

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079867.D
 Acq On : 18 Sep 2024 16:58
 Operator : RP/MD
 Sample : P4083-11
 Misc : 5.43G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 19 01:50:07 2024
 Response via : Initial Calibration

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

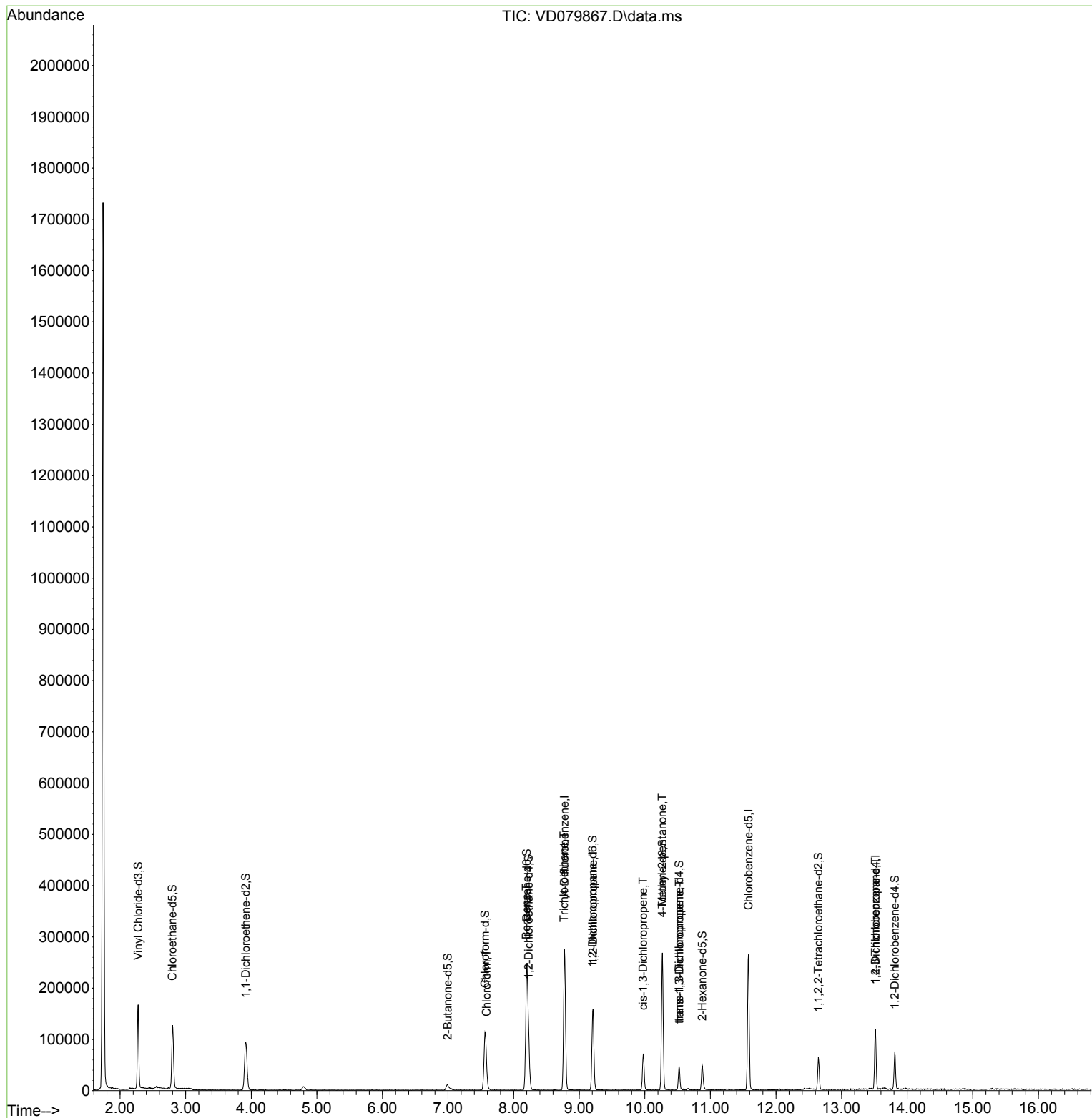
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	229985	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	149755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	30009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	152769	15.276	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	61.120%	
7) Chloroethane-d5	2.799	69	130758	16.515	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	66.040%	
11) 1,1-Dichloroethene-d2	3.917	65	28905	15.919	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	63.680%	
21) 2-Butanone-d5	6.993	46	18916	20.358	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	40.720%	
24) Chloroform-d	7.563	84	118081	15.619	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	62.480%	
26) 1,2-Dichloroethane-d4	8.228	65	64699	16.366	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	65.480%#	
32) Benzene-d6	8.199	84	258448	24.445	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	9.205	67	81231	25.086	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	100.360%	
41) Toluene-d8	10.269	98	183916	19.768	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	79.080%	
43) trans-1,3-Dichloroprop...	10.522	79	26196	18.817	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	75.280%	
47) 2-Hexanone-d5	10.875	63	15884	30.092	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	60.180%	
56) 1,1,2,2-Tetrachloroeth...	12.646	84	32438	13.633	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	54.520%	
66) 1,2-Dichlorobenzene-d4	13.810	152	17180	15.181	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	60.720%#	
Target Compounds						Qvalue
25) Chloroform	7.587	83	7134	0.927	ug/L	97
33) Benzene	8.193	78	1834	0.164	ug/L	100
34) Trichloroethene	8.769	95	7288	2.828	ug/L #	8
37) 1,2-Dichloropropane	9.210	63	9130	3.002	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	1978	0.463	ug/L	95
40) 4-Methyl-2-pentanone	10.263	43	875	0.550	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	1369	0.364	ug/L	95
61) 1,2,3-Trichloropropane	13.516	75	4323	5.861	ug/L #	64

