

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061124\
 Data File : VD079165.D
 Acq On : 11 Jun 2024 16:35
 Operator : RP/MD
 Sample : P2775-08
 Misc : 4.91G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 12 01:06:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 01:05:41 2024
 Response via : Initial Calibration

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

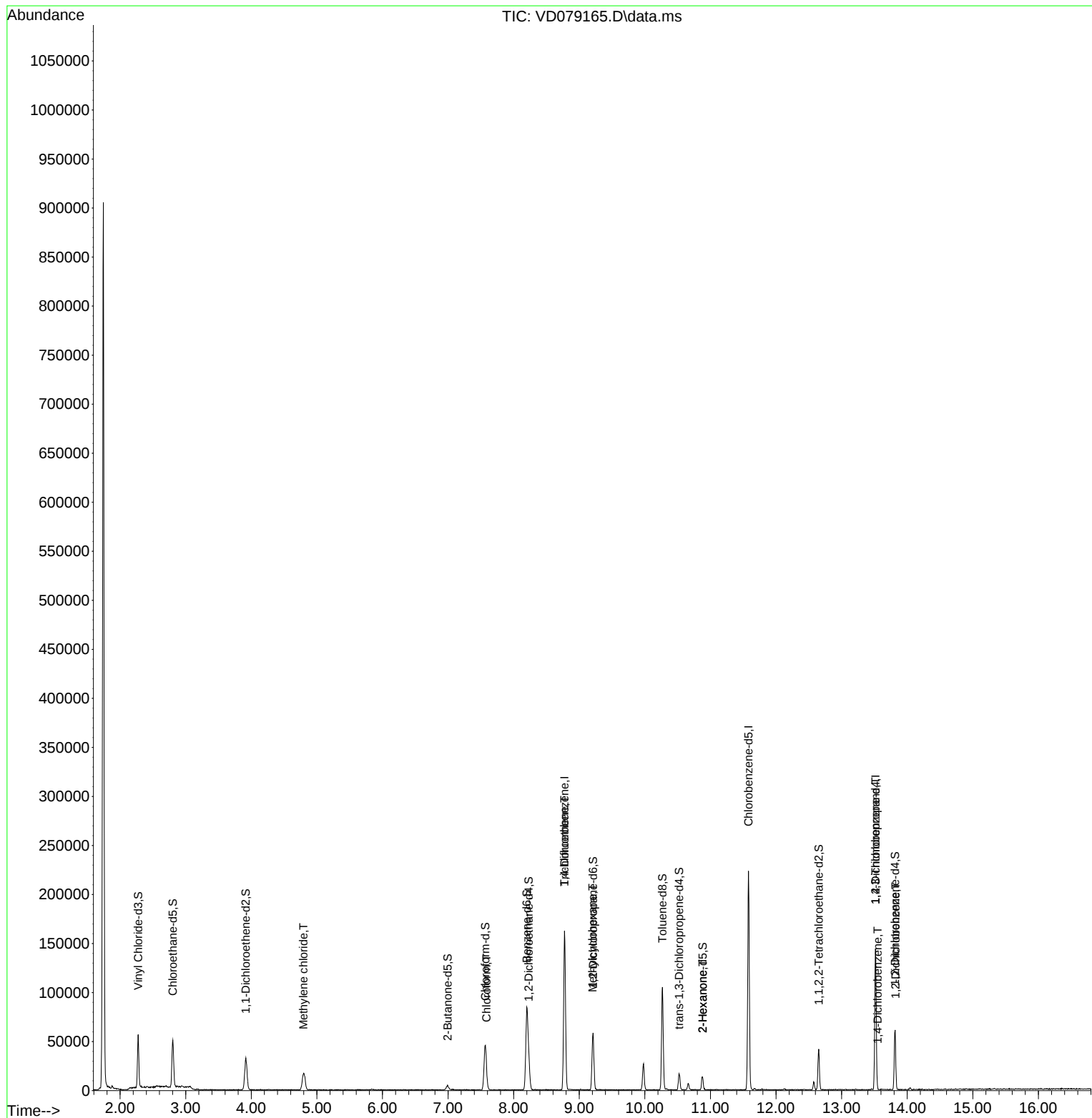
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	150935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	136262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	40711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	48747	10.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.000%
7) Chloroethane-d5	2.804	69	51911	11.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.240%
11) 1,1-Dichloroethene-d2	3.916	65	8971	10.880	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.520%#
21) 2-Butanone-d5	6.992	46	7297	20.540	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.080%
24) Chloroform-d	7.569	84	50009	11.850	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	47.400%
26) 1,2-Dichloroethane-d4	8.228	65	23209	11.921	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	47.680%#
32) Benzene-d6	8.198	84	95453	12.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	50.560%
36) 1,2-Dichloropropane-d6	9.210	67	29371	13.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	54.000%#
41) Toluene-d8	10.269	98	77169	10.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	43.640%
43) trans-1,3-Dichloroprop...	10.522	79	10888	11.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	47.600%
47) 2-Hexanone-d5	10.880	63	5522	19.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.260%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	21486	11.148	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	44.600%#
66) 1,2-Dichlorobenzene-d4	13.816	152	17919	12.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	51.000%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.793	84	11167	4.152	ug/L	86
25) Chloroform	7.587	83	2192	0.531	ug/L	81
34) Trichloroethene	8.775	95	4332	2.072	ug/L #	1
35) Methylcyclohexane	9.204	83	7475	2.158	ug/L #	23
48) 2-Hexanone	10.880	43	580	0.808	ug/L #	34
61) 1,2,3-Trichloropropane	13.516	75	4479	6.232	ug/L #	61
65) 1,4-Dichlorobenzene	13.551	146	685	0.250	ug/L #	26
67) 1,2-Dichlorobenzene	13.821	146	512	0.214	ug/L #	71

