

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079156.D
 Acq On : 10 Jun 2024 14:03
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

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

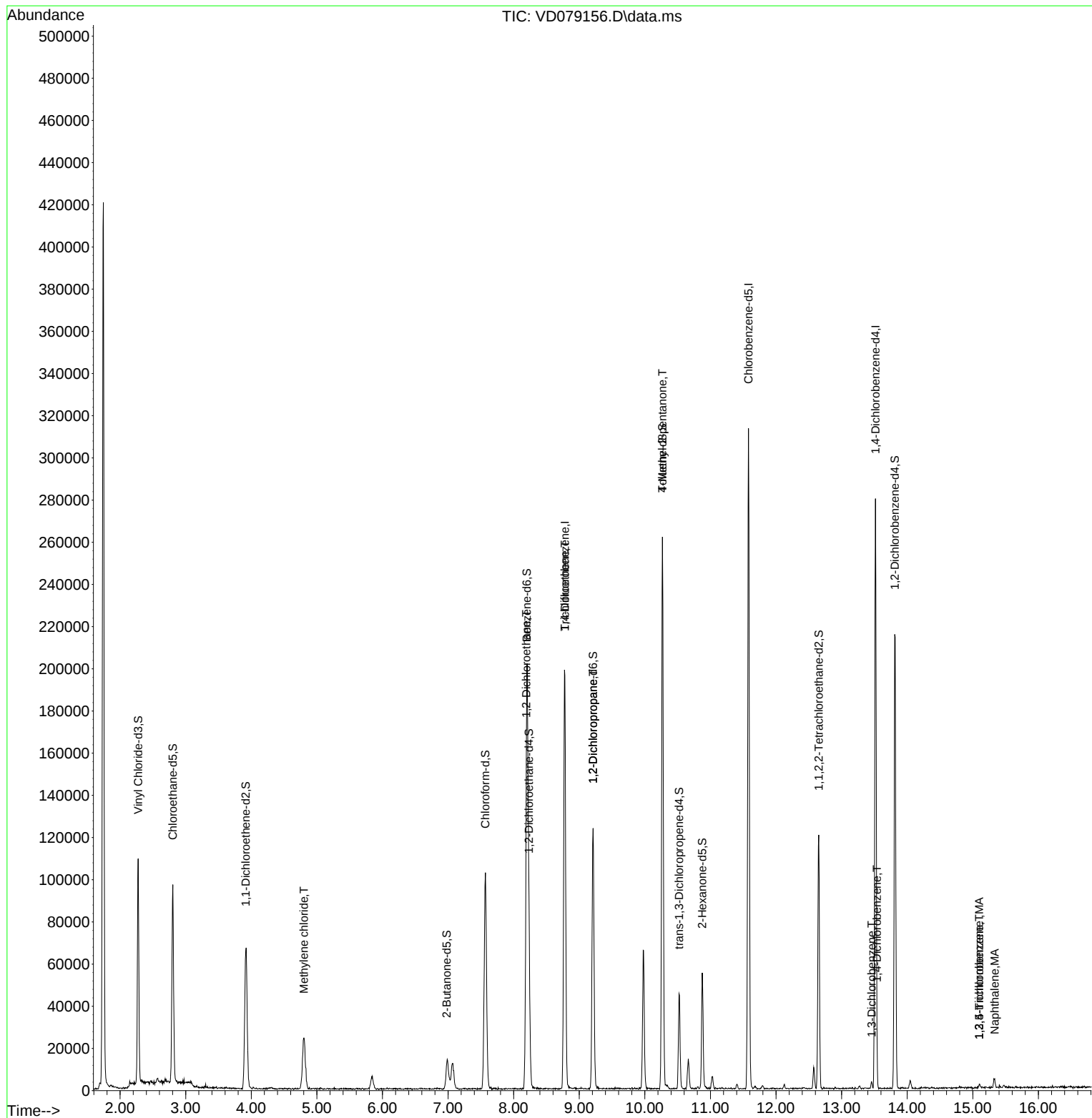
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	194164	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	191525	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	79640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	100304	16.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.160%
7) Chloroethane-d5	2.805	69	95091	16.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.840%
11) 1,1-Dichloroethene-d2	3.916	65	19133	18.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.160%
21) 2-Butanone-d5	6.981	46	23854	52.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.400%
24) Chloroform-d	7.569	84	110308	20.319	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.280%
26) 1,2-Dichloroethane-d4	8.234	65	54848	21.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.199	84	216068	20.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	9.210	67	65469	21.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.640%
41) Toluene-d8	10.269	98	187501	18.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.440%
43) trans-1,3-Dichloroprop...	10.522	79	27318	21.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.875	63	19075	48.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61547	22.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	64063	23.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.240%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	20188	5.835	ug/L	94
27) 1,2-Dichloroethane	8.193	62	613	0.199	ug/L #	72
34) Trichloroethene	8.781	95	5081	1.729	ug/L #	1
37) 1,2-Dichloropropane	9.210	63	6449	2.308	ug/L #	85
40) 4-Methyl-2-pentanone	10.269	43	611	0.524	ug/L #	1
64) 1,3-Dichlorobenzene	13.457	146	1722	0.340	ug/L	83
65) 1,4-Dichlorobenzene	13.539	146	1646	0.307	ug/L #	76
69) 1,3,5-Trichlorobenzene	15.098	180	968	0.303	ug/L #	75
70) 1,2,4-trichlorobenzene	15.098	180	968	0.365	ug/L #	85
71) Naphthalene	15.333	128	4780	0.965	ug/L #	91

