

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077728.D
 Acq On : 01 Dec 2023 17:06
 Operator : JC/SY
 Sample : 04929-10RE
 Misc : 4.04G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 04 03:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 04 03:09:24 2023
 Response via : Initial Calibration

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

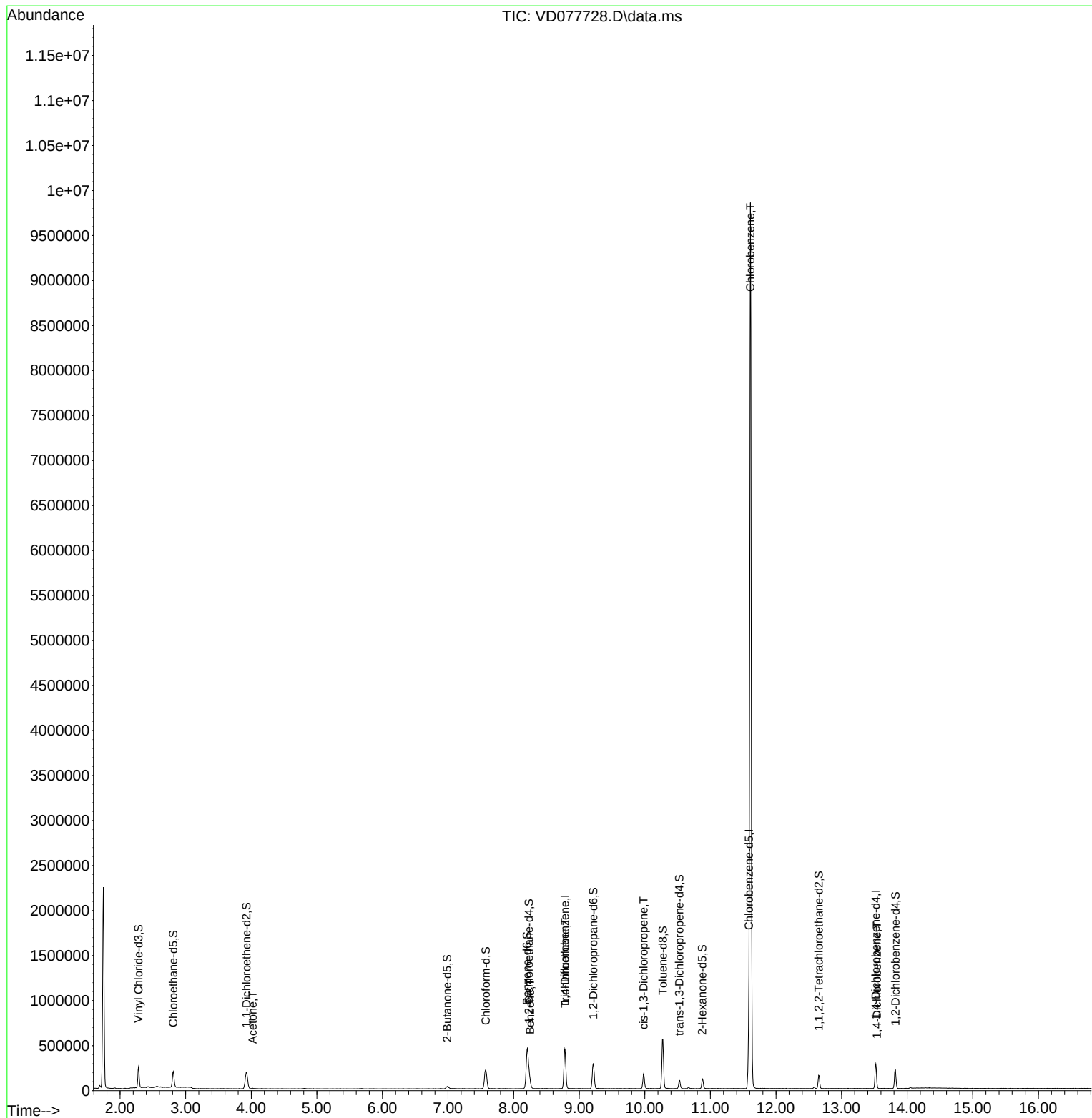
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	381217	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	315341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	71829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	209494	20.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
7) Chloroethane-d5	2.811	69	176502	21.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	3.928	65	55390	20.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.200%
21) 2-Butanone-d5	6.987	46	47209	35.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.860%
24) Chloroform-d	7.575	84	223150	21.719	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	8.234	65	112916	21.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.760%
32) Benzene-d6	8.204	84	466638	24.570	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.280%
36) 1,2-Dichloropropane-d6	9.216	67	146284	25.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.275	98	386862	22.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	10.528	79	53536	20.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.560%
47) 2-Hexanone-d5	10.875	63	38218	38.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.540%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77196	18.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.760%
66) 1,2-Dichlorobenzene-d4	13.822	152	58828	22.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.560%
Target Compounds						Qvalue
13) Acetone	4.022	43	3977	2.362	ug/L	52
33) Benzene	8.252	78	21487	1.047	ug/L	100
34) Trichloroethene	8.787	95	10469	2.055	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	4453	0.533	ug/L #	55
51) Chlorobenzene	11.610	112	5093197	376.772	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	2202	0.458	ug/L	93