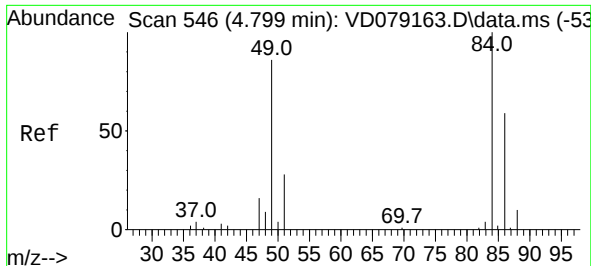
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jun 12 01:05:41 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.152 ug/L

RT: 4.793 min Scan# 54

Delta R.T. -0.006 min

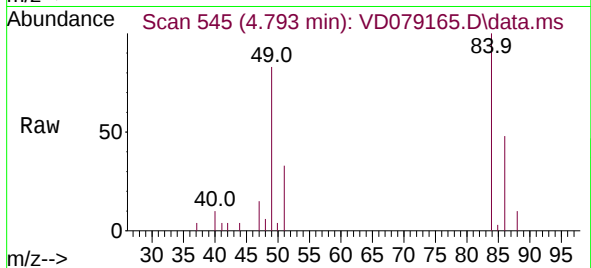
Lab File: VD079165.D

Acq: 11 Jun 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :



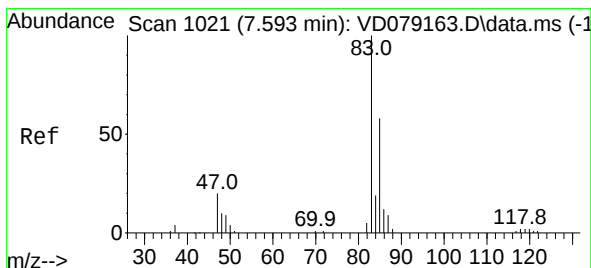
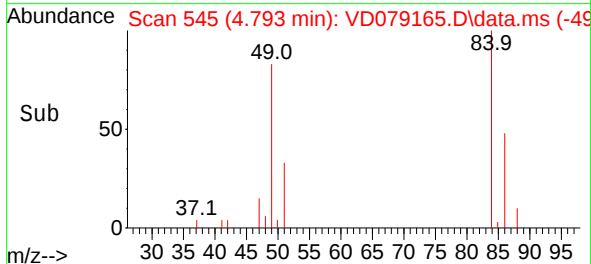
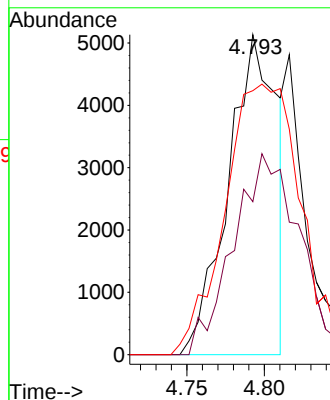
Tgt Ion: 84 Resp: 11167

