

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008328.D
 Acq On : 14 Apr 2022 15:26
 Operator : KP/MD
 Sample : N2349-15RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-8RE

Quant Time: Apr 15 06:14:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

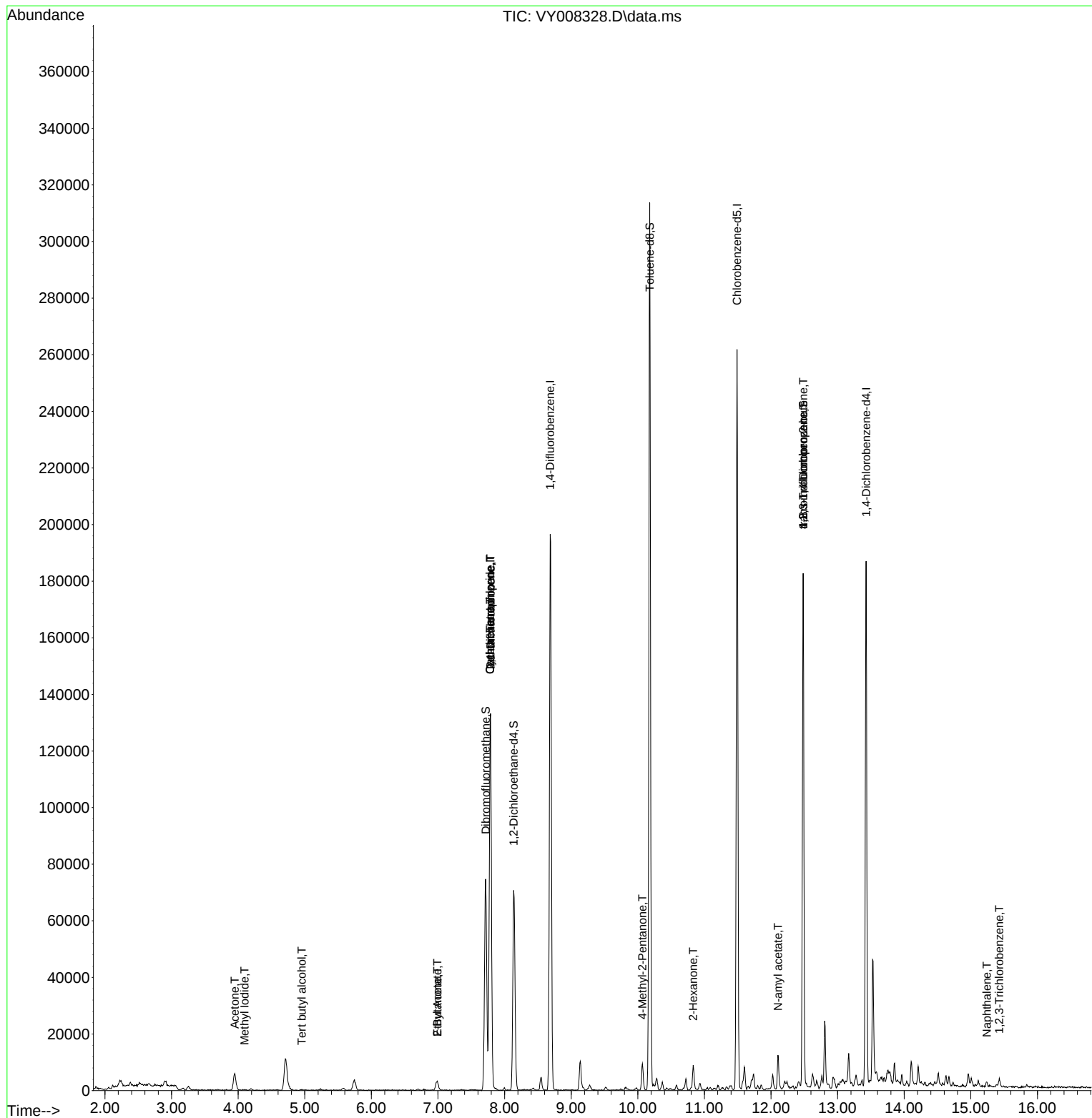
Internal Standards						
1) Pentafluorobenzene	7.789	168	104382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	177739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53112	54.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.716	113	52909	51.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.179	98	205503	58.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.000%	
62) 4-Bromofluorobenzene	12.483	95	54610	41.332	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	205	Below Cal		95
5) Bromomethane	2.656	94	439	Below Cal	#	76
10) Methyl Iodide	4.094	142	357	2.656 ug/l	#	48
11) Tert butyl alcohol	4.954	59	303	2.891 ug/l	#	77
16) Acetone	3.948	43	10500	44.524 ug/l	#	84
18) Methyl Acetate	4.478	43	552	Below Cal	#	56
20) Methylene Chloride	4.704	84	8755	Below Cal	#	78
25) 2-Butanone	6.990	43	5950	16.135 ug/l	#	80
31) Cyclohexane	7.783	56	2352	1.327 ug/l	#	1
36) 1,1-Dichloropropene	7.789	75	7722	4.710 ug/l	#	51
37) Ethyl Acetate	6.990	43	5950	7.039 ug/l	#	72
38) Carbon Tetrachloride	7.783	117	10360	5.874 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.069	43	6241	7.704 ug/l		90
59) 2-Hexanone	10.831	43	5799	10.404 ug/l		86
74) N-amyl acetate	12.105	43	6829	9.266 ug/l	#	56
76) 1,2,3-Trichloropropane	12.483	75	28952	57.333 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28952	128.281 ug/l	#	7
95) Naphthalene	15.239	128	2082	1.121 ug/l		97
96) 1,2,3-Trichlorobenzene	15.428	180	759	1.000 ug/l		93

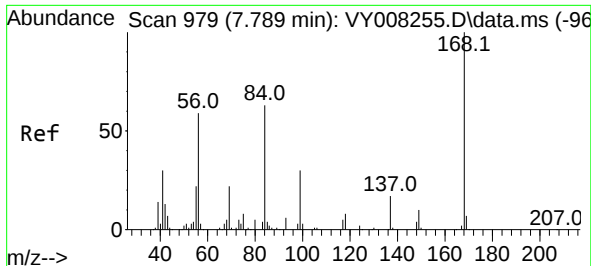
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

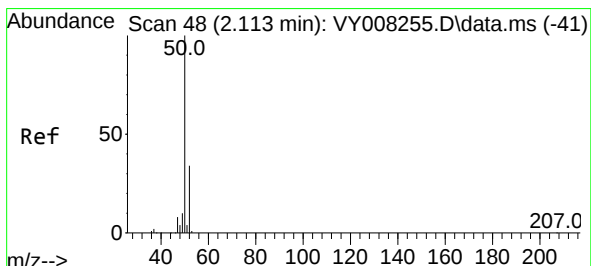
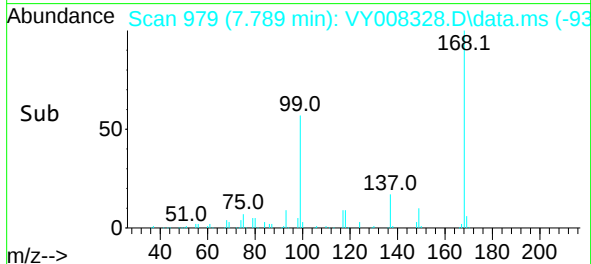
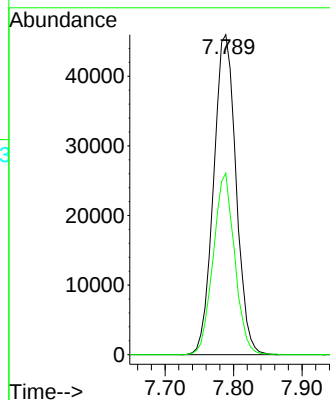
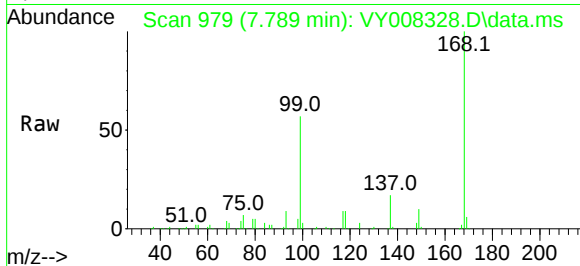




