

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079216.D
 Acq On : 20 Jun 2024 14:39
 Operator : RP/MD
 Sample : P2897-21
 Misc : 5.41G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 04:14:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 04:13:10 2024
 Response via : Initial Calibration

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

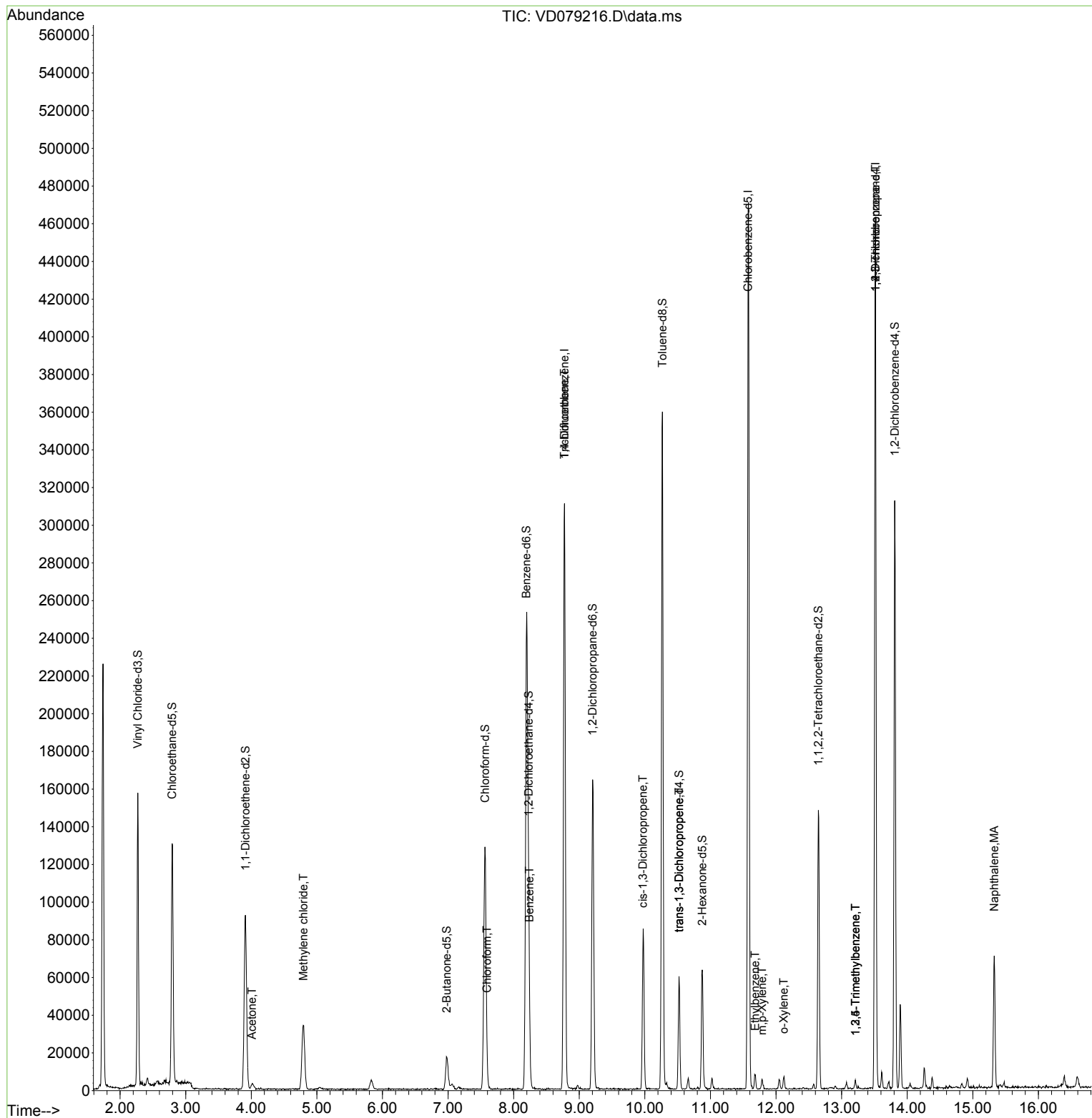
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	300348	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.575	117	302740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	132636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	142761	15.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.800%
7) Chloroethane-d5	2.793	69	140939	15.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.080%
11) 1,1-Dichloroethene-d2	3.911	65	24709	15.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.240%
21) 2-Butanone-d5	6.981	46	27422	38.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.580%
24) Chloroform-d	7.563	84	140597	16.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.960%
26) 1,2-Dichloroethane-d4	8.228	65	69819	18.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.080%
32) Benzene-d6	8.193	84	283043	16.865	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.480%
36) 1,2-Dichloropropane-d6	9.204	67	84637	17.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.040%
41) Toluene-d8	10.269	98	257956	16.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.680%
43) trans-1,3-Dichloroprop...	10.522	79	34695	17.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.280%
47) 2-Hexanone-d5	10.875	63	24166	38.667	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.340%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	76145	17.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.120%
66) 1,2-Dichlorobenzene-d4	13.810	152	93207	20.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.440%
Target Compounds						Qvalue
13) Acetone	4.011	43	3618	3.535	ug/L	61
16) Methylene chloride	4.793	84	28971	5.413	ug/L	94
25) Chloroform	7.593	83	4886	0.595	ug/L	90
33) Benzene	8.240	78	2762	0.153	ug/L	100
34) Trichloroethene	8.775	95	7979	1.718	ug/L #	1
39) cis-1,3-Dichloropropene	9.969	75	2370	0.344	ug/L #	69
44) trans-1,3-Dichloropropene	10.522	75	1827	0.313	ug/L	95
52) Ethylbenzene	11.681	91	6147	0.294	ug/L	99
53) m,p-Xylene	11.787	106	2026	0.247	ug/L	63
54) o-Xylene	12.116	106	1952	0.247	ug/L #	55
61) 1,2,3-Trichloropropane	13.516	75	14819	6.328	ug/L #	62
62) 1,3,5-Trimethylbenzene	13.210	105	2479	0.207	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	2479	0.193	ug/L	97
71) Naphthalene	15.328	128	65509	7.937	ug/L	99

