

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011665.D
 Acq On : 01 Dec 2022 16:16
 Operator : KP/MD
 Sample : N5817-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-3-113022RE

Quant Time: Dec 02 03:22:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

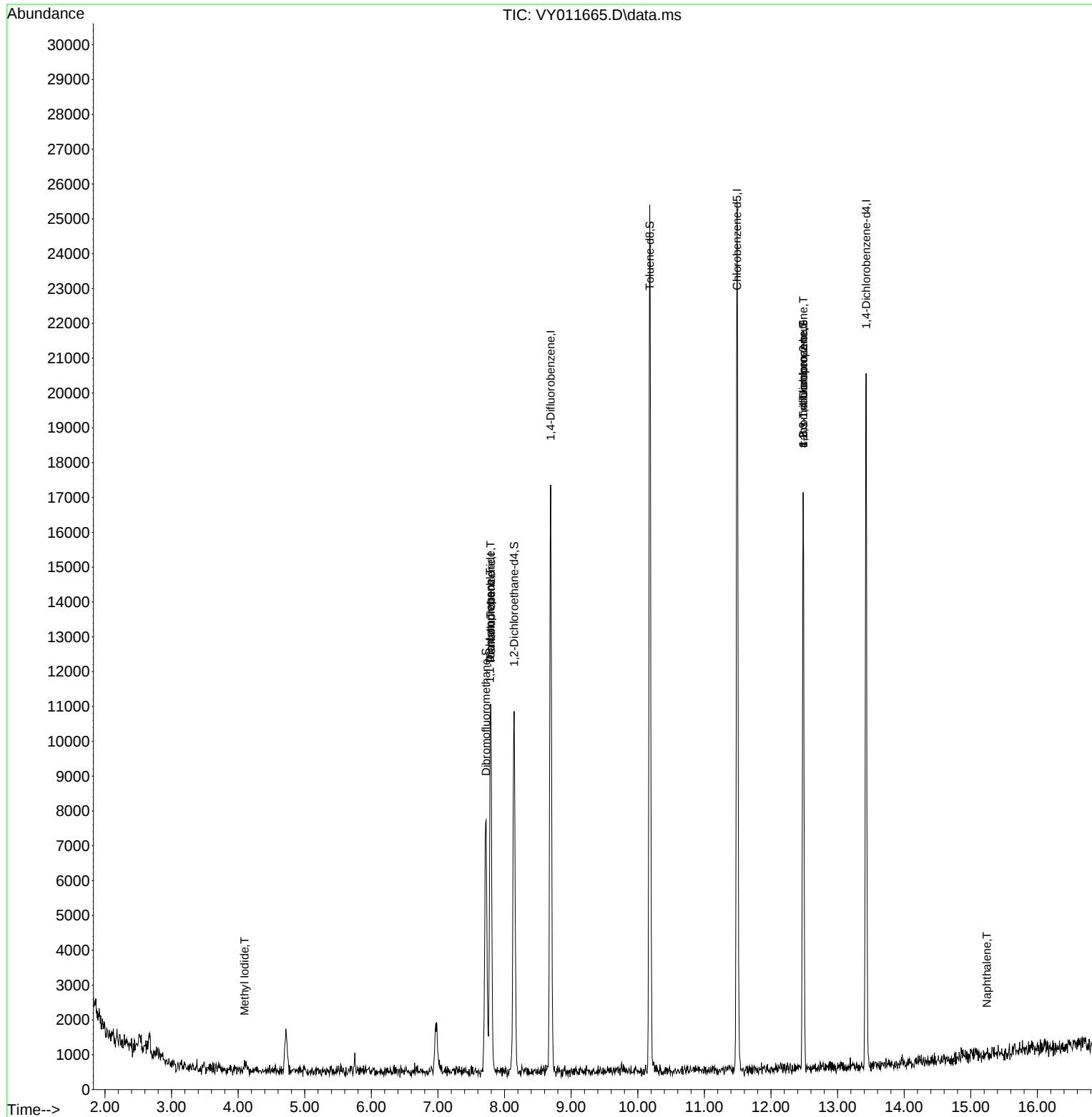
Internal Standards						
1) Pentafluorobenzene	7.795	168	8844	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	14865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8221	91.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.100%#	
35) Dibromofluoromethane	7.722	113	5317	58.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.179	98	17356	52.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.483	95	5555	45.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	122	Below Cal	#	44
5) Bromomethane	2.662	94	160	Below Cal	#	60
10) Methyl Iodide	4.095	142	430	4.350	ug/l #	40
20) Methylene Chloride	4.710	84	865	Below Cal	#	55
36) 1,1-Dichloropropene	7.783	75	704	4.922	ug/l #	42
38) Carbon Tetrachloride	7.789	117	868	5.424	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2780	50.685	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2780	111.018	ug/l #	7
95) Naphthalene	15.239	128	105	4.555	ug/l #	69

