

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032923\
 Data File : VD075538.D
 Acq On : 29 Mar 2023 18:00
 Operator : KP/SY
 Sample : 02121-17
 Misc : 6.87G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11B4

Quant Time: Mar 29 23:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 29 23:32:17 2023
 Response via : Initial Calibration

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

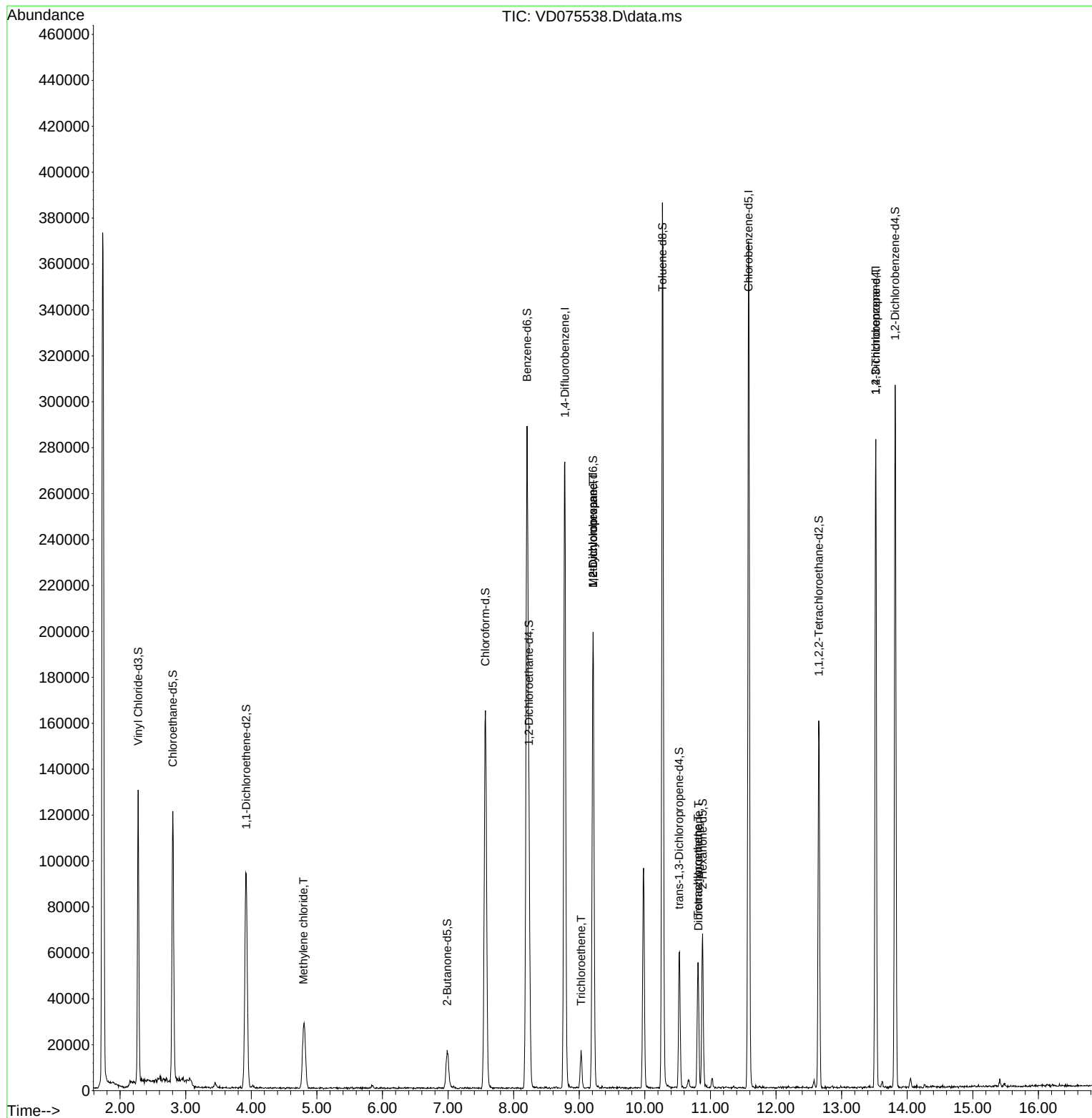
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	270779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	235359	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	81519	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	117350	17.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.800%
7) Chloroethane-d5	2.805	69	127751	21.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.840%
11) 1,1-Dichloroethene-d2	3.922	63	81316	12.948	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.800%
21) 2-Butanone-d5	6.987	46	27216	43.682	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.360%
24) Chloroform-d	7.569	84	181905	25.634	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	8.234	65	75465	24.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.204	84	323165	23.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	9.210	67	103433	26.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	10.269	98	283220	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.840%
43) trans-1,3-Dichloroprop...	10.522	79	36238	22.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.800%
47) 2-Hexanone-d5	10.881	63	24436	42.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84200	25.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	88249	30.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.800%#
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	12061	2.109	ug/L	94
34) Trichloroethene	9.028	95	5446	1.233	ug/L	94
35) Methylcyclohexane	9.210	83	25623	3.716	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	10617	2.554	ug/L #	86
46) Tetrachloroethene	10.810	164	14076	4.159	ug/L	87
49) Dibromochloromethane	10.816	129	11390	3.141	ug/L #	11
61) 1,2,3-Trichloropropane	13.522	75	9474	5.798	ug/L #	65

