

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079864.D
 Acq On : 18 Sep 2024 15:17
 Operator : RP/MD
 Sample : P4083-13
 Misc : 5.32G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:54:59 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)

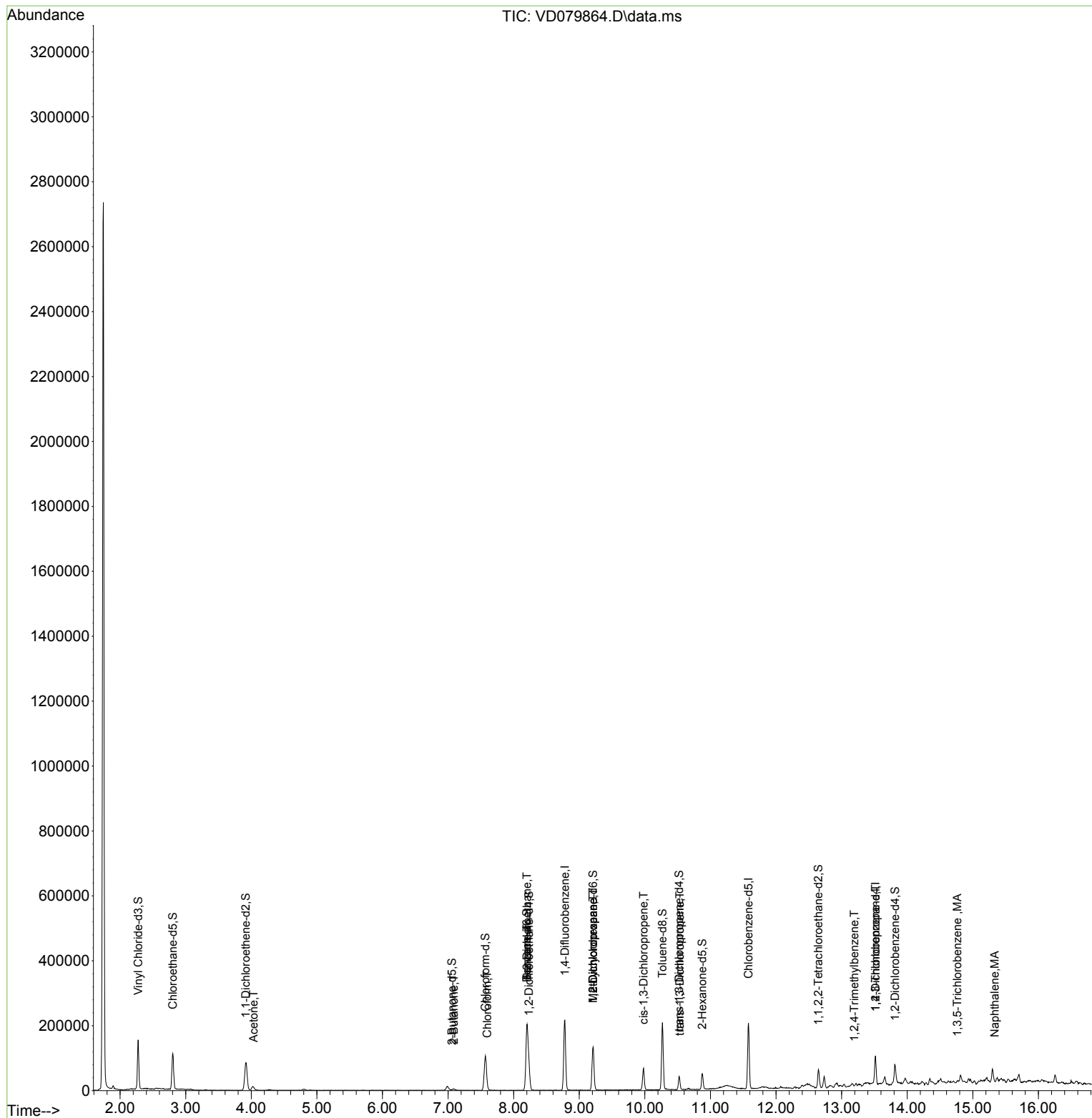
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	186662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	114543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	22239	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	136831	16.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.440%
7) Chloroethane-d5	2.805	69	116328	18.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	3.916	65	25334	17.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.760%
21) 2-Butanone-d5	7.057	46	461	0.611	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.220%#
24) Chloroform-d	7.569	84	109059	17.774	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.080%
26) 1,2-Dichloroethane-d4	8.234	65	57353	17.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.520%
32) Benzene-d6	8.198	84	213579	26.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	9.210	67	69213	27.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.800%
41) Toluene-d8	10.269	98	141013	19.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.280%
43) trans-1,3-Dichloroprop...	10.522	79	23757	22.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.875	63	16728	41.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.860%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	29203	16.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	13799	16.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.800%#
Target Compounds						Qvalue
13) Acetone	4.034	43	19025	20.692	ug/L	98
22) 2-Butanone	7.087	43	6209	5.757	ug/L	91
25) Chloroform	7.599	83	1782	0.285	ug/L	86
27) 1,2-Dichloroethane	8.204	62	1162	0.304	ug/L #	74
33) Benzene	8.204	78	1847	0.217	ug/L	100
35) Methylcyclohexane	9.210	83	15196	4.778	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	7621	3.276	ug/L #	100
39) cis-1,3-Dichloropropene	9.981	75	1688	0.517	ug/L	94
44) trans-1,3-Dichloropropene	10.534	75	1373	0.477	ug/L #	36
61) 1,2,3-Trichloropropane	13.516	75	3548	6.491	ug/L #	72
63) 1,2,4-Trimethylbenzene	13.192	105	369	0.125	ug/L	99
69) 1,3,5-Trichlorobenzene	14.763	180	180	0.187	ug/L #	1
71) Naphthalene	15.333	128	690	0.381	ug/L #	73