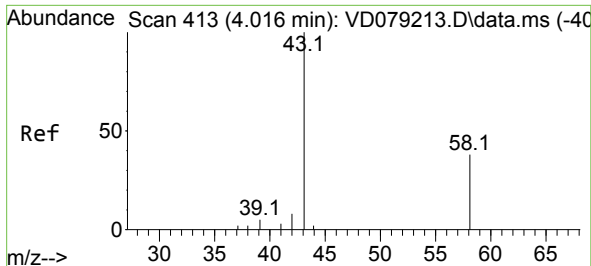
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 21 04:13:10 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.535 ug/L

RT: 4.011 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD079216.D

Acq: 20 Jun 2024 14:39

Instrument :

MSVOA_D

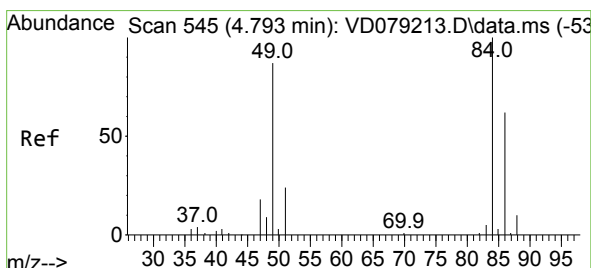
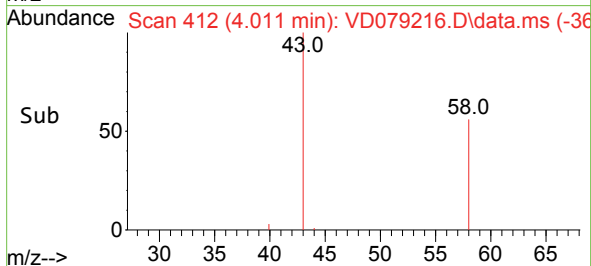
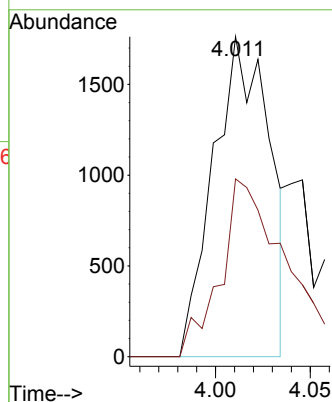
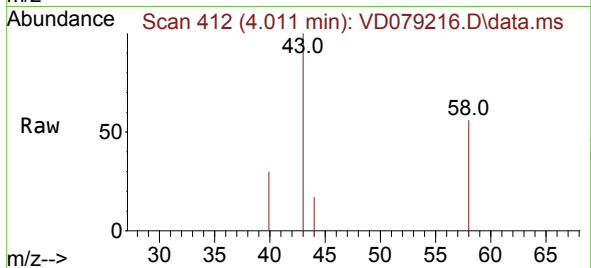
ClientSampleId :

