

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007907.D
 Acq On : 18 Mar 2022 17:07
 Operator : SY/MD
 Sample : N1951-01
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-27-(22-25)-3-12-22

Quant Time: Mar 19 01:37:30 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)

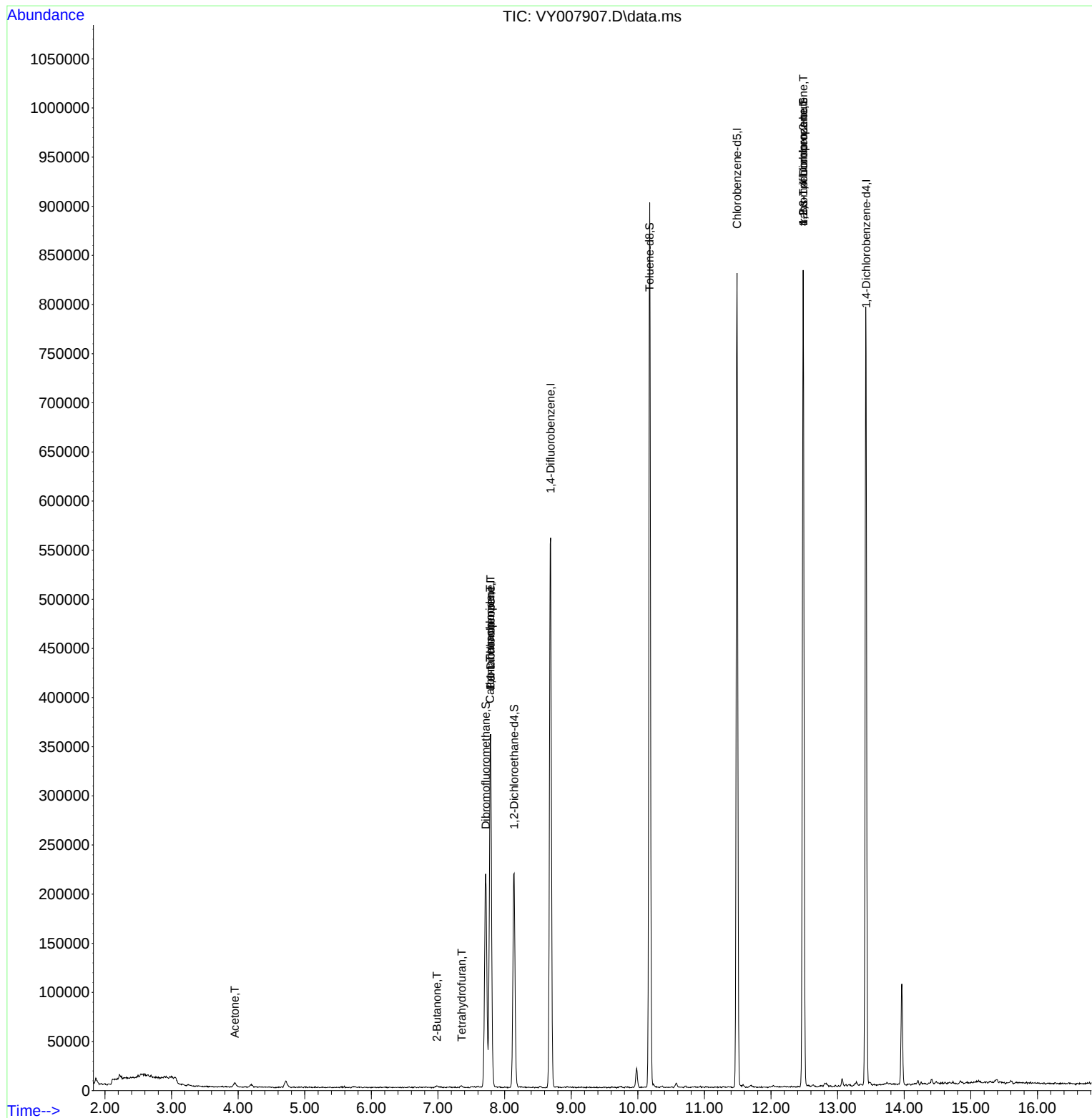
Internal Standards						
1) Pentafluorobenzene	7.789	168	273633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	498259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	457839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	167142	53.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.140%			
35) Dibromofluoromethane	7.716	113	157138	44.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.820%			
50) Toluene-d8	10.179	98	605122	58.240	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.480%			
62) 4-Bromofluorobenzene	12.483	95	209944	41.804	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	89	Below Cal	#	43
3) Chloromethane	2.113	50	1042	Below Cal	#	77
4) Vinyl Chloride	2.272	62	250	Below Cal	#	71
5) Bromomethane	2.662	94	362	Below Cal	#	24
16) Acetone	3.948	43	7909	9.556	ug/l	97
17) Carbon Disulfide	4.198	76	4898	Below Cal	#	92
18) Methyl Acetate	4.460	43	255	Below Cal	#	56
20) Methylene Chloride	4.722	84	4558	Below Cal	#	76
25) 2-Butanone	6.984	43	1447	1.091	ug/l	96
29) Tetrahydrofuran	7.356	42	1478	1.740	ug/l	100
31) Cyclohexane	7.783	56	6203	Below Cal	#	20
36) 1,1-Dichloropropene	7.789	75	22197	4.277	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28204	5.086	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	109261	39.419	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109261	82.796	ug/l #	8

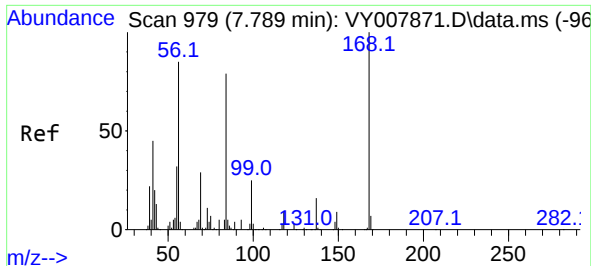
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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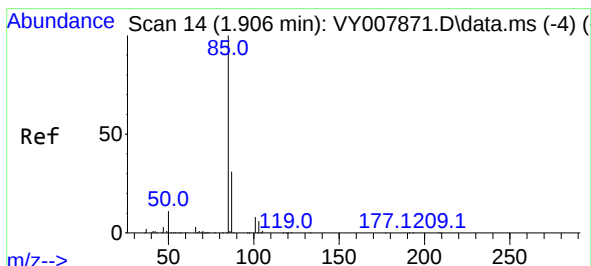
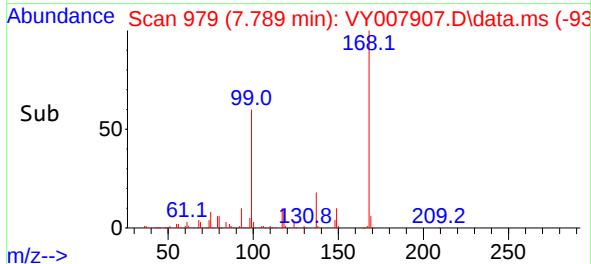
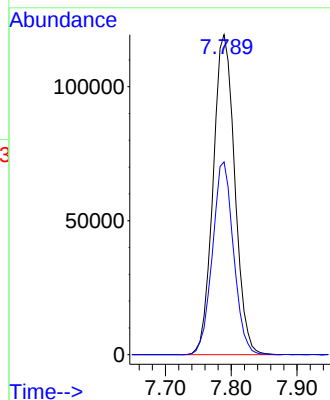
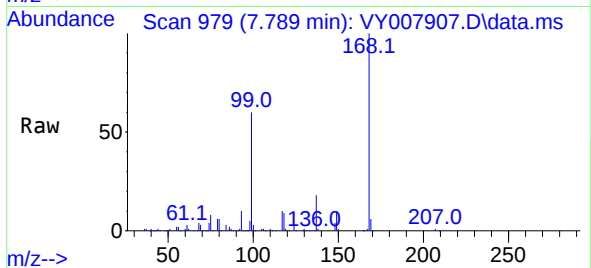




