

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079905.D
 Acq On : 26 Sep 2024 13:25
 Operator : RP/MD
 Sample : P4162-16
 Misc : 5.57G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:39:49 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)

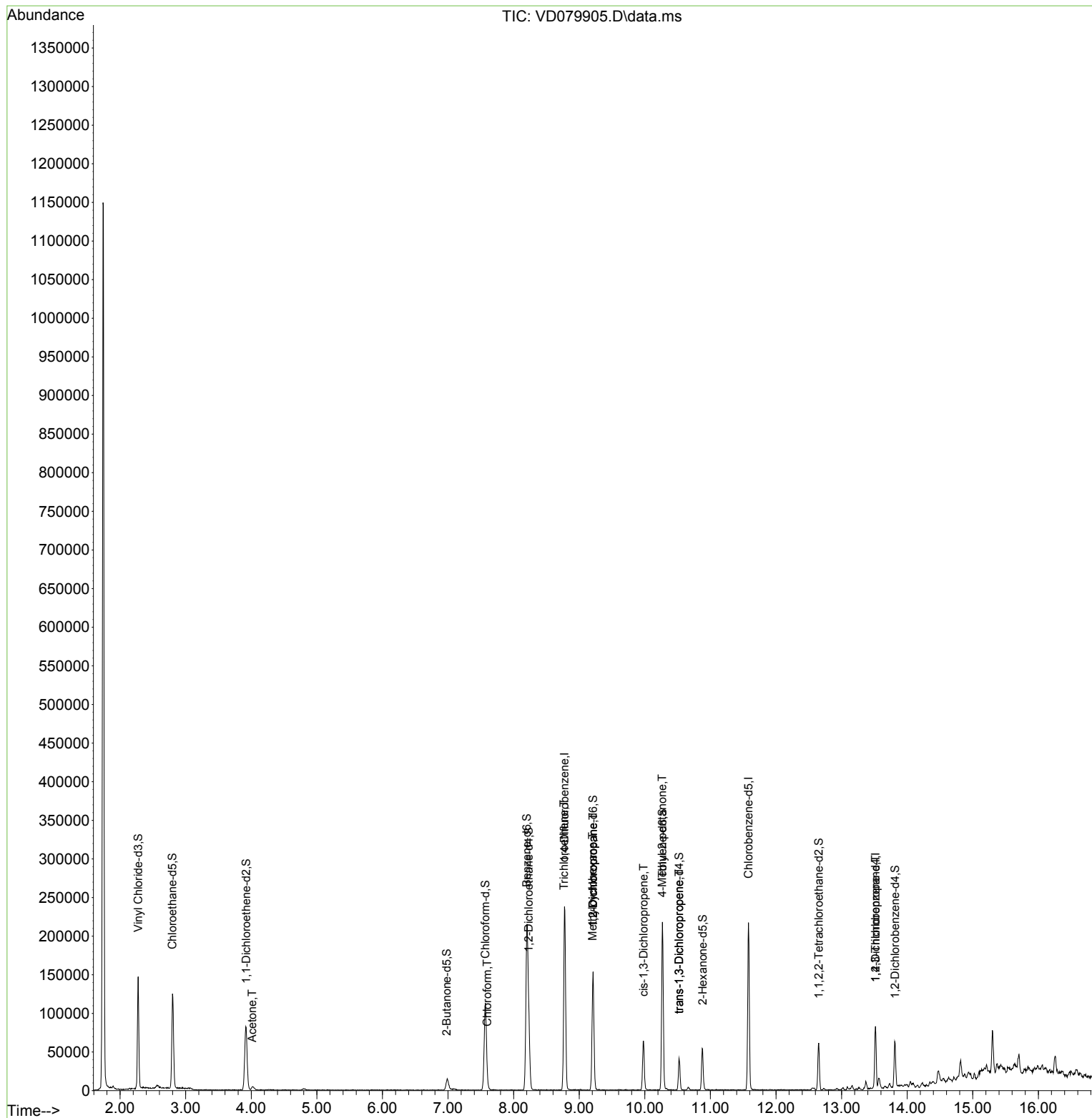
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	209612	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	123263	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	21656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	131573	14.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.760%
7) Chloroethane-d5	2.799	69	129867	17.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	3.922	65	23815	14.391	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.560%
21) 2-Butanone-d5	6.981	46	24130	28.494	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.980%
24) Chloroform-d	7.569	84	114155	16.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.280%
26) 1,2-Dichloroethane-d4	8.228	65	60482	16.786	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.160%#
32) Benzene-d6	8.199	84	225959	25.965	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.880%
36) 1,2-Dichloropropane-d6	9.210	67	74961	28.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.520%
41) Toluene-d8	10.269	98	151019	19.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.880%
43) trans-1,3-Dichloroprop...	10.522	79	23527	20.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.120%
47) 2-Hexanone-d5	10.881	63	18920	43.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	30963	15.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	14821	18.148	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.600%#
Target Compounds						Qvalue
13) Acetone	4.017	43	6822	6.608	ug/L	92
25) Chloroform	7.599	83	4814	0.686	ug/L	88
34) Trichloroethene	8.769	95	6391	3.013	ug/L #	8
35) Methylcyclohexane	9.204	83	16890	4.935	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	8087	3.231	ug/L #	100
39) cis-1,3-Dichloropropene	9.981	75	1806	0.514	ug/L	96
40) 4-Methyl-2-pentanone	10.263	43	663	0.506	ug/L #	1
44) trans-1,3-Dichloropropene	10.522	75	986	0.318	ug/L	96
61) 1,2,3-Trichloropropane	13.516	75	3210	6.030	ug/L #	58