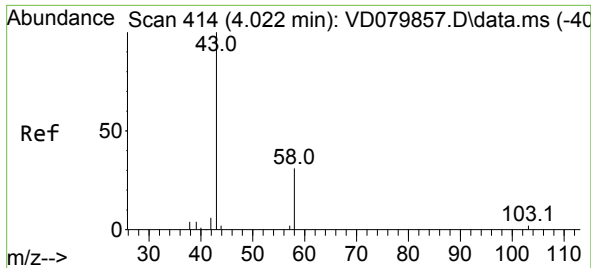
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

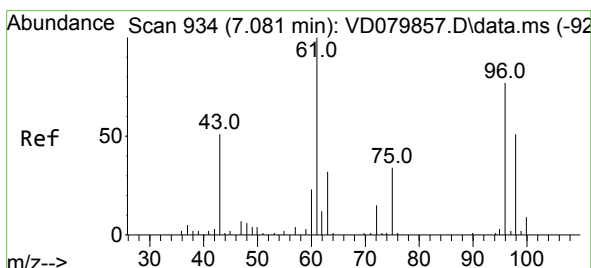
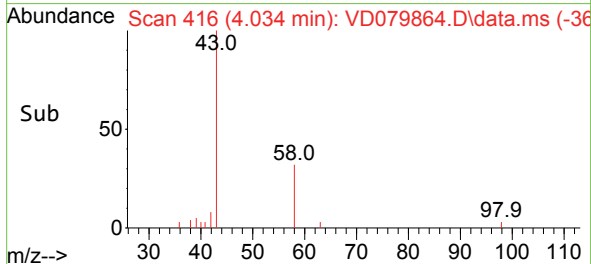
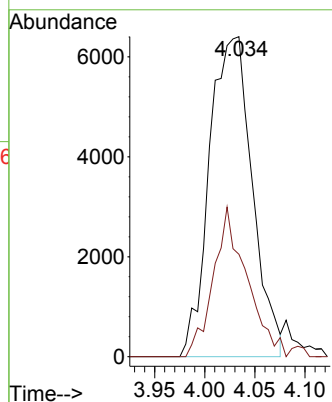
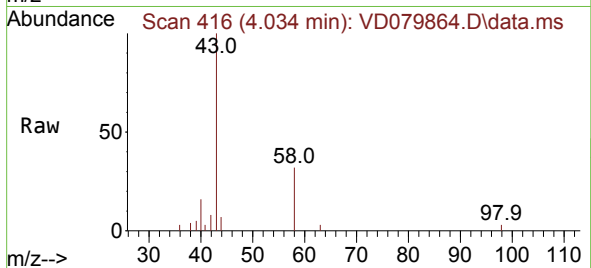




#13
Acetone
Concen: 20.692 ug/L
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

