

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018318.D
 Acq On : 17 May 2024 19:09
 Operator : SY/MD
 Sample : P2482-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-01-229

Quant Time: May 18 00:55:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

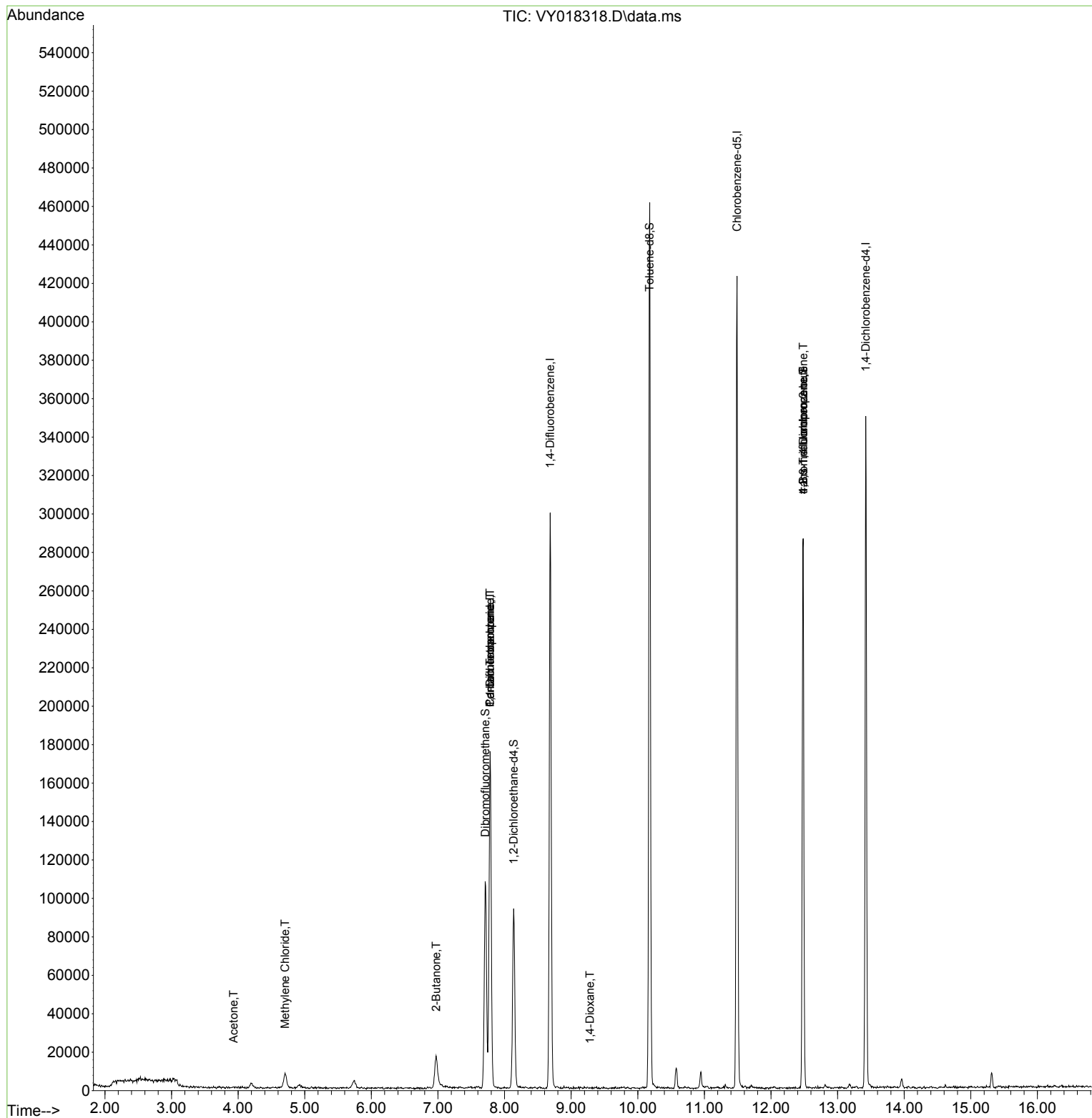
Internal Standards						
1) Pentafluorobenzene	7.783	168	130293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	261434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	69985	73.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.020%	
35) Dibromofluoromethane	7.710	113	75994	55.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.620%	
50) Toluene-d8	10.179	98	303885	56.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.260%	
62) 4-Bromofluorobenzene	12.483	95	91739	52.468	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	498	Below Cal	#	55
13) Acrolein	3.729	56	238	Below Cal	#	83
16) Acetone	3.930	43	278	1.453	ug/l #	83
20) Methylene Chloride	4.704	84	5822	4.306	ug/l	98
25) 2-Butanone	6.972	43	804	2.629	ug/l #	82
31) Cyclohexane	7.783	56	3019	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	11335	5.755	ug/l #	48
38) Carbon Tetrachloride	7.783	117	13646	6.341	ug/l #	15
49) 1,4-Dioxane	9.283	88	32	3.028	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	45665	67.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45665	129.470	ug/l #	16

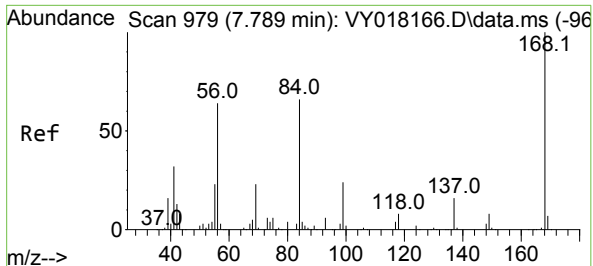
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P-01-229

