

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079085.D
 Acq On : 30 May 2024 10:03
 Operator : RP/MD
 Sample : VD0530SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 01:52:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

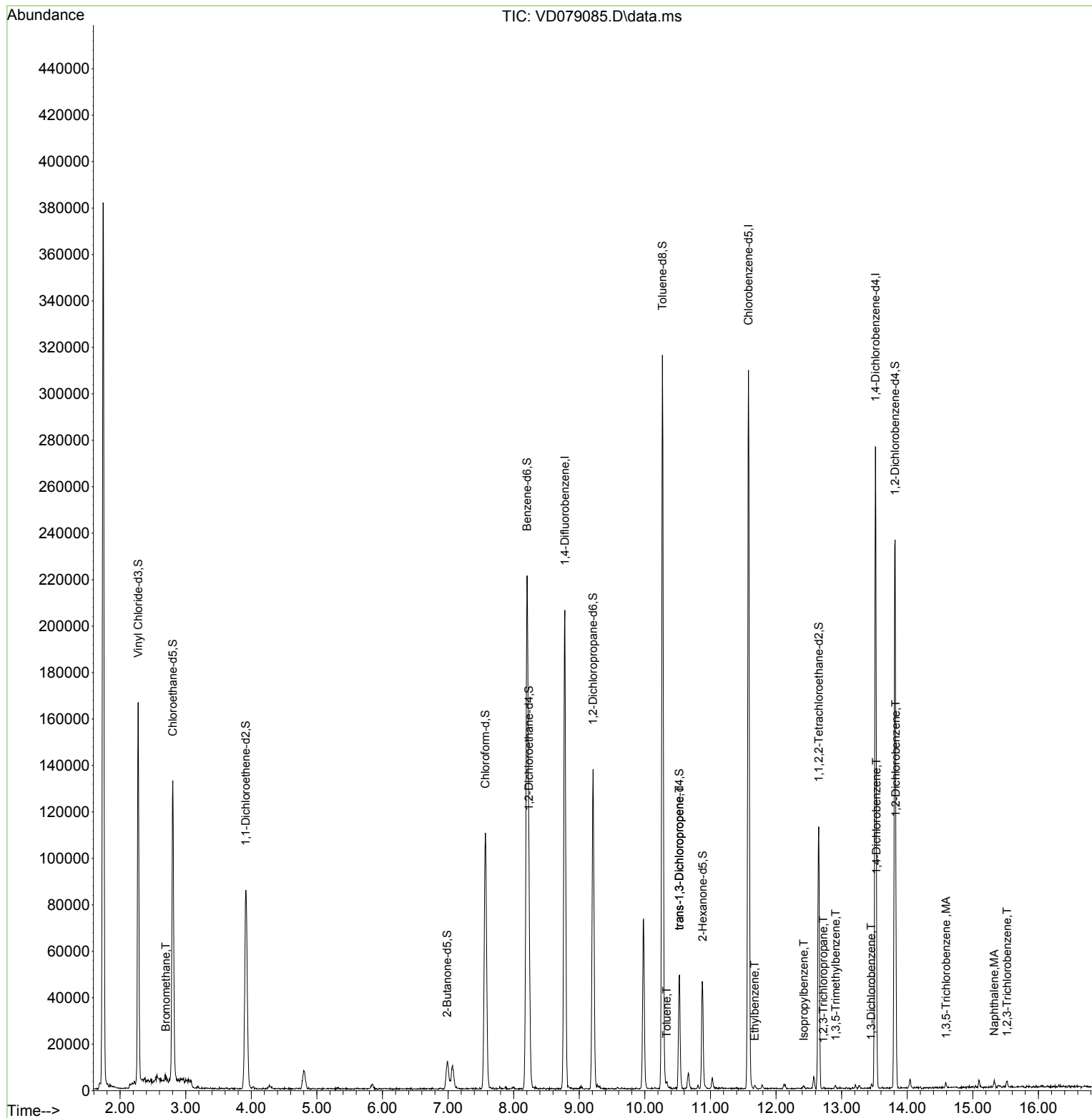
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	190420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	192598	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78028	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	153587	26.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.840%
7) Chloroethane-d5	2.805	69	136206	24.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	3.916	65	24461	23.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.040%
21) 2-Butanone-d5	6.987	46	20909	46.651	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.300%
24) Chloroform-d	7.569	84	119219	22.392	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.234	65	57939	23.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.360%
32) Benzene-d6	8.204	84	249866	23.403	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	9.210	67	70222	22.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	10.269	98	222788	22.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.528	79	29796	23.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.200%
47) 2-Hexanone-d5	10.881	63	17003	42.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60261	22.121	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	68967	25.611	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
6) Bromomethane	2.699	94	1609	0.314	ug/L	72
42) Toluene	10.334	91	1687	0.132	ug/L	93
44) trans-1,3-Dichloropropene	10.528	75	1924	0.519	ug/L #	46
52) Ethylbenzene	11.675	91	1509	0.114	ug/L	100
60) Isopropylbenzene	12.422	105	1333	0.129	ug/L #	76
61) 1,2,3-Trichloropropane	12.722	75	342	0.248	ug/L #	49
62) 1,3,5-Trimethylbenzene	12.910	105	837	0.119	ug/L	88
64) 1,3-Dichlorobenzene	13.451	146	1180	0.238	ug/L #	73
65) 1,4-Dichlorobenzene	13.534	146	1375	0.262	ug/L #	64
67) 1,2-Dichlorobenzene	13.828	146	1379	0.301	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.592	180	814	0.260	ug/L #	80
71) Naphthalene	15.328	128	3057	0.630	ug/L #	73
72) 1,2,3-Trichlorobenzene	15.522	180	1263	0.563	ug/L #	14