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

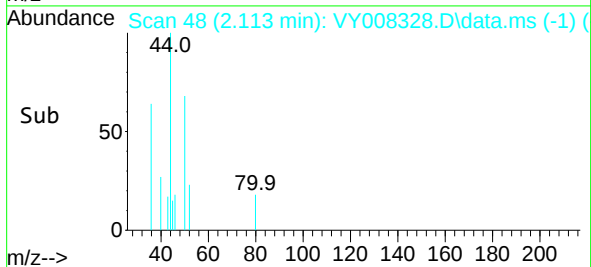
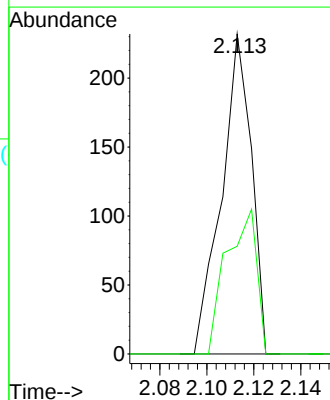
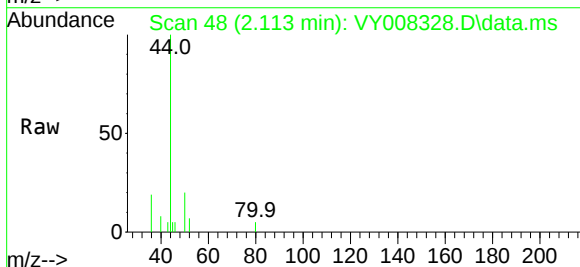
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

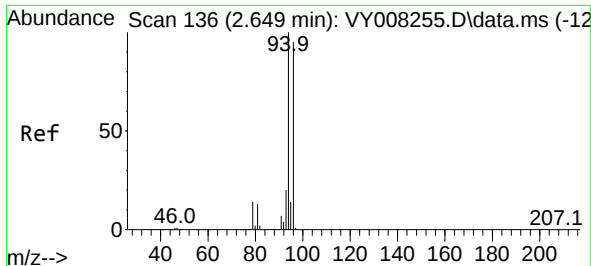
Tgt Ion:168 Resp: 104382
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 50 Resp: 205
Ion Ratio Lower Upper
50 100
52 33.6 24.6 37.0

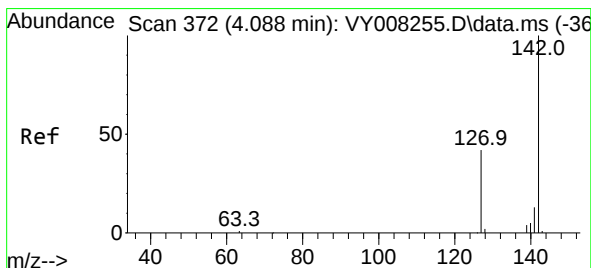
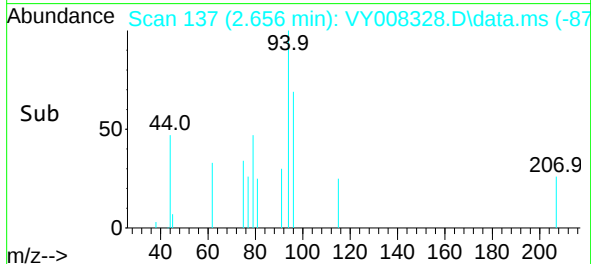
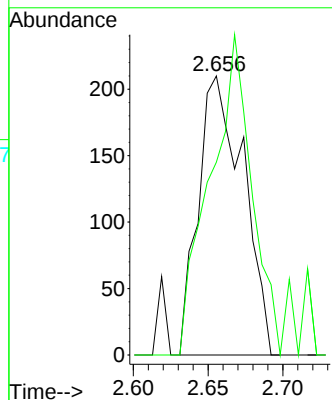
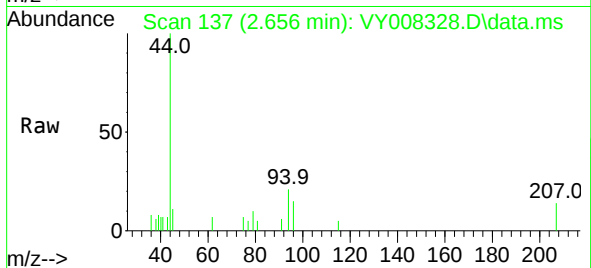




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

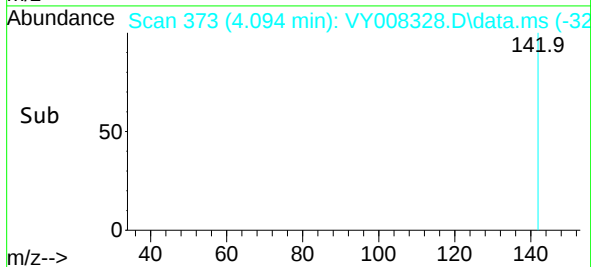
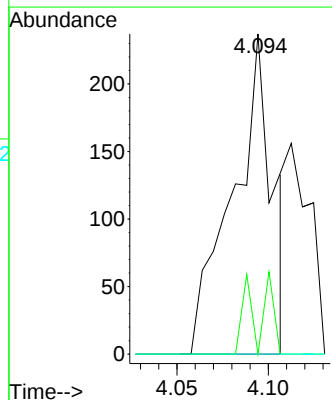
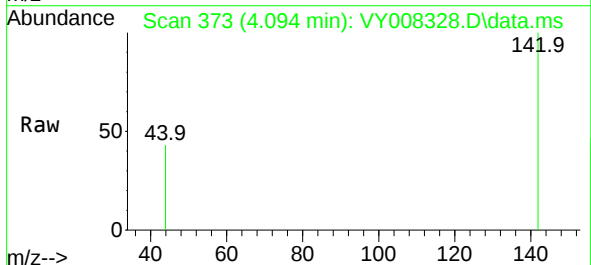
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

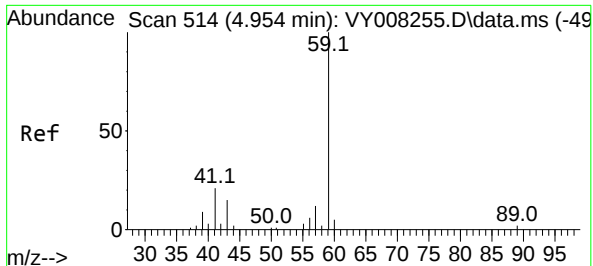
Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 69.0 73.5 110.3#



#10
Methyl Iodide
Concen: 2.656 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 142 Resp: 357
Ion Ratio Lower Upper
142 100
127 12.3 41.5 62.3#
141 0.0 11.9 17.9#

