

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079874.D
 Acq On : 24 Sep 2024 13:46
 Operator : RP/MD
 Sample : P4162-01
 Misc : 5.26G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 01:22:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:21:43 2024
 Response via : Initial Calibration

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

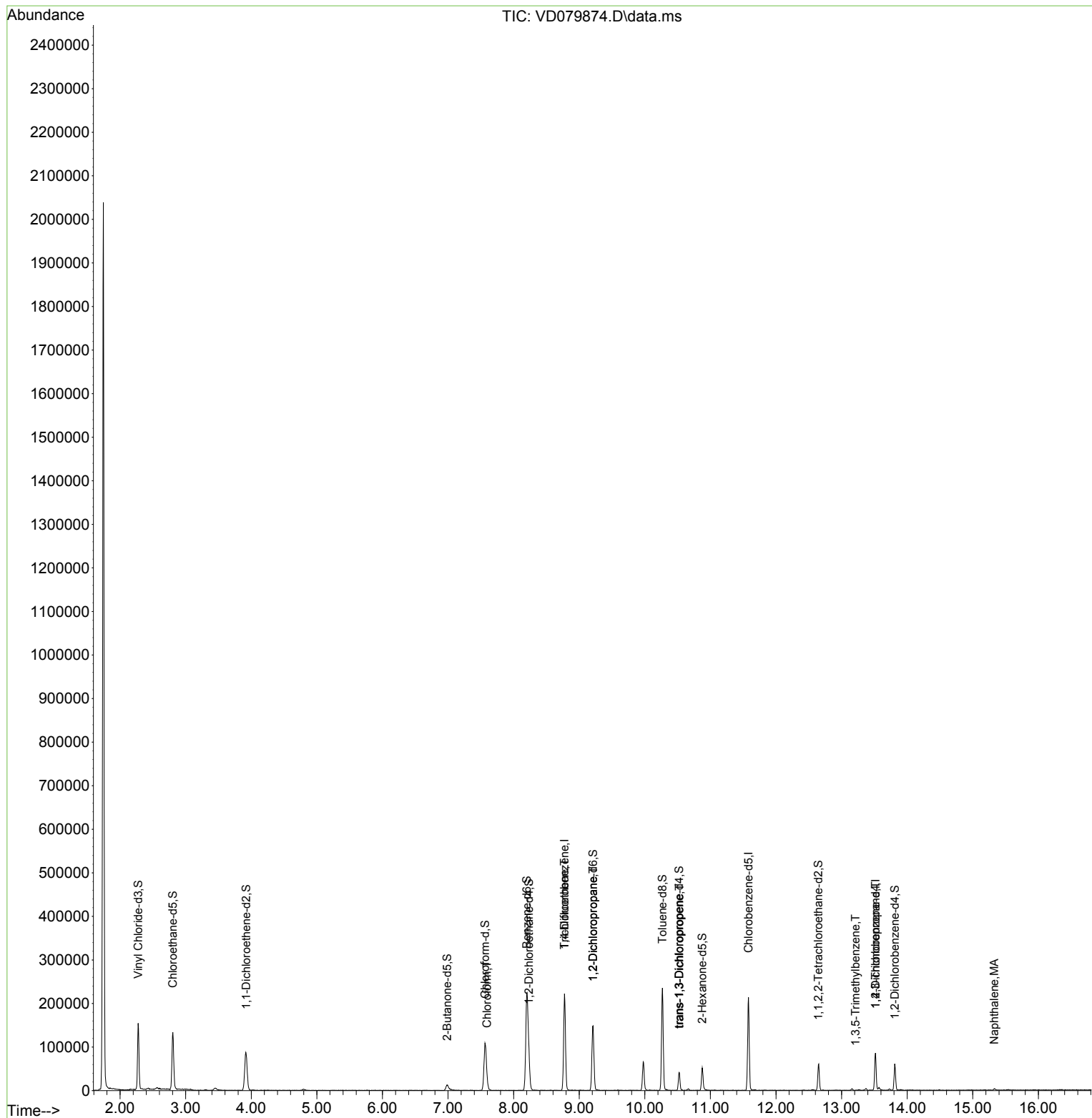
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	184642	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	113962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	21600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	143989	17.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.720%
7) Chloroethane-d5	2.805	69	139283	21.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	3.922	65	26080	17.891	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.560%
21) 2-Butanone-d5	6.987	46	21513	28.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.680%
24) Chloroform-d	7.563	84	112083	18.467	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.880%
26) 1,2-Dichloroethane-d4	8.234	65	63055	19.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.480%
32) Benzene-d6	8.199	84	235277	29.243	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.960%
36) 1,2-Dichloropropane-d6	9.210	67	76329	30.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.920%#
41) Toluene-d8	10.269	98	162588	22.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.522	79	24308	22.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.875	63	17391	43.295	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.600%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	30644	16.923	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	14603	17.927	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.720%#
Target Compounds						
25) Chloroform	7.593	83	11050	1.788	ug/L	76
34) Trichloroethene	8.775	95	5772	2.944	ug/L #	8
37) 1,2-Dichloropropane	9.210	63	7852	3.393	ug/L #	100
44) trans-1,3-Dichloropropene	10.528	75	1269	0.443	ug/L	94
61) 1,2,3-Trichloropropane	13.516	75	3261	6.142	ug/L #	55
62) 1,3,5-Trimethylbenzene	13.210	105	287	0.105	ug/L #	29
71) Naphthalene	15.328	128	2883	1.641	ug/L	100