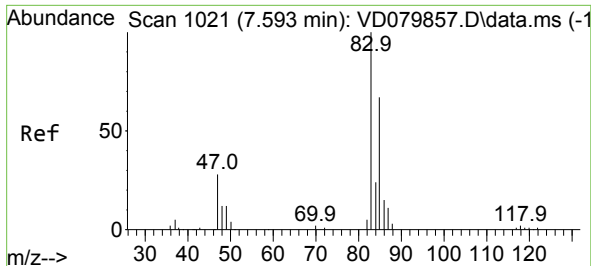
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
Data File : VD079867.D
Acq On : 18 Sep 2024 16:58
Operator : RP/MD
Sample : P4083-11
Misc : 5.43G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 19 01:55:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 19 01:50:07 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 0.927 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD079867.D

Acq: 18 Sep 2024 16:58

Instrument :

MSVOA_D

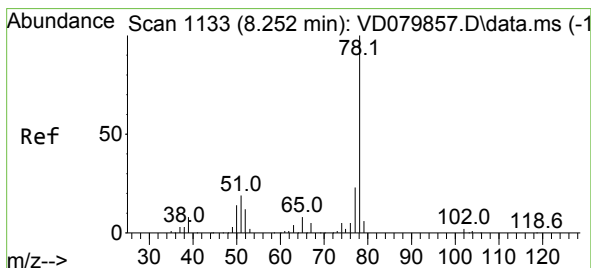
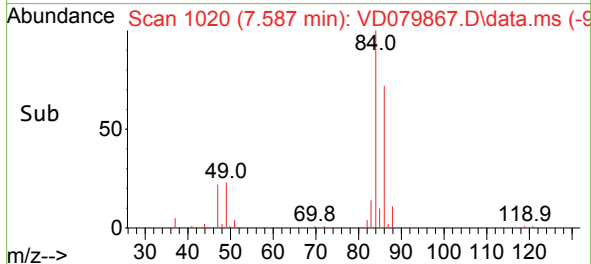
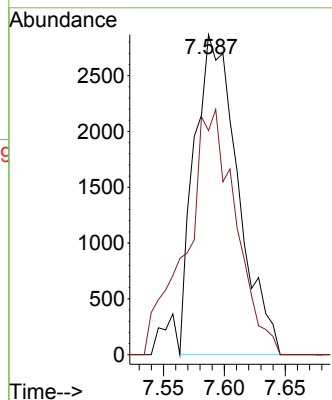
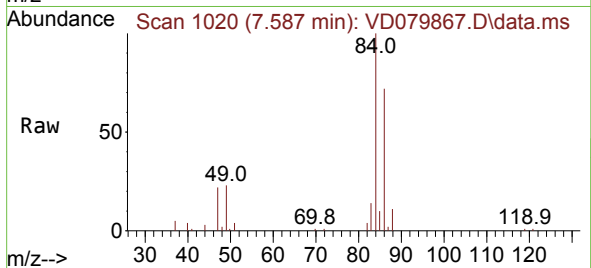
ClientSampleId :

