

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016249.D
 Acq On : 07 Nov 2023 16:41
 Operator : SY/MD
 Sample : 05292-03
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 23:44:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

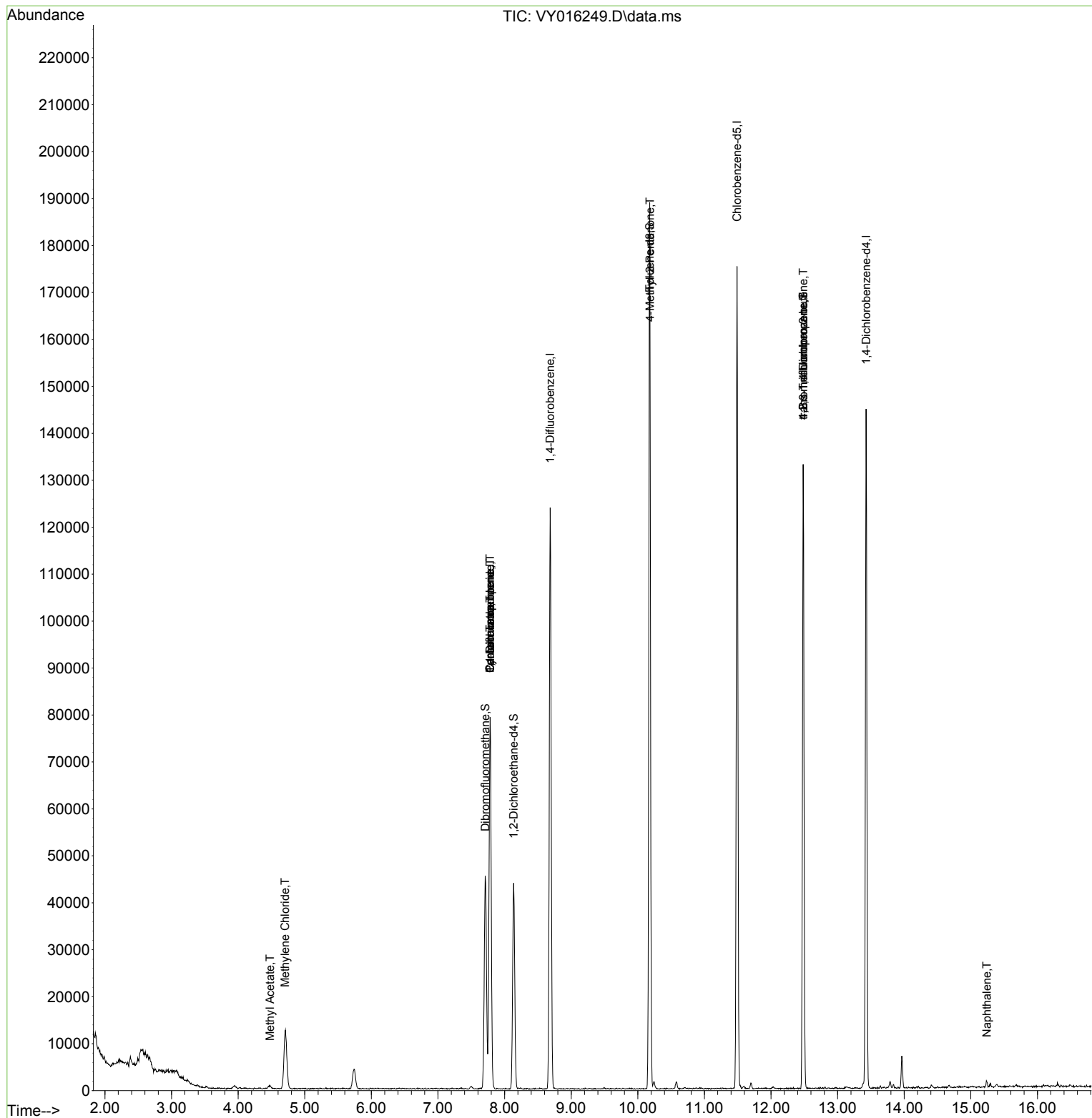
Internal Standards						
1) Pentafluorobenzene	7.783	168	63370	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.685	114	109720	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	97074	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	37041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34020	57.372	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.740%			
35) Dibromofluoromethane	7.710	113	32853	50.225	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.179	98	124545	48.023	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.483	95	38512	43.427	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.860%			
Target Compounds						
16) Acetone	3.948	43	1025	Below Cal		94
18) Methyl Acetate	4.479	43	1270	2.663	ug/l	93
20) Methylene Chloride	4.704	84	9550	13.618	ug/l	92
31) Cyclohexane	7.783	56	1174	1.288	ug/l #	19
36) 1,1-Dichloropropene	7.783	75	4470	4.732	ug/l #	50
38) Carbon Tetrachloride	7.783	117	6273	6.704	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	533	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	19700	56.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19700	122.454	ug/l #	10
95) Naphthalene	15.239	128	1318	1.022	ug/l	97

