

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007879.D
 Acq On : 17 Mar 2022 17:06
 Operator : SY/MD
 Sample : N1853-03RE
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2B-BASE-01

Quant Time: Mar 17 18:23:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

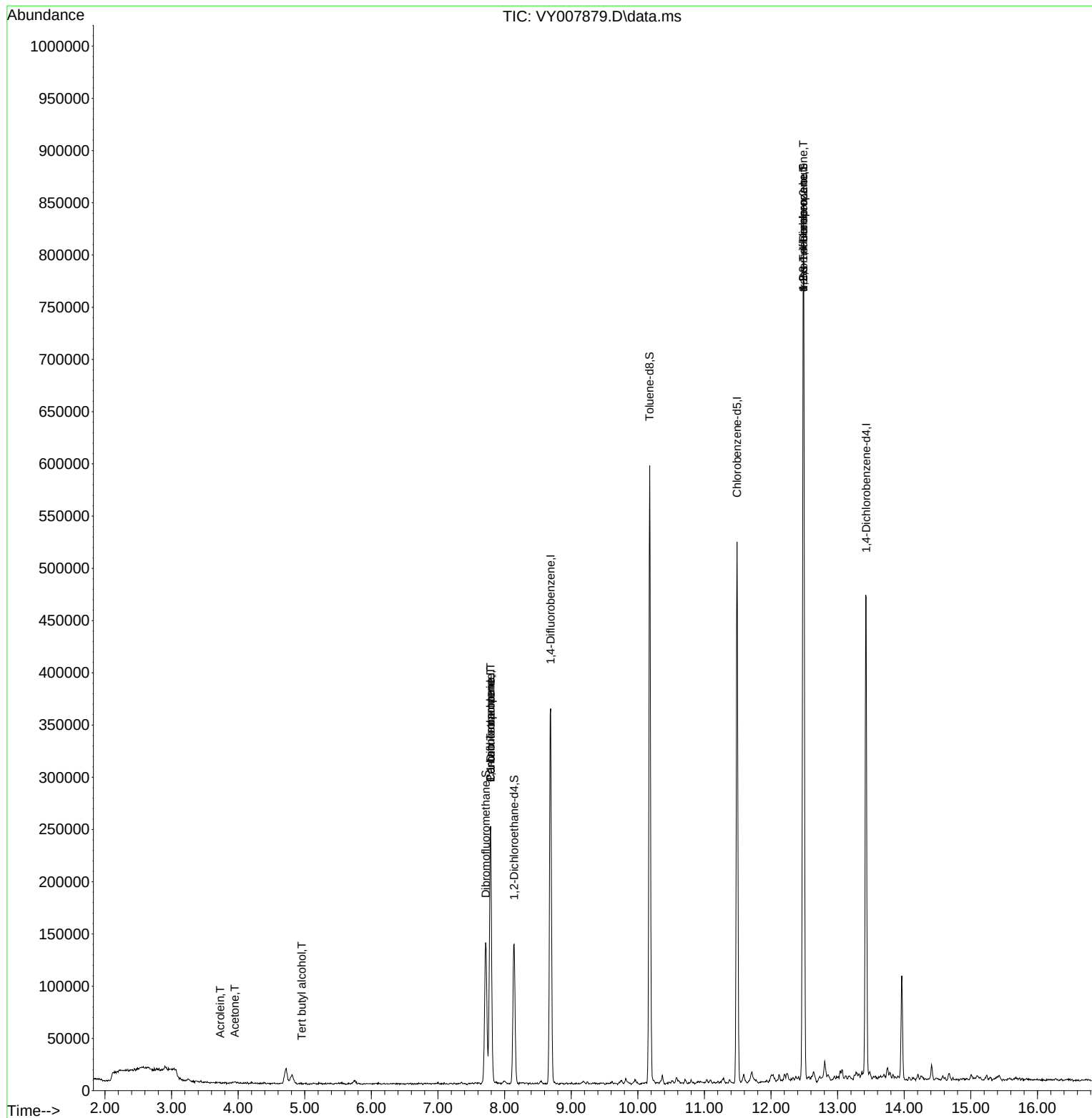
Internal Standards						
1) Pentafluorobenzene	7.789	168	190879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104736	48.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.716	113	98549	43.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.760%
50) Toluene-d8	10.179	98	379834	56.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.620%
62) 4-Bromofluorobenzene	12.483	95	131266	40.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.440%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	380	Below Cal	#	1
3) Chloromethane	2.107	50	1425	Below Cal	#	85
4) Vinyl Chloride	2.266	62	321	Below Cal	#	43
5) Bromomethane	2.662	94	1109	Below Cal		90
11) Tert butyl alcohol	4.954	59	385	1.518	ug/l #	1
13) Acrolein	3.729	56	472	3.091	ug/l #	50
16) Acetone	3.948	43	2878	4.985	ug/l	94
17) Carbon Disulfide	4.198	76	98	Below Cal	#	75
18) Methyl Acetate	4.466	43	173	Below Cal	#	56
31) Cyclohexane	7.783	56	4675	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	15011	4.506	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19217	5.399	ug/l #	16
39) Methylcyclohexane	9.179	83	906	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.483	75	70819	40.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70819	84.853	ug/l #	9

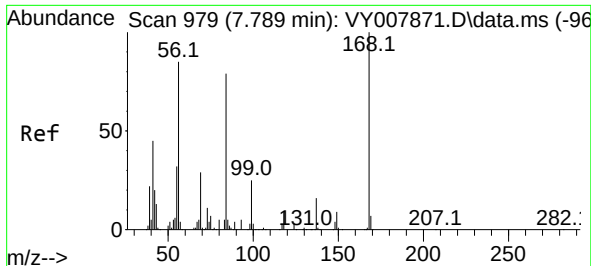
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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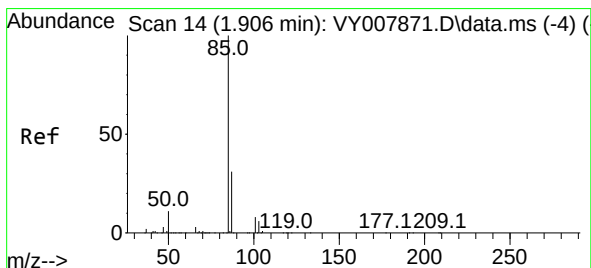
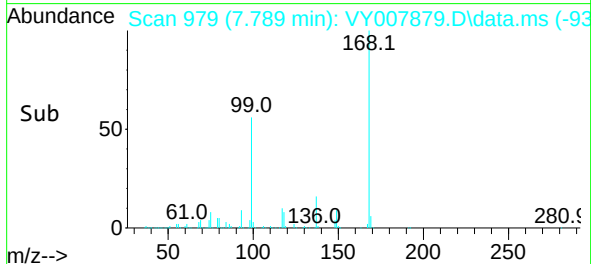
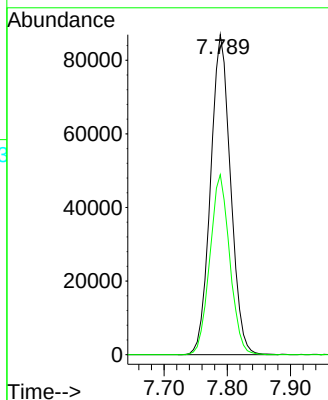
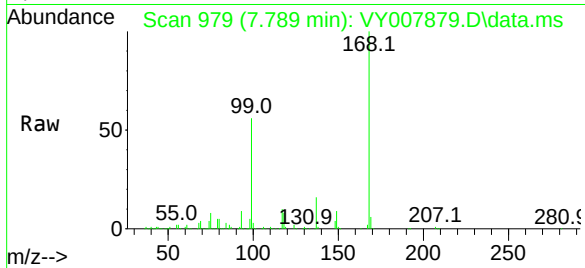




