

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077181.D
 Acq On : 21 Sep 2023 15:26
 Operator : JC/SY
 Sample : 04469-04
 Misc : 5.33G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:32:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

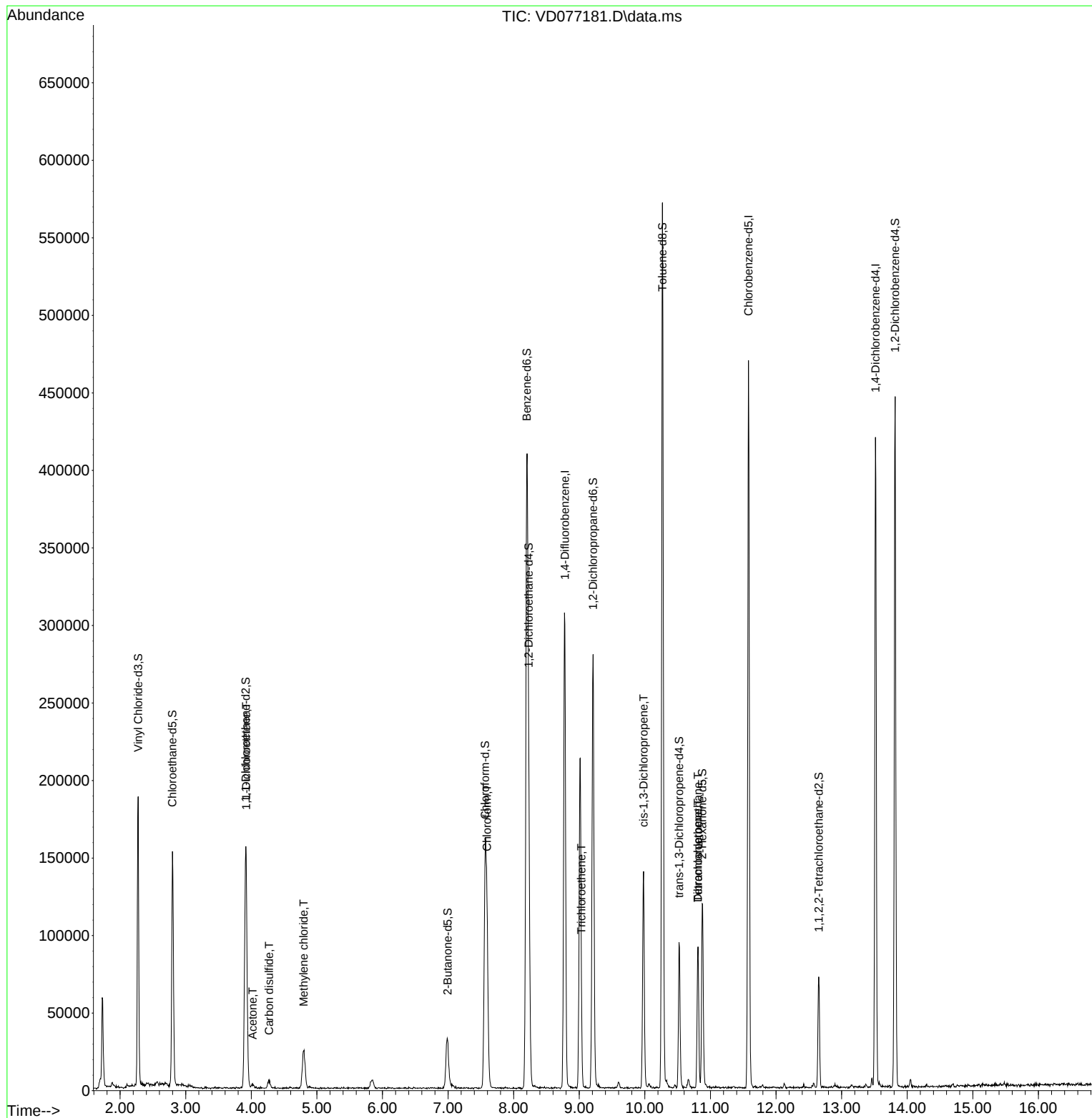
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	286419	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	117970	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	172007	24.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.480%
7) Chloroethane-d5	2.799	69	153487	26.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	3.916	65	42913	26.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.080%
21) 2-Butanone-d5	6.993	46	56214	63.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.460%
24) Chloroform-d	7.563	84	151709	19.357	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.440%
26) 1,2-Dichloroethane-d4	8.228	65	120640	32.477	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.920%
32) Benzene-d6	8.198	84	455651	29.317	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.280%
36) 1,2-Dichloropropane-d6	9.210	67	145463	32.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.560%#
41) Toluene-d8	10.269	98	397054	27.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.640%
43) trans-1,3-Dichloroprop...	10.522	79	55325	27.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.960%
47) 2-Hexanone-d5	10.875	63	42520	59.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	38374	9.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	38.640%#
66) 1,2-Dichlorobenzene-d4	13.816	152	119211	31.483	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.920%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	977	0.254	ug/L #	1
13) Acetone	4.022	43	3204	2.512	ug/L	100
14) Carbon disulfide	4.269	76	6561	0.527	ug/L	96
16) Methylene chloride	4.799	84	19935	3.420	ug/L	94
25) Chloroform	7.593	83	79730	10.113	ug/L	94
34) Trichloroethene	9.034	95	2733	0.610	ug/L #	71
39) cis-1,3-Dichloropropene	9.981	75	4180	0.617	ug/L #	79
46) Tetrachloroethene	10.810	164	22025	6.011	ug/L	90
49) Dibromochloromethane	10.810	129	18892	4.483	ug/L #	9