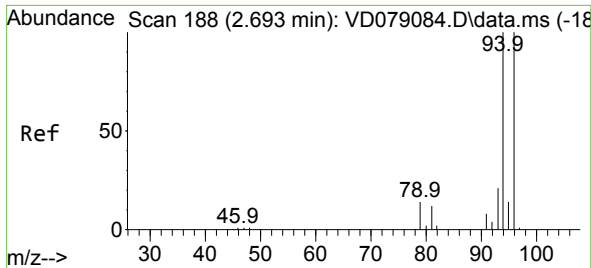
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 31 01:52:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 31 01:52:18 2024
Response via : Initial Calibration

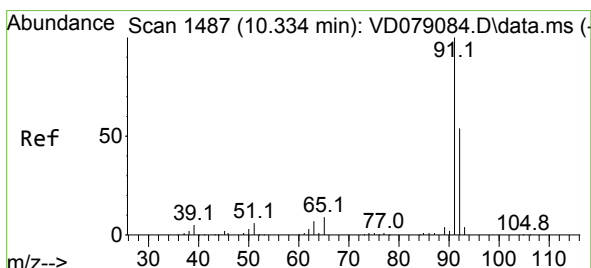
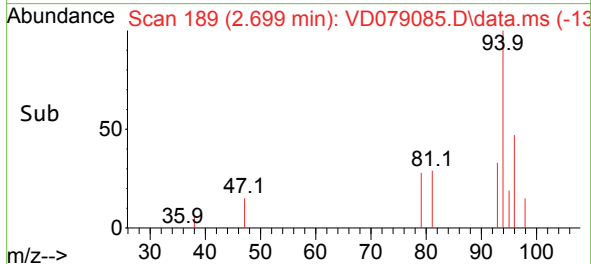
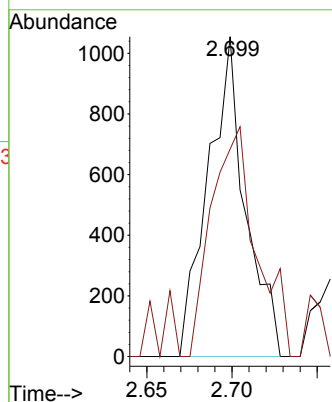
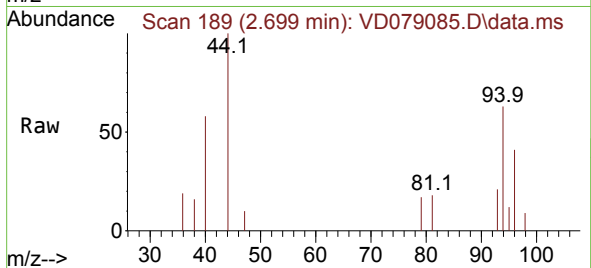




#6
Bromomethane
Concen: 0.314 ug/L
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079085.D
Acq: 30 May 2024 10:03