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

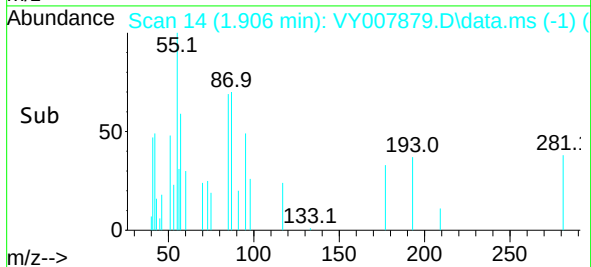
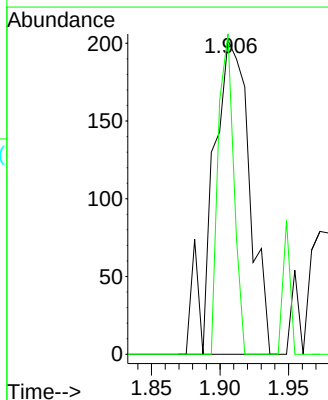
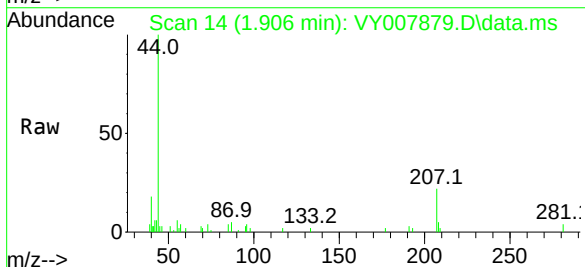
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

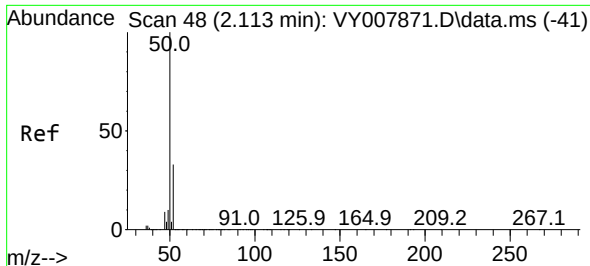
Tgt Ion:168 Resp: 190879
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 85 Resp: 380
Ion Ratio Lower Upper
85 100
87 102.0 16.1 48.2#

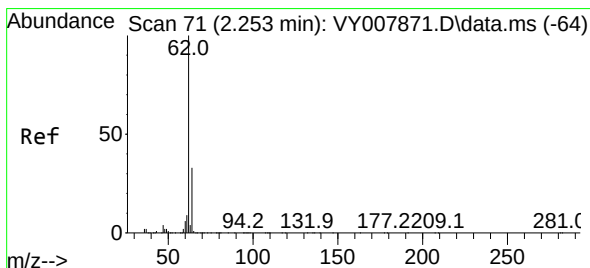
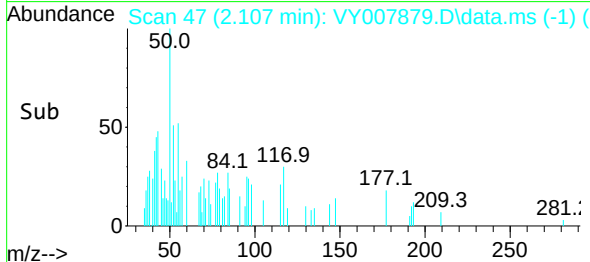
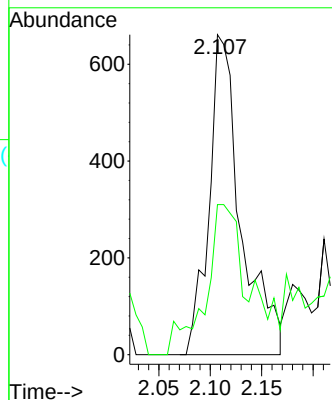
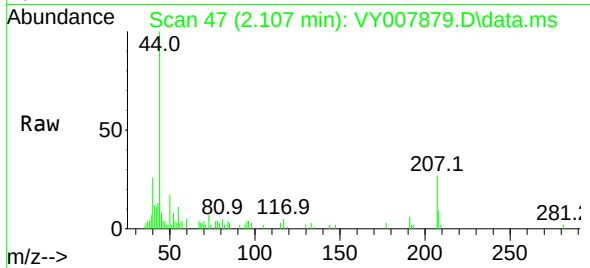




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

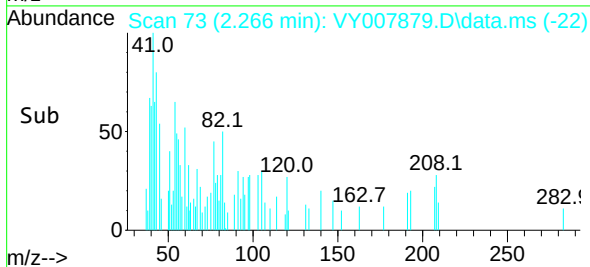
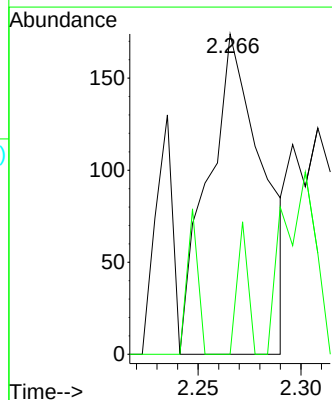
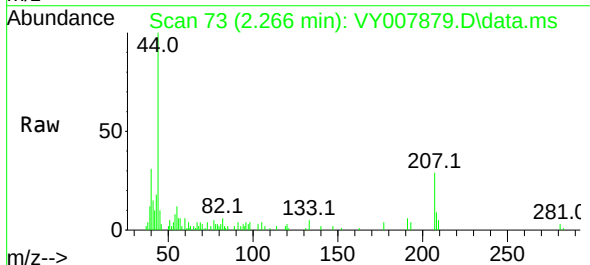
Instrument :
MSVOA_Y
ClientSampleId :
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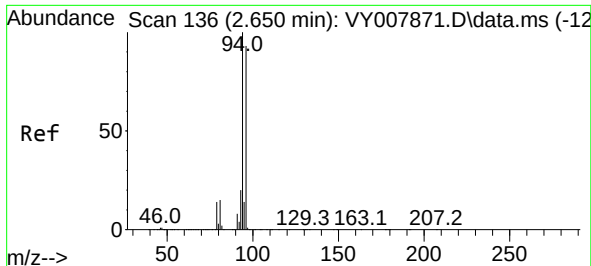
Tgt Ion: 50 Resp: 1425
Ion Ratio Lower Upper
50 100
52 39.2 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 62 Resp: 321
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