Tgt Ion: 83 Resp: 7134

Ion Ratio Lower Upper

83 100

85 70.0 47.3 87.9



#33

Benzene

Concen: 0.164 ug/L

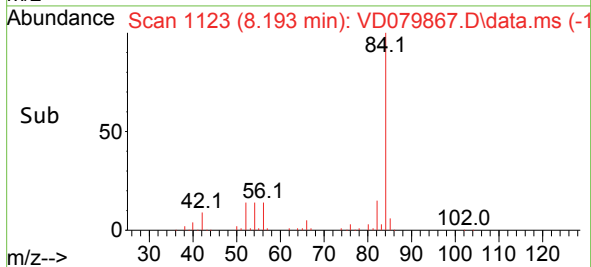
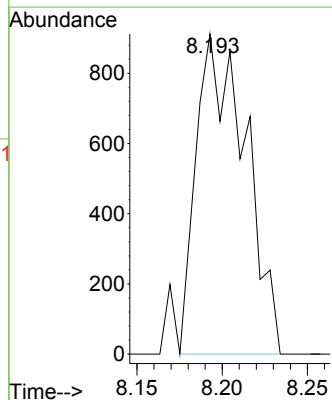
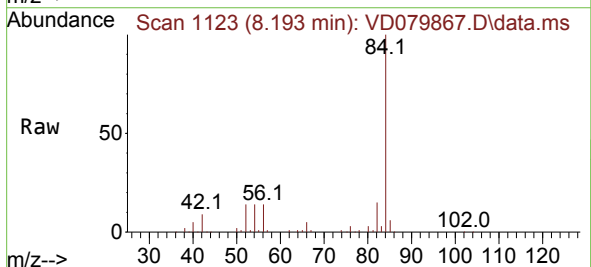
RT: 8.193 min Scan# 1123

