

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020486.D
 Acq On : 02 Dec 2024 15:34
 Operator : SY/MD
 Sample : P5046-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-11272024

Quant Time: Dec 02 21:57:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

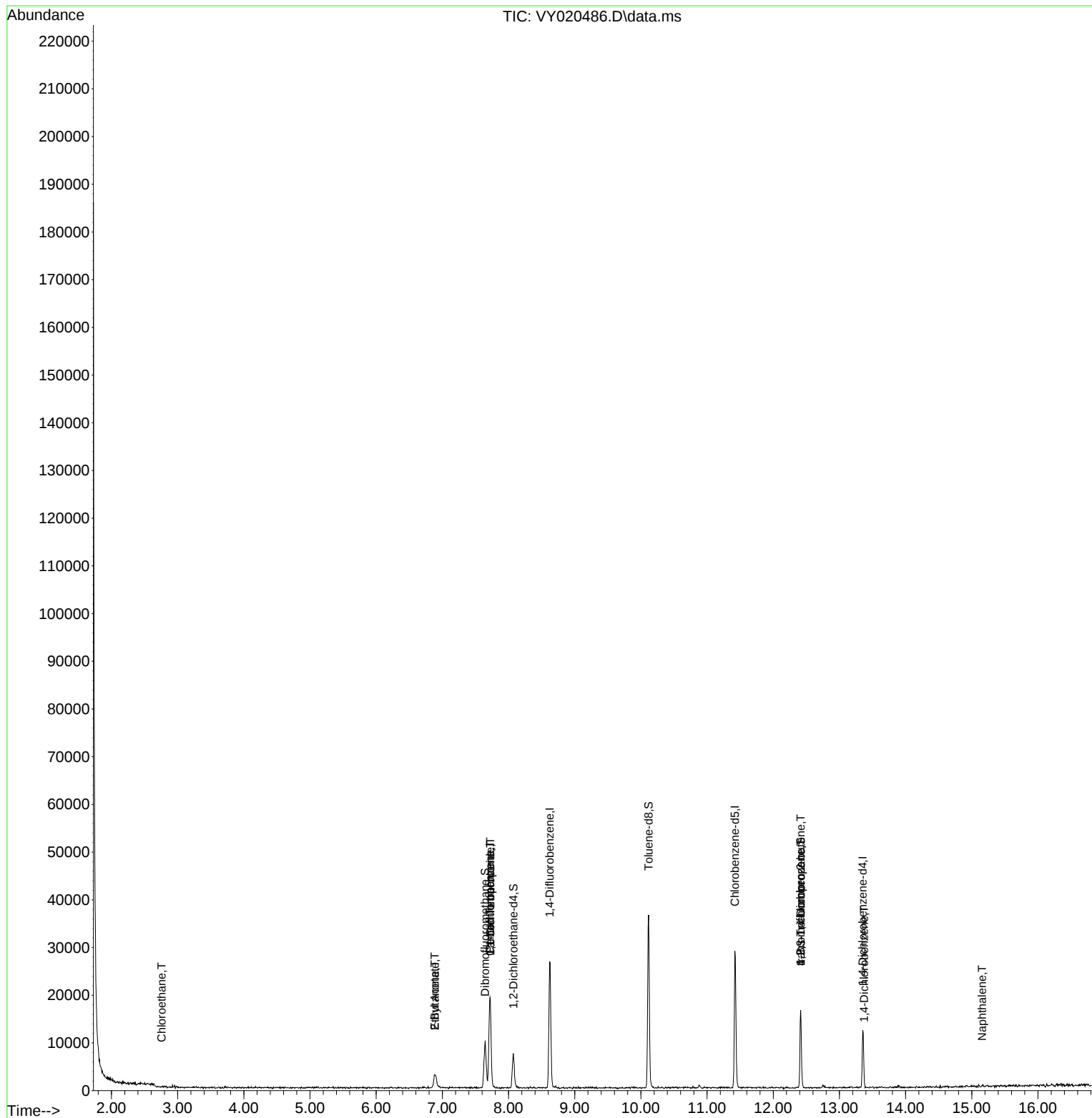
Internal Standards						
1) Pentafluorobenzene	7.719	168	15239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	23447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	15711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	6029	38.901	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.800%
35) Dibromofluoromethane	7.646	113	7031	47.632	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.260%
50) Toluene-d8	10.115	98	24970	44.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.414	95	5355	27.240	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.480%
Target Compounds						
					Qvalue	
6) Chloroethane	2.757	64	105	1.116	ug/l #	43
25) 2-Butanone	6.884	43	162	3.329	ug/l #	50
36) 1,1-Dichloropropene	7.726	75	1324	5.311	ug/l #	49
37) Ethyl Acetate	6.884	43	162	1.640	ug/l #	47
38) Carbon Tetrachloride	7.726	117	1640	5.513	ug/l #	11
76) 1,2,3-Trichloropropane	12.414	75	2708	84.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	2708	172.939	ug/l #	9
88) 1,4-Dichlorobenzene	13.371	146	151	1.266	ug/l #	37
95) Naphthalene	15.157	128	136	1.446	ug/l #	69

