

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079896.D
 Acq On : 25 Sep 2024 17:28
 Operator : RP/MD
 Sample : P4162-06
 Misc : 5.36G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 26 01:57:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:54:46 2024
 Response via : Initial Calibration

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

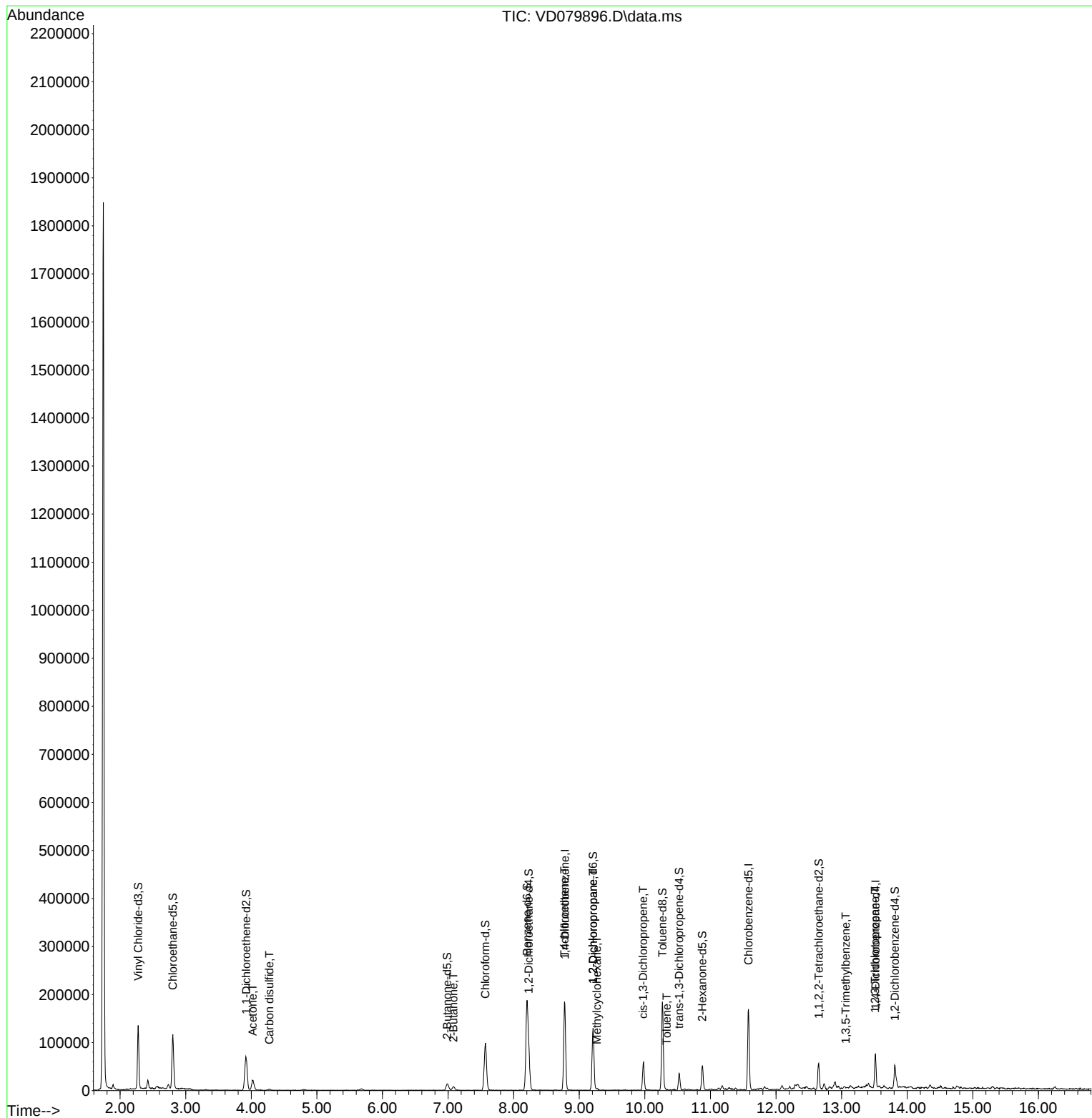
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	157330	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	94995	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	17702	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	120665	17.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.560%
7) Chloroethane-d5	2.805	69	118027	21.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
11) 1,1-Dichloroethene-d2	3.922	65	21019	16.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.680%
21) 2-Butanone-d5	6.987	46	24482	38.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.040%
24) Chloroform-d	7.569	84	100837	19.498	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	8.228	65	55208	20.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.640%
32) Benzene-d6	8.204	84	193558	28.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.440%
36) 1,2-Dichloropropane-d6	9.210	67	65481	31.879	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.520%#
41) Toluene-d8	10.269	98	125932	21.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.360%
43) trans-1,3-Dichloroprop...	10.522	79	19919	22.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.875	63	16996	50.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	27093	17.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	11299	16.925	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.720%#
Target Compounds						Qvalue
13) Acetone	4.022	43	34393	44.382	ug/L	97
14) Carbon disulfide	4.275	76	3660	0.471	ug/L #	75
22) 2-Butanone	7.081	43	12360	13.597	ug/L	80
34) Trichloroethene	8.775	95	5102	3.122	ug/L #	8
35) Methylcyclohexane	9.269	83	676	0.256	ug/L #	57
37) 1,2-Dichloropropane	9.210	63	7231	3.748	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	1752	0.647	ug/L	87
42) Toluene	10.334	91	1006	0.135	ug/L #	24
61) 1,2,3-Trichloropropane	13.510	75	2401	5.518	ug/L #	60
62) 1,3,5-Trimethylbenzene	13.063	105	677	0.303	ug/L #	29