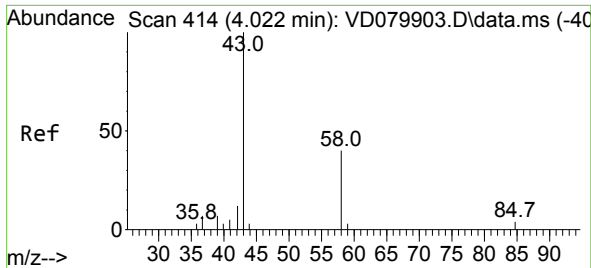
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 27 01:31:41 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.608 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079905.D

Acq: 26 Sep 2024 13:25

Instrument :

MSVOA_D

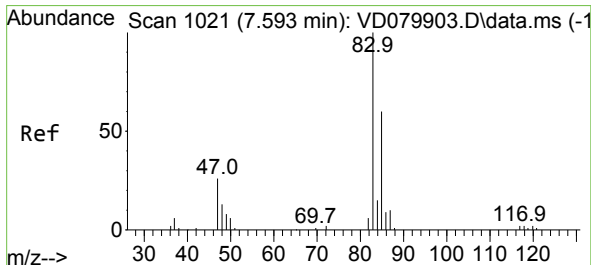
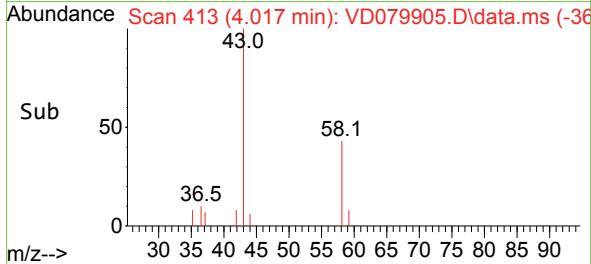
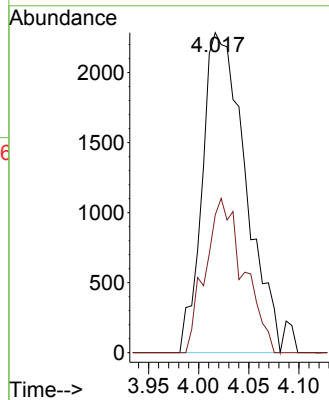
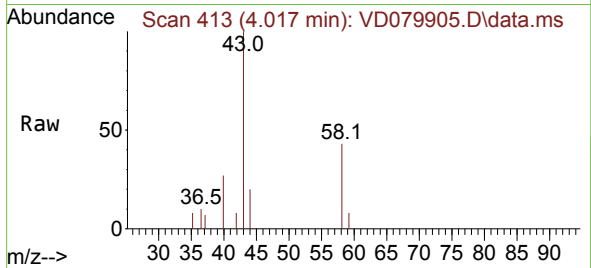
ClientSampleId :

