

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079861.D
 Acq On : 18 Sep 2024 13:55
 Operator : RP/MD
 Sample : P4083-07
 Misc : 5.83G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:53:58 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)

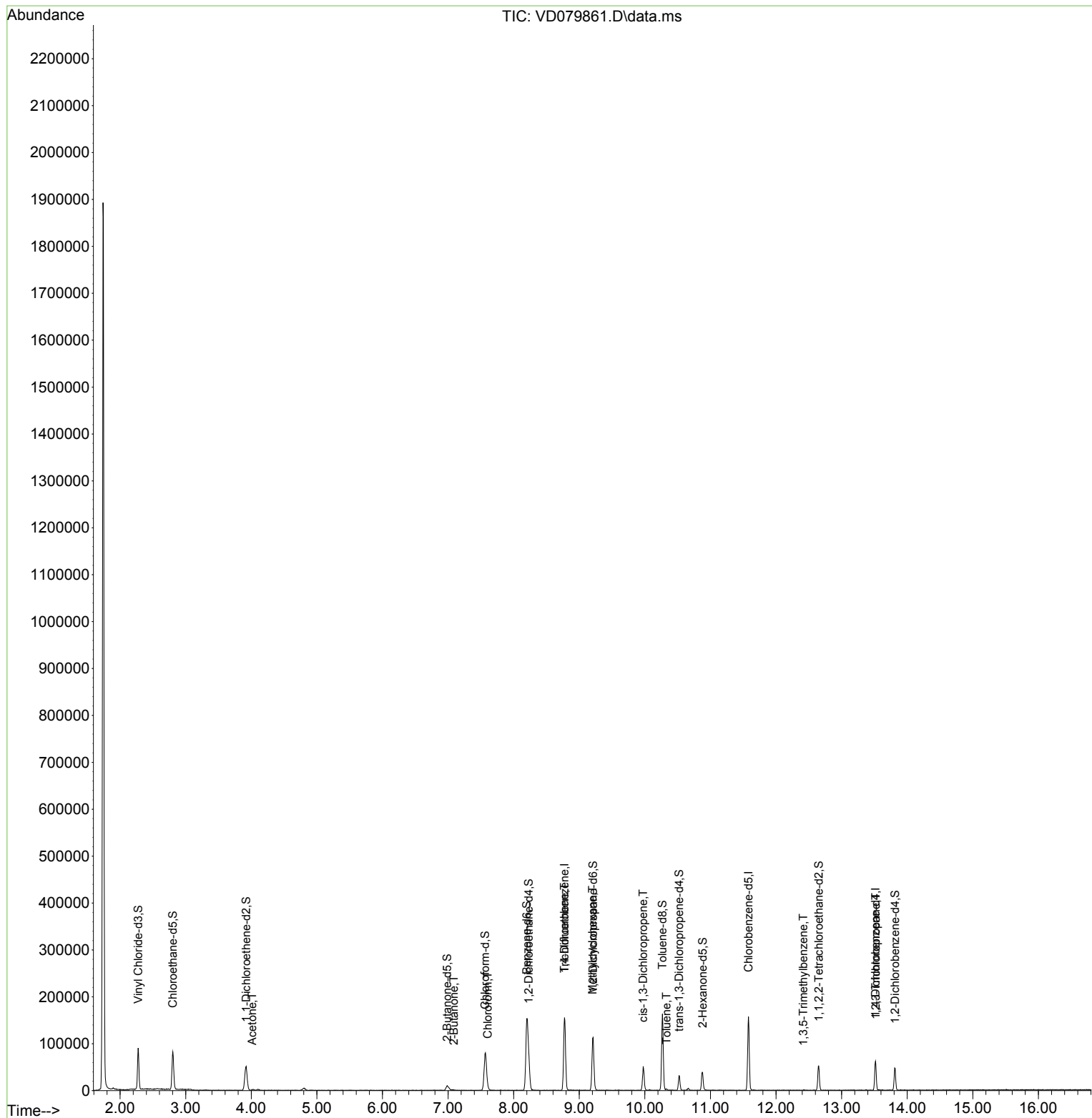
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	137805	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	88247	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	15925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	82294	13.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.920%
7) Chloroethane-d5	2.805	69	83934	17.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.760%
11) 1,1-Dichloroethene-d2	3.922	65	15353	14.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.440%
21) 2-Butanone-d5	6.987	46	16810	30.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.380%
24) Chloroform-d	7.563	84	81947	18.090	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.360%
26) 1,2-Dichloroethane-d4	8.228	65	47531	20.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.280%
32) Benzene-d6	8.199	84	161667	25.949	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	9.210	67	57509	30.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.560%#
41) Toluene-d8	10.269	98	111427	20.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.280%
43) trans-1,3-Dichloroprop...	10.522	79	18147	22.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.480%
47) 2-Hexanone-d5	10.881	63	14459	46.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	27078	19.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	12309	20.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.000%
Target Compounds						Qvalue
13) Acetone	4.016	43	1352	1.992	ug/L	68
22) 2-Butanone	7.087	43	756	0.949	ug/L #	49
25) Chloroform	7.604	83	9438	2.046	ug/L	99
34) Trichloroethene	8.775	95	4378	2.883	ug/L #	8
35) Methylcyclohexane	9.204	83	12222	4.988	ug/L #	19
39) cis-1,3-Dichloropropene	9.975	75	1002	0.398	ug/L #	29
42) Toluene	10.328	91	1699	0.245	ug/L	91
61) 1,2,3-Trichloropropane	13.522	75	2473	6.318	ug/L #	64
62) 1,3,5-Trimethylbenzene	12.416	105	209	0.104	ug/L #	29

