

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079865.D
 Acq On : 18 Sep 2024 15:54
 Operator : RP/MD
 Sample : P4083-10
 Misc : 4.99G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:55:19 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)

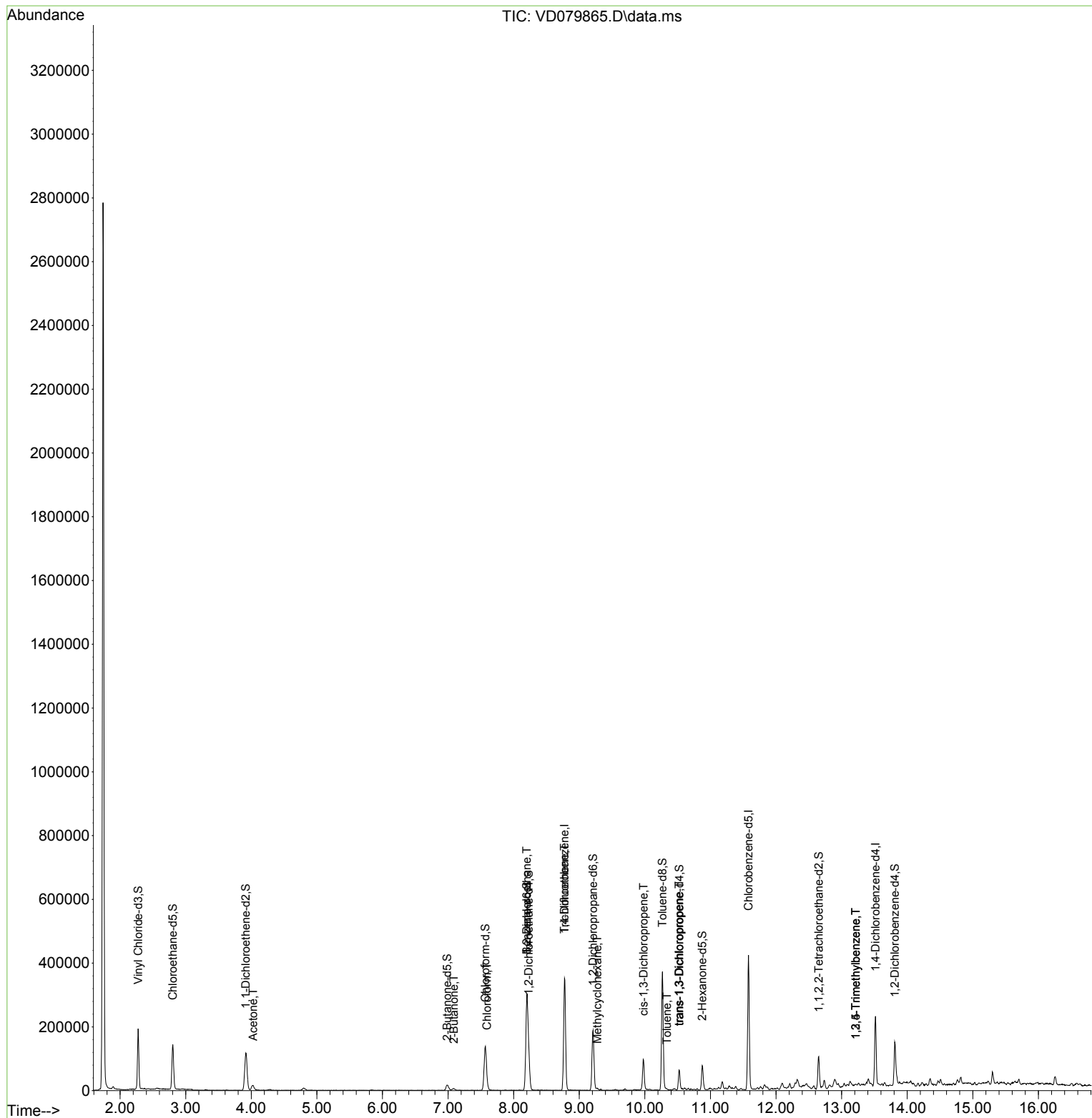
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	305098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	229174	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	55502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	172904	13.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.120%
7) Chloroethane-d5	2.805	69	144752	13.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.120%
11) 1,1-Dichloroethene-d2	3.916	65	34626	14.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.520%
21) 2-Butanone-d5	6.987	46	28897	23.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.880%
24) Chloroform-d	7.569	84	143803	14.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	57.360%
26) 1,2-Dichloroethane-d4	8.228	65	77560	14.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.160%#
32) Benzene-d6	8.199	84	310442	19.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.760%
36) 1,2-Dichloropropane-d6	9.210	67	98816	19.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.760%
41) Toluene-d8	10.269	98	243990	17.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.560%
43) trans-1,3-Dichloroprop...	10.528	79	36636	17.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.800%
47) 2-Hexanone-d5	10.875	63	24981	30.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	49577	13.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	54.480%
66) 1,2-Dichlorobenzene-d4	13.810	152	32702	15.624	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.480%#
Target Compounds						Qvalue
13) Acetone	4.028	43	26668	17.746	ug/L	68
22) 2-Butanone	7.087	43	9322	5.288	ug/L	100
25) Chloroform	7.593	83	10216	1.000	ug/L	92
27) 1,2-Dichloroethane	8.199	62	1297	0.208	ug/L #	74
34) Trichloroethene	8.775	95	9121	2.313	ug/L #	8
35) Methylcyclohexane	9.275	83	1334	0.210	ug/L #	70
39) cis-1,3-Dichloropropene	9.981	75	2577	0.394	ug/L #	45
42) Toluene	10.340	91	2447	0.136	ug/L	93
44) trans-1,3-Dichloropropene	10.522	75	1984	0.344	ug/L	91
62) 1,3,5-Trimethylbenzene	13.216	105	2814	0.402	ug/L	93
63) 1,2,4-Trimethylbenzene	13.216	105	2814	0.383	ug/L	89