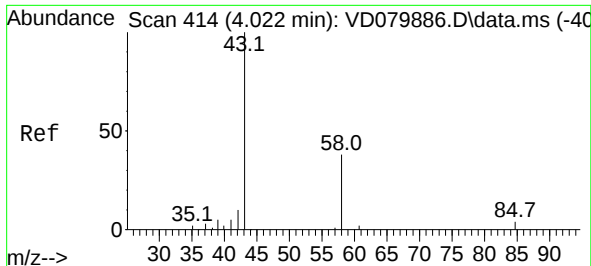
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Sep 26 01:54:46 2024
Response via : Initial Calibration





#13

Acetone

Concen: 44.382 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079896.D

Acq: 25 Sep 2024 17:28

Instrument :

MSVOA_D

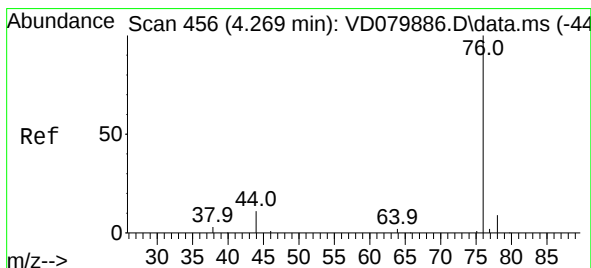
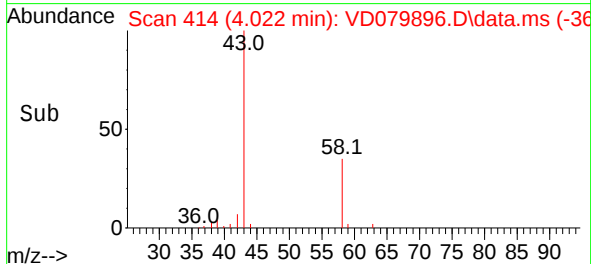
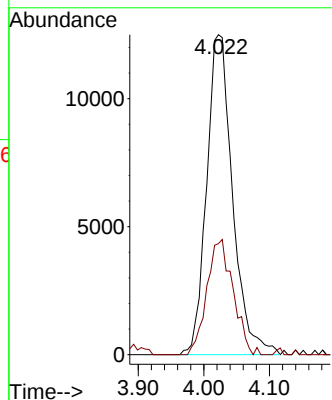
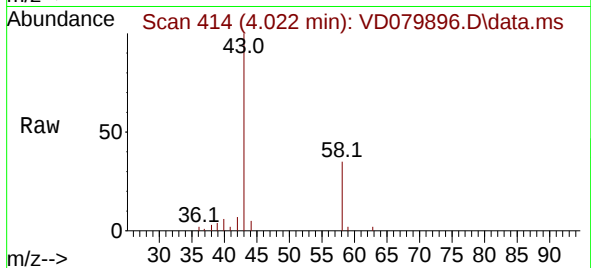
ClientSampleId :