Tgt Ion: 43 Resp: 3618

Ion Ratio Lower Upper

43 100

58 63.0 0.0 78.2



#16

Methylene chloride

Concen: 5.413 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.000 min

Lab File: VD079216.D

Acq: 20 Jun 2024 14:39

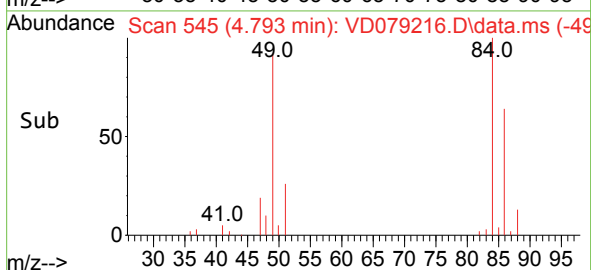
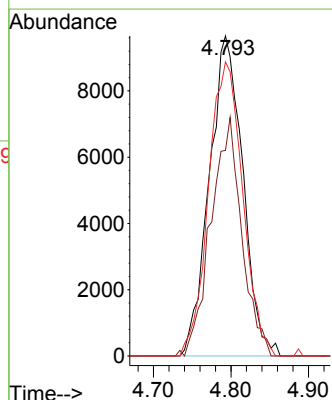
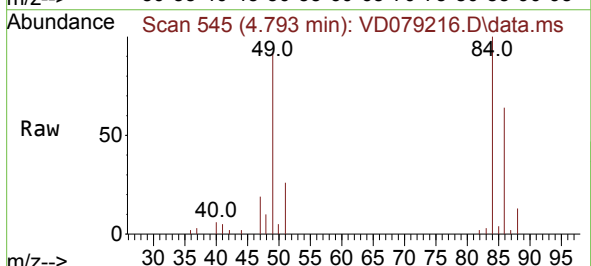
Tgt Ion: 84 Resp: 28971

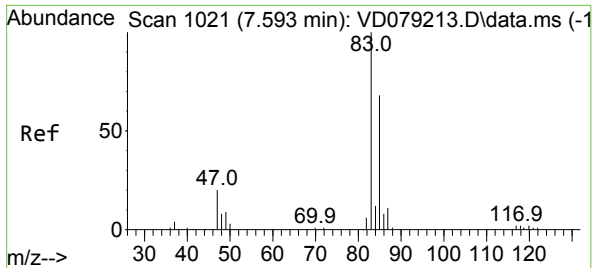
Ion Ratio Lower Upper

84 100

86 64.2 40.9 76.0

49 91.9 67.5 125.3

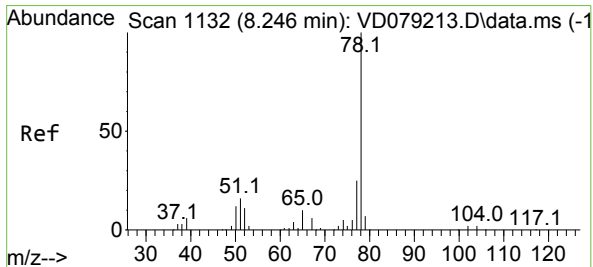
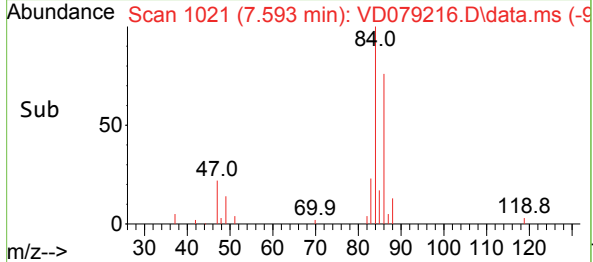
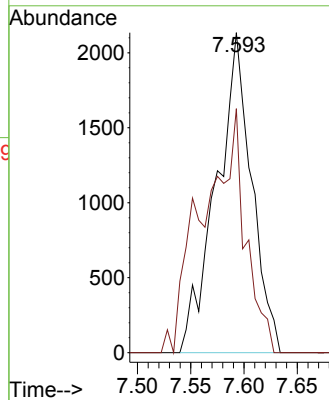
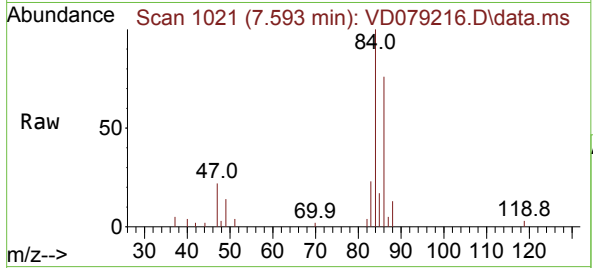




#25
Chloroform
Concen: 0.595 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

