

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072208.D
 Acq On : 16 Mar 2022 01:16
 Operator : VA/SY
 Sample : N1922-01
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7PH-1-7.5-8

Quant Time: Mar 16 03:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	662460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1121550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1164590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	577114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	331109	44.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.700%
35) Dibromofluoromethane	7.908	113	346550	43.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.820%
50) Toluene-d8	10.332	98	1385641	48.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.620	95	597459	53.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.560%

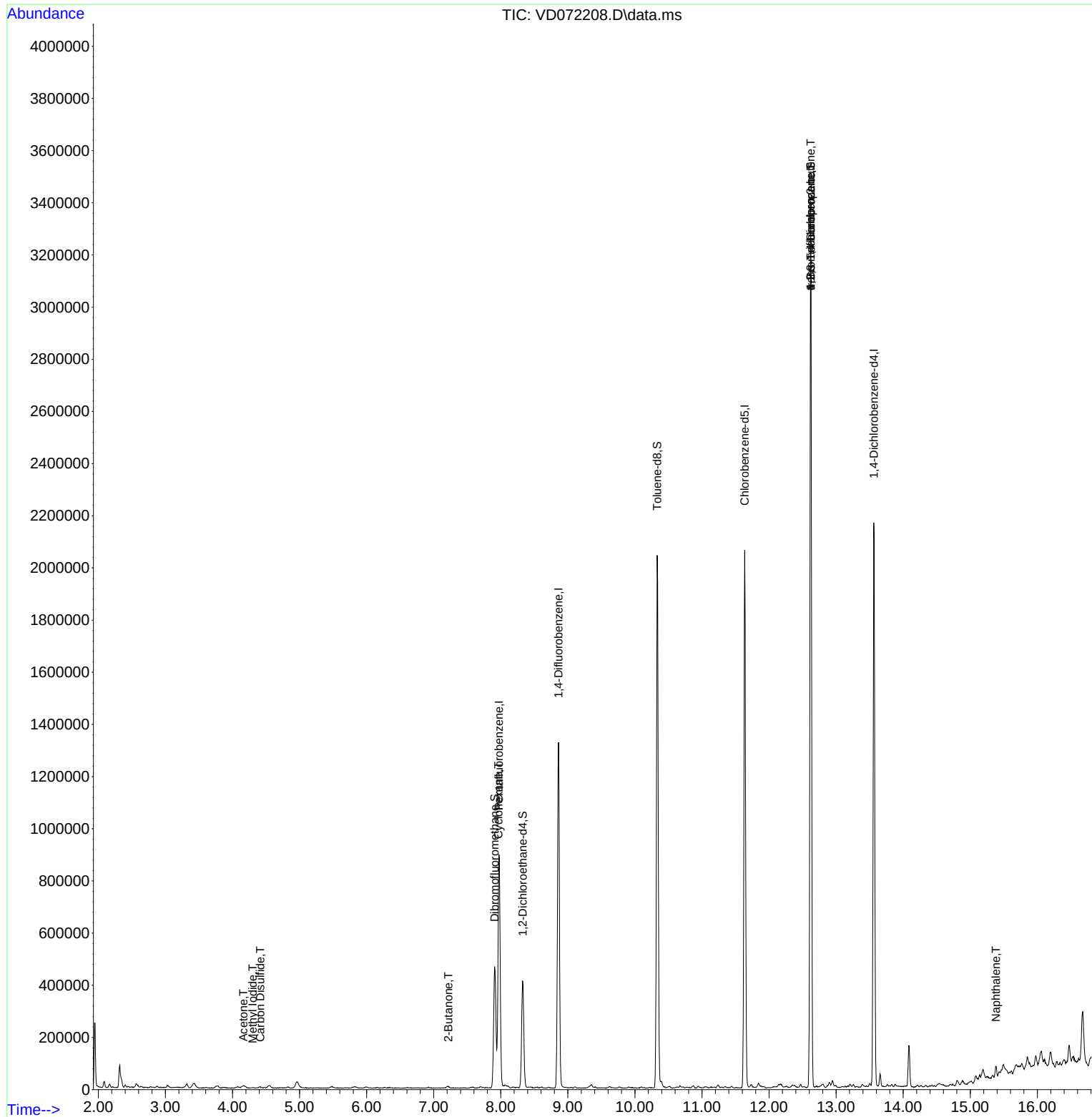
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	2274	2.547	ug/l #	89
16) Acetone	4.161	43	14273	8.904	ug/l #	82
17) Carbon Disulfide	4.414	76	8587	2.087	ug/l #	89
20) Methylene Chloride	4.956	84	18257	Below Cal	#	79
25) 2-Butanone	7.220	43	4796	2.244	ug/l #	84
31) Cyclohexane	7.967	56	17302	1.500	ug/l #	6
76) 1,2,3-Trichloropropane	12.620	75	315540	49.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	315540	122.978	ug/l #	8
95) Naphthalene	15.384	128	41675	1.941	ug/l #	96

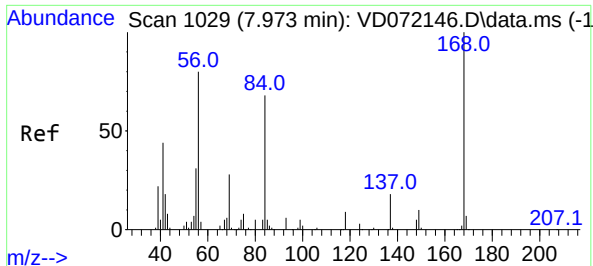
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

