

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078964.D
 Acq On : 17 May 2024 15:58
 Operator : RP/MD
 Sample : VD0517SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 01:06:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

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

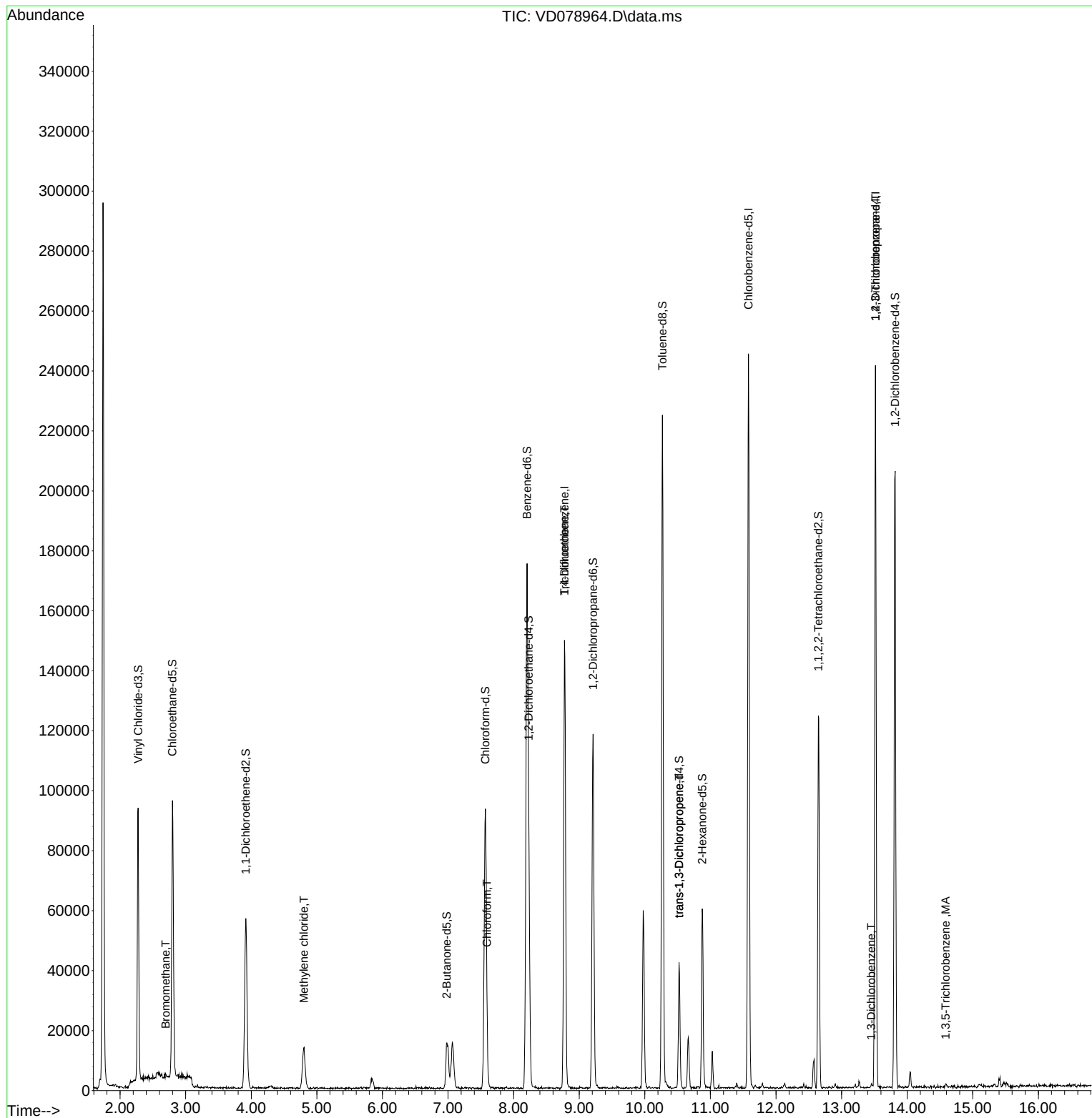
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	142270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	151938	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	65231	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	86648	24.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
7) Chloroethane-d5	2.799	69	95961	25.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	3.917	65	15679	23.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	6.981	46	17569	35.590	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.180%
24) Chloroform-d	7.569	84	98732	23.311	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.228	65	52268	25.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.205	84	186433	24.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.210	67	59827	25.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	10.269	98	161904	22.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	10.522	79	25249	23.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	10.875	63	22367	47.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	65264	24.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	59248	26.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.040%
Target Compounds						
					Qvalue	
6) Bromomethane	2.693	94	920	0.225	ug/L	93
16) Methylene chloride	4.805	84	11157	3.311	ug/L	93
25) Chloroform	7.593	83	2180	0.431	ug/L	97
34) Trichloroethene	8.775	95	3957	1.475	ug/L #	3
44) trans-1,3-Dichloropropene	10.522	75	1051	0.287	ug/L	95
61) 1,2,3-Trichloropropane	13.516	75	7626	5.100	ug/L #	55
64) 1,3-Dichlorobenzene	13.451	146	966	0.206	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.587	180	531	0.175	ug/L #	59

