

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077183.D
 Acq On : 21 Sep 2023 16:20
 Operator : JC/SY
 Sample : 04469-08
 Misc : 3.41G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:32:45 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)

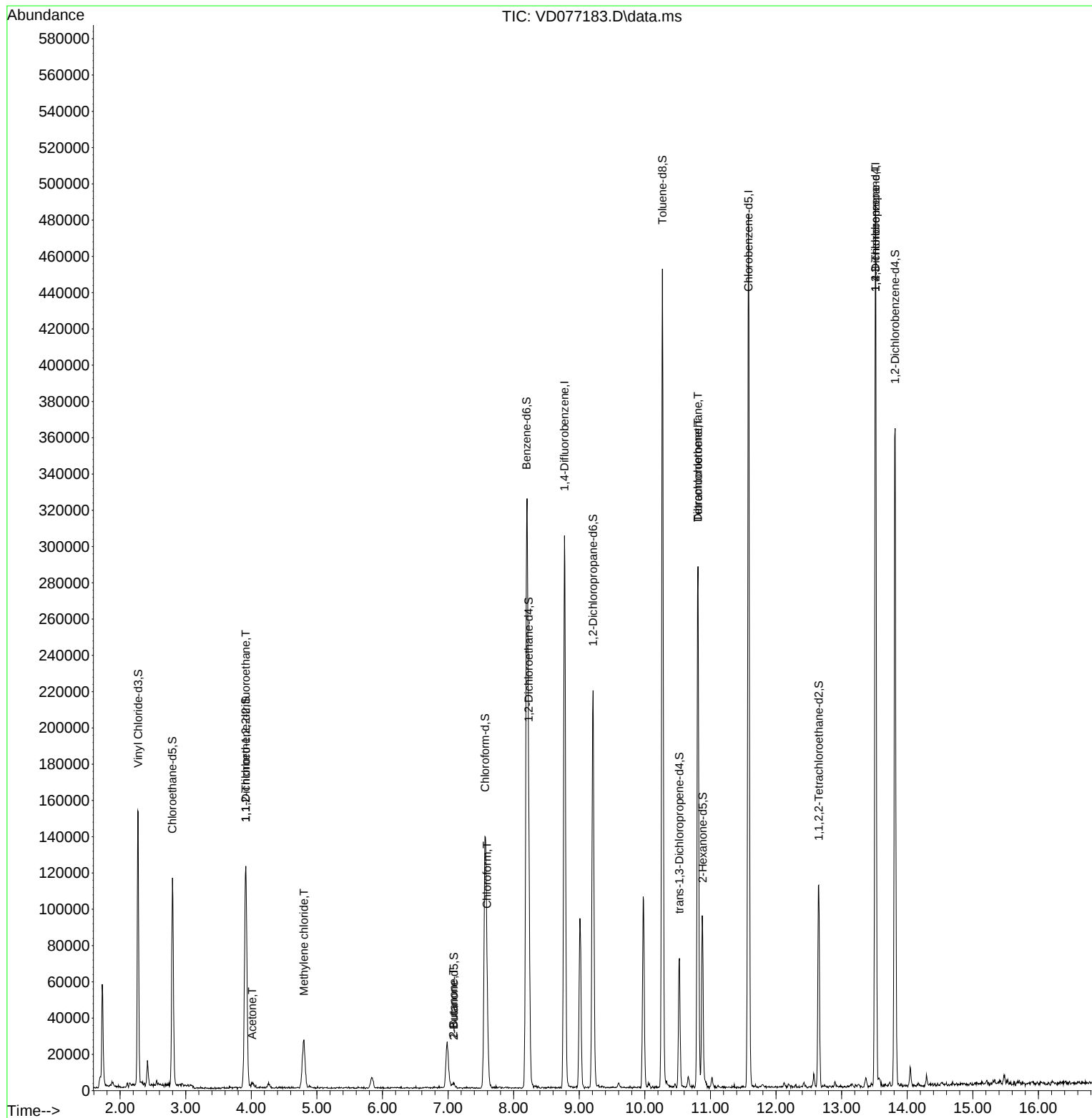
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	280323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	131903	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140301	20.312	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	81.240%	
7) Chloroethane-d5	2.799	69	116392	20.491	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	81.960%	
11) 1,1-Dichloroethene-d2	3.916	65	35724	22.768	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	91.080%	
21) 2-Butanone-d5	7.087	46	335	0.385	ug/L	0.10
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.760%#	
24) Chloroform-d	7.563	84	146383	19.084	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	76.320%	
26) 1,2-Dichloroethane-d4	8.228	65	93913	25.832	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	103.320%	
32) Benzene-d6	8.199	84	357480	22.298	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	9.210	67	113564	24.701	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	98.800%	
41) Toluene-d8	10.269	98	310215	21.138	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	84.560%	
43) trans-1,3-Dichloroprop...	10.528	79	43565	20.797	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	83.200%	
47) 2-Hexanone-d5	10.881	63	32370	44.083	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	88.160%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60696	14.809	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	59.240%	
66) 1,2-Dichlorobenzene-d4	13.816	152	103408	24.425	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	97.680%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	1030	0.249	ug/L #	20
13) Acetone	4.016	43	3818	3.059	ug/L	67
16) Methylene chloride	4.805	84	21243	3.723	ug/L	81
22) 2-Butanone	7.081	43	1725	1.145	ug/L	98
25) Chloroform	7.593	83	39354	5.100	ug/L	94
46) Tetrachloroethene	10.810	164	66692	17.645	ug/L	98
49) Dibromochloromethane	10.810	129	59001	13.574	ug/L #	9
61) 1,2,3-Trichloropropane	13.516	75	15558	6.179	ug/L #	65