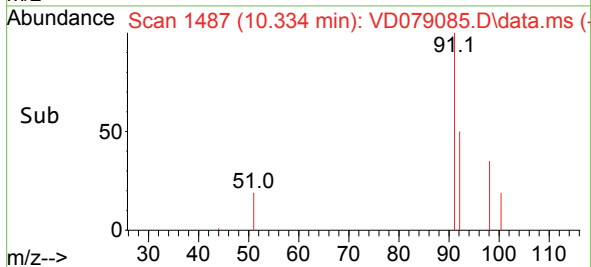
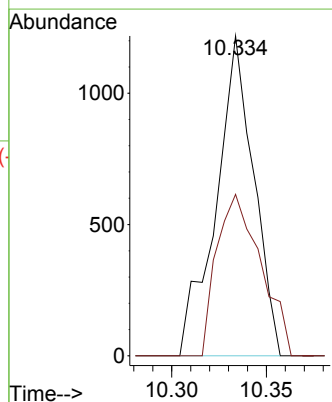
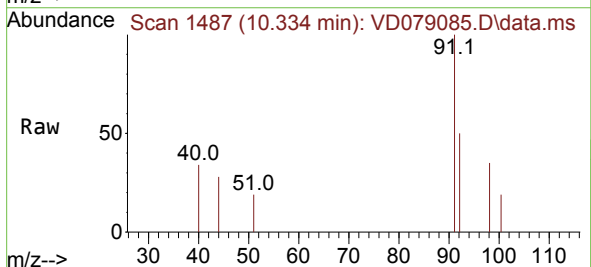
Instrument :
MSVOA_D
ClientSampleId :

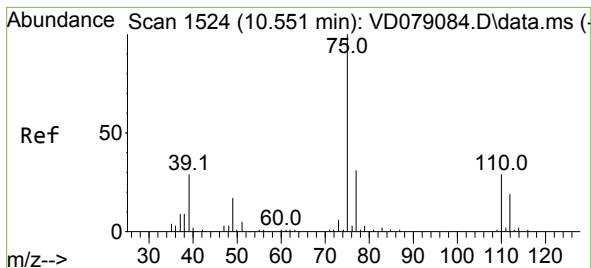
Tgt Ion: 94 Resp: 1609
Ion Ratio Lower Upper
94 100
96 64.8 63.6 118.2



#42
Toluene
Concen: 0.132 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079085.D
Acq: 30 May 2024 10:03

Tgt Ion: 91 Resp: 1687
Ion Ratio Lower Upper
91 100
92 50.5 38.9 72.3





#44

trans-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.024 min

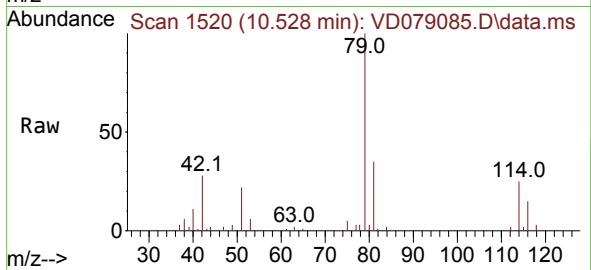
Lab File: VD079085.D

Acq: 30 May 2024 10:03

Instrument :

MSVOA_D

ClientSampleId :

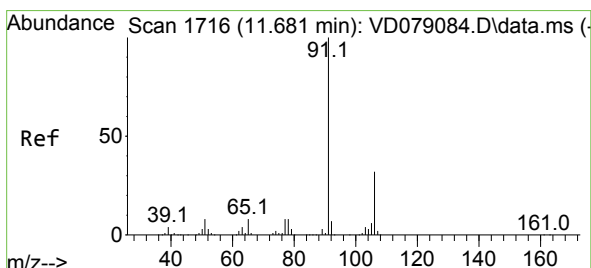
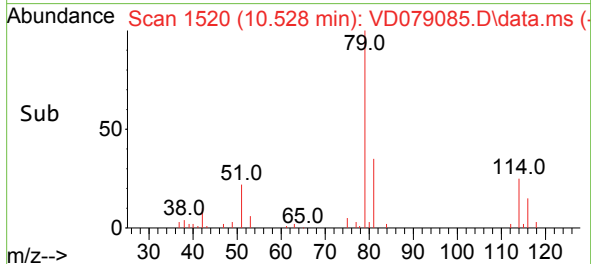
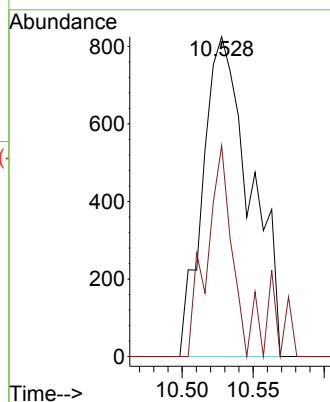