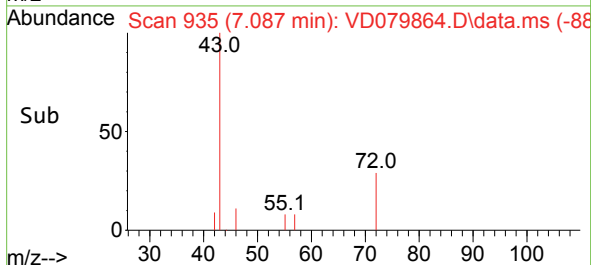
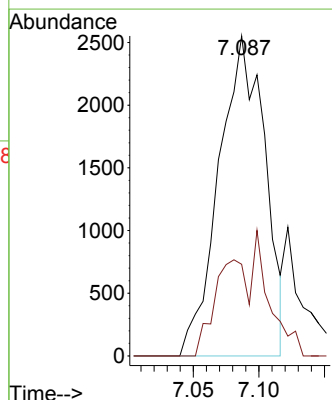
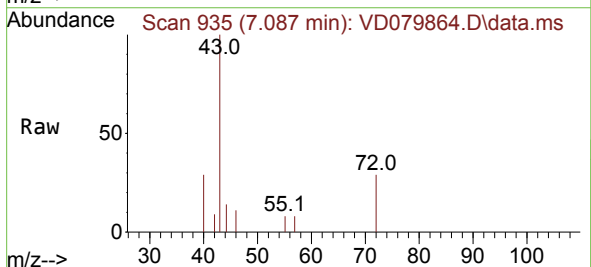
Instrument :
MSVOA_D
ClientSampleId :

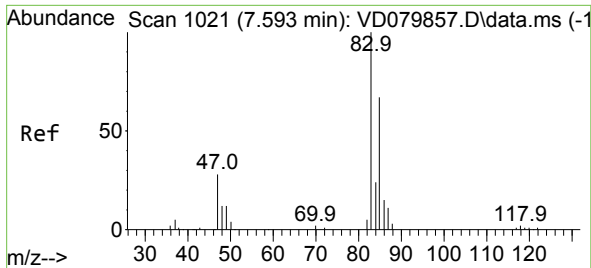
Tgt Ion: 43 Resp: 19025
Ion Ratio Lower Upper
43 100
58 36.5 0.0 75.8



#22
2-Butanone
Concen: 5.757 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

Tgt Ion: 43 Resp: 6209
Ion Ratio Lower Upper
43 100
72 21.5 13.1 39.3

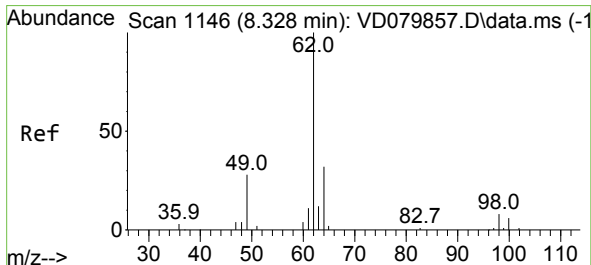
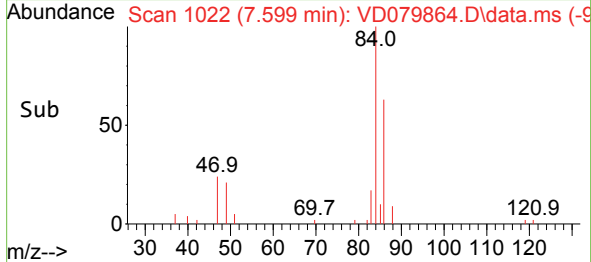
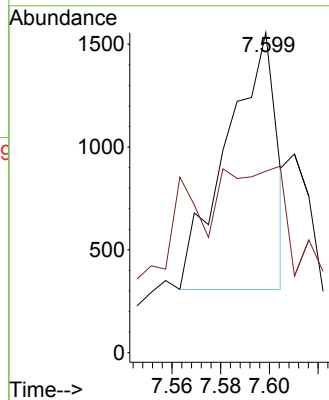
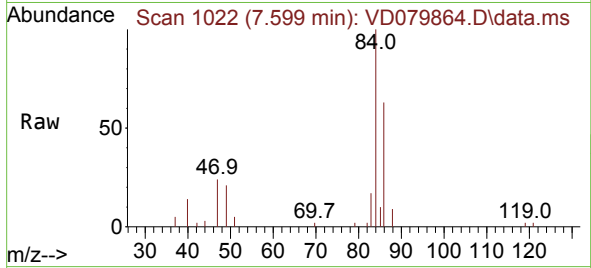