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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

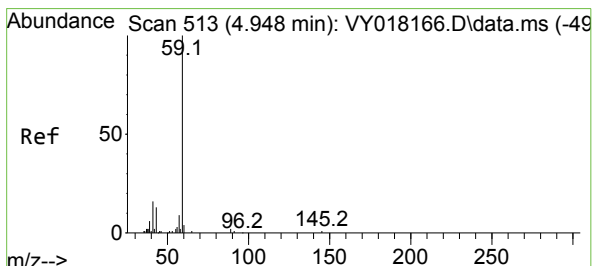
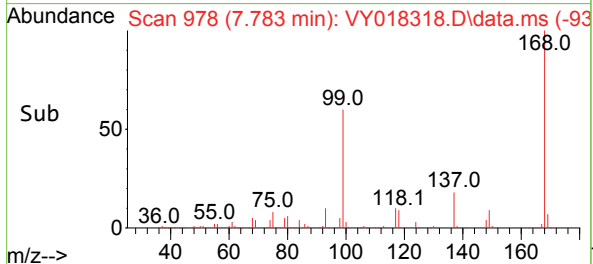
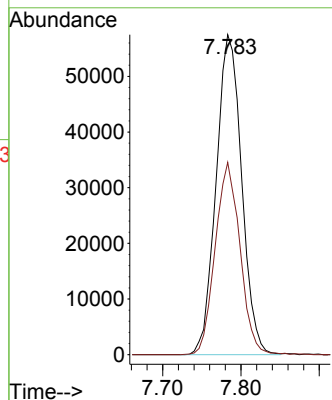
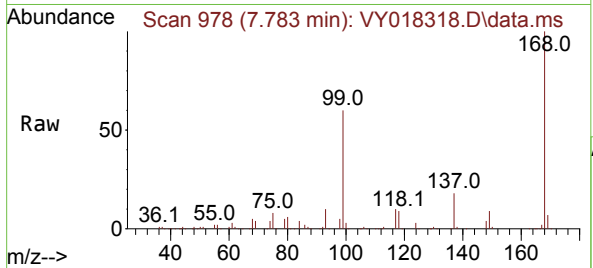




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

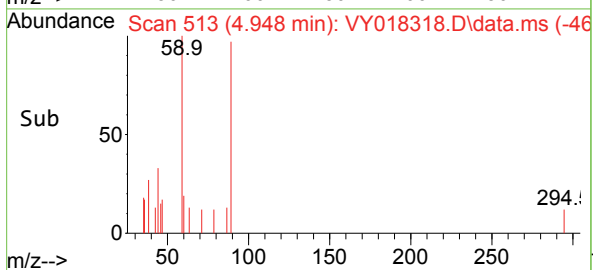
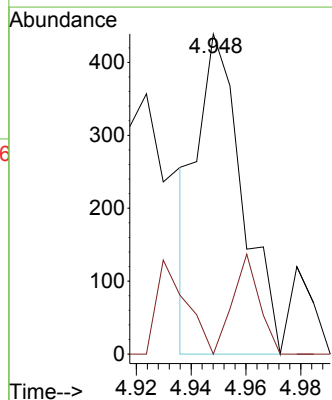
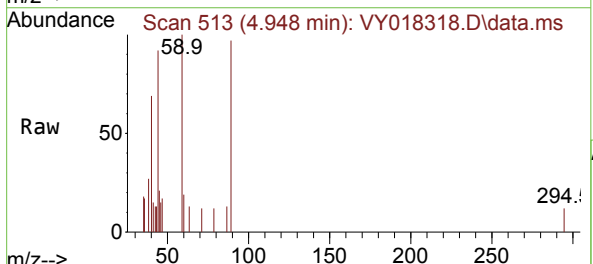
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

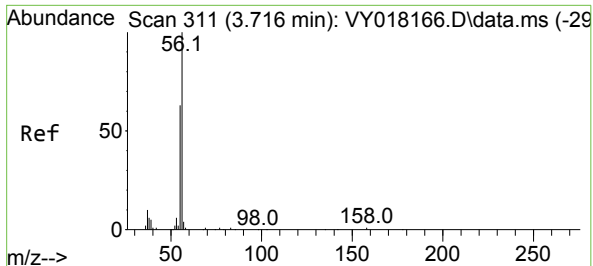
Tgt Ion:168 Resp: 130293
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 18.5 3.0 4.6#