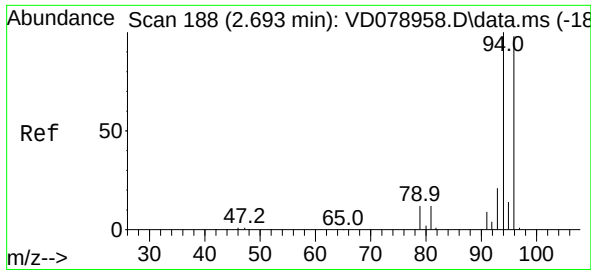
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat May 18 00:53:45 2024
Response via : Initial Calibration

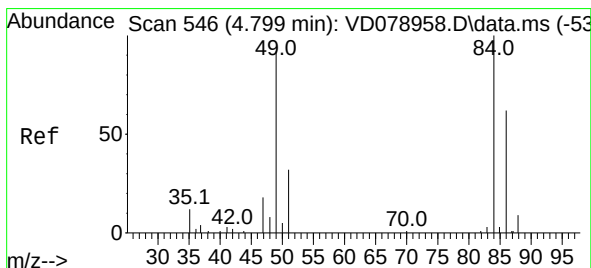
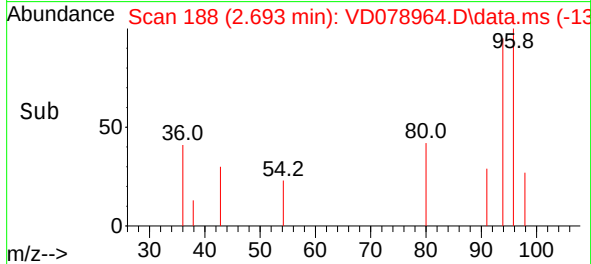
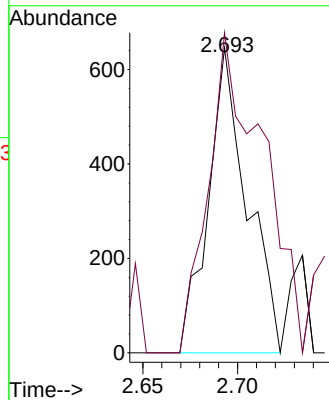
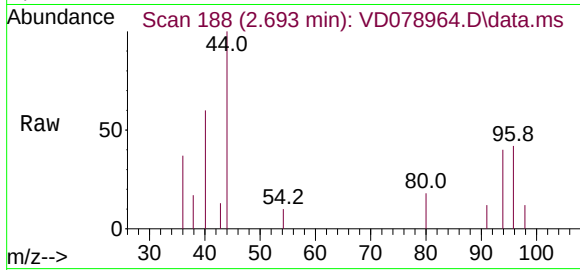




#6
Bromomethane
Concen: 0.225 ug/L
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078964.D
Acq: 17 May 2024 15:58

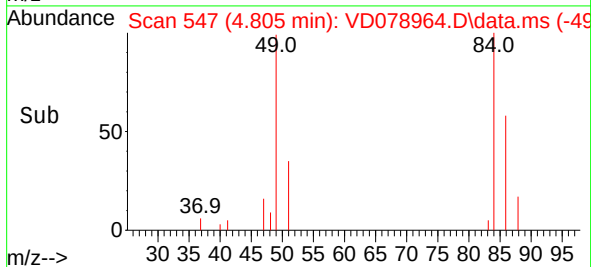
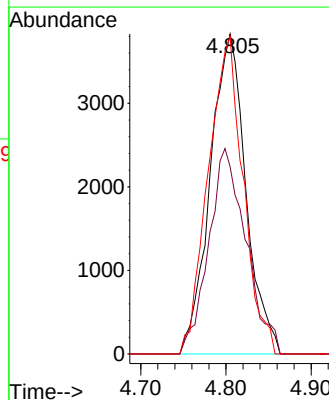
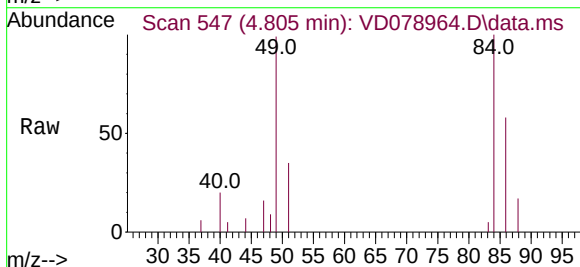
Instrument :
MSVOA_D
ClientSampleId :

