	1.632	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	10051	2.354	ug/L #	88

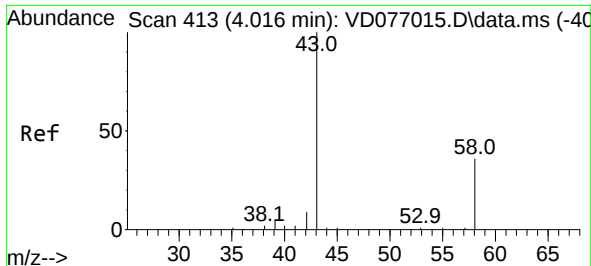
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.365 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

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Acq: 25 Aug 2023 20:37

Instrument :

MSVOA_D

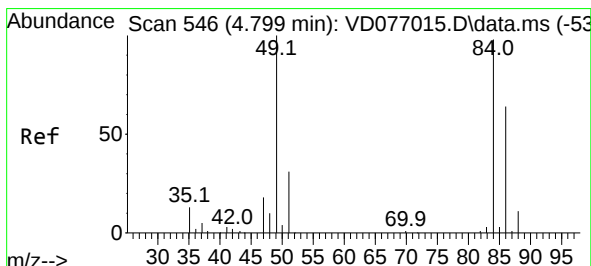
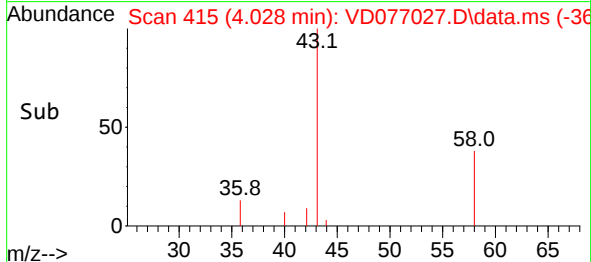
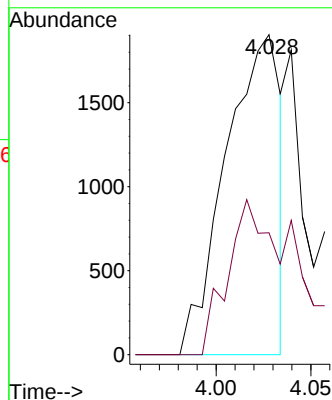
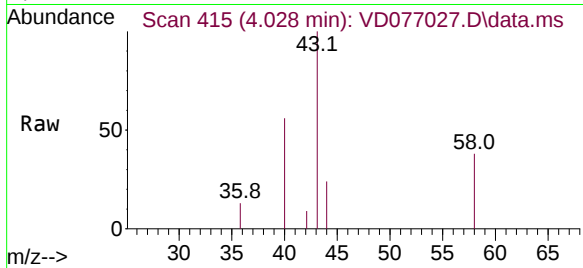
ClientSampleId :

Tgt Ion: 43 Resp: 3826

Ion Ratio Lower Upper

43 100

58 17.0 0.0 67.4



#16

Methylene chloride

Concen: 5.889 ug/L

RT: 4.787 min Scan# 544

Delta R.T. -0.012 min

Lab File: VD077027.D

Acq: 25 Aug 2023 20:37

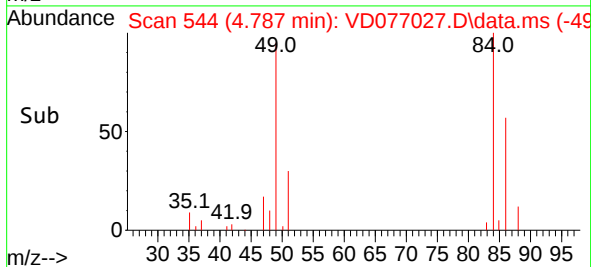
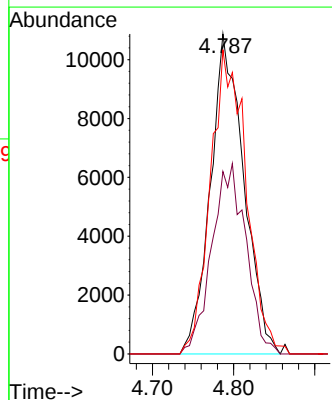
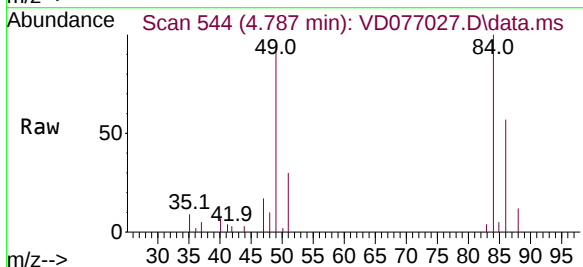
Tgt Ion: 84 Resp: 31104