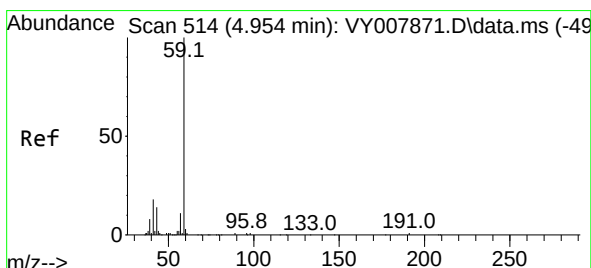
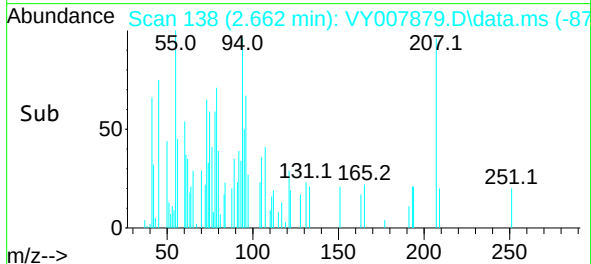
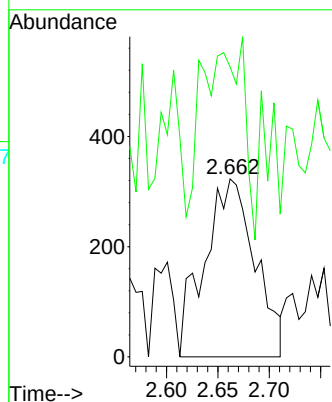
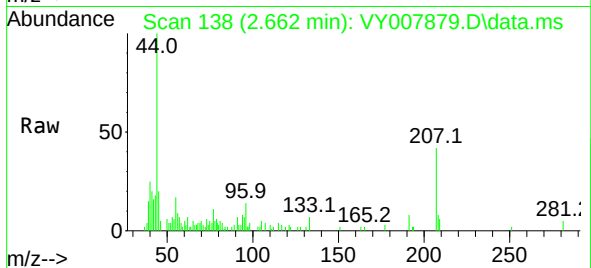




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

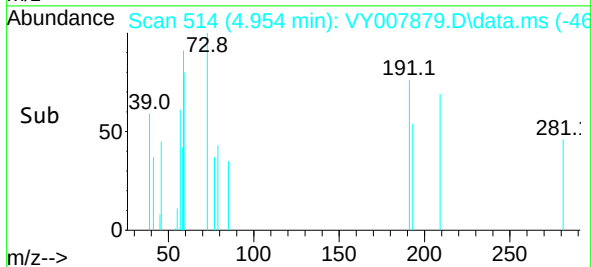
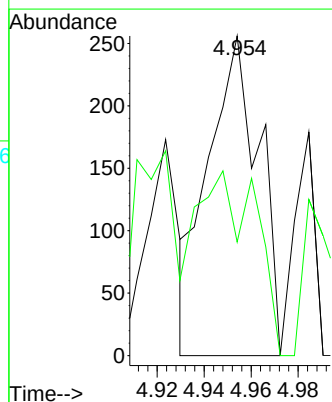
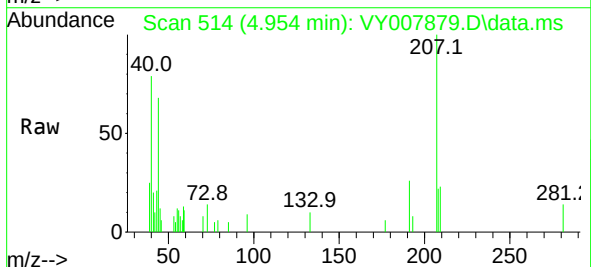
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

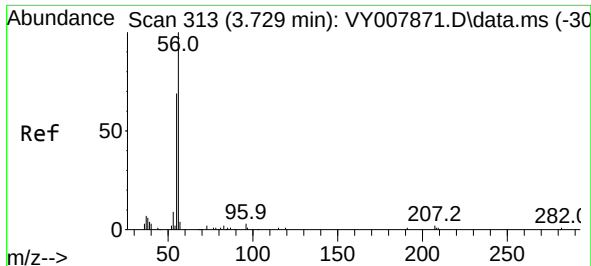
Tgt Ion: 94 Resp: 1109
Ion Ratio Lower Upper
94 100
96 82.7 73.5 110.3



#11
Tert butyl alcohol
Concen: 1.518 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 67.8 6.4 9.6#

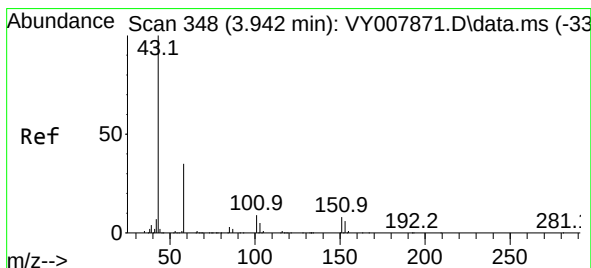
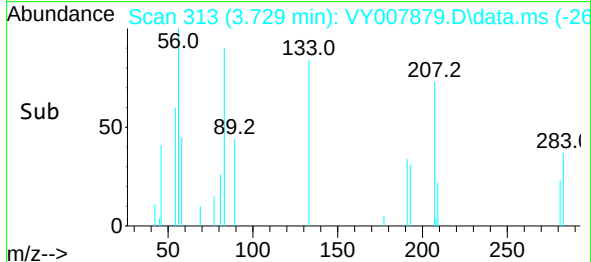
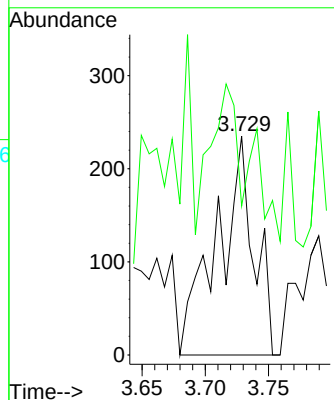
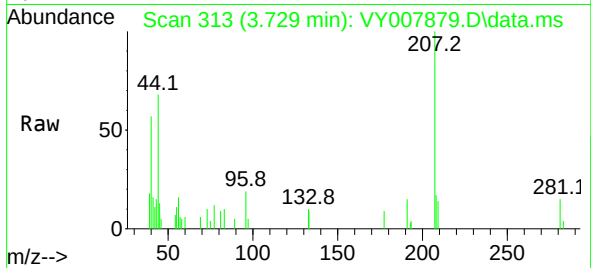