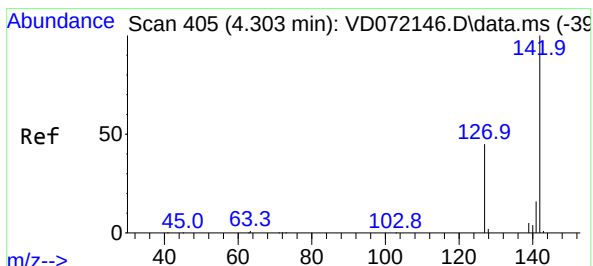
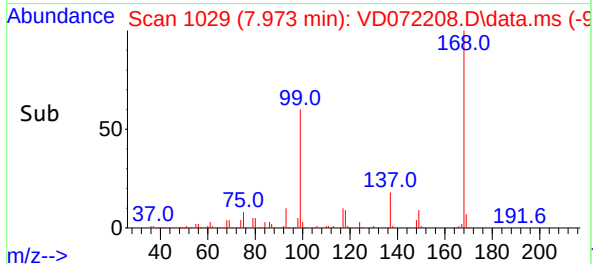
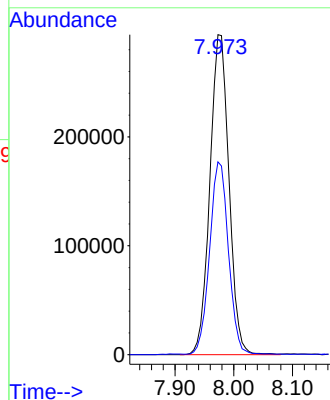
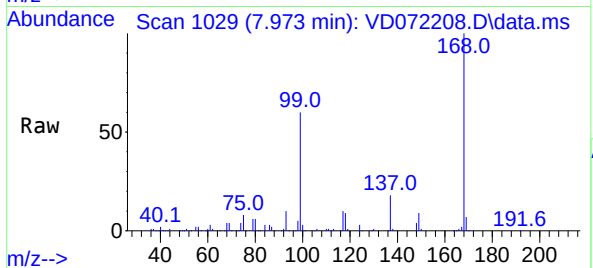




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

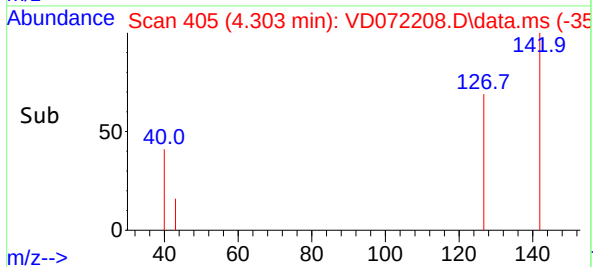
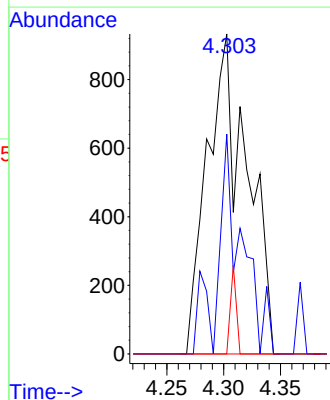
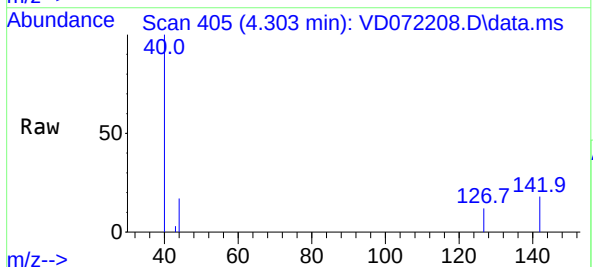
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

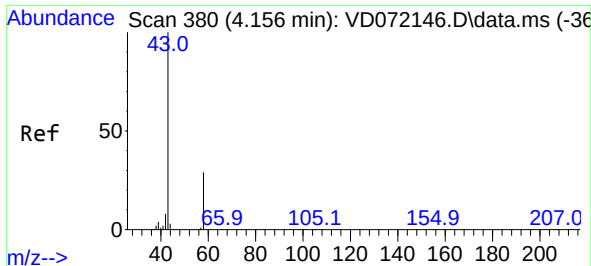
Tgt Ion:168 Resp: 662460
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#10
Methyl Iodide
Concen: 2.547 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion:142 Resp: 2274
Ion Ratio Lower Upper
142 100
127 42.6 37.3 55.9
141 4.0 11.7 17.5#