#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 311

Delta R.T. 0.013 min

Lab File: VY018318.D

Acq: 17 May 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

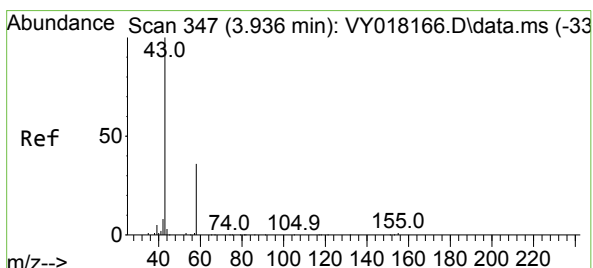
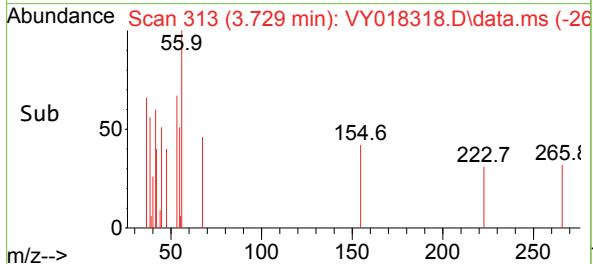
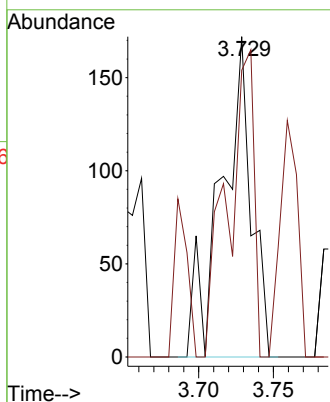
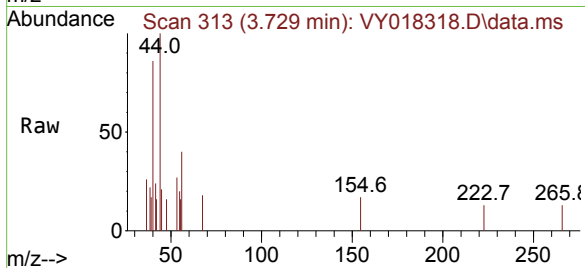
P-01-229

Tgt Ion: 56 Resp: 238

Ion Ratio Lower Upper

56 100

55 83.6 55.7 83.5#



#16

Acetone

Concen: 1.453 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018318.D

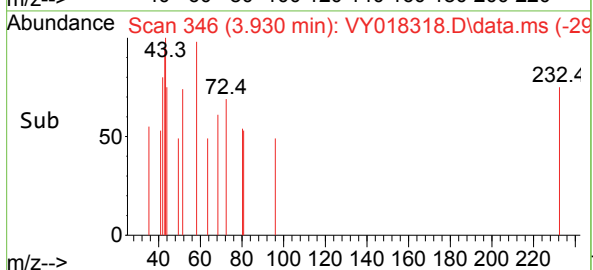
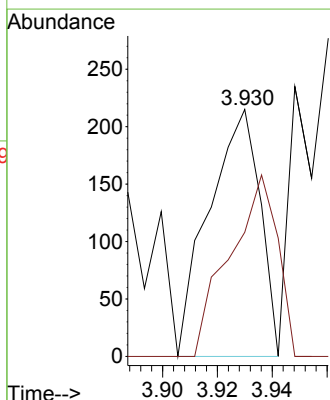
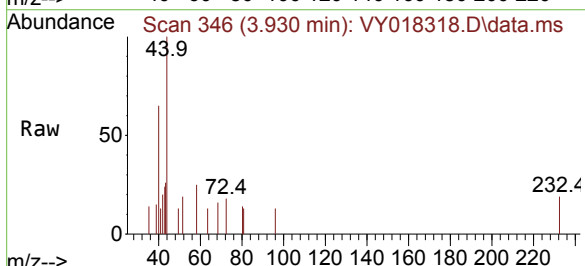
Acq: 17 May 2024 19:09

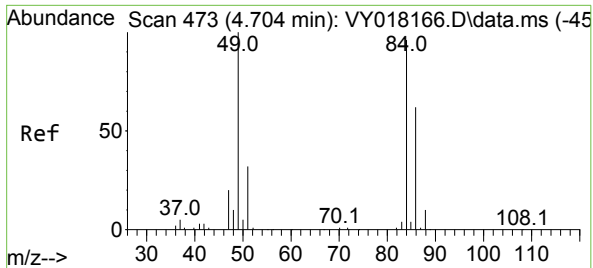
Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

58 50.2 31.7 47.5#

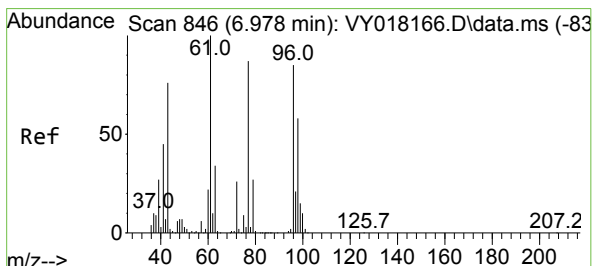
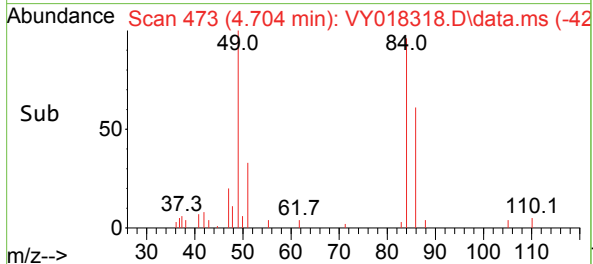
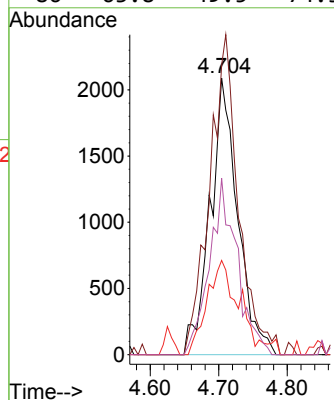
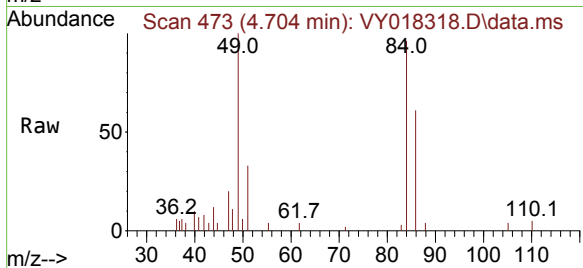