#13
Acrolein
Concen: 3.091 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

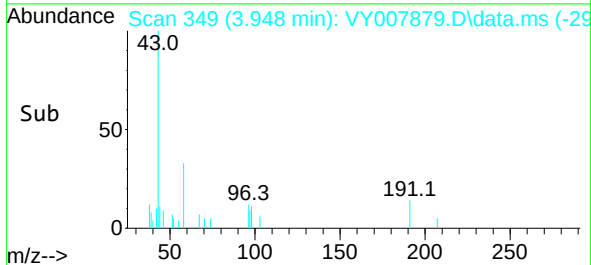
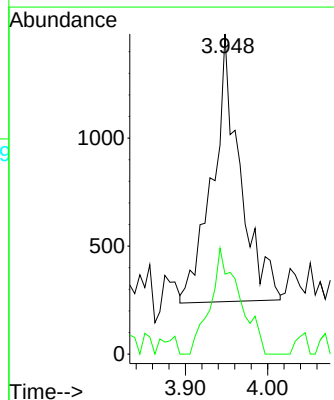
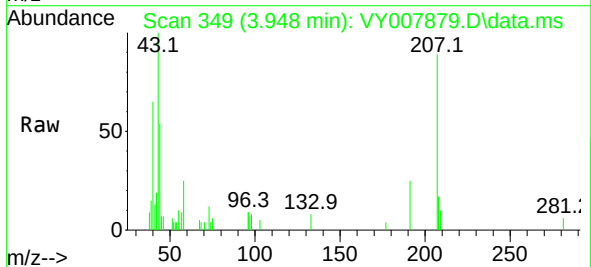
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

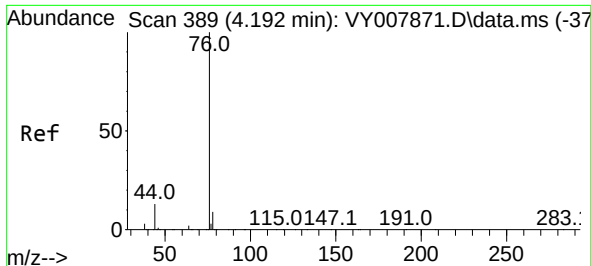
Tgt Ion: 56 Resp: 472
Ion Ratio Lower Upper
56 100
55 30.1 57.6 86.4#



#16
Acetone
Concen: 4.985 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0

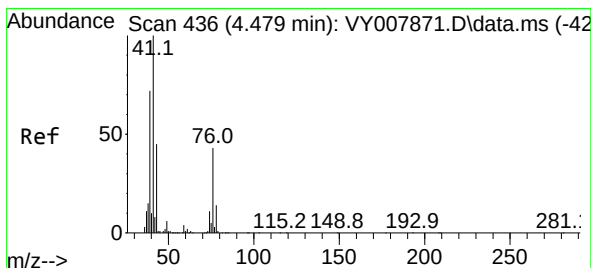
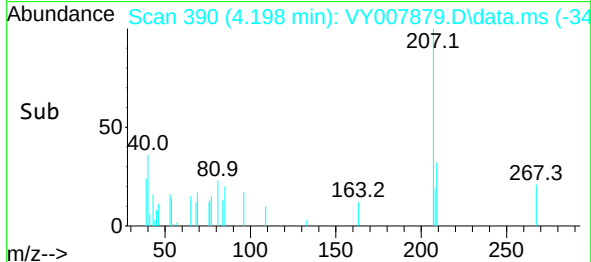
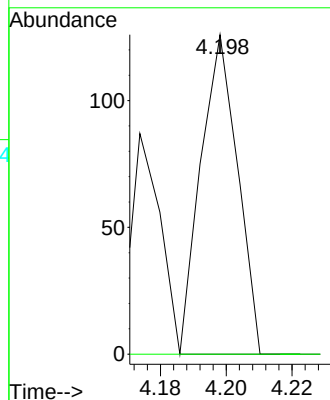
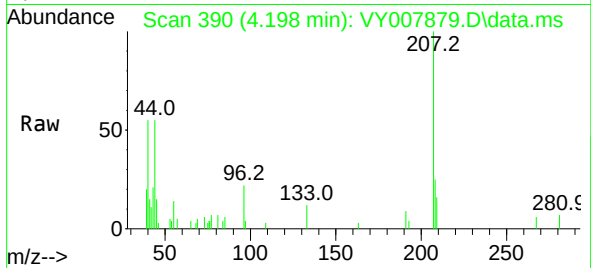




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

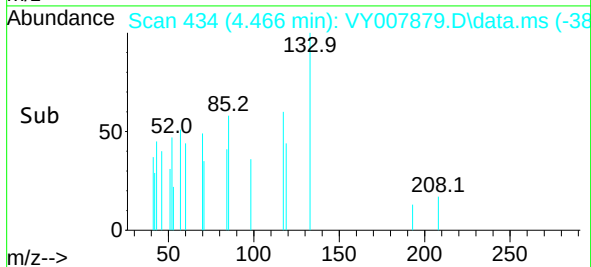
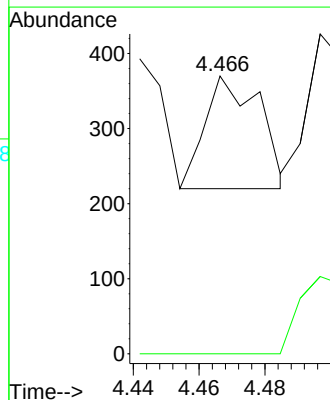
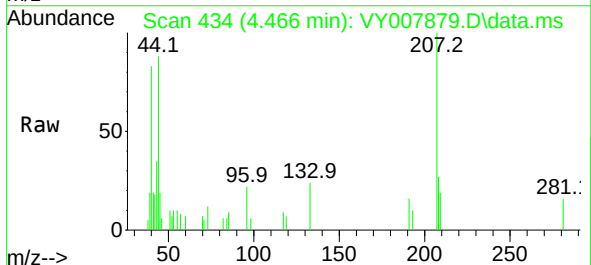
Instrument :
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ClientSampleId :
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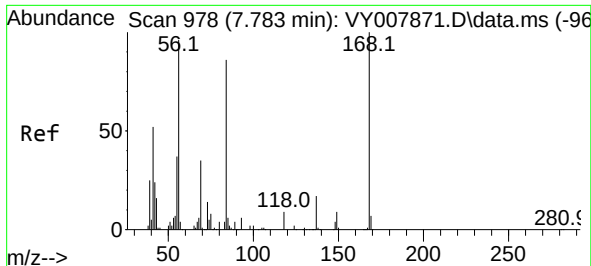
Tgt Ion: 76 Resp: 98
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