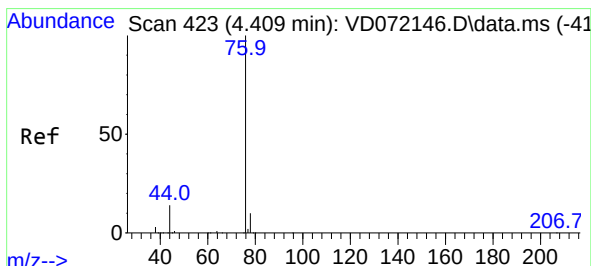
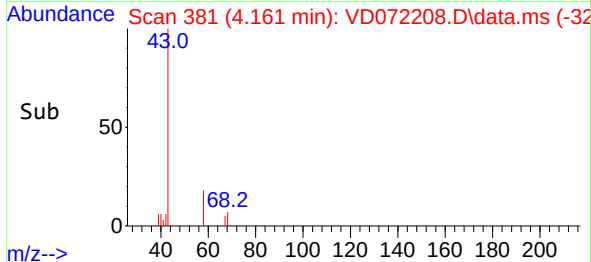
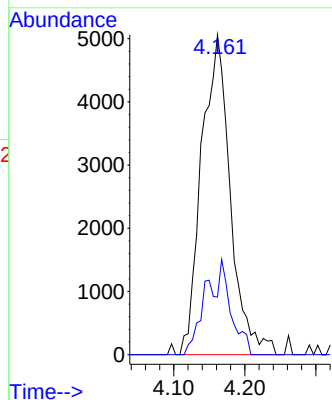
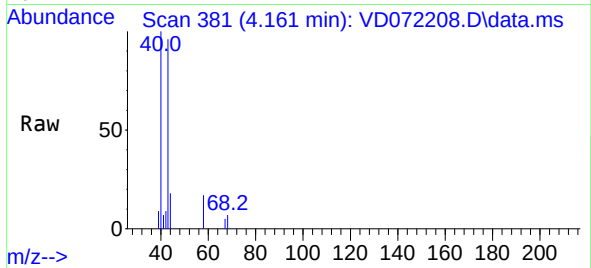




#16
Acetone
Concen: 8.904 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

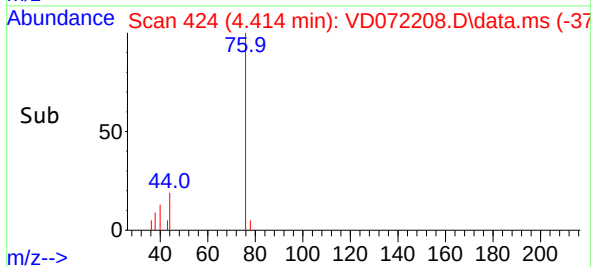
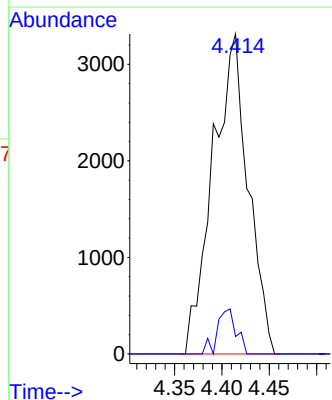
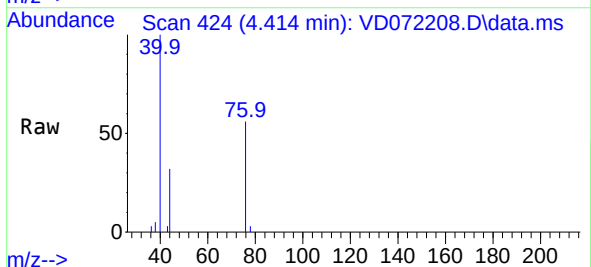
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

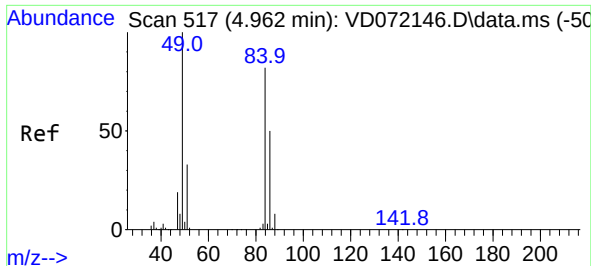
Tgt Ion: 43 Resp: 14273
Ion Ratio Lower Upper
43 100
58 18.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.087 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion: 76 Resp: 8587
Ion Ratio Lower Upper
76 100
78 5.5 7.5 11.3#



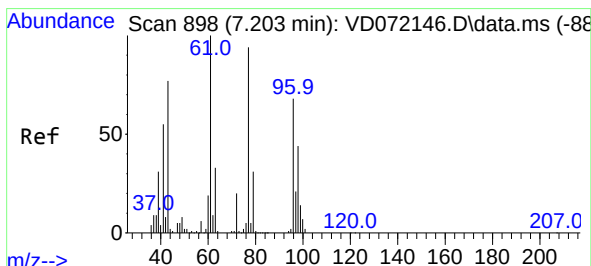
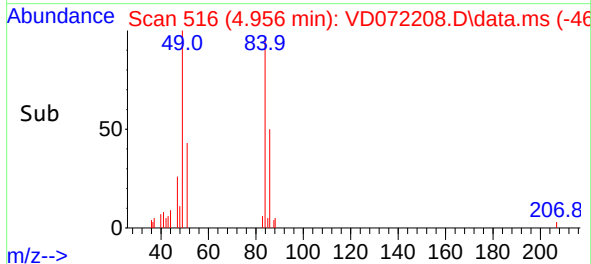
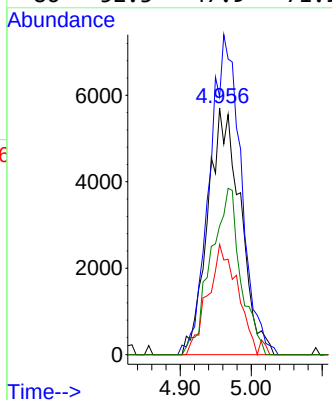
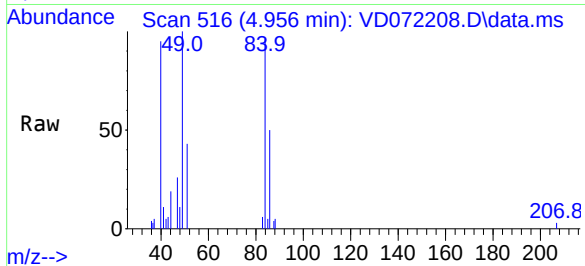


