

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079904.D
 Acq On : 26 Sep 2024 12:53
 Operator : RP/MD
 Sample : VD0926SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:39:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

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

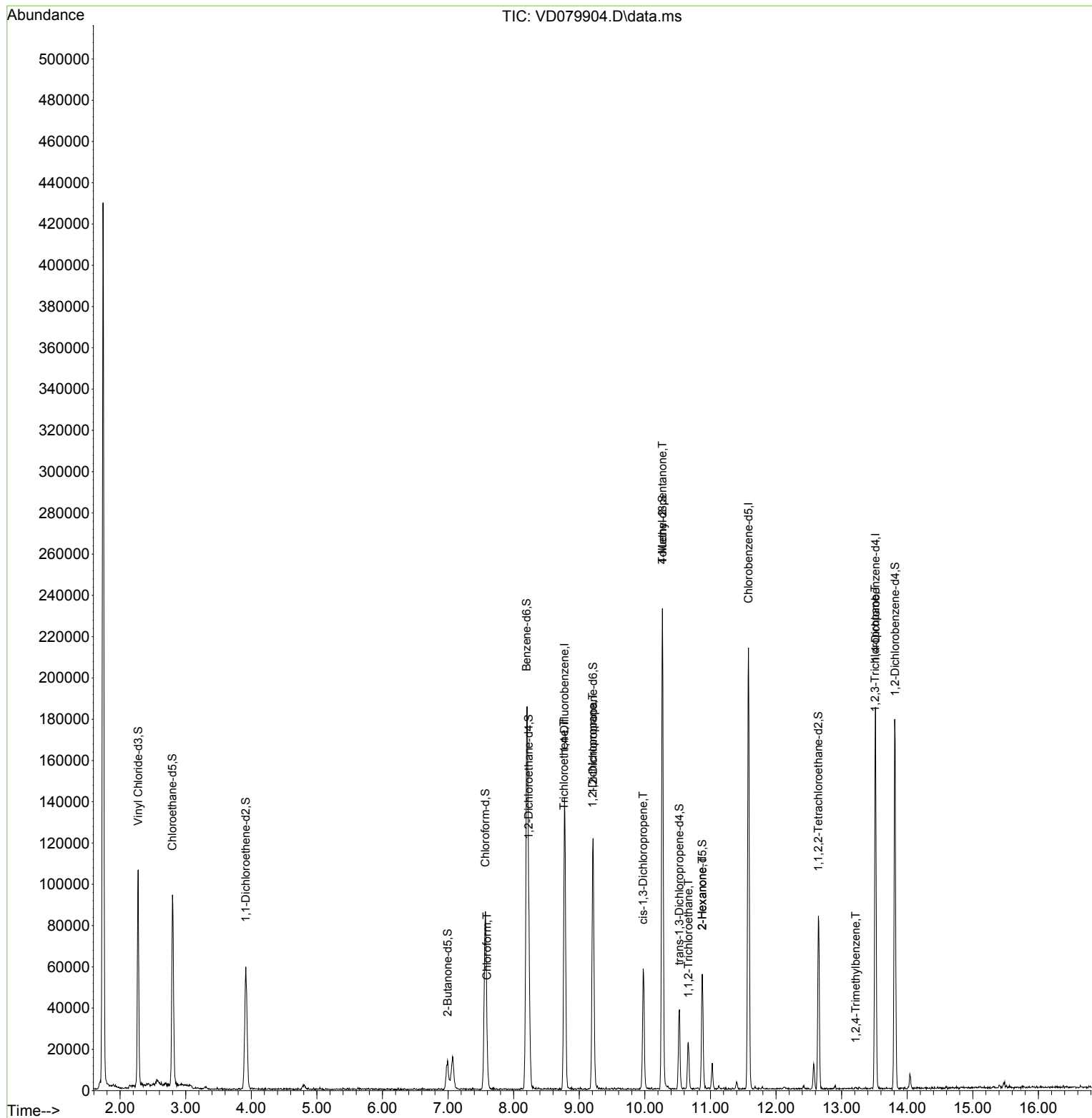
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	118403	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	119208	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	46964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	93012	18.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
7) Chloroethane-d5	2.799	69	97300	23.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	3.916	65	17219	18.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.680%
21) 2-Butanone-d5	6.993	46	11945	24.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.940%
24) Chloroform-d	7.569	84	89697	23.046	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.228	65	50248	24.689	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.199	84	179596	21.340	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	9.210	67	59569	23.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	10.269	98	157463	21.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.040%
43) trans-1,3-Dichloroprop...	10.528	79	22115	19.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.840%
47) 2-Hexanone-d5	10.875	63	19601	46.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.300%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	44171	23.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	43374	24.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						Qvalue
25) Chloroform	7.593	83	4511	1.138	ug/L	76
34) Trichloroethene	8.769	95	3854	1.879	ug/L #	8
37) 1,2-Dichloropropane	9.204	63	6312	2.607	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	1849	0.544	ug/L	86
40) 4-Methyl-2-pentanone	10.269	43	755	0.596	ug/L #	1
45) 1,1,2-Trichloroethane	10.663	97	455	0.275	ug/L #	13
48) 2-Hexanone	10.875	43	2676	2.596	ug/L #	64
61) 1,2,3-Trichloropropane	13.510	75	6698	5.802	ug/L #	63
63) 1,2,4-Trimethylbenzene	13.216	105	771	0.124	ug/L #	42