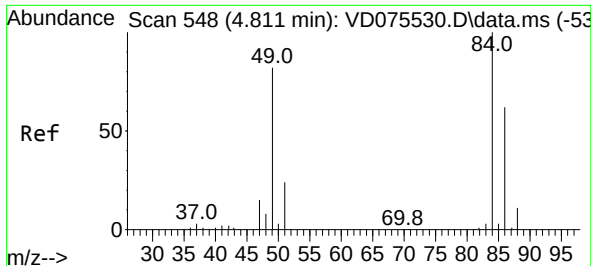
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Mar 29 23:32:17 2023
Response via : Initial Calibration

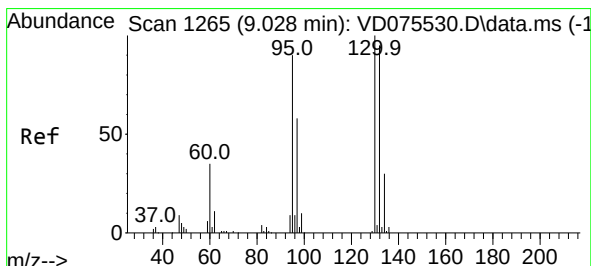
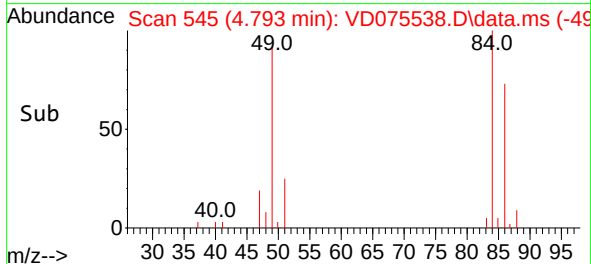
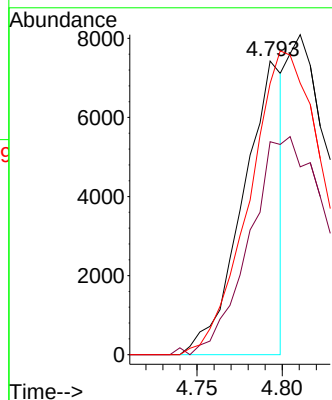
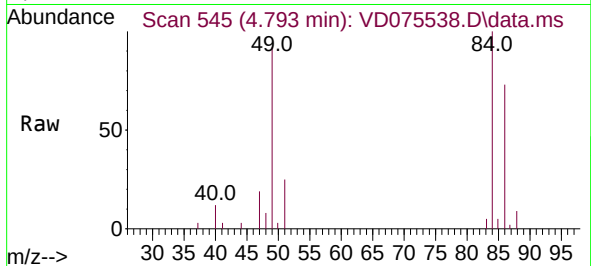




#16
Methylene chloride
Concen: 2.109 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD075538.D
Acq: 29 Mar 2023 18:00