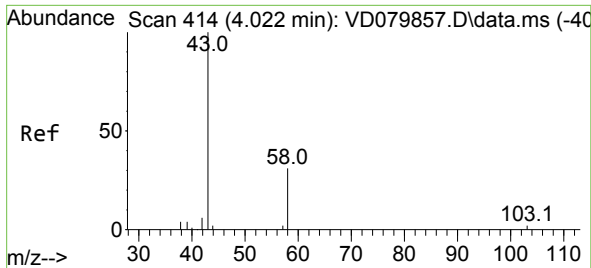
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Sep 19 01:50:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.992 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079861.D

Acq: 18 Sep 2024 13:55

Instrument :

MSVOA_D

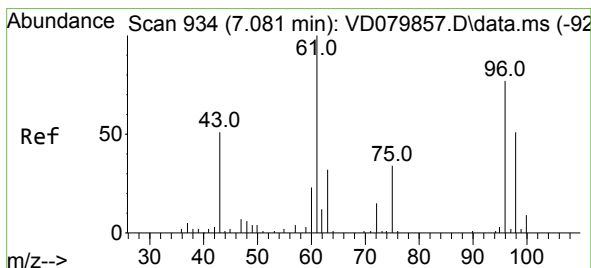
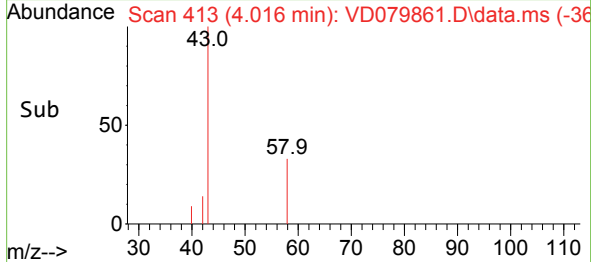
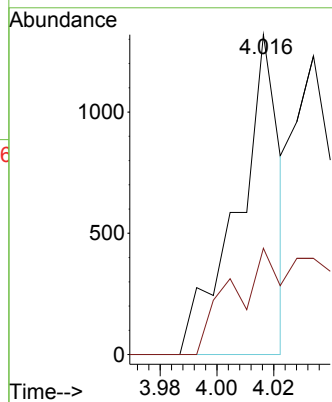
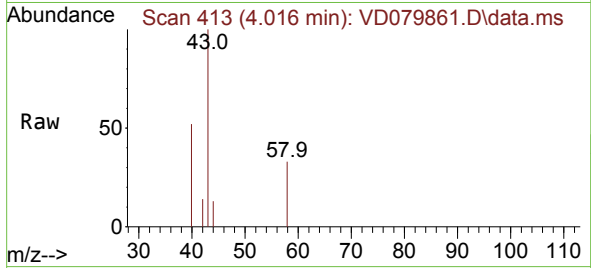
ClientSampleId :

