

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061124\
 Data File : VD079169.D
 Acq On : 11 Jun 2024 18:23
 Operator : RP/MD
 Sample : P2775-12
 Misc : 4.83G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 12 01:07:28 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)

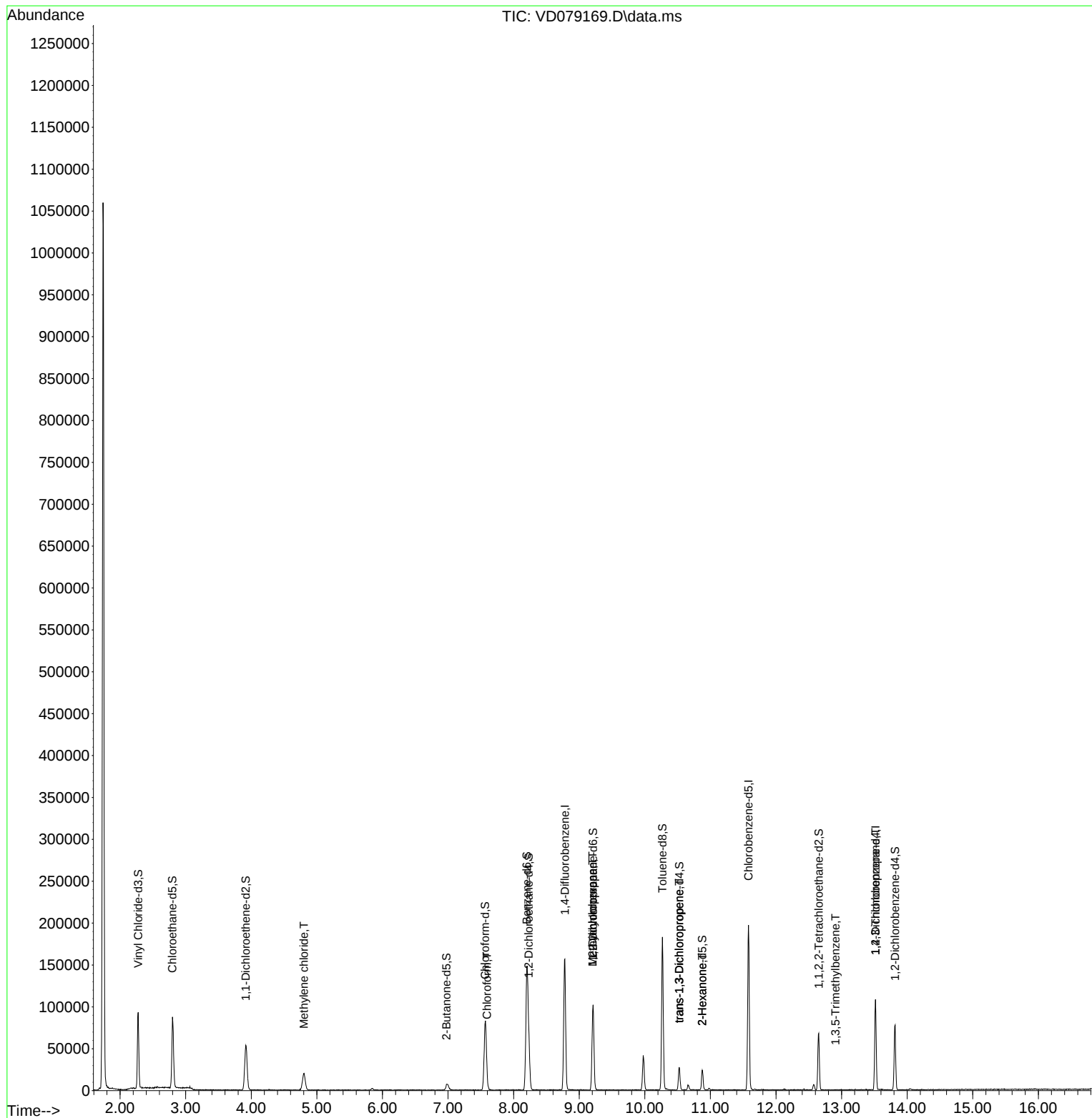
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	150689	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	121622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	31805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	86036	18.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
7) Chloroethane-d5	2.799	69	87859	19.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	3.917	65	14782	17.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.840%
21) 2-Butanone-d5	6.975	46	13667	38.533	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.060%
24) Chloroform-d	7.563	84	90814	21.554	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	8.228	65	41722	21.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.880%
32) Benzene-d6	8.199	84	167128	24.788	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	9.210	67	52567	27.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.280%
41) Toluene-d8	10.269	98	128946	20.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	10.528	79	16927	20.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.960%
47) 2-Hexanone-d5	10.875	63	9056	36.069	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	36663	21.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	21900	19.952	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	17179	6.398	ug/L	92
25) Chloroform	7.593	83	1112	0.270	ug/L	81
35) Methylcyclohexane	9.204	83	12988	4.201	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	5244	2.956	ug/L #	85
44) trans-1,3-Dichloropropene	10.522	75	677	0.289	ug/L	94
48) 2-Hexanone	10.875	43	676	1.055	ug/L #	62
61) 1,2,3-Trichloropropane	13.516	75	3806	6.778	ug/L #	57
62) 1,3,5-Trimethylbenzene	12.904	105	295	0.103	ug/L #	27