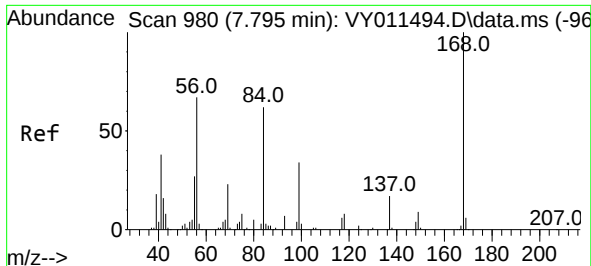
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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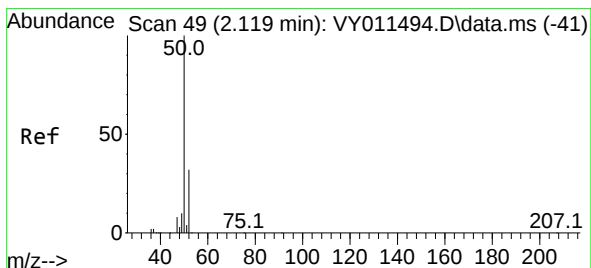
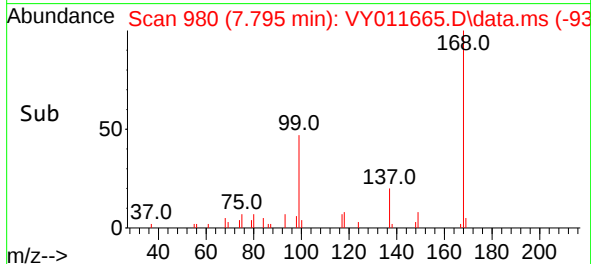
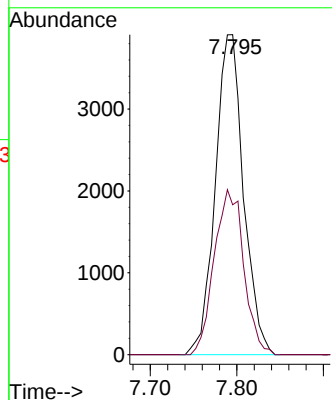
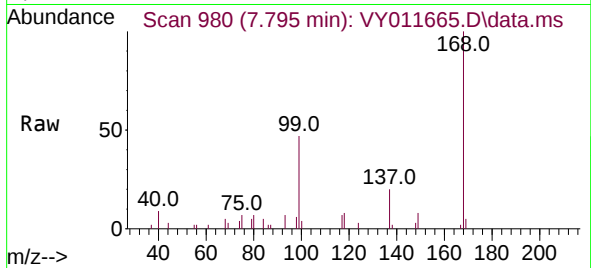




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

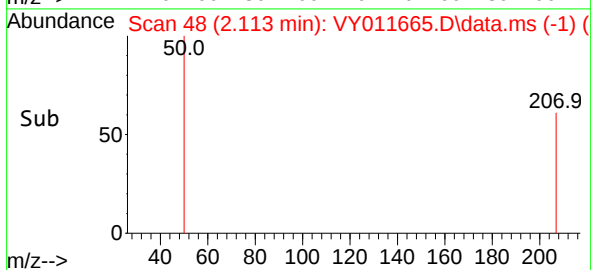
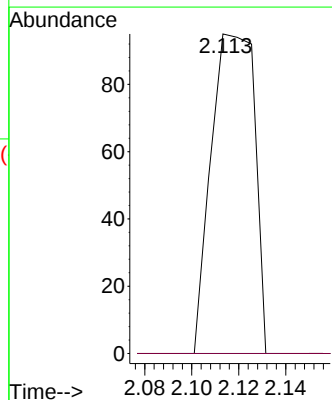
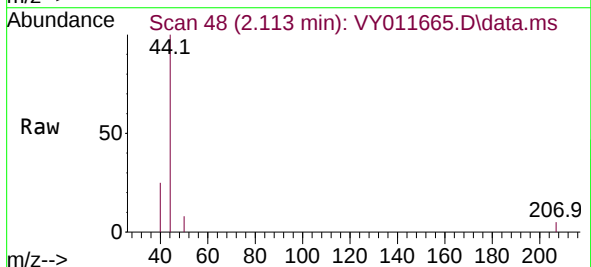
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MSVOA_Y
ClientSampleId :
OK-3-113022RE

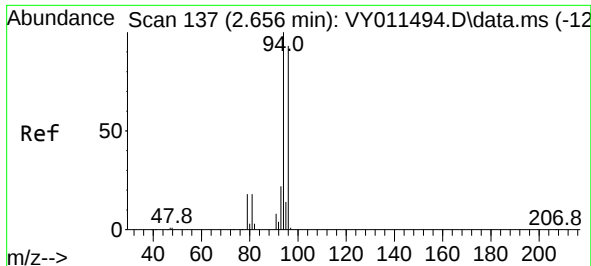
Tgt Ion:168 Resp: 8844
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