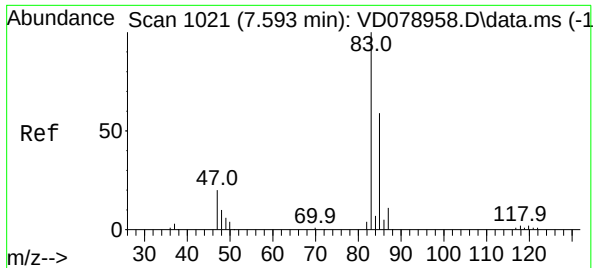
Tgt Ion: 94 Resp: 920
Ion Ratio Lower Upper
94 100
96 105.0 69.0 128.1



#16
Methylene chloride
Concen: 3.311 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078964.D
Acq: 17 May 2024 15:58

Tgt Ion: 84 Resp: 11157
Ion Ratio Lower Upper
84 100
86 58.5 43.7 81.1
49 99.3 64.0 119.0





#25

Chloroform

Concen: 0.431 ug/L

RT: 7.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078964.D

Acq: 17 May 2024 15:58

Instrument :

MSVOA_D

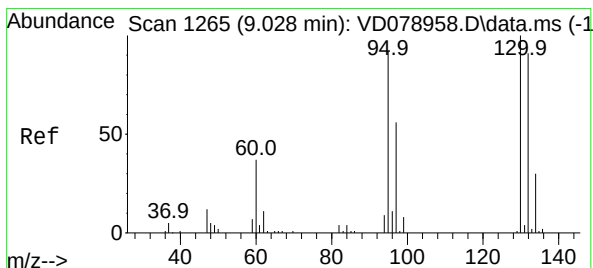
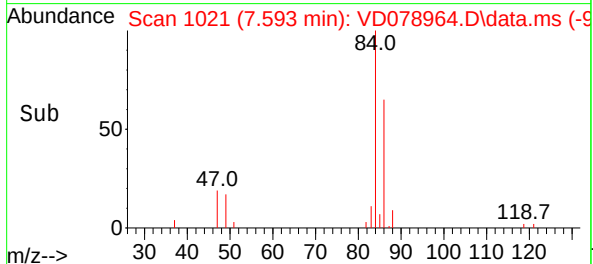
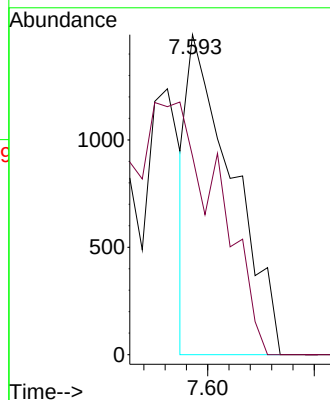
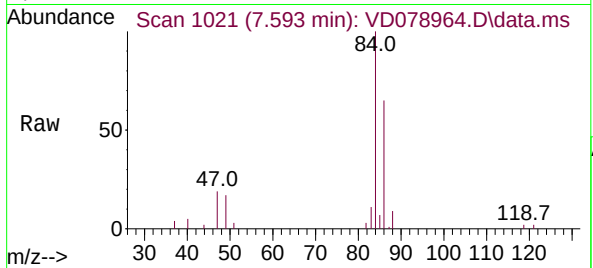
ClientSampleId :