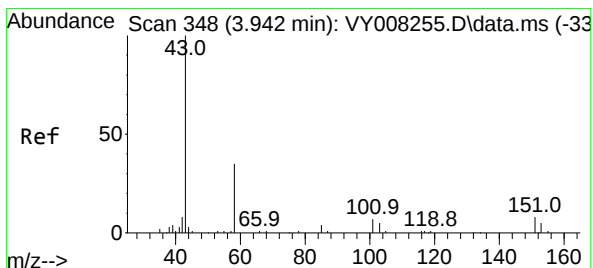
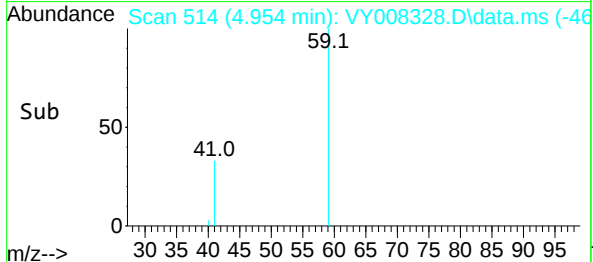
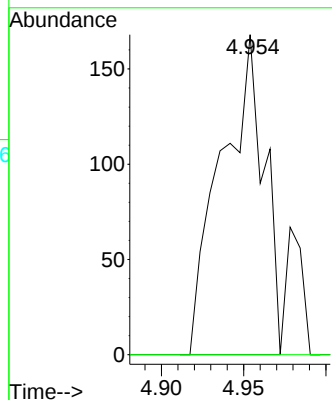
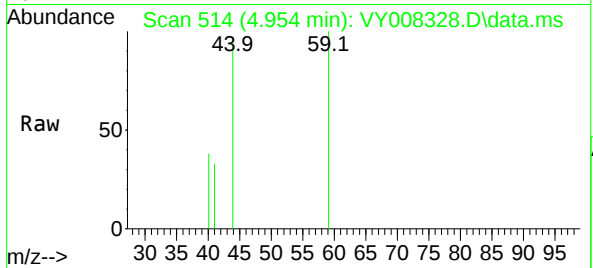




#11
Tert butyl alcohol
Concen: 2.891 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

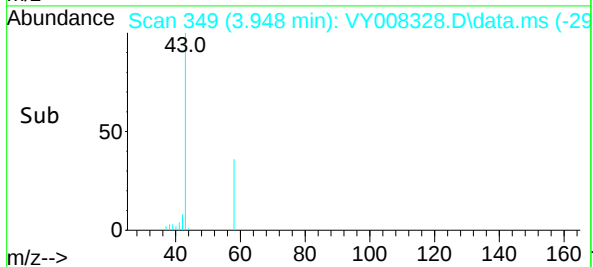
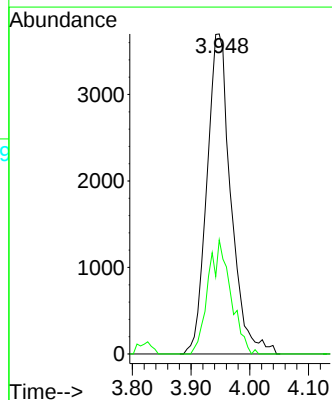
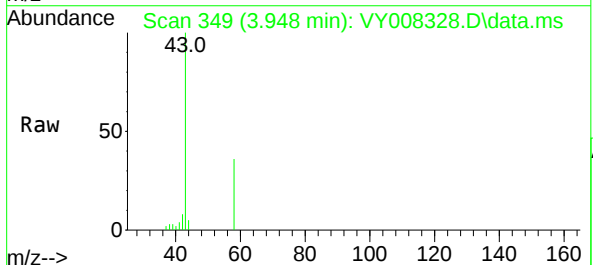
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

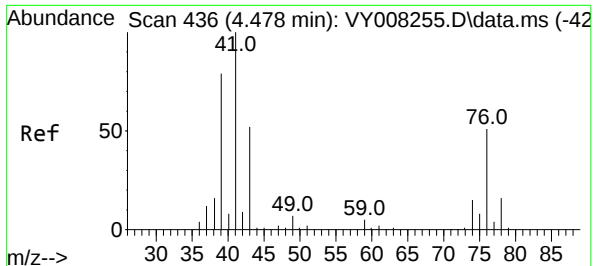
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 44.524 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 10500
Ion Ratio Lower Upper
43 100
58 35.7 22.0 33.0#

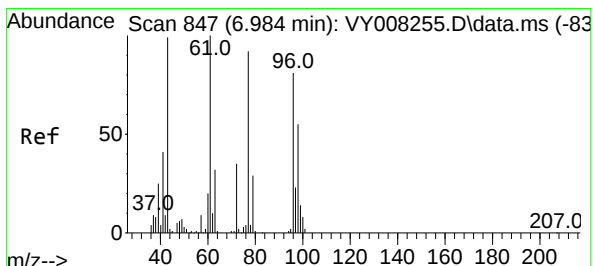
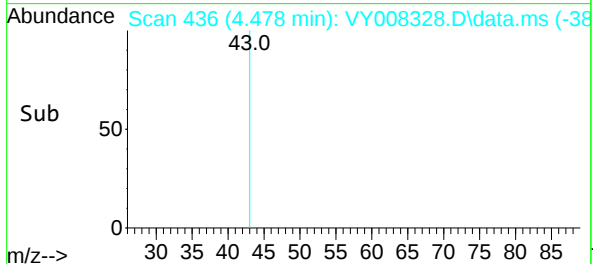
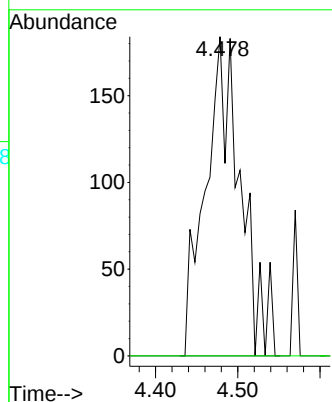
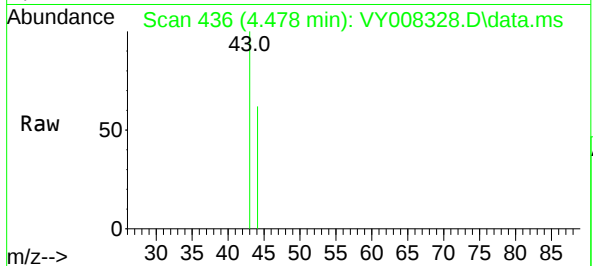




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

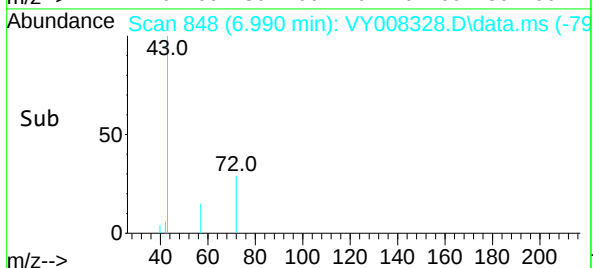
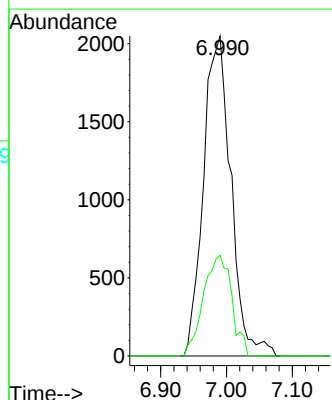
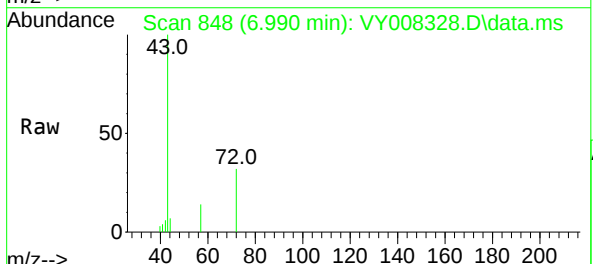
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

