

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079895.D
 Acq On : 25 Sep 2024 17:01
 Operator : RP/MD
 Sample : P4162-07
 Misc : 5.09G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 26 01:57:35 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)

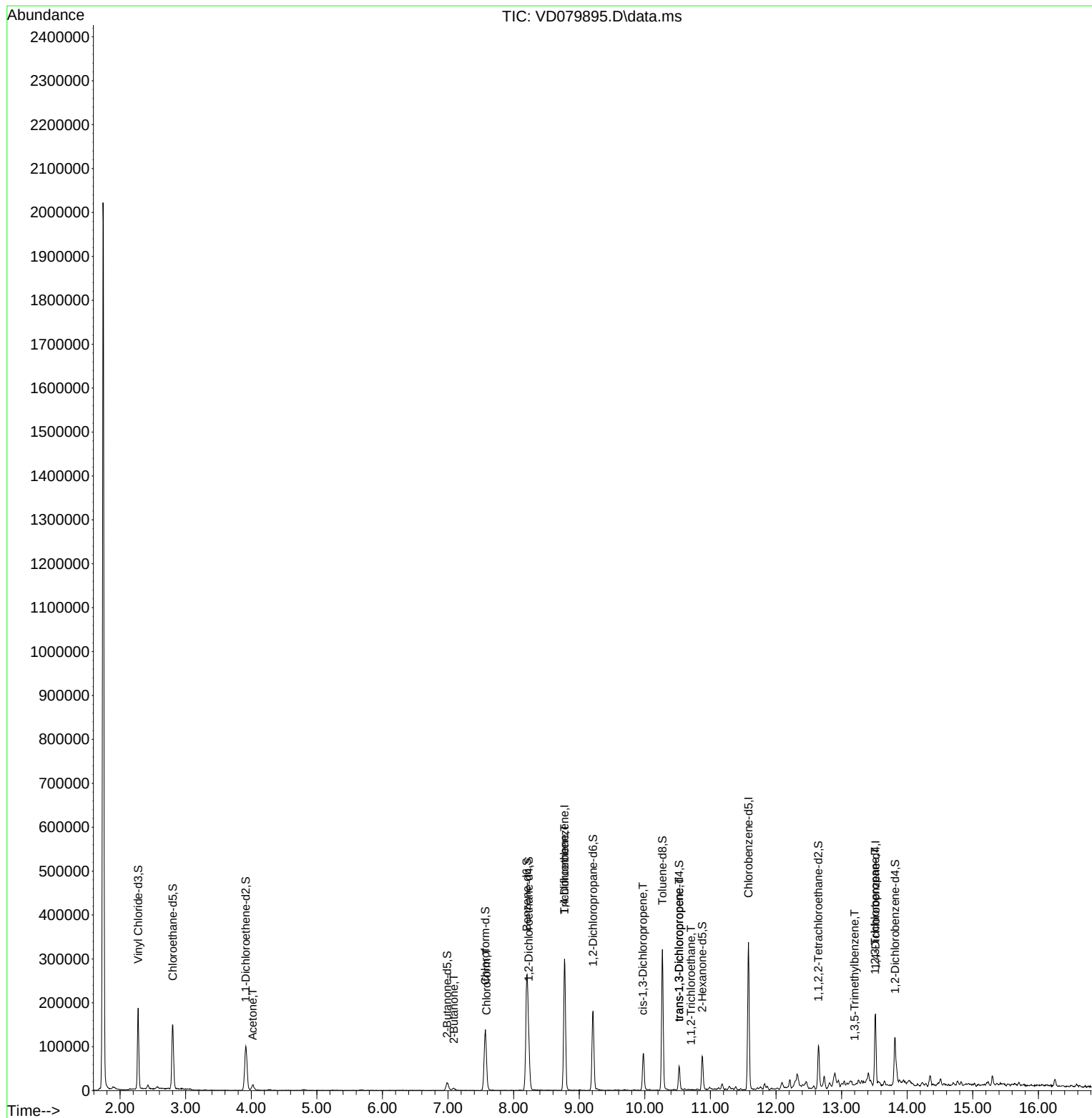
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252104	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	182381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	40288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	167830	15.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.240%
7) Chloroethane-d5	2.805	69	159730	18.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	3.917	65	29066	14.603	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.400%
21) 2-Butanone-d5	6.987	46	29886	29.342	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.680%
24) Chloroform-d	7.569	84	140122	16.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.640%
26) 1,2-Dichloroethane-d4	8.228	65	72055	16.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.520%#
32) Benzene-d6	8.199	84	279163	21.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	9.210	67	91217	23.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	10.269	98	207648	18.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.320%
43) trans-1,3-Dichloroprop...	10.522	79	30810	18.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.680%
47) 2-Hexanone-d5	10.875	63	24249	37.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.440%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	48146	16.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	25550	16.817	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.280%#
Target Compounds						Qvalue
13) Acetone	4.022	43	18640	15.011	ug/L	47
22) 2-Butanone	7.087	43	4930	3.384	ug/L	89
25) Chloroform	7.587	83	2784	0.330	ug/L	85
34) Trichloroethene	8.775	95	7858	2.504	ug/L #	8
39) cis-1,3-Dichloropropene	9.969	75	2695	0.518	ug/L	90
44) trans-1,3-Dichloropropene	10.522	75	1648	0.360	ug/L #	55
45) 1,1,2-Trichloroethane	10.704	97	371	0.147	ug/L #	13
61) 1,2,3-Trichloropropane	13.510	75	6152	6.212	ug/L #	65
62) 1,3,5-Trimethylbenzene	13.198	105	567	0.111	ug/L	99