#20
Methylene Chloride
Concen: 4.306 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

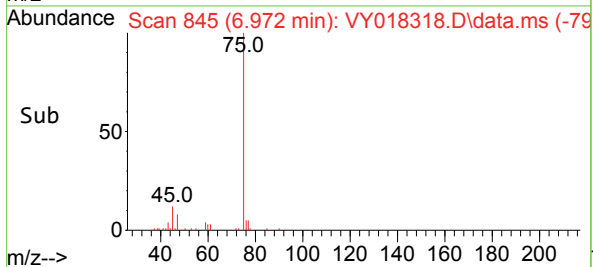
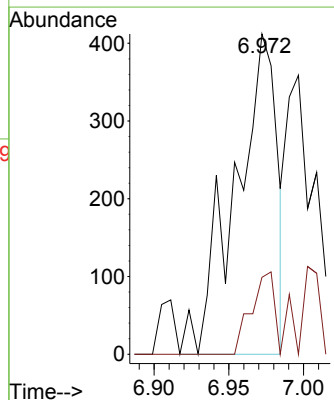
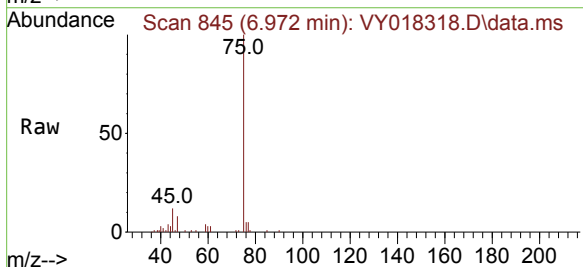
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

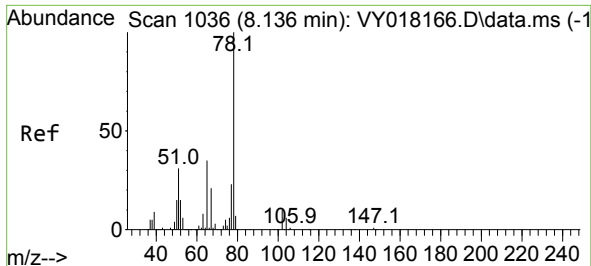
Tgt Ion:	84	Resp:	5822
Ion	Ratio	Lower	Upper
84	100		
49	104.6	84.4	126.6
51	34.1	26.0	39.0
86	63.8	49.5	74.3



#25
2-Butanone
Concen: 2.629 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion:	43	Resp:	804
Ion	Ratio	Lower	Upper
43	100		
72	24.0	27.3	40.9#

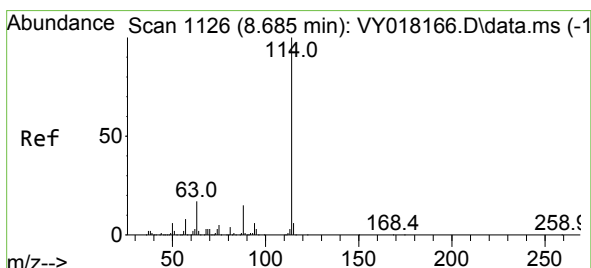
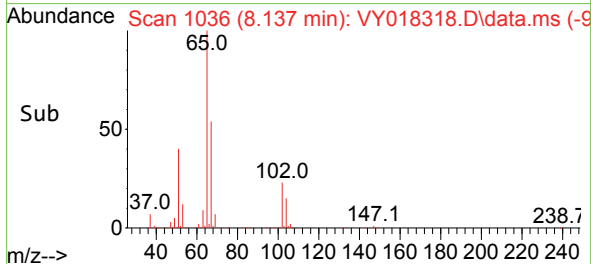
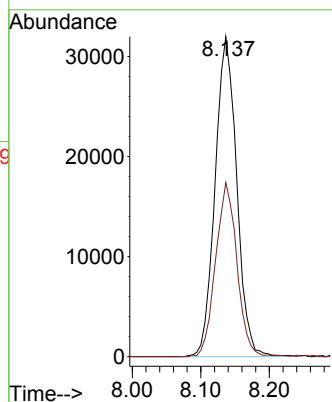
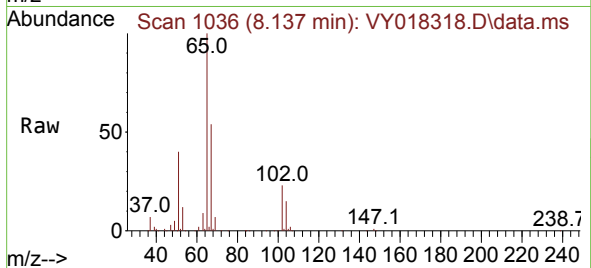




#33
 1,2-Dichloroethane-d4
 Concen: 73.013 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018318.D
 Acq: 17 May 2024 19:09