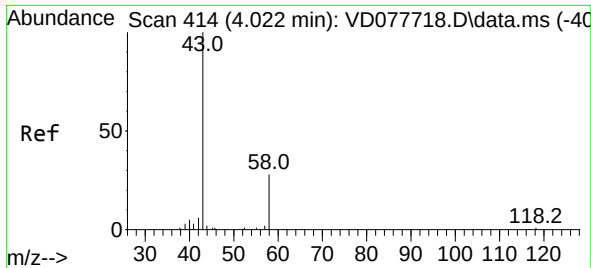
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 04 03:09:24 2023
Response via : Initial Calibration

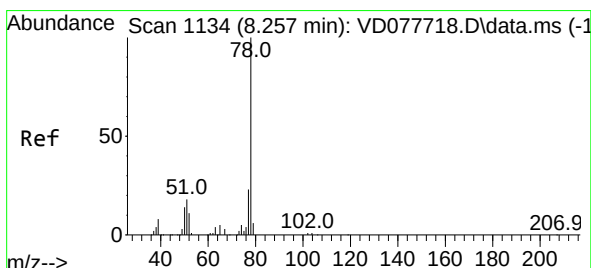
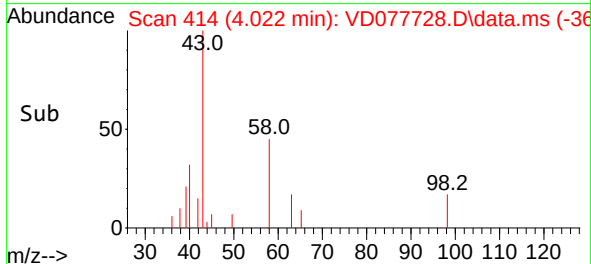
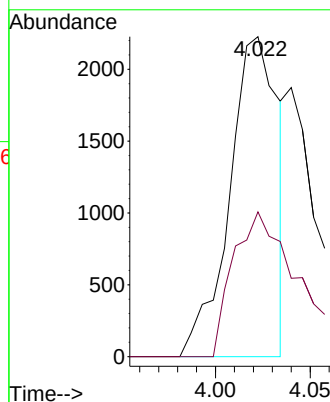
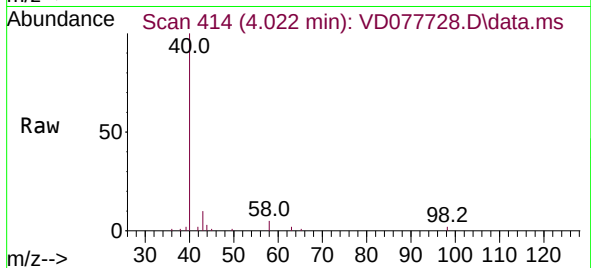




#13
Acetone
Concen: 2.362 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077728.D
Acq: 01 Dec 2023 17:06

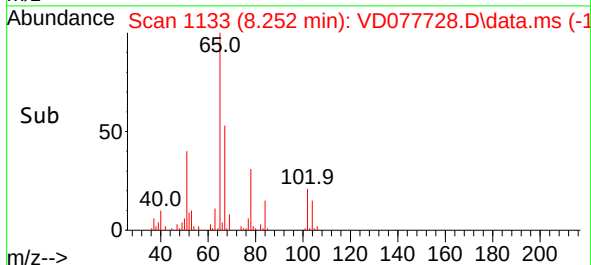
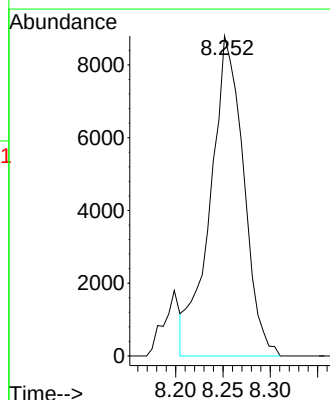
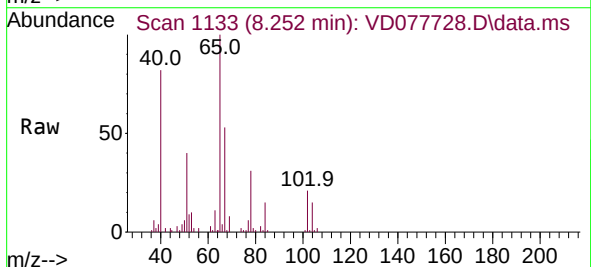
Instrument :
MSVOA_D
ClientSampleId :