Ion Ratio Lower Upper

84 100

86 47.8 40.9 76.0

49 82.5 67.5 125.3



#25

Chloroform

Concen: 0.531 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD079165.D

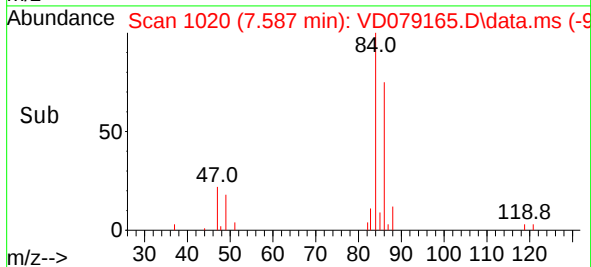
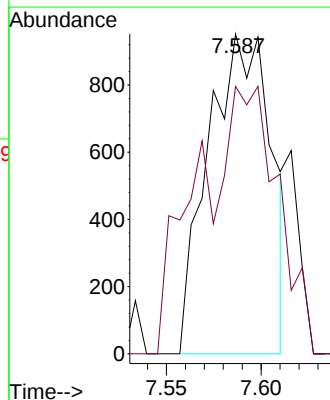
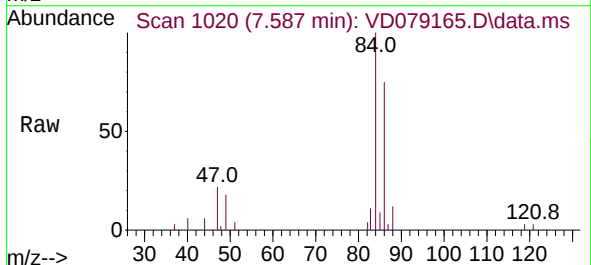
Acq: 11 Jun 2024 16:35