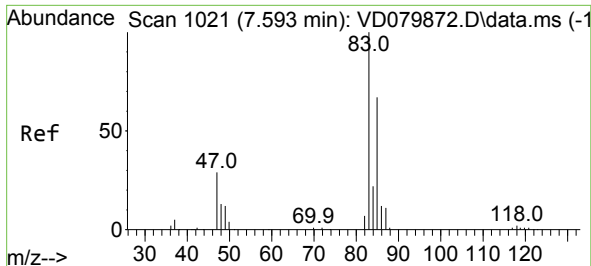
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Sep 25 01:22:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:21:43 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 1.788 ug/L

RT: 7.593 min Scan# 11050

Delta R.T. -0.000 min

Lab File: VD079874.D

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Instrument :

MSVOA_D

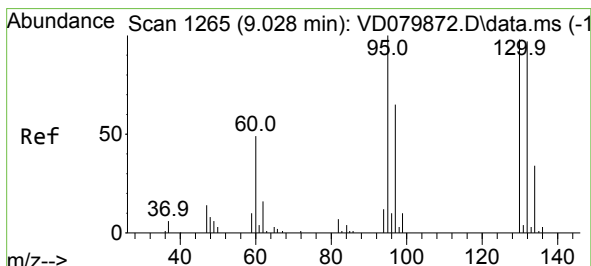
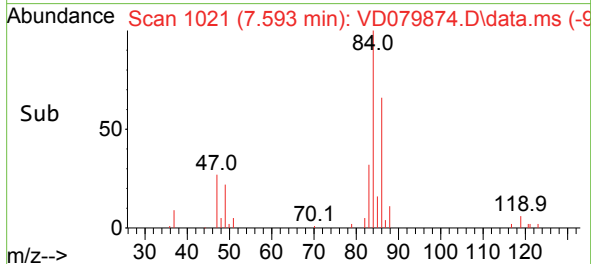
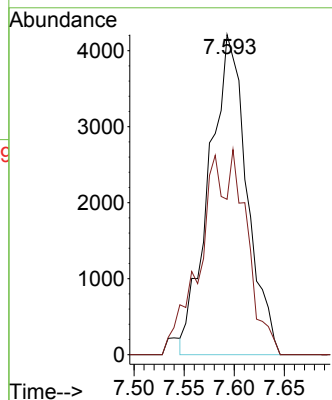
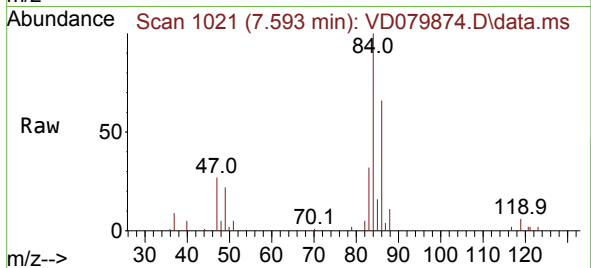
ClientSampleId :