Tgt Ion: 43 Resp: 1352

Ion Ratio Lower Upper

43 100

58 18.9 0.0 75.8



#22

2-Butanone

Concen: 0.949 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD079861.D

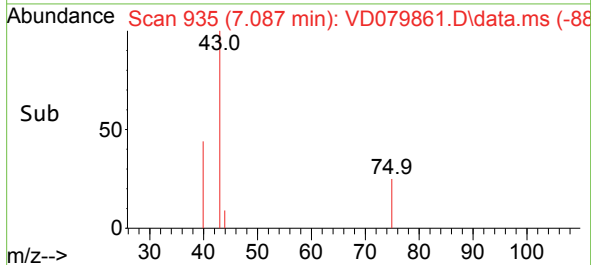
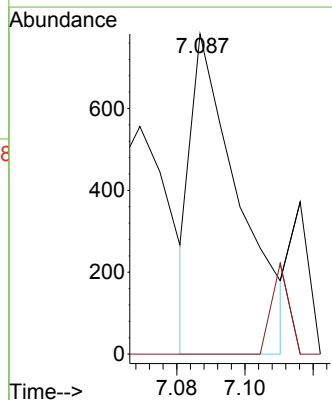
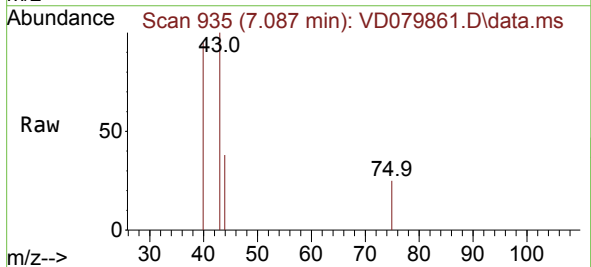
Acq: 18 Sep 2024 13:55

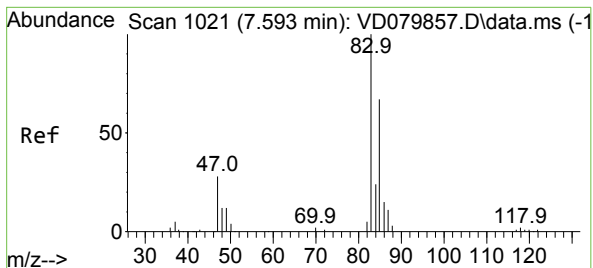
Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

72 0.0 13.1 39.3#





#25

Chloroform

Concen: 2.046 ug/L

RT: 7.604 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD079861.D

Acq: 18 Sep 2024 13:55

Instrument :

MSVOA_D

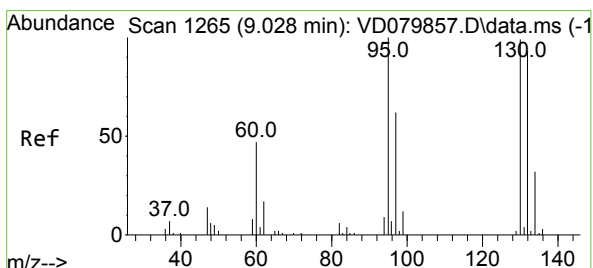
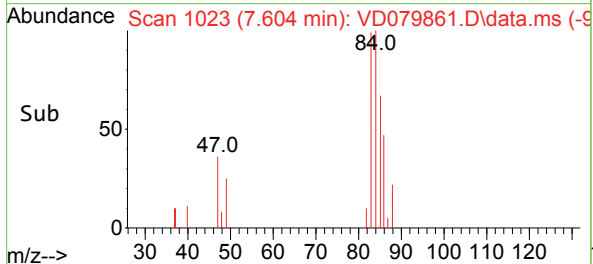
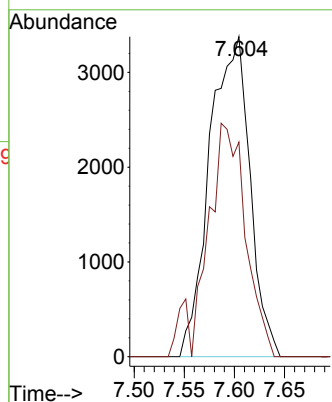
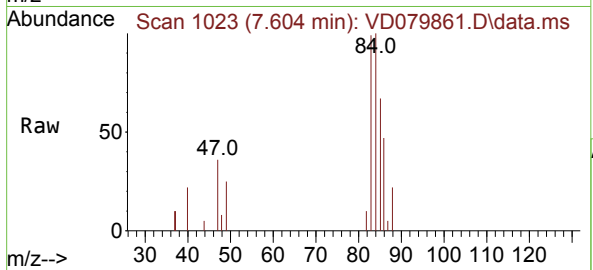
ClientSampleId :