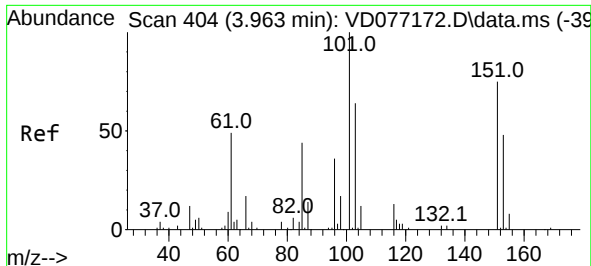
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#10

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

Concen: 0.249 ug/L

RT: 3.916 min Scan# 396

Delta R.T. -0.047 min

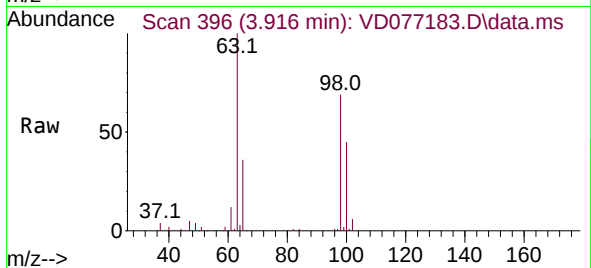
Lab File: VD077183.D

Acq: 21 Sep 2023 16:20

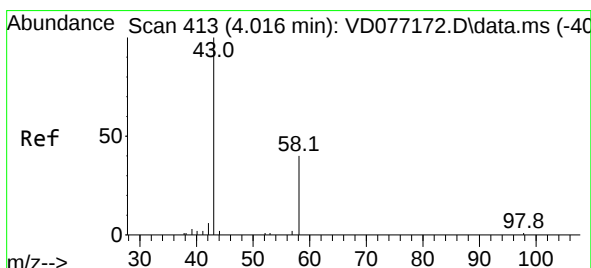
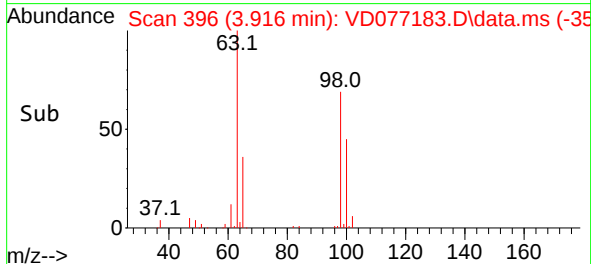
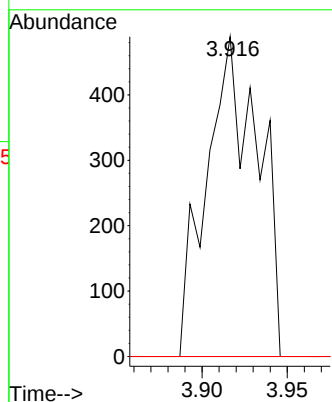
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	101	Resp:	1030