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

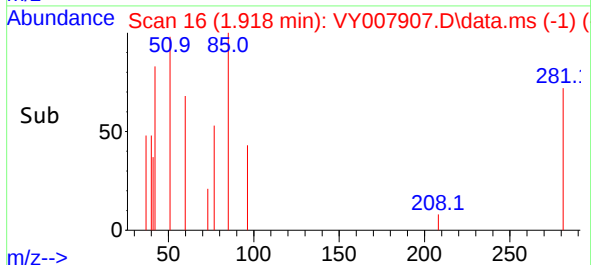
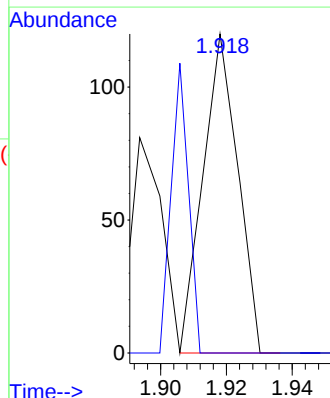
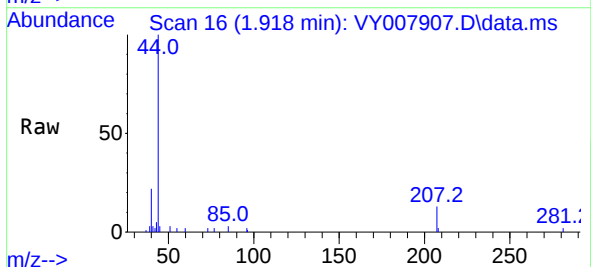
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

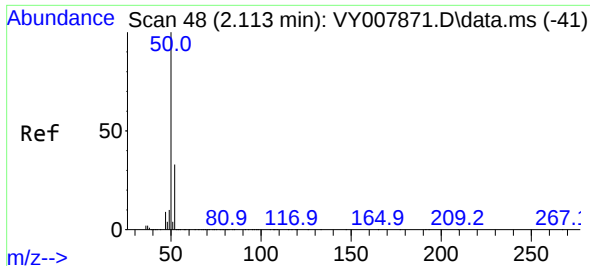
Tgt Ion:168 Resp: 273633
Ion Ratio Lower Upper
168 100
99 60.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

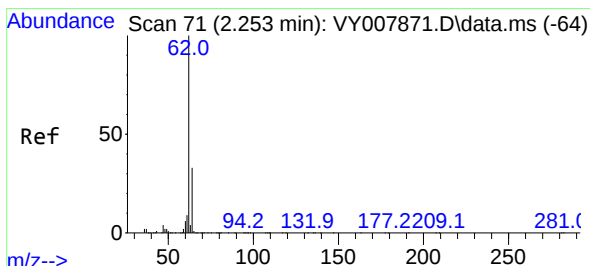
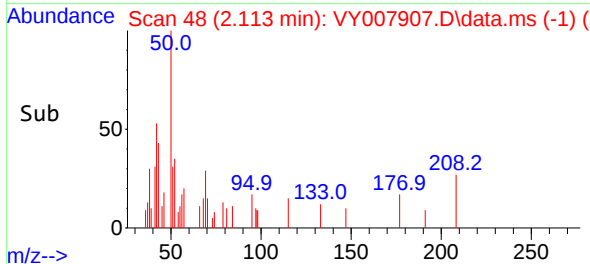
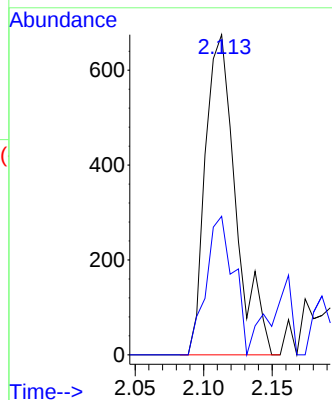
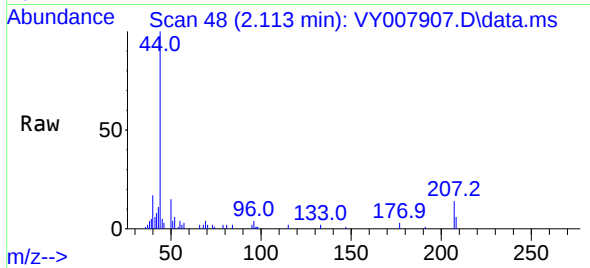




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

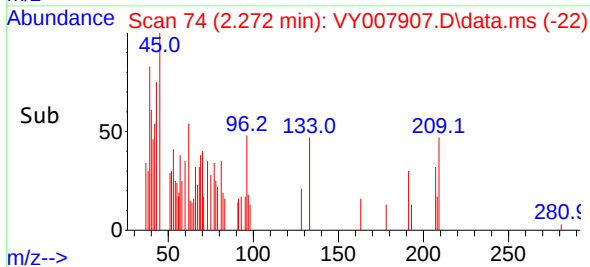
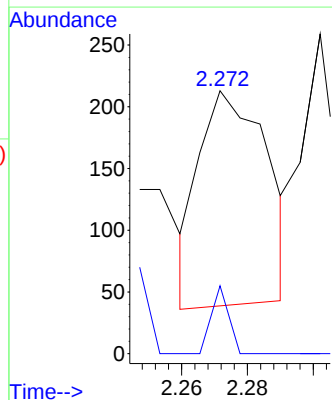
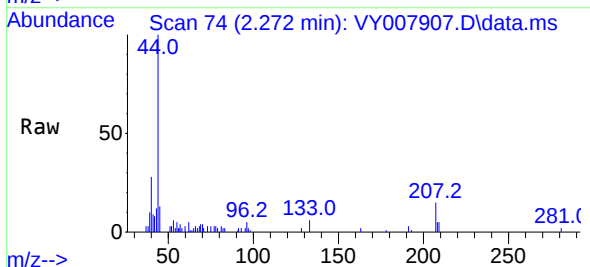
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