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

Tgt Ion: 84 Resp: 18257

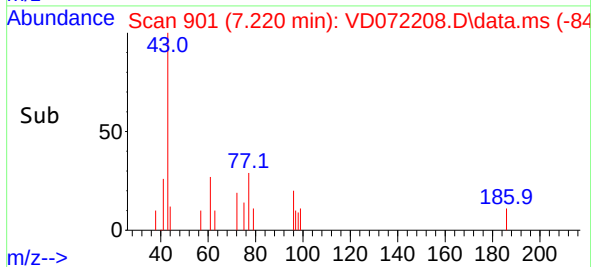
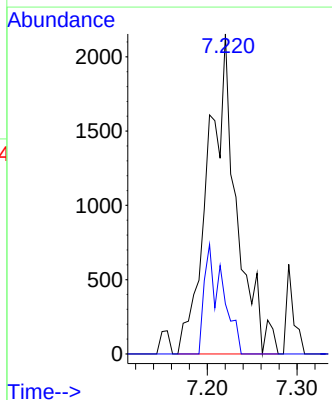
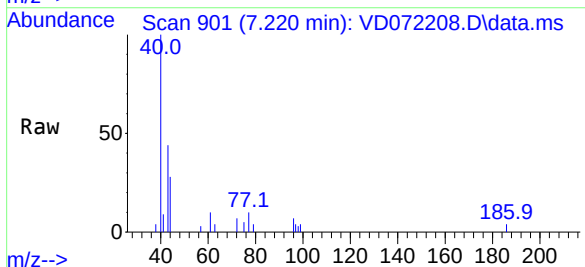
Ion	Ratio	Lower	Upper
84	100		
49	104.5	112.8	169.2#
51	44.7	32.6	48.8
86	52.3	47.9	71.9

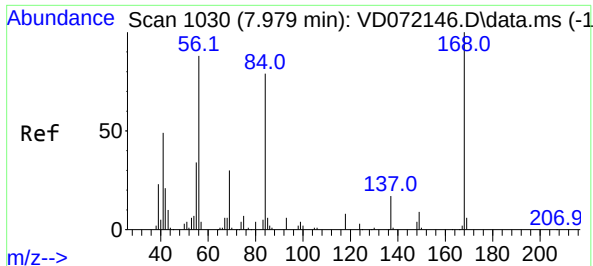


#25
2-Butanone
Concen: 2.244 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.018 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion: 43 Resp: 4796

Ion	Ratio	Lower	Upper
43	100		
72	15.6	18.6	27.8#

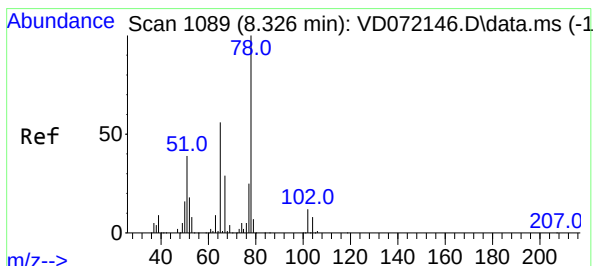
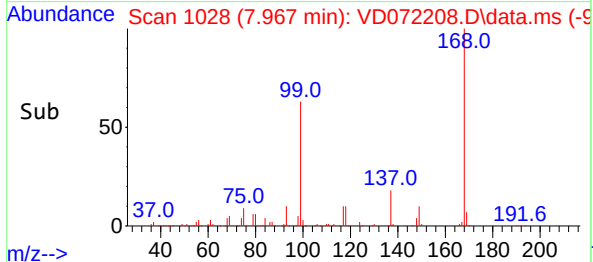
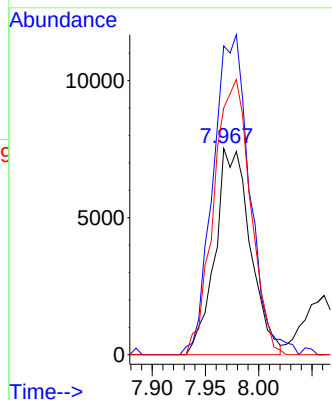
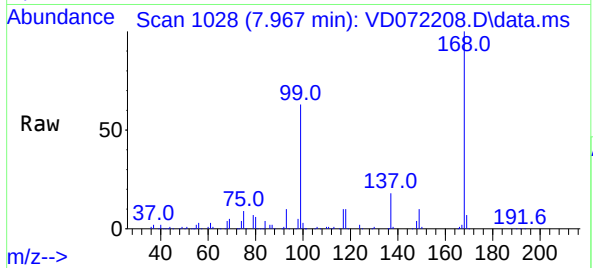