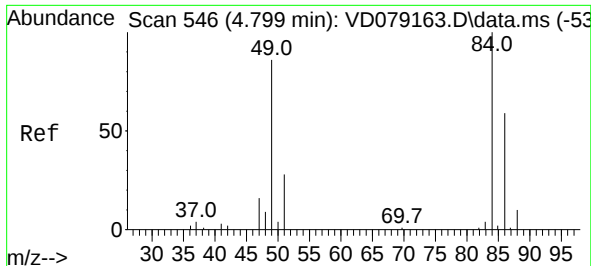
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.398 ug/L

RT: 4.805 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD079169.D

Acq: 11 Jun 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

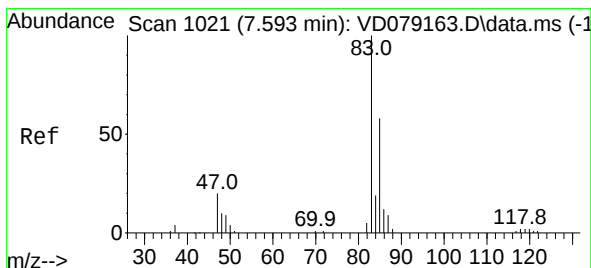
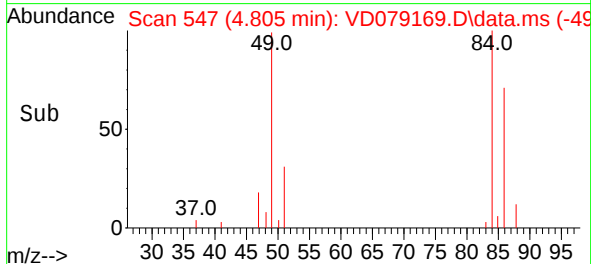
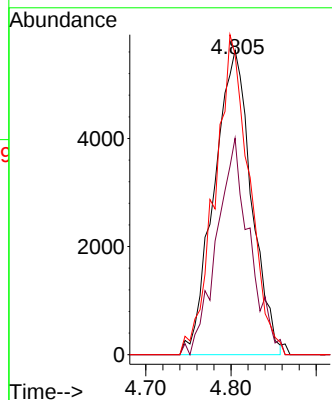
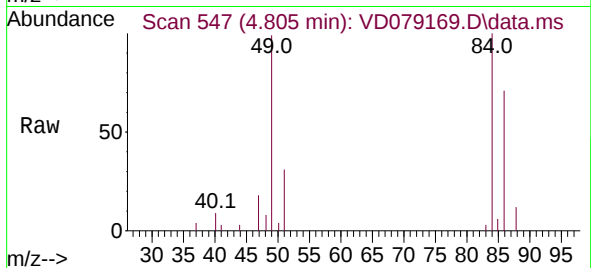
Tgt Ion: 84 Resp: 17179