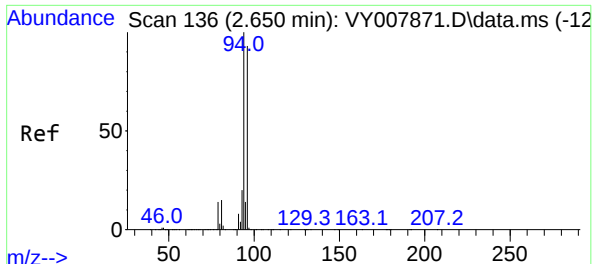
Tgt Ion: 50 Resp: 1042
Ion Ratio Lower Upper
50 100
52 43.3 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.272 min Scan# 74
Delta R.T. 0.018 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 62 Resp: 250
Ion Ratio Lower Upper
62 100
64 47.4 25.0 37.6#

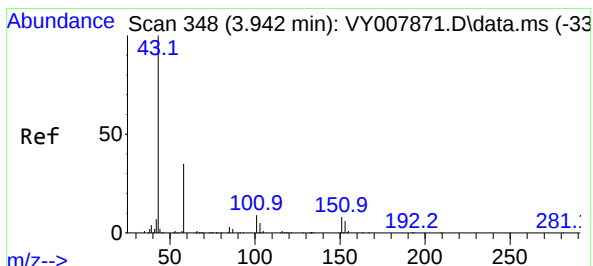
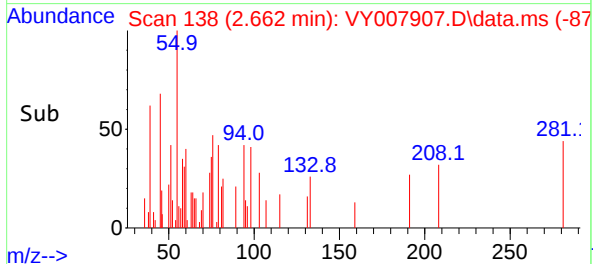
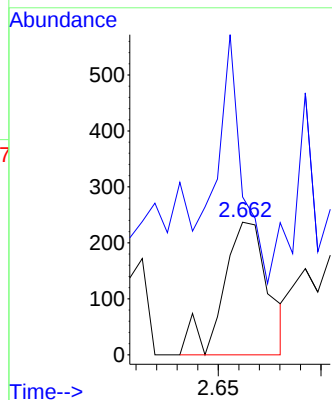
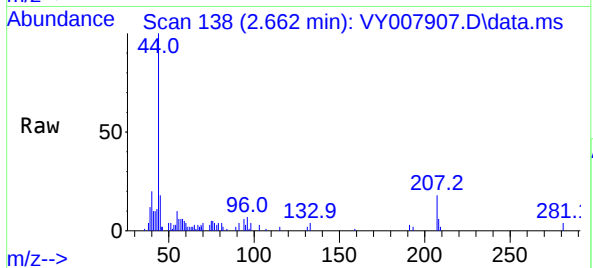




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

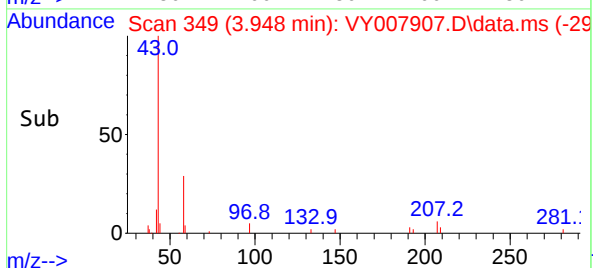
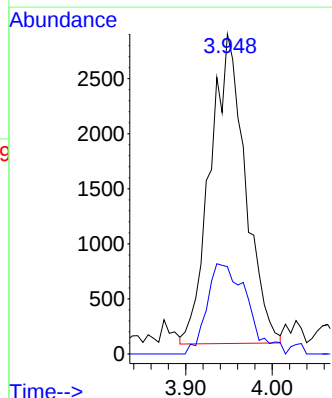
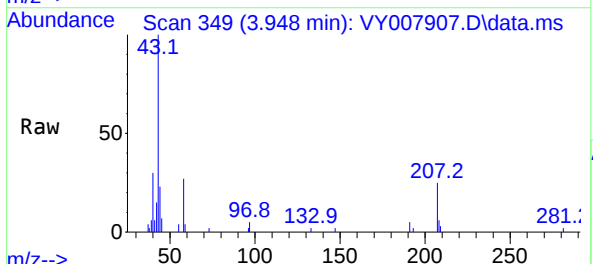
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

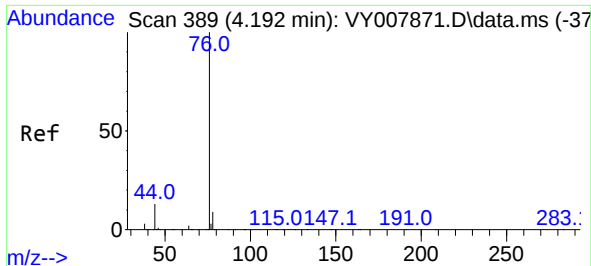
Tgt Ion: 94 Resp: 362
Ion Ratio Lower Upper
94 100
96 19.4 73.5 110.3#



#16
Acetone
Concen: 9.556 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 43 Resp: 7909
Ion Ratio Lower Upper
43 100
58 28.8 22.0 33.0

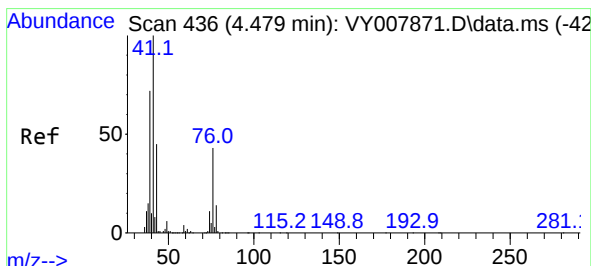
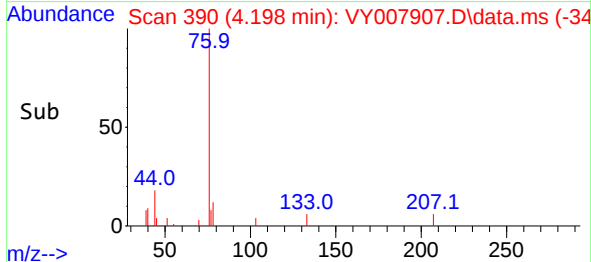
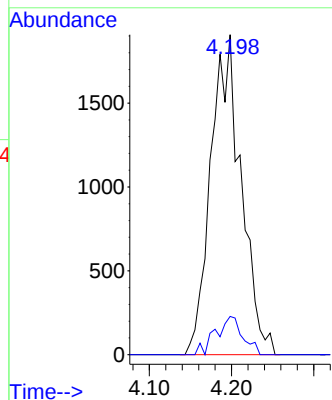
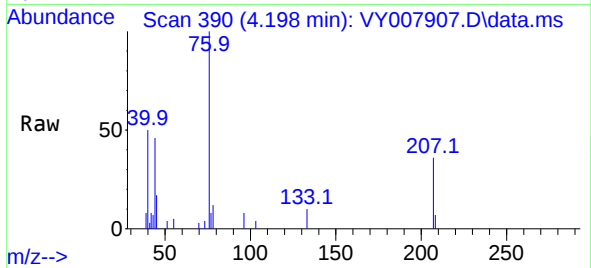