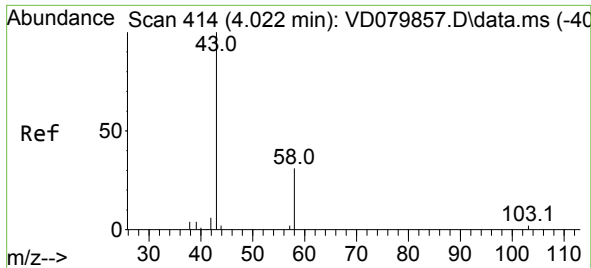
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 17.746 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079865.D

Acq: 18 Sep 2024 15:54

Instrument :

MSVOA_D

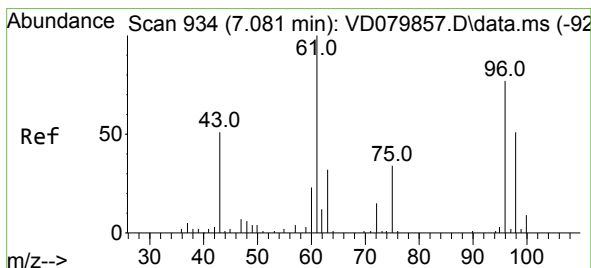
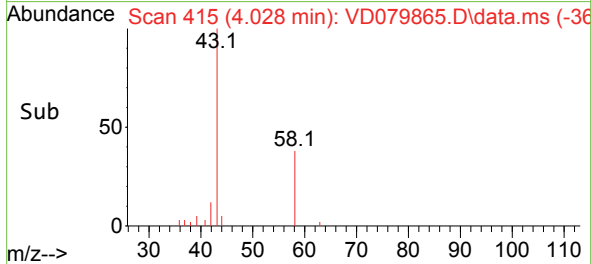
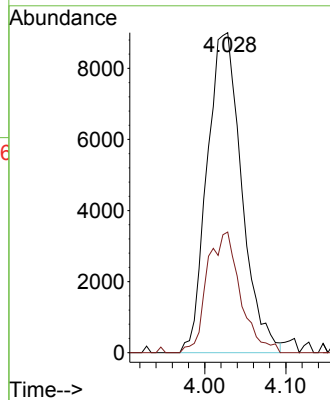
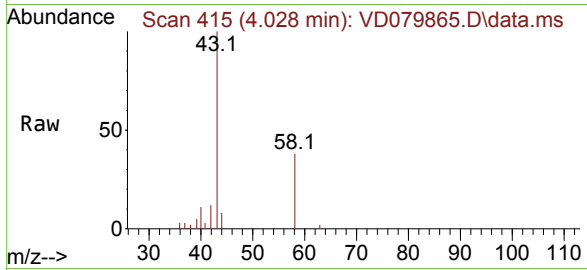
ClientSampleId :

