

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077558.D
 Acq On : 14 Nov 2023 12:03
 Operator : JC/SY
 Sample : 05296-17
 Misc : 5.88G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

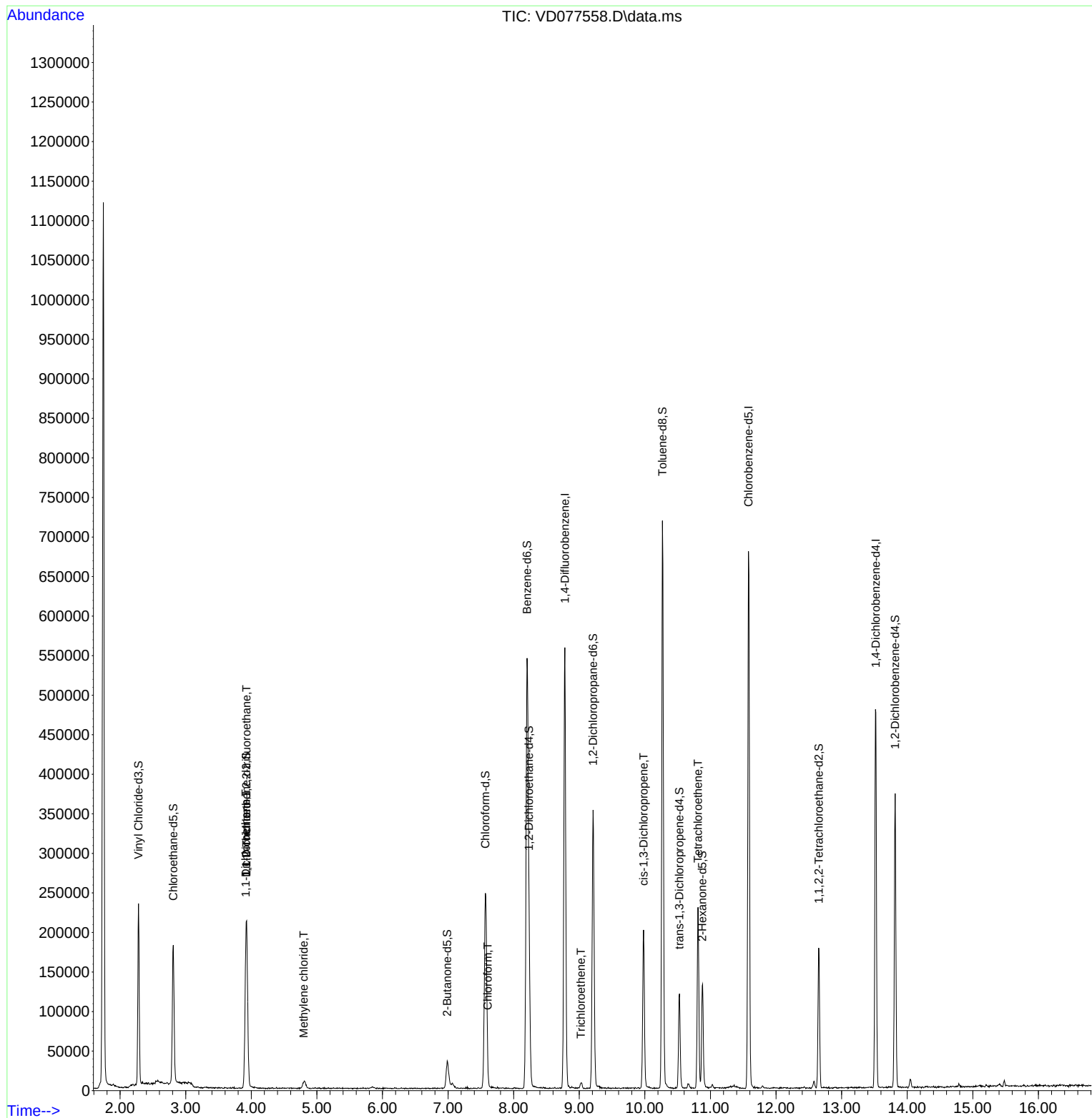
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	451943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	368635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	210404	18.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.200%
7) Chloroethane-d5	2.811	69	177987	19.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.840%
11) 1,1-Dichloroethene-d2	3.922	65	66970	18.838	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%
21) 2-Butanone-d5	6.987	46	62222	31.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.520%
24) Chloroform-d	7.569	84	257524	19.725	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.920%
26) 1,2-Dichloroethane-d4	8.234	65	136079	19.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	8.204	84	550325	23.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.210	67	175531	22.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	10.269	98	468957	21.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	10.528	79	67262	20.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.080%
47) 2-Hexanone-d5	10.875	63	47122	33.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92500	17.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	91003	20.515	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.080%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1774	0.268	ug/L #	21
12) 1,1-Dichloroethene	3.916	96	1711	0.266	ug/L #	1
16) Methylene chloride	4.799	84	3581	0.469	ug/L	86
25) Chloroform	7.604	83	4424	0.355	ug/L	96
34) Trichloroethene	9.028	95	2487	0.393	ug/L #	68
39) cis-1,3-Dichloropropene	9.981	75	5364	0.491	ug/L	98
46) Tetrachloroethene	10.810	164	46802	10.042	ug/L	95