#31
Cyclohexane
Concen: 1.500 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

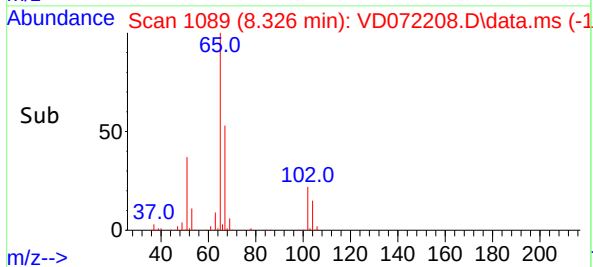
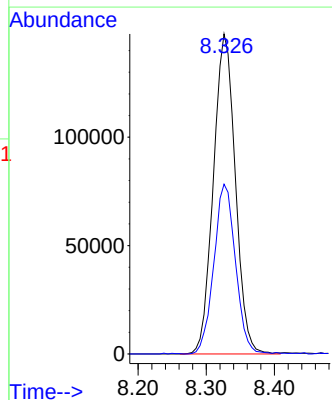
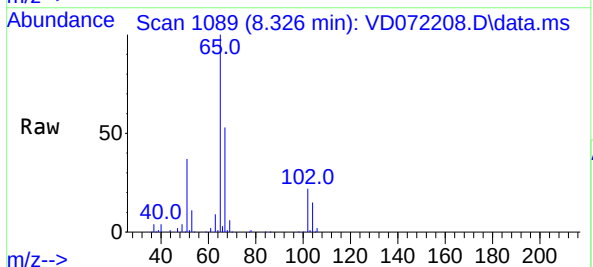
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

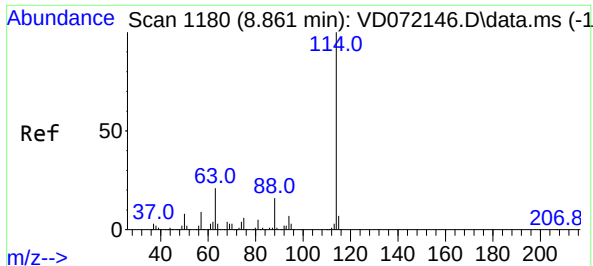
Tgt Ion: 56 Resp: 17302
Ion Ratio Lower Upper
56 100
69 149.7 25.4 38.2#
84 119.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.849 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion: 65 Resp: 331109
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072208.D

Acq: 16 Mar 2022 01:16

Instrument :

MSVOA_D

ClientSampleId :

7PH-1-7.5-8

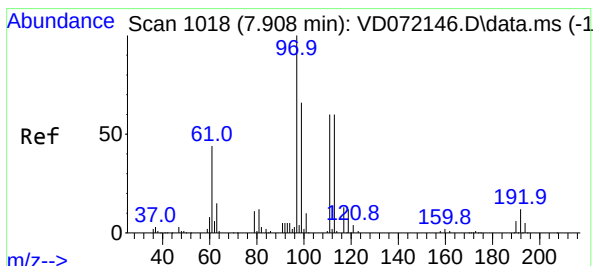
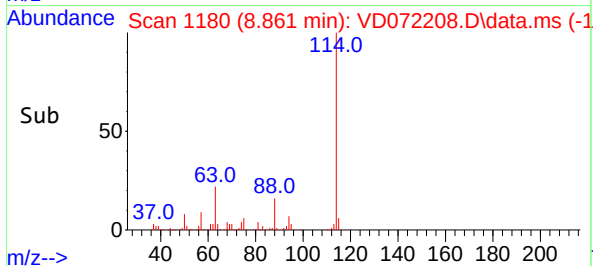
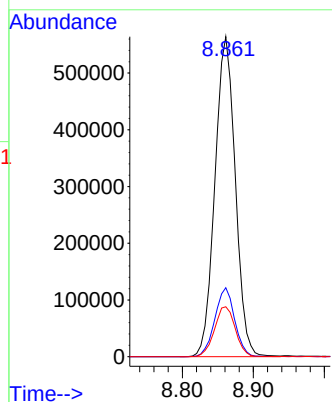
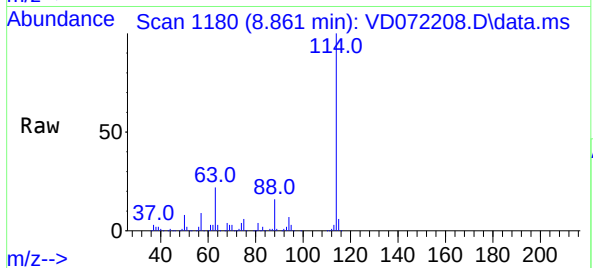
Tgt Ion:114 Resp: 1121550

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.909 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072208.D