#25
Chloroform
Concen: 0.285 ug/L
RT: 7.599 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

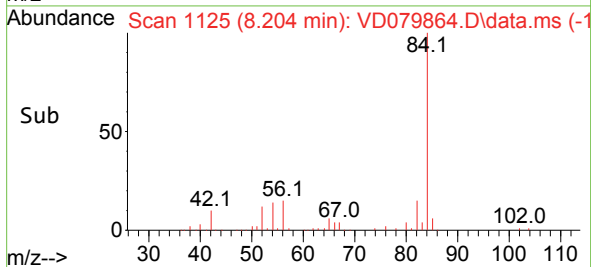
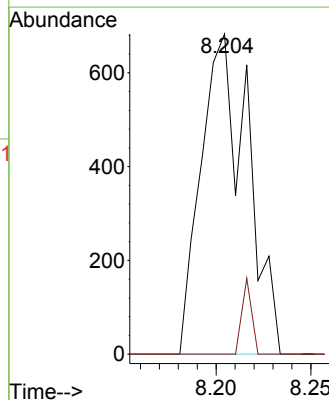
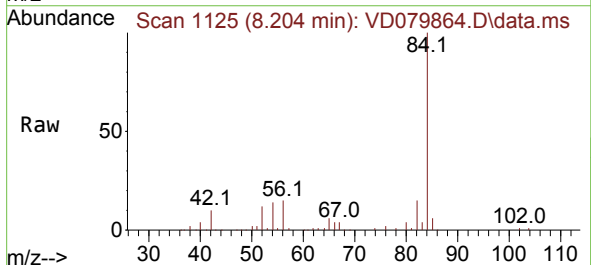
Instrument :
MSVOA_D
ClientSampleId :

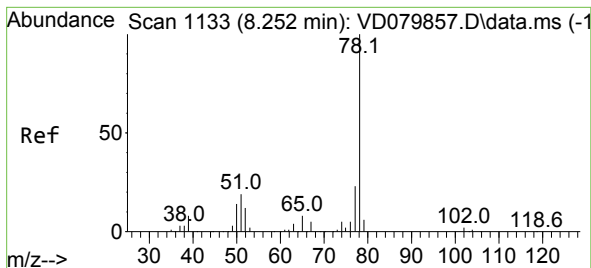
Tgt Ion: 83 Resp: 1782
Ion Ratio Lower Upper
83 100
85 56.7 47.3 87.9



#27
1,2-Dichloroethane
Concen: 0.304 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.124 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

Tgt Ion: 62 Resp: 1162
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.217 ug/L

RT: 8.204 min Scan# 1125

Delta R.T. -0.047 min

Lab File: VD079864.D

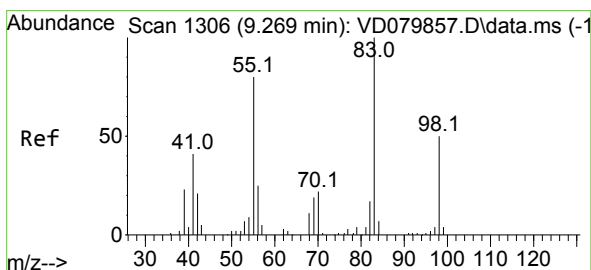
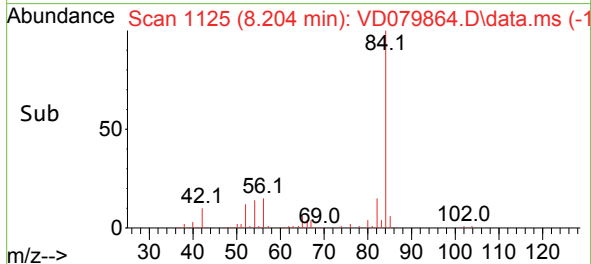
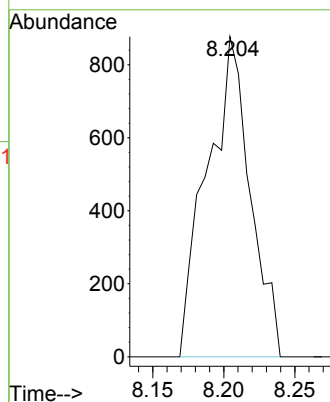
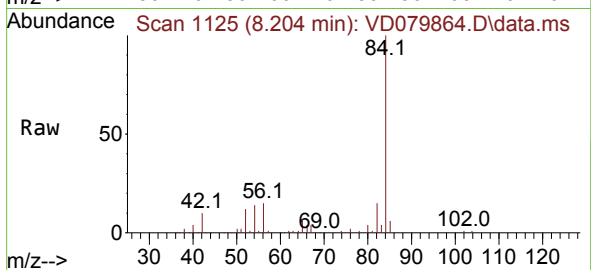
Acq: 18 Sep 2024 15:17