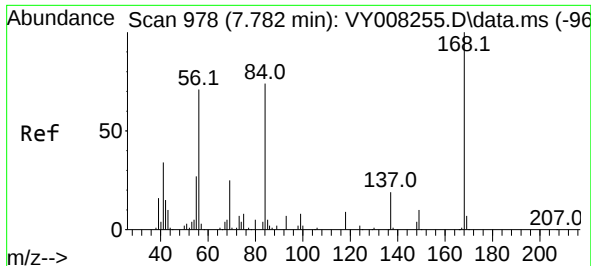
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 16.135 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 5950
Ion Ratio Lower Upper
43 100
72 31.5 17.7 26.5#

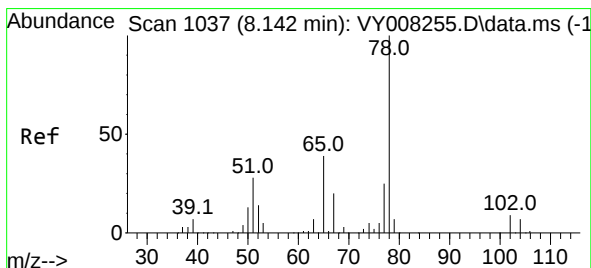
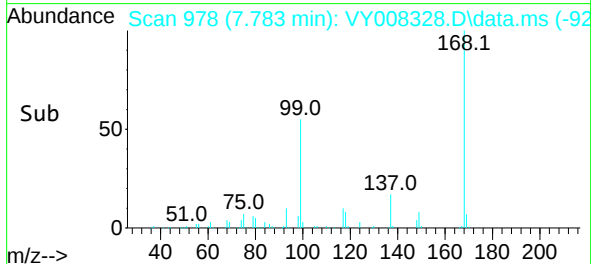
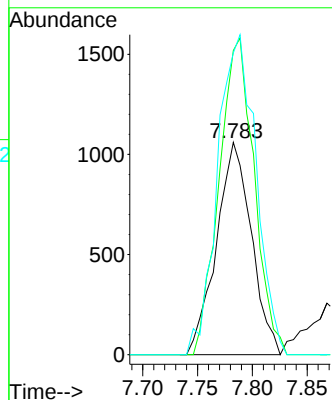
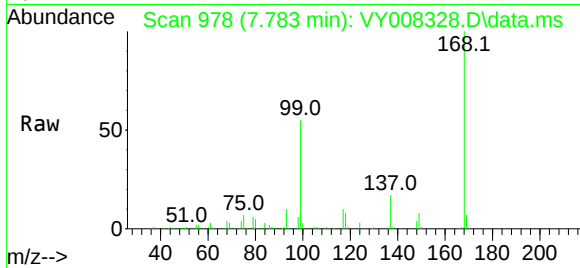




#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

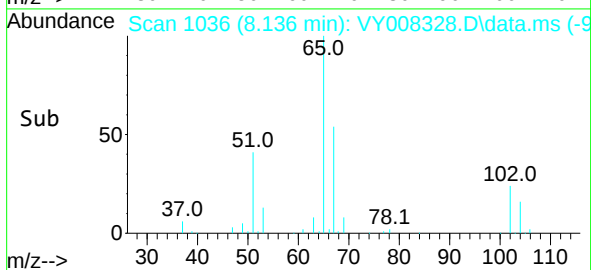
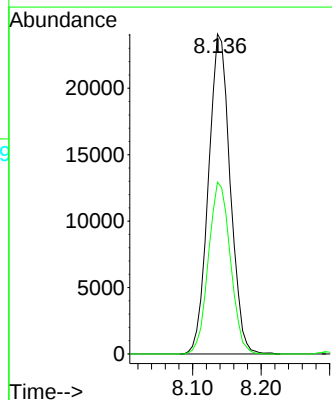
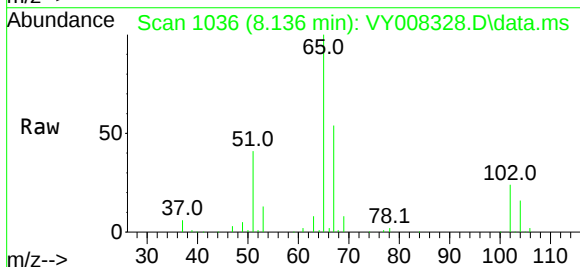
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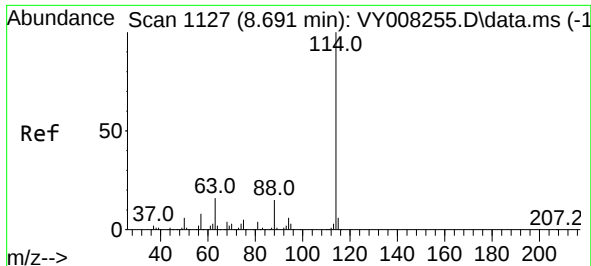
Tgt Ion: 56 Resp: 2352
Ion Ratio Lower Upper
56 100
69 143.3 26.7 40.1#
84 142.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.169 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 65 Resp: 53112
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008328.D

Acq: 14 Apr 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

DEL-8RE

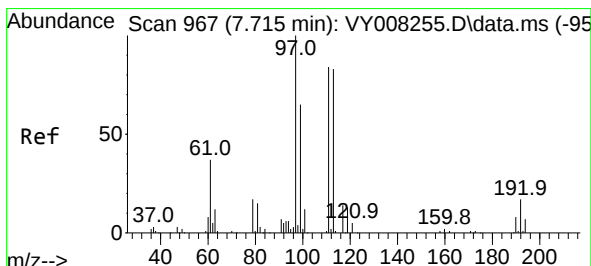
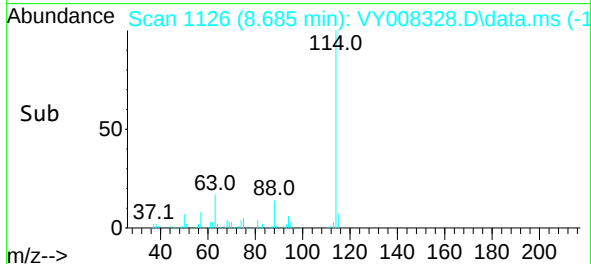
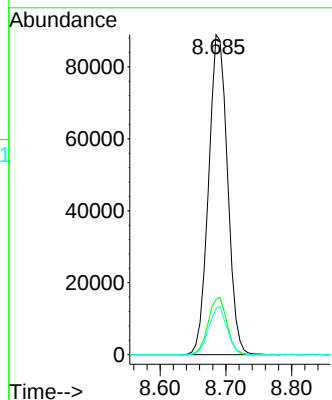
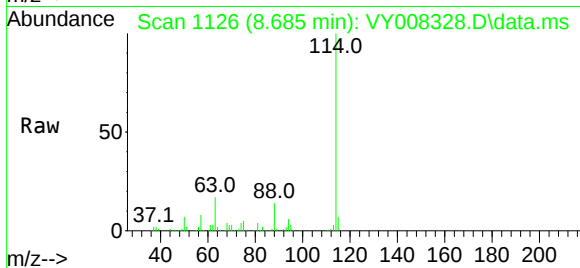
Tgt Ion:114 Resp: 177739

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.539 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008328.D