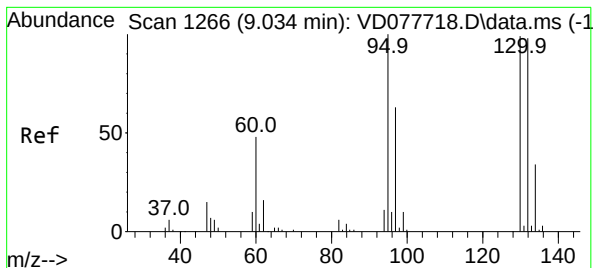
Tgt Ion: 43 Resp: 3977
Ion Ratio Lower Upper
43 100
58 61.0 0.0 67.2



#33
Benzene
Concen: 1.047 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077728.D
Acq: 01 Dec 2023 17:06

Tgt Ion: 78 Resp: 21487





#34

Trichloroethene

Concen: 2.055 ug/L

RT: 8.787 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD077728.D

Acq: 01 Dec 2023 17:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 10469

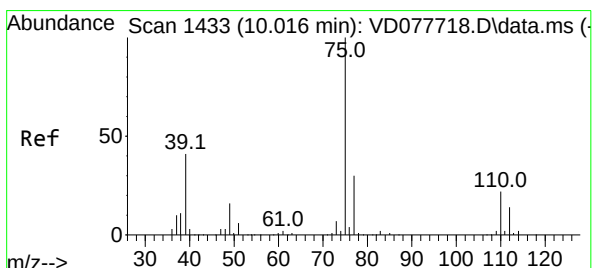
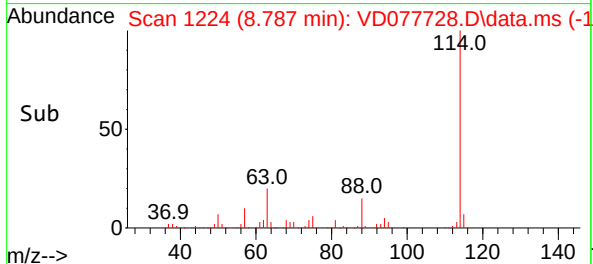
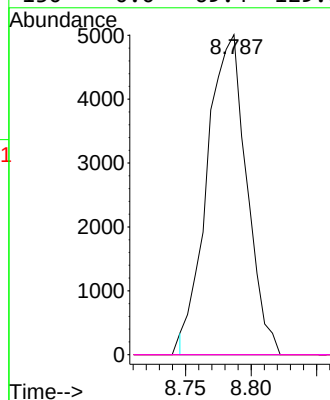
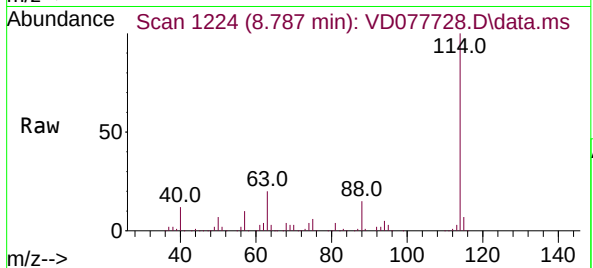
Ion Ratio Lower Upper

