

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076448.D
 Acq On : 15 Jun 2023 20:07
 Operator : KP/SY
 Sample : 03236-18
 Misc : 5.77G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

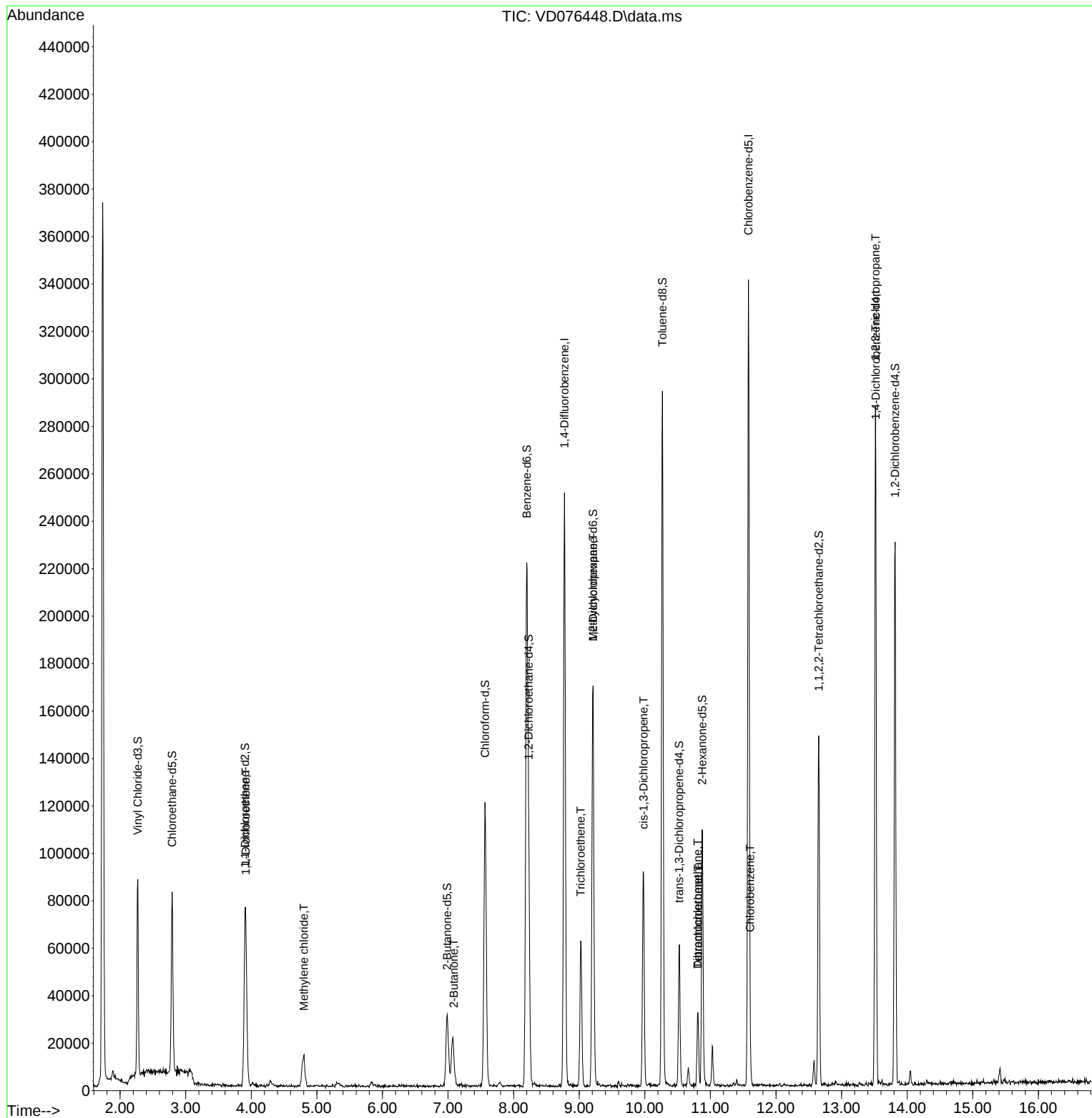
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	216261	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	77064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	74513	14.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.600%
7) Chloroethane-d5	2.793	69	73453	17.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	3.905	65	22010	16.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.040%
21) 2-Butanone-d5	6.987	46	54033	67.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.480%#
24) Chloroform-d	7.563	84	119553	20.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.228	65	65345	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	8.199	84	228451	19.650	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	9.210	67	84753	22.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.269	98	200496	18.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.520%
43) trans-1,3-Dichloroprop...	10.522	79	31979	20.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.880%
47) 2-Hexanone-d5	10.875	63	38030	66.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77490	29.351	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	60278	21.339	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.917	96	3277	1.168	ug/L #	1
16) Methylene chloride	4.805	84	9551	2.541	ug/L	77
22) 2-Butanone	7.087	43	1161	1.117	ug/L #	49
34) Trichloroethene	9.022	95	19734	6.107	ug/L	86
35) Methylcyclohexane	9.210	83	19001	3.647	ug/L #	20
39) cis-1,3-Dichloropropene	9.981	75	2673	0.510	ug/L	88
46) Tetrachloroethene	10.810	164	7169	2.822	ug/L	87
49) Dibromochloromethane	10.804	129	6014	2.250	ug/L #	10
51) Chlorobenzene	11.604	112	4105	0.489	ug/L	90
61) 1,2,3-Trichloropropane	13.516	75	10308	6.892	ug/L #	66