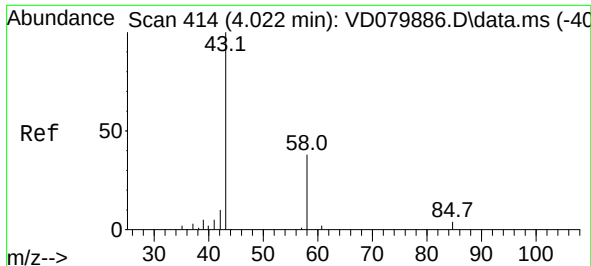
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

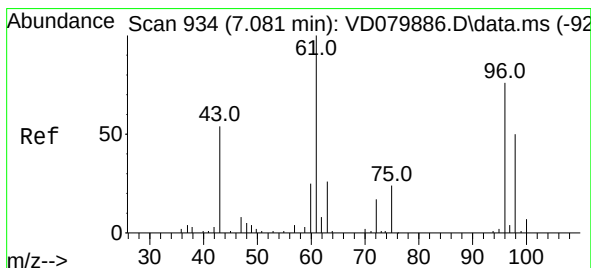
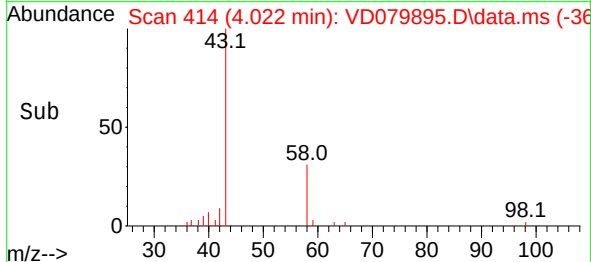
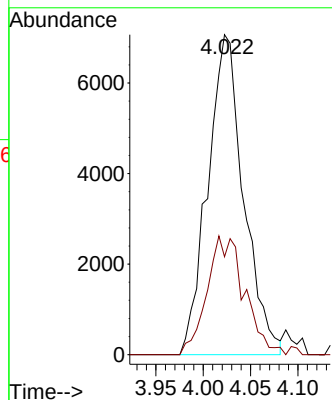
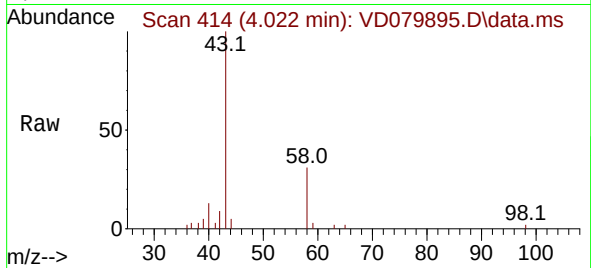




#13
Acetone
Concen: 15.011 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079895.D
Acq: 25 Sep 2024 17:01