Tgt Ion: 83 Resp: 11050

Ion Ratio Lower Upper

83 100

85 48.5 47.3 87.9



#34

Trichloroethene

Concen: 2.944 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079874.D

Acq: 24 Sep 2024 13:46

Tgt Ion: 95 Resp: 5772

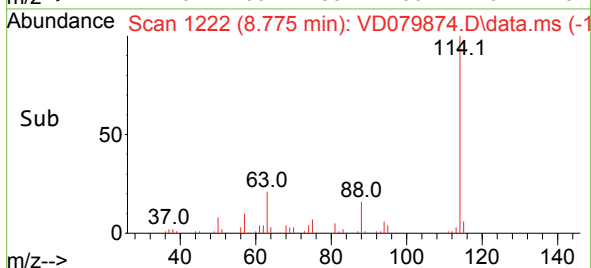
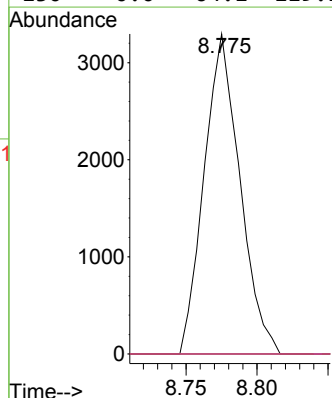
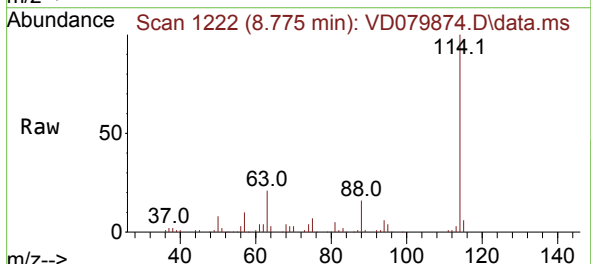
Ion Ratio Lower Upper

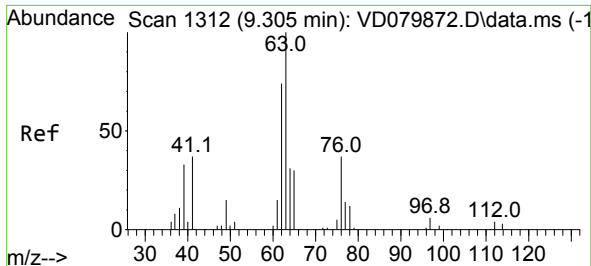
95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#

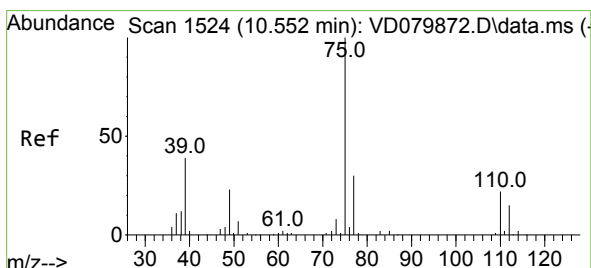
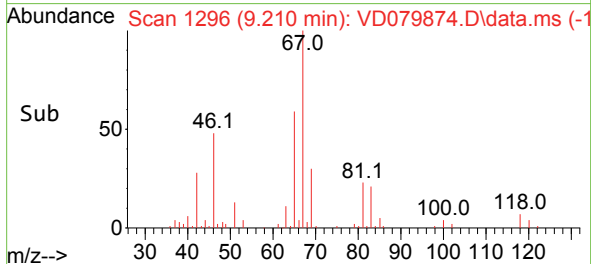
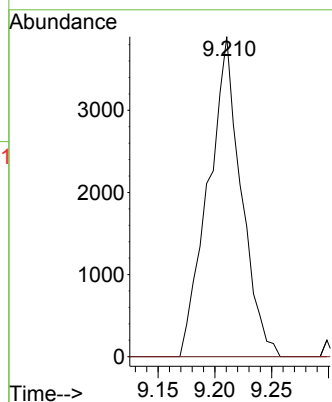
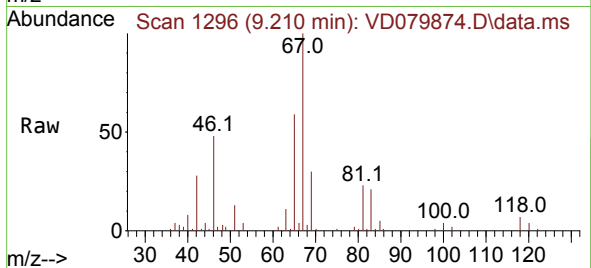