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

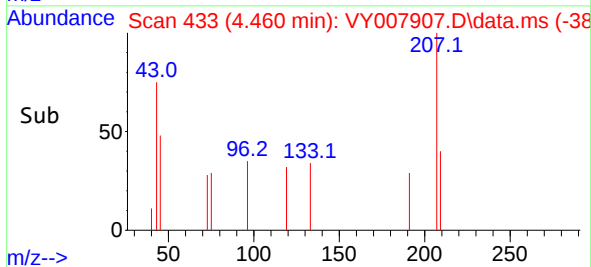
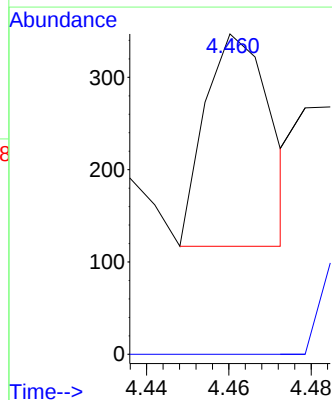
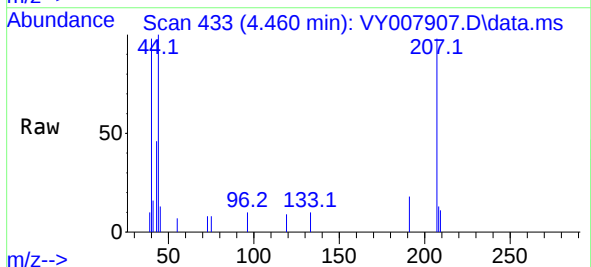
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

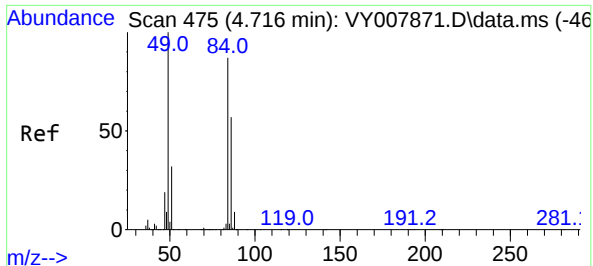
Tgt Ion: 76 Resp: 4898
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.013 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

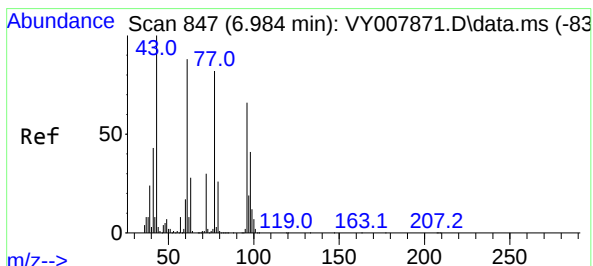
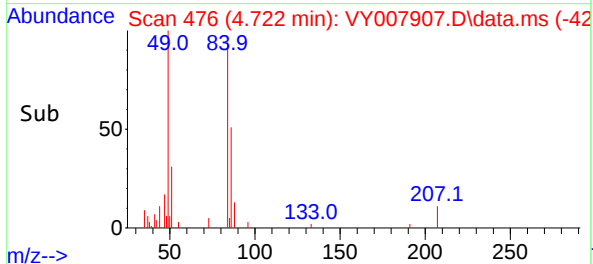
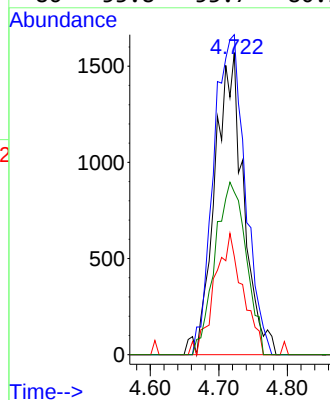
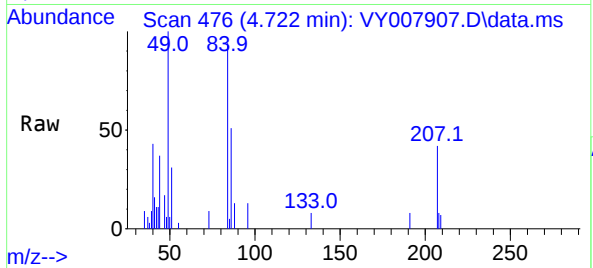




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

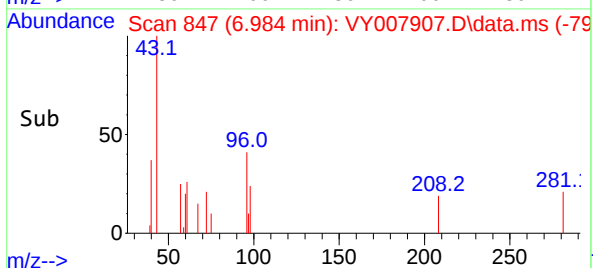
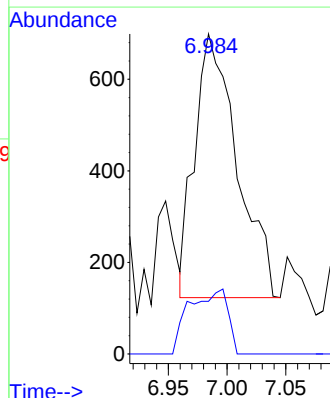
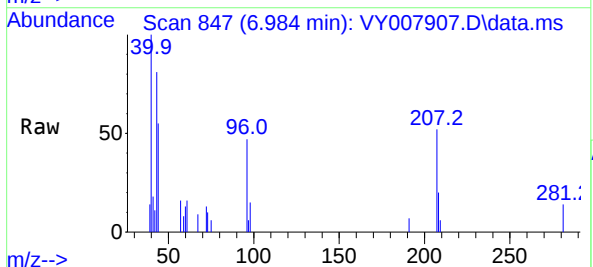
Instrument :
MSVOA_Y
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DB-27-(22-25)-3-12-22

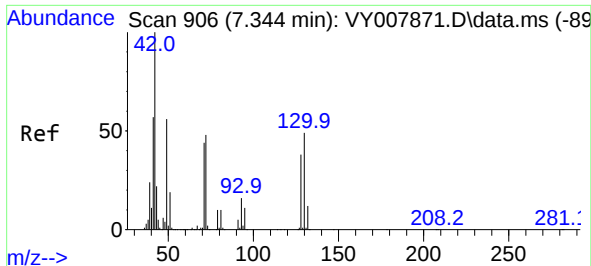
Tgt Ion: 84 Resp: 4558
Ion Ratio Lower Upper
84 100
49 105.9 114.4 171.6#
51 32.5 35.3 52.9#
86 53.8 53.7 80.5