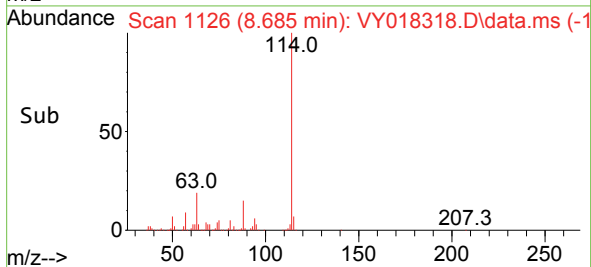
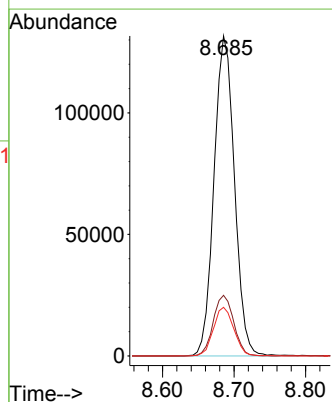
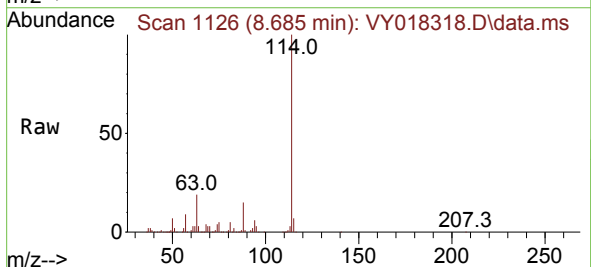
Instrument :
 MSVOA_Y
 ClientSampleId :
 P-01-229

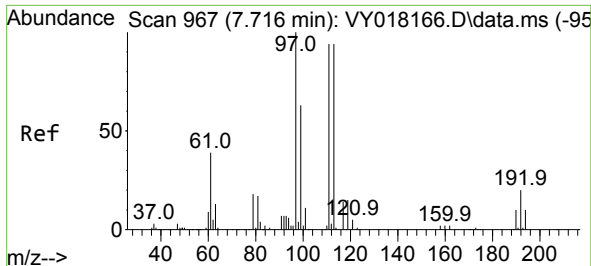
Tgt Ion: 65 Resp: 69985
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018318.D
 Acq: 17 May 2024 19:09

Tgt Ion:114 Resp: 261434
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 35.0
 88 15.2 0.0 27.2

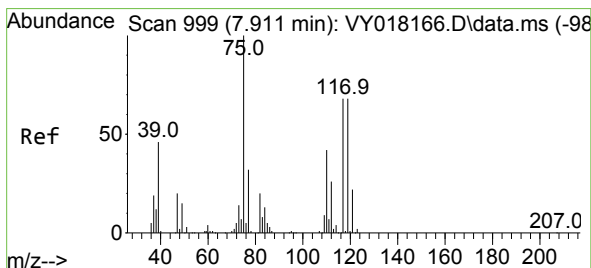
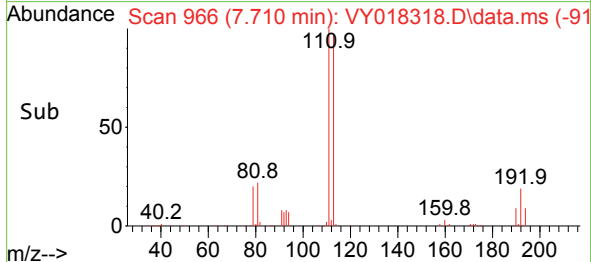
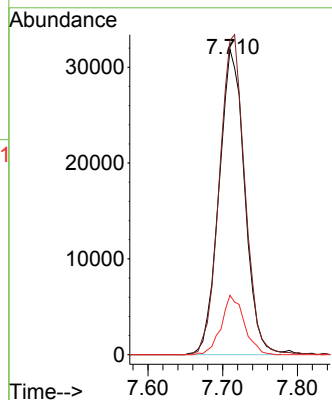
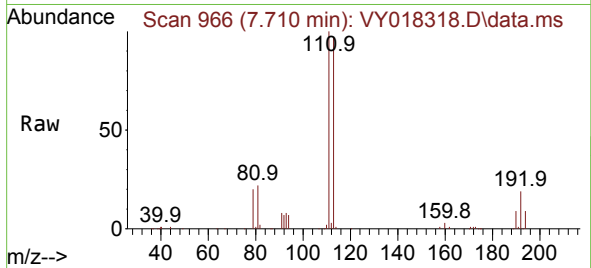




#35
Dibromofluoromethane
Concen: 55.310 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

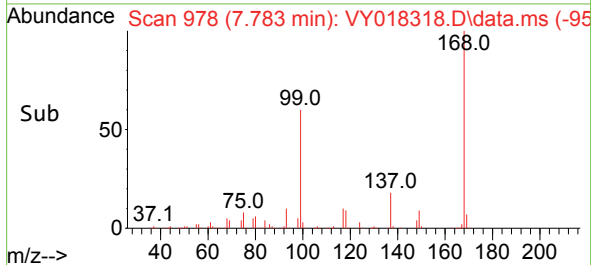
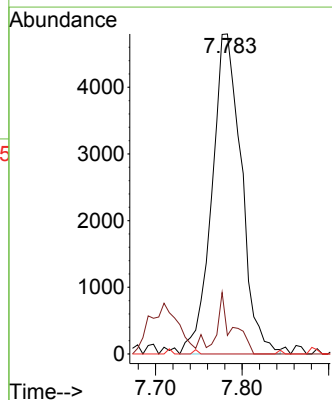
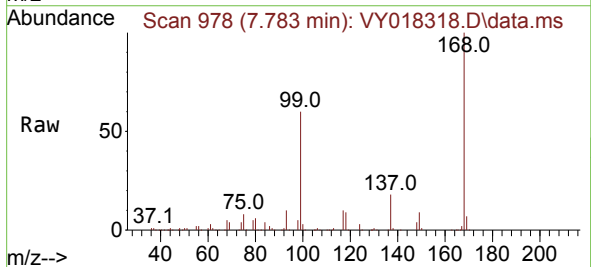
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