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.2#
151	0.0	59.6	89.4#



#13

Acetone

Concen: 3.059 ug/L

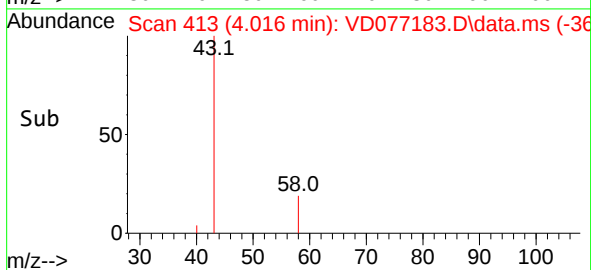
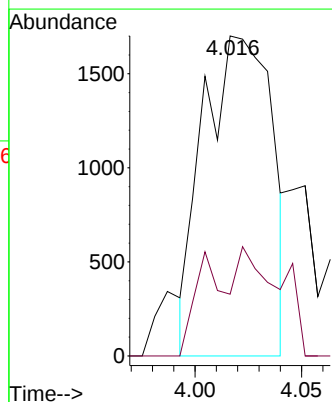
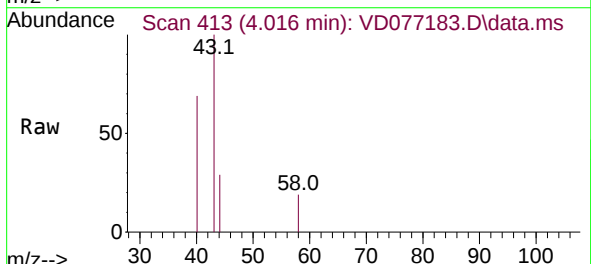
RT: 4.016 min Scan# 413

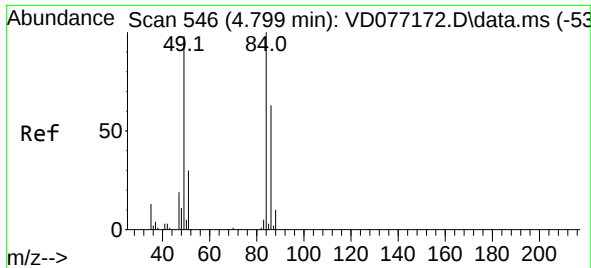
Delta R.T. -0.000 min

Lab File: VD077183.D

Acq: 21 Sep 2023 16:20

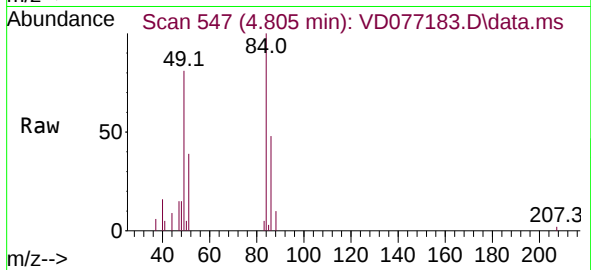
Tgt Ion:	43	Resp:	3818
Ion	Ratio	Lower	Upper
43	100		
58	16.5	0.0	71.8