Tgt Ion: 50 Resp: 122
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

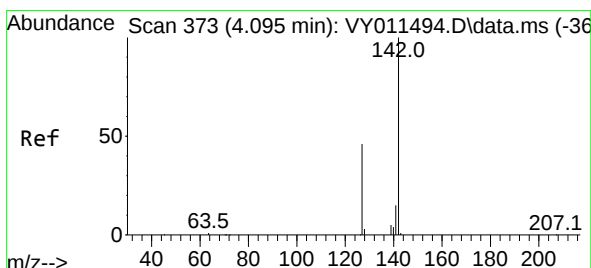
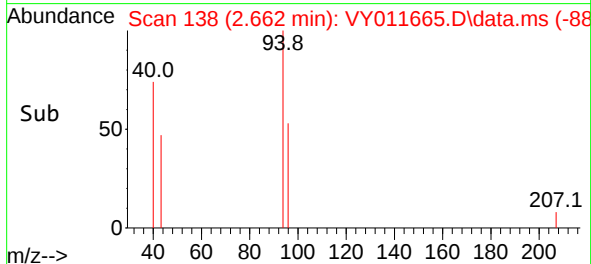
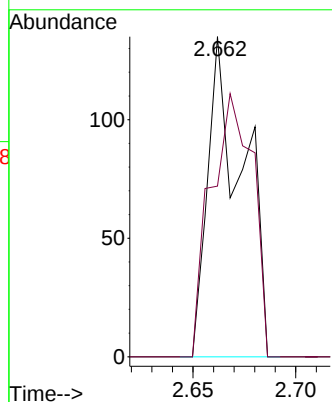
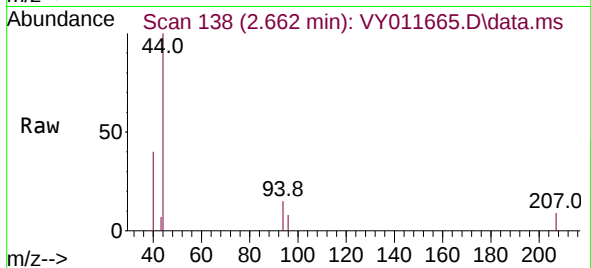




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

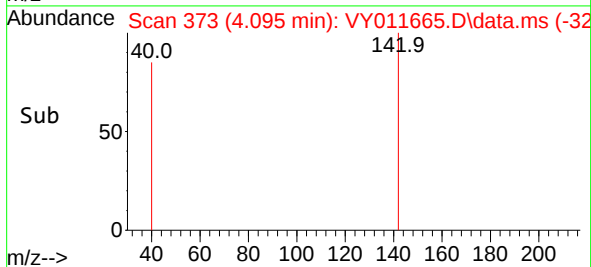
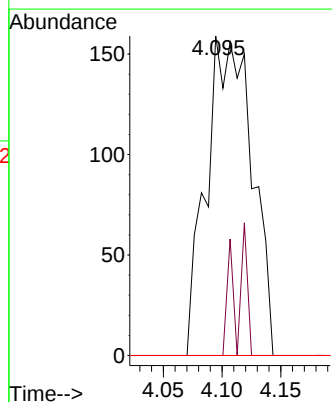
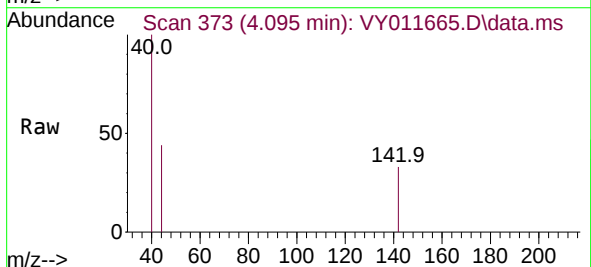
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022RE

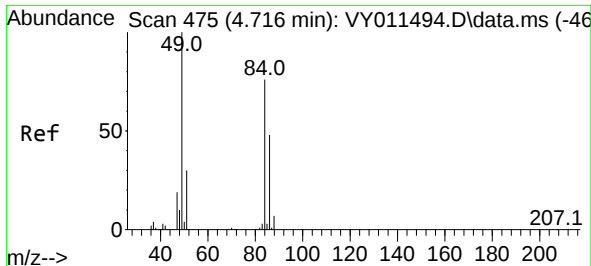
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 53.3 73.5 110.3#



#10
Methyl Iodide
Concen: 4.350 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

Tgt Ion:142 Resp: 430
Ion Ratio Lower Upper
142 100
127 4.9 41.5 62.3#
141 0.0 11.9 17.9#

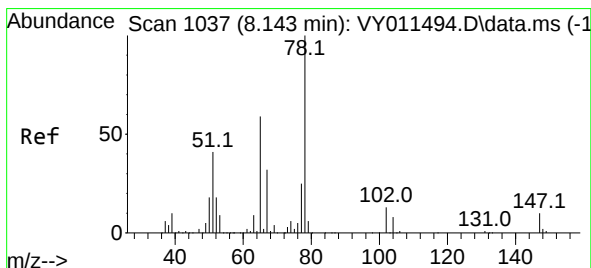
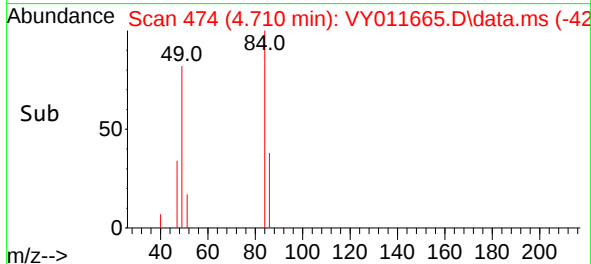
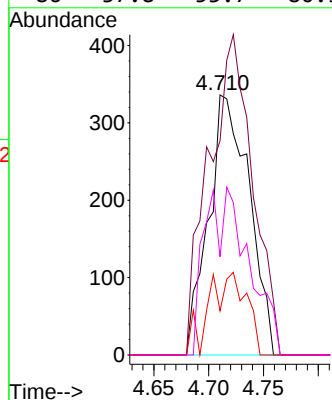
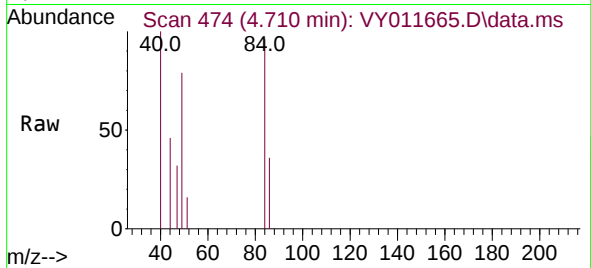