Tgt Ion: 83 Resp: 9438

Ion Ratio Lower Upper

83 100

85 67.1 47.3 87.9



#34

Trichloroethene

Concen: 2.883 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079861.D

Acq: 18 Sep 2024 13:55

Tgt Ion: 95 Resp: 4378

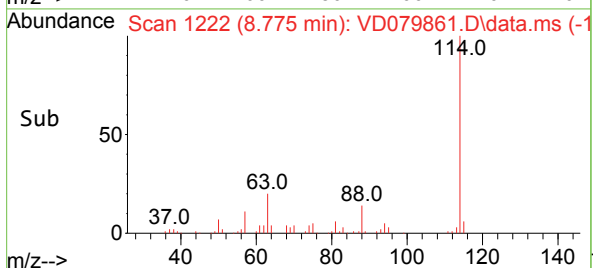
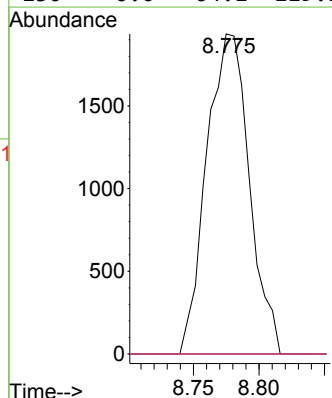
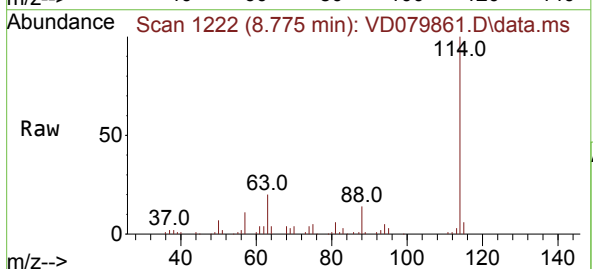
Ion Ratio Lower Upper

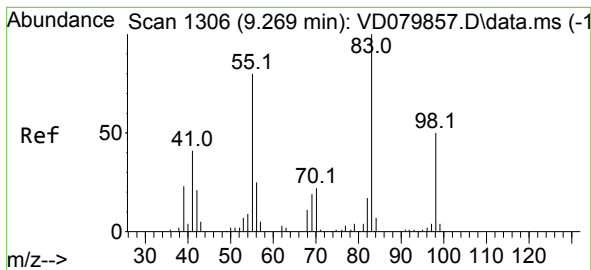
95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#





#35

Methylcyclohexane

Concen: 4.988 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD079861.D

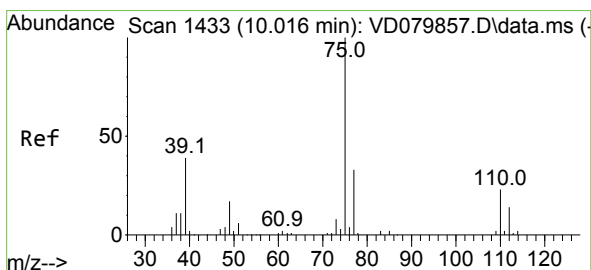
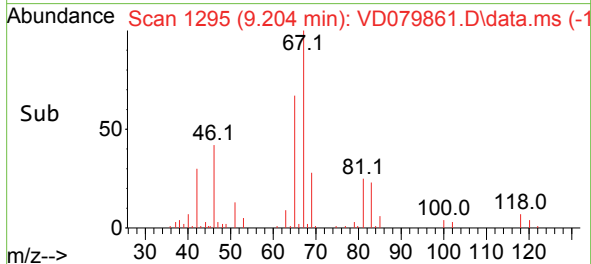
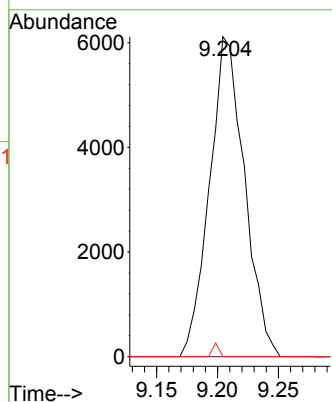
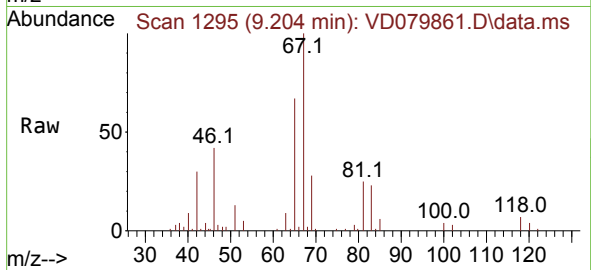
Acq: 18 Sep 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 12222
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 0.0	38.6 58.0#