Tgt Ion: 43 Resp: 34393

Ion Ratio Lower Upper

43 100

58 36.0 0.0 75.8



#14

Carbon disulfide

Concen: 0.471 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079896.D

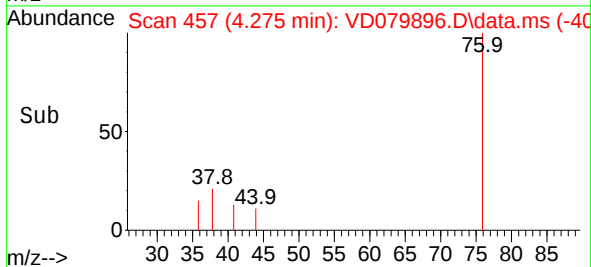
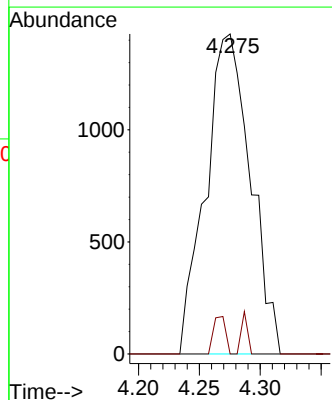
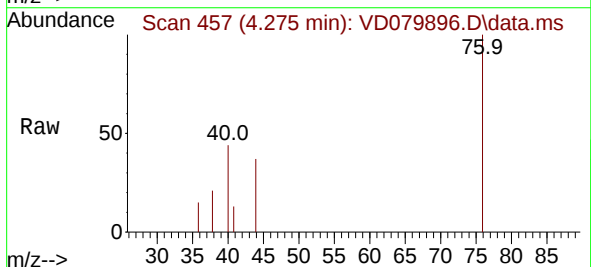
Acq: 25 Sep 2024 17:28