Tgt Ion: 43 Resp: 26668

Ion Ratio Lower Upper

43 100

58 18.9 0.0 75.8



#22

2-Butanone

Concen: 5.288 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD079865.D

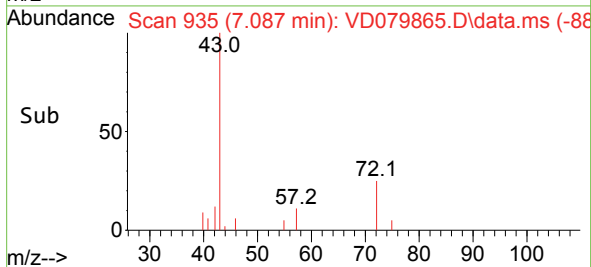
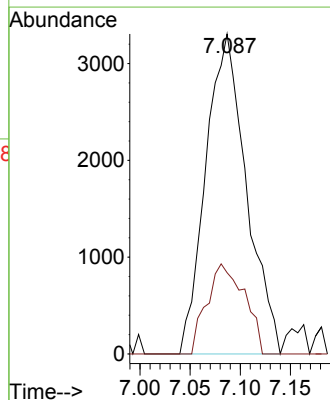
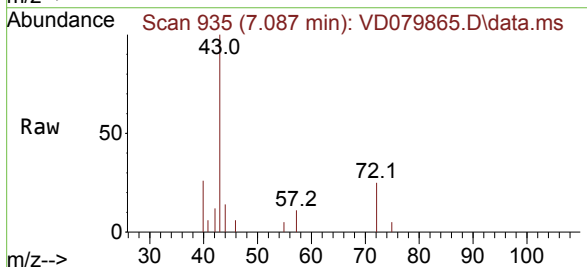
Acq: 18 Sep 2024 15:54