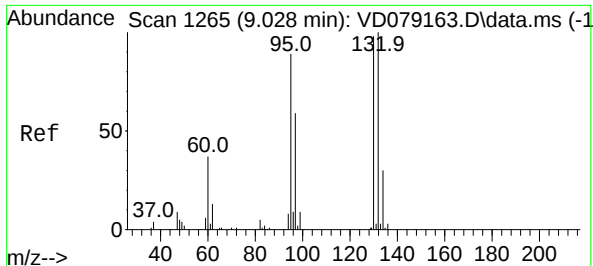
Tgt Ion: 83 Resp: 2192

Ion Ratio Lower Upper

83 100

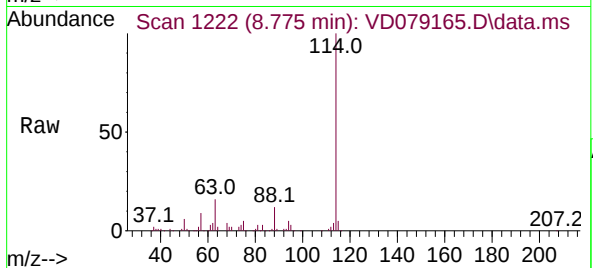
85 83.6 47.9 89.1



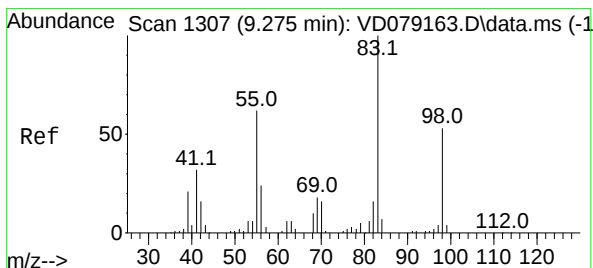
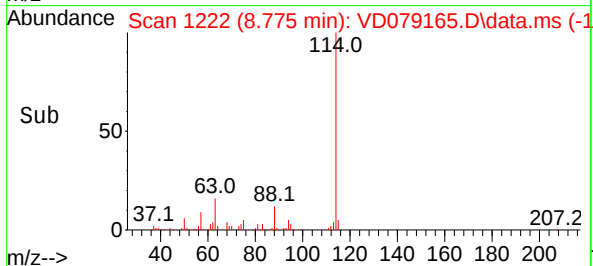
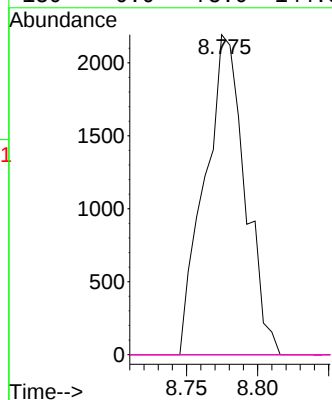


#34
Trichloroethene
Concen: 2.072 ug/L
RT: 8.775 min Scan# 1295
Delta R.T. -0.254 min
Lab File: VD079165.D
Acq: 11 Jun 2024 16:35

Instrument :
MSVOA_D
ClientSampleId :

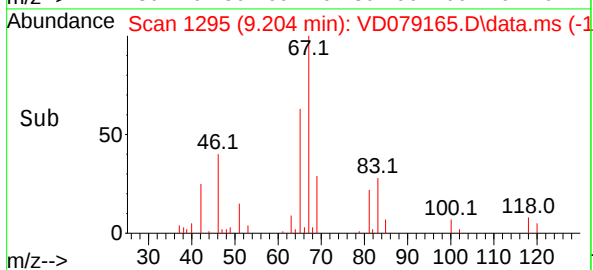
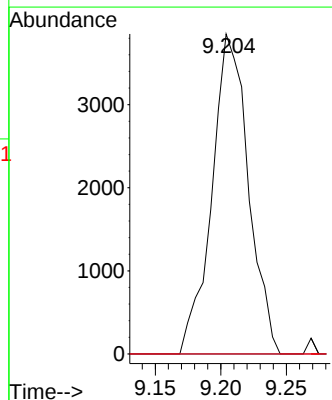
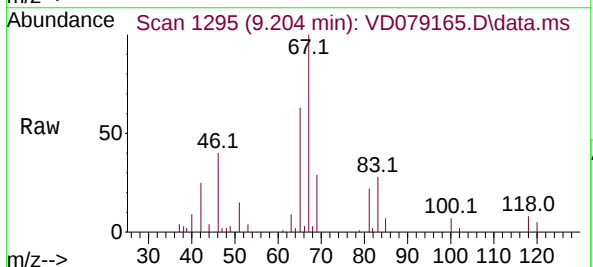


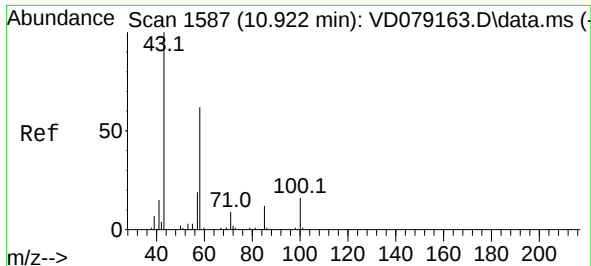
Tgt Ion: 95	Resp: 4332
Ion Ratio	Lower Upper
95	100
97	0.0 44.6 82.8#
132	0.0 74.9 139.1#
130	0.0 78.0 144.8#