#37
1,2-Dichloropropane
Concen: 3.393 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079874.D
Acq: 24 Sep 2024 13:46

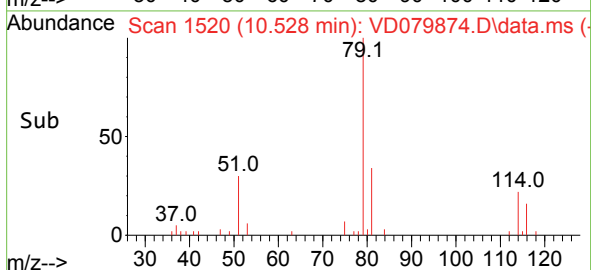
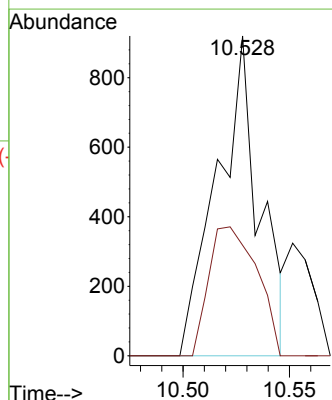
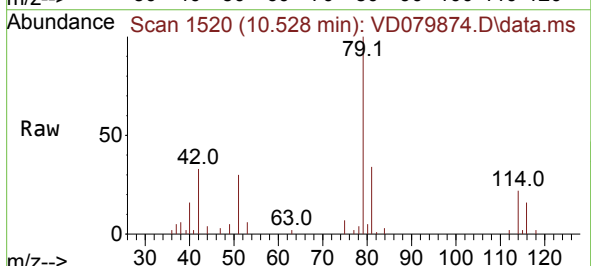
Instrument :
MSVOA_D
ClientSampleId :

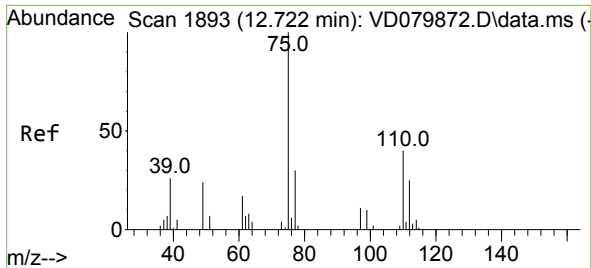
Tgt Ion: 63 Resp: 7852
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0



#44
trans-1,3-Dichloropropene
Concen: 0.443 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.024 min
Lab File: VD079874.D
Acq: 24 Sep 2024 13:46

Tgt Ion: 75 Resp: 1269
Ion Ratio Lower Upper
75 100
77 34.6 21.8 40.4

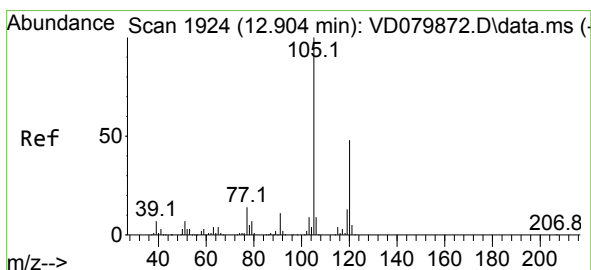
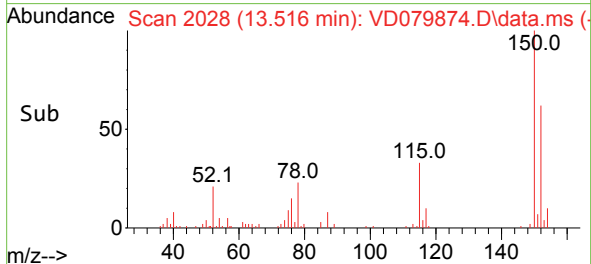
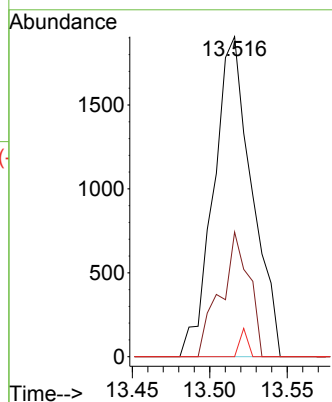
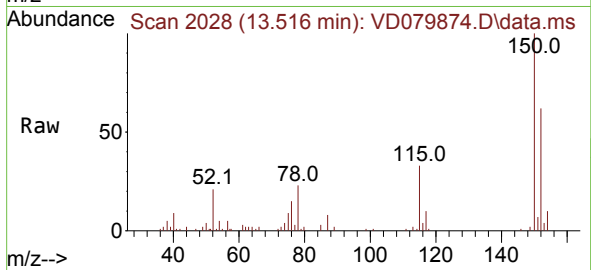