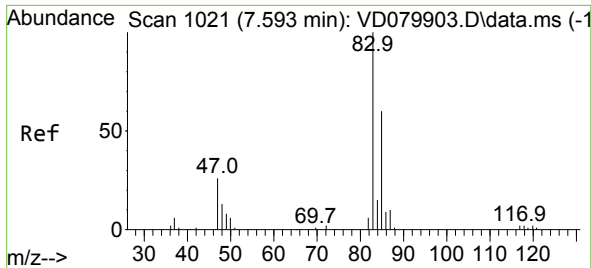
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 27 01:39:28 2024
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Quant Title : SFAM01.0
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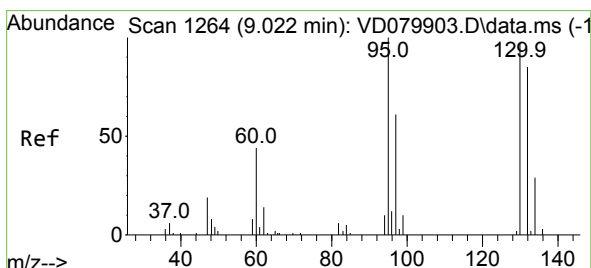
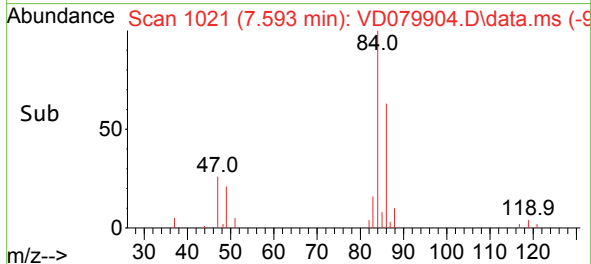
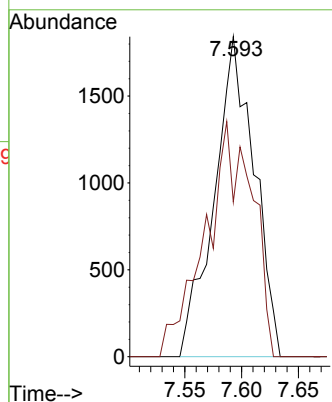
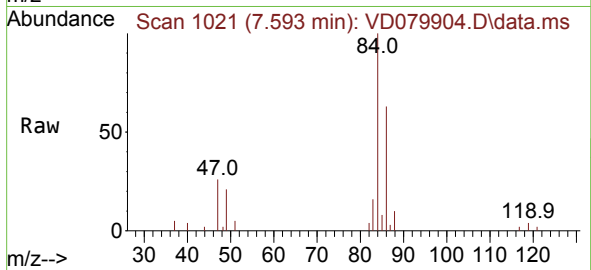




#25
Chloroform
Concen: 1.138 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079904.D
Acq: 26 Sep 2024 12:53