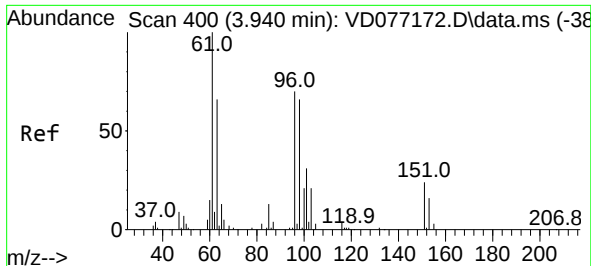
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.254 ug/L

RT: 3.922 min Scan# 397

Delta R.T. -0.018 min

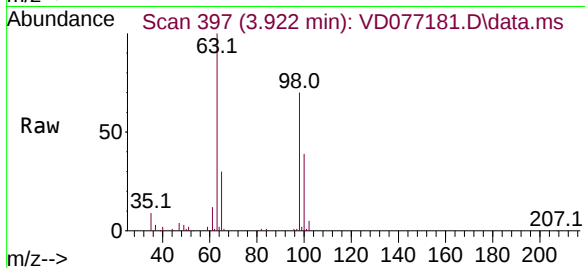
Lab File: VD077181.D

Acq: 21 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :



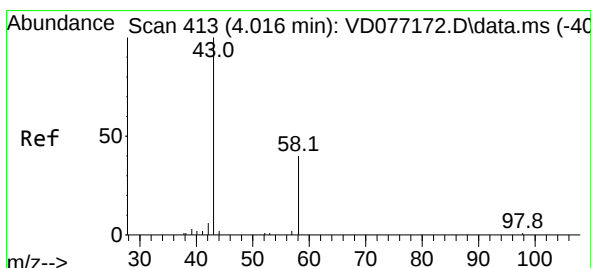
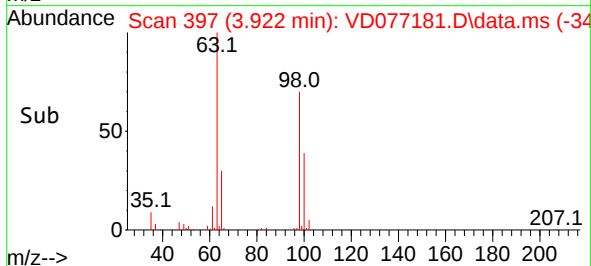
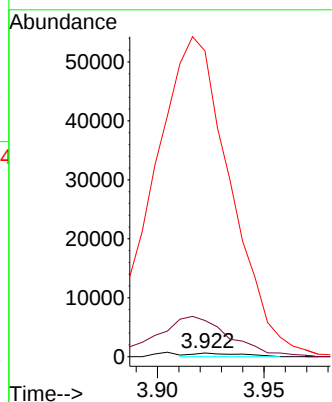
Tgt Ion: 96 Resp: 977