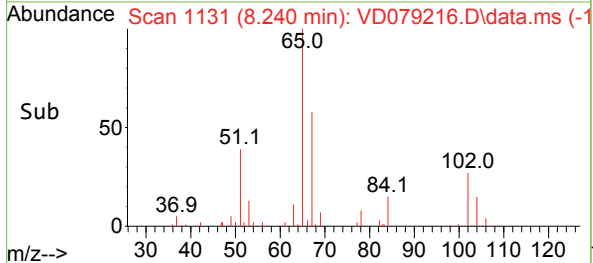
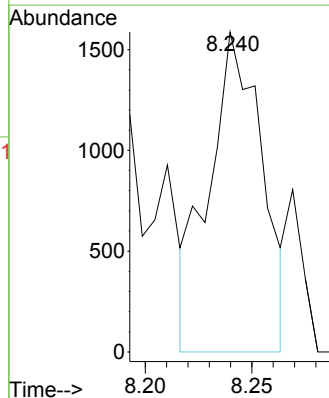
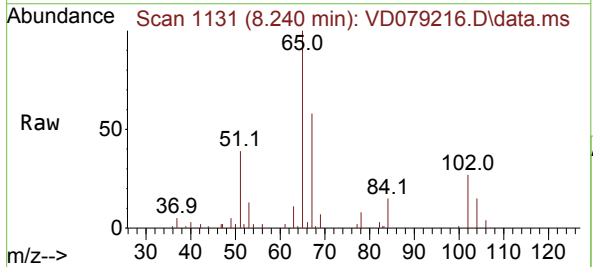
Instrument :
MSVOA_D
ClientSampleId :

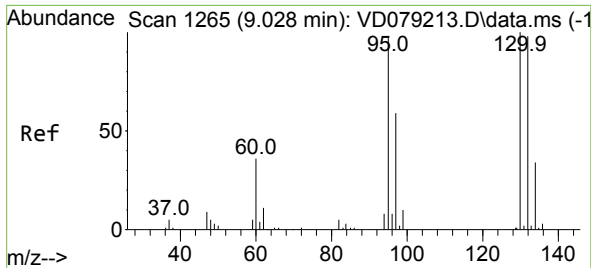
Tgt Ion: 83 Resp: 4886
Ion Ratio Lower Upper
83 100
85 76.2 47.9 89.1



#33
Benzene
Concen: 0.153 ug/L
RT: 8.240 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

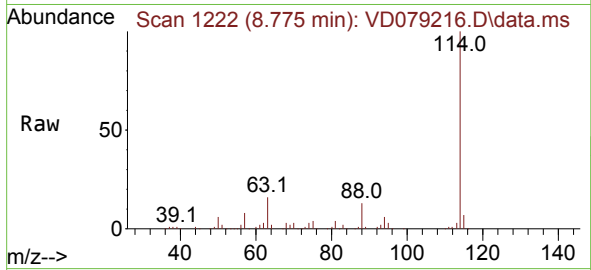
Tgt Ion: 78 Resp: 2762



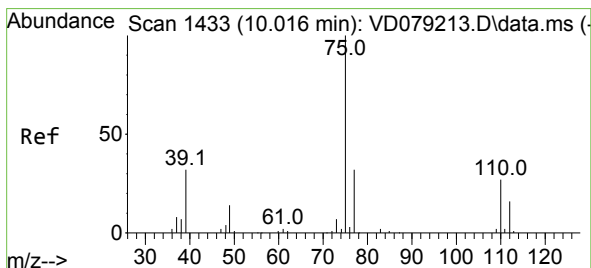
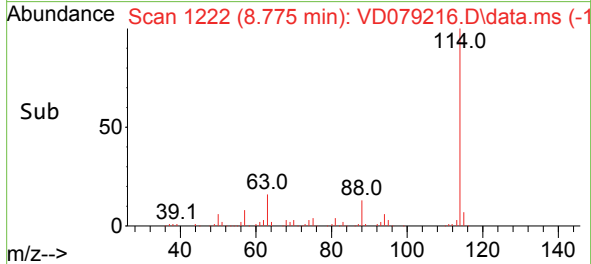
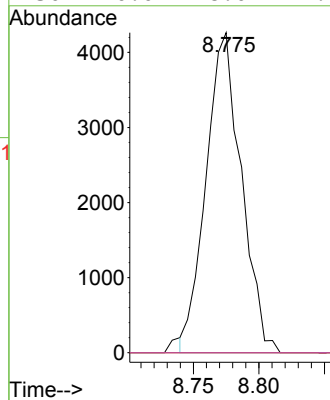


#34
Trichloroethene
Concen: 1.718 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

Instrument :
MSVOA_D
ClientSampleId :