Acq: 14 Apr 2022 15:26

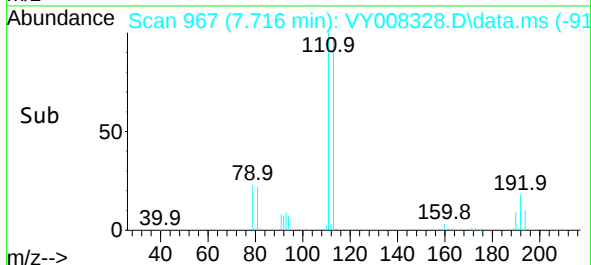
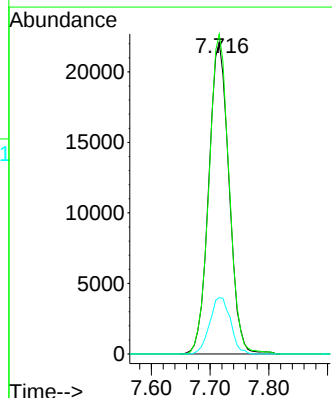
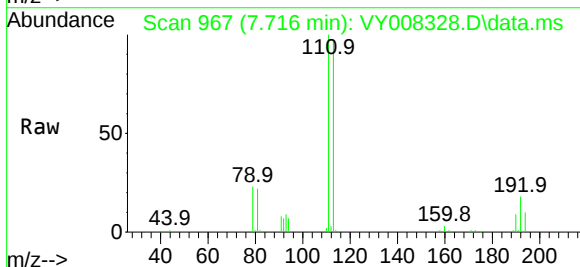
Tgt Ion:113 Resp: 52909

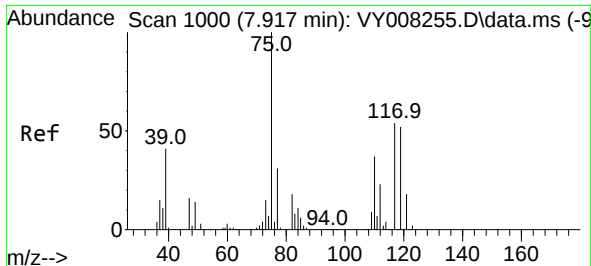
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.5 17.6 26.4

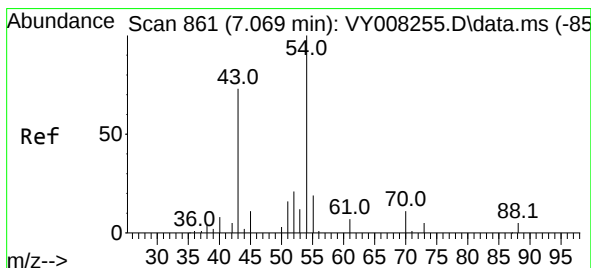
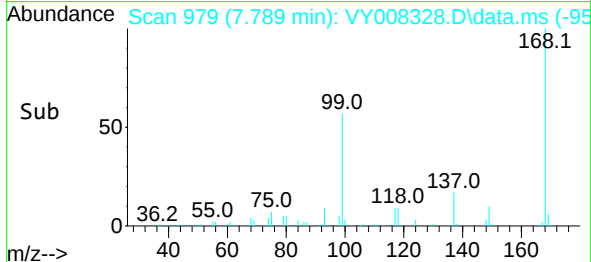
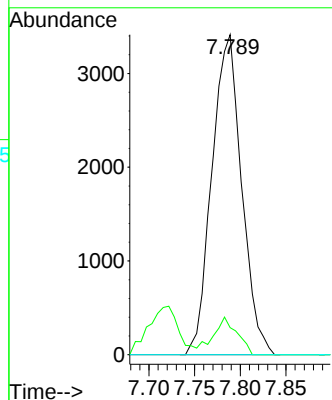
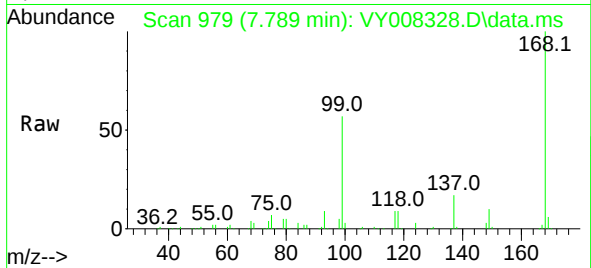




#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY008328.D
 Acq: 14 Apr 2022 15:26

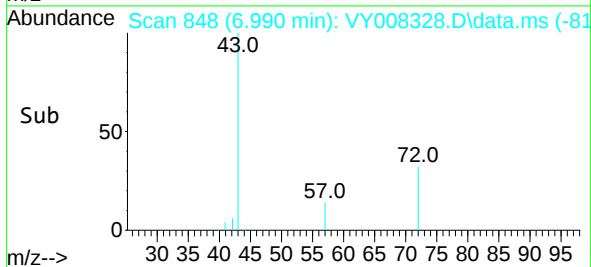
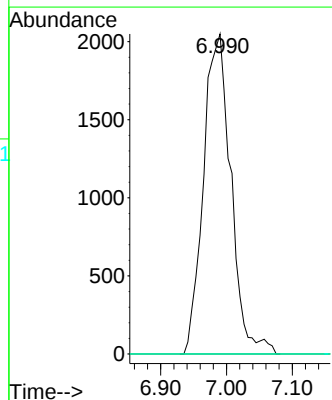
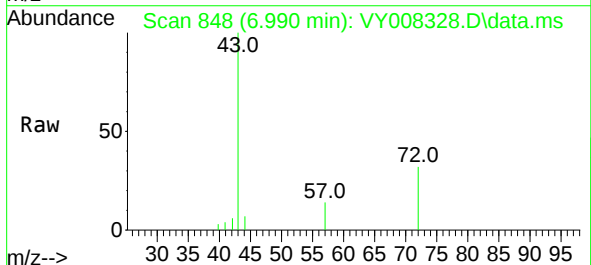
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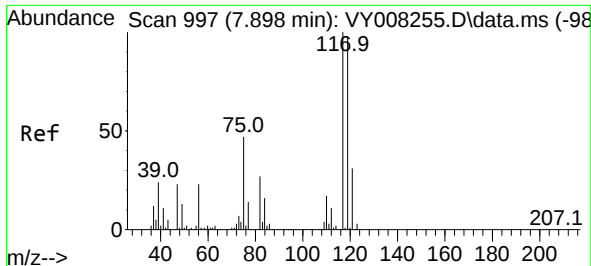
Tgt Ion: 75 Resp: 7722
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.1 51.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 7.039 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.079 min
 Lab File: VY008328.D
 Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 5950
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.7 14.5#
 70 0.0 7.1 10.7#

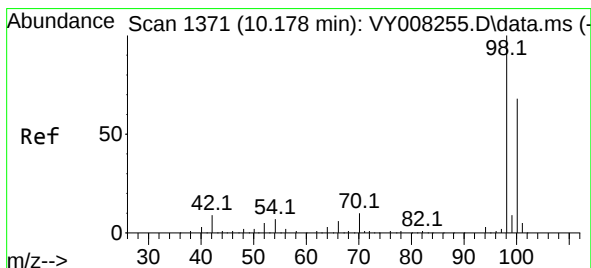
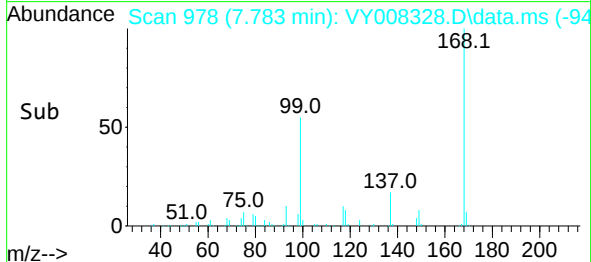
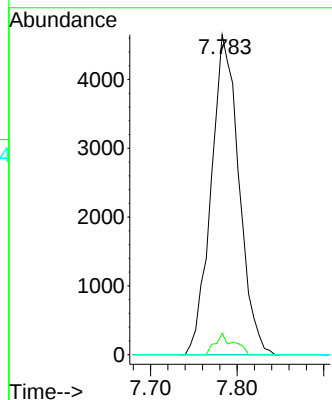
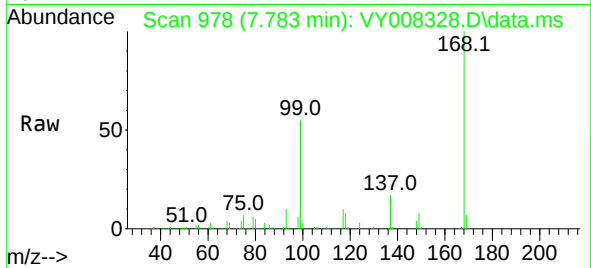