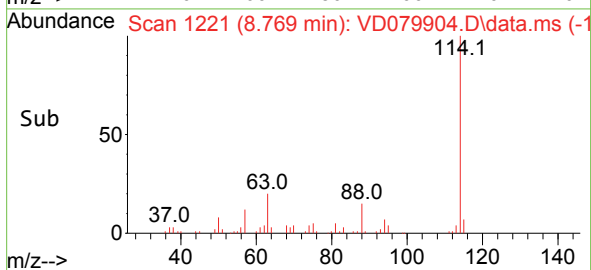
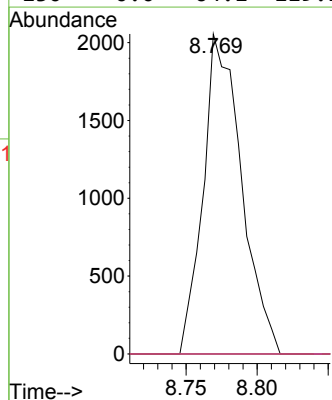
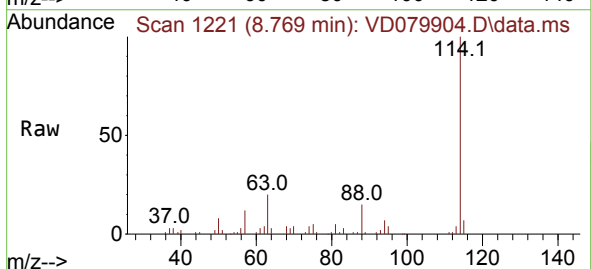
Instrument :
MSVOA_D
ClientSampleId :

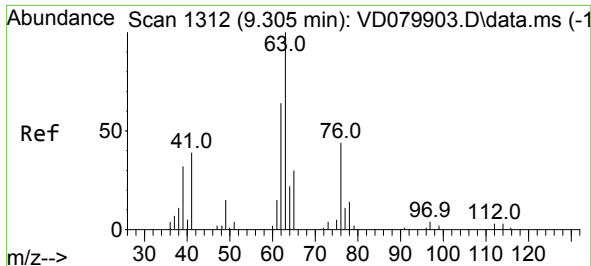
Tgt Ion: 83 Resp: 4511
Ion Ratio Lower Upper
83 100
85 48.4 47.3 87.9



#34
Trichloroethene
Concen: 1.879 ug/L
RT: 8.769 min Scan# 1221
Delta R.T. -0.253 min
Lab File: VD079904.D
Acq: 26 Sep 2024 12:53

Tgt Ion: 95 Resp: 3854
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#





#37

1,2-Dichloropropane

Concen: 2.607 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD079904.D

Acq: 26 Sep 2024 12:53

Instrument :

MSVOA_D

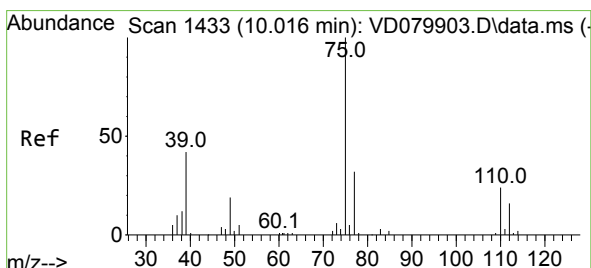
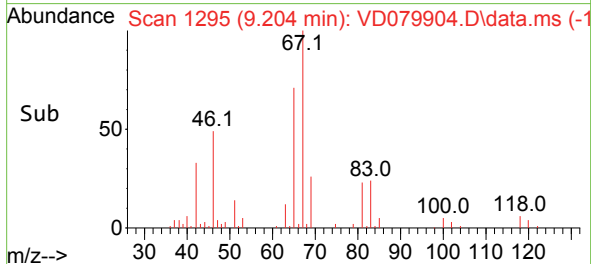
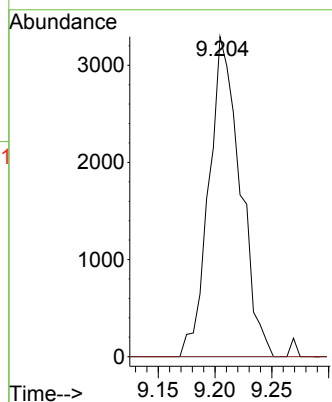
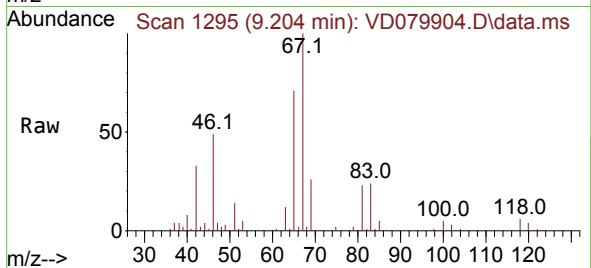
ClientSampleId :