Acq: 16 Mar 2022 01:16

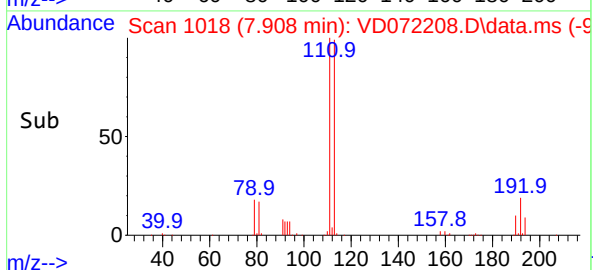
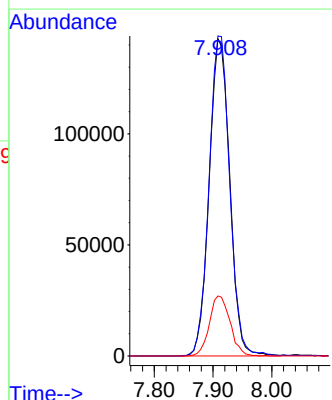
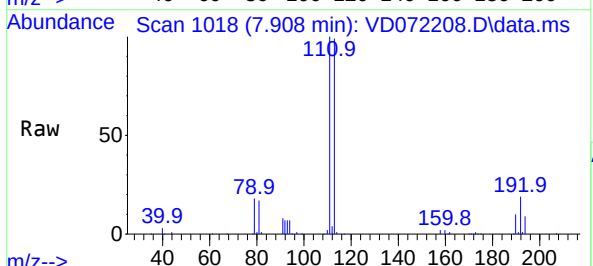
Tgt Ion:113 Resp: 346550

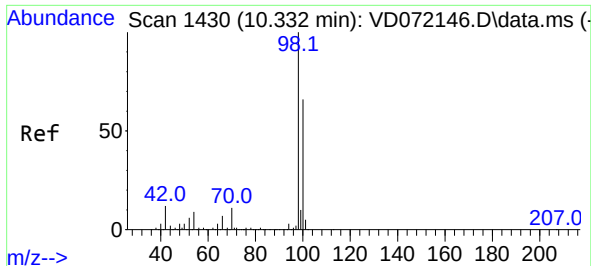
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.0 14.6 21.8

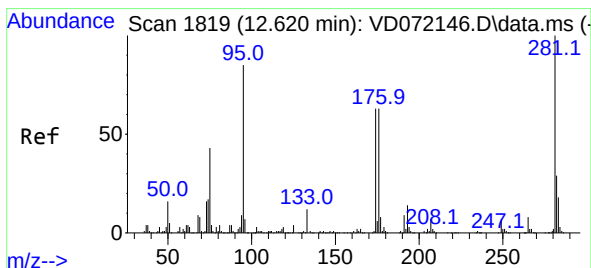
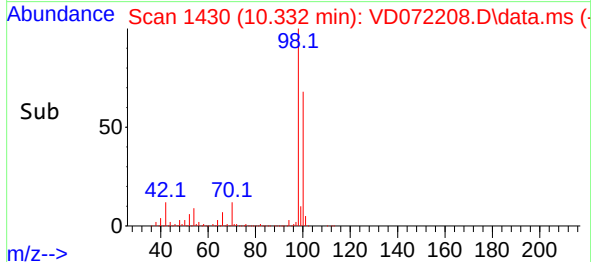
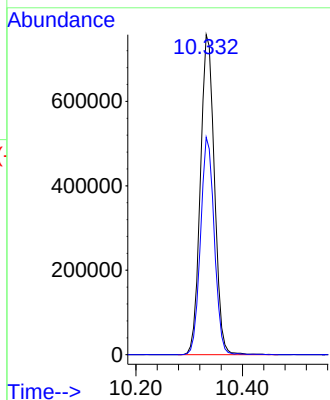
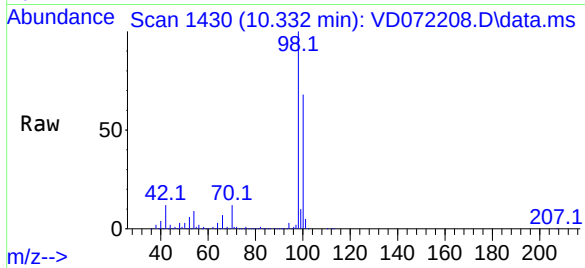




#50
Toluene-d8
Concen: 48.015 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

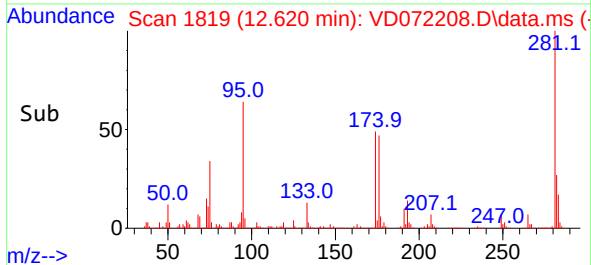
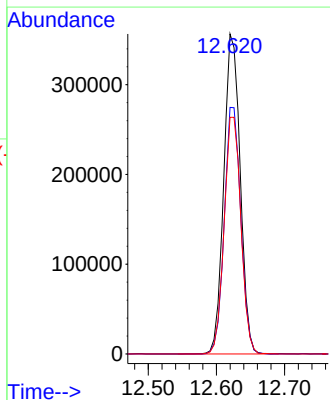
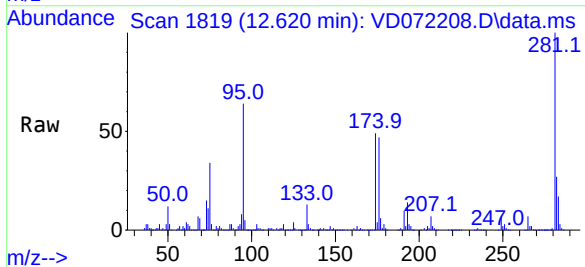
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7PH-1-7.5-8