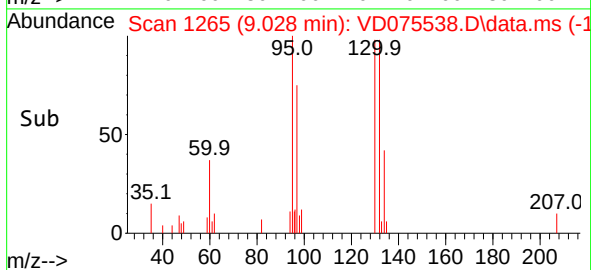
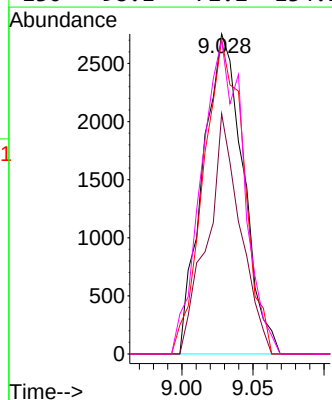
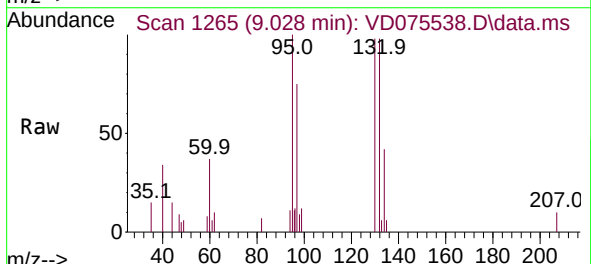
Instrument :
MSVOA_D
ClientSampleId :
C11B4

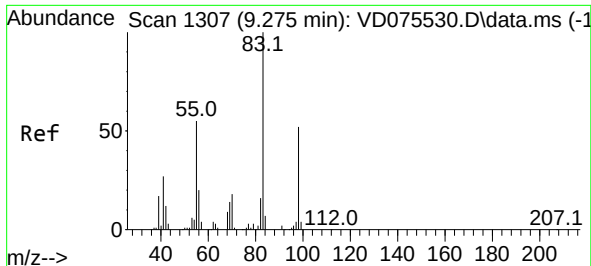
Tgt Ion: 84	Resp:	12061	
Ion Ratio	Lower	Upper	
84	100		
86	72.5	44.2	82.2
49	92.4	63.6	118.2



#34
Trichloroethene
Concen: 1.233 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075538.D
Acq: 29 Mar 2023 18:00

Tgt Ion: 95	Resp:	5446	
Ion	Ratio	Lower	Upper
95	100		
97	75.1	44.7	83.1
132	98.4	70.0	130.0
130	98.1	72.2	134.2





#35

Methylcyclohexane

Concen: 3.716 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075538.D

Acq: 29 Mar 2023 18:00

Instrument :

MSVOA_D

ClientSampleId :

C11B4

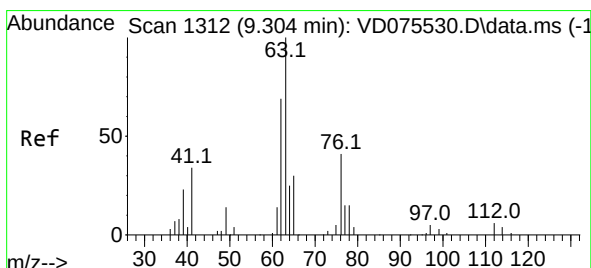
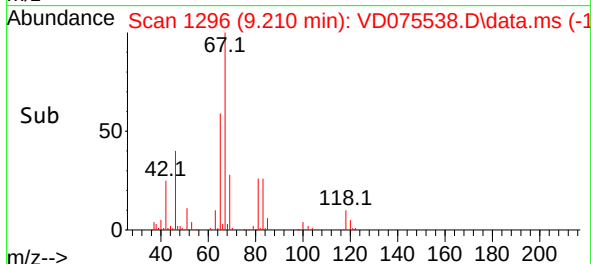
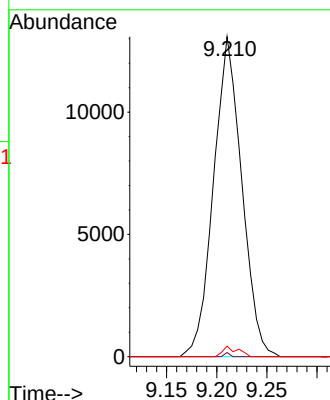
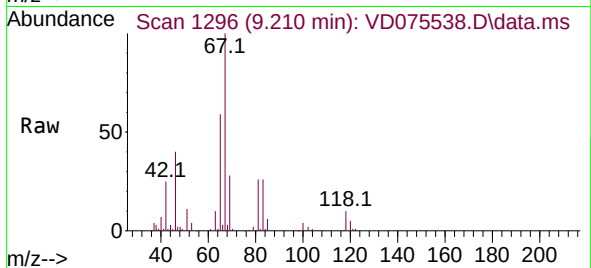
Tgt Ion: 83 Resp: 25623