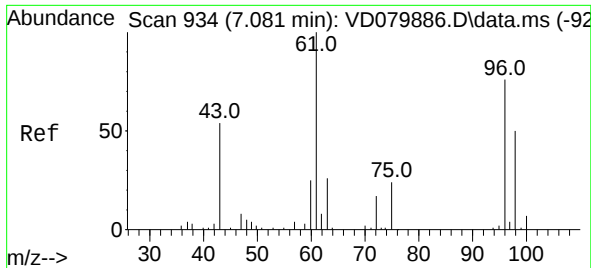
Tgt Ion: 76 Resp: 3660

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

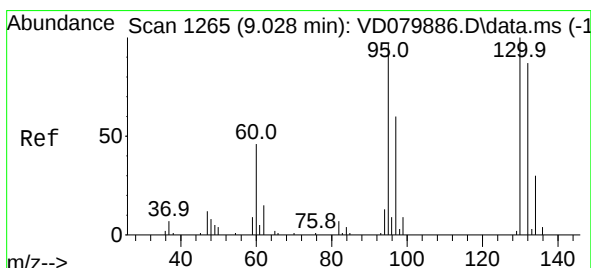
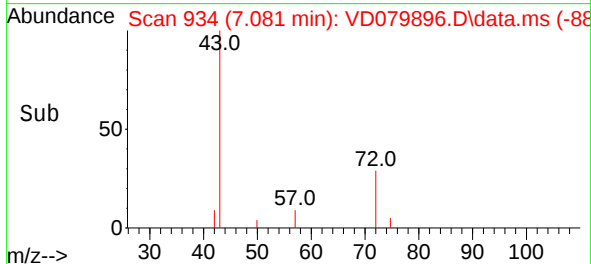
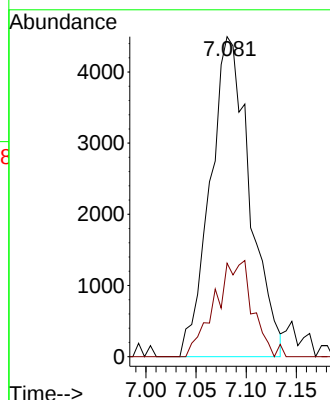
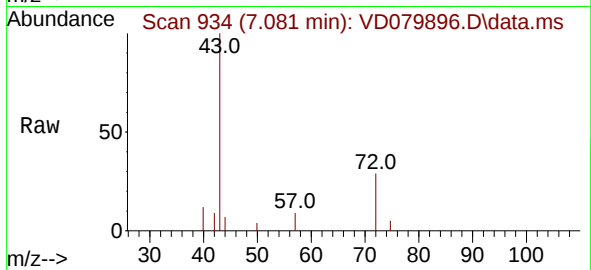




#22
2-Butanone
Concen: 13.597 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079896.D
Acq: 25 Sep 2024 17:28

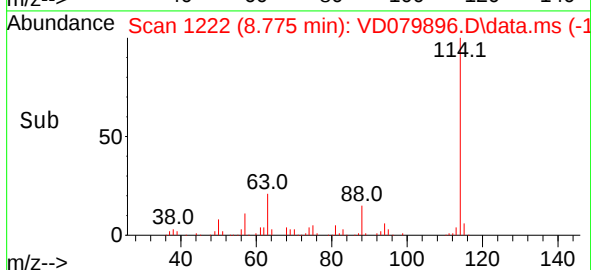
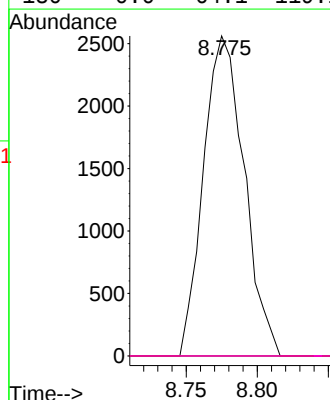
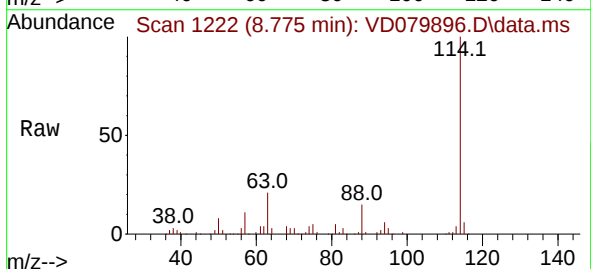
Instrument :
MSVOA_D
ClientSampleId :

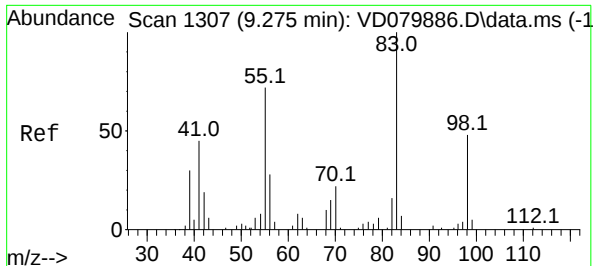
Tgt Ion: 43 Resp: 12360
Ion Ratio Lower Upper
43 100
72 15.7 13.1 39.3



#34
Trichloroethene
Concen: 3.122 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD079896.D
Acq: 25 Sep 2024 17:28

Tgt Ion: 95 Resp: 5102
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 64.5 119.7#
130 0.0 64.1 119.1#