#25
2-Butanone
Concen: 1.091 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
72 20.0 17.7 26.5





#29

Tetrahydrofuran

Concen: 1.740 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY007907.D

Acq: 18 Mar 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

DB-27-(22-25)-3-12-22

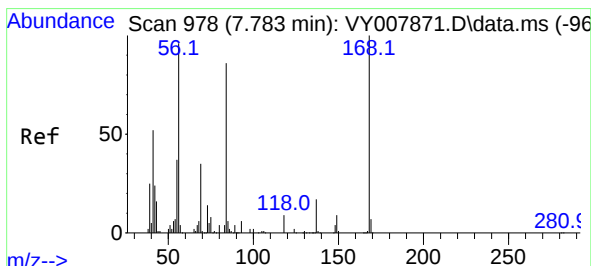
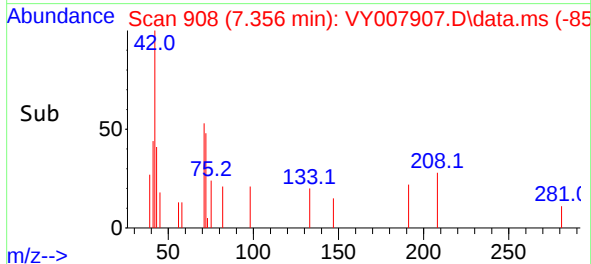
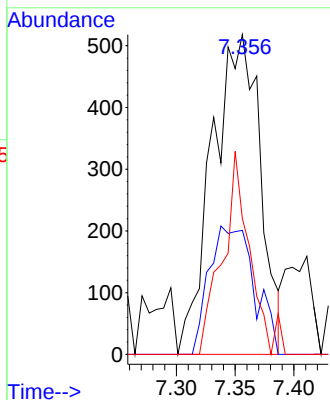
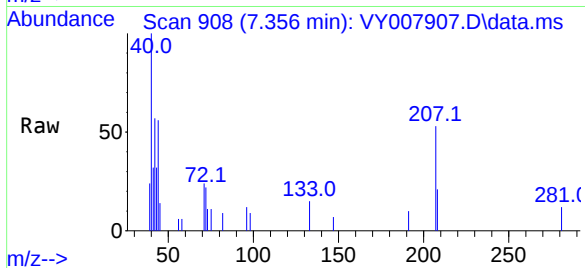
Tgt Ion: 42 Resp: 1478

Ion Ratio Lower Upper

42 100

72 37.6 30.3 45.5

71 36.2 29.0 43.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007907.D

Acq: 18 Mar 2022 17:07

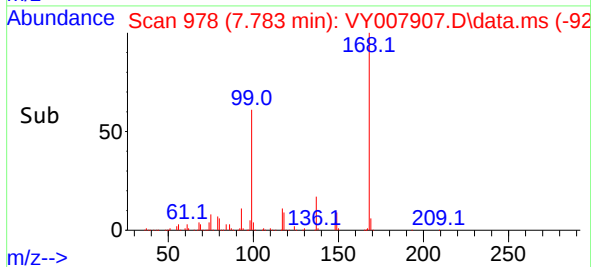
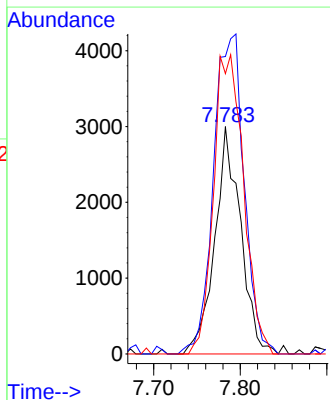
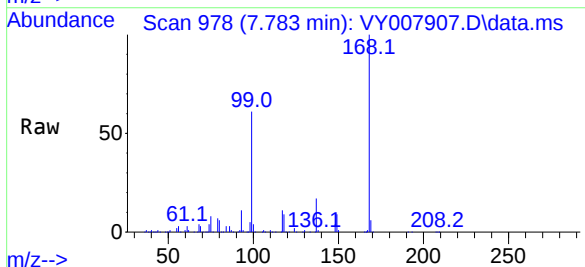
Tgt Ion: 56 Resp: 6203

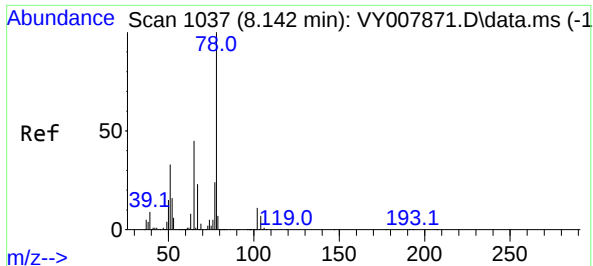
Ion Ratio Lower Upper

56 100

69 130.8 26.7 40.1#

84 123.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.572 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007907.D

Acq: 18 Mar 2022 17:07

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ClientSampleId :

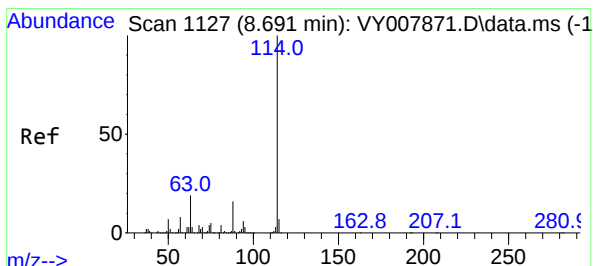
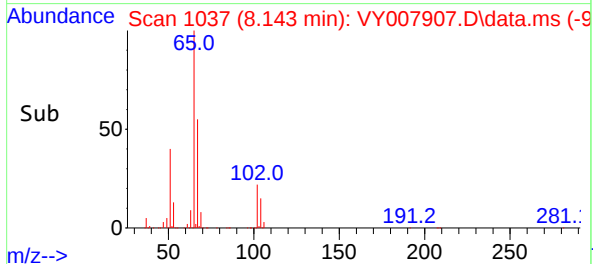
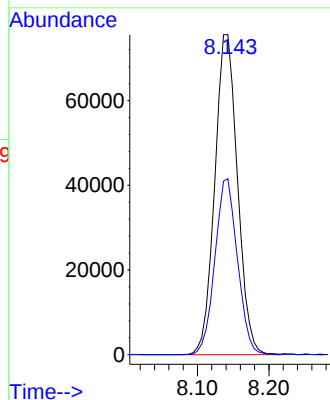
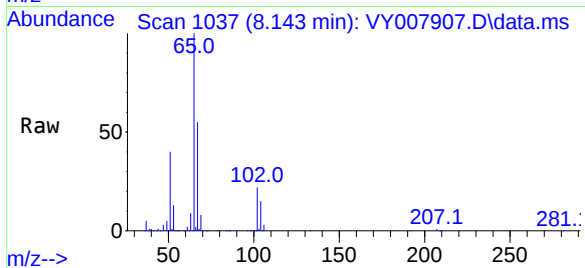
DB-27-(22-25)-3-12-22