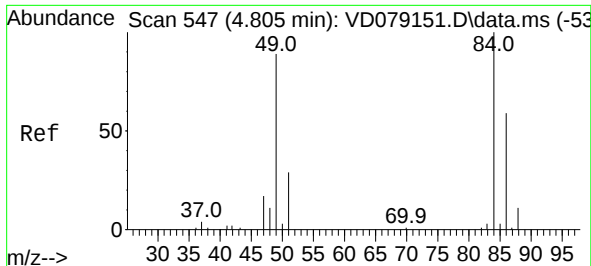
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

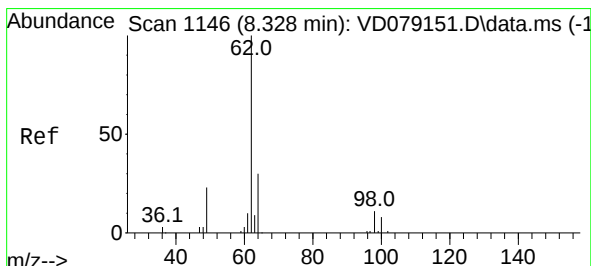
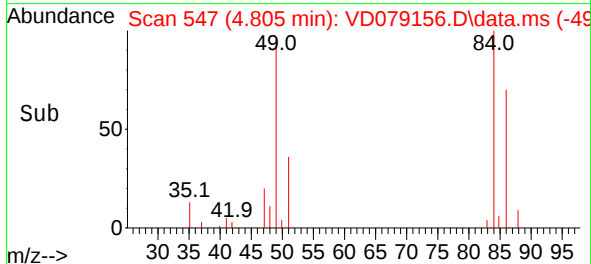
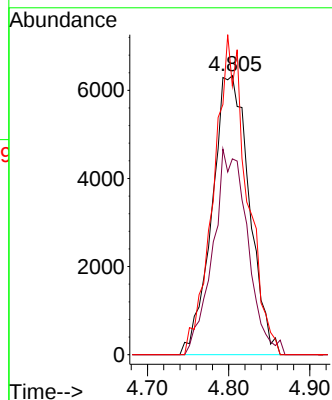
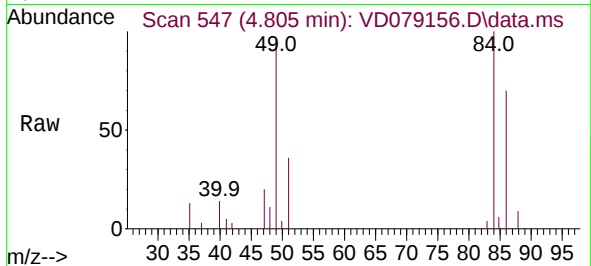