Ion Ratio Lower Upper

84 100

86 71.1 40.9 76.0

49 98.6 67.5 125.3



#25

Chloroform

Concen: 0.270 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079169.D

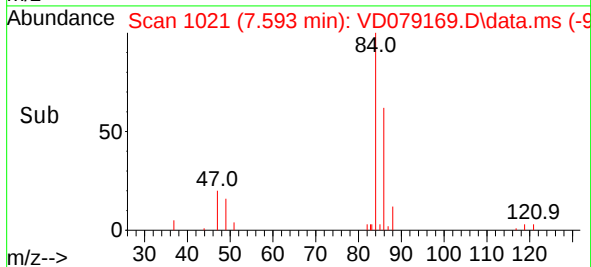
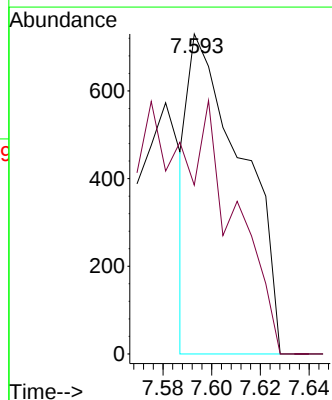
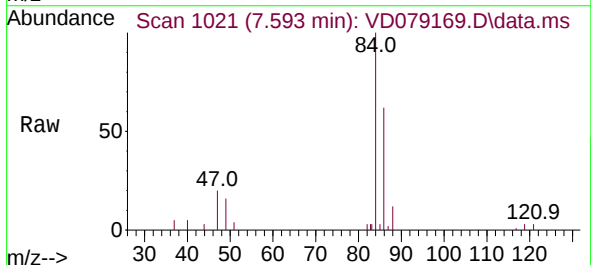
Acq: 11 Jun 2024 18:23

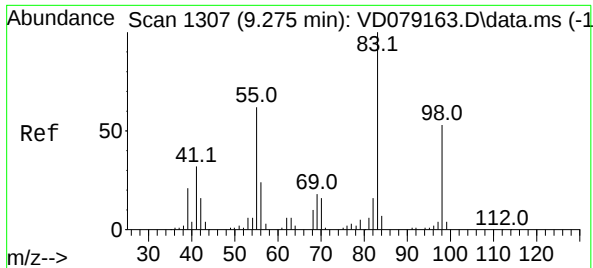
Tgt Ion: 83 Resp: 1112

Ion Ratio Lower Upper

83 100

85 52.7 47.9 89.1





#35

Methylcyclohexane

Concen: 4.201 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

Lab File: VD079169.D

Acq: 11 Jun 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

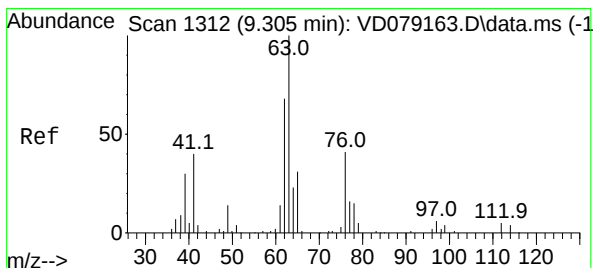
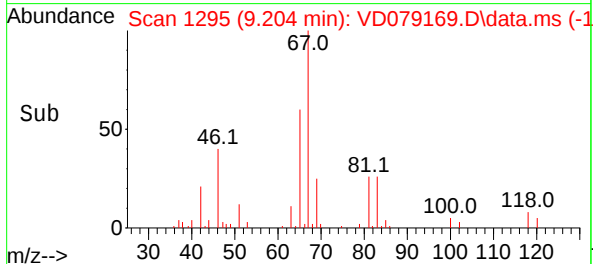
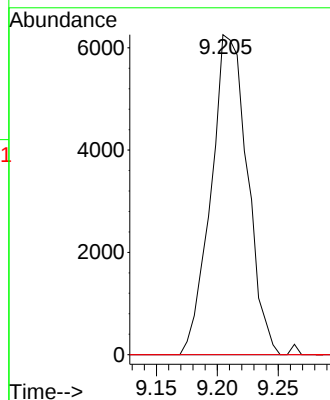
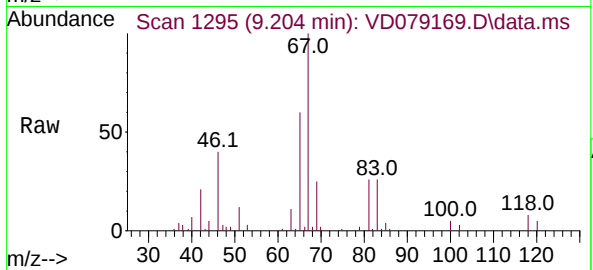
Tgt Ion: 83 Resp: 12988