Tgt Ion: 63 Resp: 6312

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD079904.D

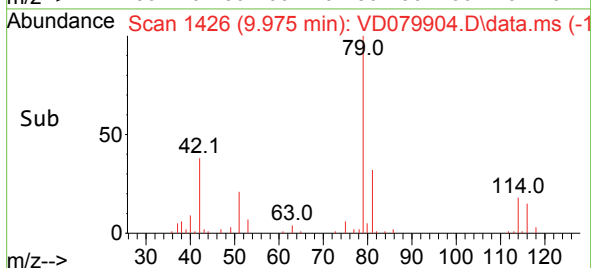
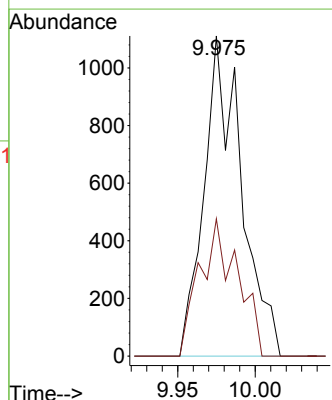
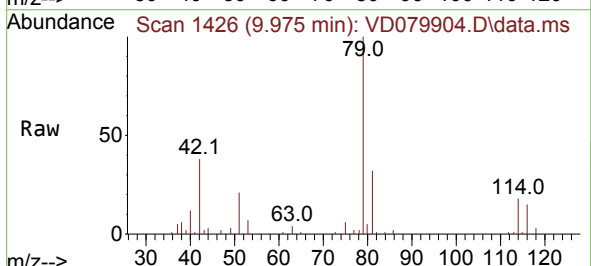
Acq: 26 Sep 2024 12:53

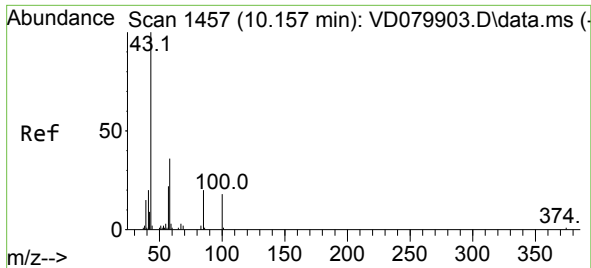
Tgt Ion: 75 Resp: 1849

Ion Ratio Lower Upper

75 100

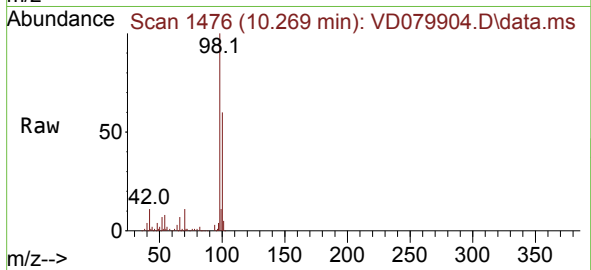
77 42.8 24.1 44.8



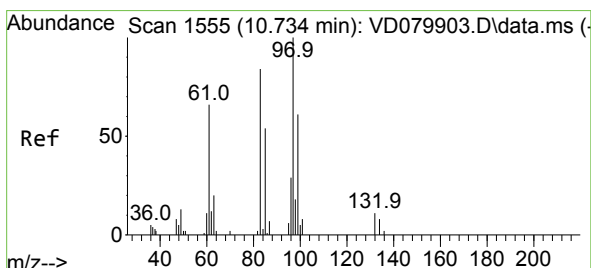
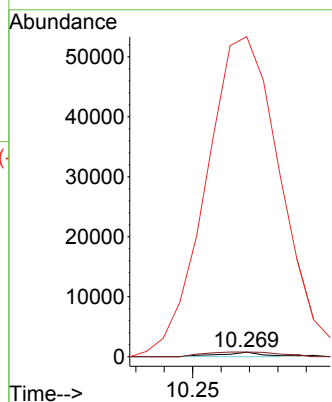
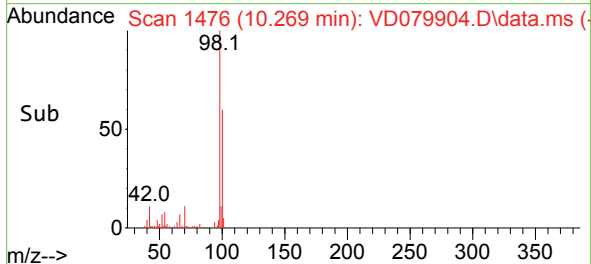