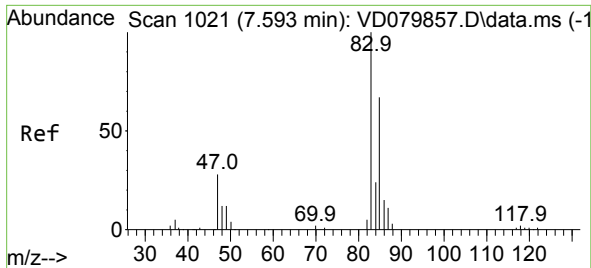
Tgt Ion: 43 Resp: 9322

Ion Ratio Lower Upper

43 100

72 26.0 13.1 39.3

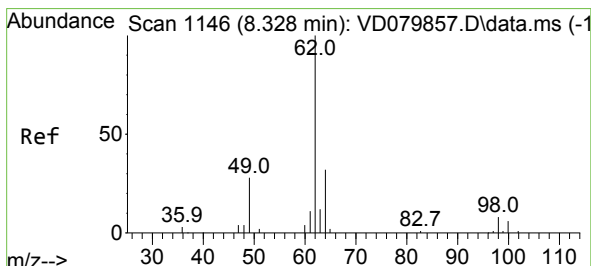
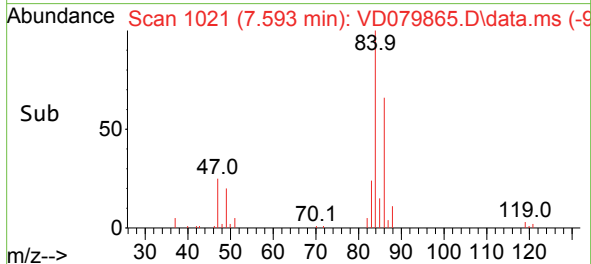
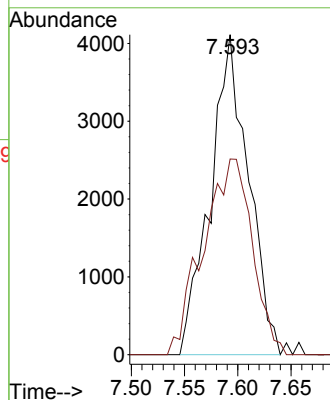
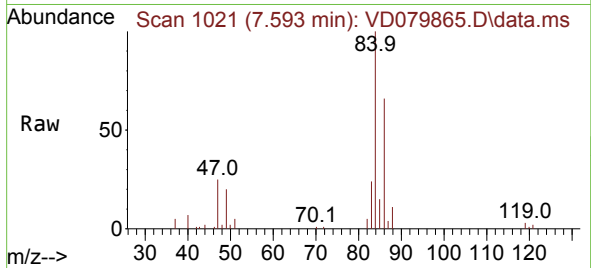




#25
Chloroform
Concen: 1.000 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079865.D
Acq: 18 Sep 2024 15:54

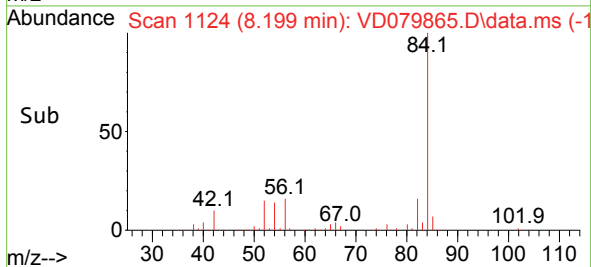
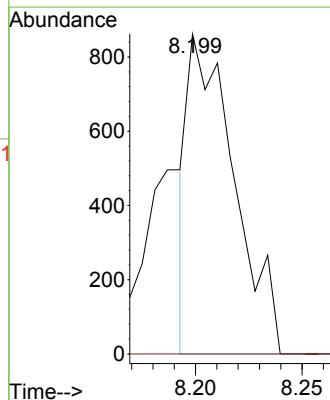
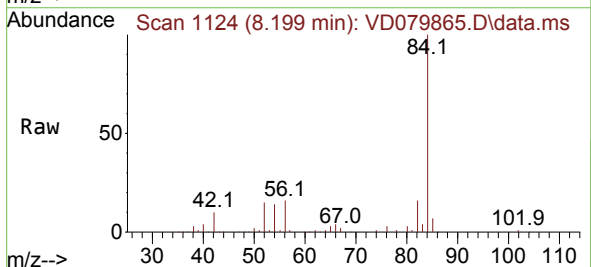
Instrument :
MSVOA_D
ClientSampleId :

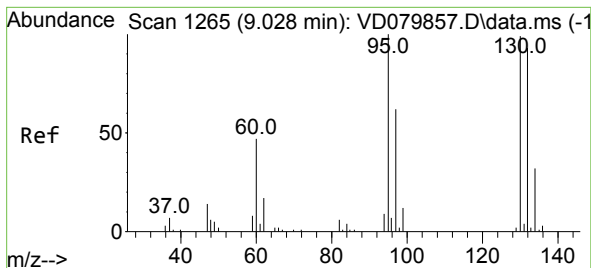
Tgt Ion: 83 Resp: 10216
Ion Ratio Lower Upper
83 100
85 61.1 47.3 87.9