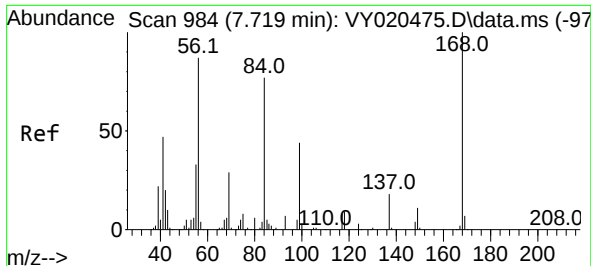
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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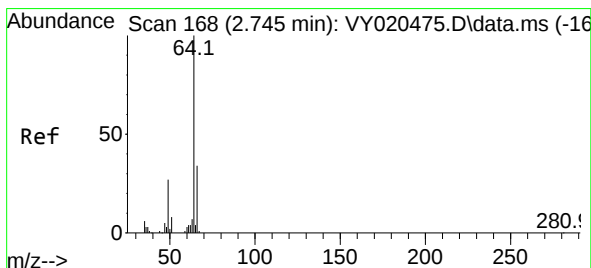
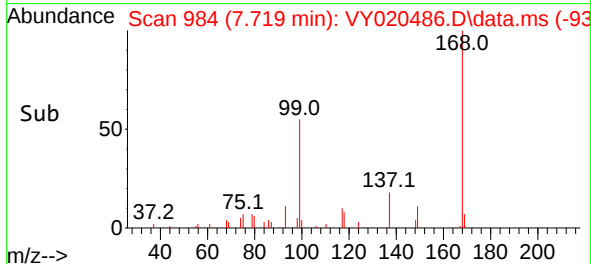
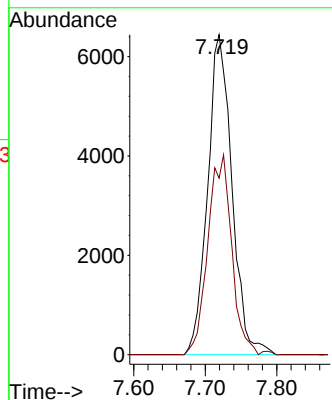
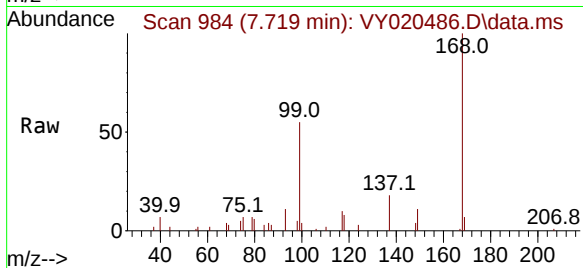




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

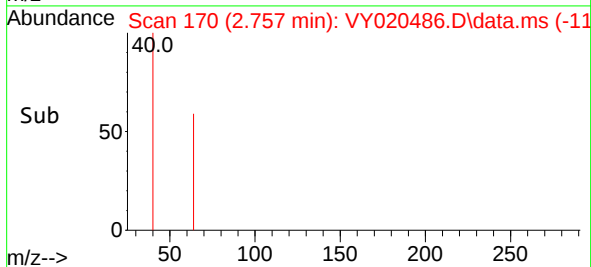
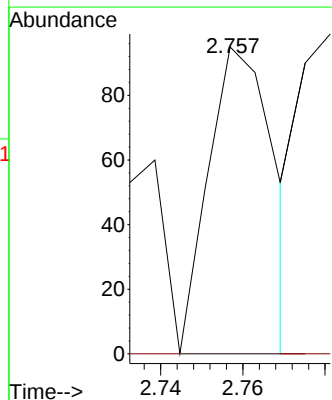
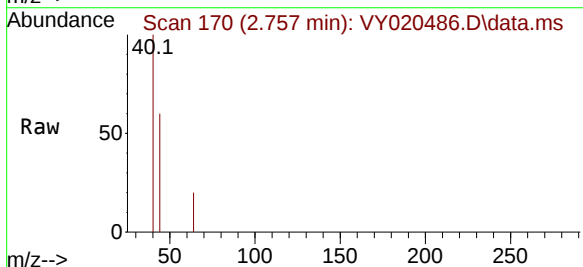
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-11272024

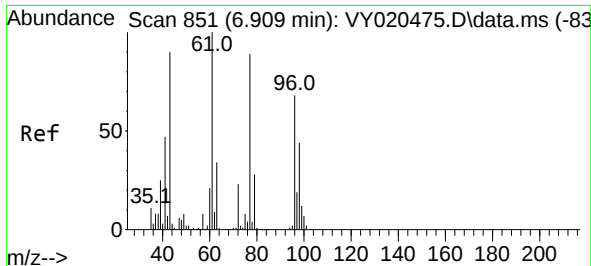
Tgt Ion:168 Resp: 15239
Ion Ratio Lower Upper
168 100
99 55.2 46.6 69.8



#6
Chloroethane
Concen: 1.116 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.018 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#25