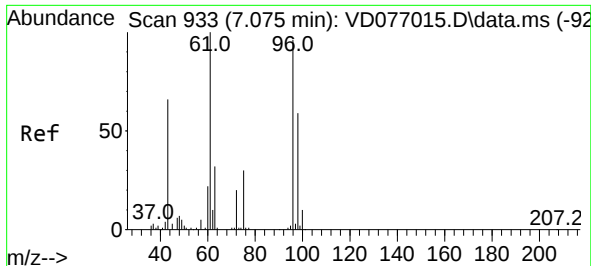
Ion Ratio Lower Upper

84 100

86 57.0 45.1 83.9

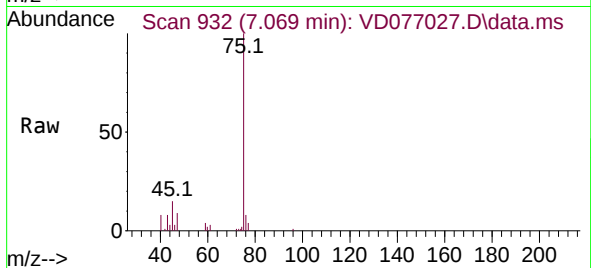
49 95.1 97.2 180.6#



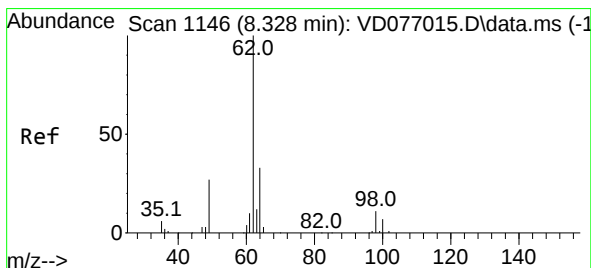
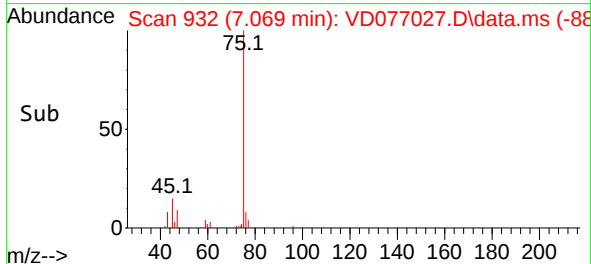
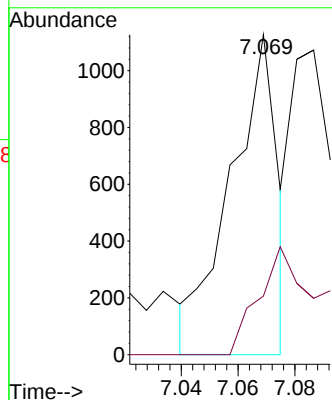


#22
2-Butanone
Concen: 0.807 ug/L
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077027.D
Acq: 25 Aug 2023 20:37

Instrument :
MSVOA_D
ClientSampleId :

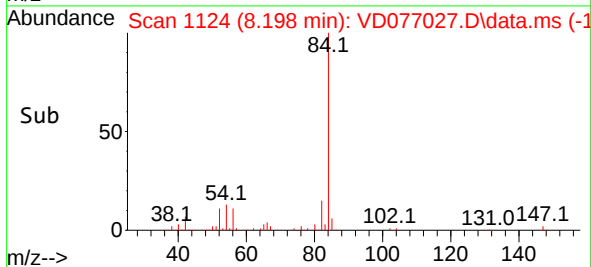
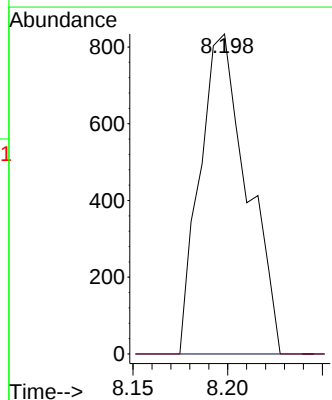
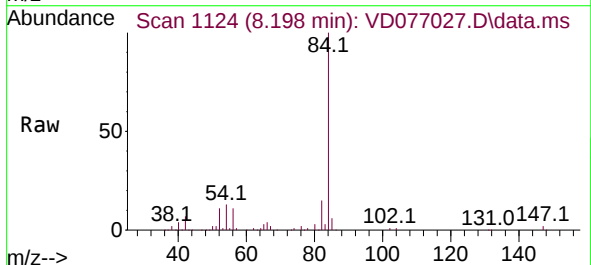