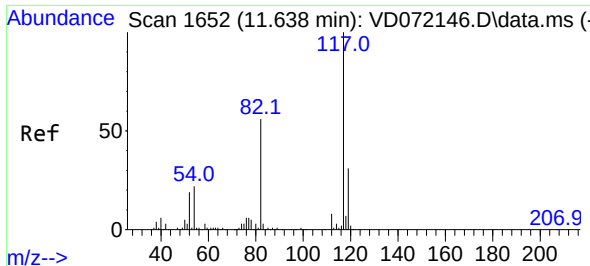
Tgt Ion: 98 Resp: 1385641
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.282 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

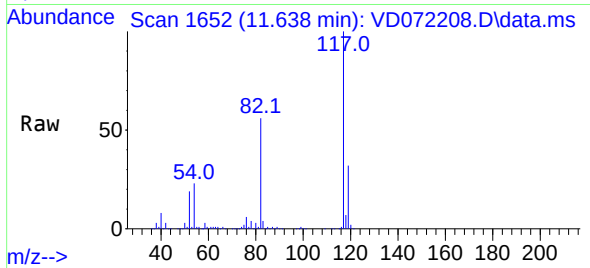
Tgt Ion: 95 Resp: 597459
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 75.6 0.0 145.4





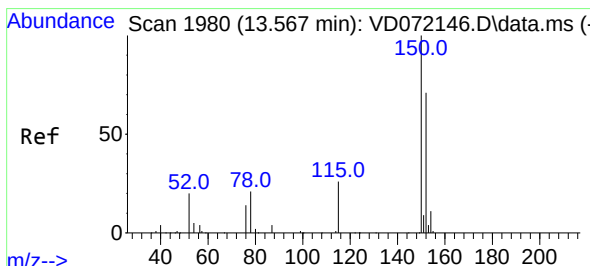
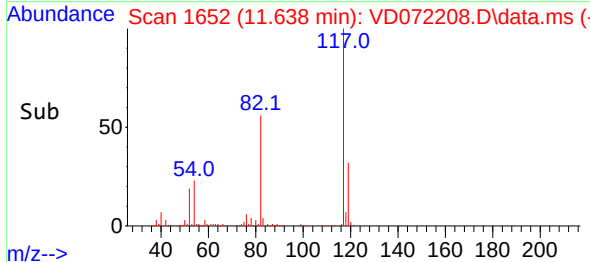
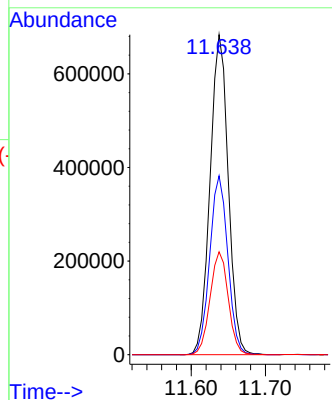
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8



Tgt Ion:117 Resp: 1164590

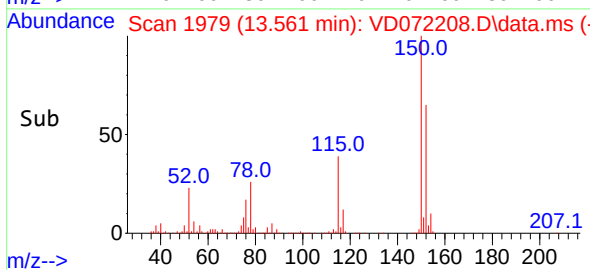
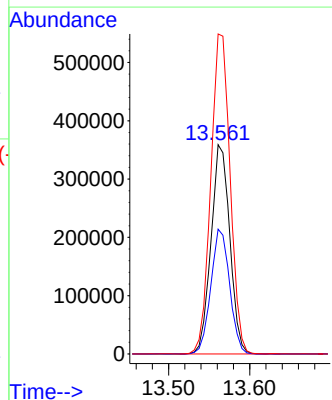
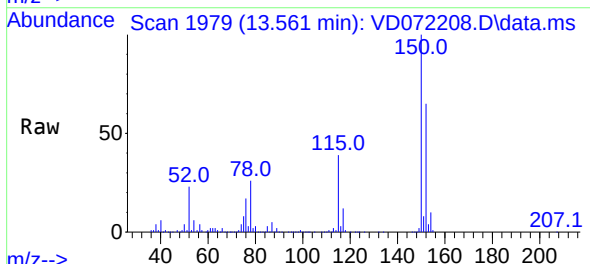
Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.3	67.9
119	32.2	26.6	40.0