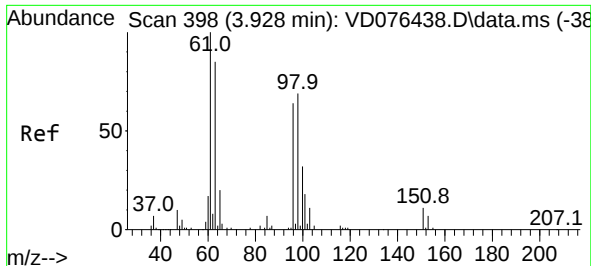
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.168 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.012 min

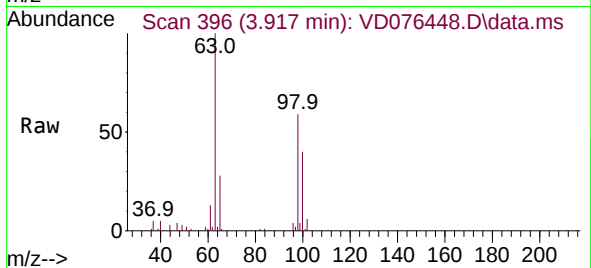
Lab File: VD076448.D

Acq: 15 Jun 2023 20:07

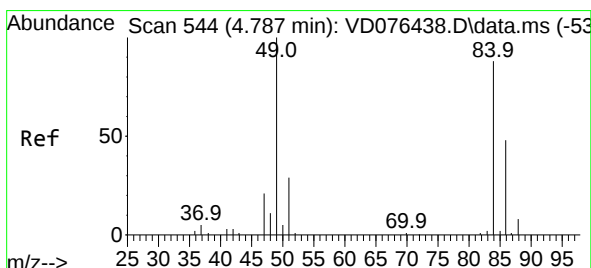
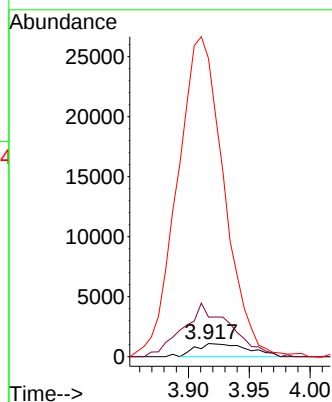
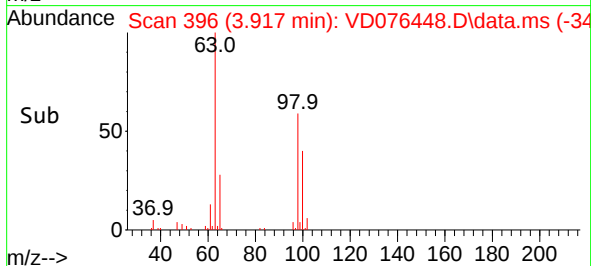
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	96	Resp:	3277
Ion	Ratio	Lower	Upper
96	100		
61	300.6	113.0	209.8#
63	2266.4	83.6	155.2#