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 78 Resp: 1847



#35

Methylcyclohexane

Concen: 4.778 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD079864.D

Acq: 18 Sep 2024 15:17

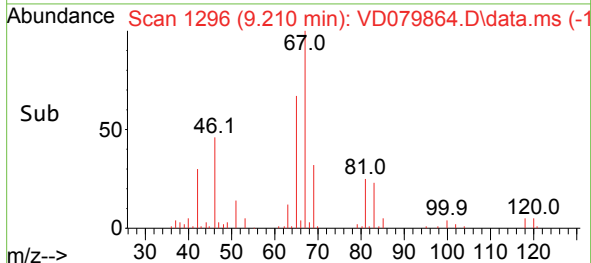
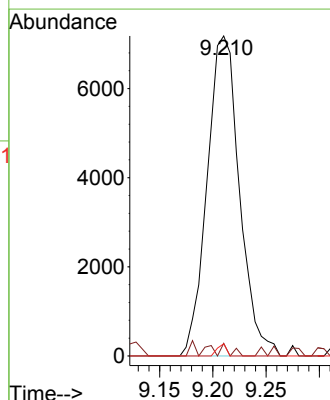
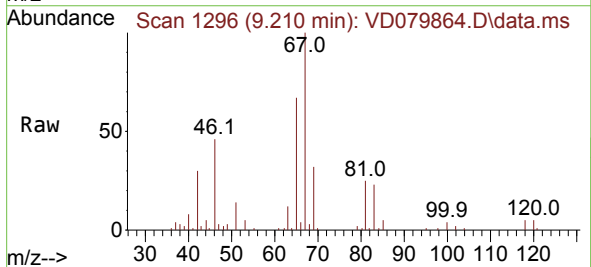
Tgt Ion: 83 Resp: 15196

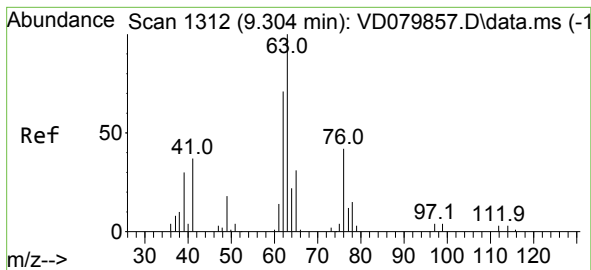
Ion Ratio Lower Upper

83 100

55 0.7 58.9 88.3#

98 1.1 38.6 58.0#

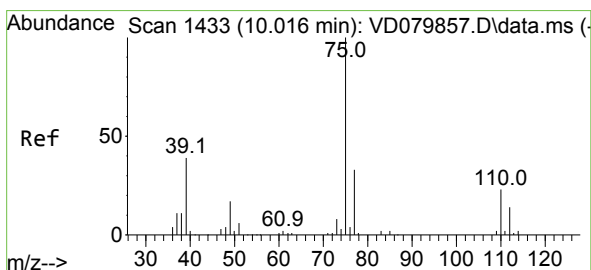
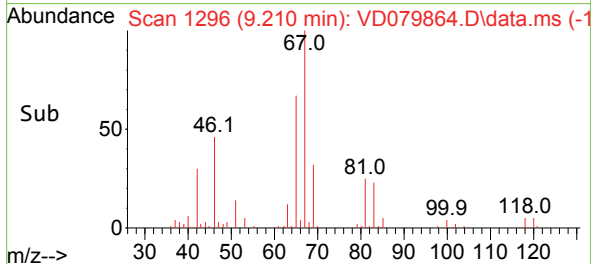
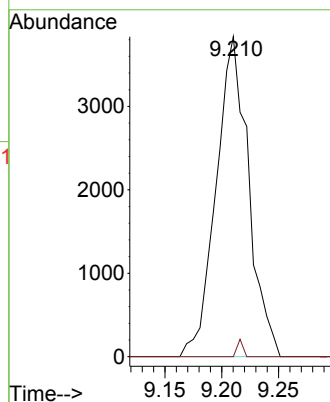
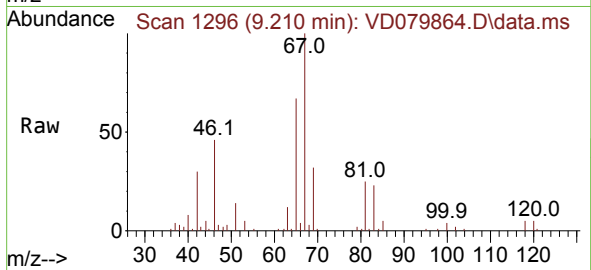