Tgt Ion: 75 Resp: 1924

Ion Ratio Lower Upper

75 100

77 65.9 24.3 45.1#



#52

Ethylbenzene

Concen: 0.114 ug/L

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD079085.D

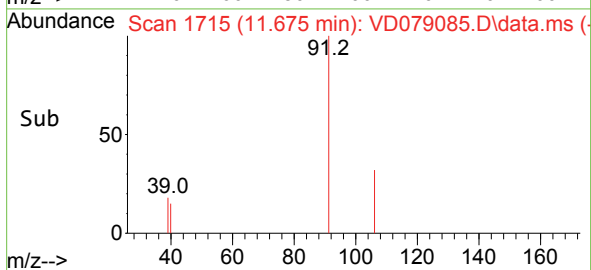
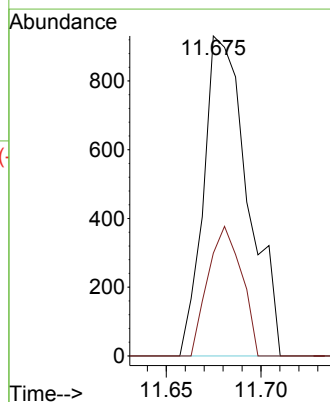
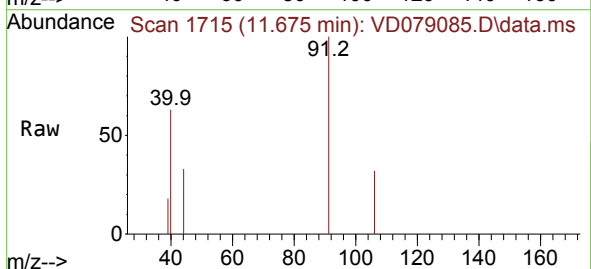
Acq: 30 May 2024 10:03

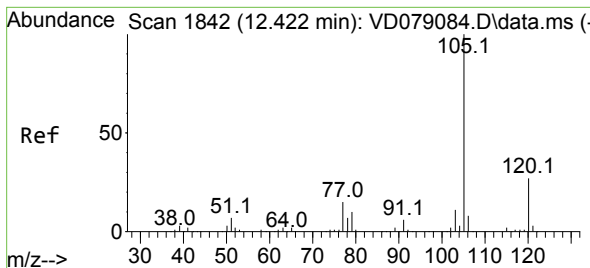
Tgt Ion: 91 Resp: 1509

Ion Ratio Lower Upper

91 100

106 32.1 22.3 41.5





#60

Isopropylbenzene

Concen: 0.129 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

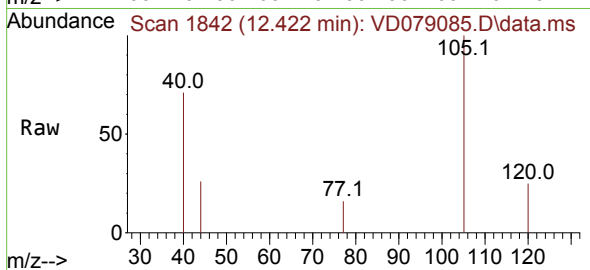
Lab File: VD079085.D

Acq: 30 May 2024 10:03

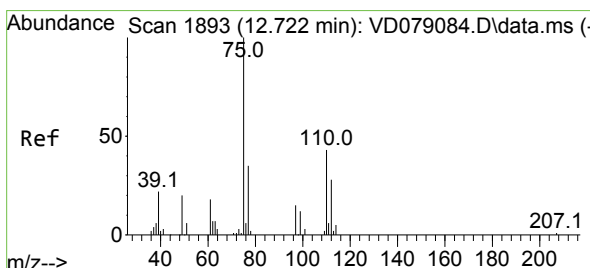
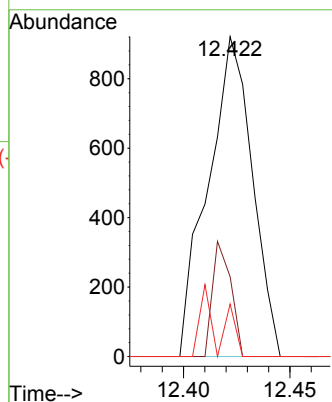
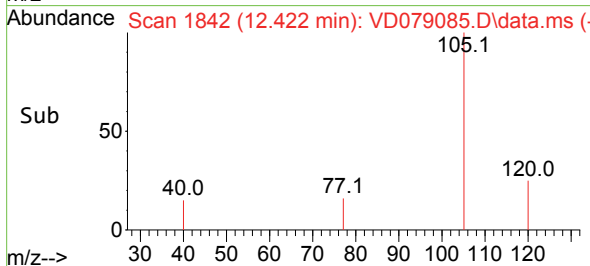
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	105	Resp:	1333
Ion	Ratio	Lower	Upper
105	100		
120	14.9	21.9	32.9#
77	4.0	10.9	16.3#