#35

Methylcyclohexane

Concen: 0.256 ug/L

RT: 9.269 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VD079896.D

Acq: 25 Sep 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

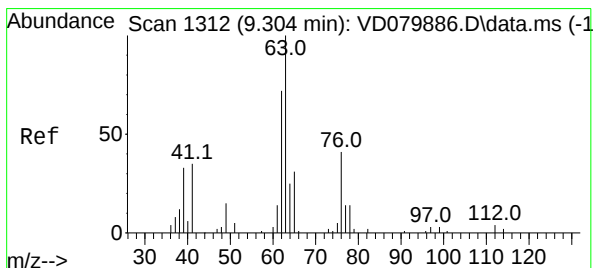
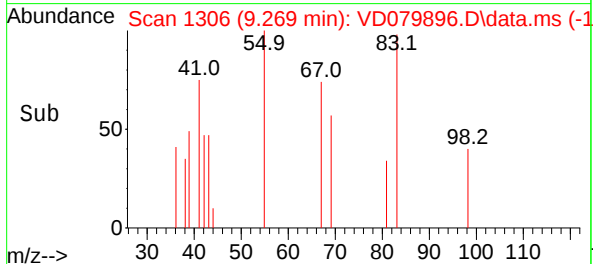
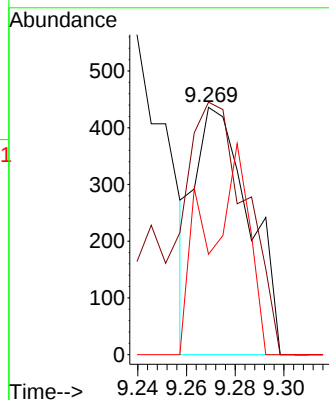
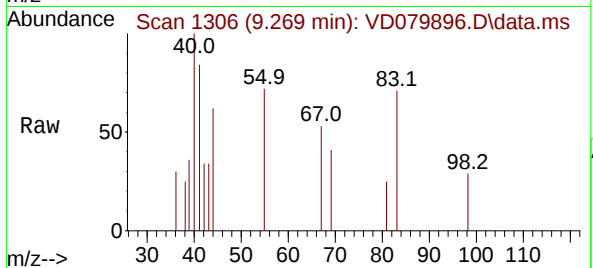
Tgt Ion: 83 Resp: 676

Ion Ratio Lower Upper

83 100

55 113.8 58.9 88.3#

98 24.6 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 3.748 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD079896.D

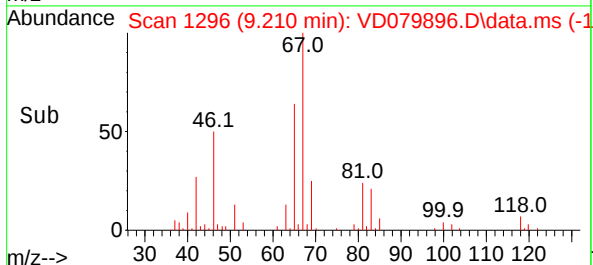
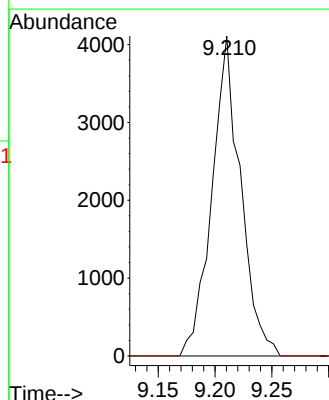
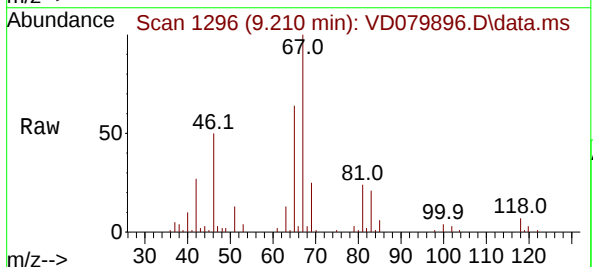
Acq: 25 Sep 2024 17:28