2-Butanone

Concen: 3.329 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020486.D

Acq: 02 Dec 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

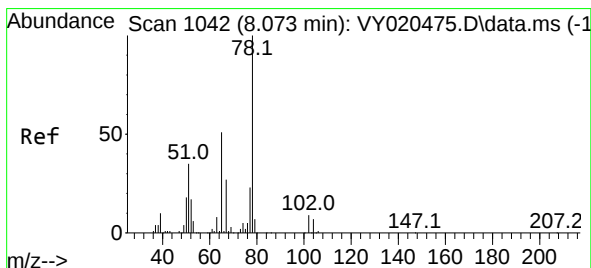
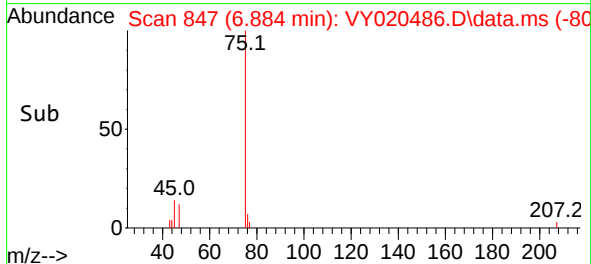
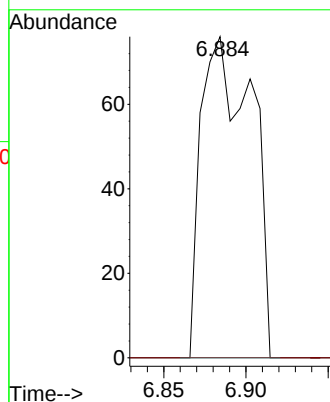
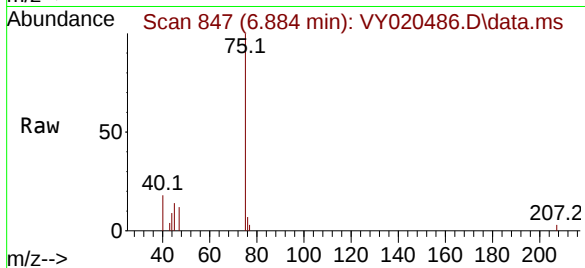
HD-01-11272024

Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#33

1,2-Dichloroethane-d4

Concen: 38.901 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY020486.D

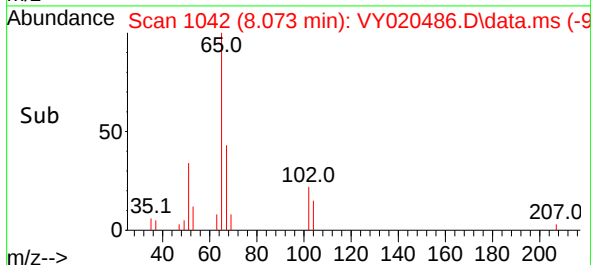
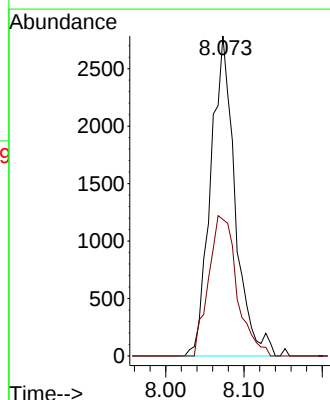
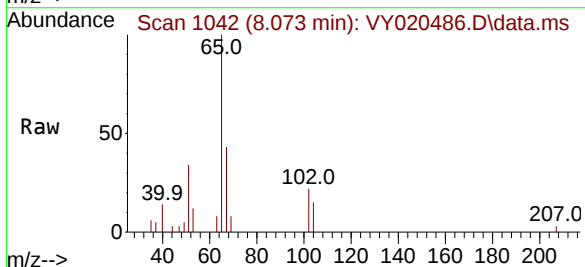
Acq: 02 Dec 2024 15:34

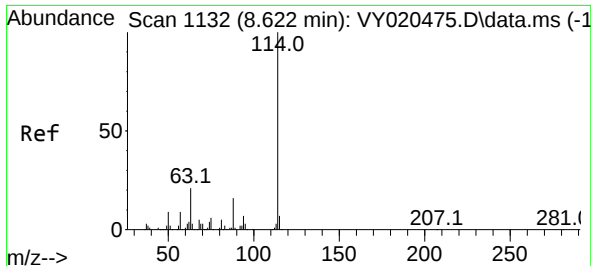
Tgt Ion: 65 Resp: 6029

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.8

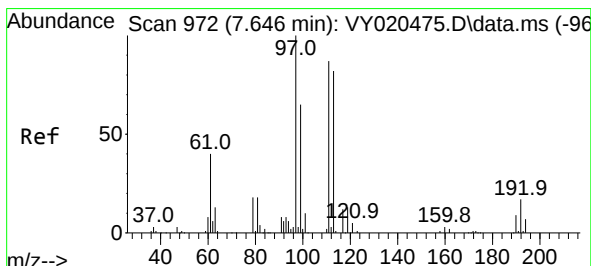
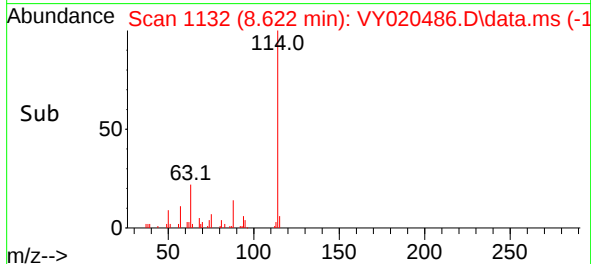
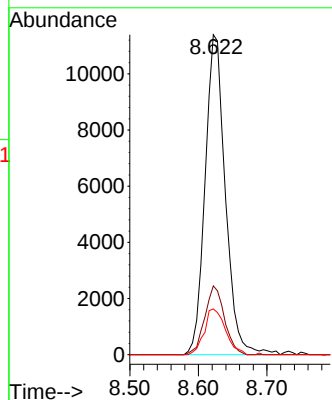
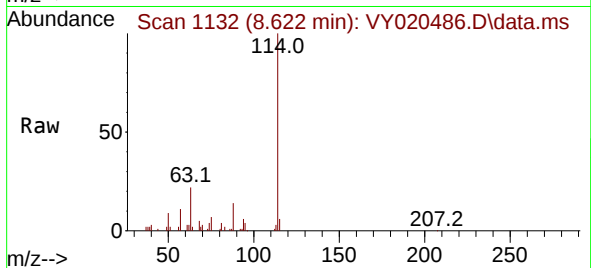