Tgt Ion: 65 Resp: 167142

Ion Ratio Lower Upper

65 100

67 54.4 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: VY007907.D

Acq: 18 Mar 2022 17:07

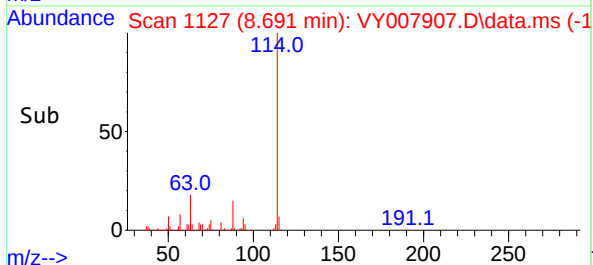
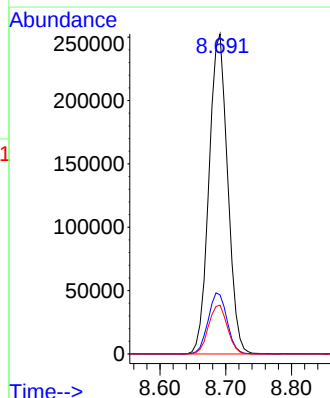
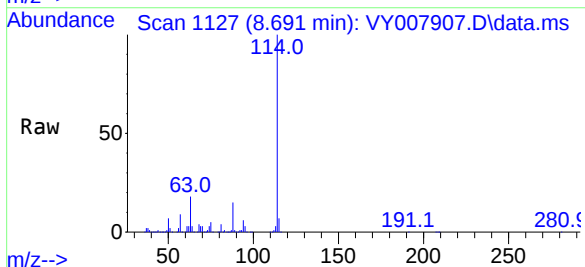
Tgt Ion: 114 Resp: 498259

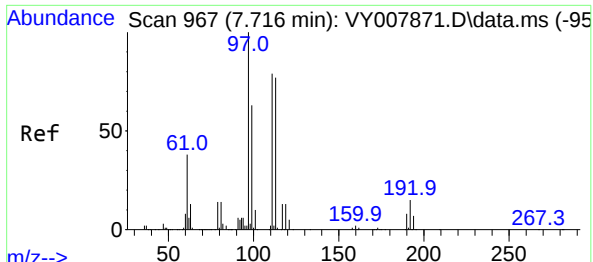
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.3 0.0 31.8

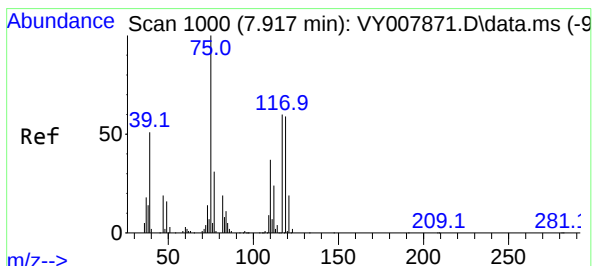
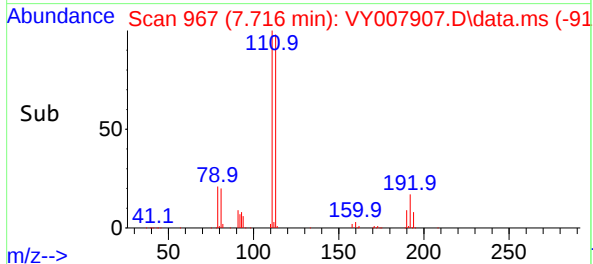
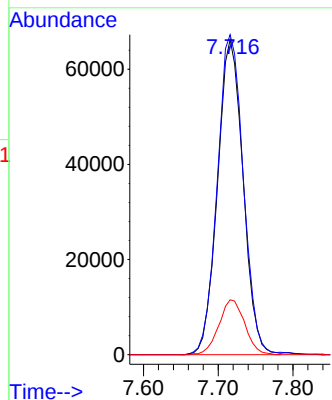
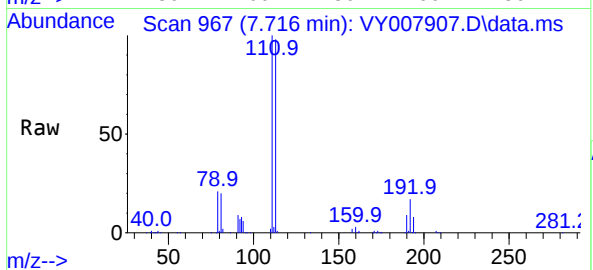




#35
Dibromofluoromethane
Concen: 44.906 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

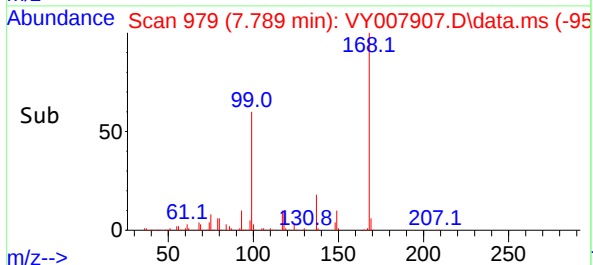
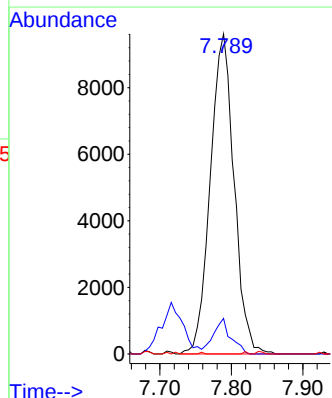
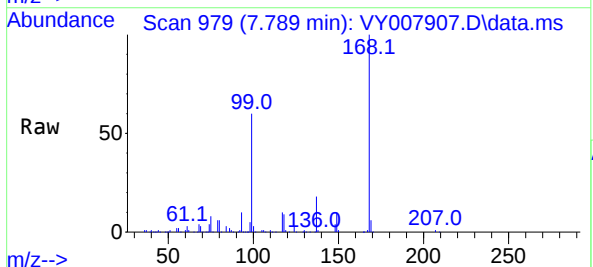
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

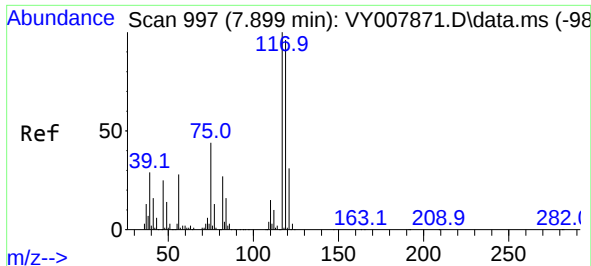
Tgt Ion:113 Resp: 157138
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 75 Resp: 22197
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