#16
Methylene chloride
Concen: 5.835 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079156.D
Acq: 10 Jun 2024 14:03

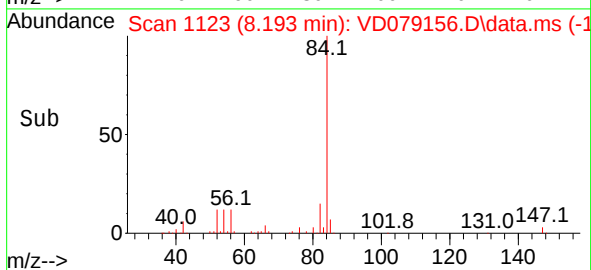
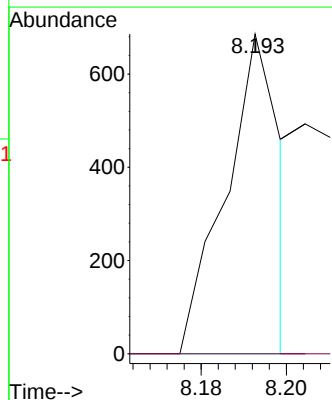
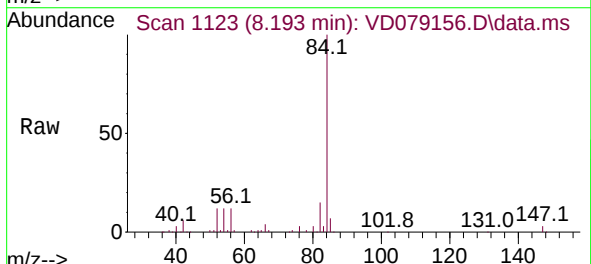
Instrument :
MSVOA_D
ClientSampleId :

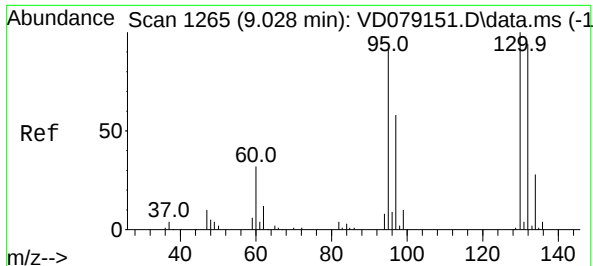
Tgt Ion: 84 Resp: 20188
Ion Ratio Lower Upper
84 100
86 70.2 40.9 76.0
49 96.2 67.5 125.3



#27
1,2-Dichloroethane
Concen: 0.199 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.135 min
Lab File: VD079156.D
Acq: 10 Jun 2024 14:03

Tgt Ion: 62 Resp: 613
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 1.729 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD079156.D