95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#



#39

cis-1,3-Dichloropropene

Concen: 0.533 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077728.D

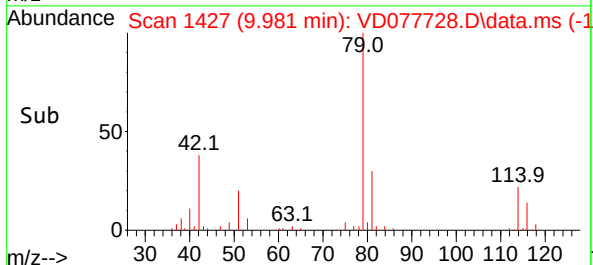
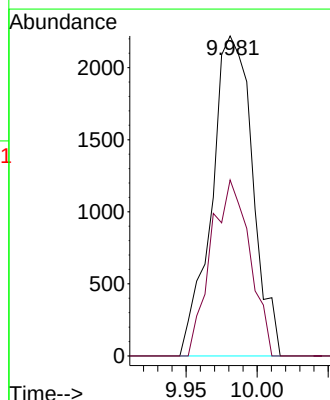
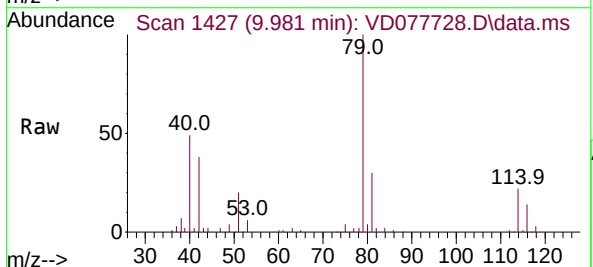
Acq: 01 Dec 2023 17:06

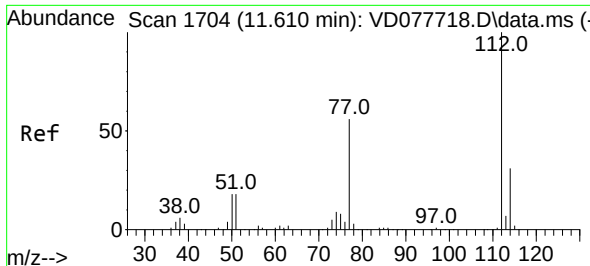
Tgt Ion: 75 Resp: 4453

Ion Ratio Lower Upper

75 100

77 55.0 21.2 39.4#

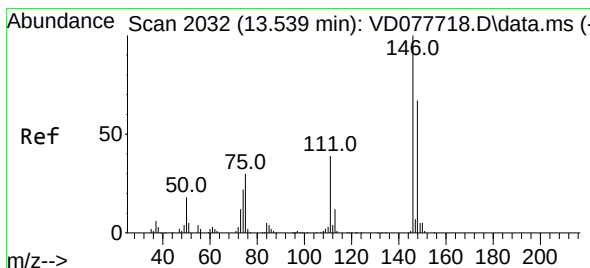
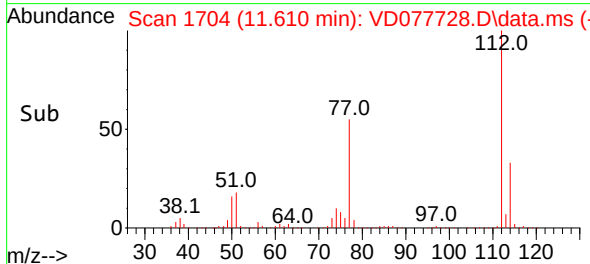
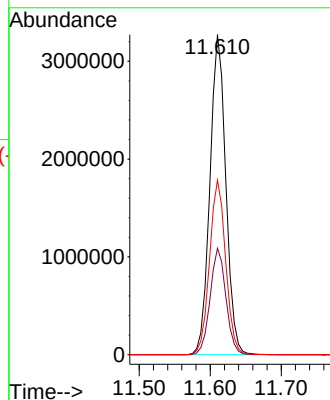
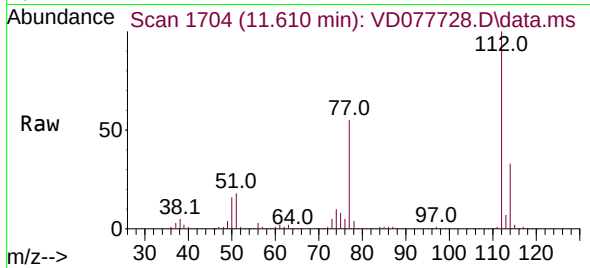




#51
Chlorobenzene
Concen: 376.772 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077728.D
Acq: 01 Dec 2023 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 5093197
Ion Ratio Lower Upper
112 100
114 33.2 22.5 41.9
77 54.5 46.4 69.6



#65
1,4-Dichlorobenzene
Concen: 0.458 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077728.D
Acq: 01 Dec 2023 17:06

Tgt Ion:146 Resp: 2202
Ion Ratio Lower Upper
146 100
111 31.8 26.4 49.0
148 59.0 44.0 81.8