Tgt Ion: 43 Resp: 6822

Ion Ratio Lower Upper

43 100

58 33.4 0.0 75.8



#25

Chloroform

Concen: 0.686 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079905.D

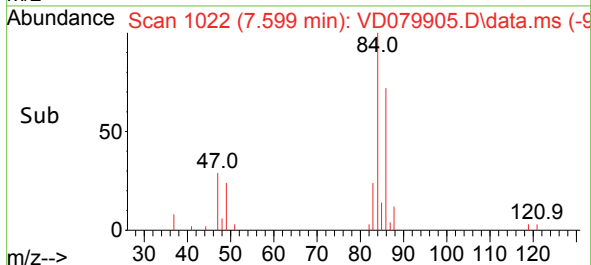
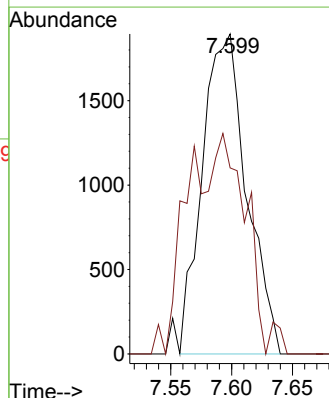
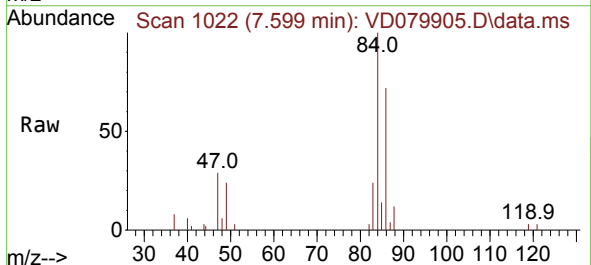
Acq: 26 Sep 2024 13:25

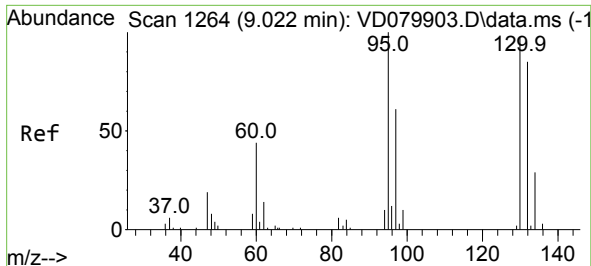
Tgt Ion: 83 Resp: 4814

Ion Ratio Lower Upper

83 100

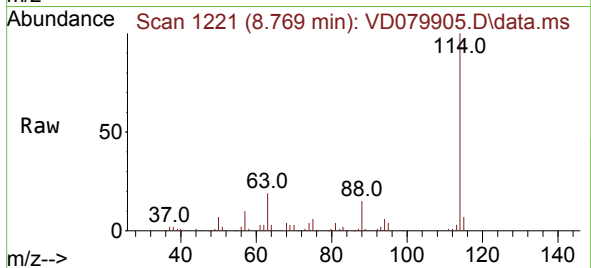
85 58.2 47.3 87.9



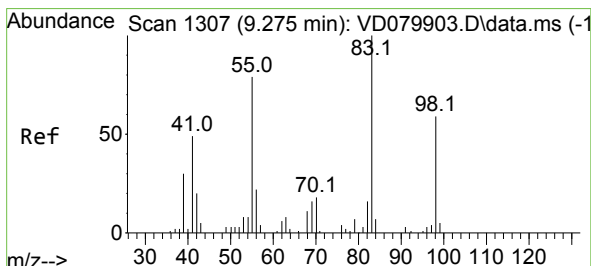
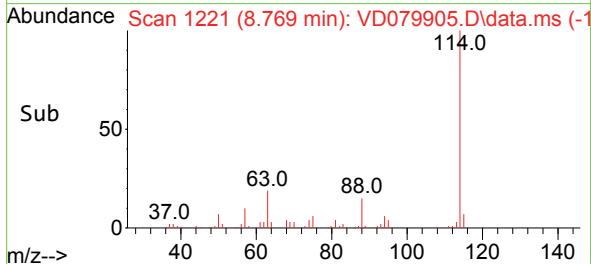
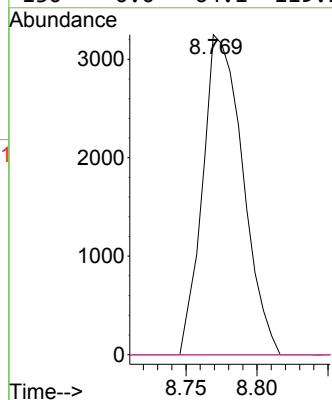