Acq: 10 Jun 2024 14:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 5081

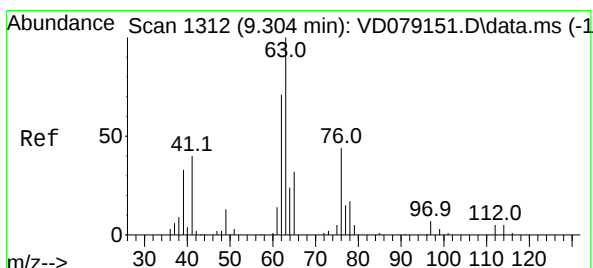
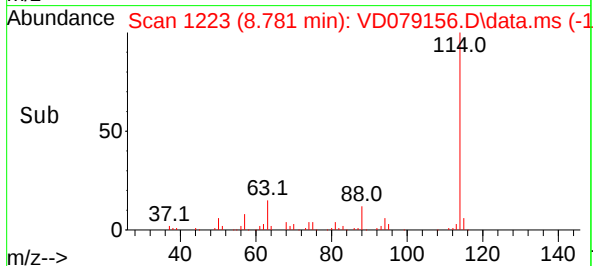
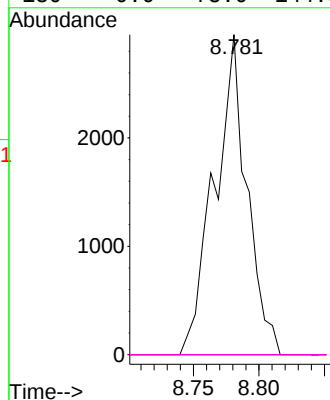
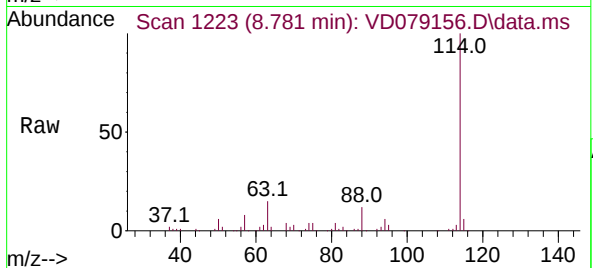
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#37

1,2-Dichloropropane

Concen: 2.308 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD079156.D

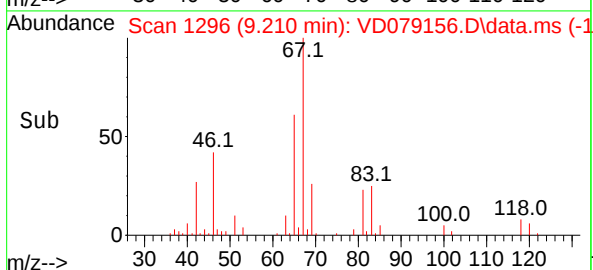
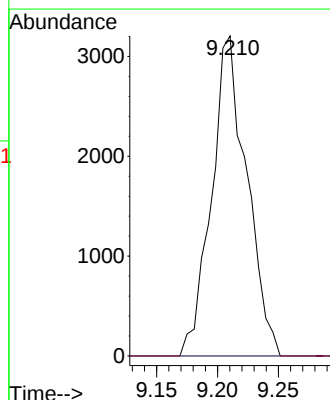
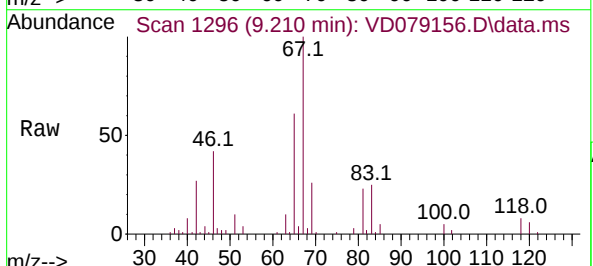
Acq: 10 Jun 2024 14:03