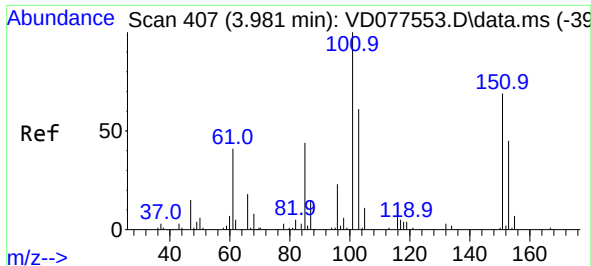
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.268 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.041 min

Lab File: VD077558.D

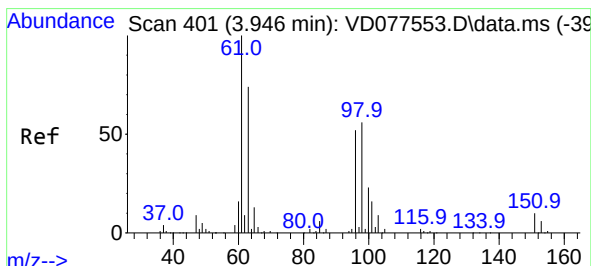
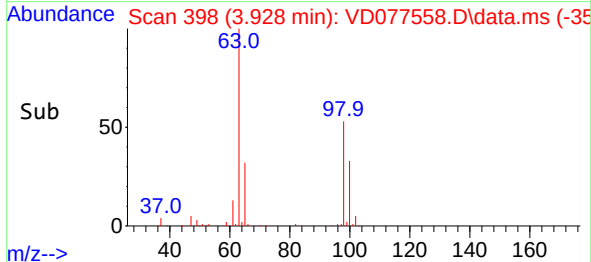
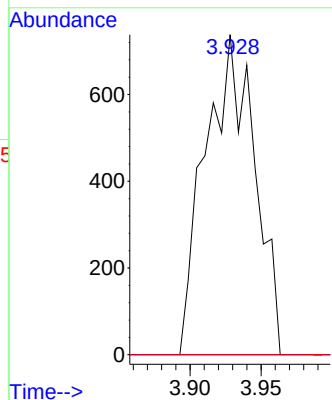
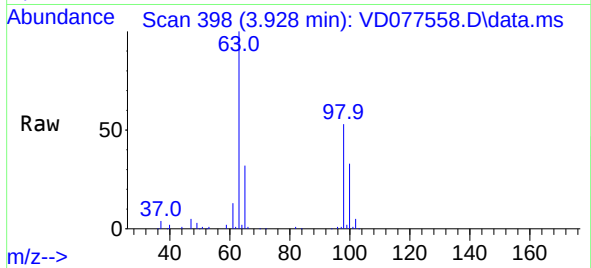
Acq: 14 Nov 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	101	Resp:	1774
Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	56.6	84.8#