#27
1,2-Dichloroethane
Concen: 0.208 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD079865.D
Acq: 18 Sep 2024 15:54

Tgt Ion: 62 Resp: 1297
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 2.313 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD079865.D

Acq: 18 Sep 2024 15:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 9121

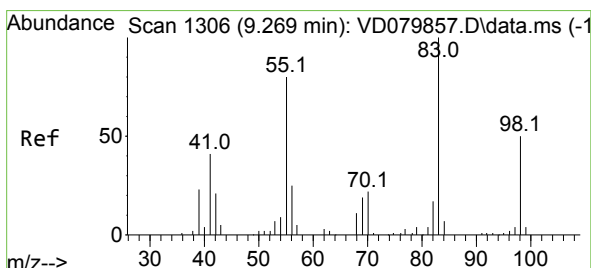
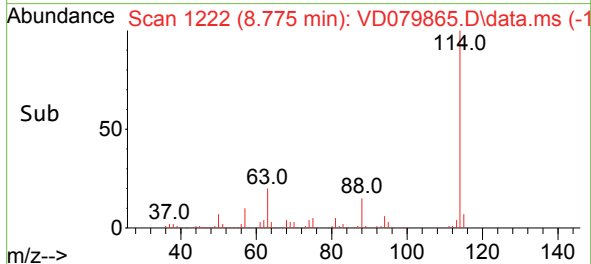
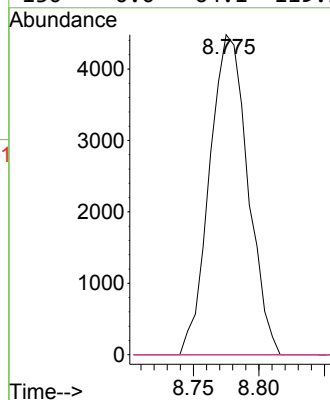
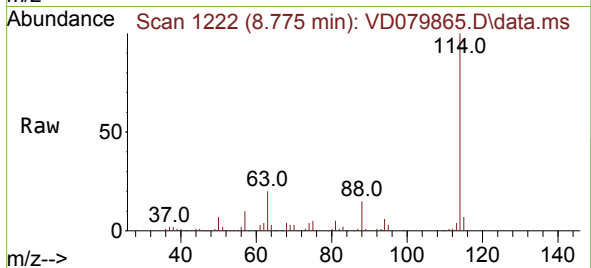
Ion Ratio Lower Upper

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: 0.210 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD079865.D

Acq: 18 Sep 2024 15:54

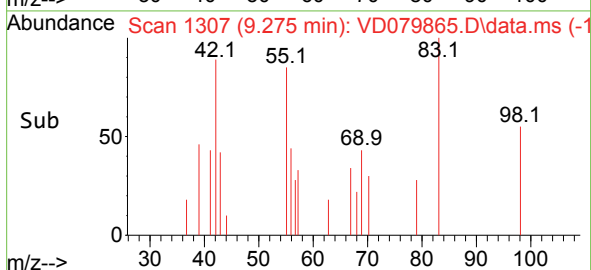
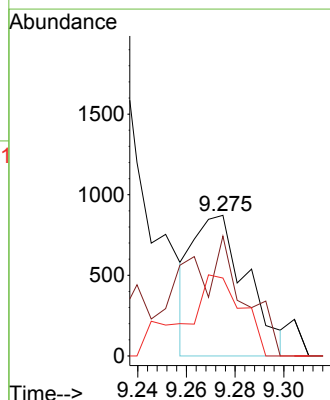
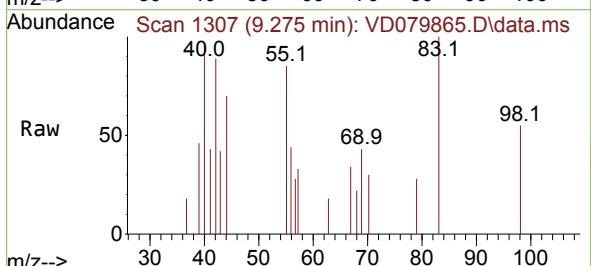
Tgt Ion: 83 Resp: 1334