#37
1,2-Dichloropropane
Concen: 3.276 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

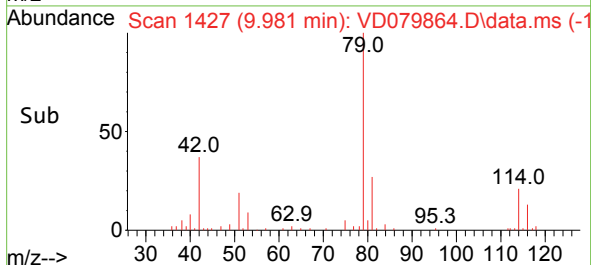
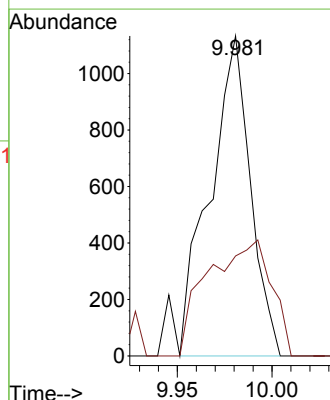
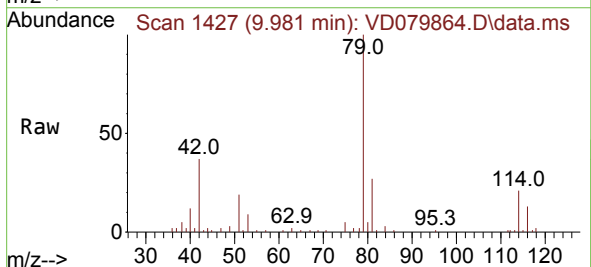
Instrument :
MSVOA_D
ClientSampleId :

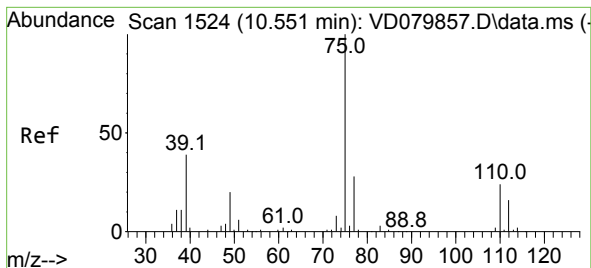
Tgt Ion: 63 Resp: 7621
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0



#39
cis-1,3-Dichloropropene
Concen: 0.517 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

Tgt Ion: 75 Resp: 1688
Ion Ratio Lower Upper
75 100
77 31.2 24.1 44.8





#44

trans-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.534 min Scan# 1

Delta R.T. -0.018 min

Lab File: VD079864.D

Acq: 18 Sep 2024 15:17

Instrument :