#16

Methylene chloride

Concen: 2.541 ug/L

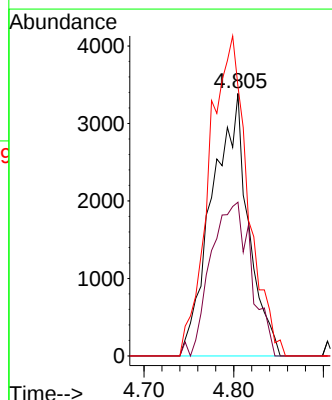
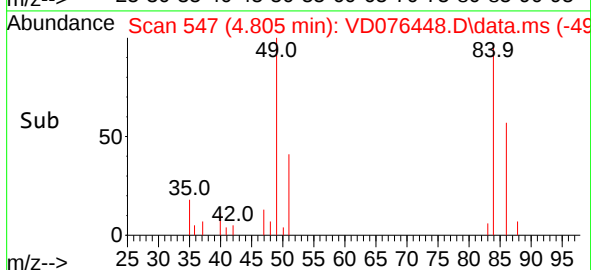
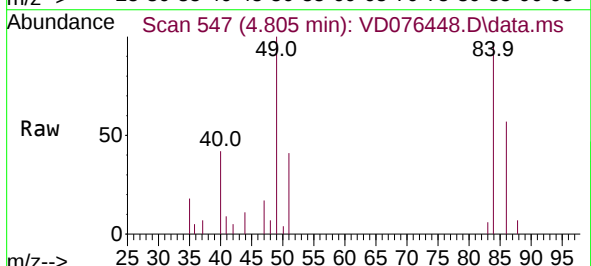
RT: 4.805 min Scan# 547

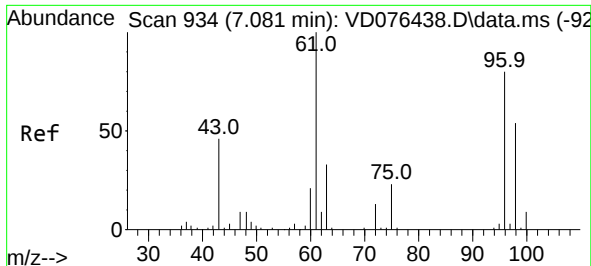
Delta R.T. 0.018 min

Lab File: VD076448.D

Acq: 15 Jun 2023 20:07

Tgt Ion:	84	Resp:	9551
Ion	Ratio	Lower	Upper
84	100		
86	58.6	45.1	83.9
49	102.7	97.2	180.6