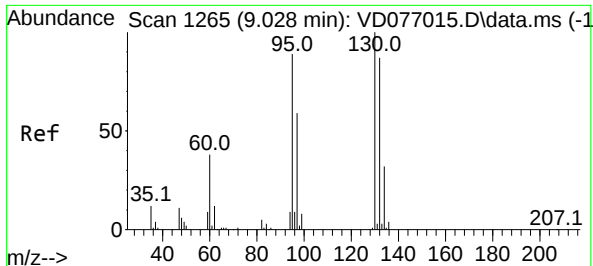
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
72 32.9 12.9 38.7



#27
1,2-Dichloroethane
Concen: 0.301 ug/L
RT: 8.198 min Scan# 1124
Delta R.T. -0.130 min
Lab File: VD077027.D
Acq: 25 Aug 2023 20:37

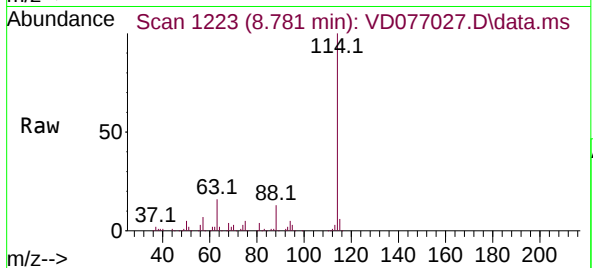
Tgt Ion: 62 Resp: 1448
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



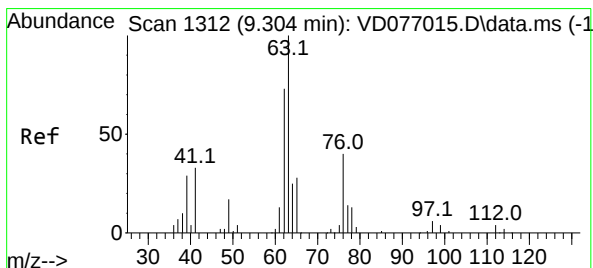
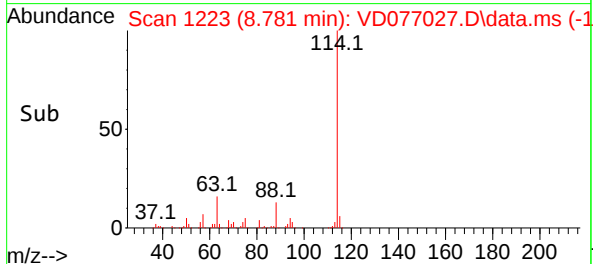
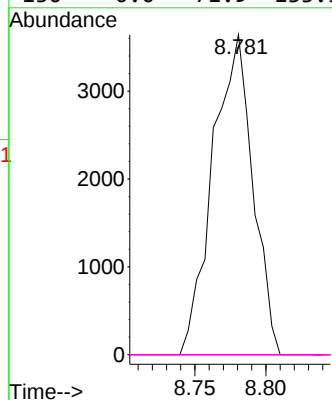


#34
 Trichloroethene
 Concen: 1.632 ug/L
 RT: 8.781 min Scan# 11
 Delta R.T. -0.247 min
 Lab File: VD077027.D
 Acq: 25 Aug 2023 20:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 7142
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.1 80.1#
 132 0.0 71.8 133.4#
 130 0.0 71.9 133.5#



#37
 1,2-Dichloropropane
 Concen: 2.354 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD077027.D
 Acq: 25 Aug 2023 20:37

Tgt Ion: 63 Resp: 10051
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