Tgt Ion: 83 Resp: 2180

Ion Ratio Lower Upper

83 100

85 62.0 41.8 77.6



#34

Trichloroethene

Concen: 1.475 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD078964.D

Acq: 17 May 2024 15:58

Tgt Ion: 95 Resp: 3957

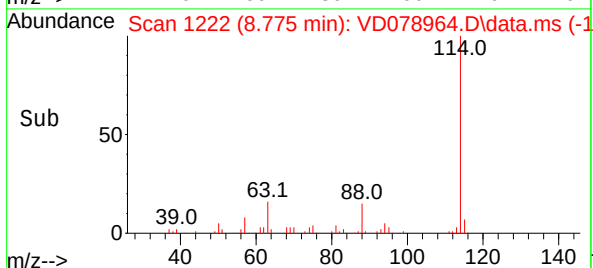
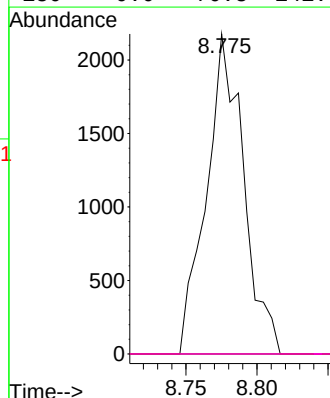
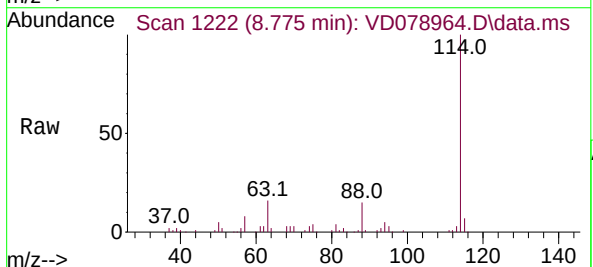
Ion Ratio Lower Upper

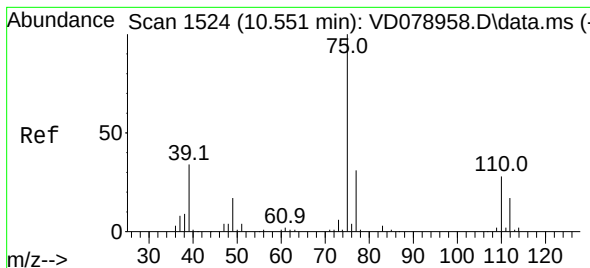
95 100

97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#





#44

trans-1,3-Dichloropropene

Concen: 0.287 ug/L

RT: 10.522 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD078964.D

Acq: 17 May 2024 15:58

Instrument :

MSVOA_D

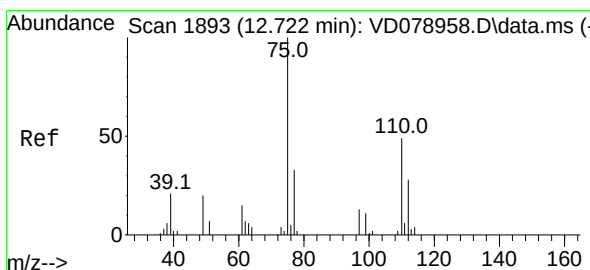
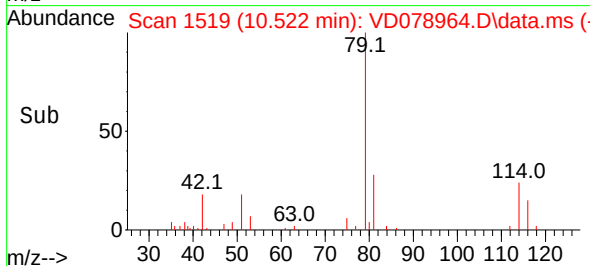
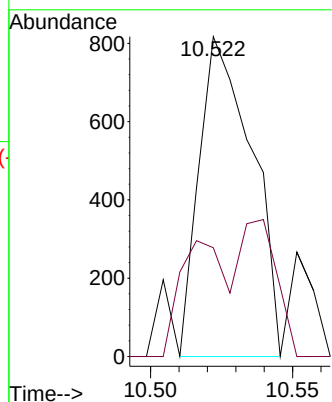
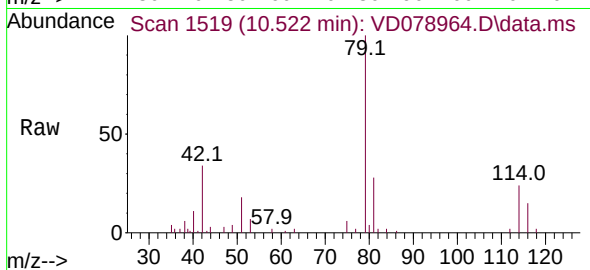
ClientSampleId :

Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

77 34.0 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 5.100 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD078964.D