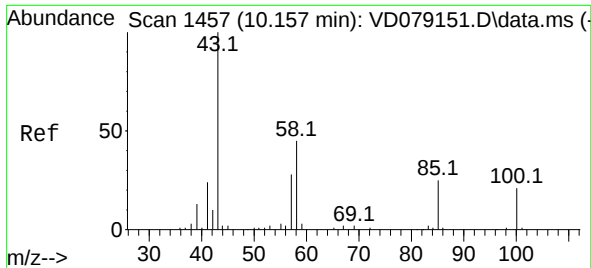
Tgt Ion: 63 Resp: 6449

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#40

4-Methyl-2-pentanone

Concen: 0.524 ug/L

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD079156.D

Acq: 10 Jun 2024 14:03

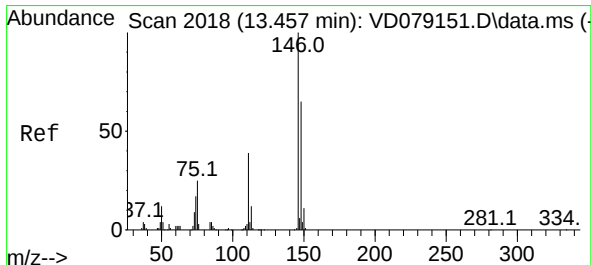
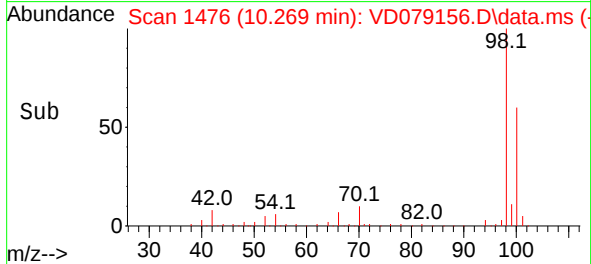
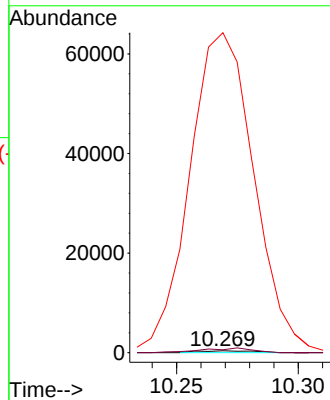
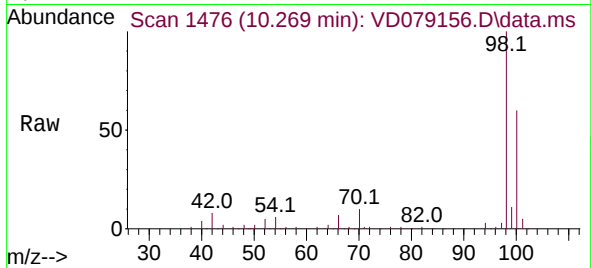
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 611

Ion	Ratio	Lower	Upper
43	100		
58	220.3	34.0	51.0#
100	19425.2	16.9	25.3#



#64

1,3-Dichlorobenzene

Concen: 0.340 ug/L

RT: 13.457 min Scan# 2018

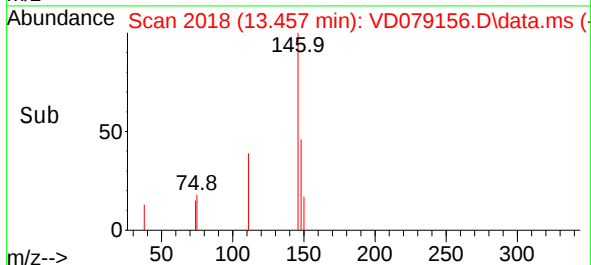
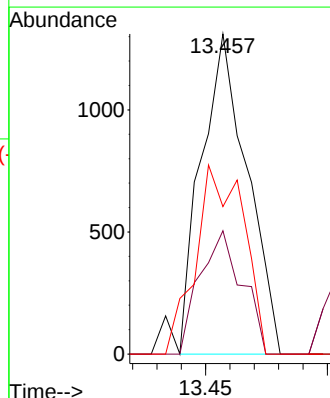
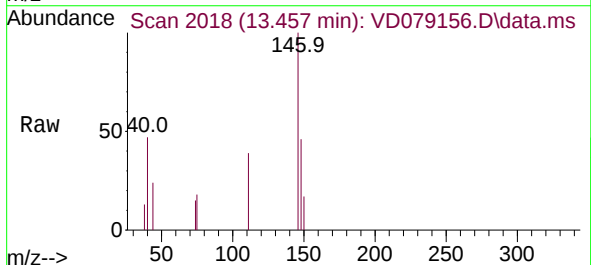
Delta R.T. -0.000 min