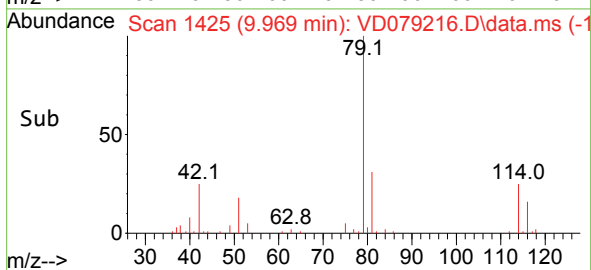
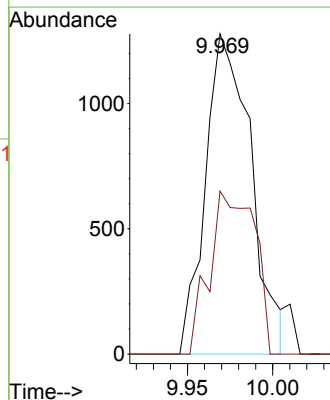
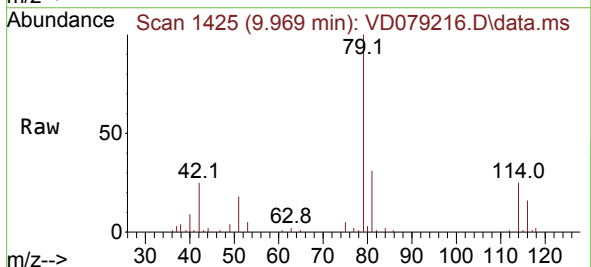


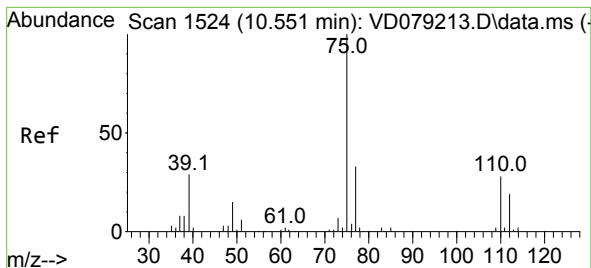
Tgt Ion: 95 Resp: 7979
Ion Ratio Lower Upper
95 100
97 0.0 44.6 82.8#
132 0.0 74.9 139.1#
130 0.0 78.0 144.8#



#39
cis-1,3-Dichloropropene
Concen: 0.344 ug/L
RT: 9.969 min Scan# 1425
Delta R.T. -0.047 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

Tgt Ion: 75 Resp: 2370
Ion Ratio Lower Upper
75 100
77 50.9 23.4 43.4#





#44

trans-1,3-Dichloropropene

Concen: 0.313 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

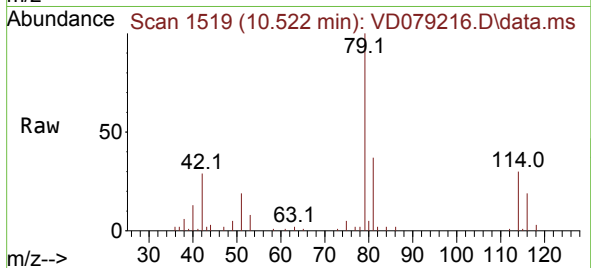
Lab File: VD079216.D

Acq: 20 Jun 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

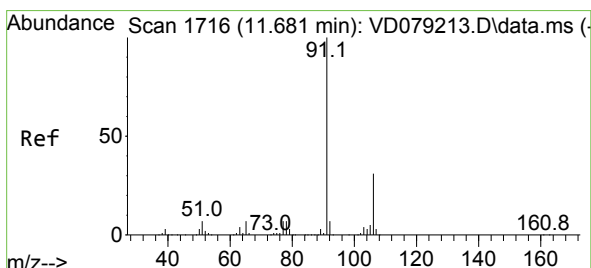
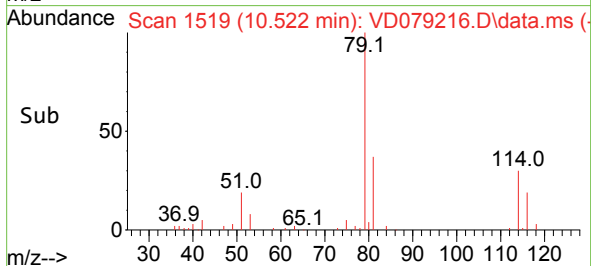
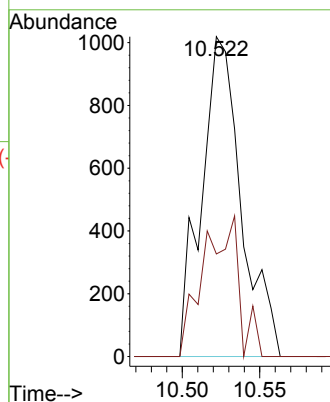