#34
Trichloroethene
Concen: 3.013 ug/L
RT: 8.769 min Scan# 1295
Delta R.T. -0.253 min
Lab File: VD079905.D
Acq: 26 Sep 2024 13:25

Instrument :
MSVOA_D
ClientSampleId :

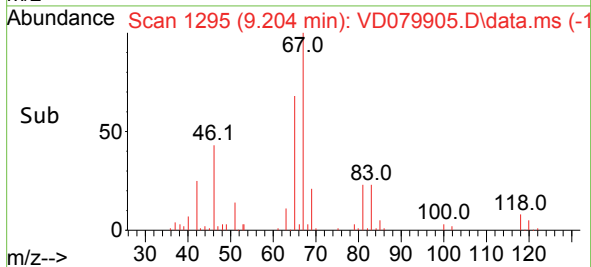
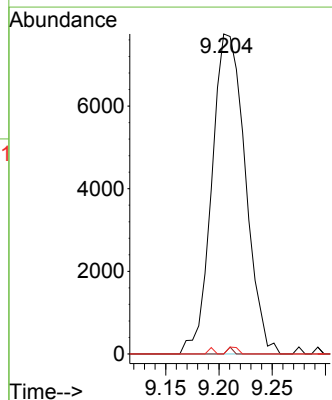
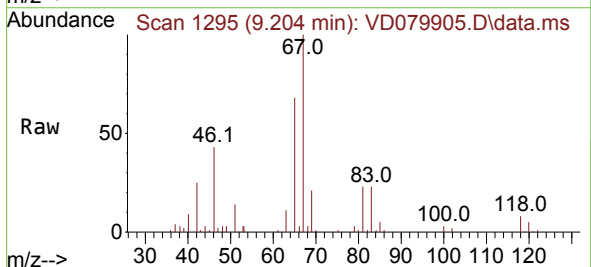


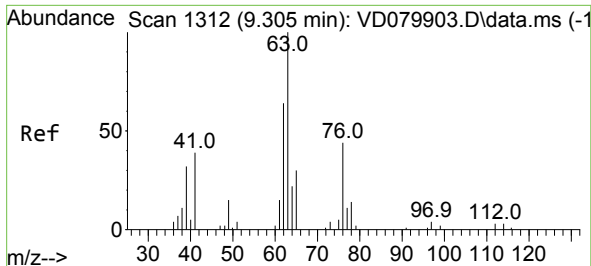
Tgt Ion: 95 Resp: 6391
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 64.5 119.7#
130 0.0 64.1 119.1#



#35
Methylcyclohexane
Concen: 4.935 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD079905.D
Acq: 26 Sep 2024 13:25

Tgt Ion: 83 Resp: 16890
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.7 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 3.231 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD079905.D

Acq: 26 Sep 2024 13:25

Instrument :

MSVOA_D

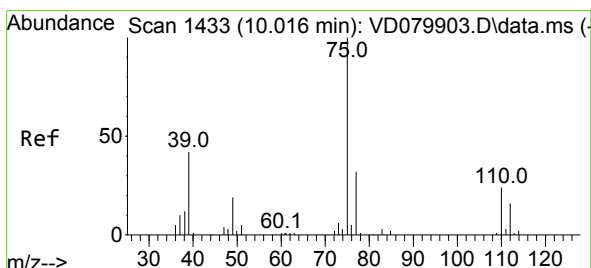
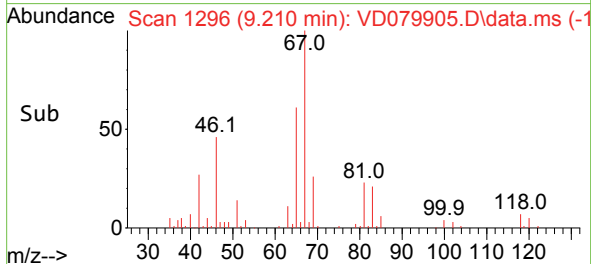
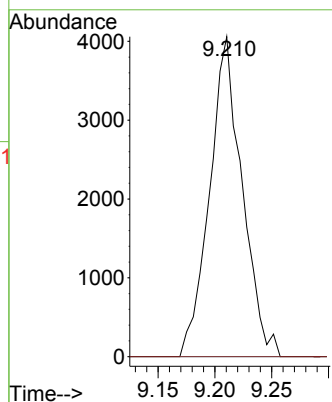
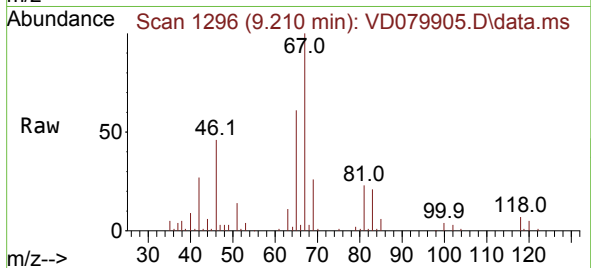
ClientSampleId :