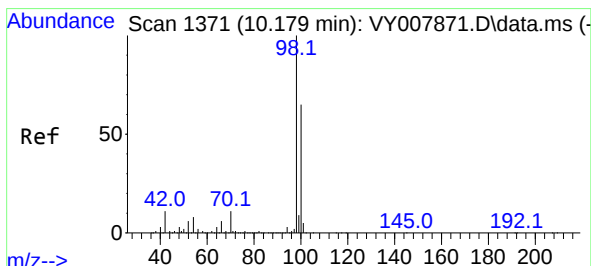
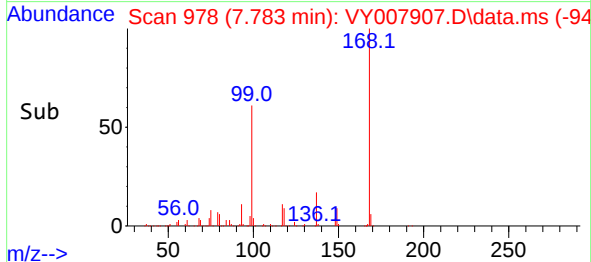
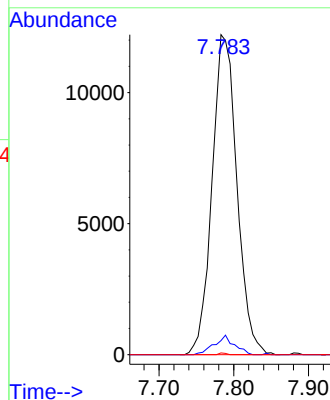
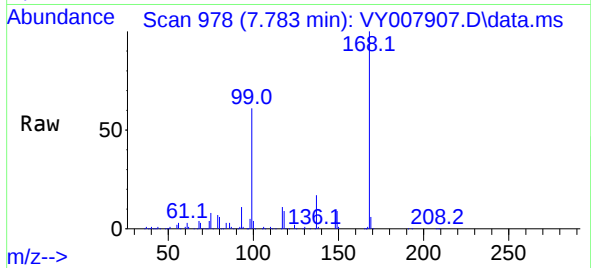




#38
Carbon Tetrachloride
Concen: 5.086 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

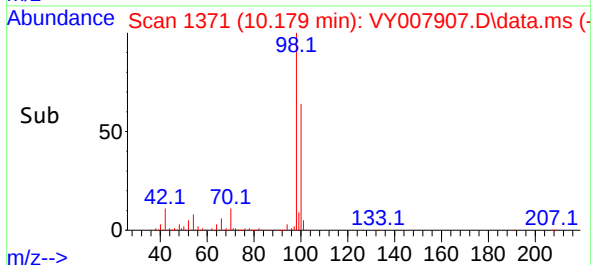
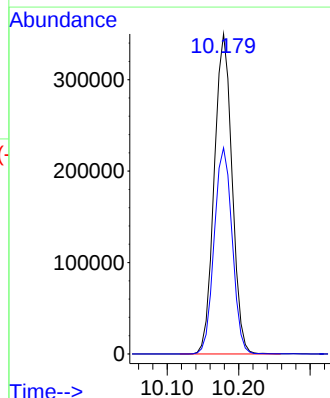
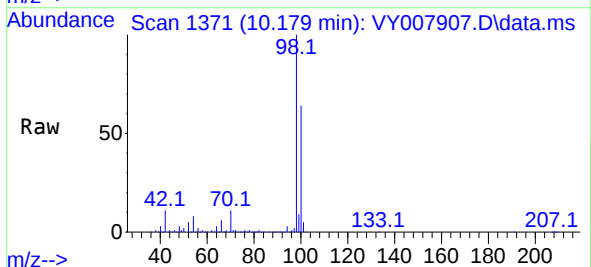
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

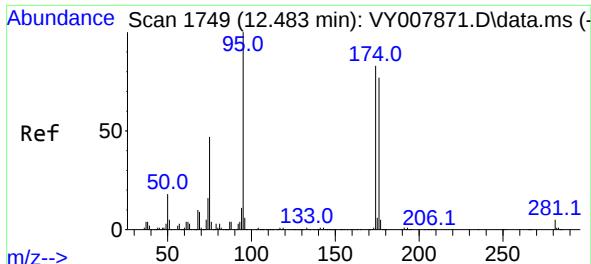
Tgt Ion:117 Resp: 28204
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.6 24.8 37.2#



#50
Toluene-d8
Concen: 58.240 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion: 98 Resp: 605122
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

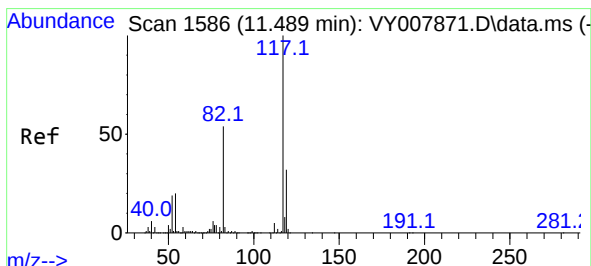
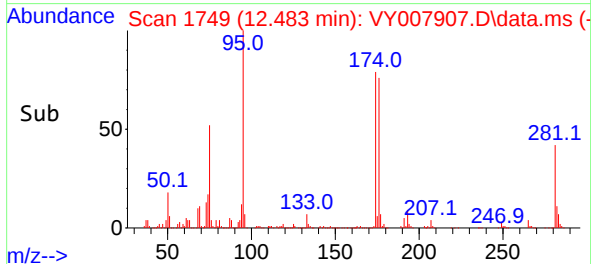
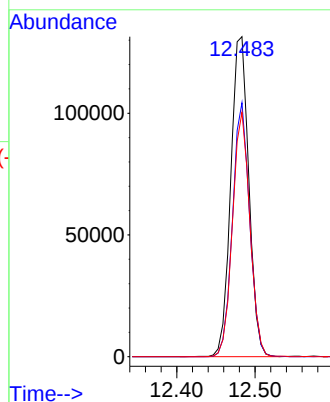
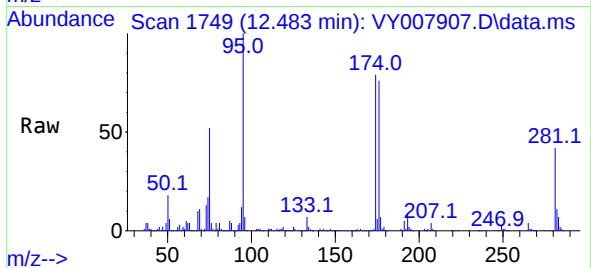




#62
4-Bromofluorobenzene
Concen: 41.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