Ion Ratio Lower Upper

96 100

61 992.1 95.5 177.3#

63 8380.0 68.6 127.4#



#13

Acetone

Concen: 2.512 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD077181.D

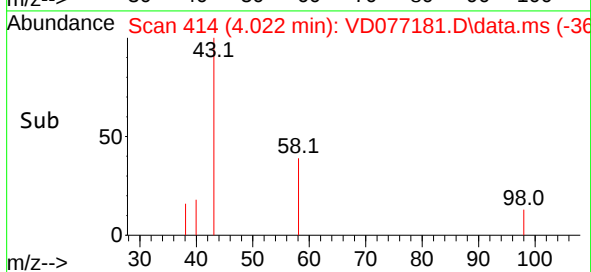
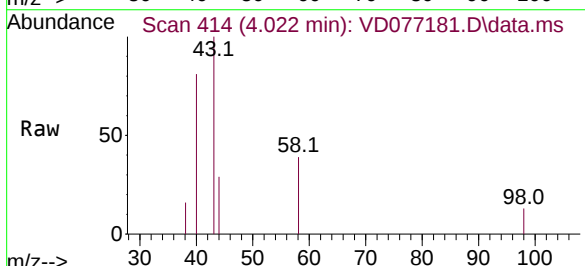
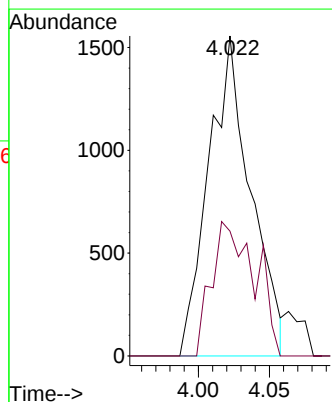
Acq: 21 Sep 2023 15:26

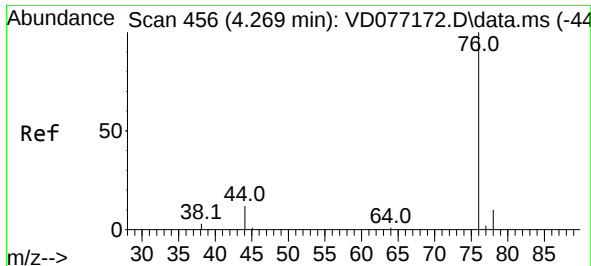
Tgt Ion: 43 Resp: 3204

Ion Ratio Lower Upper

43 100

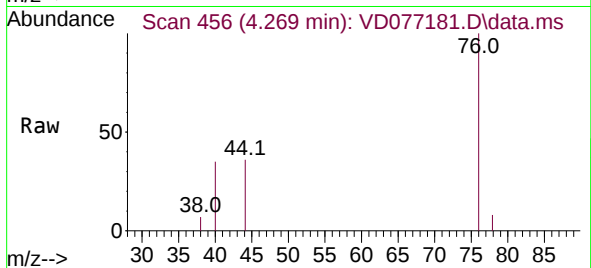
58 35.6 0.0 71.8



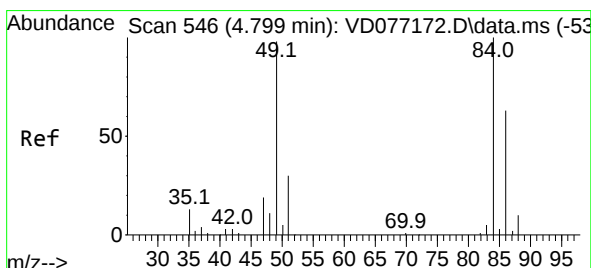
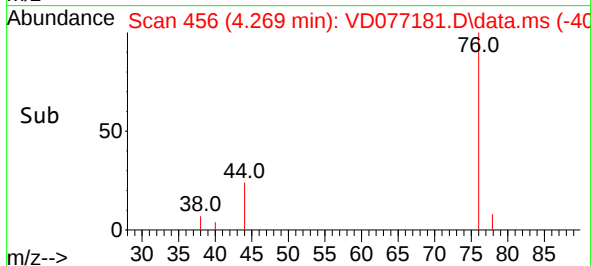
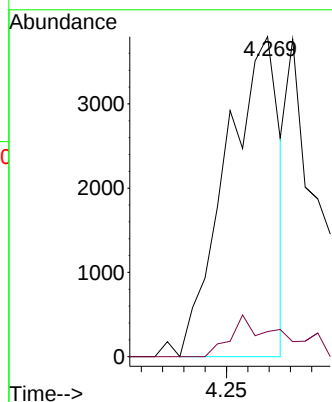