#35
Methylcyclohexane
Concen: 2.158 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD079165.D
Acq: 11 Jun 2024 16:35

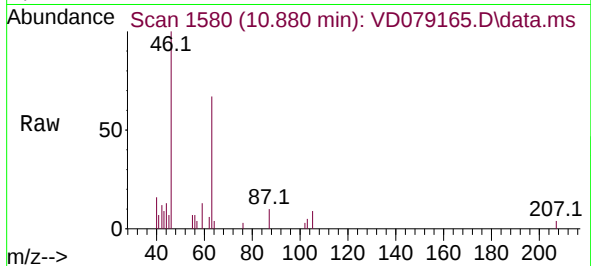
Tgt Ion: 83	Resp: 7475
Ion Ratio	Lower Upper
83	100
55	0.0 48.6 72.8#
98	0.0 40.2 60.2#



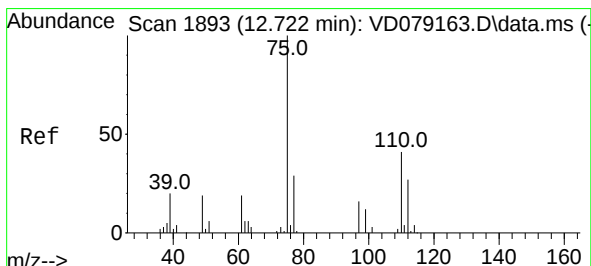
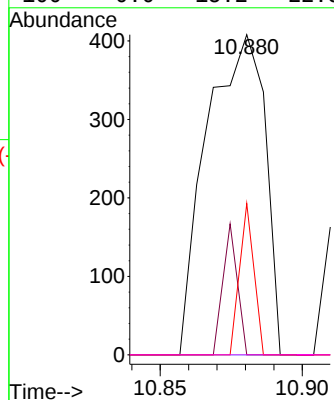
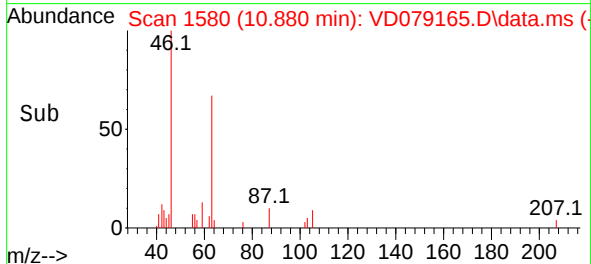


#48
2-Hexanone
Concen: 0.808 ug/L
RT: 10.880 min Scan# 1
Delta R.T. -0.042 min
Lab File: VD079165.D
Acq: 11 Jun 2024 16:35

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MSVOA_D
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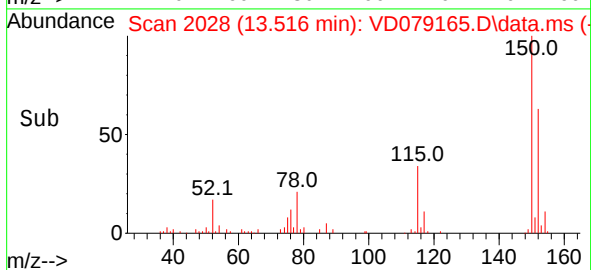
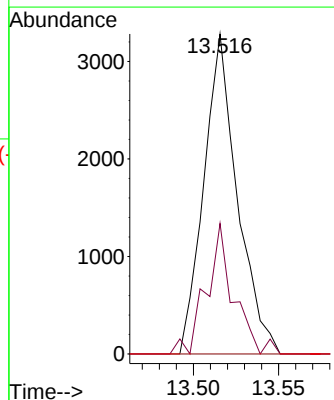
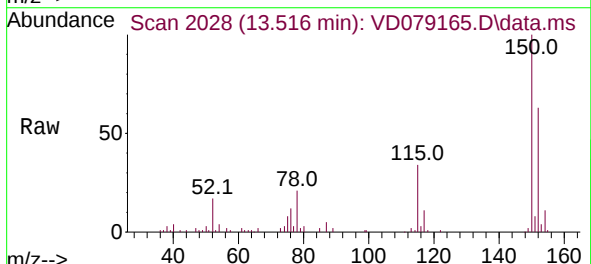