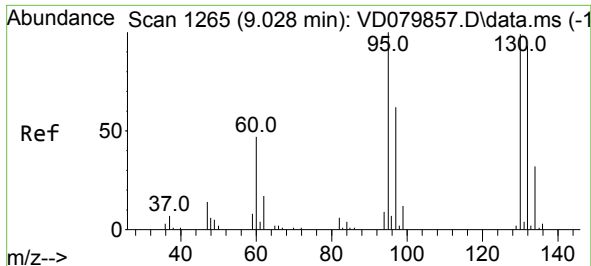
Delta R.T. -0.059 min

Lab File: VD079867.D

Acq: 18 Sep 2024 16:58

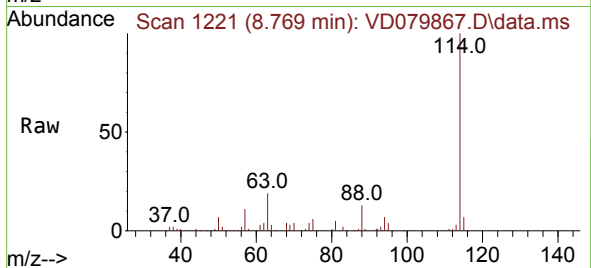
Tgt Ion: 78 Resp: 1834



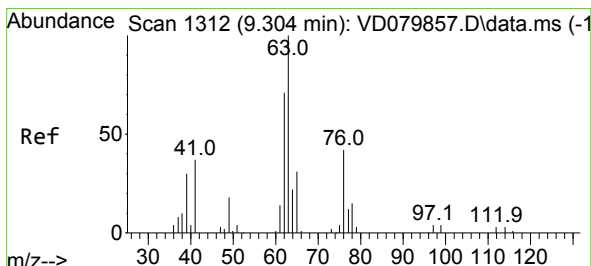
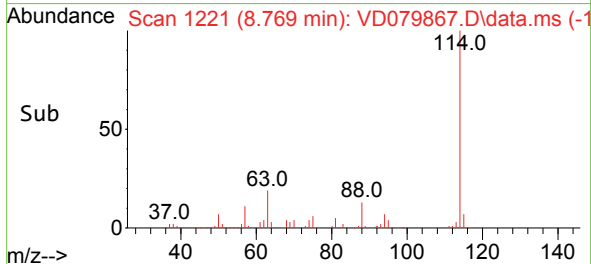
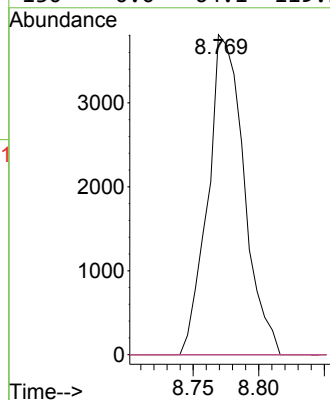


#34
Trichloroethene
Concen: 2.828 ug/L
RT: 8.769 min Scan# 11
Delta R.T. -0.259 min
Lab File: VD079867.D
Acq: 18 Sep 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :

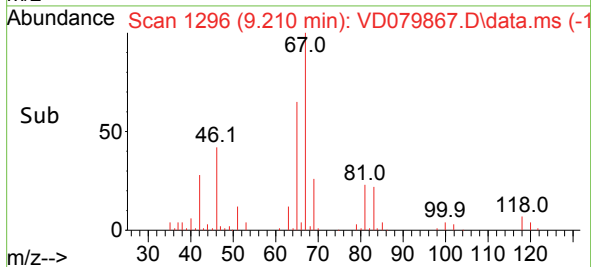
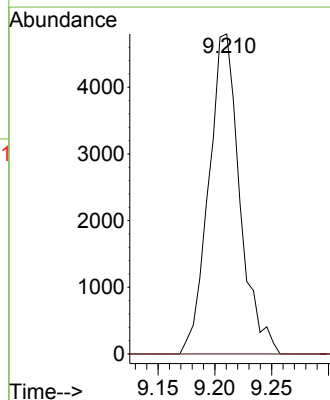
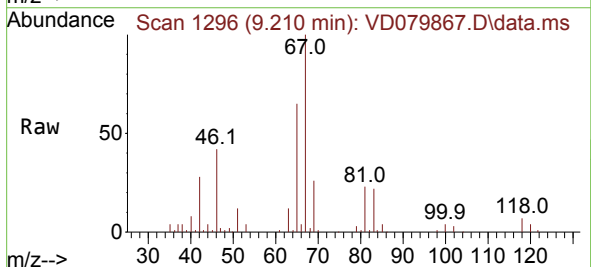


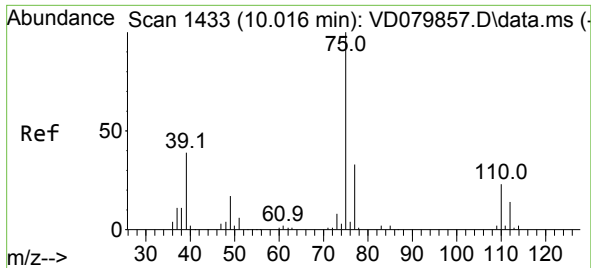
Tgt Ion: 95 Resp: 7288
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 64.5 119.7#
130 0.0 64.1 119.1#