#14
Carbon disulfide
Concen: 0.527 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077181.D
Acq: 21 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

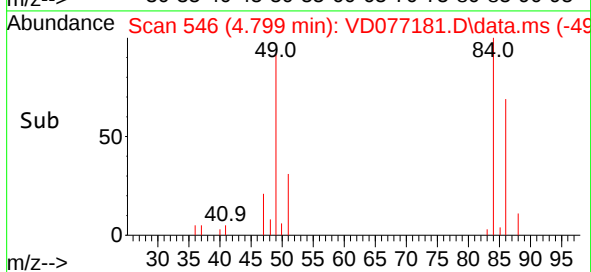
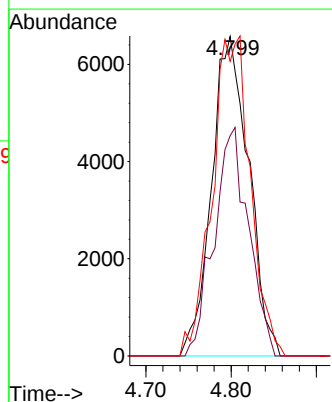
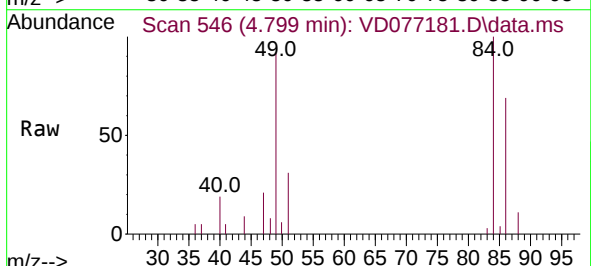


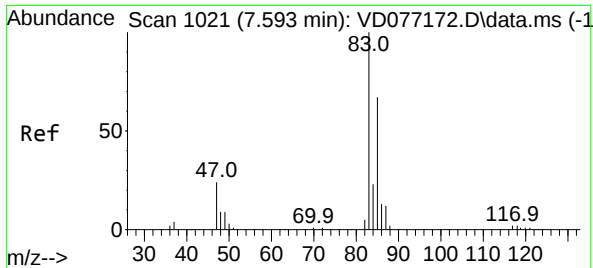
Tgt Ion: 76 Resp: 6561
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#16
Methylene chloride
Concen: 3.420 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077181.D
Acq: 21 Sep 2023 15:26

Tgt Ion: 84 Resp: 19935
Ion Ratio Lower Upper
84 100
86 68.9 45.3 84.1
49 92.2 69.2 128.6

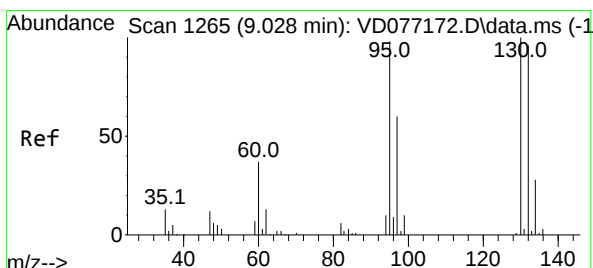
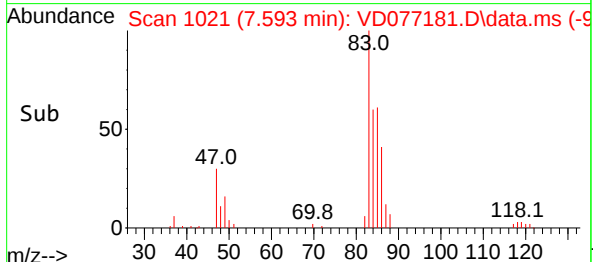
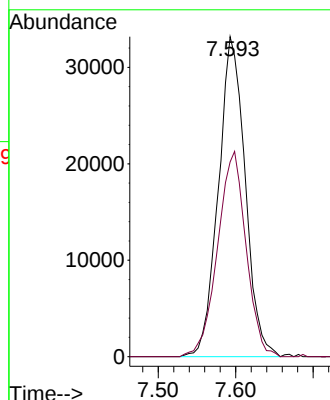
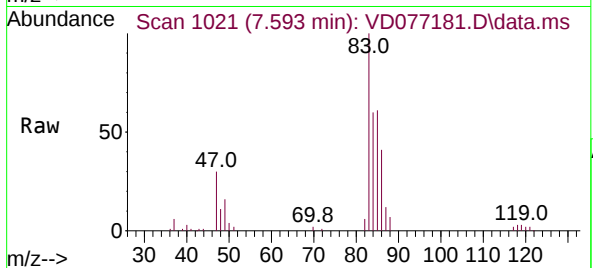