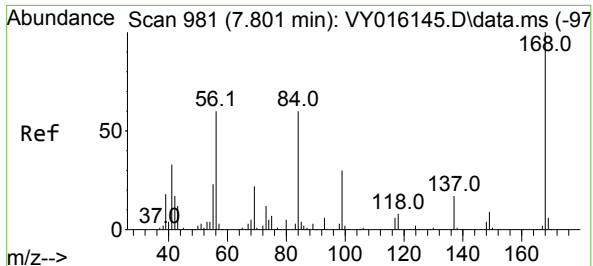
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

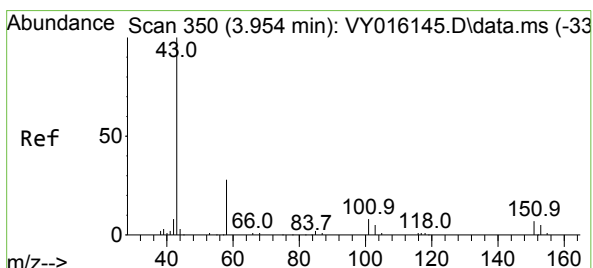
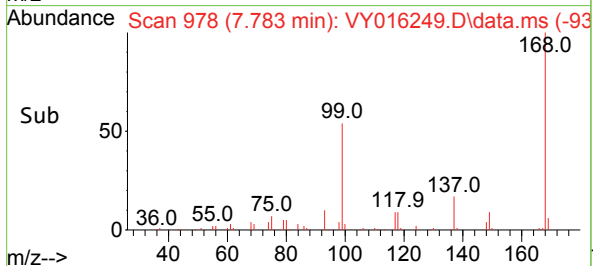
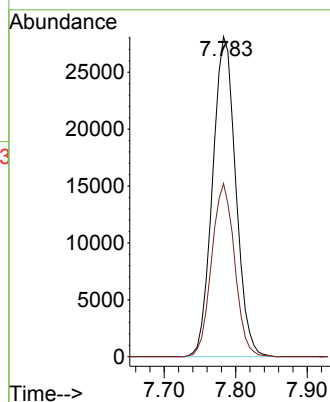
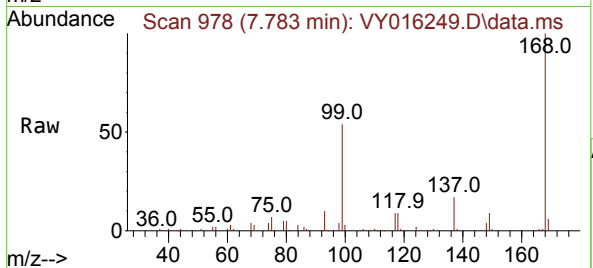




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

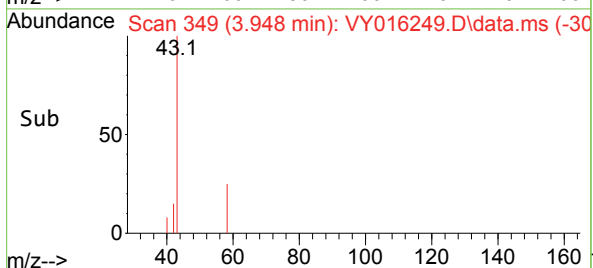
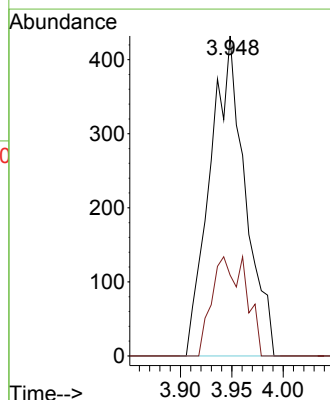
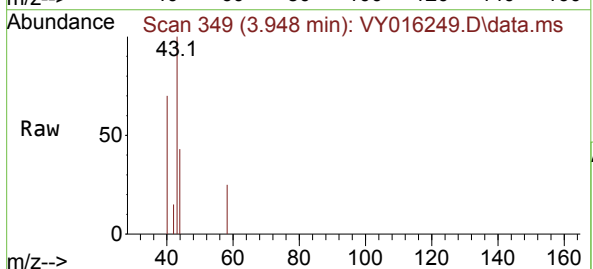
Instrument :
MSVOA_Y
ClientSampleId :

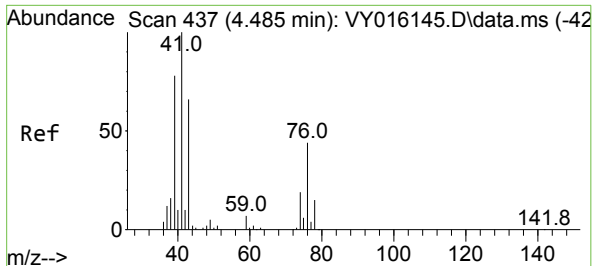
Tgt Ion:168 Resp: 63370
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1