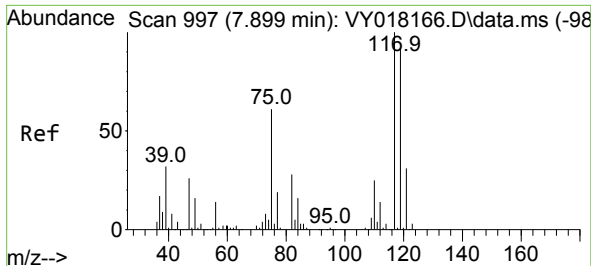
Tgt Ion:113 Resp: 75994
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 17.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.755 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 75 Resp: 11335
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#

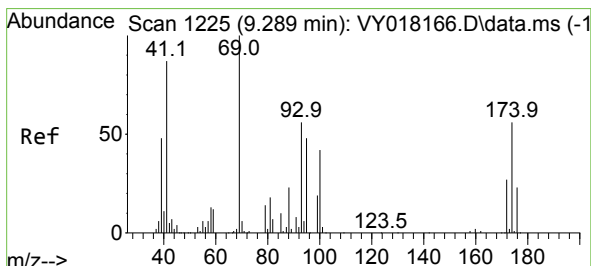
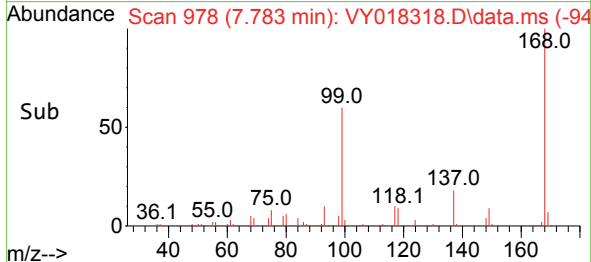
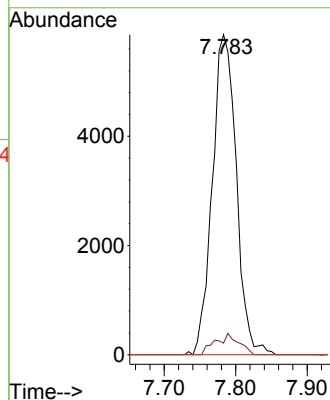
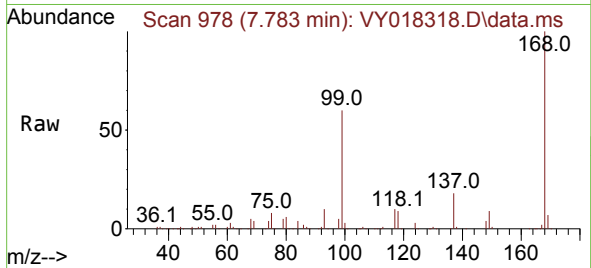




#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

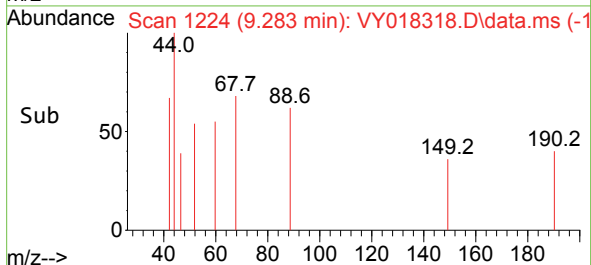
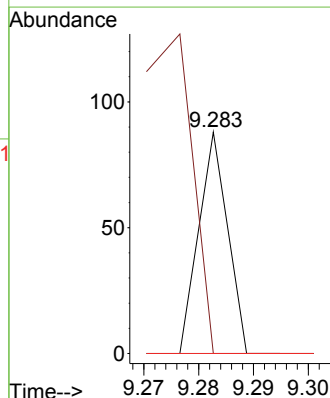
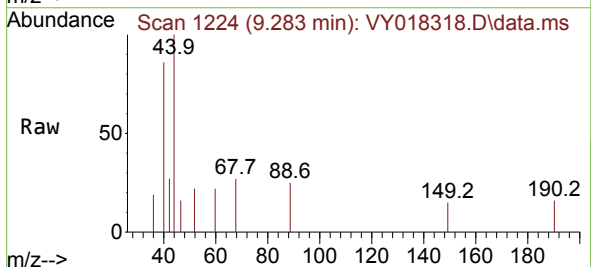
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P-01-229

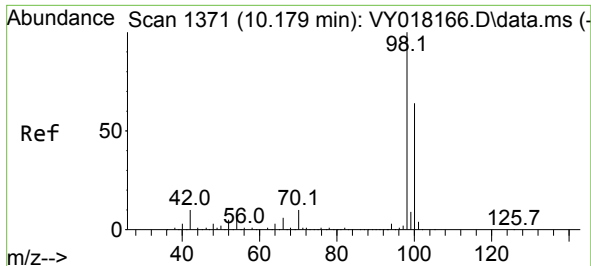
Tgt Ion:117 Resp: 13646
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.028 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 331.3 0.0 0.0#
58 0.0 49.3 73.9#