#25
Chloroform
Concen: 10.113 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077181.D
Acq: 21 Sep 2023 15:26

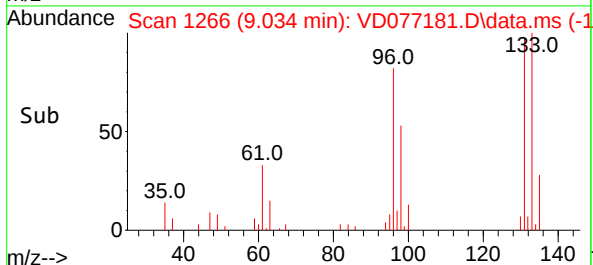
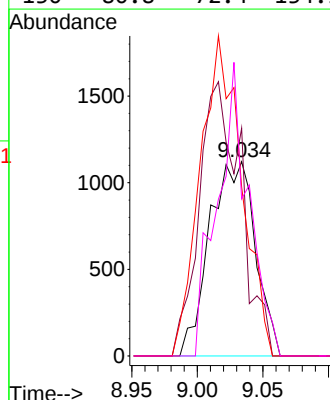
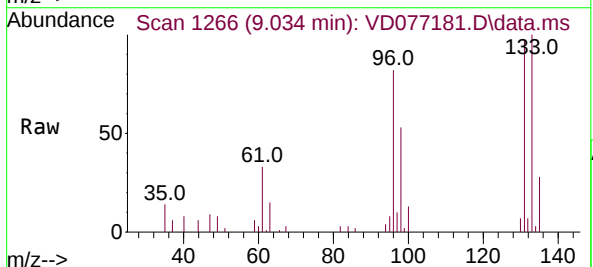
Instrument :
MSVOA_D
ClientSampleId :

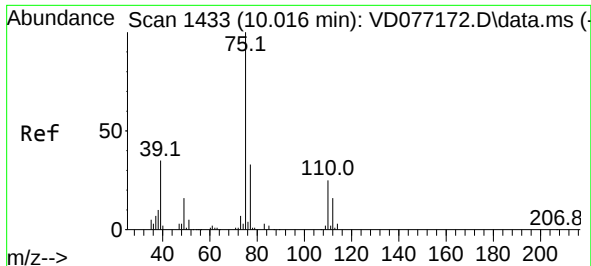
Tgt Ion: 83 Resp: 79730
Ion Ratio Lower Upper
83 100
85 60.9 46.2 85.8



#34
Trichloroethene
Concen: 0.610 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077181.D
Acq: 21 Sep 2023 15:26

Tgt Ion: 95 Resp: 2733
Ion Ratio Lower Upper
95 100
97 117.3 46.4 86.2#
132 87.1 70.1 130.1
130 80.8 72.4 134.5

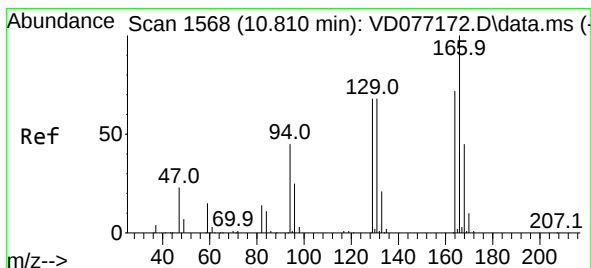
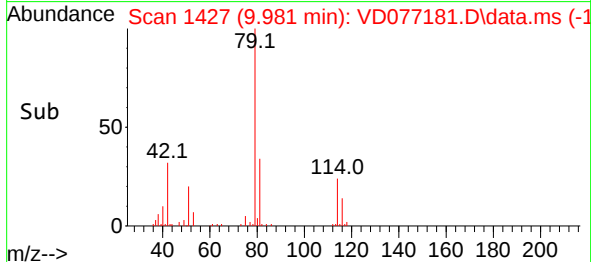
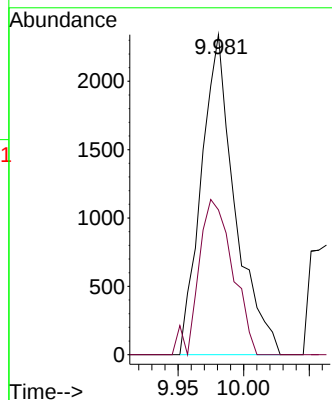
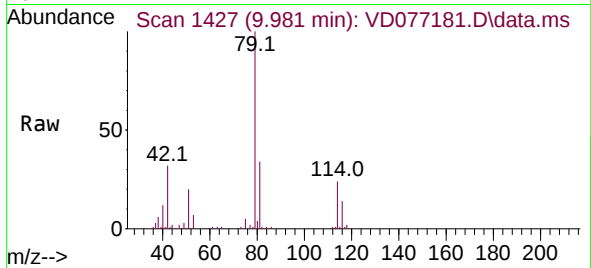