#61

1,2,3-Trichloropropane

Concen: 0.248 ug/L

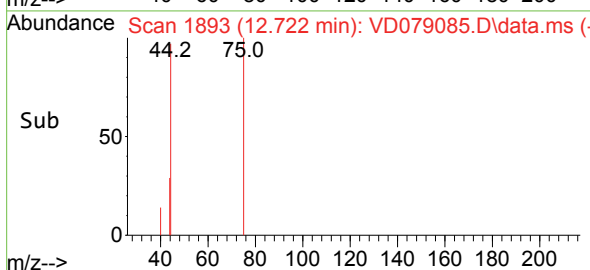
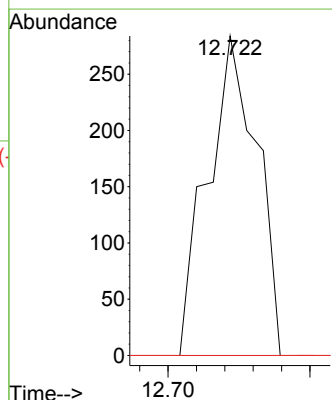
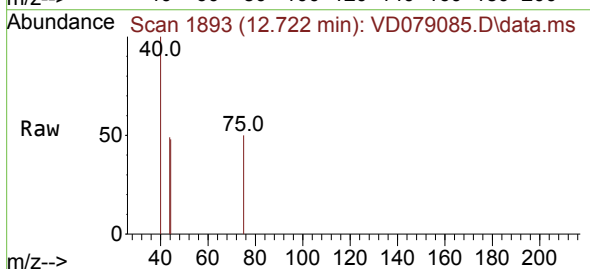
RT: 12.722 min Scan# 1893

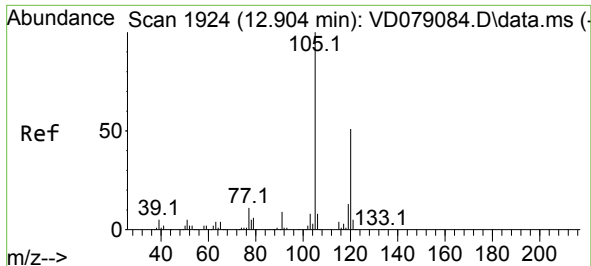
Delta R.T. 0.000 min

Lab File: VD079085.D

Acq: 30 May 2024 10:03

Tgt Ion:	75	Resp:	342
Ion	Ratio	Lower	Upper
75	100		
77	15.5	25.9	38.9#
110	0.0	34.2	51.4#

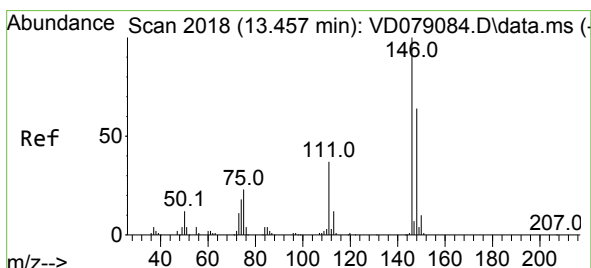
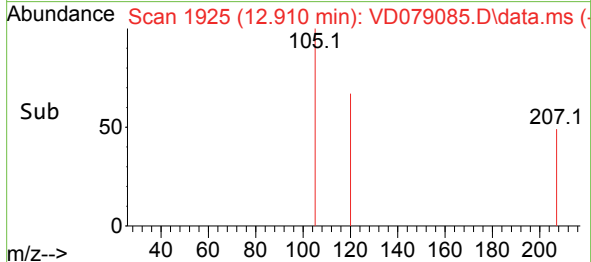
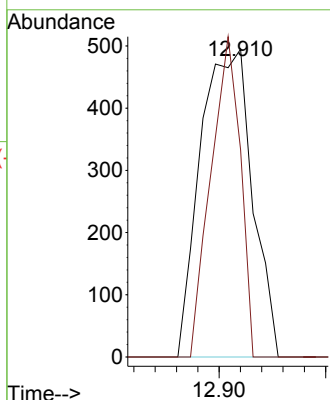
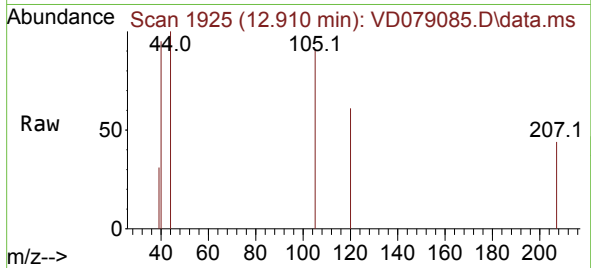