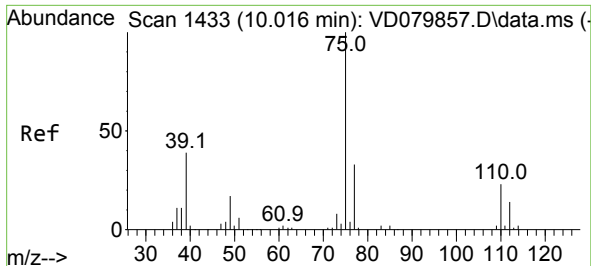
Ion Ratio Lower Upper

83 100

55 36.7 58.9 88.3#

98 41.8 38.6 58.0





#39

cis-1,3-Dichloropropene

Concen: 0.394 ug/L

RT: 9.981 min Scan# 14

Delta R.T. -0.035 min

Lab File: VD079865.D

Acq: 18 Sep 2024 15:54

Instrument :

MSVOA_D

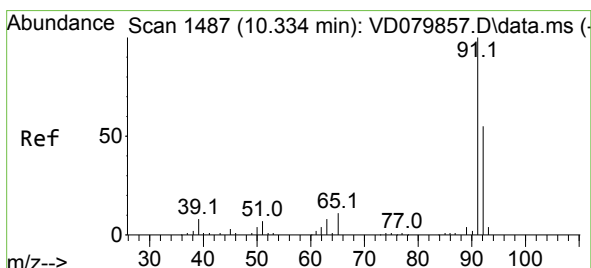
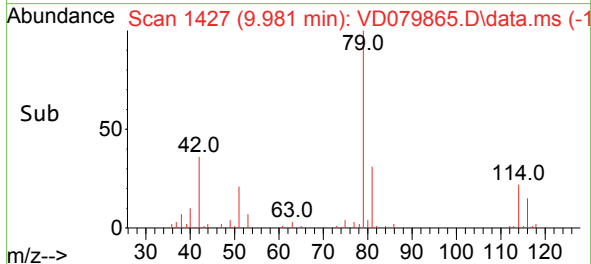
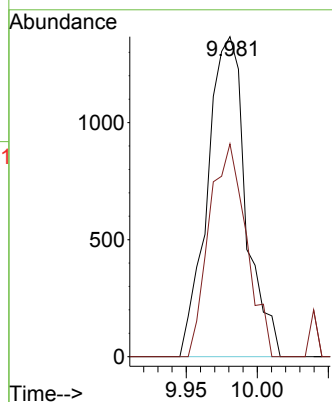
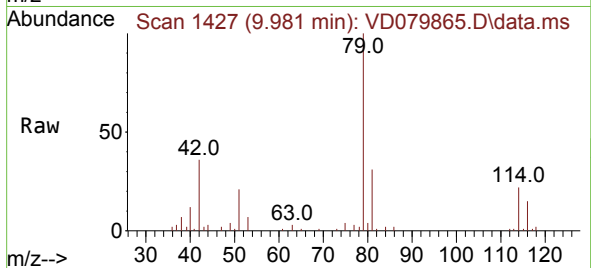
ClientSampleId :