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

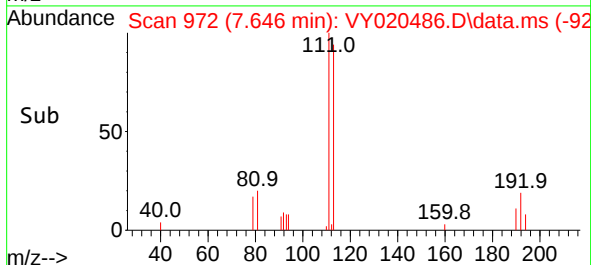
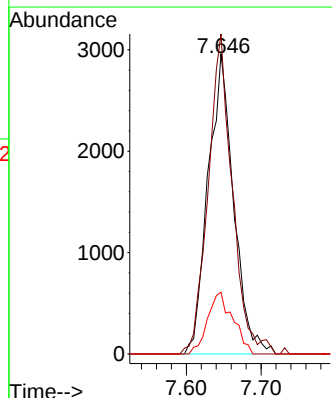
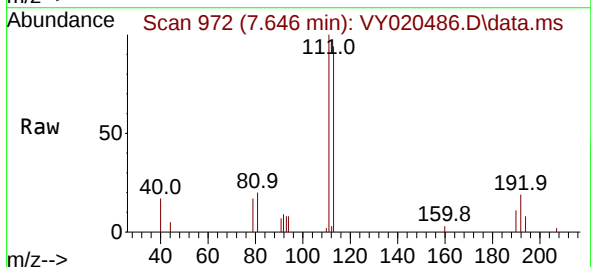
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-11272024

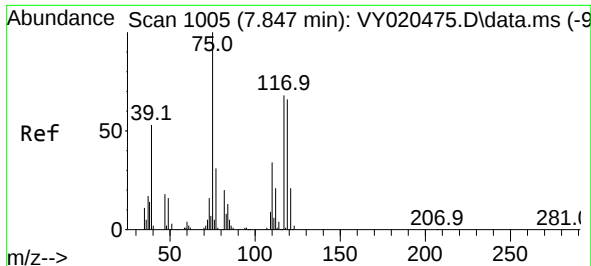
Tgt Ion:	114	Resp:	23447
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	44.8
88	14.3	0.0	32.0



#35
Dibromofluoromethane
Concen: 47.632 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.012 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

Tgt Ion:	113	Resp:	7031
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.4	122.0
192	20.3	15.1	22.7





#36

1,1-Dichloropropene

Concen: 5.311 ug/l

RT: 7.726 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY020486.D

Acq: 02 Dec 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-11272024

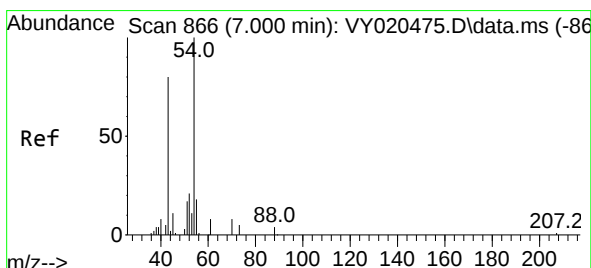
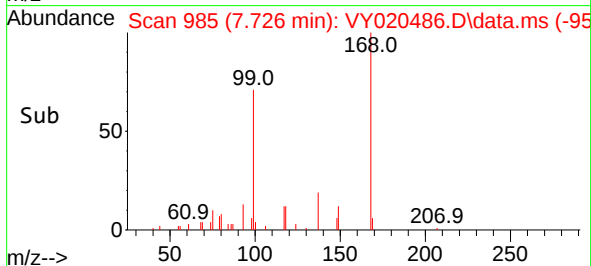
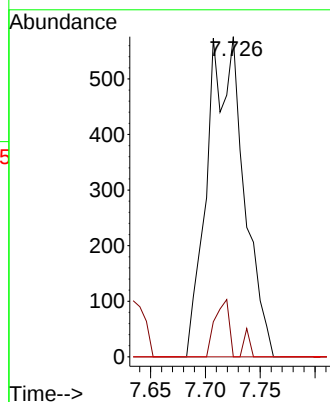
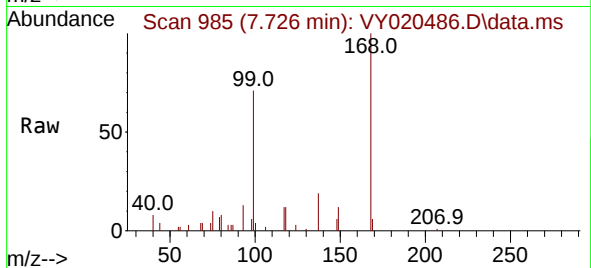
Tgt Ion: 75 Resp: 1324