Tgt Ion: 75 Resp: 1827

Ion Ratio Lower Upper

75 100

77 32.1 24.3 45.1



#52

Ethylbenzene

Concen: 0.294 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079216.D

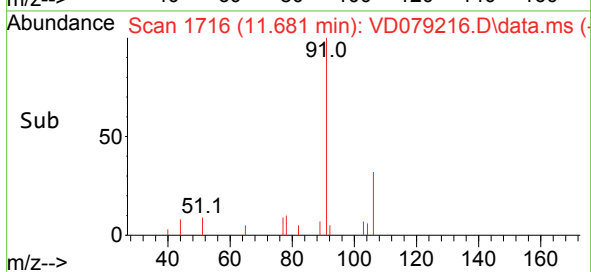
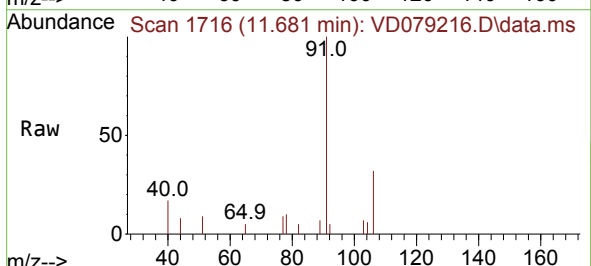
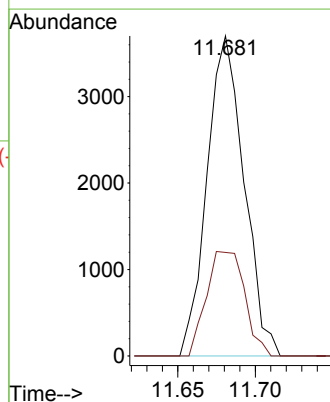
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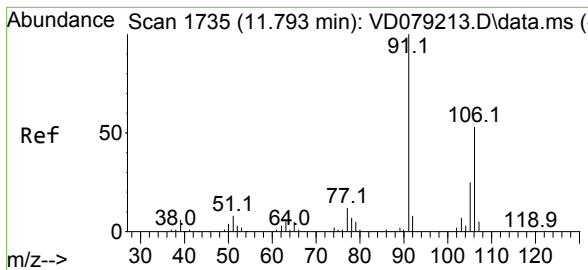
Tgt Ion: 91 Resp: 6147

Ion Ratio Lower Upper

91 100

106 32.3 22.3 41.5

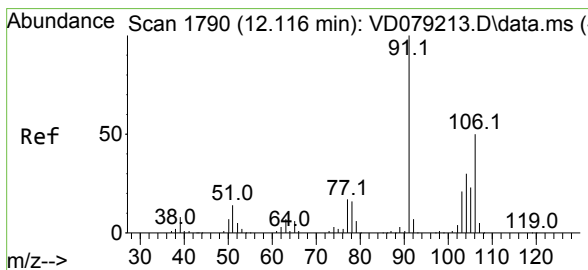
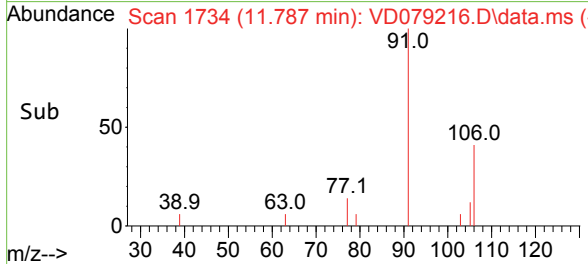
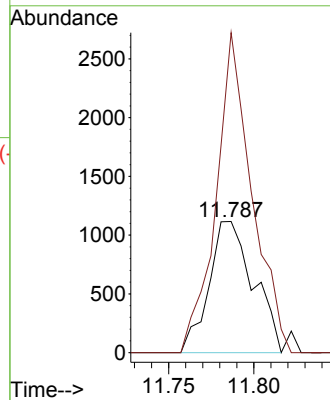
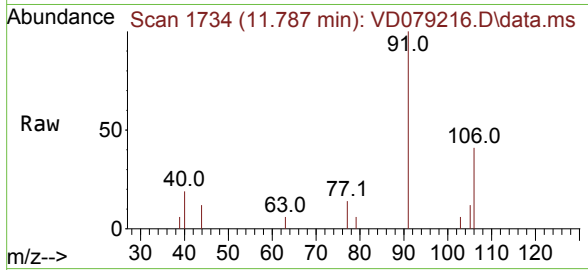




#53
m,p-Xylene
Concen: 0.247 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