Ion Ratio Lower Upper

83 100

55 0.0 48.6 72.8#

98 0.0 40.2 60.2#



#37

1,2-Dichloropropane

Concen: 2.956 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD079169.D

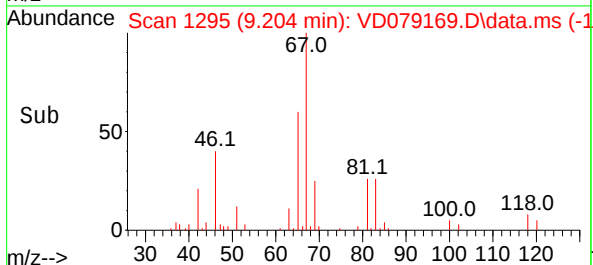
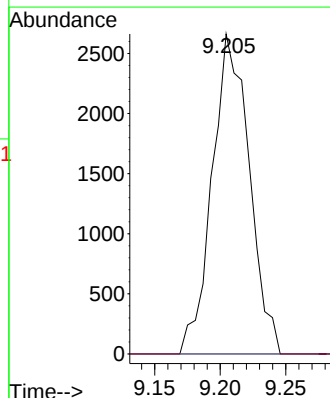
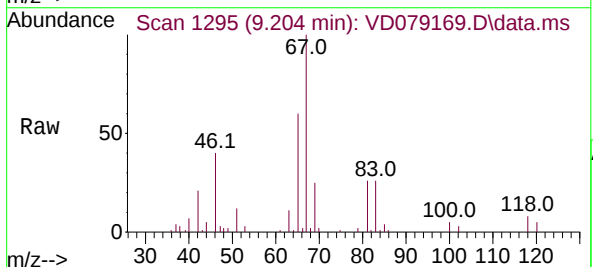
Acq: 11 Jun 2024 18:23

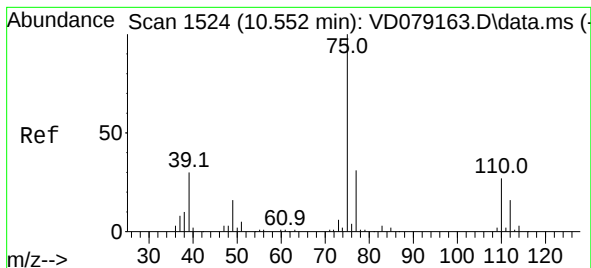
Tgt Ion: 63 Resp: 5244

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

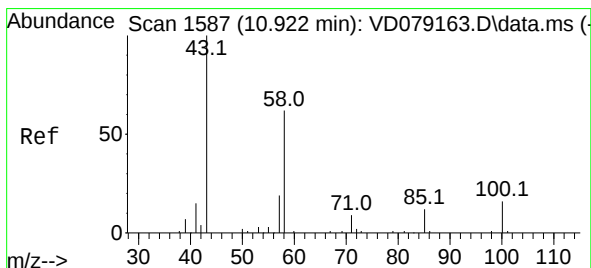
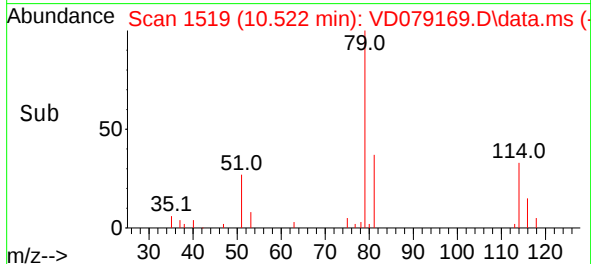
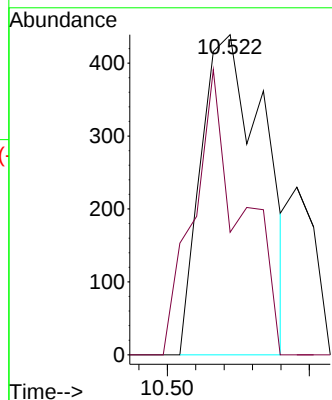
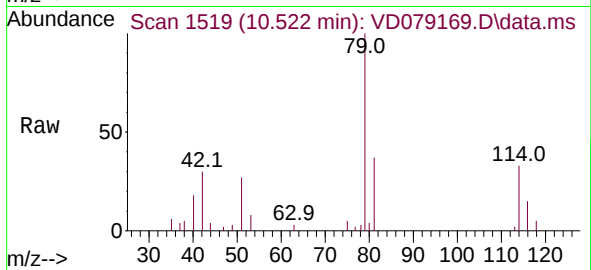




#44
trans-1,3-Dichloropropene
Concen: 0.289 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.030 min
Lab File: VD079169.D
Acq: 11 Jun 2024 18:23