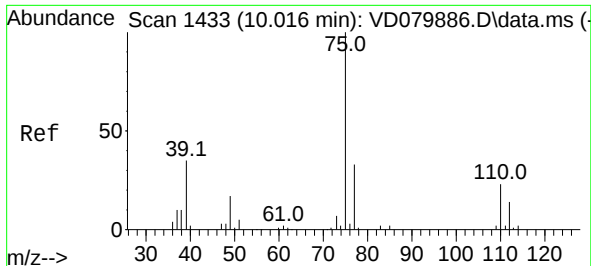
Tgt Ion: 63 Resp: 7231

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 0.647 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD079896.D

Acq: 25 Sep 2024 17:28

Instrument :

MSVOA_D

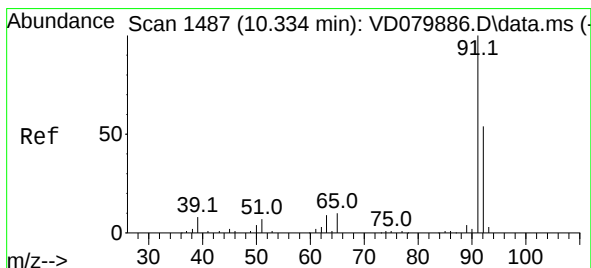
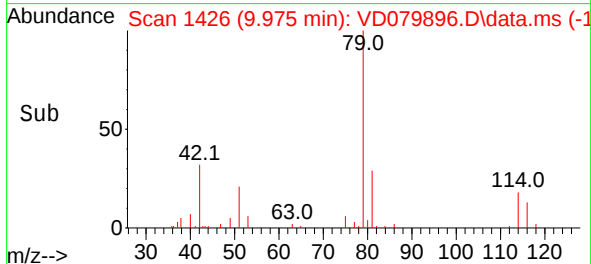
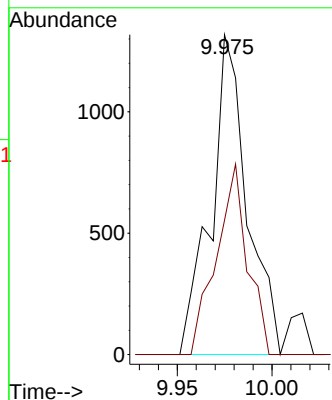
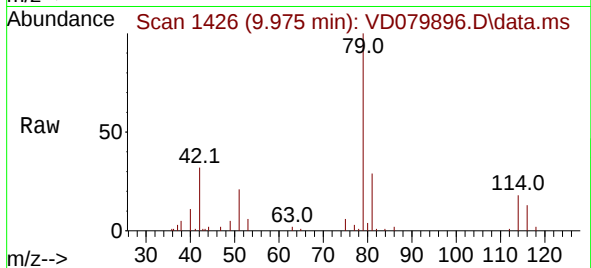
ClientSampleId :

Tgt Ion: 75 Resp: 1752

Ion Ratio Lower Upper

75 100

77 42.0 24.1 44.8



#42

Toluene

Concen: 0.135 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079896.D

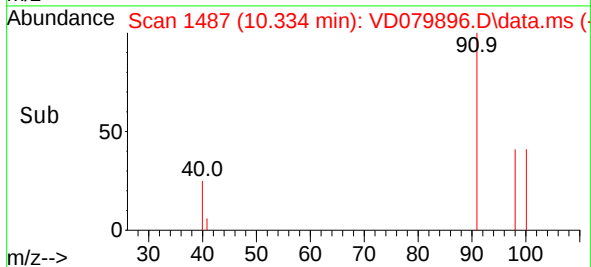
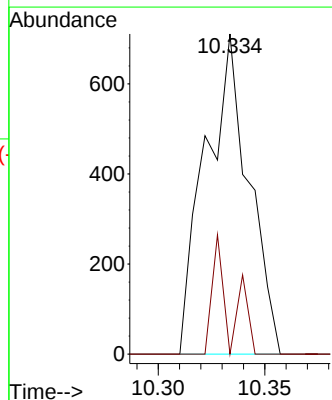
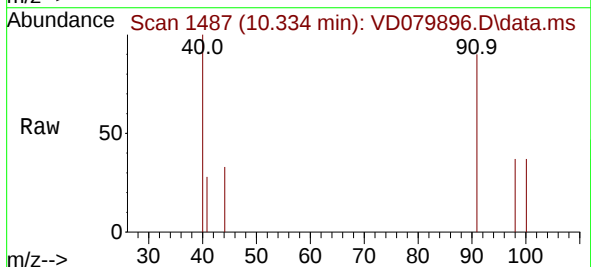
Acq: 25 Sep 2024 17:28