#39

cis-1,3-Dichloropropene

Concen: 0.398 ug/L

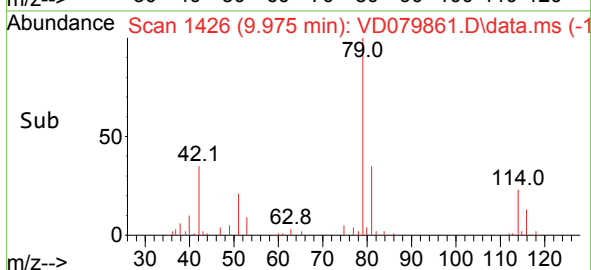
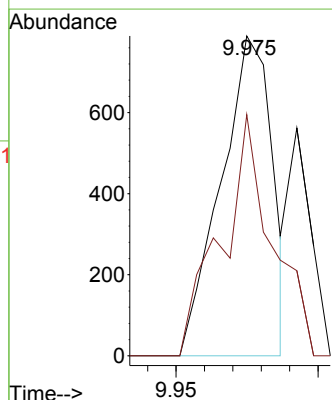
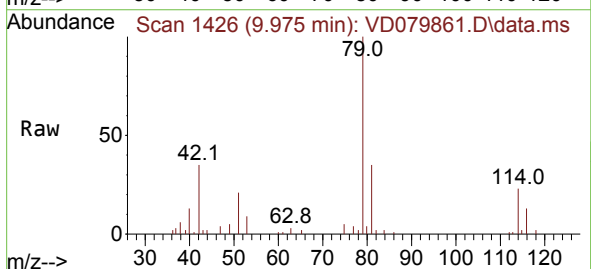
RT: 9.975 min Scan# 1426

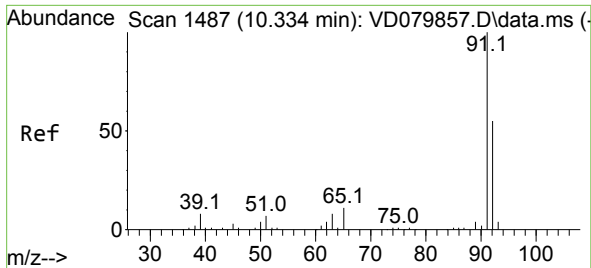
Delta R.T. -0.041 min

Lab File: VD079861.D

Acq: 18 Sep 2024 13:55

Tgt Ion: 75	Resp: 1002
Ion Ratio	Lower Upper
75 100	
77 75.4	24.1 44.8#





#42

Toluene

Concen: 0.245 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079861.D

Acq: 18 Sep 2024 13:55

Instrument :

MSVOA_D

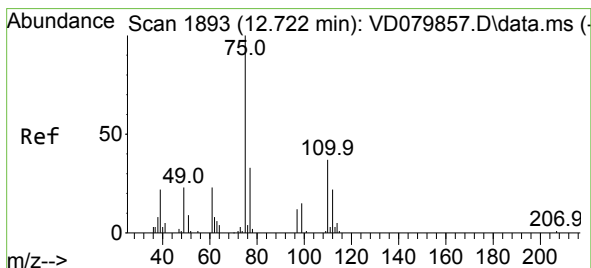
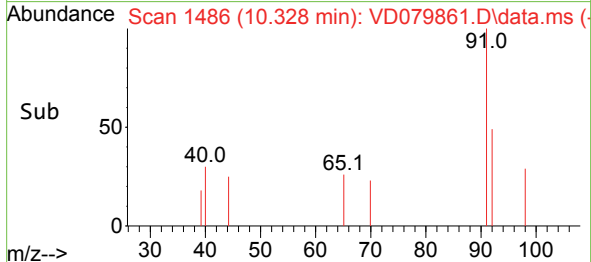
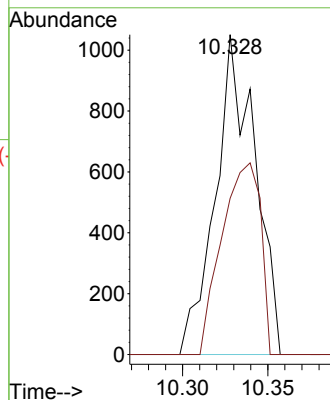
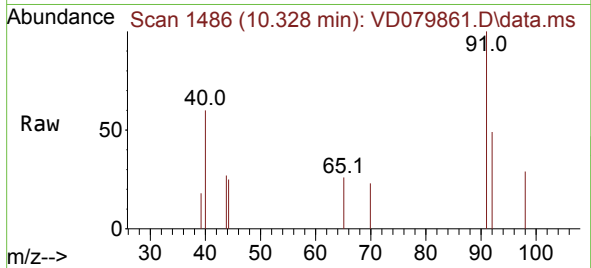
ClientSampleId :