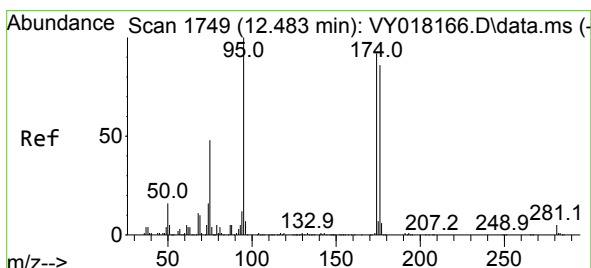
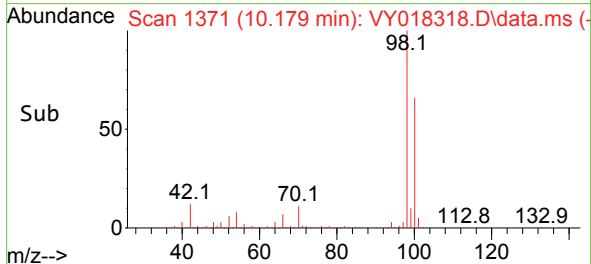
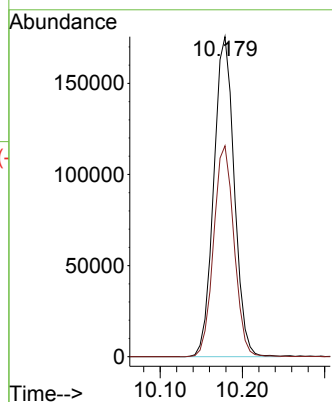
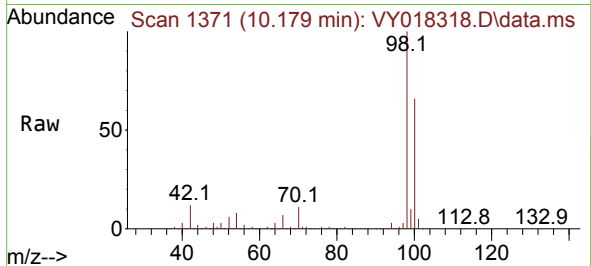




#50
Toluene-d8
Concen: 56.127 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

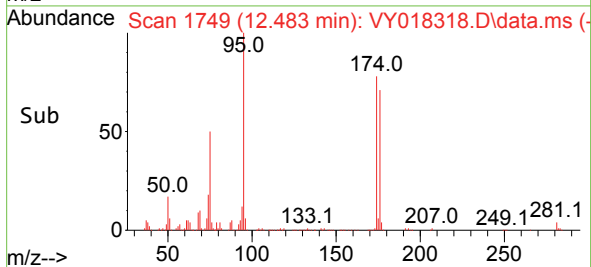
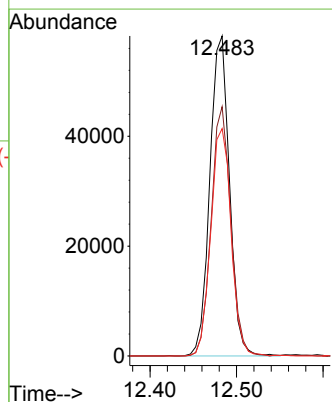
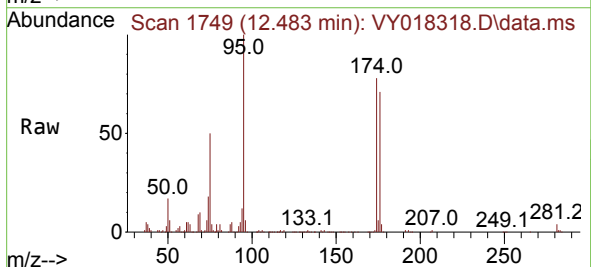
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

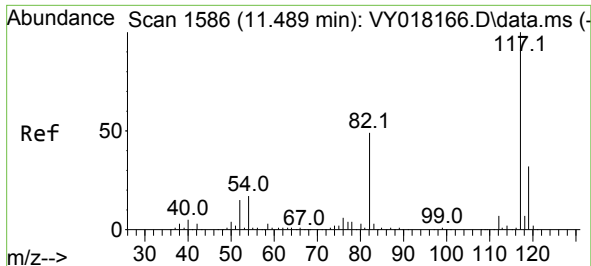
Tgt Ion: 98 Resp: 303885
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 95 Resp: 91739
Ion Ratio Lower Upper
95 100
174 77.9 0.0 175.6
176 73.8 0.0 171.4

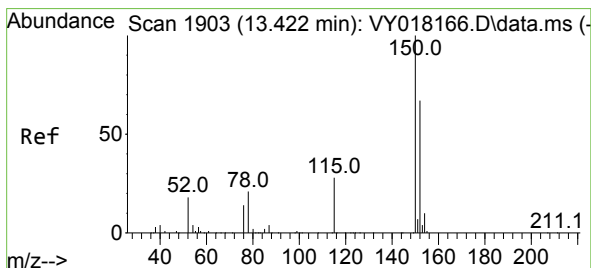
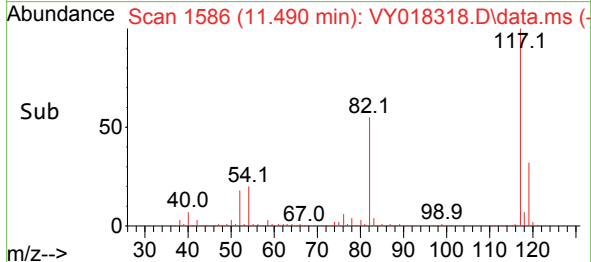
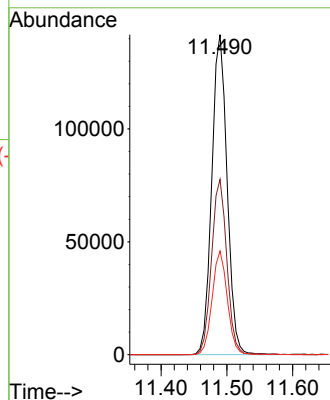
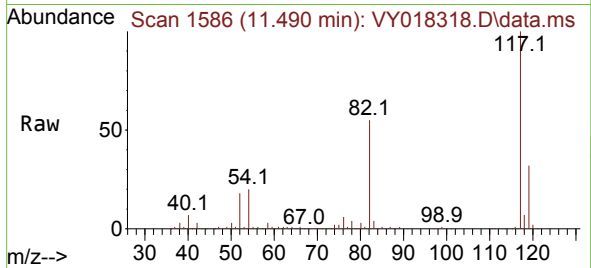