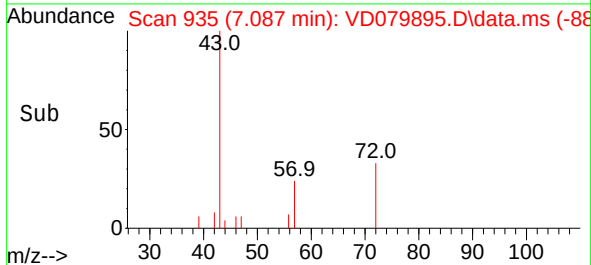
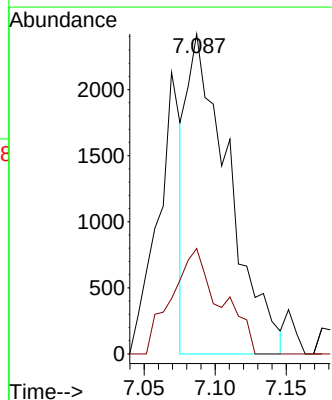
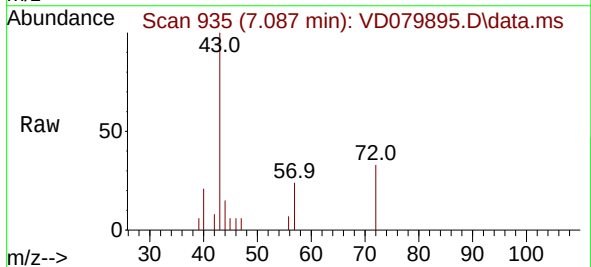
Instrument :
MSVOA_D
ClientSampleId :

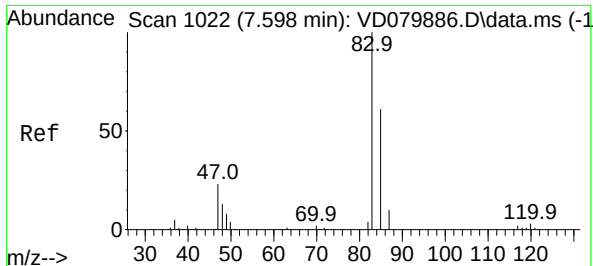
Tgt Ion: 43 Resp: 18640
Ion Ratio Lower Upper
43 100
58 5.7 0.0 75.8



#22
2-Butanone
Concen: 3.384 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD079895.D
Acq: 25 Sep 2024 17:01

Tgt Ion: 43 Resp: 4930
Ion Ratio Lower Upper
43 100
72 31.7 13.1 39.3

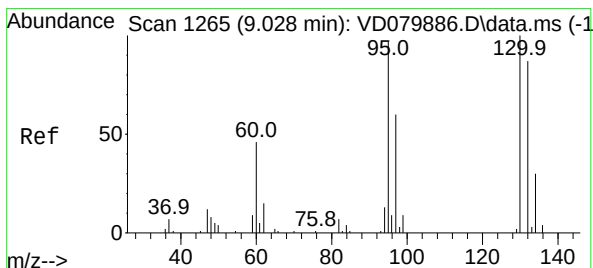
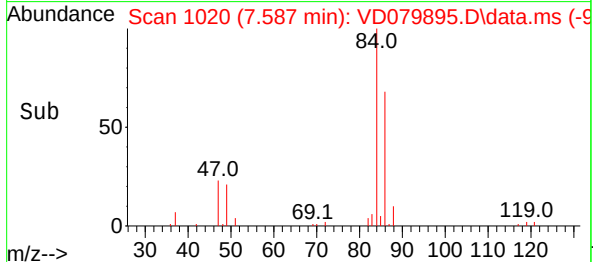
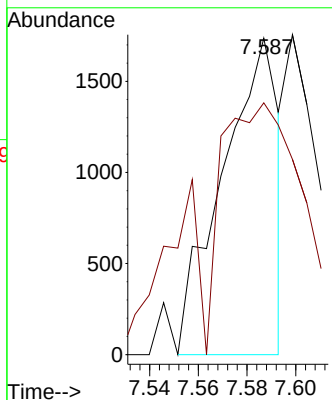
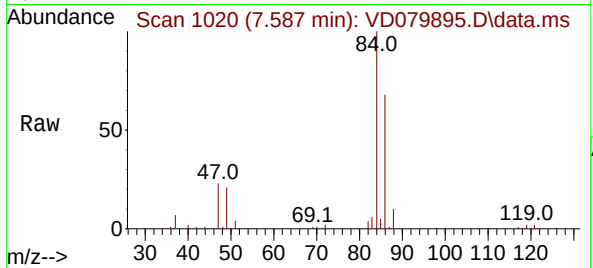