Acq: 17 May 2024 15:58

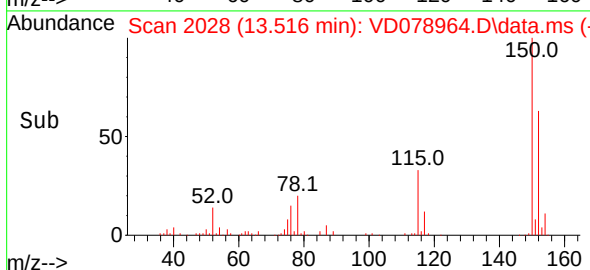
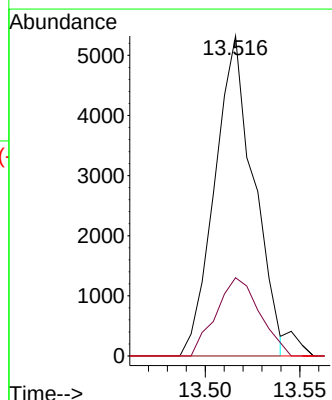
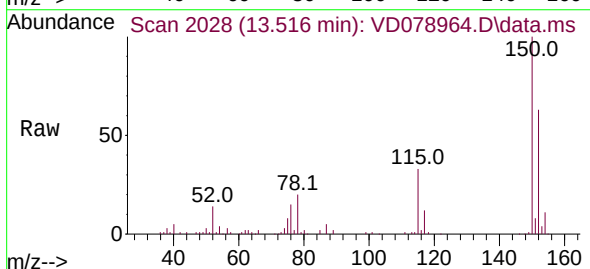
Tgt Ion: 75 Resp: 7626

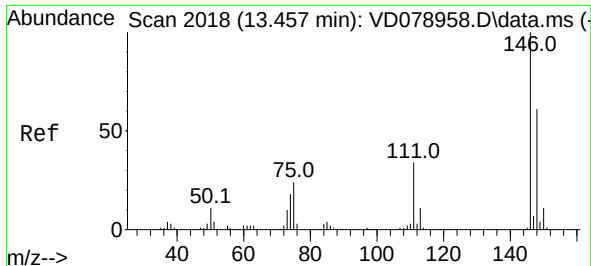
Ion Ratio Lower Upper

75 100

77 27.3 26.2 39.2

110 0.0 37.1 55.7#





#64

1,3-Dichlorobenzene

Concen: 0.206 ug/L

RT: 13.451 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078964.D

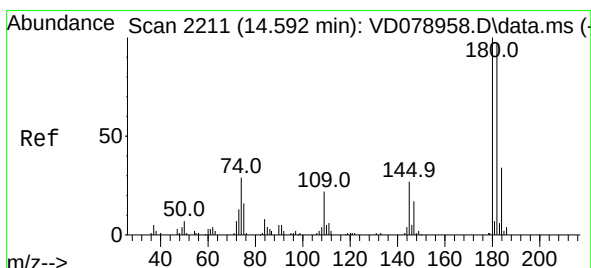
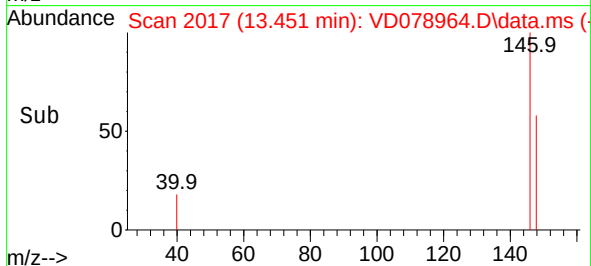
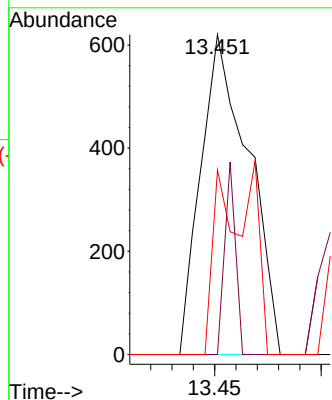
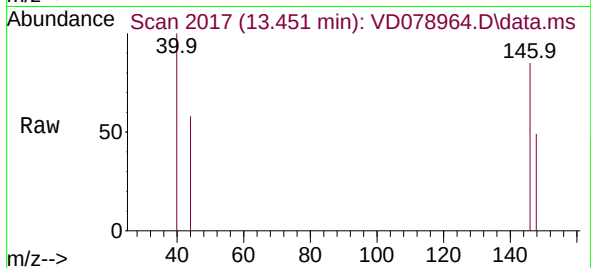
Acq: 17 May 2024 15:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	966
Ion Ratio	Lower	Upper
146	100	
111	0.0	24.0 44.6#
148	57.7	42.9 79.7



#69

1,3,5-Trichlorobenzene

Concen: 0.175 ug/L

RT: 14.587 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VD078964.D

Acq: 17 May 2024 15:58

Tgt Ion:180	Resp:	531
Ion Ratio	Lower	Upper
180	100	
182	63.7	76.2 114.2#
184	0.0	24.9 37.3#
145	0.0	22.0 33.0#