#37
1,2-Dichloropropane
Concen: 3.002 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD079867.D
Acq: 18 Sep 2024 16:58

Tgt Ion: 63 Resp: 9130
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD079867.D

Acq: 18 Sep 2024 16:58

Instrument :

MSVOA_D

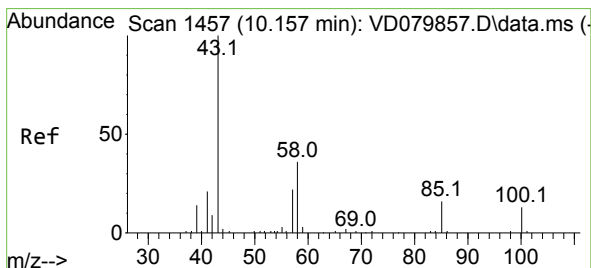
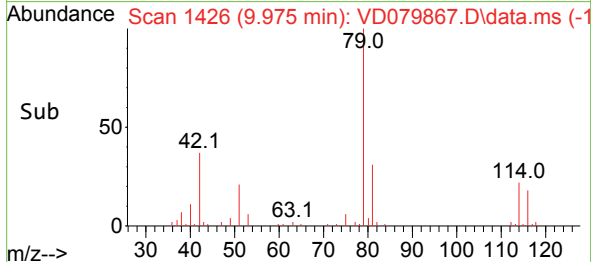
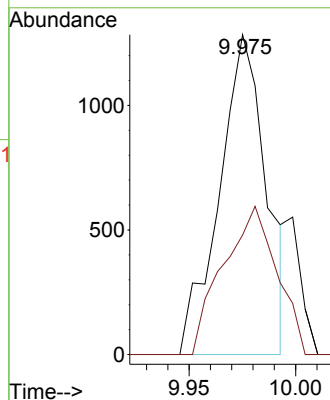
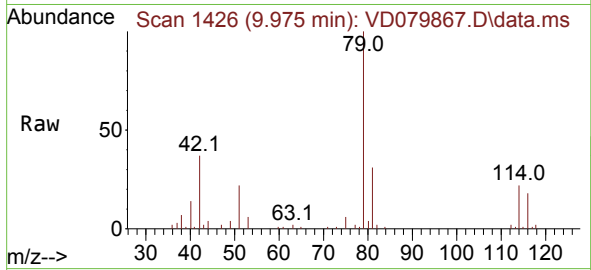
ClientSampleId :

Tgt Ion: 75 Resp: 1978

Ion Ratio Lower Upper

75 100

77 37.4 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 0.550 ug/L

RT: 10.263 min Scan# 1475

Delta R.T. 0.106 min

Lab File: VD079867.D

Acq: 18 Sep 2024 16:58

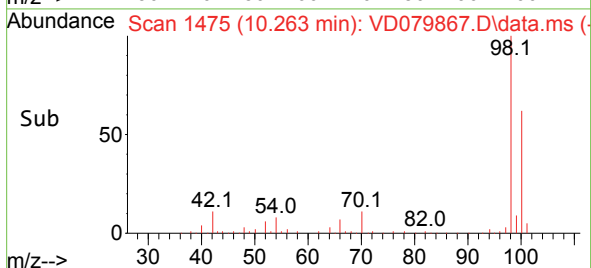
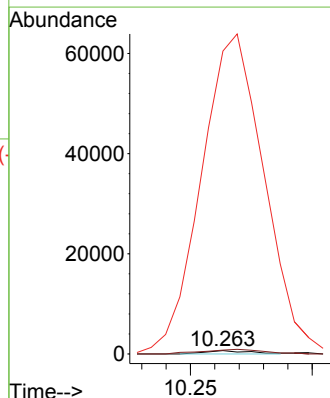
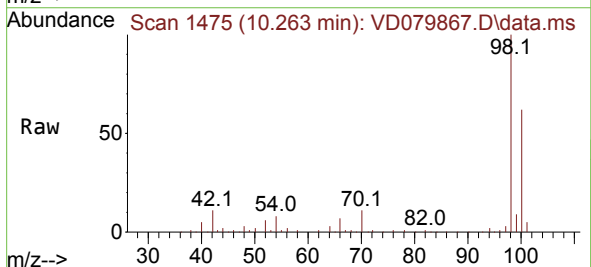
Tgt Ion: 43 Resp: 875