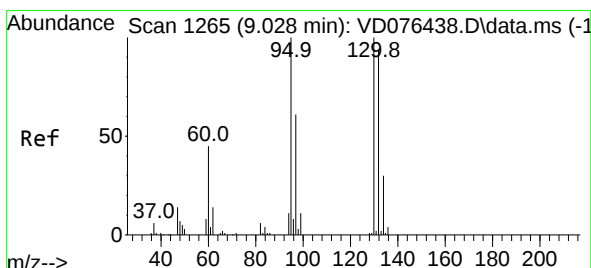
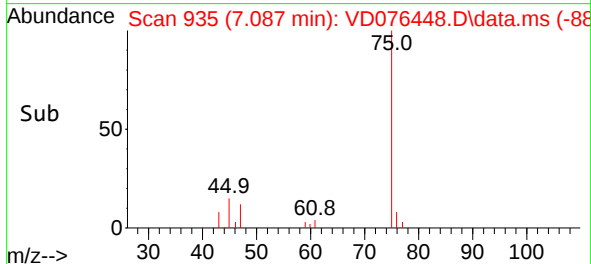
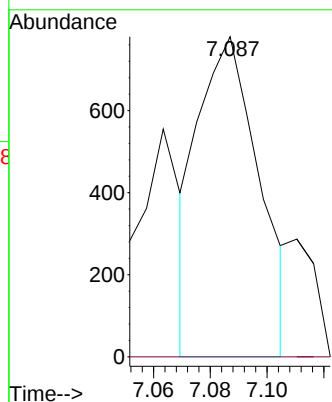
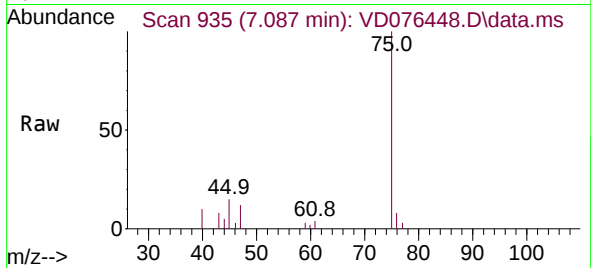




#22
2-Butanone
Concen: 1.117 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

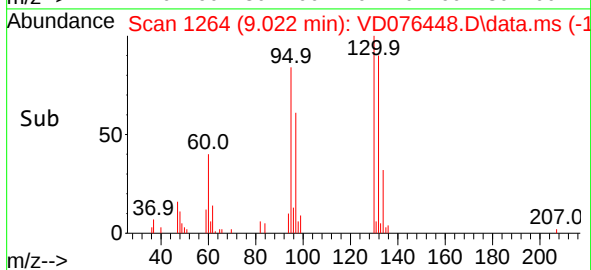
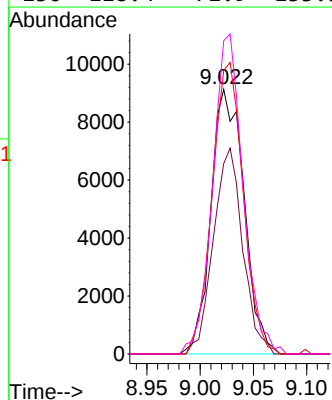
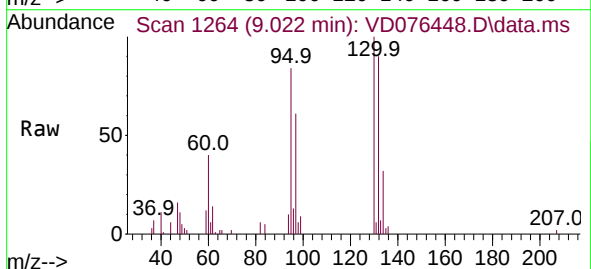
Instrument :
MSVOA_D
ClientSampleId :

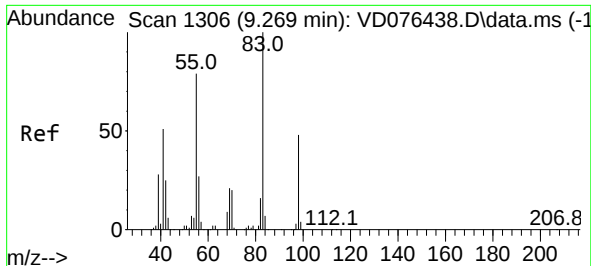
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#34
Trichloroethene
Concen: 6.107 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion: 95 Resp: 19734
Ion Ratio Lower Upper
95 100
97 71.9 43.1 80.1
132 115.1 71.8 133.4
130 118.4 71.9 133.5