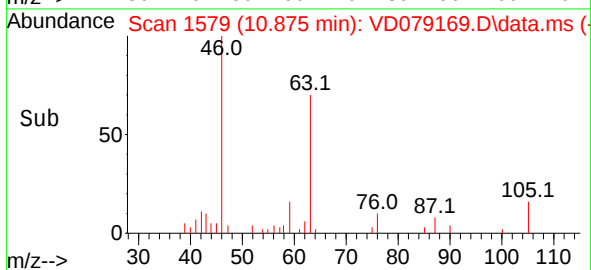
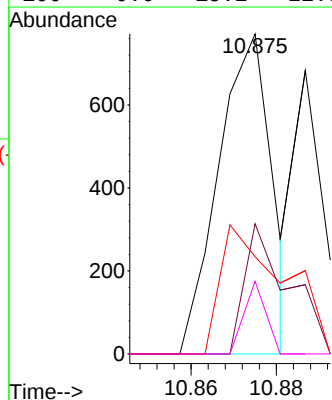
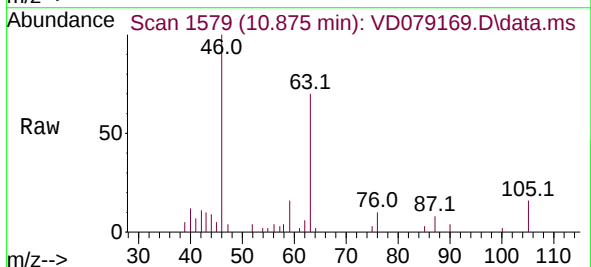
Instrument :
MSVOA_D
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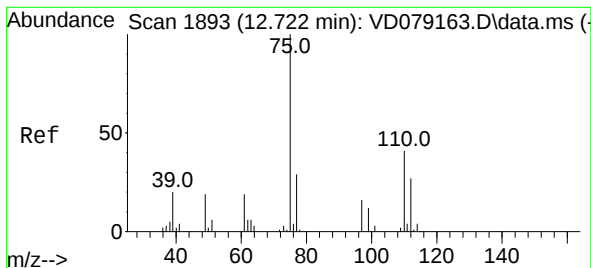
Tgt Ion: 75 Resp: 677
Ion Ratio Lower Upper
75 100
77 38.3 24.3 45.1



#48
2-Hexanone
Concen: 1.055 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.047 min
Lab File: VD079169.D
Acq: 11 Jun 2024 18:23

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 33.1 50.1 75.1#
57 37.4 16.5 24.7#
100 0.0 15.2 22.8#





#61

1,2,3-Trichloropropane

Concen: 6.778 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.794 min

Lab File: VD079169.D

Acq: 11 Jun 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

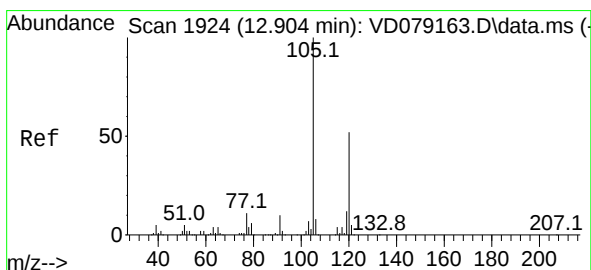
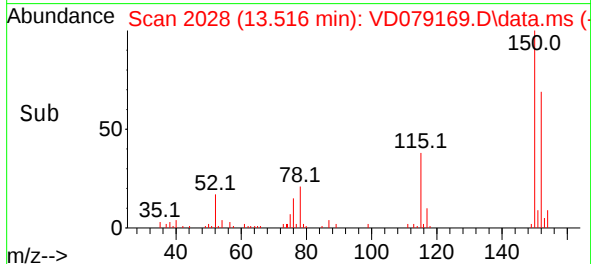
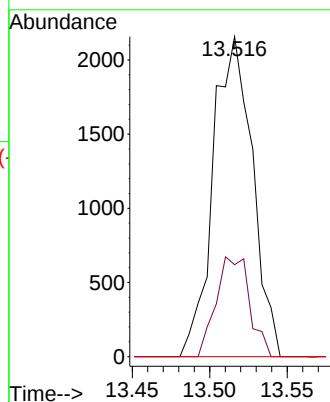
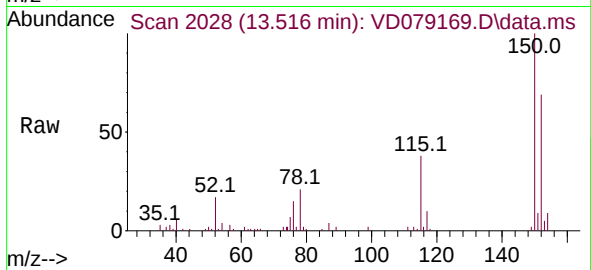
Tgt Ion: 75 Resp: 3806

Ion Ratio Lower Upper

75 100

77 26.6 25.9 38.9

110 0.0 34.2 51.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.103 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079169.D

Acq: 11 Jun 2024 18:23

Tgt Ion:105 Resp: 295

Ion Ratio Lower Upper

105 100

120 0.0 40.7 61.1#