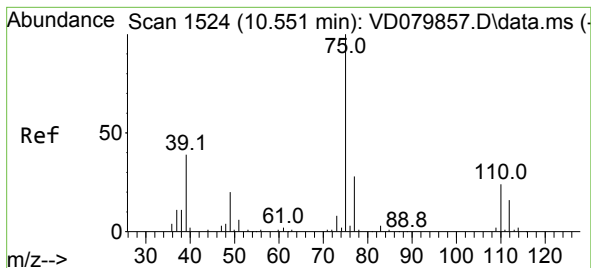
Ion Ratio Lower Upper

43 100

58 185.0 31.1 46.7#

100 13213.9 11.8 17.6#





#44

trans-1,3-Dichloropropene

Concen: 0.364 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.023 min

Lab File: VD079867.D

Acq: 18 Sep 2024 16:58

Instrument :

MSVOA_D

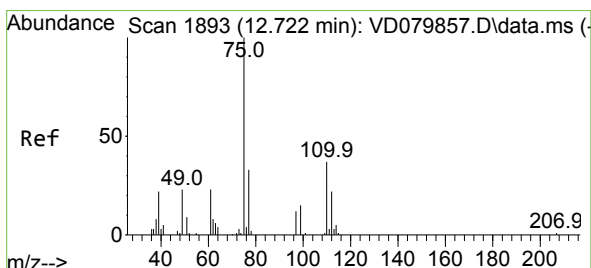
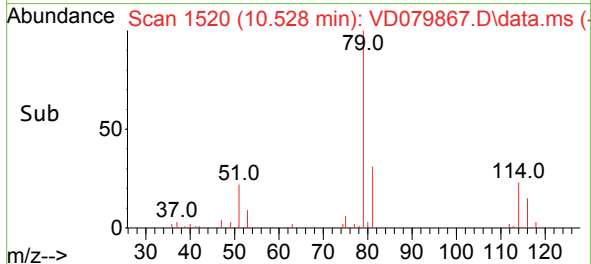
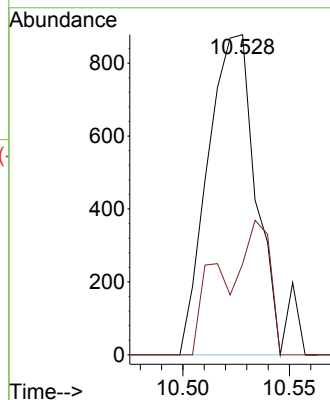
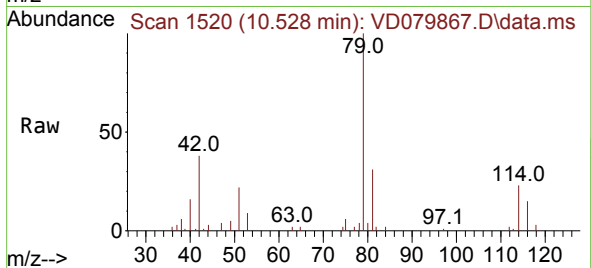
ClientSampleId :

Tgt Ion: 75 Resp: 1369

Ion Ratio Lower Upper

75 100

77 28.4 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 5.861 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079867.D

Acq: 18 Sep 2024 16:58

Tgt Ion: 75 Resp: 4323

Ion Ratio Lower Upper

75 100

77 33.3 25.1 37.7

110 0.0 30.1 45.1#