#62
1,3,5-Trimethylbenzene
Concen: 0.119 ug/L
RT: 12.910 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079085.D
Acq: 30 May 2024 10:03

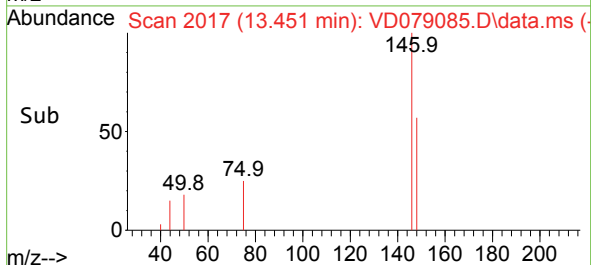
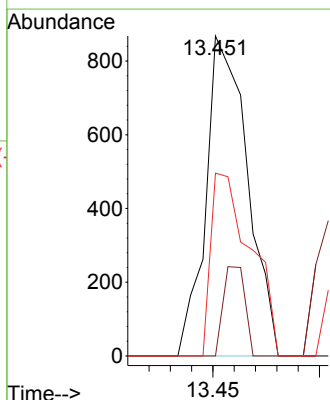
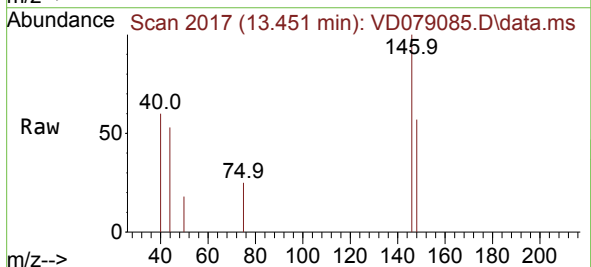
Instrument :
MSVOA_D
ClientSampleId :

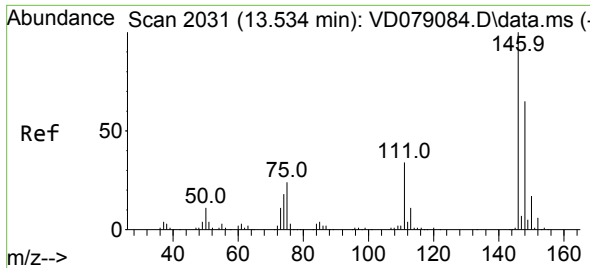
Tgt Ion:105 Resp: 837
Ion Ratio Lower Upper
105 100
120 58.9 40.7 61.1



#64
1,3-Dichlorobenzene
Concen: 0.238 ug/L
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079085.D
Acq: 30 May 2024 10:03

Tgt Ion:146 Resp: 1180
Ion Ratio Lower Upper
146 100
111 0.0 24.4 45.4#
148 57.1 44.9 83.3

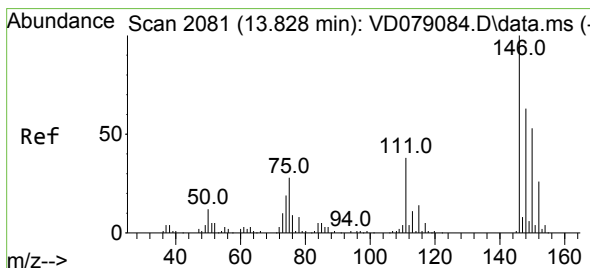
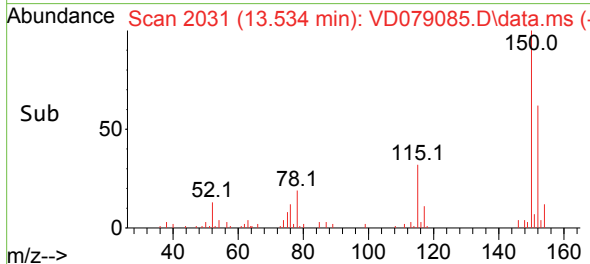
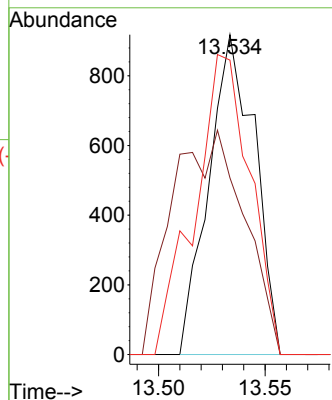
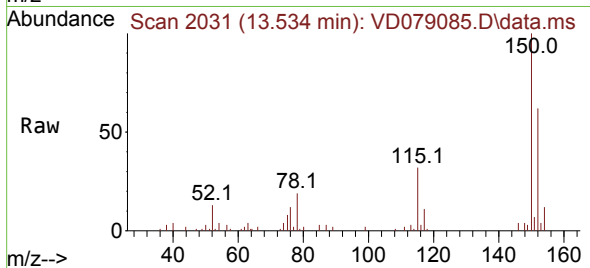