Ion Ratio Lower Upper

75 100

110 6.9 16.7 50.0#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.640 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.104 min

Lab File: VY020486.D

Acq: 02 Dec 2024 15:34

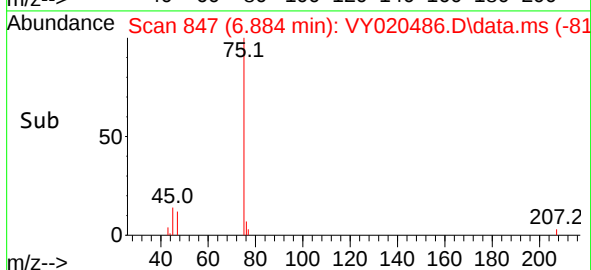
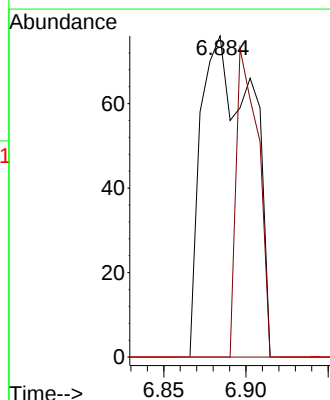
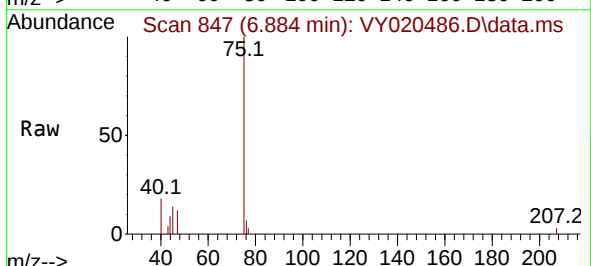
Tgt Ion: 43 Resp: 162

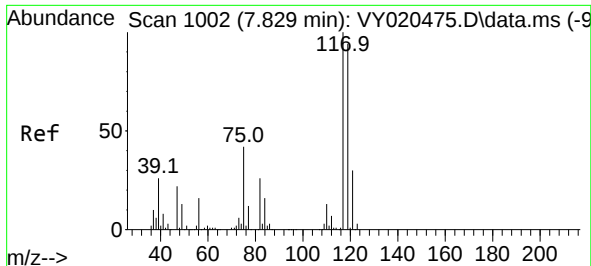
Ion Ratio Lower Upper

43 100

61 42.0 10.7 16.1#

70 0.0 7.3 10.9#

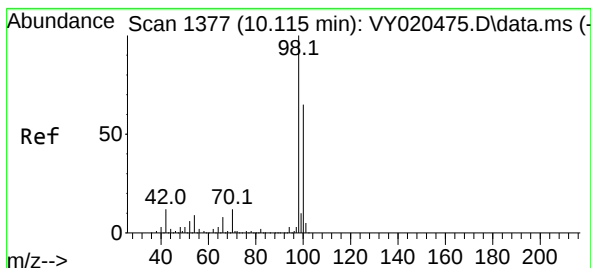
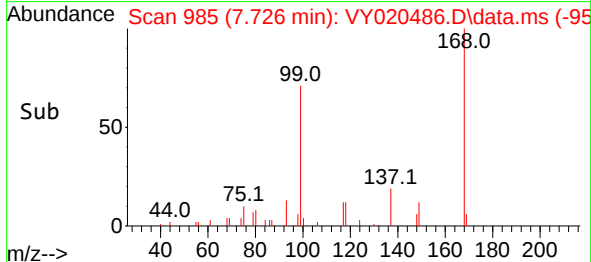
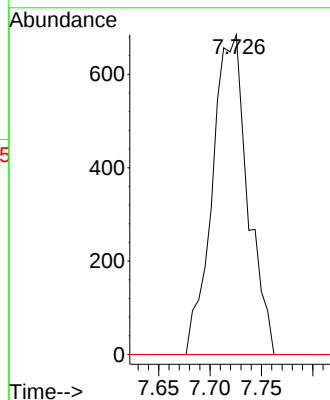
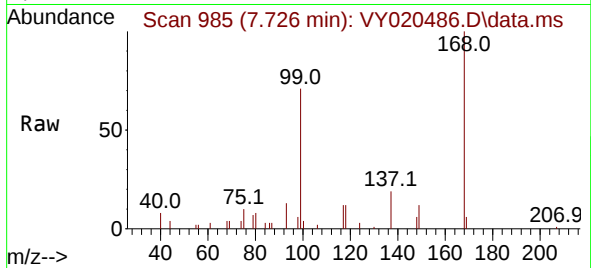