MSVOA_D

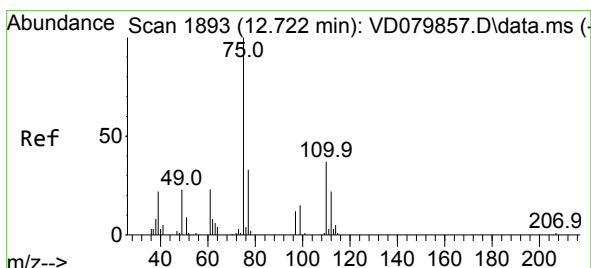
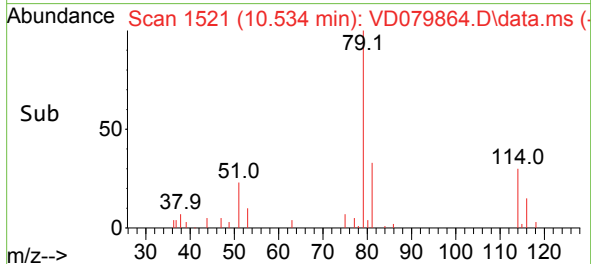
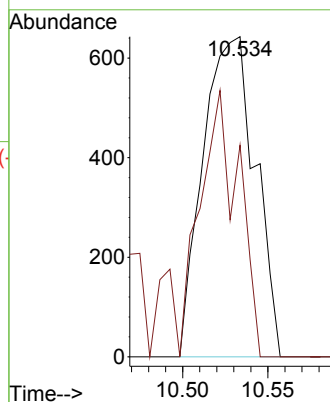
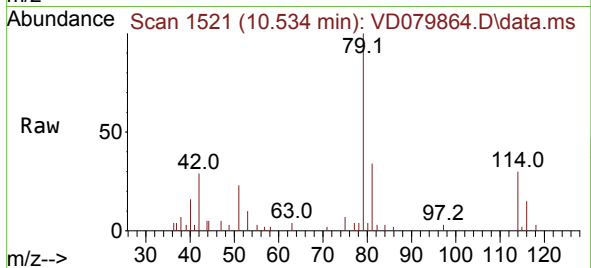
ClientSampleId :

Tgt Ion: 75 Resp: 1373

Ion Ratio Lower Upper

75 100

77 66.1 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 6.491 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079864.D

Acq: 18 Sep 2024 15:17

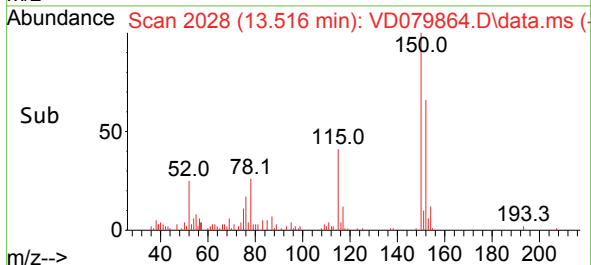
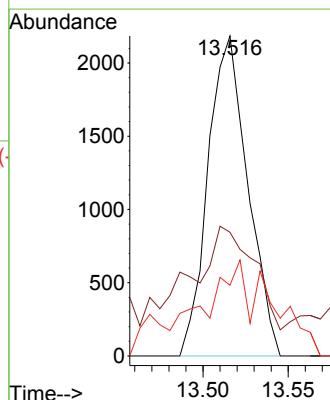
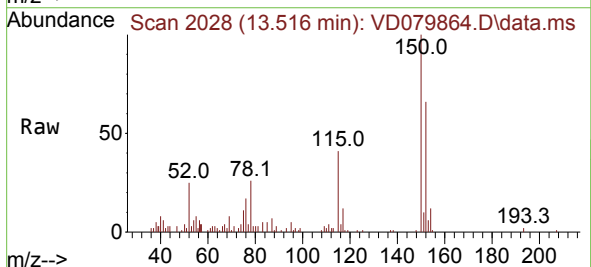
Tgt Ion: 75 Resp: 3548