Tgt Ion: 91 Resp: 1699

Ion Ratio Lower Upper

91 100

92 48.8 38.6 71.8



#61

1,2,3-Trichloropropane

Concen: 6.318 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.800 min

Lab File: VD079861.D

Acq: 18 Sep 2024 13:55

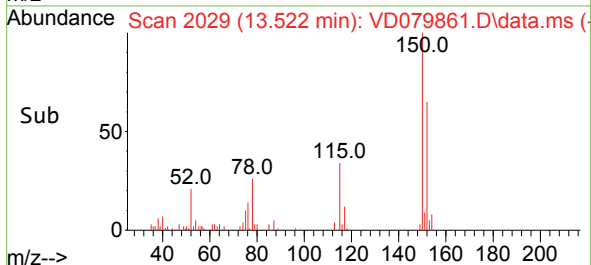
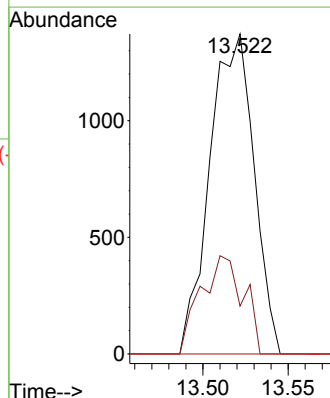
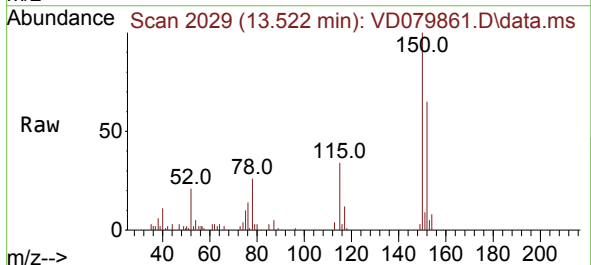
Tgt Ion: 75 Resp: 2473

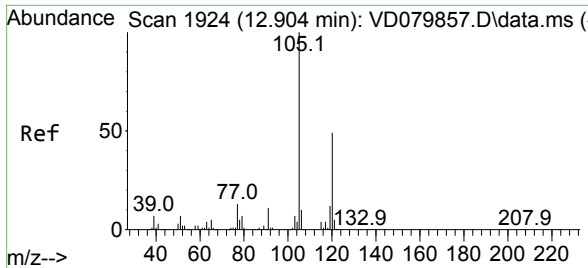
Ion Ratio Lower Upper

75 100

77 29.4 25.1 37.7

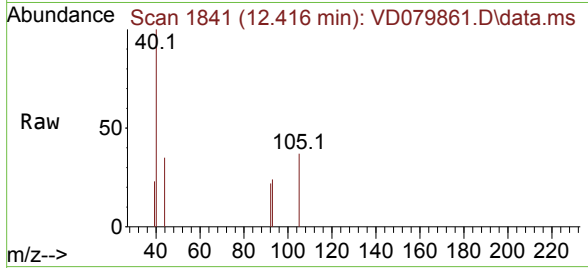
110 0.0 30.1 45.1





#62
 1,3,5-Trimethylbenzene
 Concen: 0.104 ug/L
 RT: 12.416 min Scan# 11
 Delta R.T. -0.488 min
 Lab File: VD079861.D
 Acq: 18 Sep 2024 13:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:105 Resp: 209
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.3 57.5#