#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

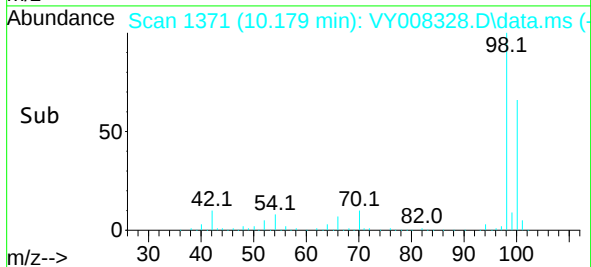
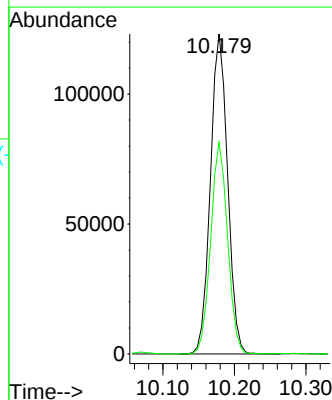
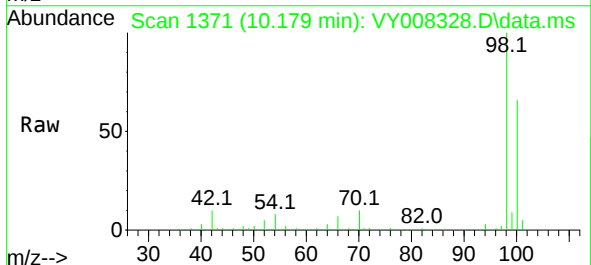
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

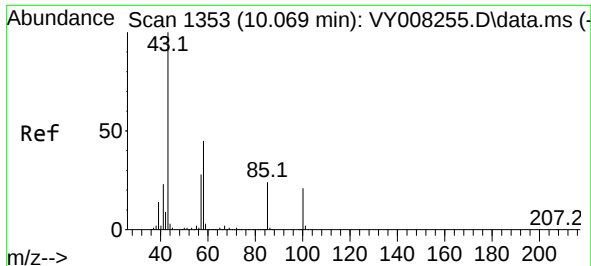
Tgt Ion:117 Resp: 10360
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.501 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 98 Resp: 205503
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

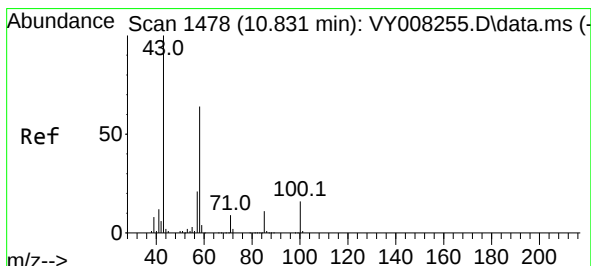
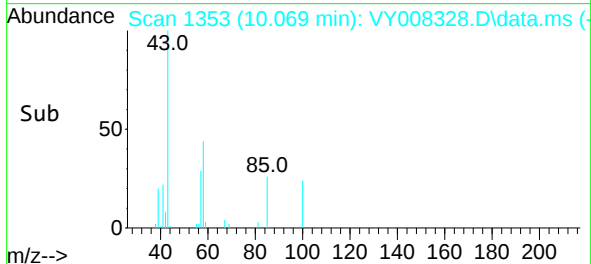
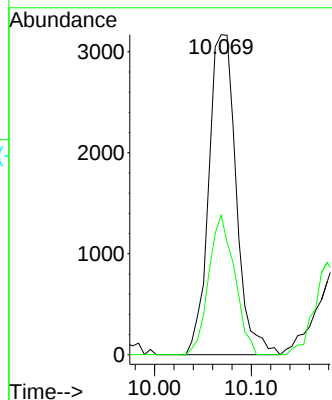
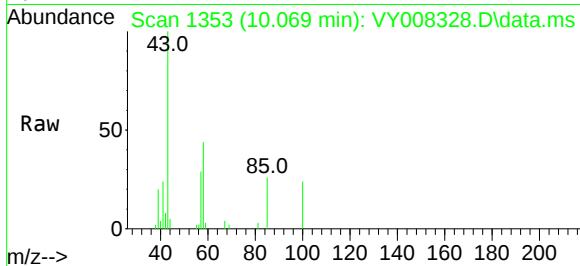




#51
4-Methyl-2-Pentanone
Concen: 7.704 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

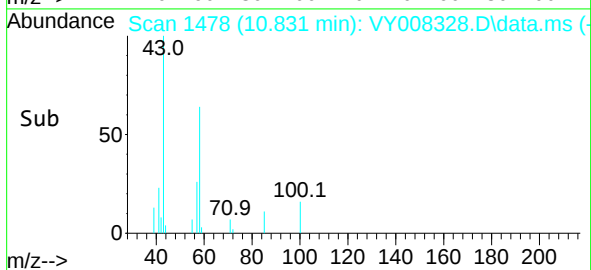
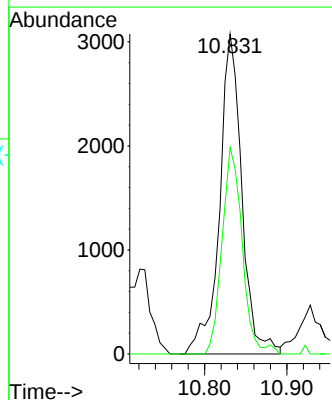
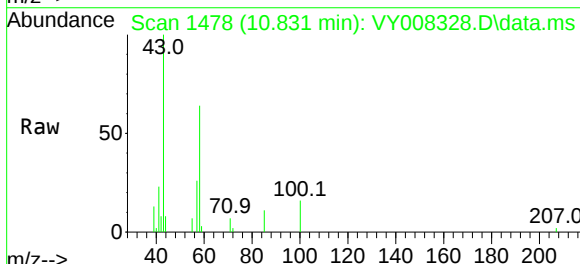
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

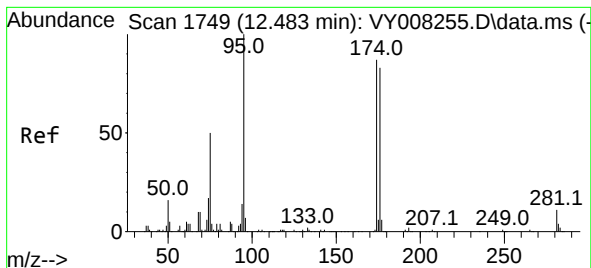
Tgt Ion: 43 Resp: 6241
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1



#59
2-Hexanone
Concen: 10.404 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 5799
Ion Ratio Lower Upper
43 100
58 58.3 24.4 73.4