#12

1,1-Dichloroethene

Concen: 0.266 ug/L

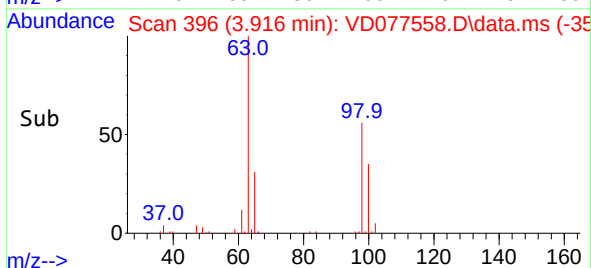
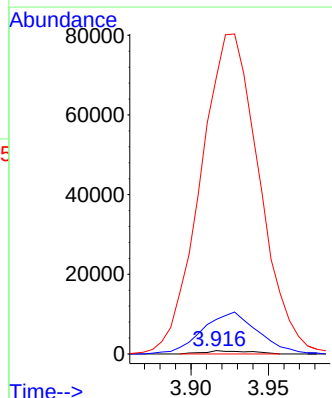
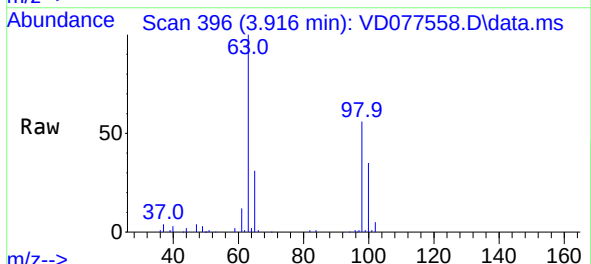
RT: 3.916 min Scan# 396

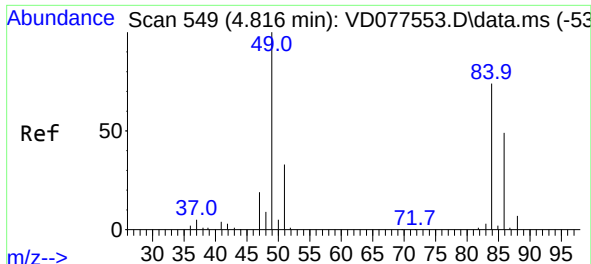
Delta R.T. -0.030 min

Lab File: VD077558.D

Acq: 14 Nov 2023 12:03

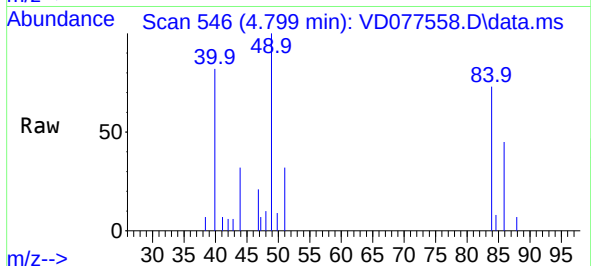
Tgt Ion:	96	Resp:	1711
Ion	Ratio	Lower	Upper
96	100		
61	1011.8	127.5	236.9#
63	8106.4	86.4	160.4#





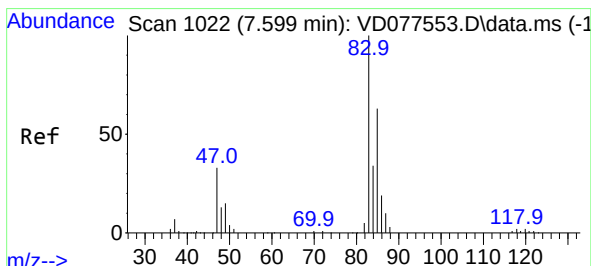
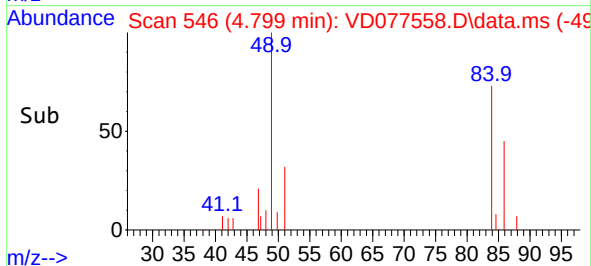
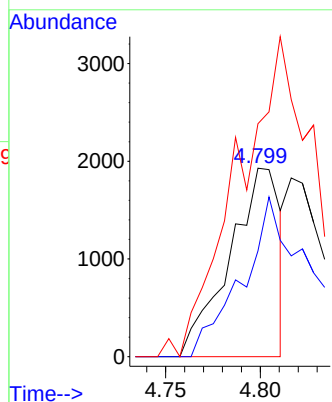
#16
Methylene chloride
Concen: 0.469 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077558.D
Acq: 14 Nov 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 3581