#65
1,4-Dichlorobenzene
Concen: 0.262 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079085.D
Acq: 30 May 2024 10:03

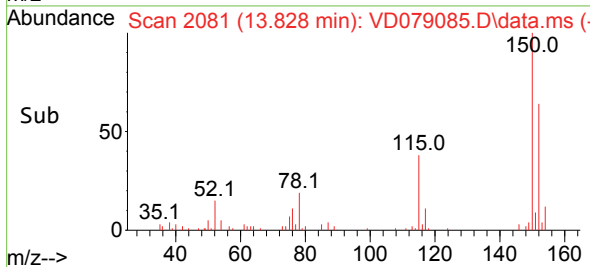
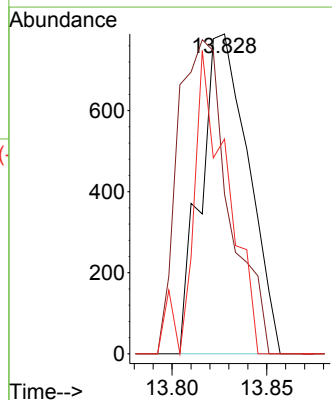
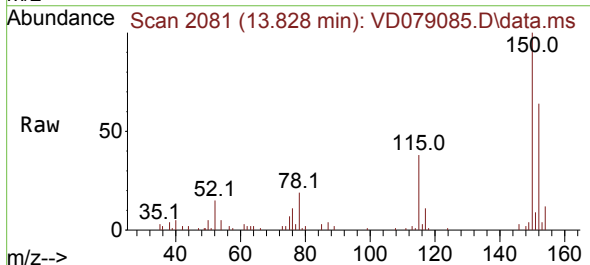
Instrument :
MSVOA_D
ClientSampleId :

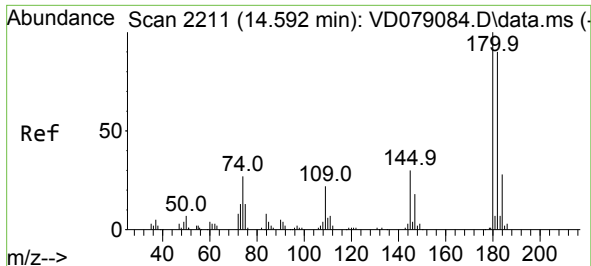
Tgt Ion:146 Resp: 1375
Ion Ratio Lower Upper
146 100
111 55.2 26.3 48.9#
148 92.0 43.1 80.1#



#67
1,2-Dichlorobenzene
Concen: 0.301 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079085.D
Acq: 30 May 2024 10:03

Tgt Ion:146 Resp: 1379
Ion Ratio Lower Upper
146 100
111 49.9 29.1 43.7#
148 67.2 51.2 76.8