Ion Ratio Lower Upper

83 100

55 0.0 49.3 73.9#

98 1.1 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 2.554 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075538.D

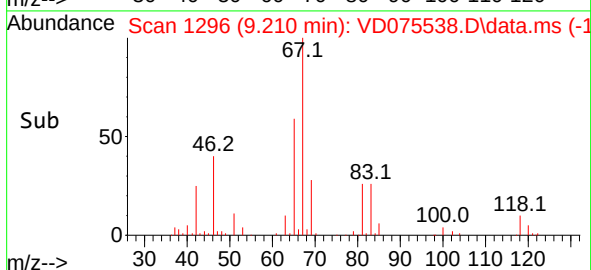
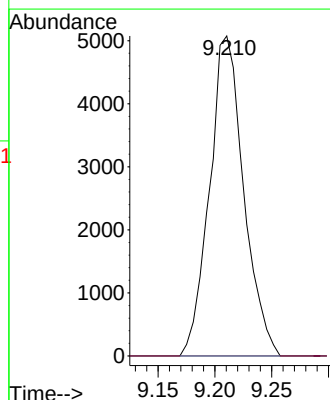
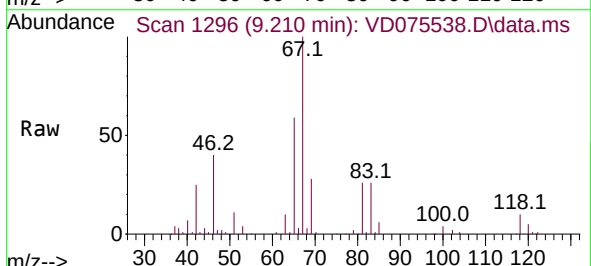
Acq: 29 Mar 2023 18:00