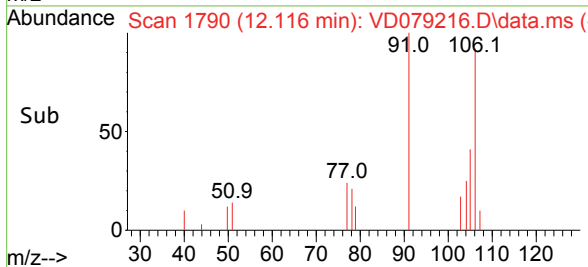
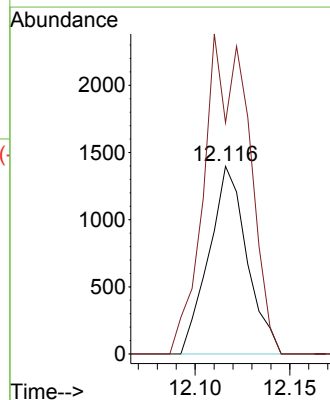
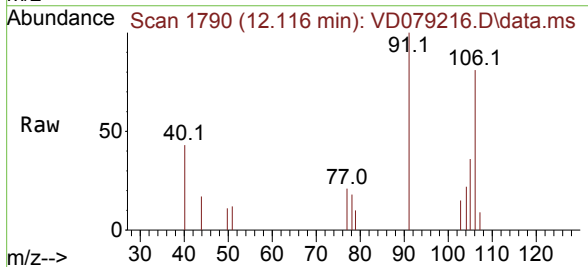
Instrument :
MSVOA_D
ClientSampleId :

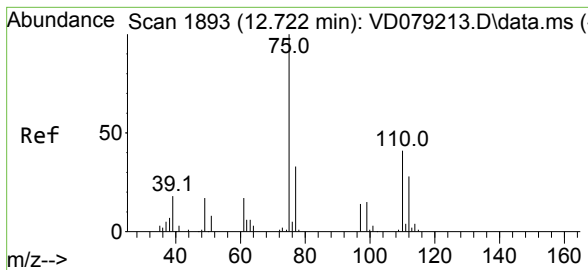
Tgt Ion:106 Resp: 2026
Ion Ratio Lower Upper
106 100
91 244.0 133.1 247.1



#54
o-Xylene
Concen: 0.247 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

Tgt Ion:106 Resp: 1952
Ion Ratio Lower Upper
106 100
91 123.2 132.9 246.9#

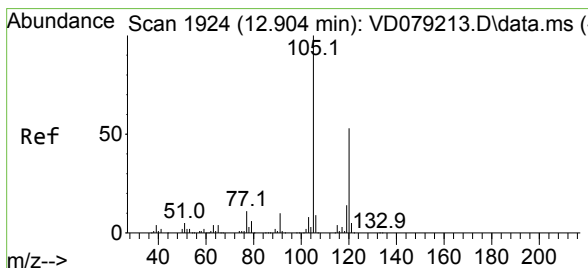
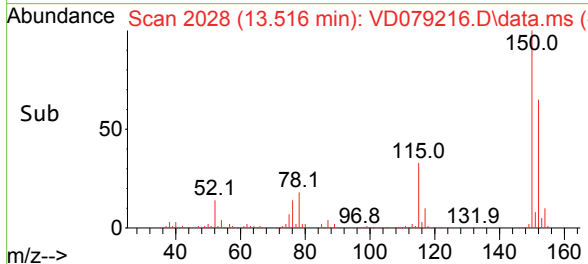
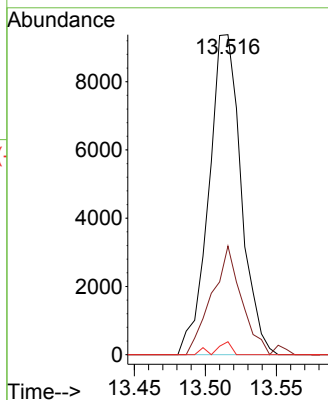
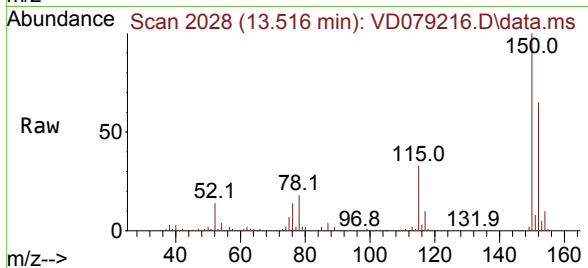




#61
 1,2,3-Trichloropropane
 Concen: 6.328 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079216.D
 Acq: 20 Jun 2024 14:39