#69

1,3,5-Trichlorobenzene

Concen: 0.260 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

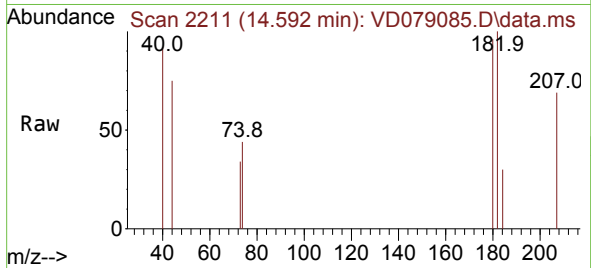
Lab File: VD079085.D

Acq: 30 May 2024 10:03

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 814

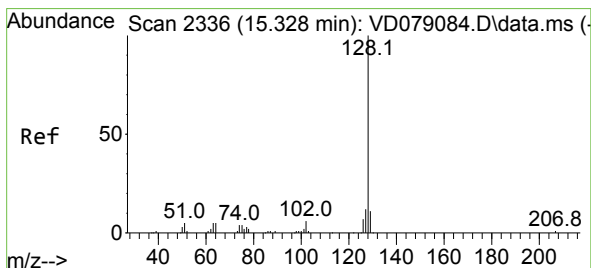
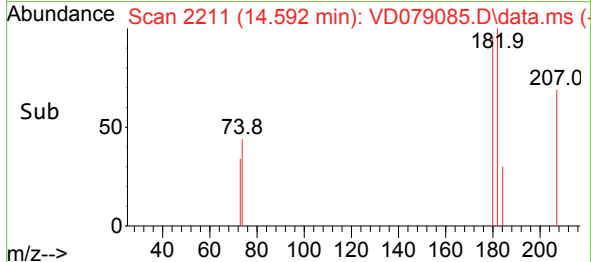
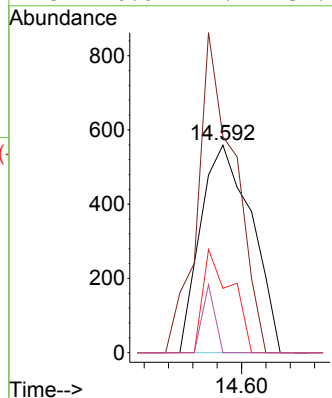
Ion Ratio Lower Upper

180 100

182 111.5 76.9 115.3

184 27.6 23.3 34.9

145 0.0 22.7 34.1#



#71

Naphthalene

Concen: 0.630 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079085.D

Acq: 30 May 2024 10:03

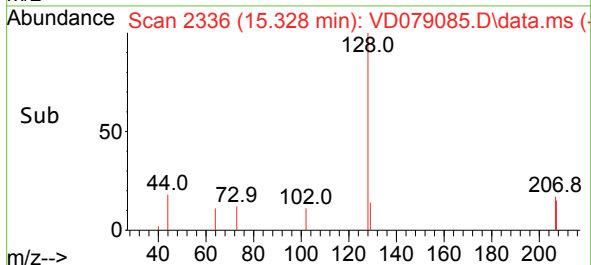
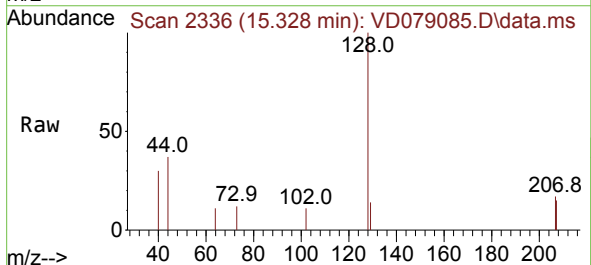
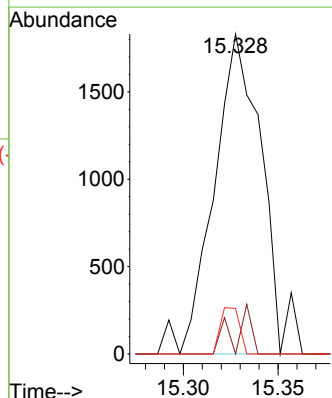
Tgt Ion:128 Resp: 3057

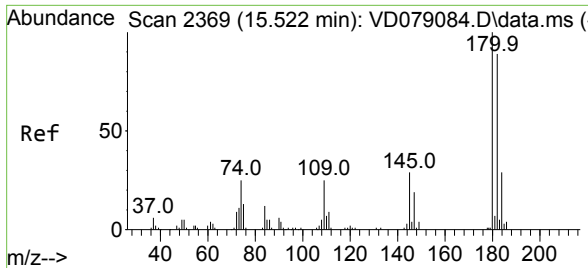
Ion Ratio Lower Upper

128 100

127 3.3 10.8 16.2#

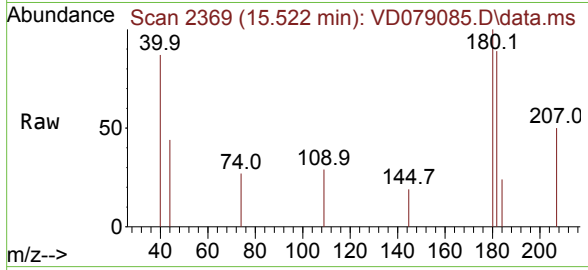
129 0.0 8.5 12.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.563 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079085.D
 Acq: 30 May 2024 10:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 1263
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.4 119.2#
 145 8.9 24.7 37.1#