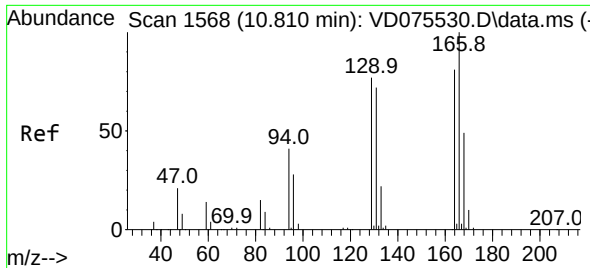
Tgt Ion: 63 Resp: 10617

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

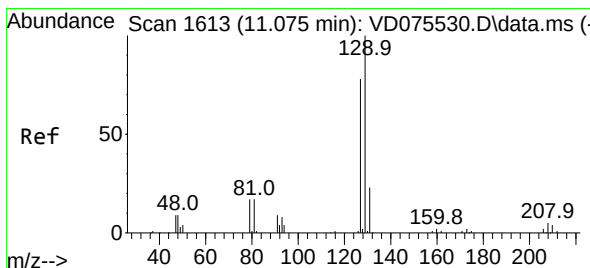
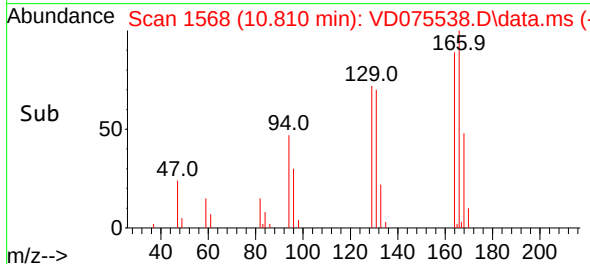
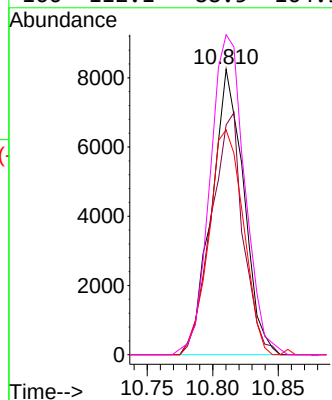
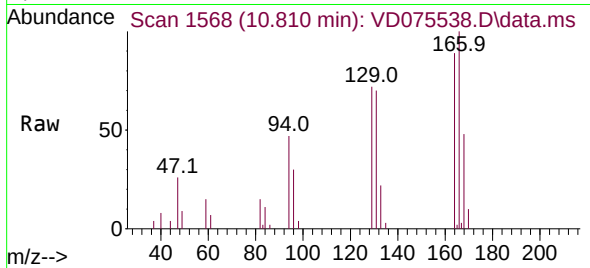




#46
Tetrachloroethene
Concen: 4.159 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075538.D
Acq: 29 Mar 2023 18:00

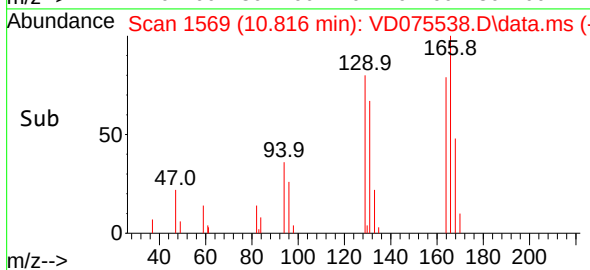
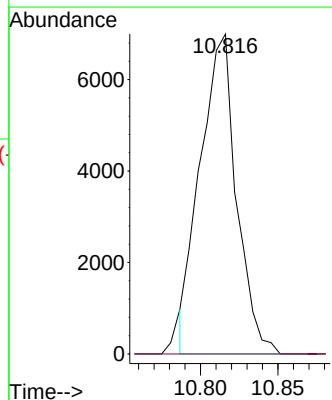
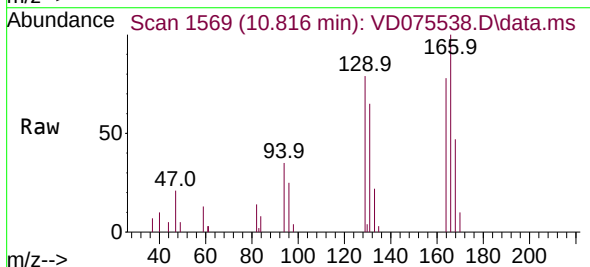
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C11B4

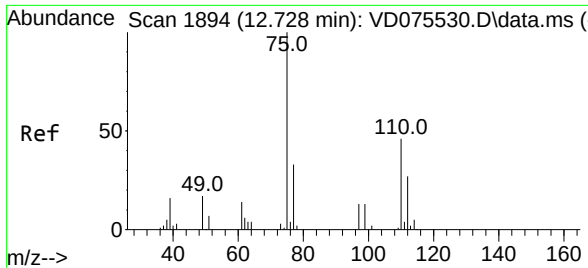
Tgt Ion:	164	Resp:	14076
Ion Ratio	Lower	Upper	
164	100		
129	80.5	65.4	121.4
131	78.7	64.1	119.1
166	112.1	88.5	164.3



#49
Dibromochloromethane
Concen: 3.141 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. -0.259 min
Lab File: VD075538.D
Acq: 29 Mar 2023 18:00

Tgt Ion:	129	Resp:	11390
Ion Ratio	Lower	Upper	
129	100		
127	0.0	53.7	99.7#





#61
1,2,3-Trichloropropane
Concen: 5.798 ug/L
RT: 13.522 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD075538.D
Acq: 29 Mar 2023 18:00

Instrument :
MSVOA_D
ClientSampleId :
C11B4

Tgt Ion:	75	Resp:	9474
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.2	39.4
110	2.2	33.2	49.8#