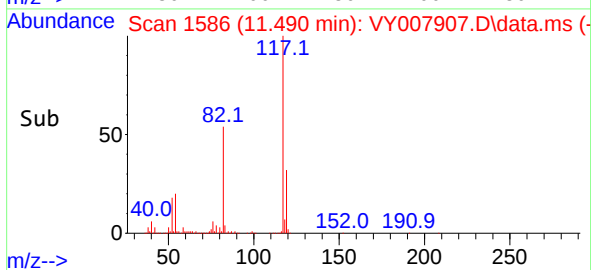
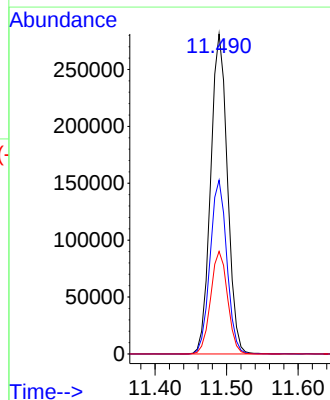
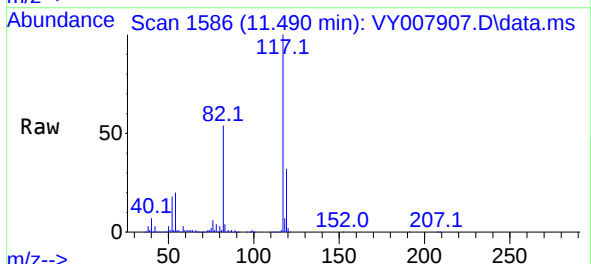
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(22-25)-3-12-22

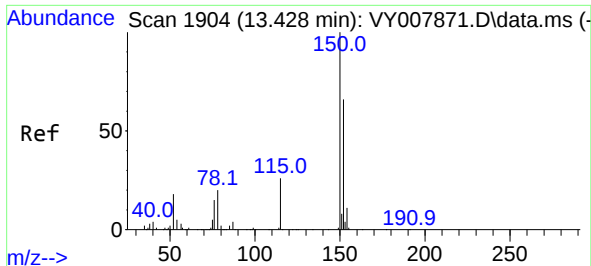
Tgt Ion:	95	Resp:	209944
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	177.0
176	73.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

Tgt Ion:	117	Resp:	457839
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	32.0	25.4	38.0

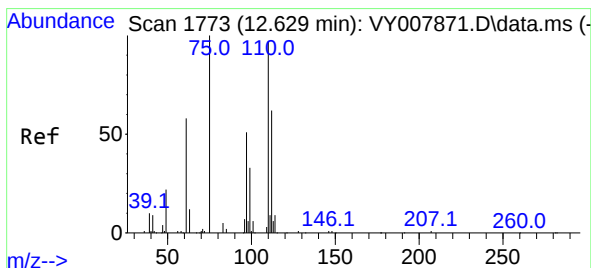
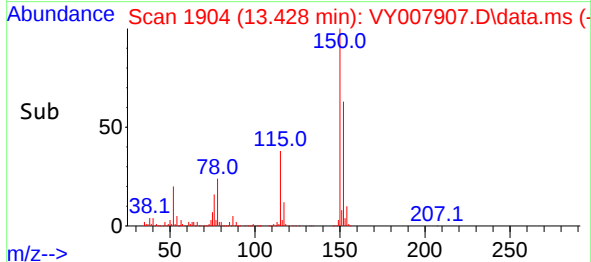
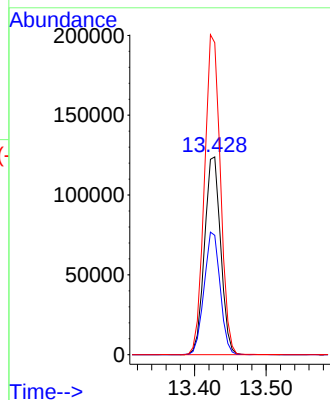
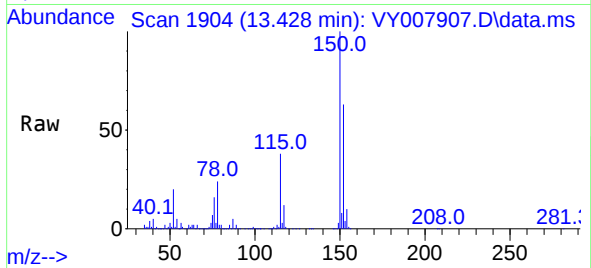




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

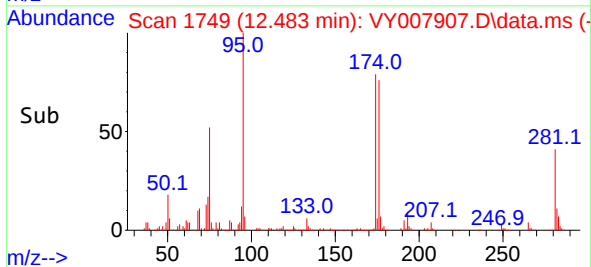
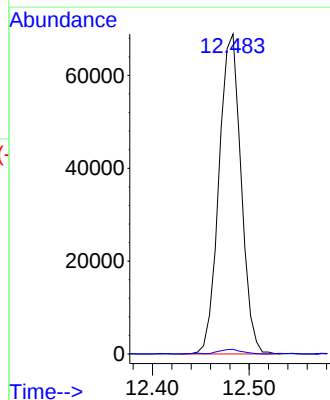
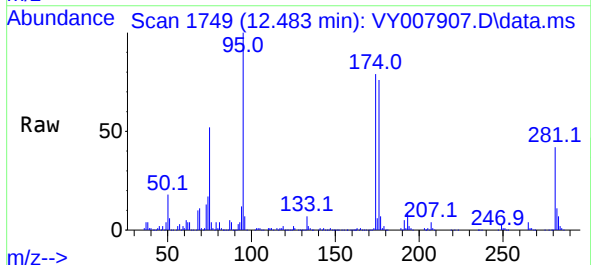
Instrument : MSVOA_Y
ClientSampleId : DB-27-(22-25)-3-12-22

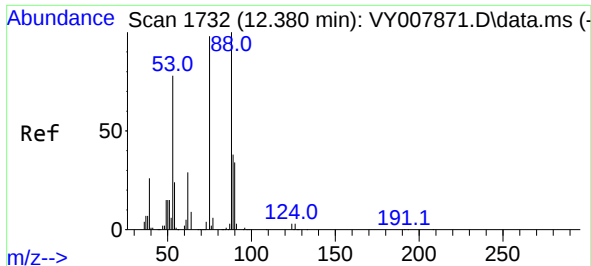
Tgt Ion:152 Resp: 194465
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 159.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007907.D
Acq: 18 Mar 2022 17:07

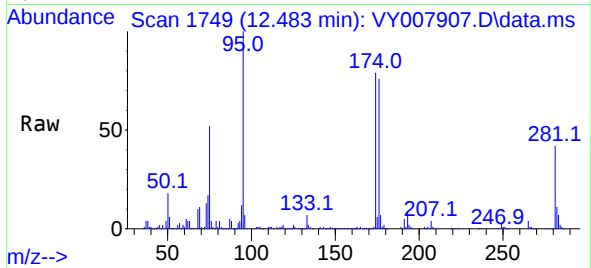
Tgt Ion: 75 Resp: 109261
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.796 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007907.D
 Acq: 18 Mar 2022 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-27-(22-25)-3-12-22



Tgt Ion: 75 Resp: 109261
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.9 37.0 55.4#