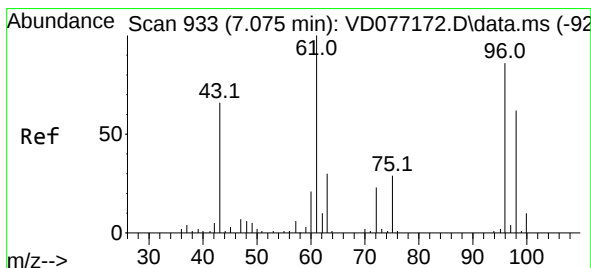
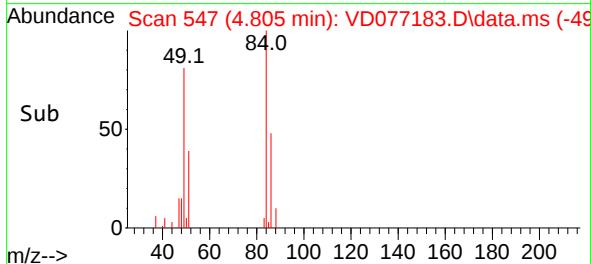
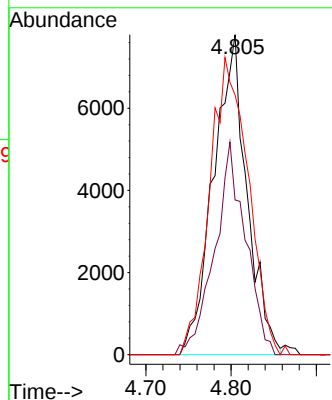
#16
Methylene chloride
Concen: 3.723 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077183.D
Acq: 21 Sep 2023 16:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 21243

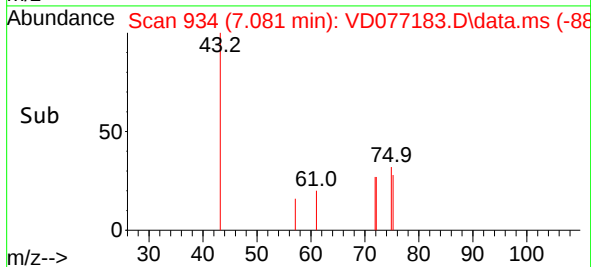
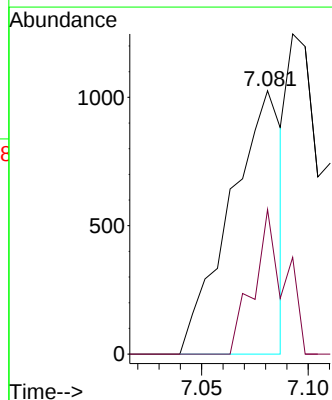
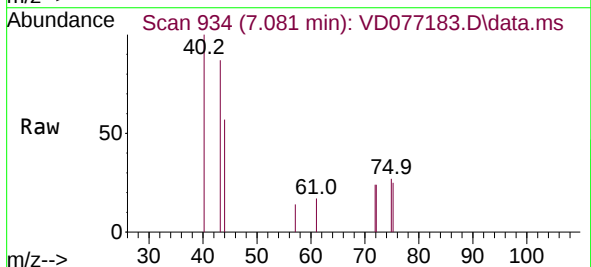
Ion	Ratio	Lower	Upper
84	100		
86	48.4	45.3	84.1
49	81.2	69.2	128.6

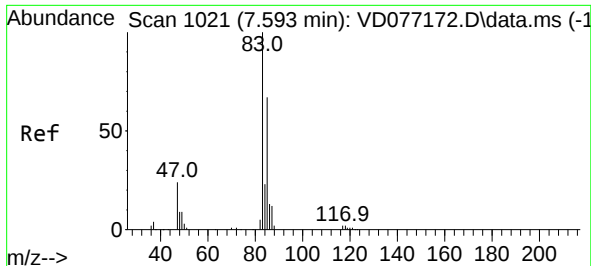


#22
2-Butanone
Concen: 1.145 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077183.D
Acq: 21 Sep 2023 16:20