#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

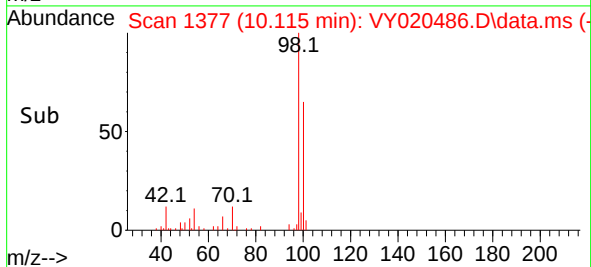
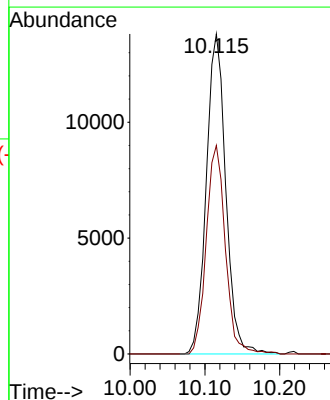
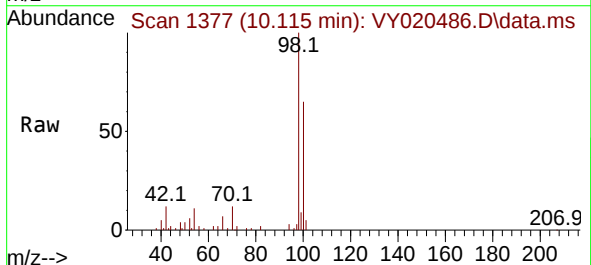
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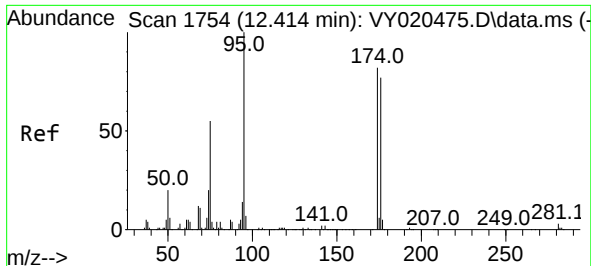
Tgt Ion:117 Resp: 1640
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.425 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

Tgt Ion: 98 Resp: 24970
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

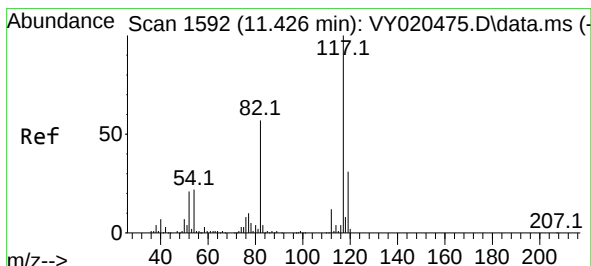
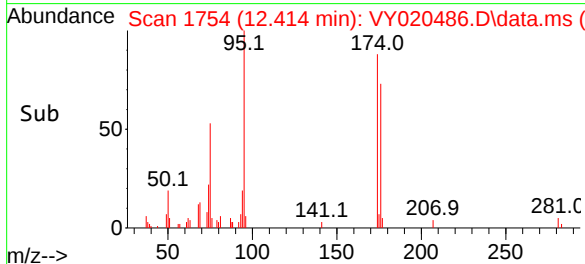
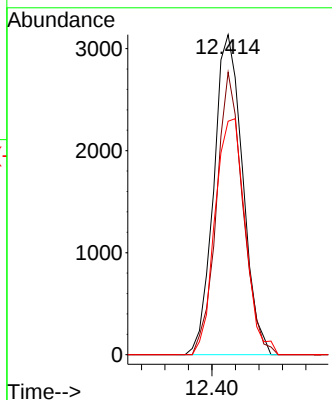
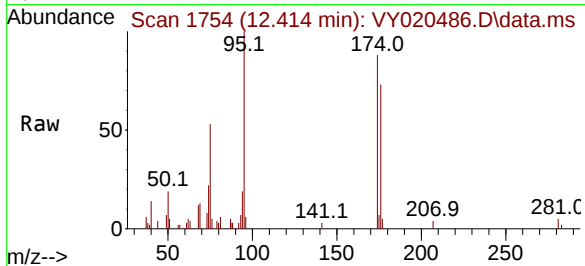




#62
4-Bromofluorobenzene
Concen: 27.240 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