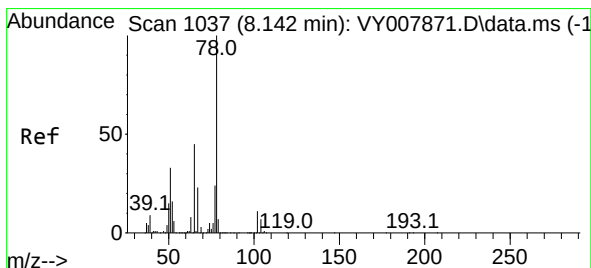
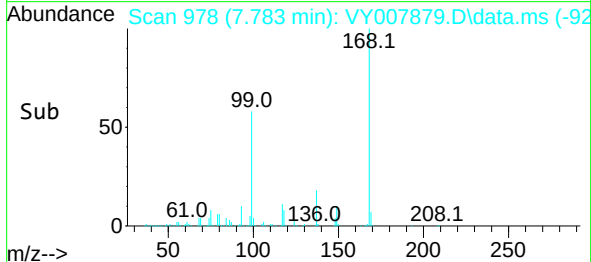
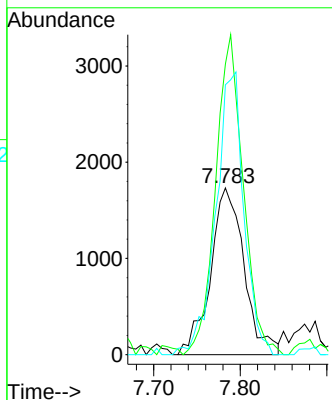
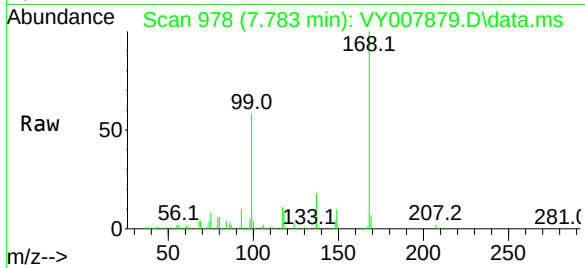




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

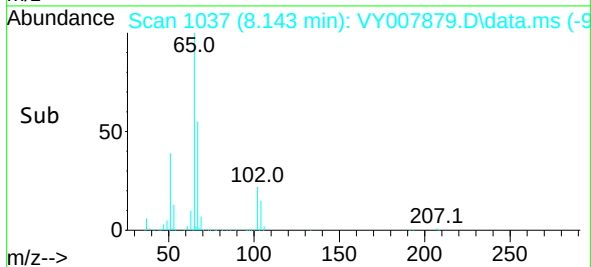
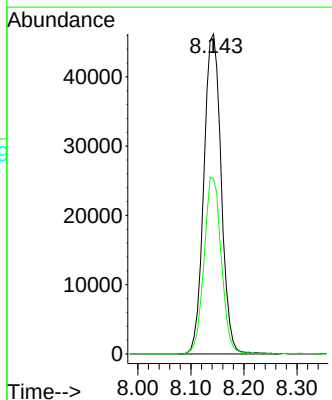
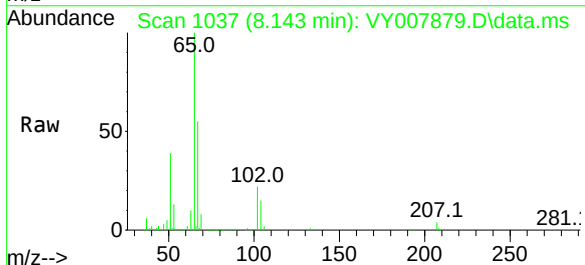
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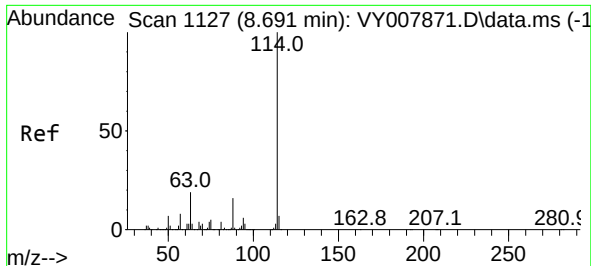
Tgt Ion: 56 Resp: 4675
Ion Ratio Lower Upper
56 100
69 171.0 26.7 40.1#
84 161.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.124 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 65 Resp: 104736
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4

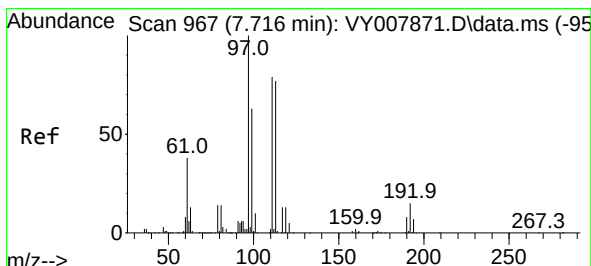
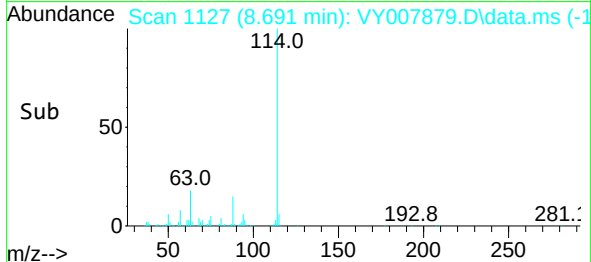
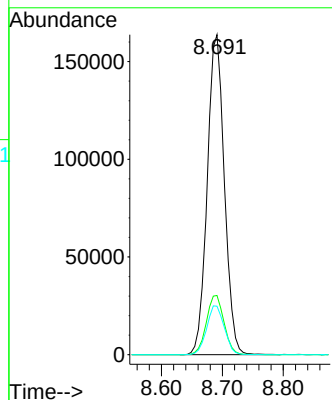
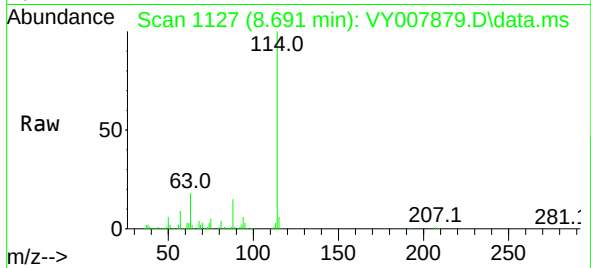