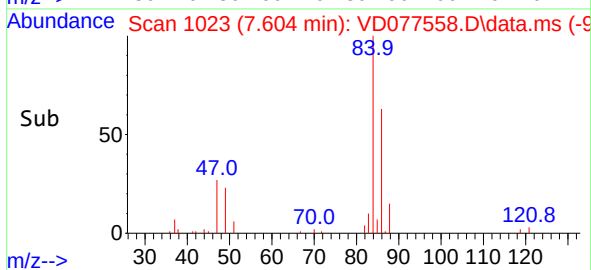
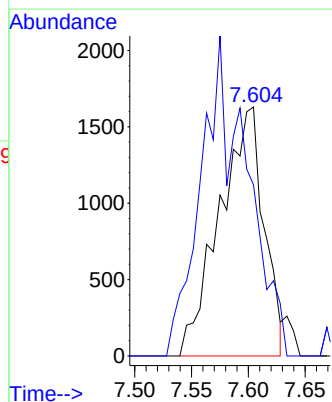
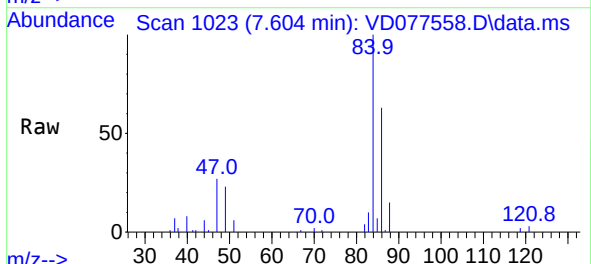
Ion	Ratio	Lower	Upper
84	100		
86	56.1	46.5	86.5
49	123.6	98.3	182.7

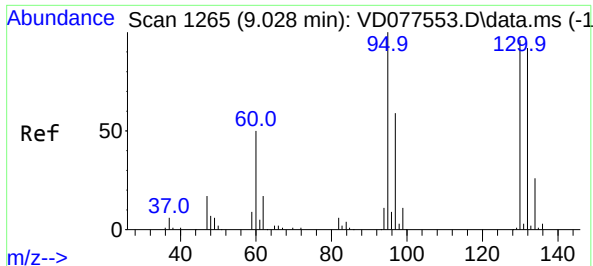


#25
Chloroform
Concen: 0.355 ug/L
RT: 7.604 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD077558.D
Acq: 14 Nov 2023 12:03

Tgt Ion: 83 Resp: 4424

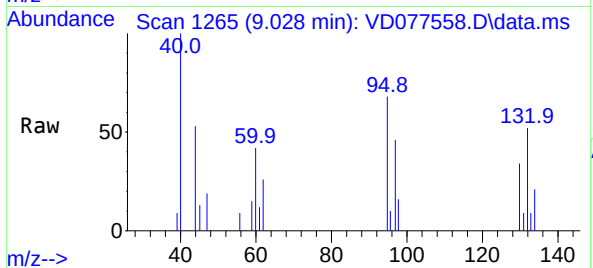
Ion	Ratio	Lower	Upper
83	100		
85	68.8	45.9	85.3



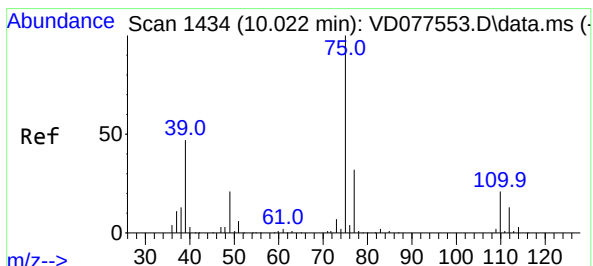
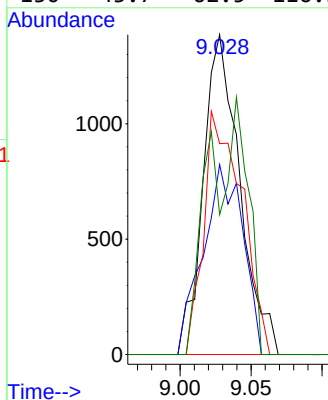
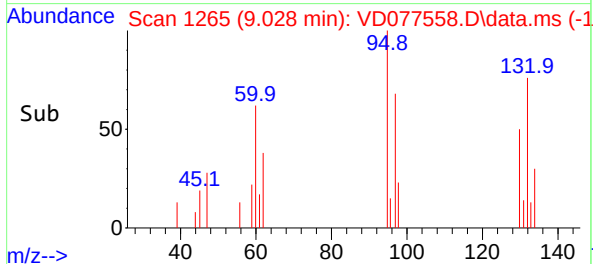