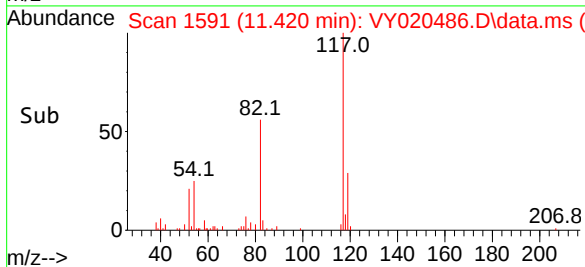
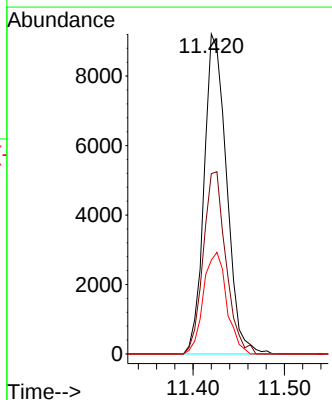
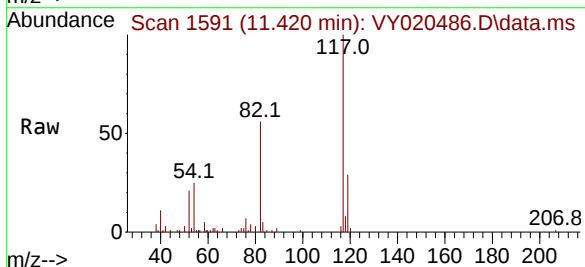
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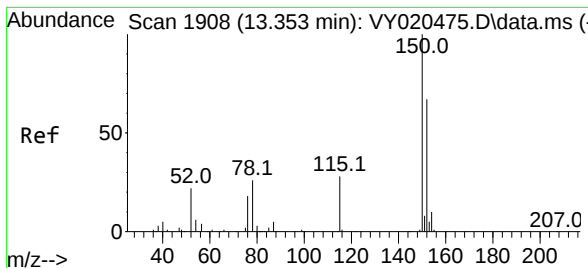
Tgt Ion: 95	Resp: 5355
Ion Ratio	Lower Upper
95 100	
174 80.7	0.0 156.8
176 77.1	0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

Tgt Ion: 117	Resp: 15711
Ion Ratio	Lower Upper
117 100	
82 56.4	48.2 72.4
119 29.3	25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020486.D

Acq: 02 Dec 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-11272024

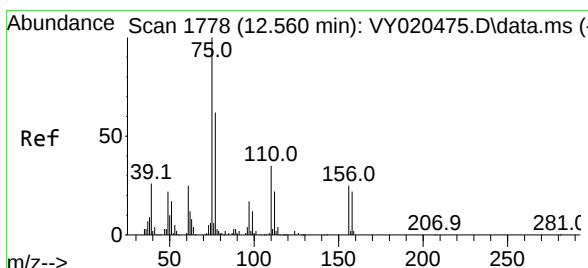
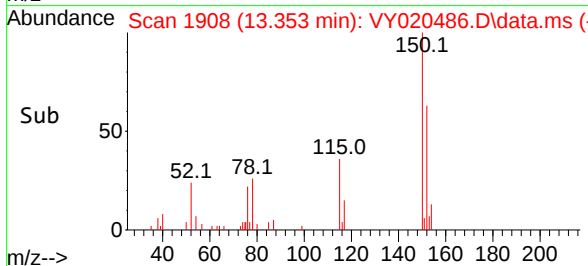
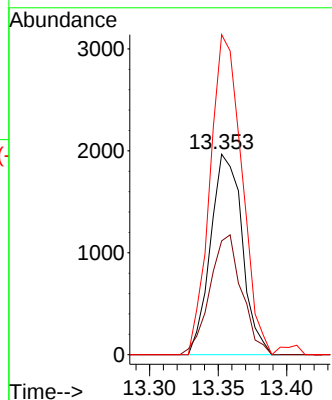
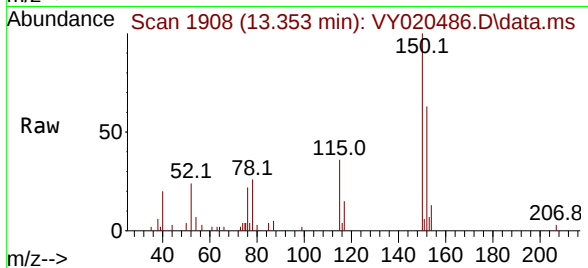
Tgt Ion:152 Resp: 3154

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 162.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 84.284 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY020486.D

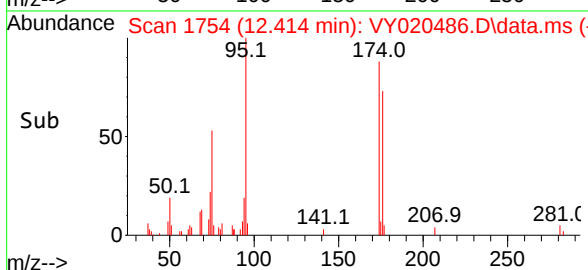
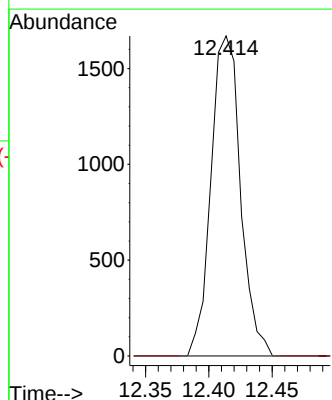
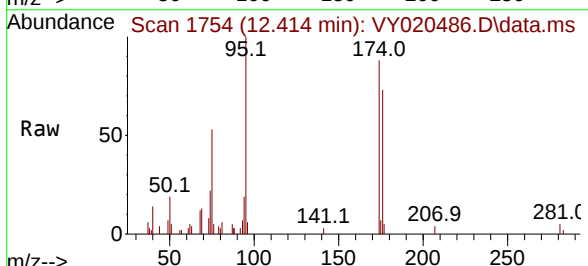
Acq: 02 Dec 2024 15:34