#25
Chloroform
Concen: 0.330 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.011 min
Lab File: VD079895.D
Acq: 25 Sep 2024 17:01

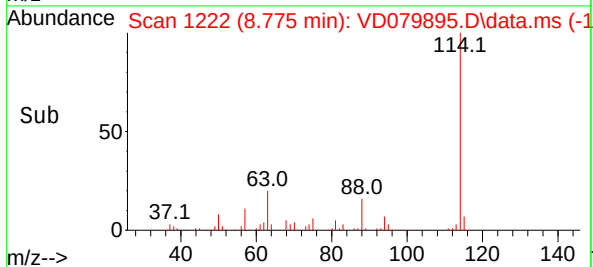
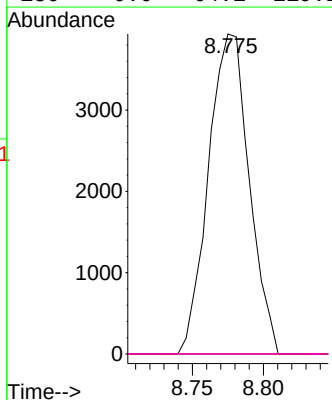
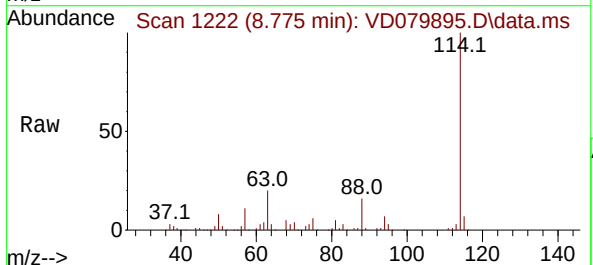
Instrument :
MSVOA_D
ClientSampleId :

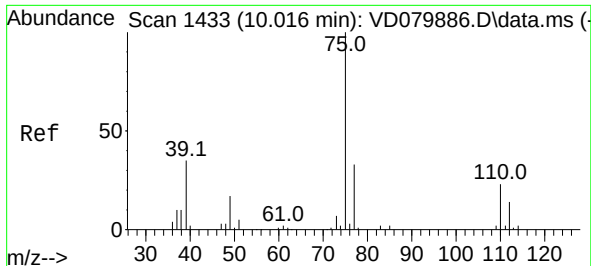
Tgt Ion: 83 Resp: 2784
Ion Ratio Lower Upper
83 100
85 79.6 47.3 87.9



#34
Trichloroethene
Concen: 2.504 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD079895.D
Acq: 25 Sep 2024 17:01

Tgt Ion: 95 Resp: 7858
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#





#39

cis-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 9.969 min Scan# 1433

Delta R.T. -0.047 min

Lab File: VD079895.D

Acq: 25 Sep 2024 17:01

Instrument :

MSVOA_D

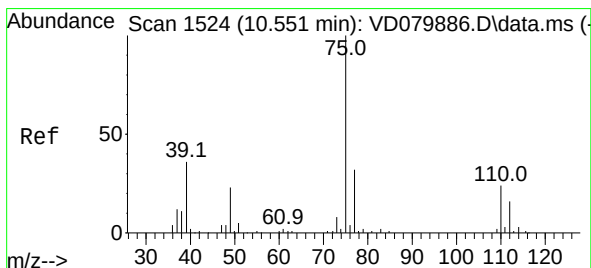
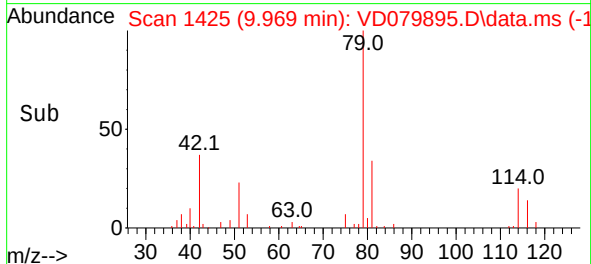
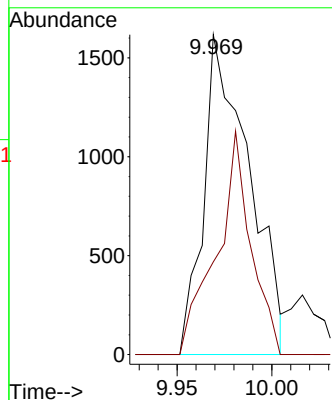
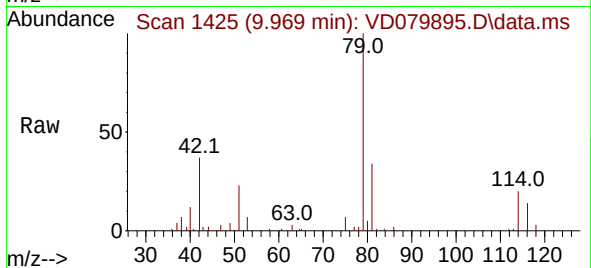
ClientSampleId :