Tgt Ion: 75 Resp: 2577

Ion Ratio Lower Upper

75 100

77 66.5 24.1 44.8#



#42

Toluene

Concen: 0.136 ug/L

RT: 10.340 min Scan# 1488

Delta R.T. 0.006 min

Lab File: VD079865.D

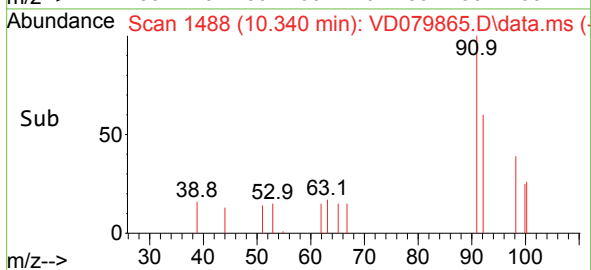
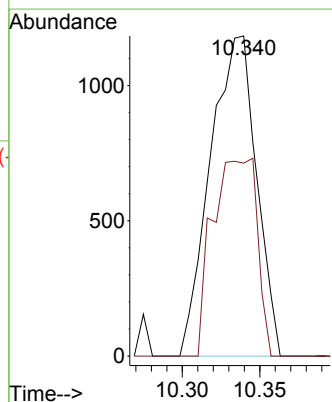
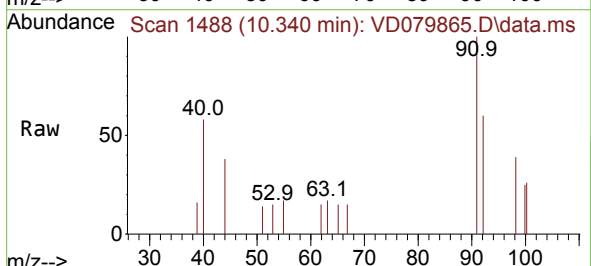
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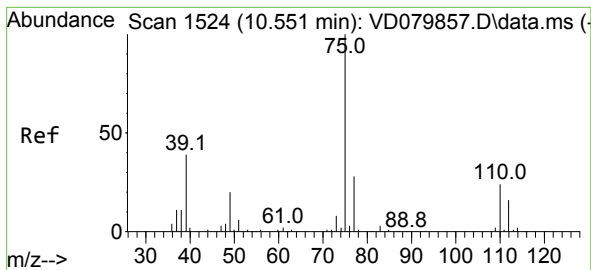
Tgt Ion: 91 Resp: 2447

Ion Ratio Lower Upper

91 100

92 60.3 38.6 71.8

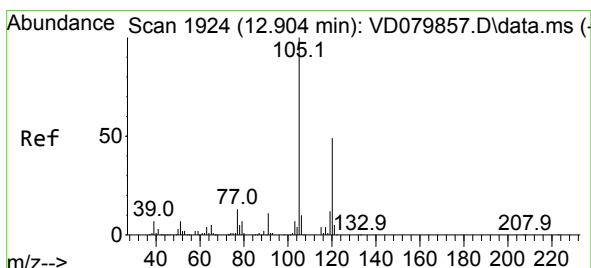
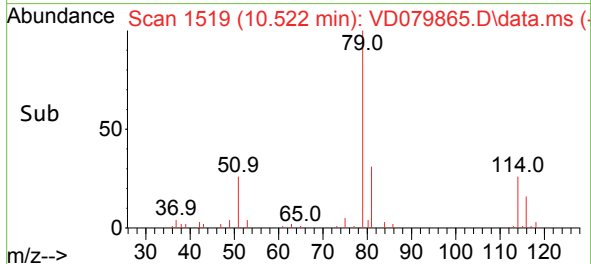
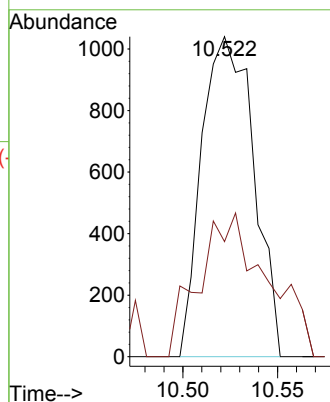
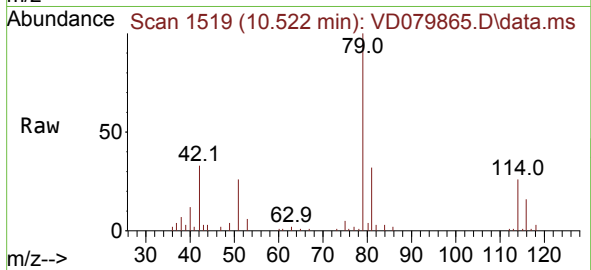