#40
4-Methyl-2-pentanone
Concen: 0.596 ug/L
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079904.D
Acq: 26 Sep 2024 12:53

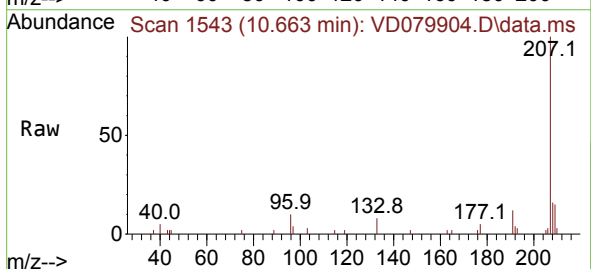
Instrument :
MSVOA_D
ClientSampleId :



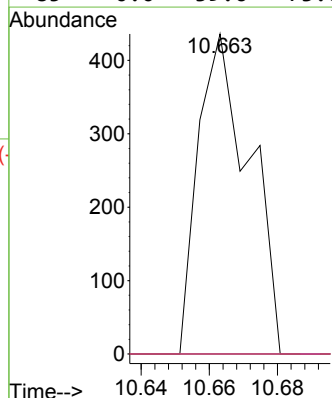
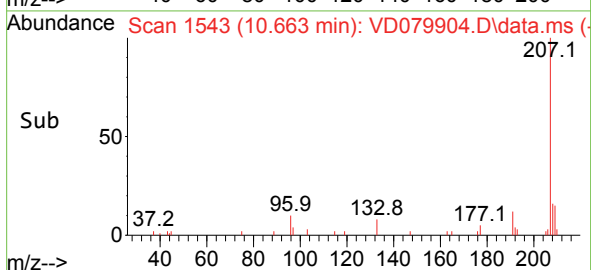
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 192.7 31.1 46.7#
100 13078.9 11.8 17.6#

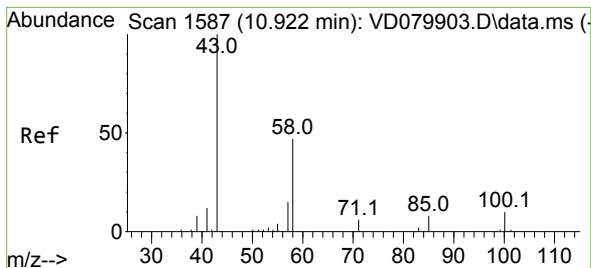


#45
1,1,2-Trichloroethane
Concen: 0.275 ug/L
RT: 10.663 min Scan# 1543
Delta R.T. -0.071 min
Lab File: VD079904.D
Acq: 26 Sep 2024 12:53