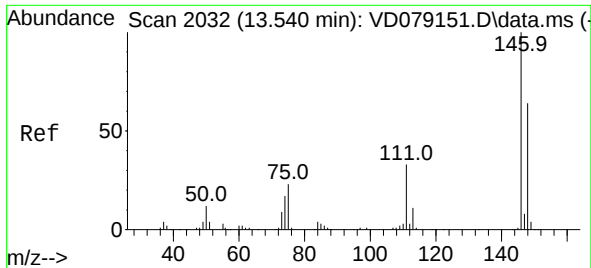
Lab File: VD079156.D

Acq: 10 Jun 2024 14:03

Tgt Ion: 146 Resp: 1722

Ion	Ratio	Lower	Upper
146	100		
111	38.5	24.4	45.4
148	46.1	44.9	83.3





#65

1,4-Dichlorobenzene

Concen: 0.307 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

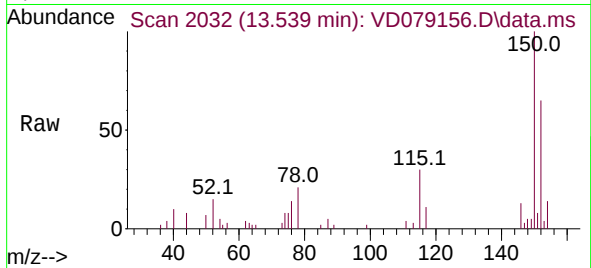
Lab File: VD079156.D

Acq: 10 Jun 2024 14:03

Instrument :

MSVOA_D

ClientSampleId :



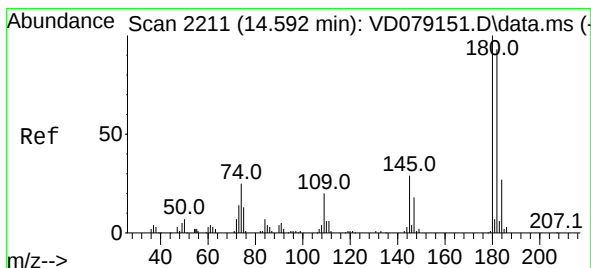
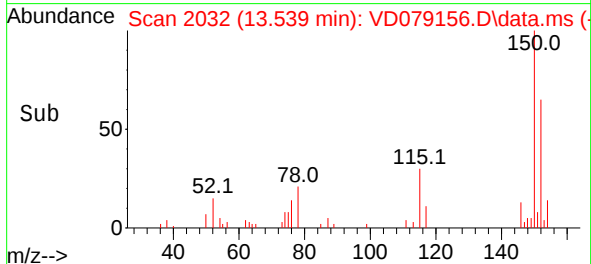
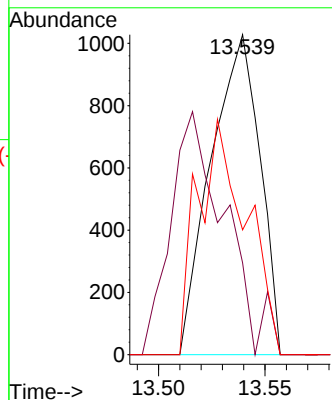
Tgt Ion:146 Resp: 1646

Ion Ratio Lower Upper

146 100

111 28.7 26.3 48.9

148 39.0 43.1 80.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.303 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.506 min

Lab File: VD079156.D

Acq: 10 Jun 2024 14:03

Tgt Ion:180 Resp: 968

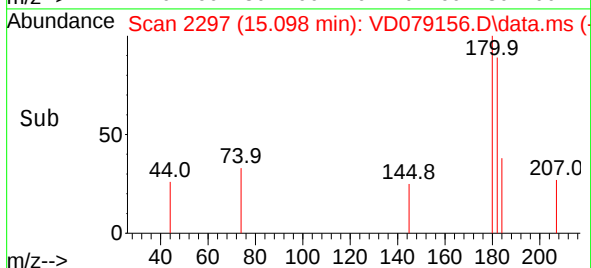
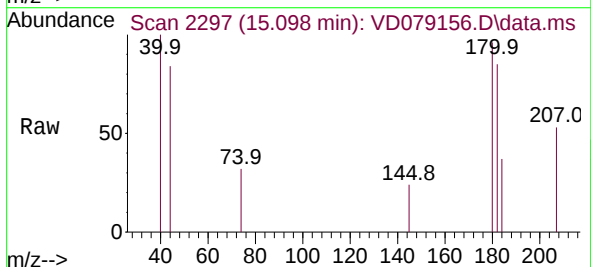
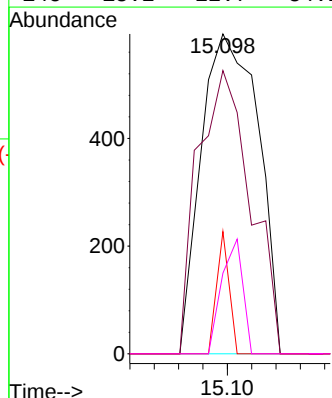
Ion Ratio Lower Upper