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

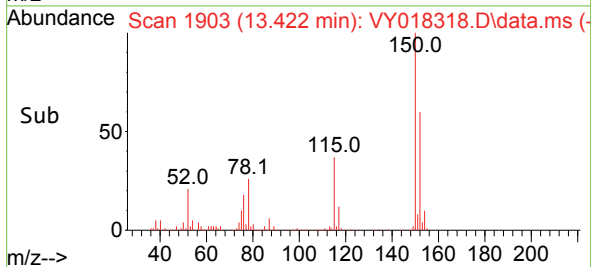
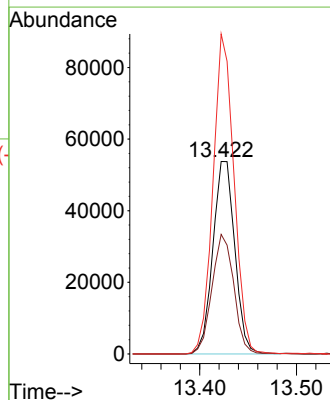
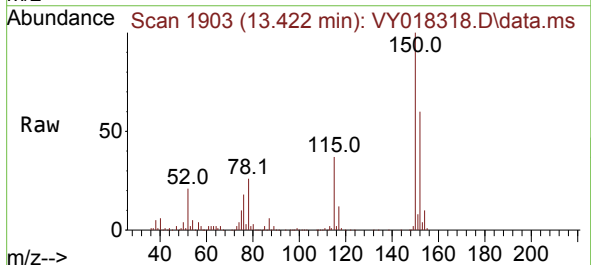
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

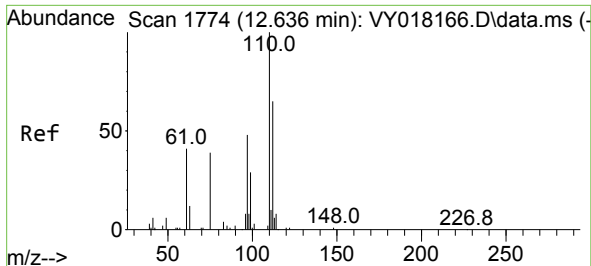
Tgt Ion:117 Resp: 230411
Ion Ratio Lower Upper
117 100
82 54.8 42.4 63.6
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion:152 Resp: 84897
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 158.5 0.0 345.6

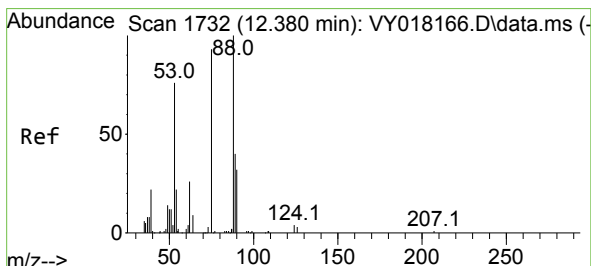
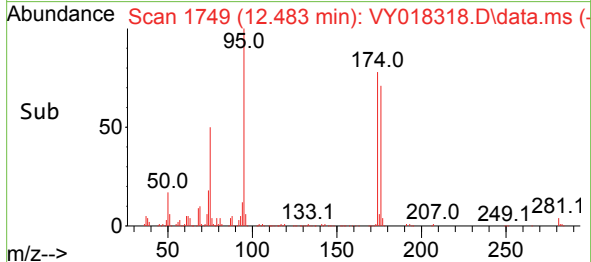
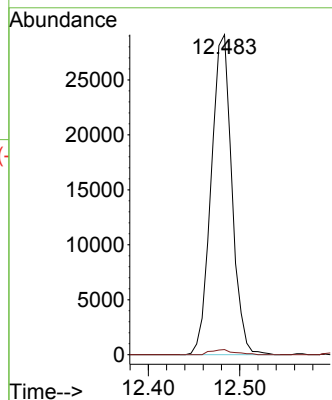
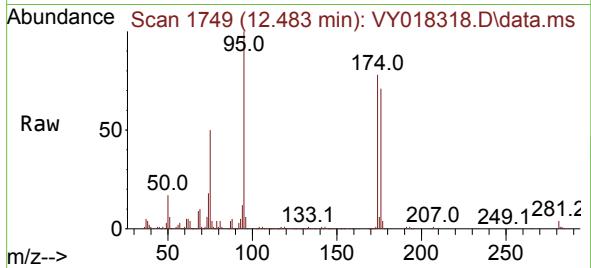




#76
1,2,3-Trichloropropane
Concen: 67.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

Tgt Ion: 75 Resp: 45665
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.470 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 75 Resp: 45665
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