Tgt Ion: 63 Resp: 8087

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 0.514 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079905.D

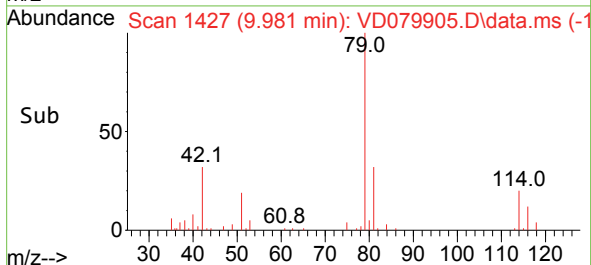
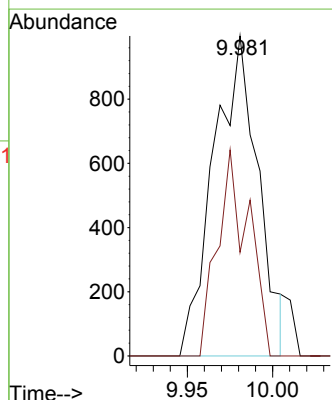
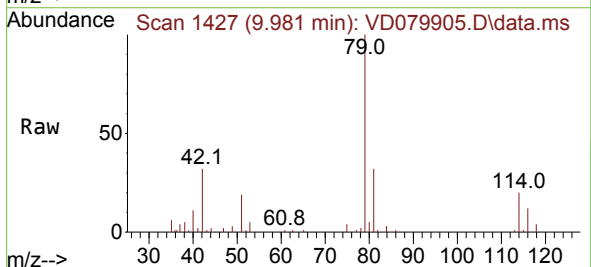
Acq: 26 Sep 2024 13:25