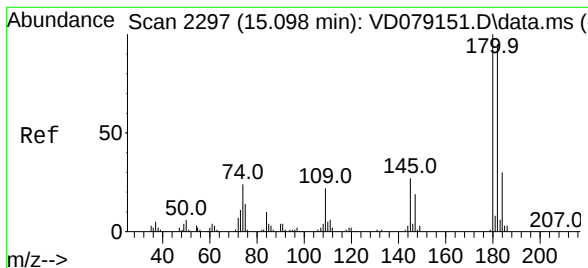
180 100

182 81.8 76.9 115.3

184 0.0 23.3 34.9#

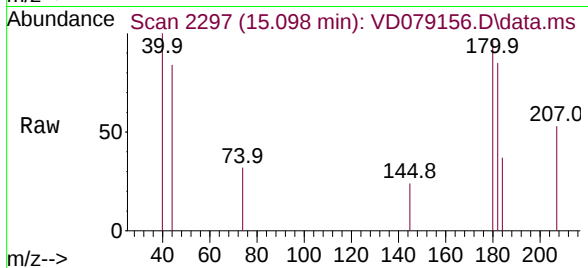
145 13.2 22.7 34.1#



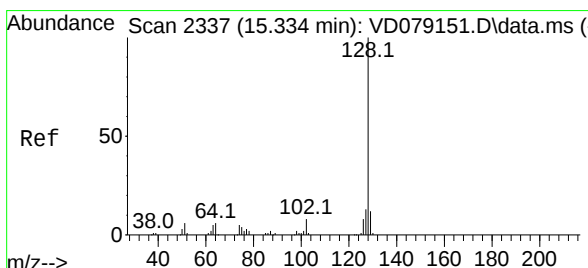
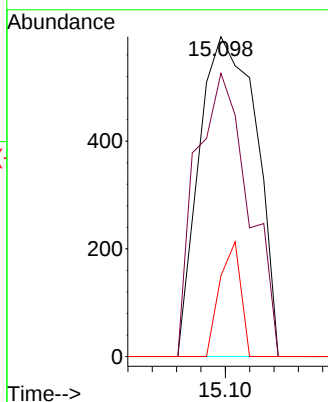
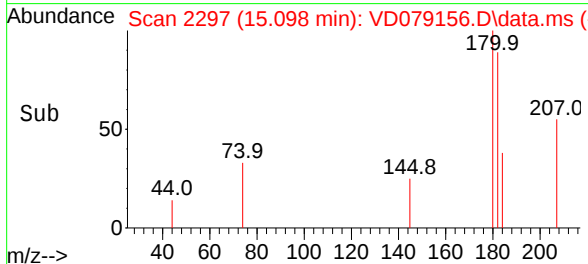


#70
1,2,4-trichlorobenzene
Concen: 0.365 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD079156.D
Acq: 10 Jun 2024 14:03

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 968
Ion Ratio Lower Upper
180 100
182 81.8 73.8 110.6
145 13.2 22.3 33.5#



#71
Naphthalene
Concen: 0.965 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD079156.D
Acq: 10 Jun 2024 14:03

Tgt Ion:128 Resp: 4780
Ion Ratio Lower Upper
128 100
127 19.0 10.8 16.2#
129 9.6 8.5 12.7