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

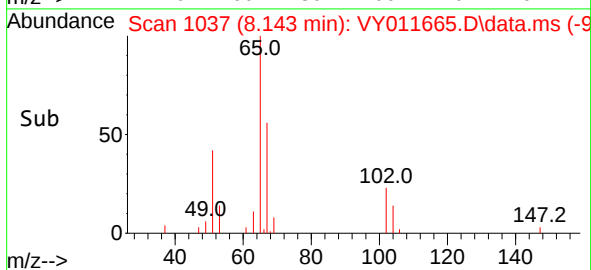
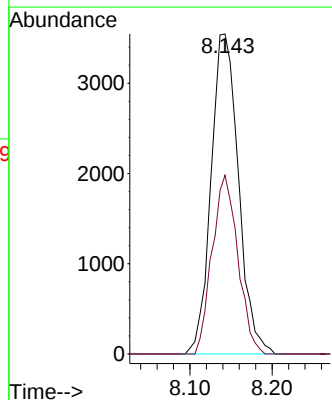
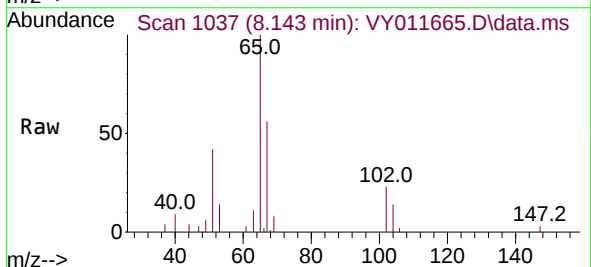
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022RE

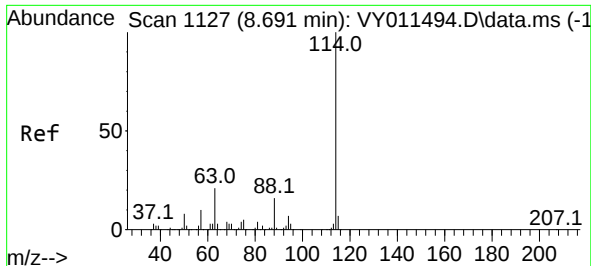
Tgt Ion: 84 Resp: 865
Ion Ratio Lower Upper
84 100
49 82.4 114.4 171.6#
51 17.0 35.3 52.9#
86 37.8 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 91.546 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

Tgt Ion: 65 Resp: 8221
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011665.D

Acq: 01 Dec 2022 16:16

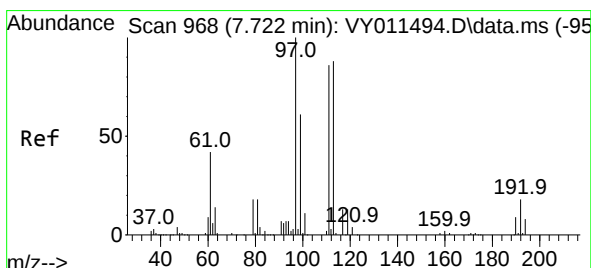
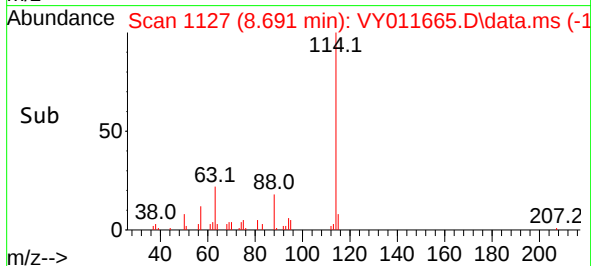
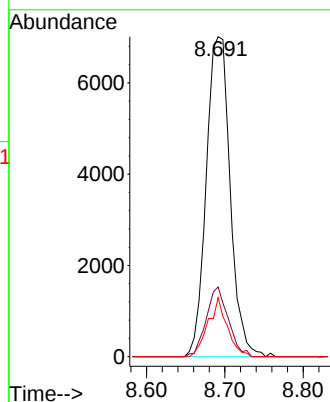
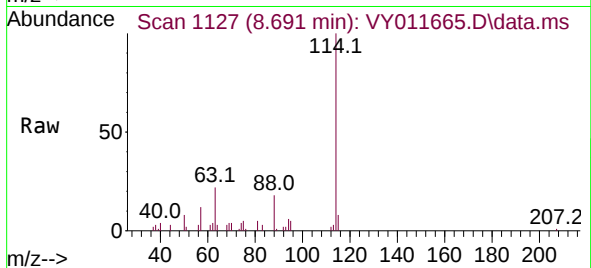
Instrument :