#44
trans-1,3-Dichloropropene
Concen: 0.344 ug/L
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD079865.D
Acq: 18 Sep 2024 15:54

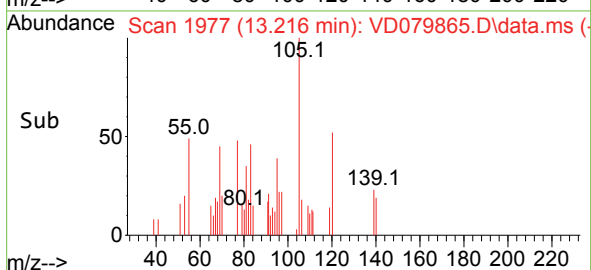
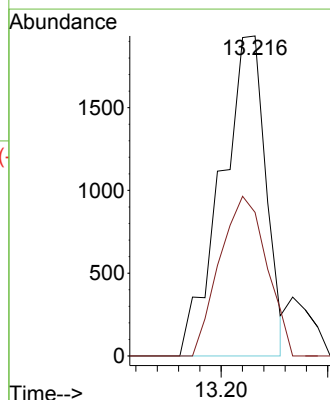
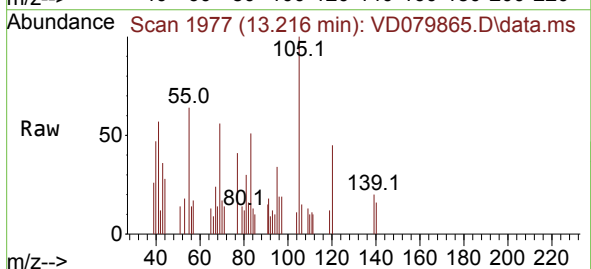
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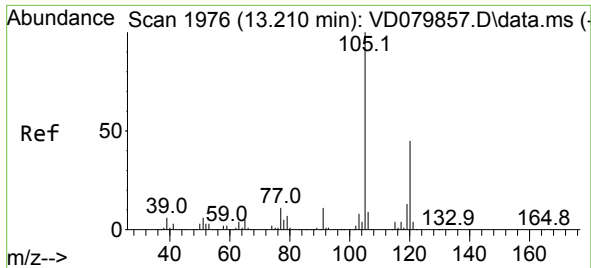
Tgt Ion: 75 Resp: 1984
Ion Ratio Lower Upper
75 100
77 36.0 21.8 40.4



#62
1,3,5-Trimethylbenzene
Concen: 0.402 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.312 min
Lab File: VD079865.D
Acq: 18 Sep 2024 15:54

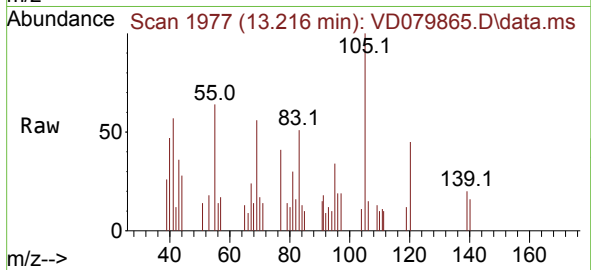
Tgt Ion: 105 Resp: 2814
Ion Ratio Lower Upper
105 100
120 52.7 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.383 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD079865.D
 Acq: 18 Sep 2024 15:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:105 Resp: 2814
 Ion Ratio Lower Upper
 105 100
 120 52.7 36.3 54.5