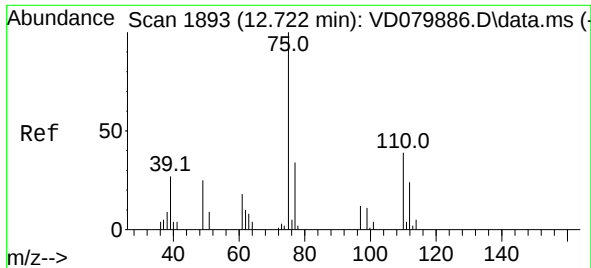
Tgt Ion: 91 Resp: 1006

Ion Ratio Lower Upper

91 100

92 0.0 38.6 71.8#





#61

1,2,3-Trichloropropane

Concen: 5.518 ug/L

RT: 13.510 min Scan# 20

Delta R.T. 0.788 min

Lab File: VD079896.D

Acq: 25 Sep 2024 17:28

Instrument :

MSVOA_D

ClientSampleId :

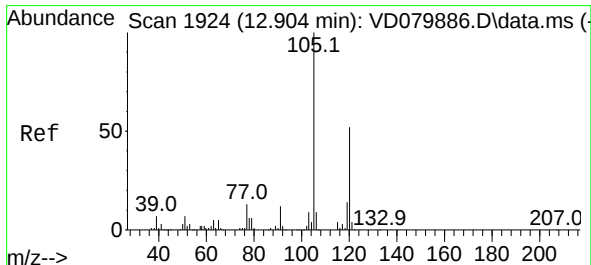
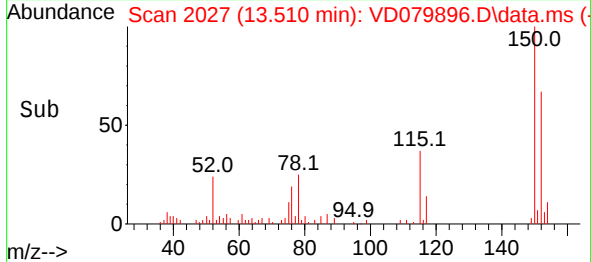
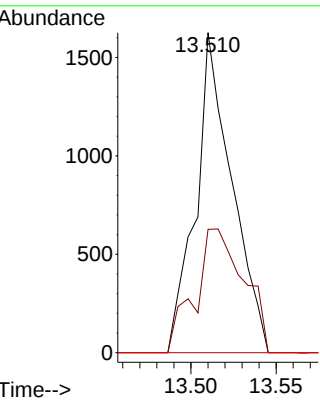
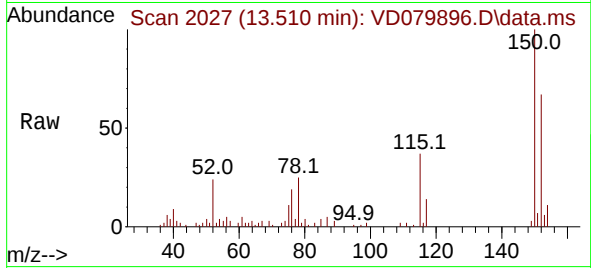
Tgt Ion: 75 Resp: 2401

Ion Ratio Lower Upper

75 100

77 24.7 25.1 37.7#

110 0.0 30.1 45.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.303 ug/L

RT: 13.063 min Scan# 1951

Delta R.T. 0.159 min

Lab File: VD079896.D

Acq: 25 Sep 2024 17:28

Tgt Ion: 105 Resp: 677

Ion Ratio Lower Upper

105 100

120 0.0 38.3 57.5#