MSVOA_Y

ClientSampleId :

OK-3-113022RE

Tgt Ion:114	Resp:	14865
Ion Ratio	Lower	Upper
114	100	
63	21.8	0.0 43.2
88	18.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 58.104 ug/l

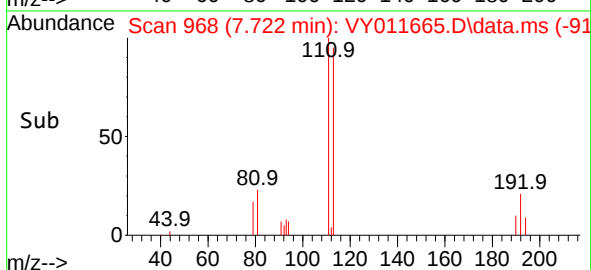
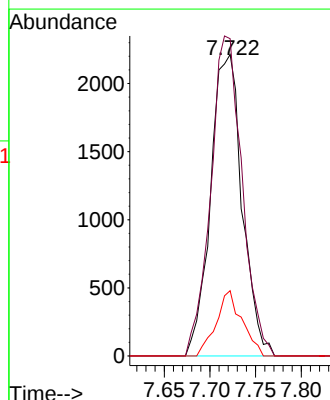
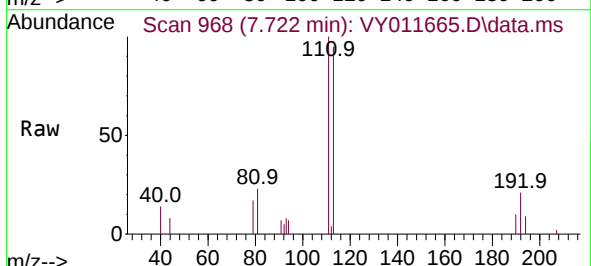
RT: 7.722 min Scan# 968

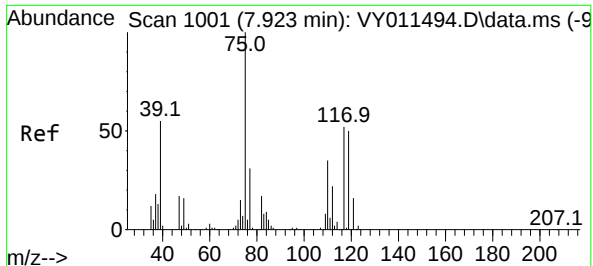
Delta R.T. -0.000 min

Lab File: VY011665.D

Acq: 01 Dec 2022 16:16

Tgt Ion:113	Resp:	5317
Ion Ratio	Lower	Upper
113	100	
111	105.5	82.6 124.0
192	17.7	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.922 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY011665.D

Acq: 01 Dec 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

OK-3-113022RE

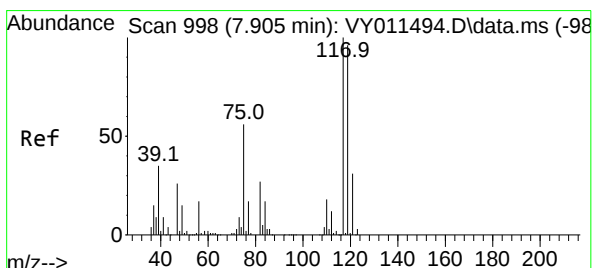
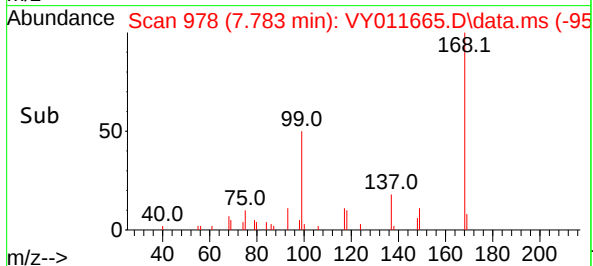
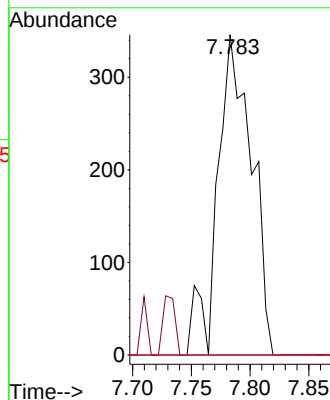
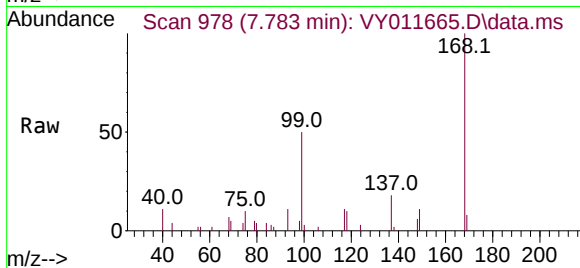
Tgt Ion: 75 Resp: 704

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.424 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011665.D