Tgt Ion: 75 Resp: 2695

Ion Ratio Lower Upper

75 100

77 29.0 24.1 44.8



#44

trans-1,3-Dichloropropene

Concen: 0.360 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

Lab File: VD079895.D

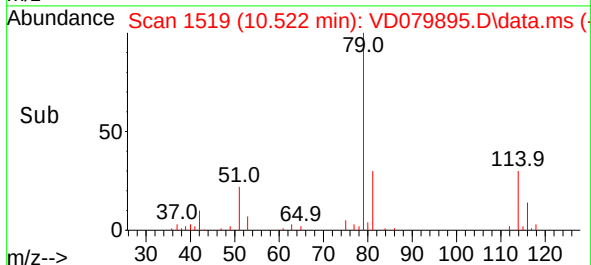
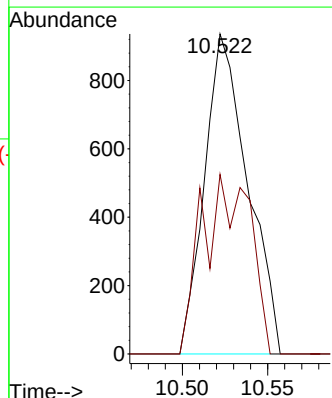
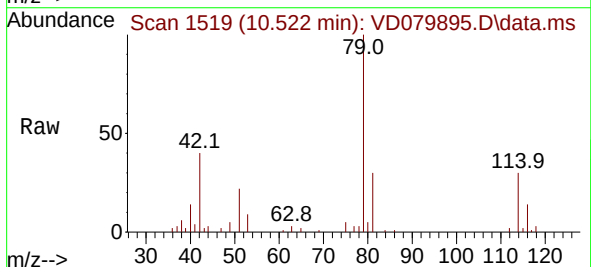
Acq: 25 Sep 2024 17:01