#34
Trichloroethene
Concen: 0.393 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077558.D
Acq: 14 Nov 2023 12:03

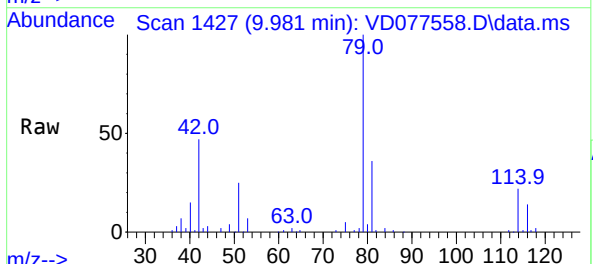
Instrument :
MSVOA_D
ClientSampleId :



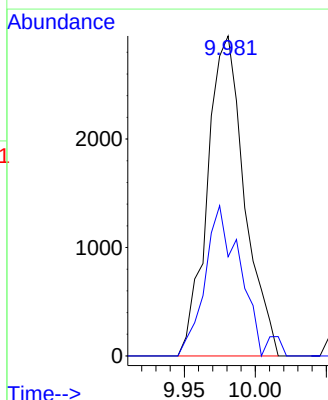
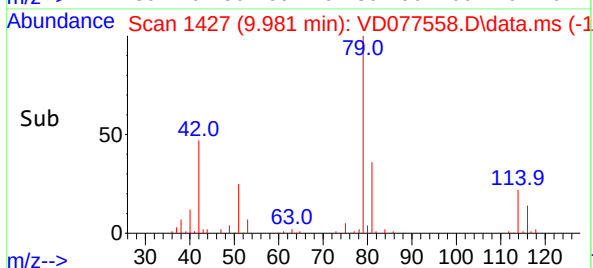
Tgt Ion: 95 Resp: 2487
Ion Ratio Lower Upper
95 100
97 79.7 42.4 78.6#
132 65.9 59.4 110.2
130 43.7 62.5 116.1#

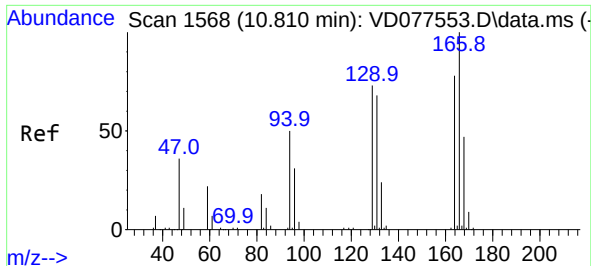


#39
cis-1,3-Dichloropropene
Concen: 0.491 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077558.D
Acq: 14 Nov 2023 12:03



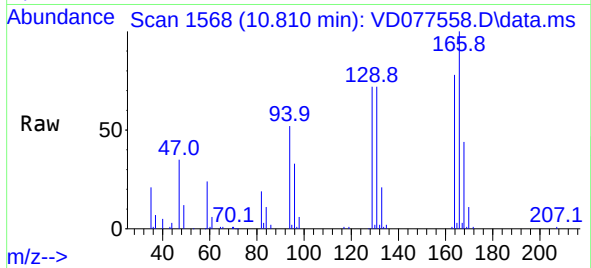
Tgt Ion: 75 Resp: 5364
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.9





#46
 Tetrachloroethene
 Concen: 10.042 ug/L
 RT: 10.810 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD077558.D
 Acq: 14 Nov 2023 12:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	164	Resp:	46802
Ion	Ratio	Lower	Upper
164	100		
129	91.6	60.6	112.6
131	91.5	61.6	114.4
166	127.6	85.4	158.6