#35

Methylcyclohexane

Concen: 3.647 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.059 min

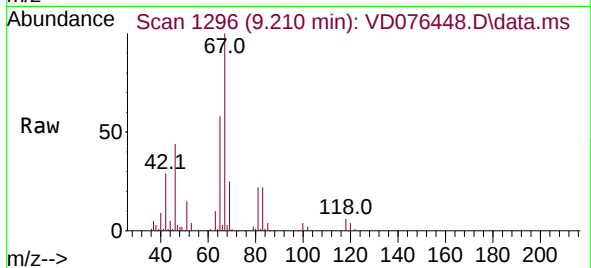
Lab File: VD076448.D

Acq: 15 Jun 2023 20:07

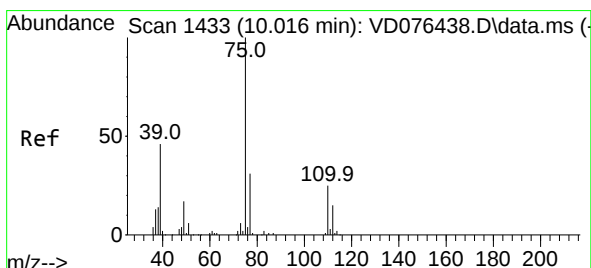
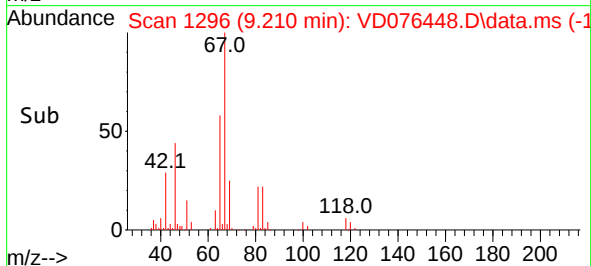
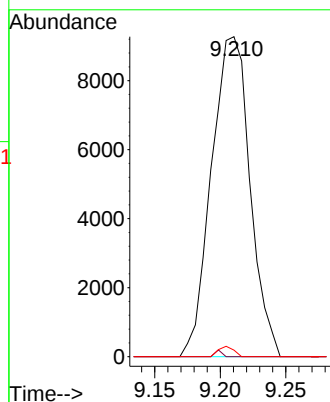
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 19001
Ion Ratio	Lower Upper
83	100
55	0.0 59.8 89.6#
98	1.3 37.8 56.6#



#39

cis-1,3-Dichloropropene

Concen: 0.510 ug/L

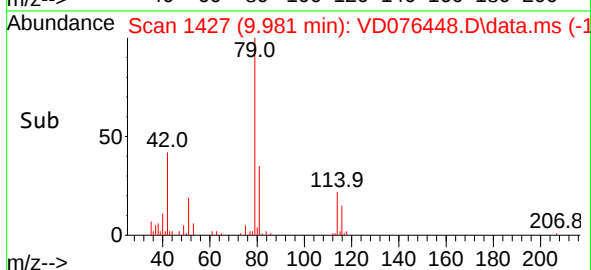
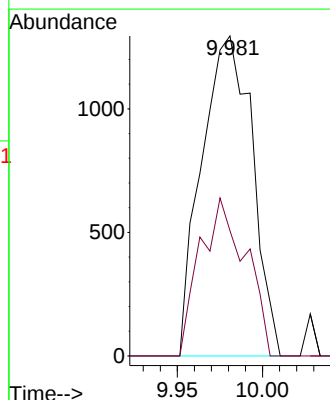
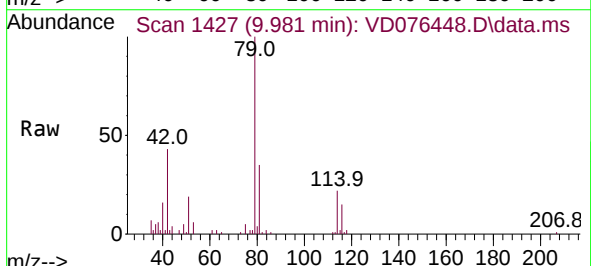
RT: 9.981 min Scan# 1427