Acq: 01 Dec 2022 16:16

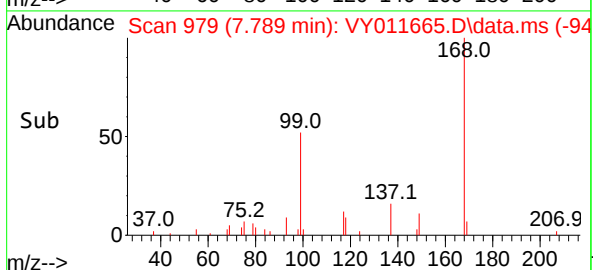
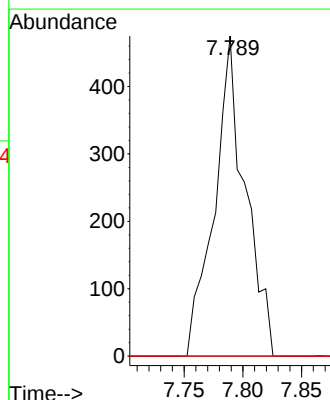
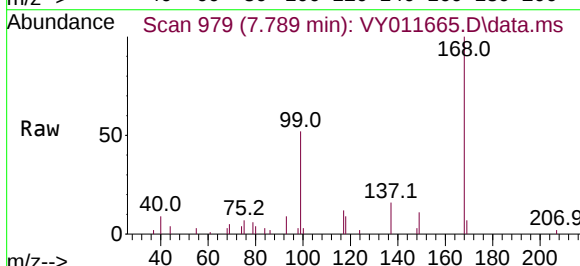
Tgt Ion: 117 Resp: 868

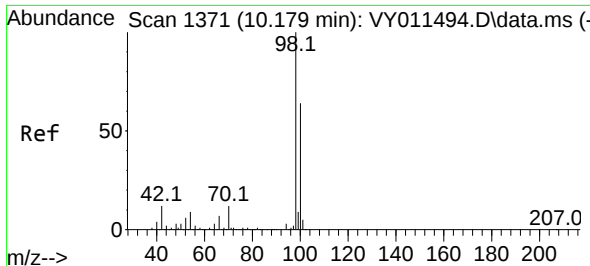
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

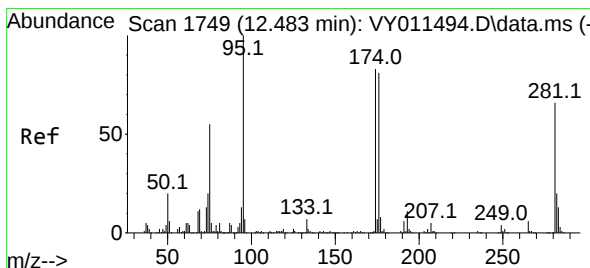
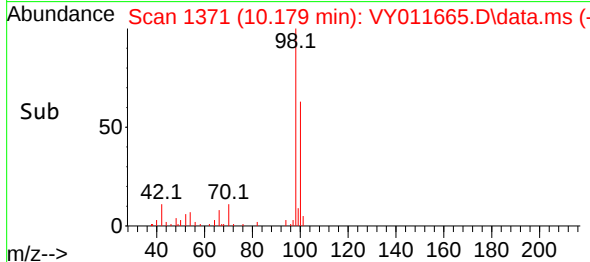
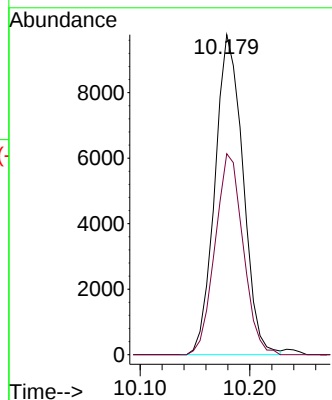
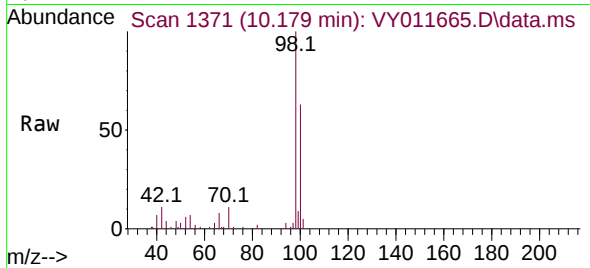




#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

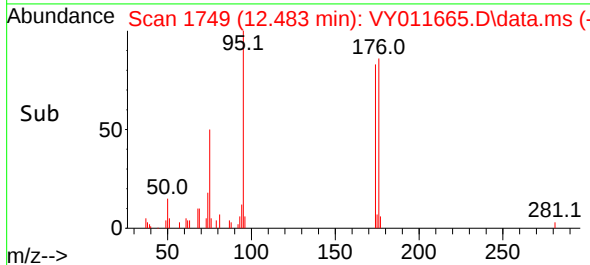
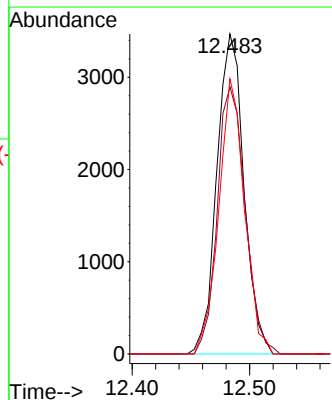
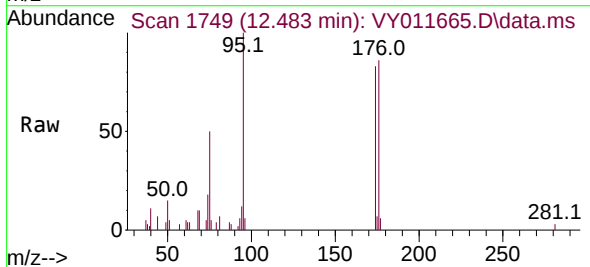
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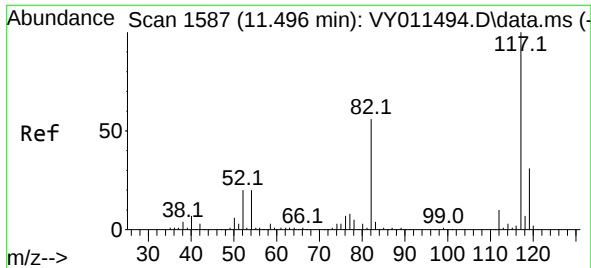
Tgt Ion: 98 Resp: 17356
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