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

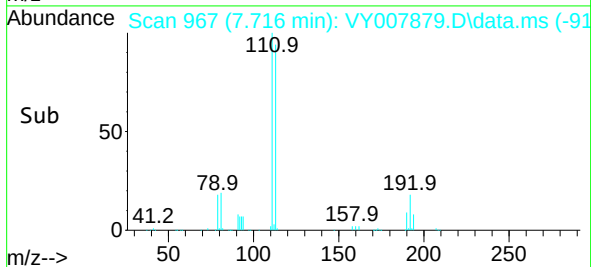
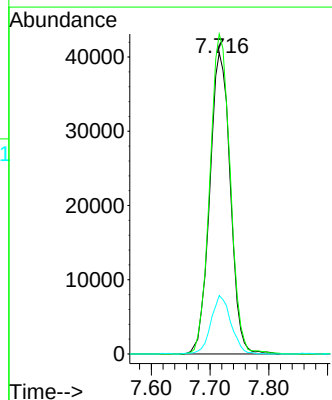
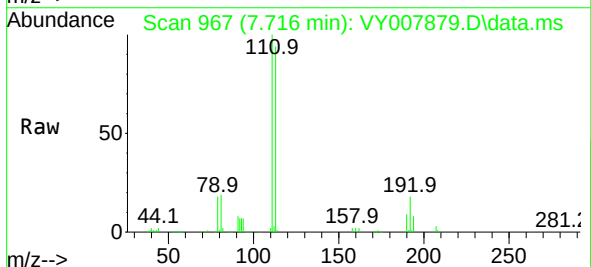
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

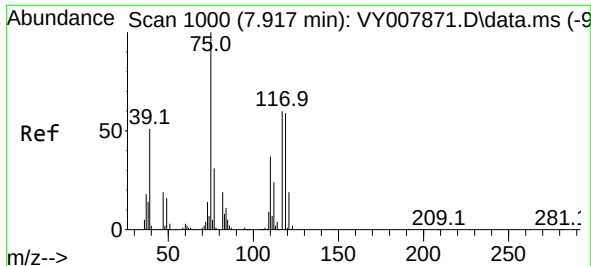
Tgt Ion:114 Resp: 319807
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.878 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion:113 Resp: 98549
Ion Ratio Lower Upper
113 100
111 105.4 82.6 124.0
192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.506 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007879.D

Acq: 17 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2B-BASE-01

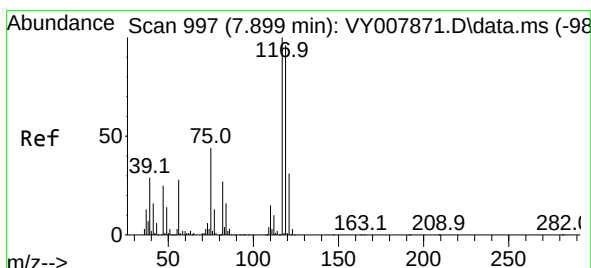
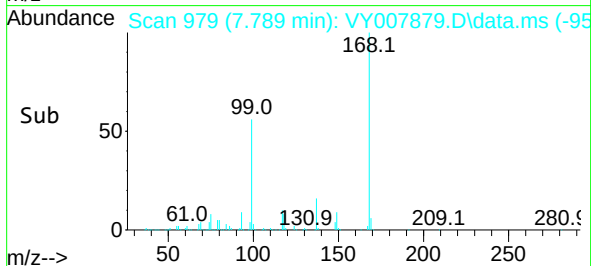
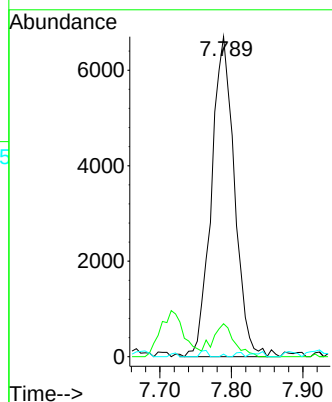
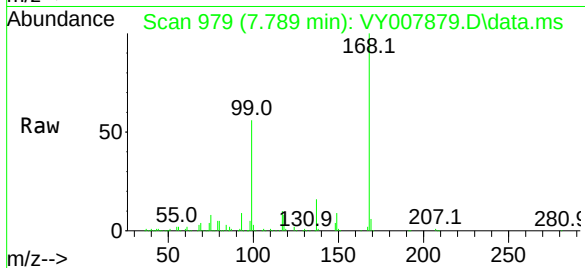
Tgt Ion: 75 Resp: 15011

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.399 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007879.D

Acq: 17 Mar 2022 17:06

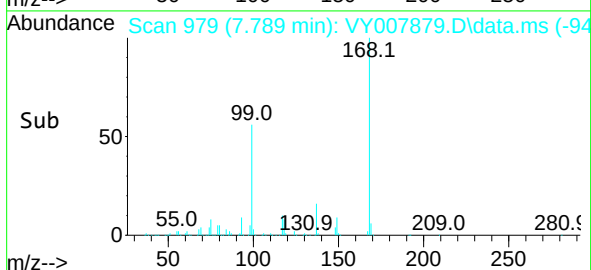
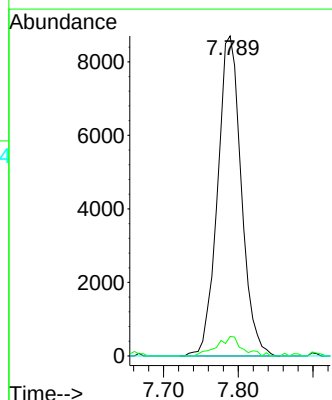
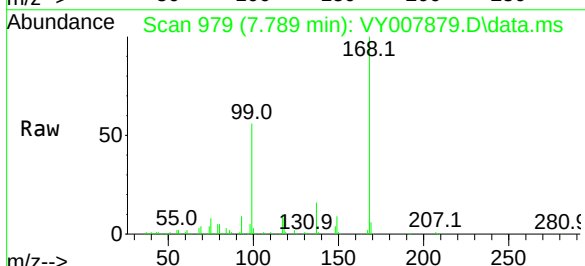
Tgt Ion: 117 Resp: 19217

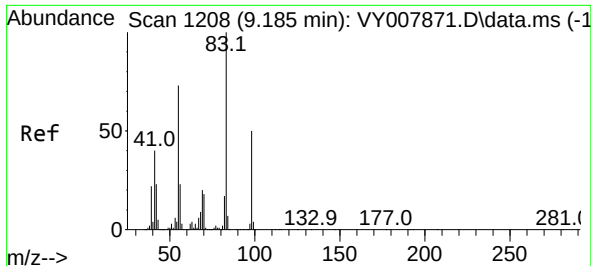
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