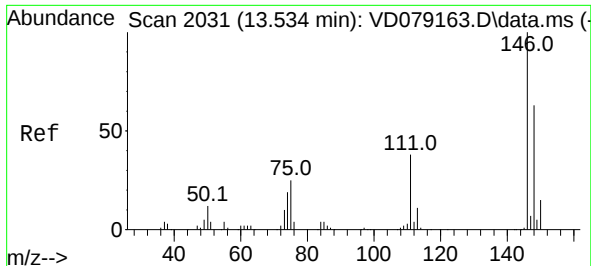
Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
58 0.0 50.1 75.1#
57 0.0 16.5 24.7#
100 0.0 15.2 22.8#



#61
1,2,3-Trichloropropane
Concen: 6.232 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.793 min
Lab File: VD079165.D
Acq: 11 Jun 2024 16:35

Tgt Ion: 75 Resp: 4479
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
110 0.0 34.2 51.4#





#65

1,4-Dichlorobenzene

Concen: 0.250 ug/L

RT: 13.551 min Scan# 2031

Delta R.T. 0.017 min

Lab File: VD079165.D

Acq: 11 Jun 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

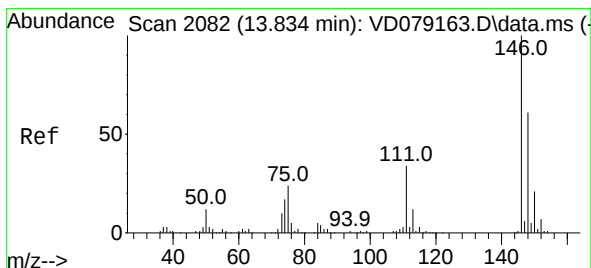
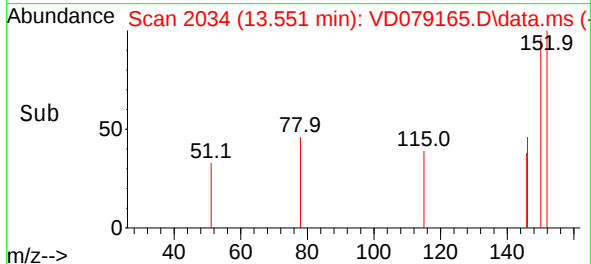
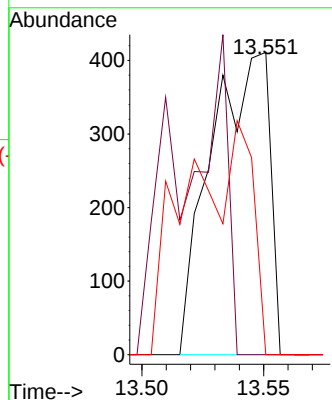
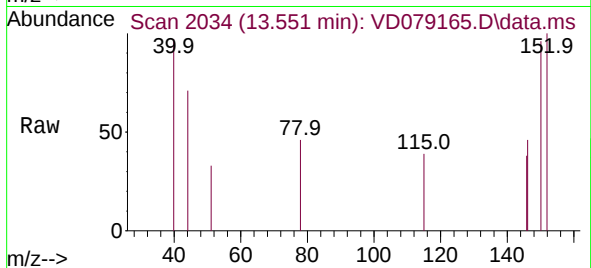
Tgt Ion:146 Resp: 685

Ion Ratio Lower Upper

146 100

111 0.0 26.3 48.9#

148 0.0 43.1 80.1#



#67

1,2-Dichlorobenzene

Concen: 0.214 ug/L

RT: 13.821 min Scan# 2080

Delta R.T. -0.012 min

Lab File: VD079165.D

Acq: 11 Jun 2024 16:35

Tgt Ion:146 Resp: 512

Ion Ratio Lower Upper

146 100

111 60.5 29.1 43.7#

148 46.1 51.2 76.8#