Tgt Ion: 43 Resp: 1725

Ion	Ratio	Lower	Upper
43	100		
72	32.9	16.0	48.0





#25

Chloroform

Concen: 5.100 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077183.D

Acq: 21 Sep 2023 16:20

Instrument :

MSVOA_D

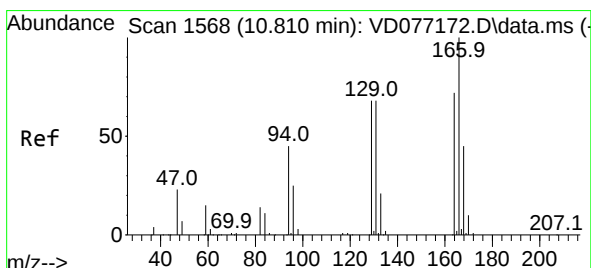
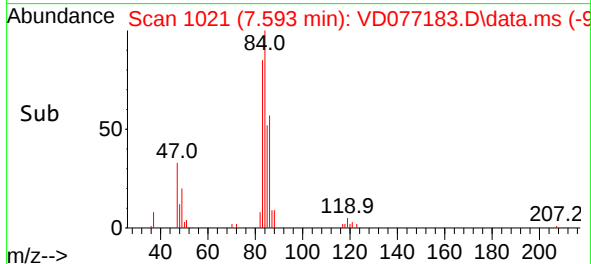
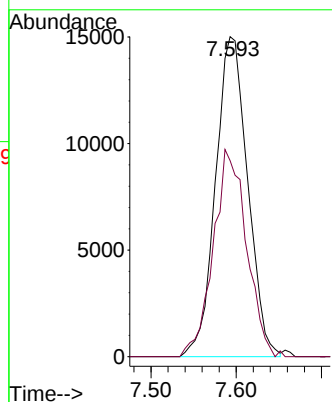
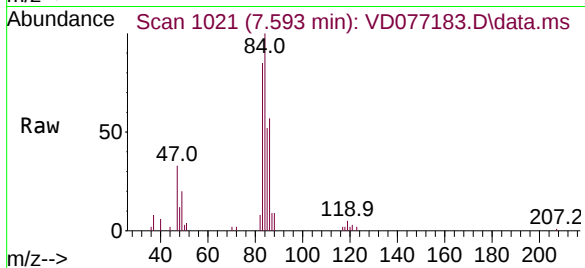
ClientSampleId :

Tgt Ion: 83 Resp: 39354

Ion Ratio Lower Upper

83 100

85 61.3 46.2 85.8



#46

Tetrachloroethene

Concen: 17.645 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077183.D

Acq: 21 Sep 2023 16:20

Tgt Ion:164 Resp: 66692

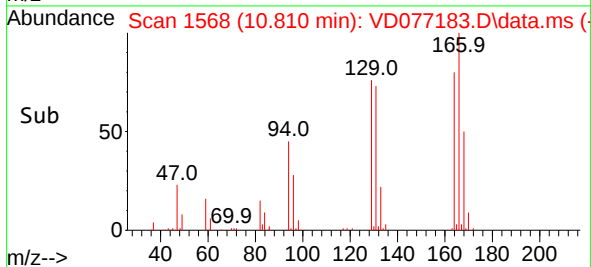
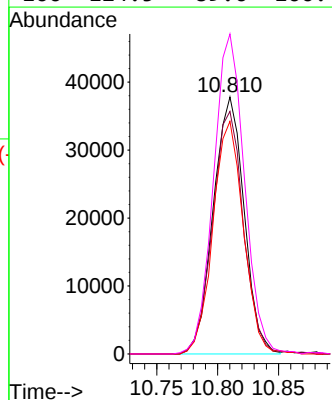
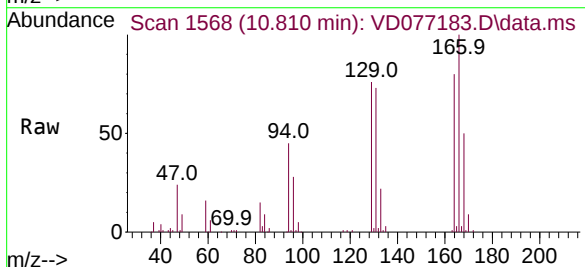
Ion Ratio Lower Upper