Tgt Ion: 97 Resp: 455
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#





#48

2-Hexanone

Concen: 2.596 ug/L

RT: 10.875 min Scan# 1

Delta R.T. -0.047 min

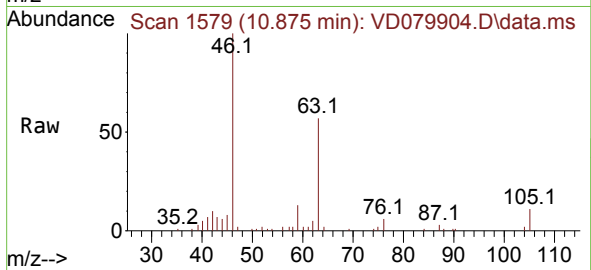
Lab File: VD079904.D

Acq: 26 Sep 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 2676

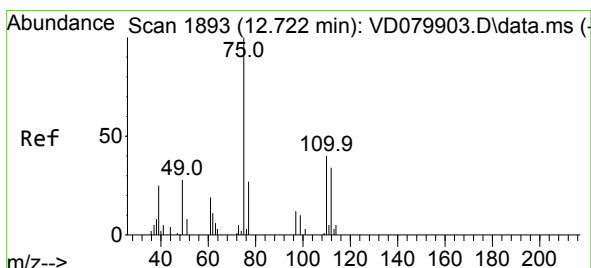
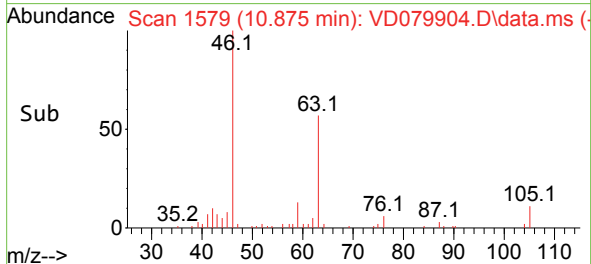
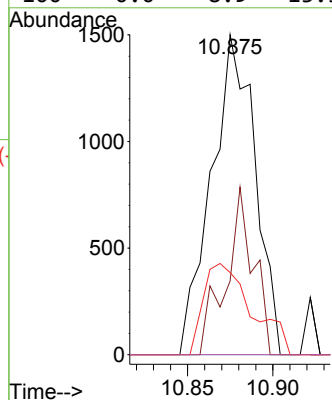
Ion Ratio Lower Upper

43 100

58 25.8 44.7 67.1#

57 27.4 13.6 20.4#

100 0.0 8.9 13.3#



#61

1,2,3-Trichloropropane

Concen: 5.802 ug/L

RT: 13.510 min Scan# 2027

Delta R.T. 0.788 min

Lab File: VD079904.D

Acq: 26 Sep 2024 12:53

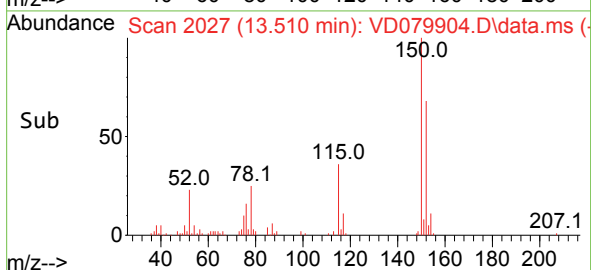
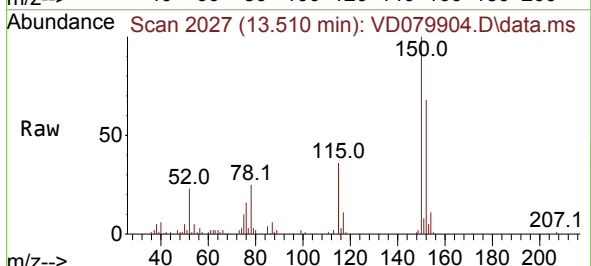
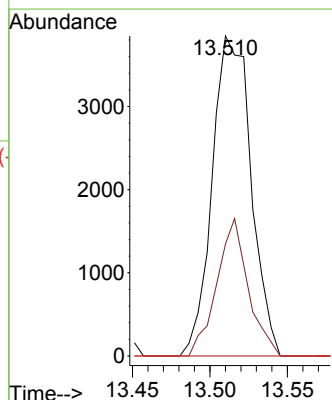
Tgt Ion: 75 Resp: 6698

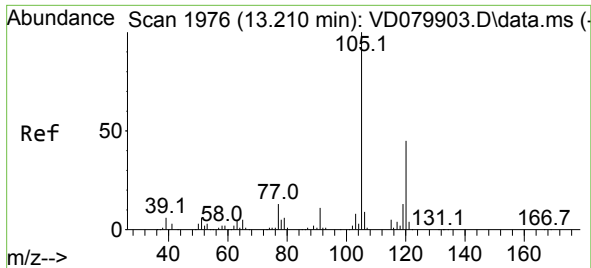
Ion Ratio Lower Upper

75 100

77 34.7 25.1 37.7

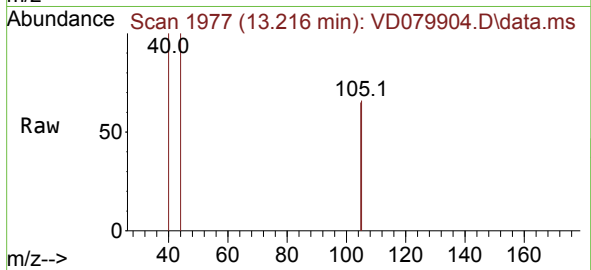
110 0.0 30.1 45.1#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.124 ug/L
 RT: 13.216 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VD079904.D
 Acq: 26 Sep 2024 12:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:105 Resp: 771
 Ion Ratio Lower Upper
 105 100
 120 7.4 36.3 54.5#