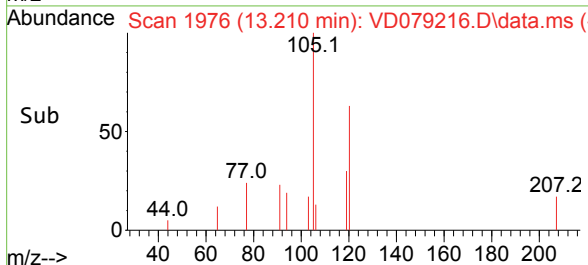
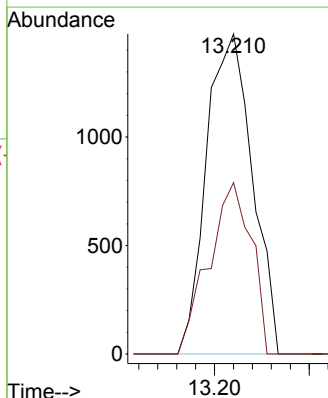
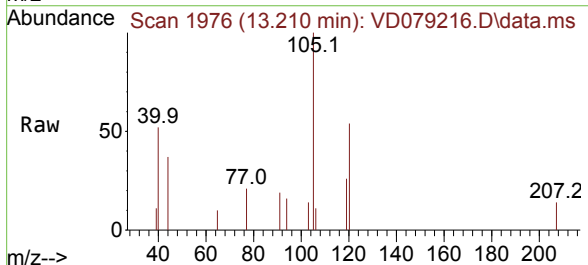
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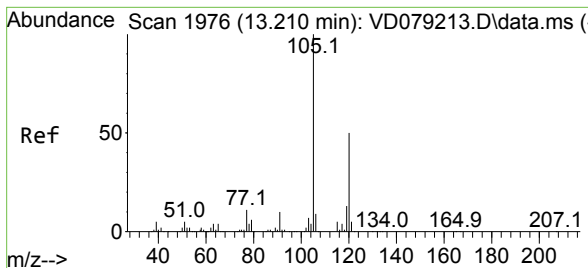
Tgt Ion: 75 Resp: 14819
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.9 38.9
 110 1.5 34.2 51.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.207 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.306 min
 Lab File: VD079216.D
 Acq: 20 Jun 2024 14:39

Tgt Ion:105 Resp: 2479
 Ion Ratio Lower Upper
 105 100
 120 49.8 40.7 61.1

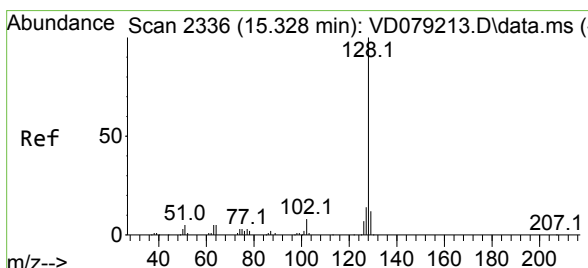
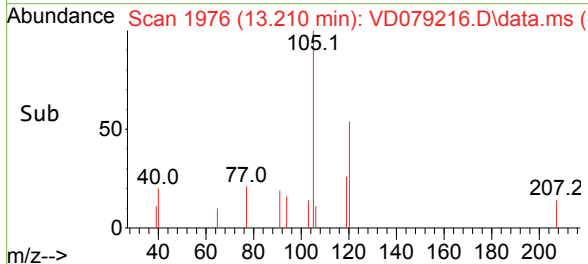
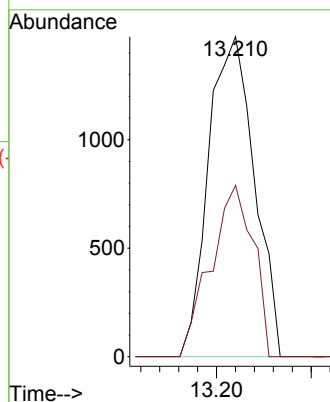
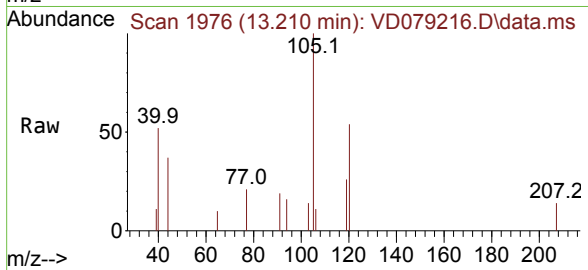




#63
1,2,4-Trimethylbenzene
Concen: 0.193 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 2479
Ion Ratio Lower Upper
105 100
120 49.8 38.0 57.0



#71
Naphthalene
Concen: 7.937 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079216.D
Acq: 20 Jun 2024 14:39

Tgt Ion:128 Resp: 65509
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.6 8.5 12.7