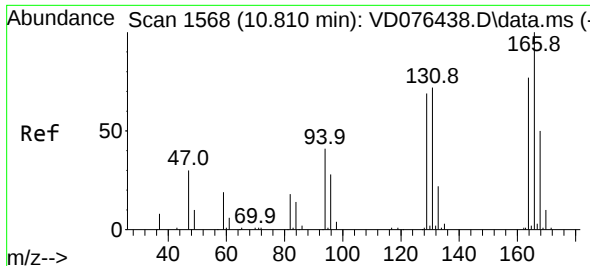
Delta R.T. -0.035 min

Lab File: VD076448.D

Acq: 15 Jun 2023 20:07

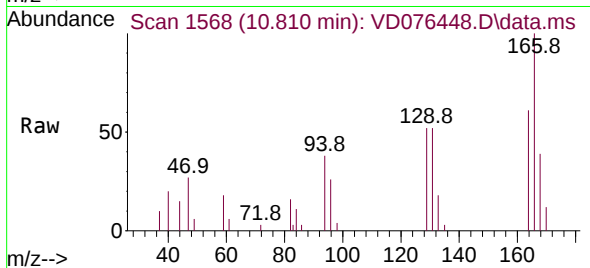
Tgt Ion: 75	Resp: 2673
Ion Ratio	Lower Upper
75	100
77	39.2 22.7 42.3



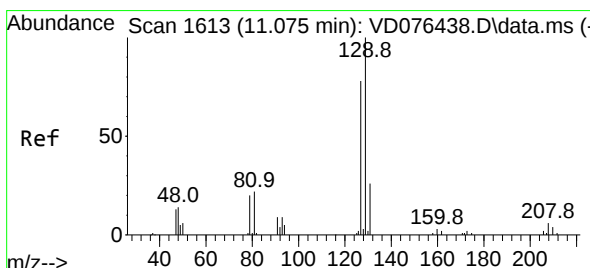
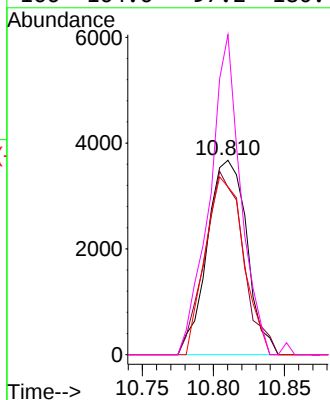
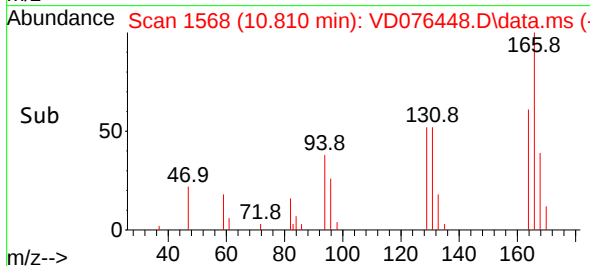


#46
Tetrachloroethene
Concen: 2.822 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

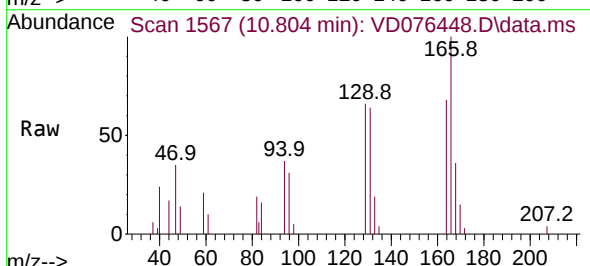
Instrument :
MSVOA_D
ClientSampleId :