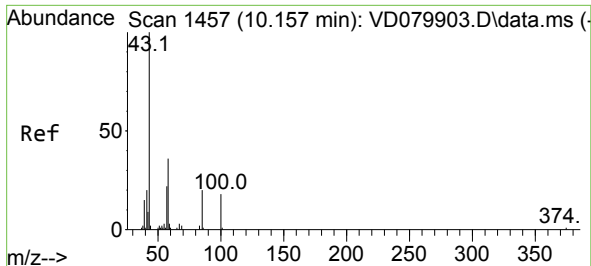
Tgt Ion: 75 Resp: 1806

Ion Ratio Lower Upper

75 100

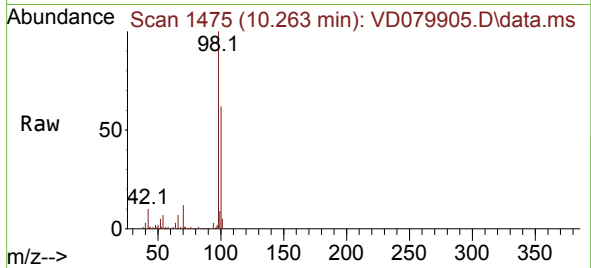
77 32.4 24.1 44.8



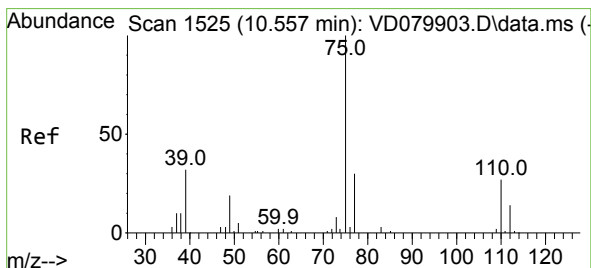
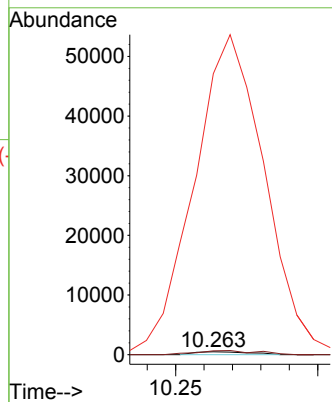
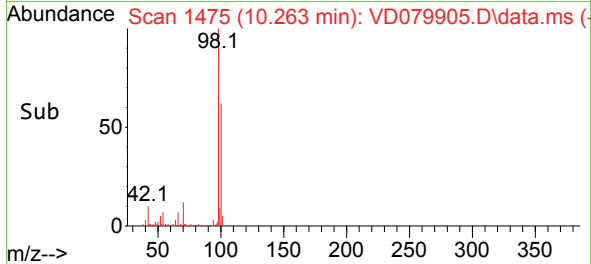


#40
4-Methyl-2-pentanone
Concen: 0.506 ug/L
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079905.D
Acq: 26 Sep 2024 13:25

Instrument :
MSVOA_D
ClientSampleId :

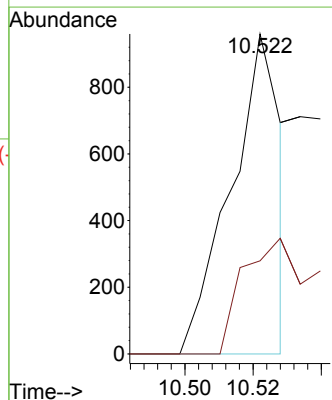
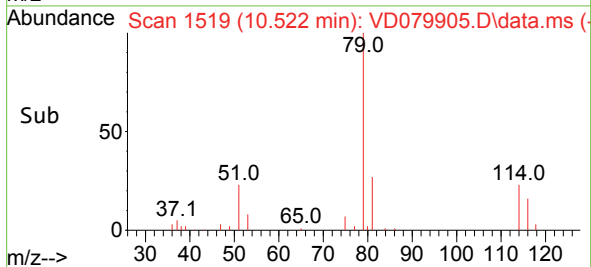
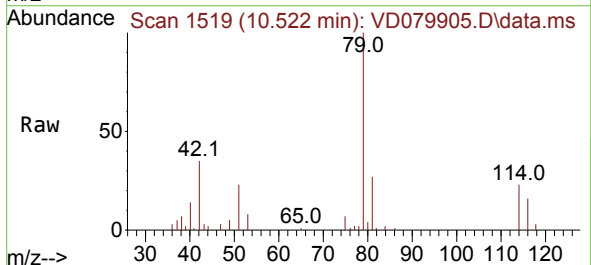


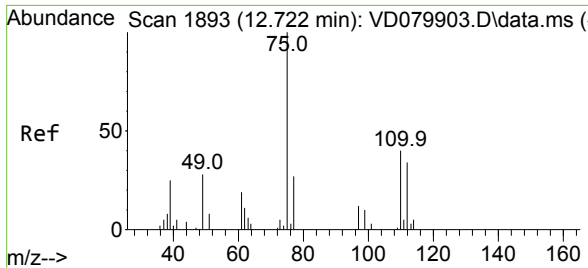
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 159.0 31.1 46.7#
100 14108.0 11.8 17.6#



#44
trans-1,3-Dichloropropene
Concen: 0.318 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.035 min
Lab File: VD079905.D
Acq: 26 Sep 2024 13:25

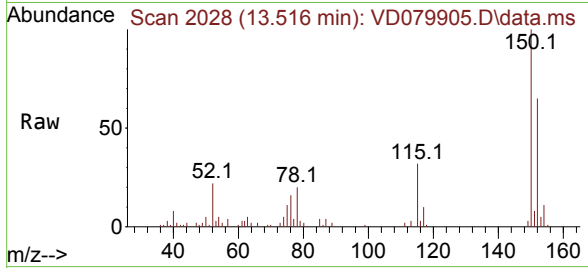
Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
77 29.1 21.8 40.4





#61
 1,2,3-Trichloropropane
 Concen: 6.030 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079905.D
 Acq: 26 Sep 2024 13:25

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	3210
Ion Ratio	Lower	Upper
75	100	
77	41.4	25.1 37.7#
110	0.0	30.1 45.1#