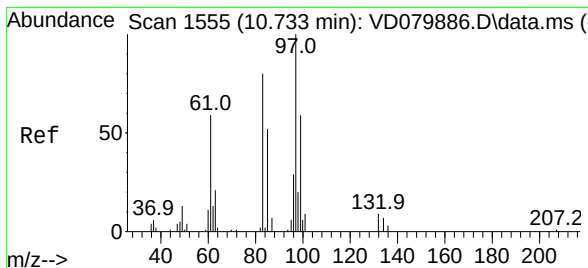
Tgt Ion: 75 Resp: 1648

Ion Ratio Lower Upper

75 100

77 56.1 21.8 40.4#





#45

1,1,2-Trichloroethane

Concen: 0.147 ug/L

RT: 10.704 min Scan# 1

Delta R.T. -0.029 min

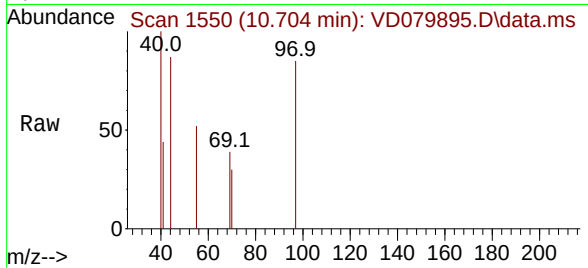
Lab File: VD079895.D

Acq: 25 Sep 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 371

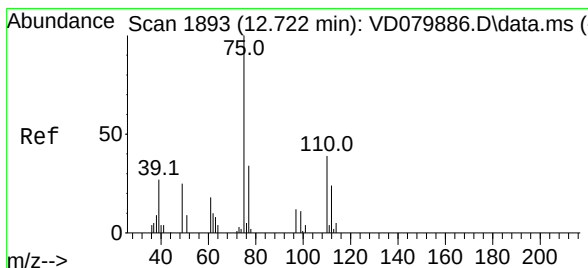
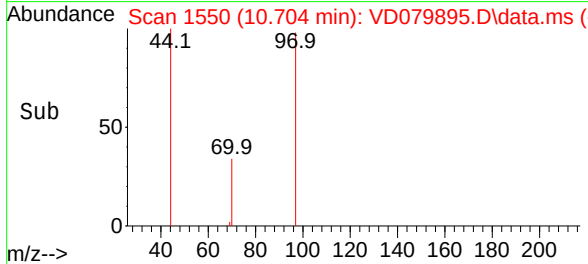
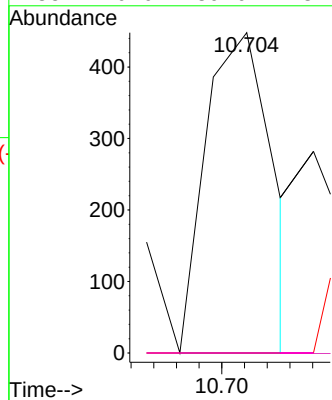
Ion Ratio Lower Upper

97 100

99 0.0 45.1 83.7#

83 0.0 65.2 121.0#

85 0.0 39.6 73.6#



#61

1,2,3-Trichloropropane

Concen: 6.212 ug/L

RT: 13.510 min Scan# 2027

Delta R.T. 0.789 min

Lab File: VD079895.D

Acq: 25 Sep 2024 17:01

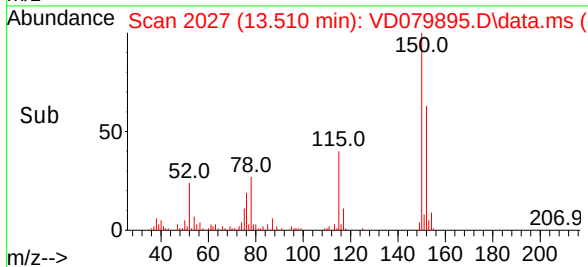
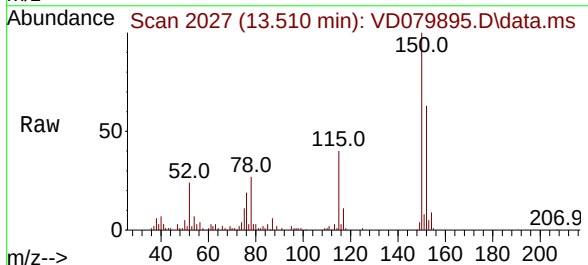
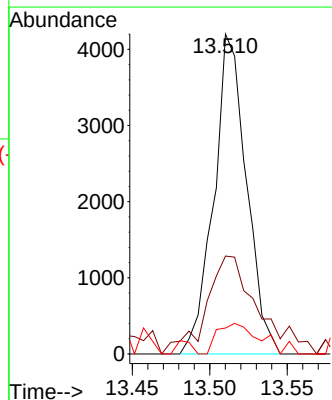
Tgt Ion: 75 Resp: 6152

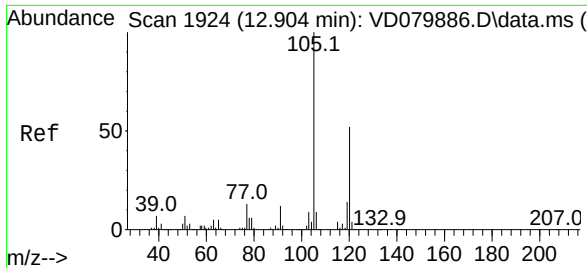
Ion Ratio Lower Upper

75 100

77 43.9 25.1 37.7#

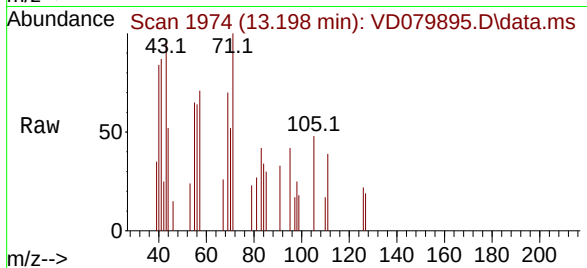
110 10.4 30.1 45.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.111 ug/L
 RT: 13.198 min Scan# 10
 Delta R.T. 0.294 min
 Lab File: VD079895.D
 Acq: 25 Sep 2024 17:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:105 Resp: 567
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.3 57.5