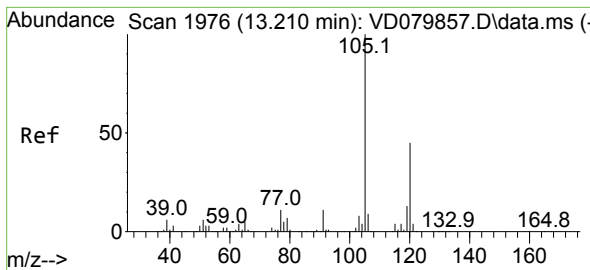
Ion Ratio Lower Upper

75 100

77 36.5 25.1 37.7

110 11.5 30.1 45.1#

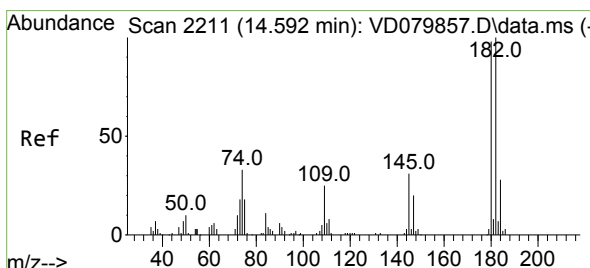
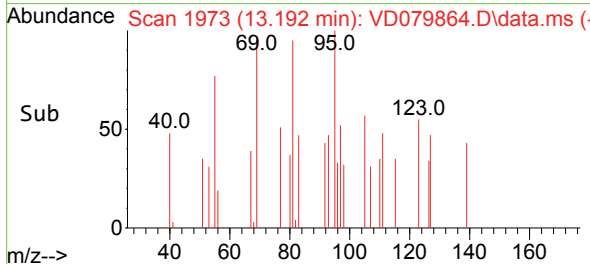
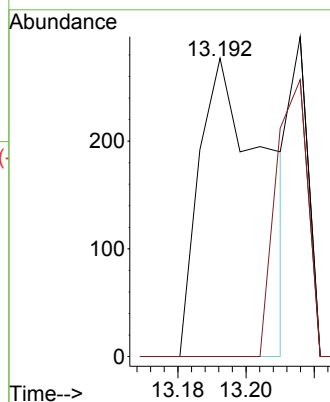
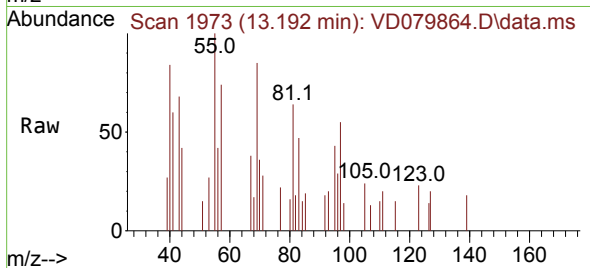




#63
1,2,4-Trimethylbenzene
Concen: 0.125 ug/L
RT: 13.192 min Scan# 1976
Delta R.T. -0.018 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

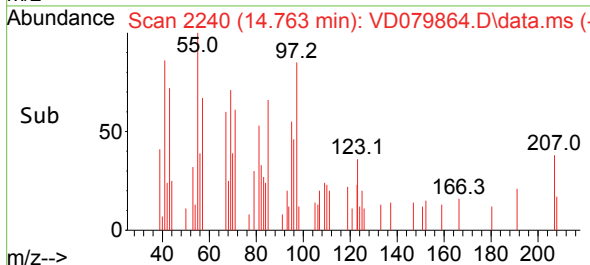
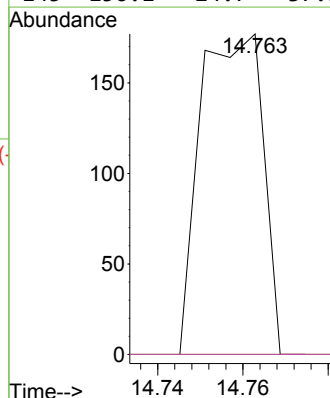
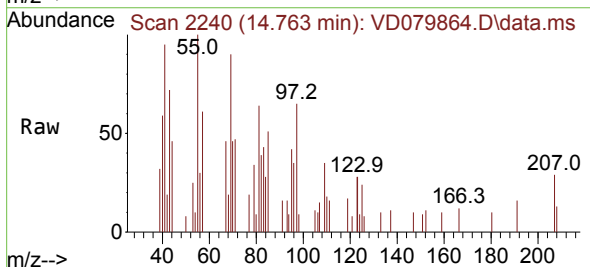
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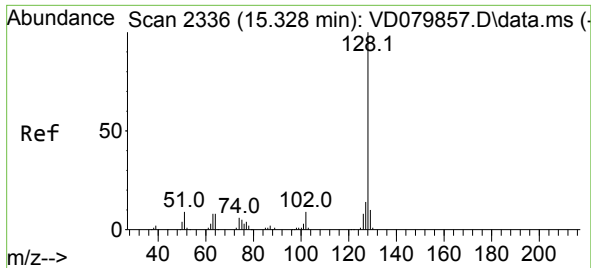
Tgt Ion:105 Resp: 369
Ion Ratio Lower Upper
105 100
120 44.7 36.3 54.5



#69
1,3,5-Trichlorobenzene
Concen: 0.187 ug/L
RT: 14.763 min Scan# 2240
Delta R.T. 0.171 min
Lab File: VD079864.D
Acq: 18 Sep 2024 15:17

Tgt Ion:180 Resp: 180
Ion Ratio Lower Upper
180 100
182 0.0 72.6 109.0#
184 0.0 24.2 36.2#
145 156.1 24.7 37.1#





#71
 Naphthalene
 Concen: 0.381 ug/L
 RT: 15.333 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079864.D
 Acq: 18 Sep 2024 15:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	24.2	11.2	16.8#
129	0.0	8.6	13.0#