#61
1,2,3-Trichloropropane
Concen: 6.142 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD079874.D
Acq: 24 Sep 2024 13:46

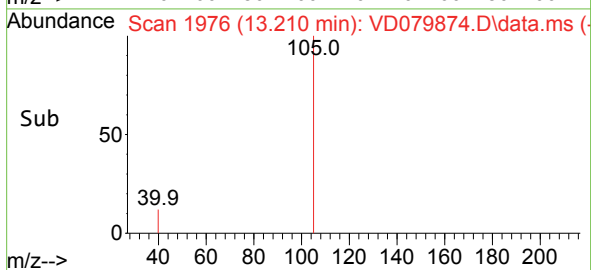
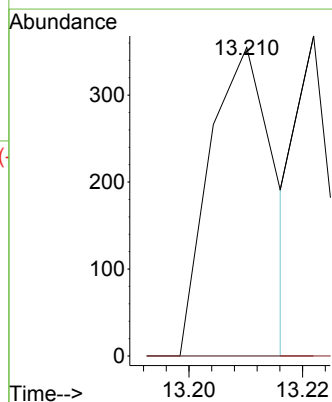
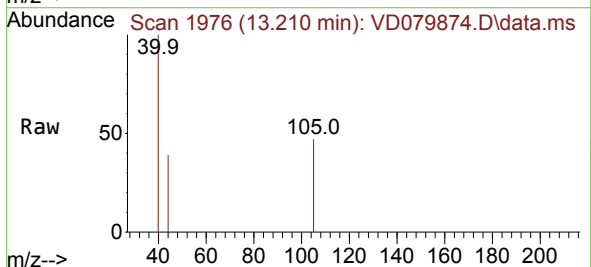
Instrument :
MSVOA_D
ClientSampleId :

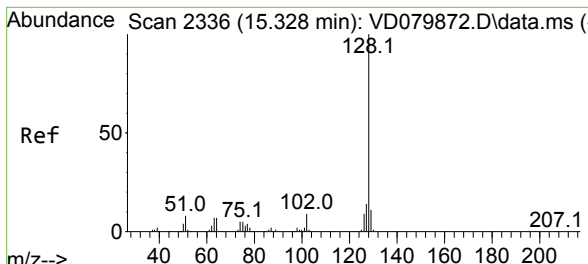
Tgt Ion: 75 Resp: 3261
Ion Ratio Lower Upper
75 100
77 18.5 25.1 37.7#
110 0.0 30.1 45.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.105 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.306 min
Lab File: VD079874.D
Acq: 24 Sep 2024 13:46

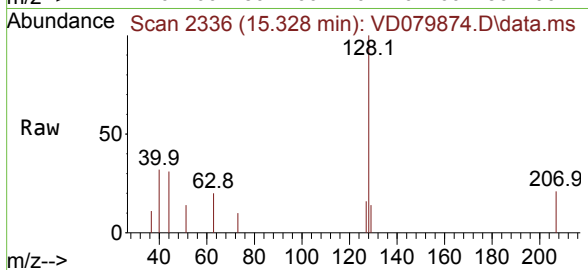
Tgt Ion: 105 Resp: 287
Ion Ratio Lower Upper
105 100
120 0.0 38.3 57.5#





#71
 Naphthalene
 Concen: 1.641 ug/L
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079874.D
 Acq: 24 Sep 2024 13:46

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	2883
Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.2	16.8
129	10.8	8.6	13.0