Tgt Ion: 95 Resp: 5555
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.0 0.0 175.8

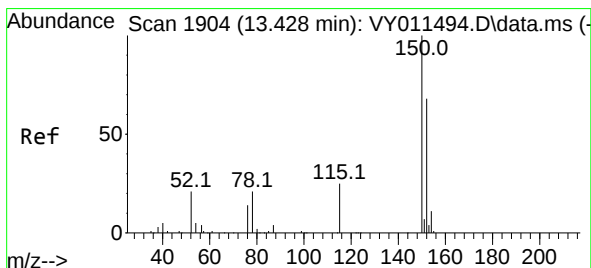
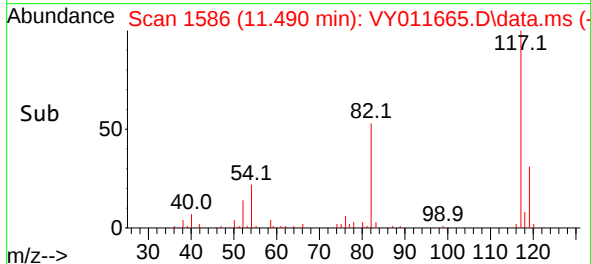
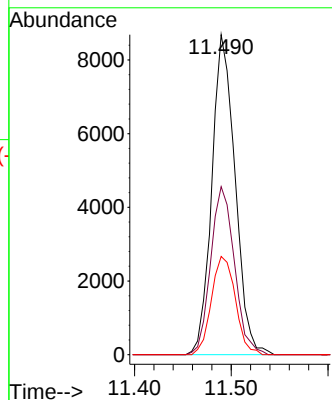
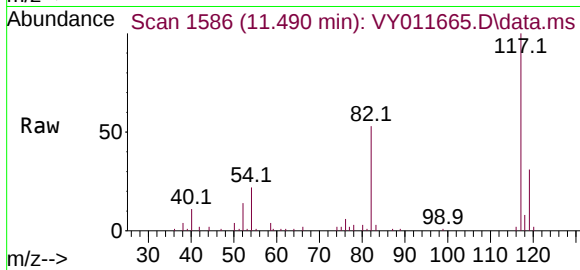




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

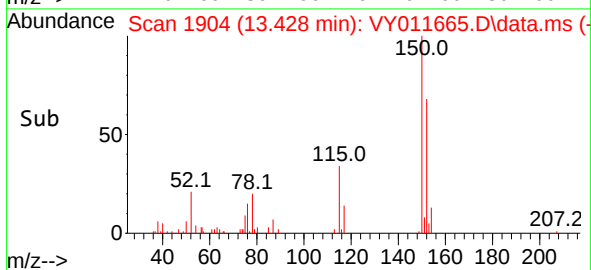
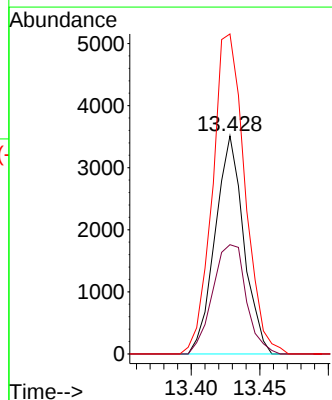
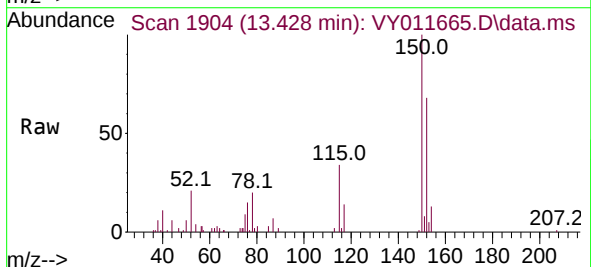
Instrument :
MSVOA_Y
ClientSampleId :
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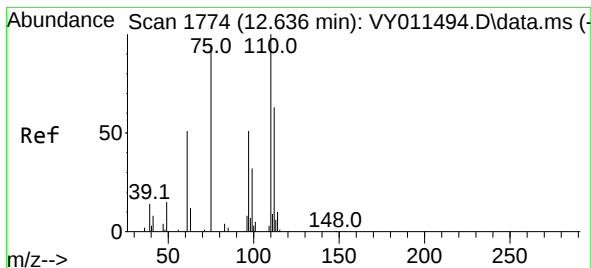
Tgt Ion:	117	Resp:	14499
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	30.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