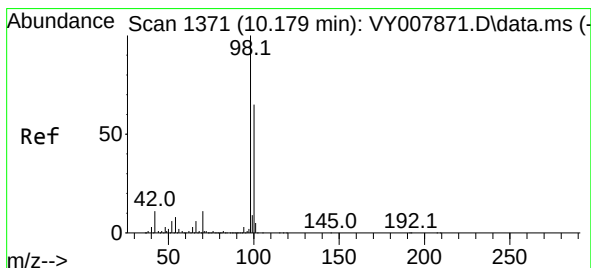
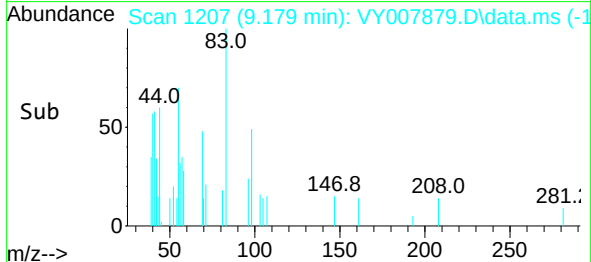
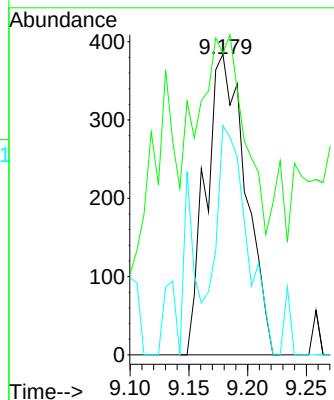
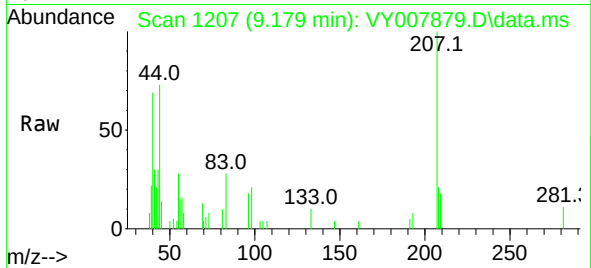




#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

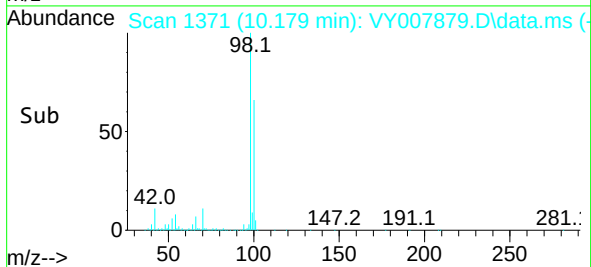
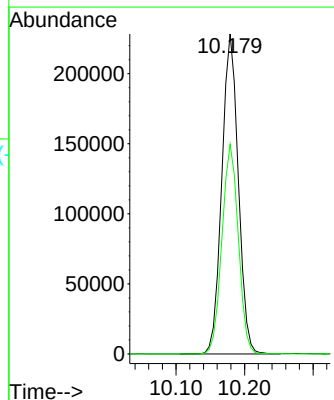
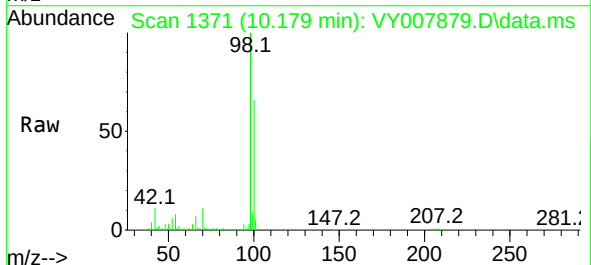
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

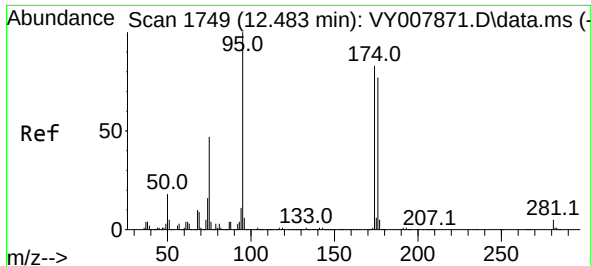
Tgt Ion: 83 Resp: 906
Ion Ratio Lower Upper
83 100
55 44.8 66.5 99.7#
98 76.3 37.9 56.9#



#50
Toluene-d8
Concen: 56.814 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 98 Resp: 379834
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

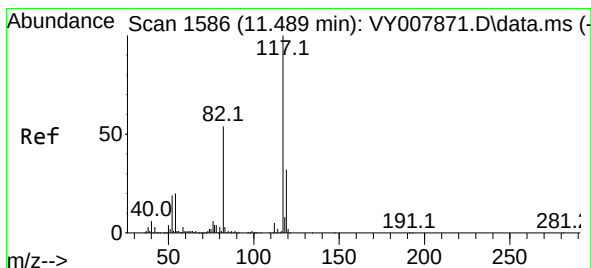
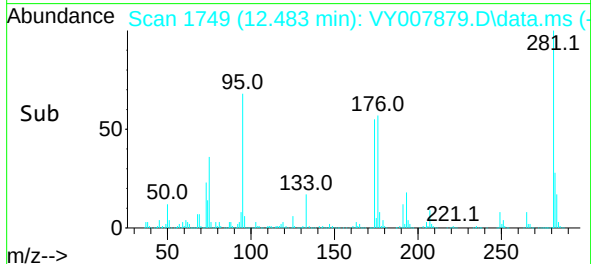
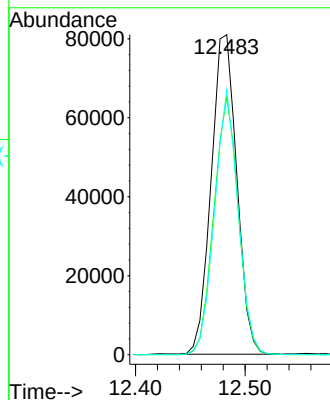
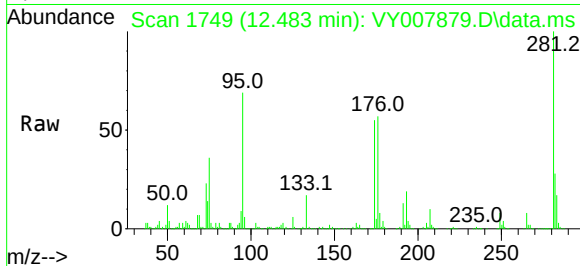




#62
4-Bromofluorobenzene
Concen: 40.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