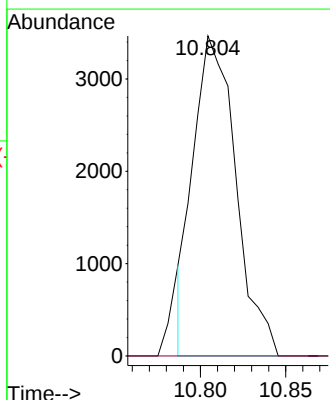
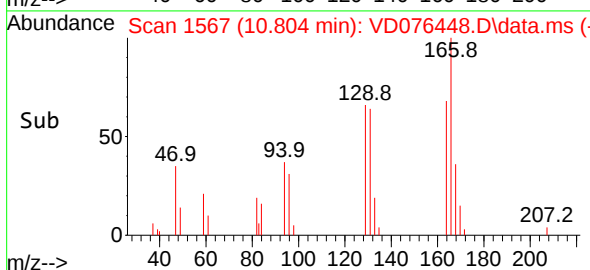
Tgt Ion:164 Resp: 7169
Ion Ratio Lower Upper
164 100
129 86.1 65.5 121.6
131 86.3 64.8 120.3
166 164.6 97.2 180.4

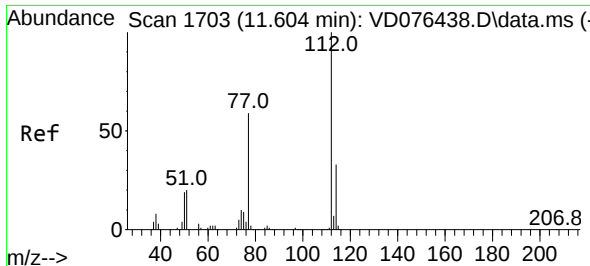


#49
Dibromochloromethane
Concen: 2.250 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.271 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07



Tgt Ion:129 Resp: 6014
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

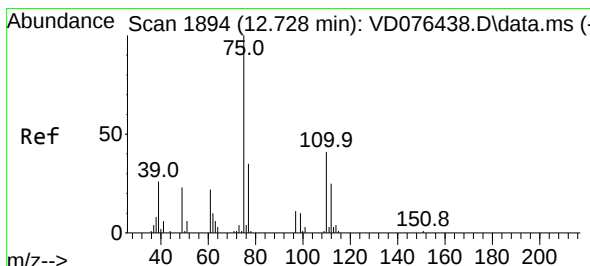
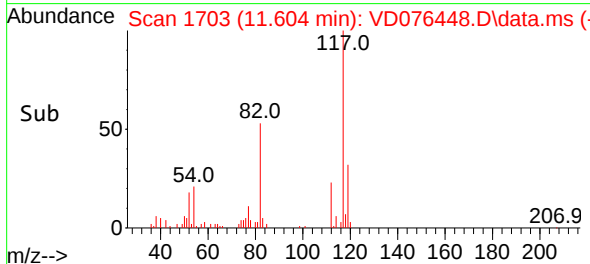
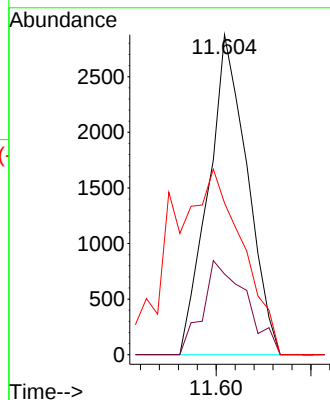
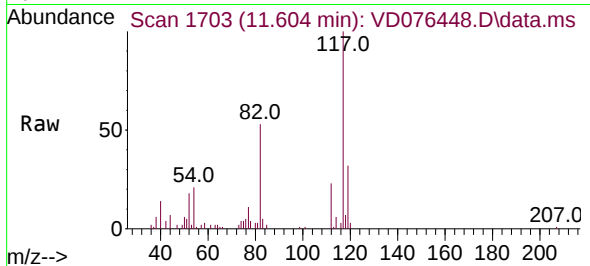




#51
Chlorobenzene
Concen: 0.489 ug/L
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
112	100		
114	25.2	21.5	39.9
77	47.4	43.4	65.2



#61
1,2,3-Trichloropropane
Concen: 6.892 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.8	27.2	40.8
110	1.7	31.8	47.6