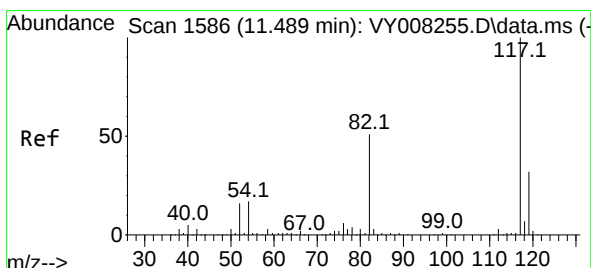
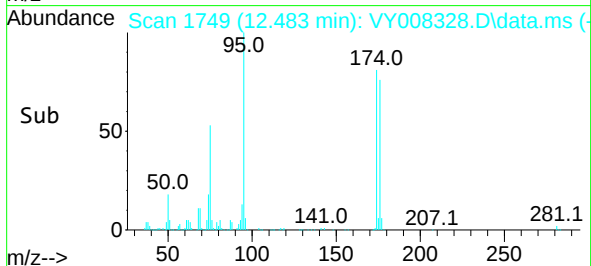
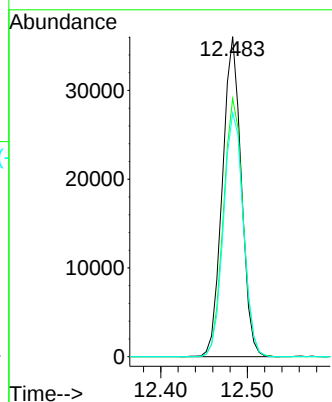
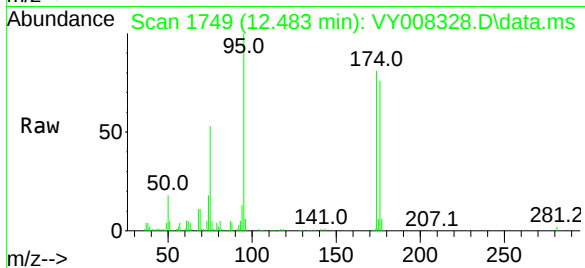




#62
4-Bromofluorobenzene
Concen: 41.332 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

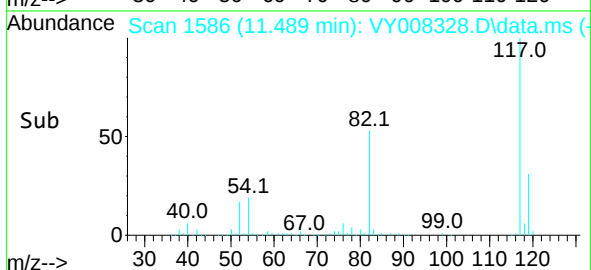
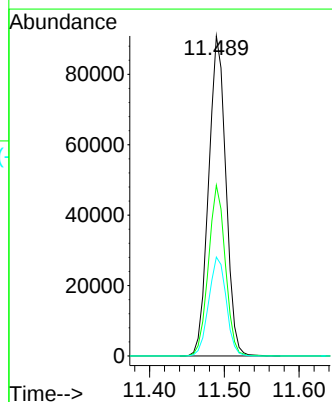
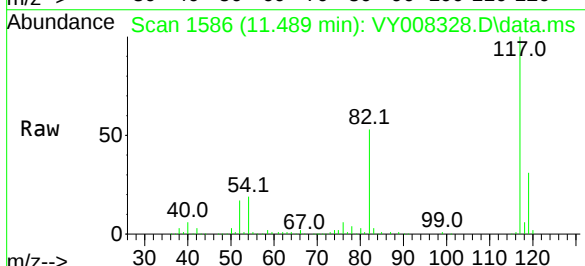
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

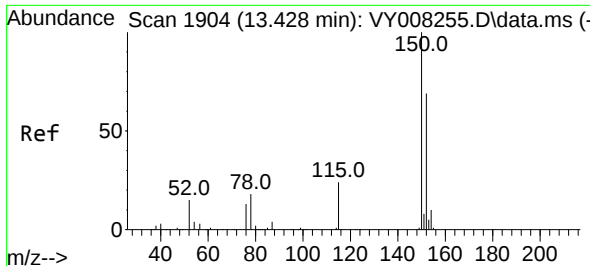
Tgt Ion: 95 Resp: 54610
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 117 Resp: 145459
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 30.9 25.4 38.0

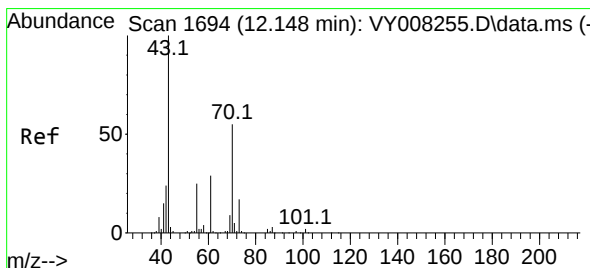
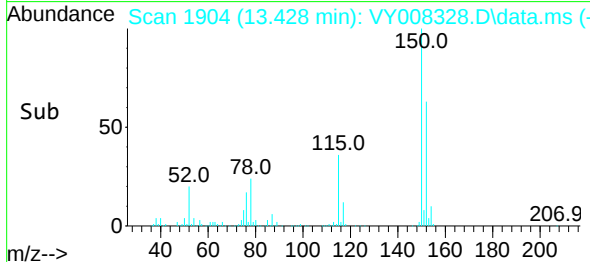
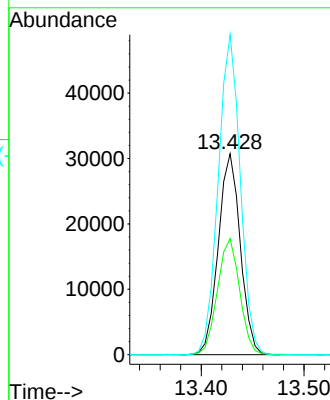
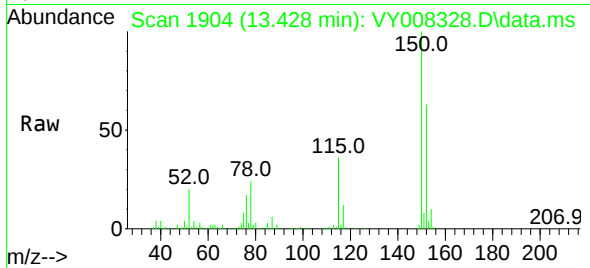




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

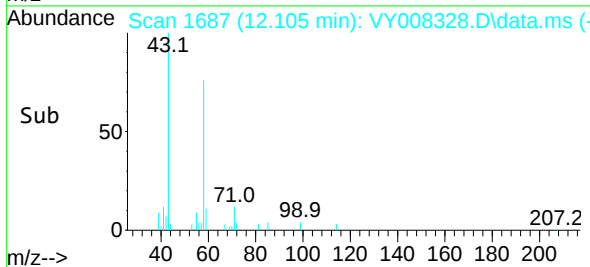
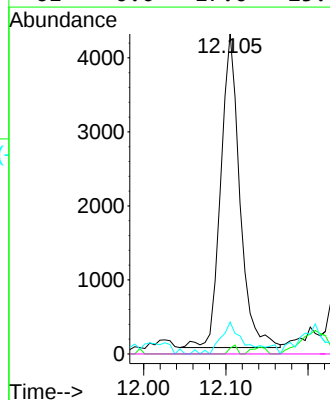
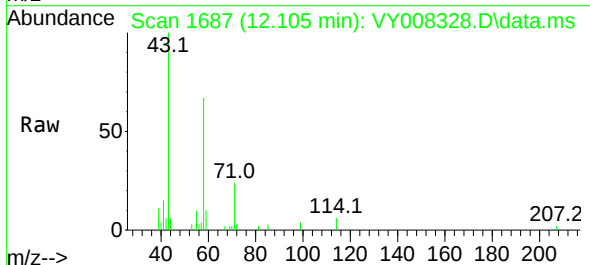
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