#39
cis-1,3-Dichloropropene
Concen: 0.617 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD077181.D
Acq: 21 Sep 2023 15:26

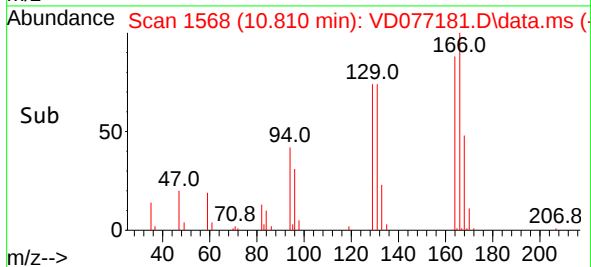
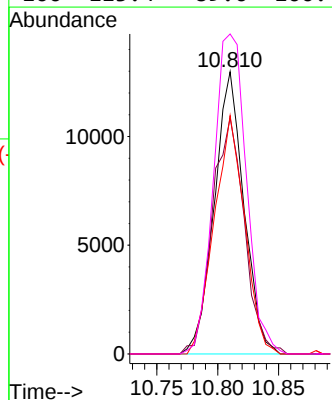
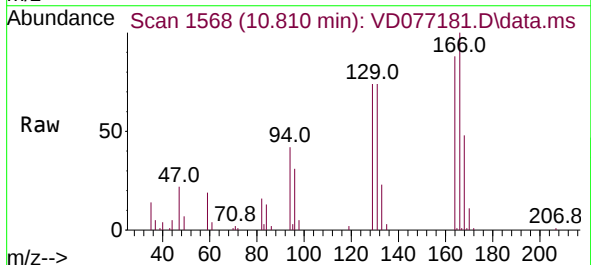
Instrument :
MSVOA_D
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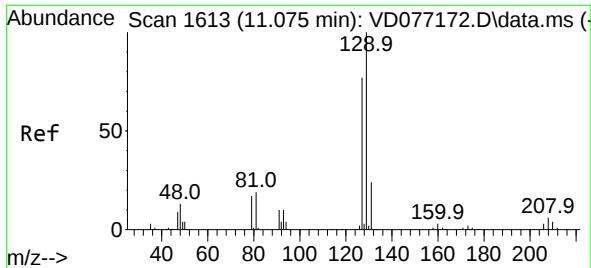
Tgt Ion: 75 Resp: 4180
Ion Ratio Lower Upper
75 100
77 45.3 23.2 43.2#



#46
Tetrachloroethene
Concen: 6.011 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077181.D
Acq: 21 Sep 2023 15:26

Tgt Ion: 164 Resp: 22025
Ion Ratio Lower Upper
164 100
129 83.7 66.4 123.4
131 84.4 62.6 116.3
166 113.4 89.6 166.4





#49

Dibromochloromethane

Concen: 4.483 ug/L

RT: 10.810 min Scan# 11

Delta R.T. -0.265 min

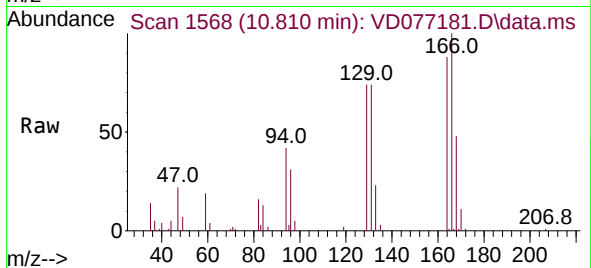
Lab File: VD077181.D

Acq: 21 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:129 Resp: 18892

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#