Tgt Ion:	152	Resp:	5093
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	166.4	0.0	347.6

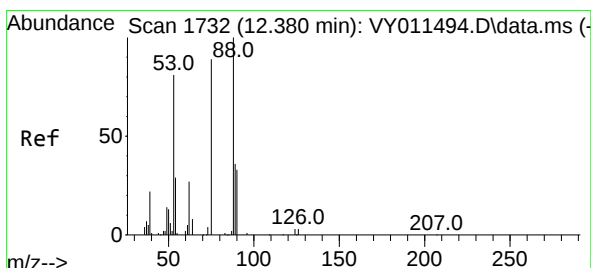
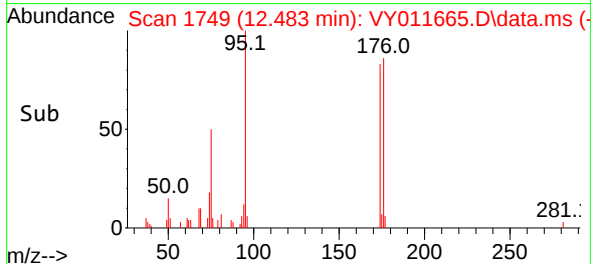
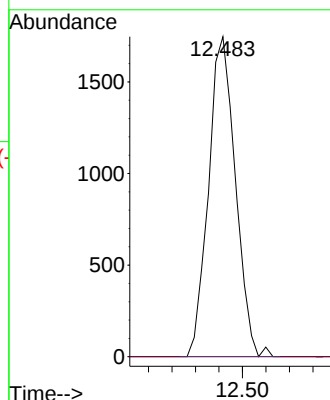
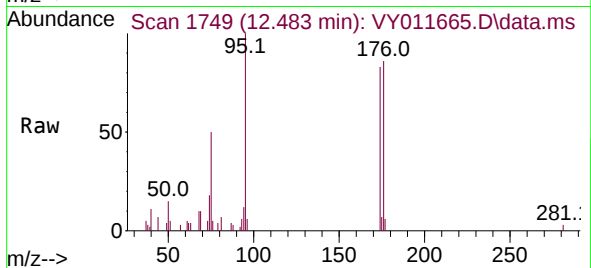




#76
1,2,3-Trichloropropane
Concen: 50.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

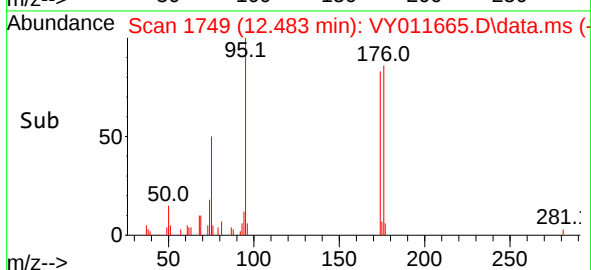
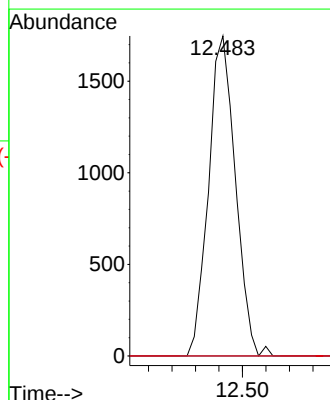
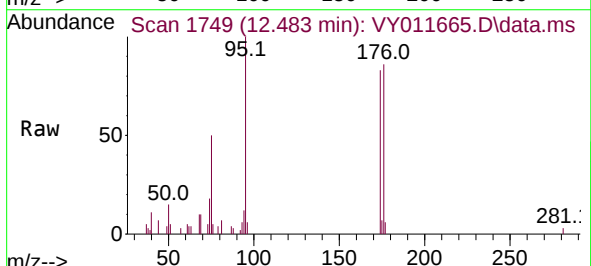
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022RE

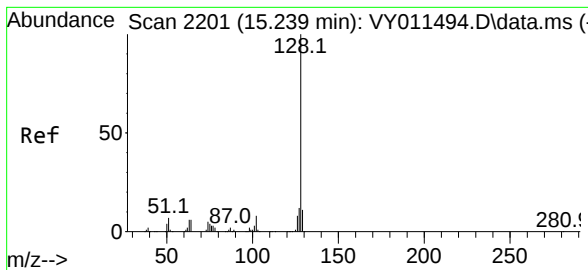
Tgt Ion: 75 Resp: 2780
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 111.018 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

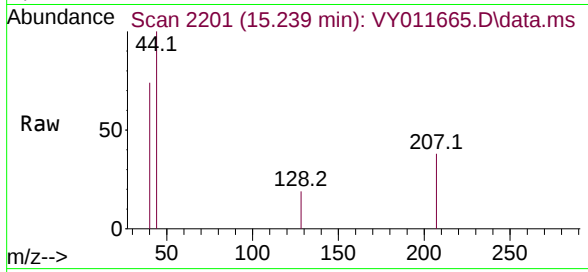
Tgt Ion: 75 Resp: 2780
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.555 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011665.D
Acq: 01 Dec 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022RE



Tgt Ion:	128	Resp:	105
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