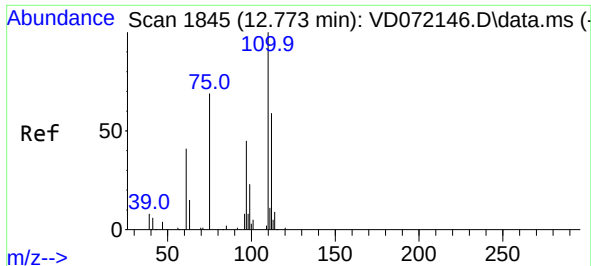


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion:152 Resp: 577114

Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.3	93.8
150	157.2	0.0	348.6

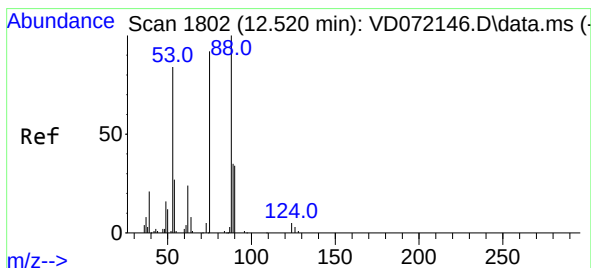
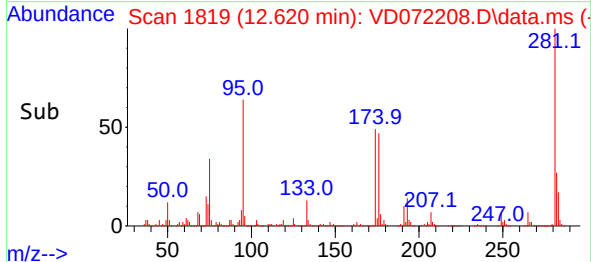
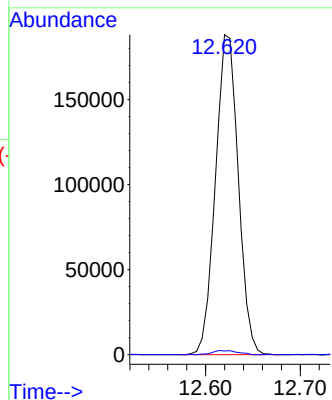
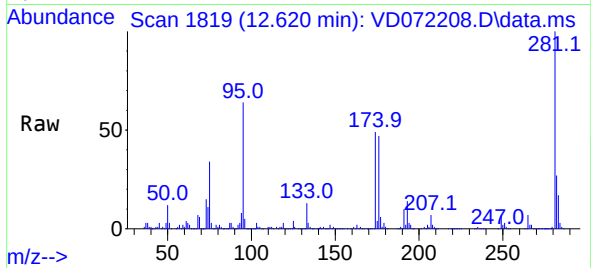




#76
1,2,3-Trichloropropane
Concen: 49.566 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

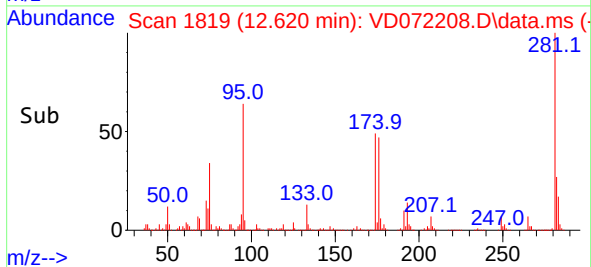
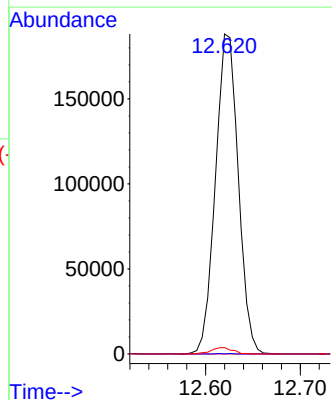
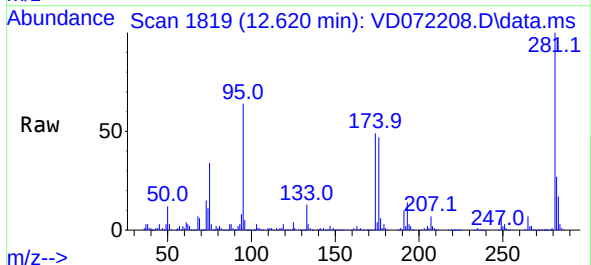
Instrument :
MSVOA_D
ClientSampleId :
7PH-1-7.5-8

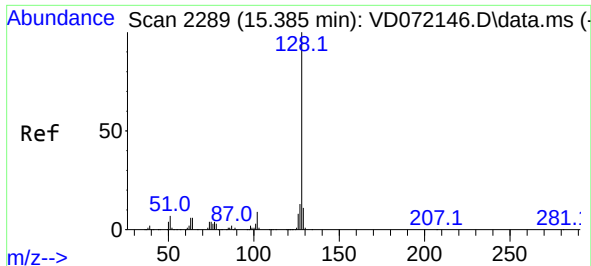
Tgt Ion: 75 Resp: 315540
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.978 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072208.D
Acq: 16 Mar 2022 01:16

Tgt Ion: 75 Resp: 315540
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.9 33.9 50.9#





#95

Naphthalene

Concen: 1.941 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072208.D

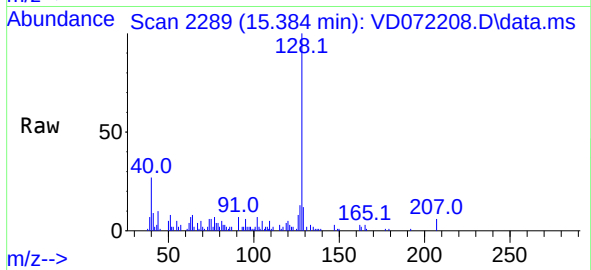
Acq: 16 Mar 2022 01:16

Instrument :

MSVOA_D

ClientSampleId :

7PH-1-7.5-8



Tgt Ion:128 Resp: 41675

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 12.7 8.4 12.6#