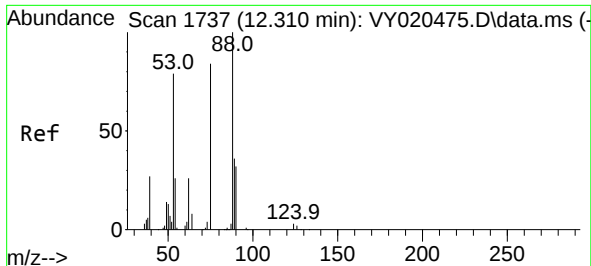
Tgt Ion: 75 Resp: 2708

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

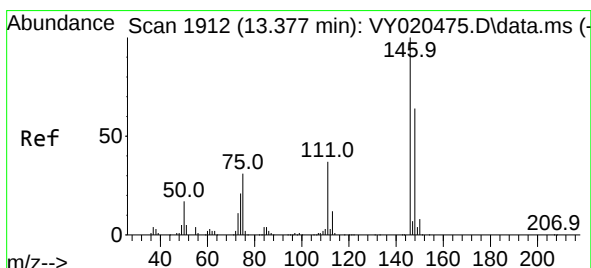
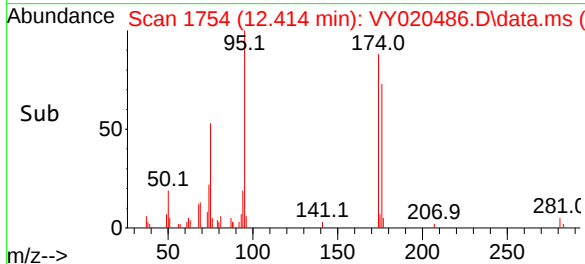
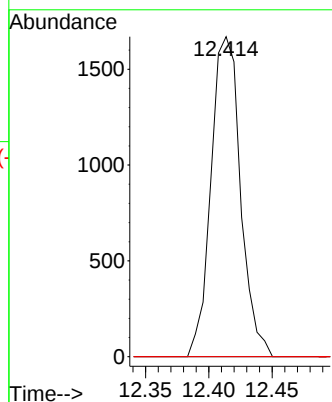
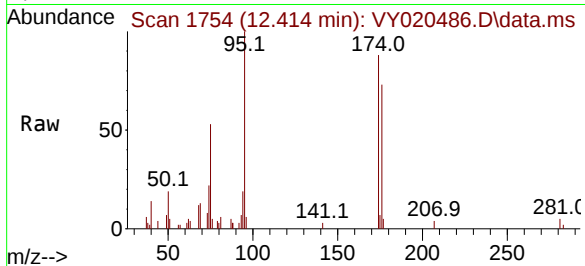




#81
trans-1,4-Dichloro-2-butene
Concen: 172.939 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

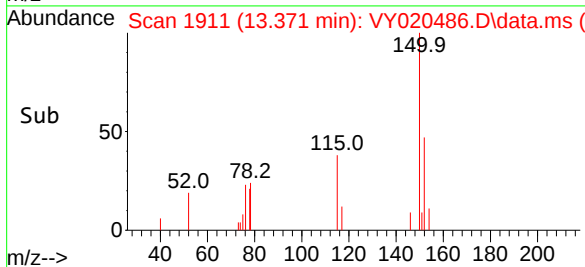
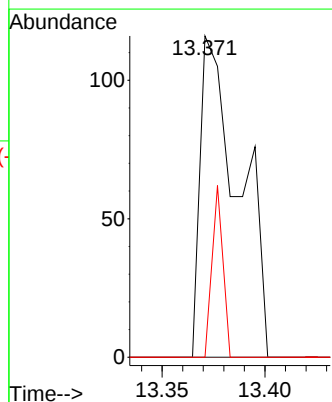
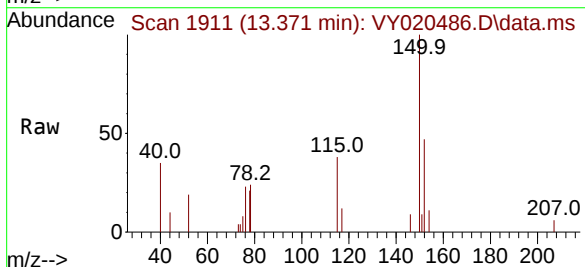
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-11272024

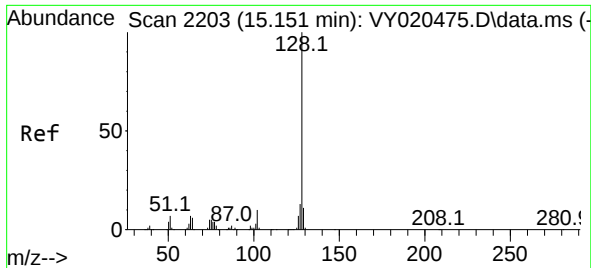
Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#



#88
1,4-Dichlorobenzene
Concen: 1.266 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

Tgt Ion:146 Resp: 151
Ion Ratio Lower Upper
146 100
111 0.0 19.9 59.6#
148 15.2 32.0 96.2#





#95
Naphthalene
Concen: 1.446 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020486.D
Acq: 02 Dec 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-11272024

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	13.0#