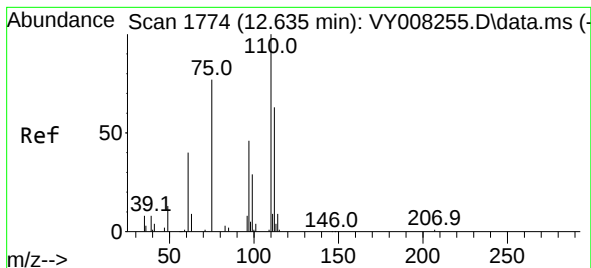
Tgt Ion:152 Resp: 45659
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 159.3 0.0 347.6



#74
N-ethyl acetate
Concen: 9.266 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.043 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 6829
Ion Ratio Lower Upper
43 100
70 1.1 28.7 43.1#
55 12.8 17.3 25.9#
61 0.0 17.0 25.6#





#76

1,2,3-Trichloropropane

Concen: 57.333 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008328.D

Acq: 14 Apr 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

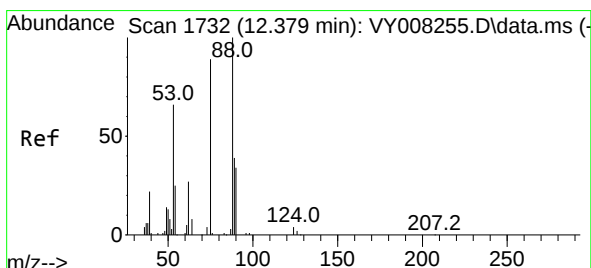
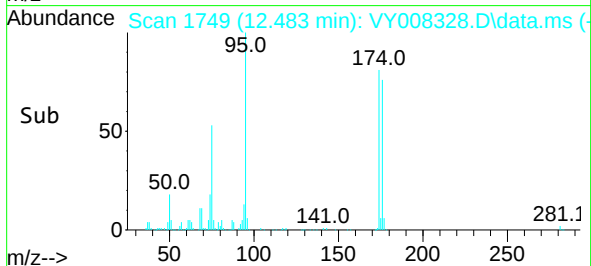
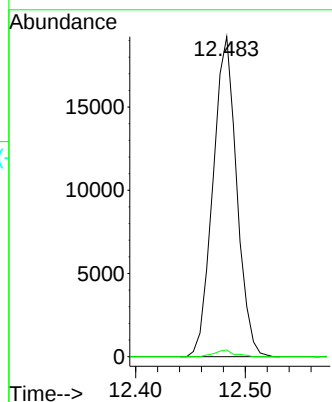
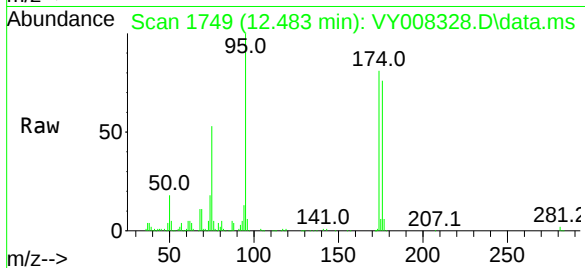
DEL-8RE

Tgt Ion: 75 Resp: 28952

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.281 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY008328.D

Acq: 14 Apr 2022 15:26

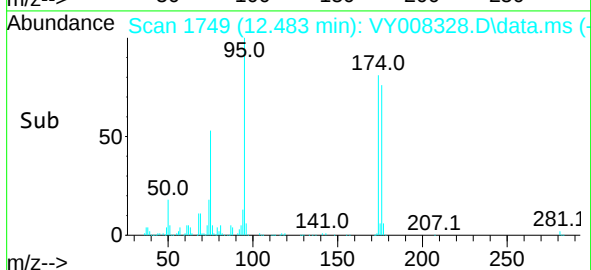
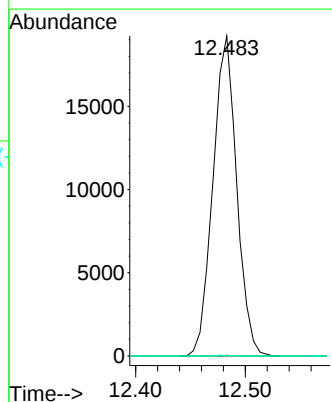
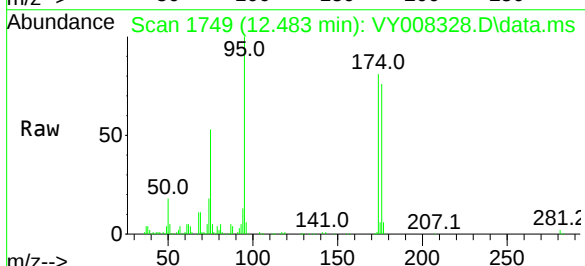
Tgt Ion: 75 Resp: 28952

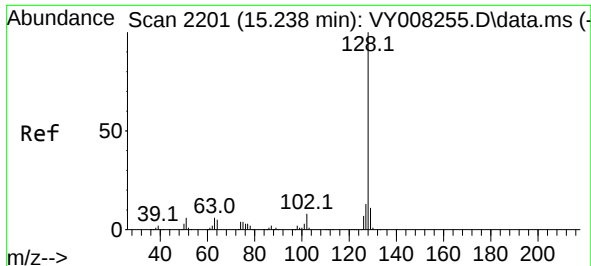
Ion Ratio Lower Upper

75 100

53 0.1 85.3 127.9#

89 0.1 37.0 55.4#

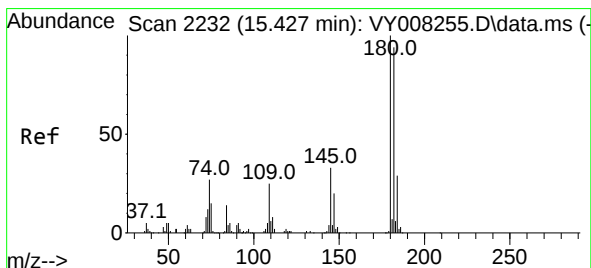
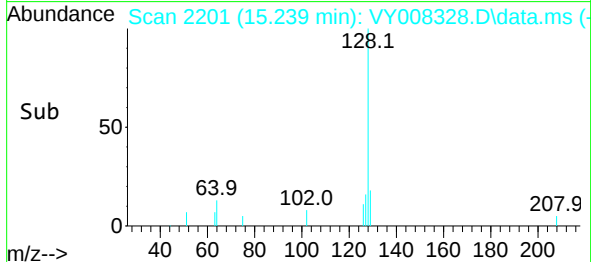
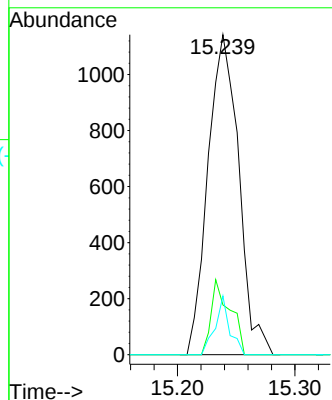
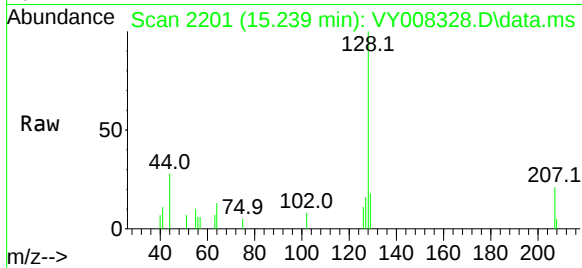




#95
Naphthalene
Concen: 1.121 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.001 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

Tgt Ion:	128	Resp:	2082
Ion	Ratio	Lower	Upper
128	100		
127	14.6	11.0	16.4
129	8.6	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.000 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.001 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion:	180	Resp:	759
Ion	Ratio	Lower	Upper
180	100		
182	89.9	47.3	141.9
145	24.2	15.3	45.9