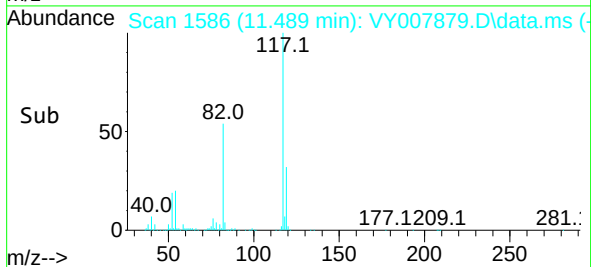
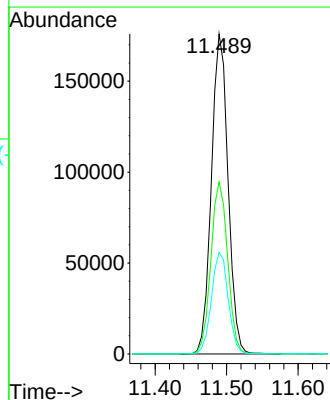
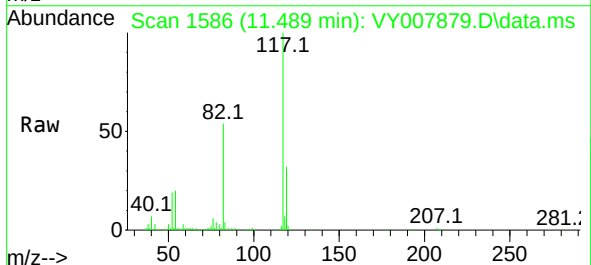
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

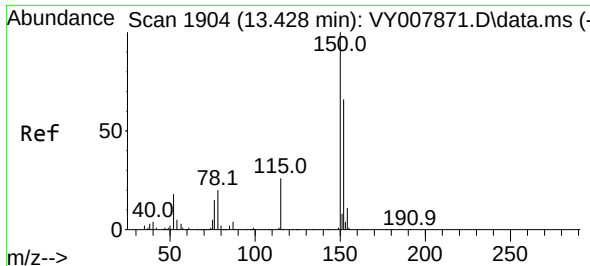
Tgt Ion: 95 Resp: 131266
Ion Ratio Lower Upper
95 100
174 77.0 0.0 177.0
176 76.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007879.D
Acq: 17 Mar 2022 17:06

Tgt Ion: 117 Resp: 284210
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 25.4 38.0

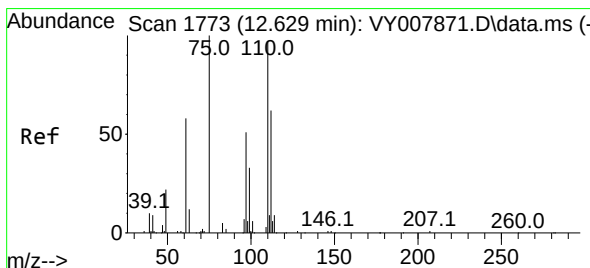
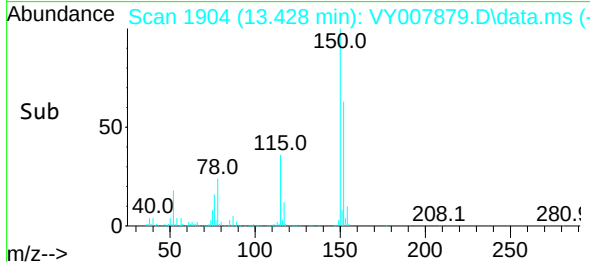
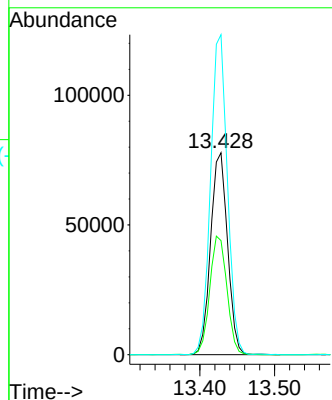
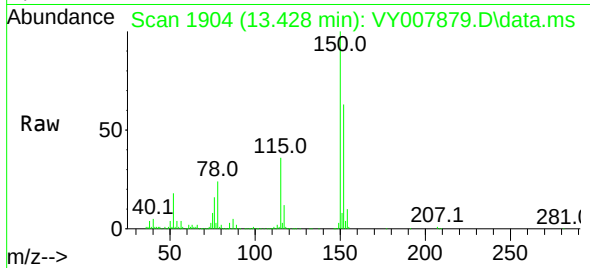




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007879.D
 Acq: 17 Mar 2022 17:06

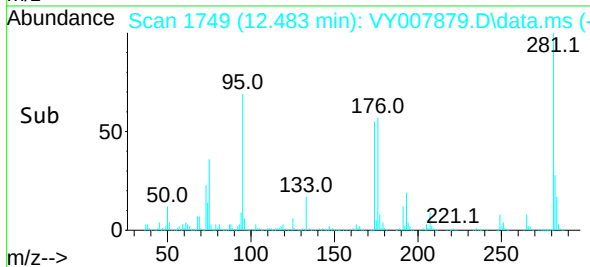
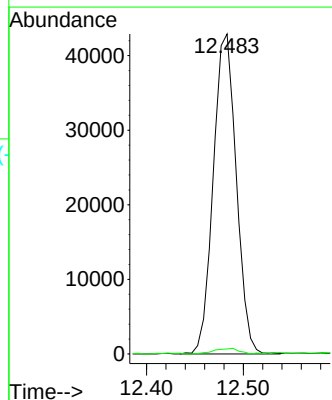
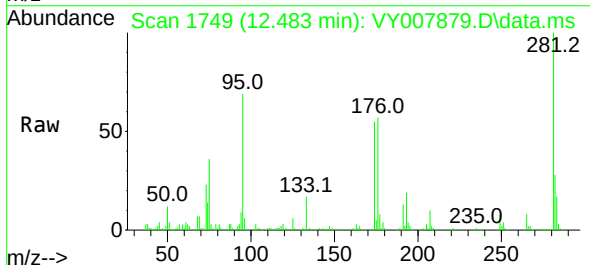
Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2B-BASE-01

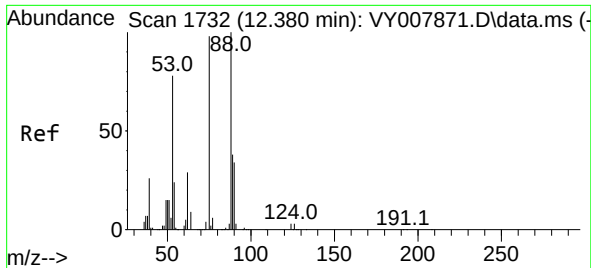
Tgt Ion:152 Resp: 122989
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.399 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007879.D
 Acq: 17 Mar 2022 17:06

Tgt Ion: 75 Resp: 70819
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.853 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007879.D
 Acq: 17 Mar 2022 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2B-BASE-01

Tgt Ion: 75 Resp: 70819
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 3.0 37.0 55.4#