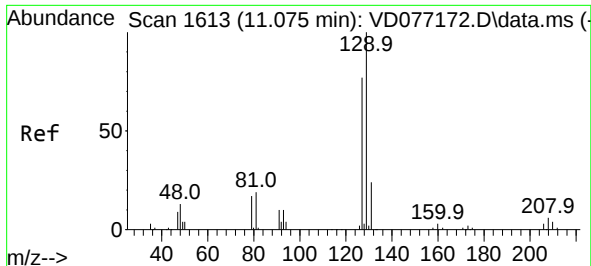
164 100

129 94.4 66.4 123.4

131 90.5 62.6 116.3

166 124.5 89.6 166.4





#49

Dibromochloromethane

Concen: 13.574 ug/L

RT: 10.810 min Scan# 11

Delta R.T. -0.265 min

Lab File: VD077183.D

Acq: 21 Sep 2023 16:20

Instrument :

MSVOA_D

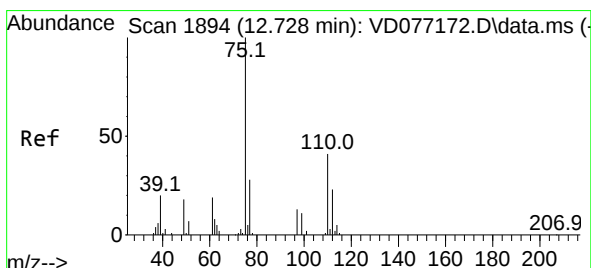
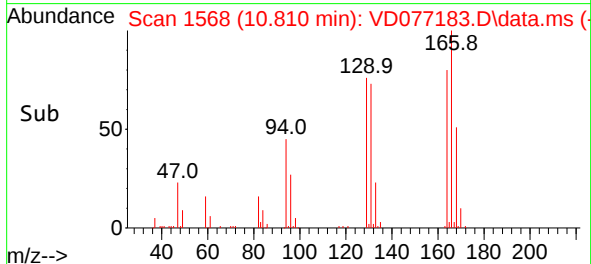
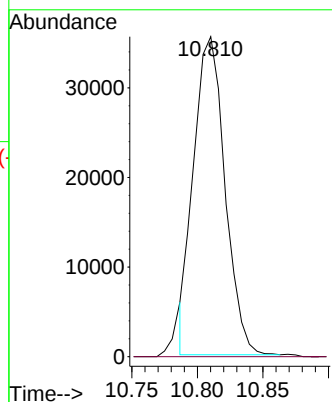
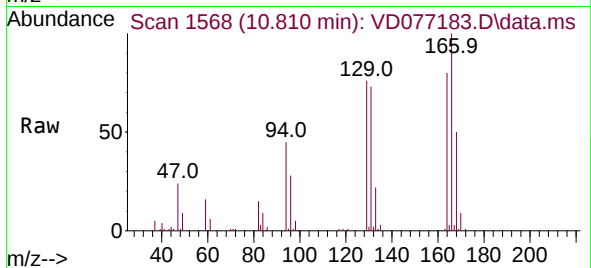
ClientSampleId :

Tgt Ion:129 Resp: 59001

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 6.179 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD077183.D

Acq: 21 Sep 2023 16:20

Tgt Ion: 75 Resp: 15558

Ion Ratio Lower Upper

75 100

77 33.3 26.6 40.0

110 2.8 33.6 50.4#