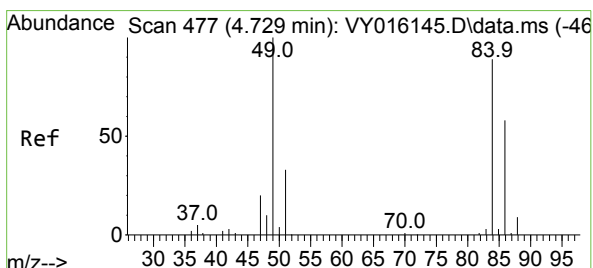
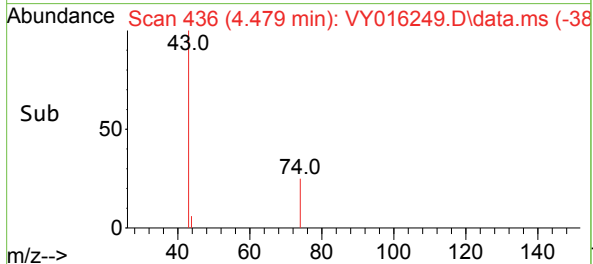
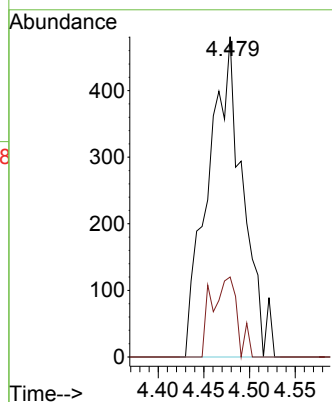
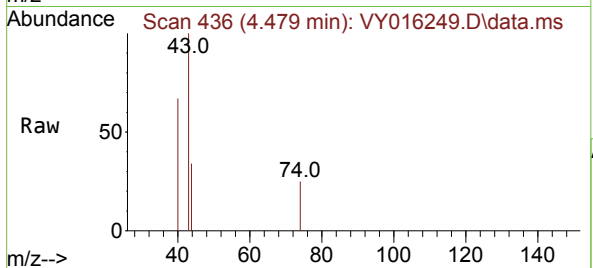




#18
Methyl Acetate
Concen: 2.663 ug/l
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

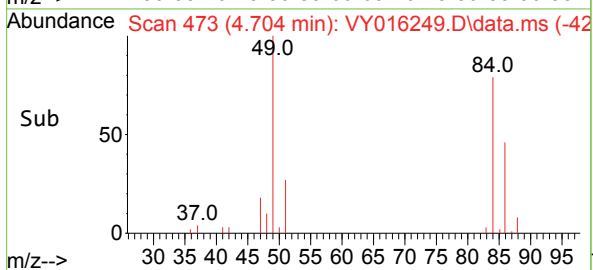
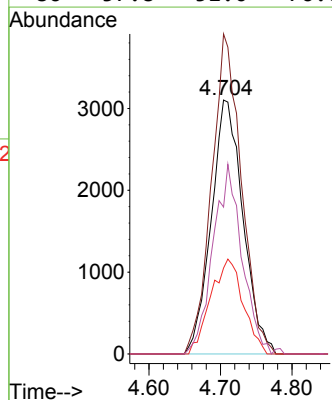
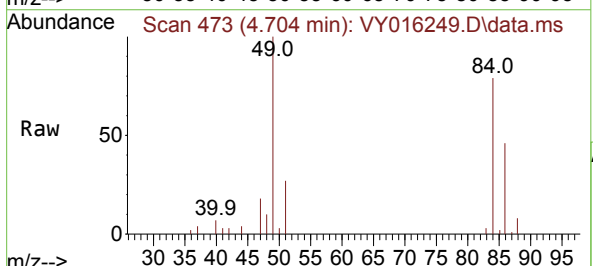
Instrument :
MSVOA_Y
ClientSampleId :

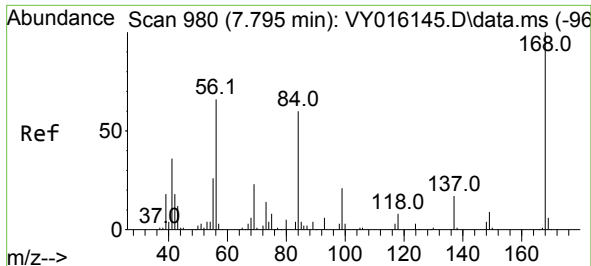
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
74 18.3 17.4 26.0



#20
Methylene Chloride
Concen: 13.618 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.025 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 84 Resp: 9550
Ion Ratio Lower Upper
84 100
49 126.0 106.9 160.3
51 33.8 33.2 49.8
86 57.8 51.0 76.6

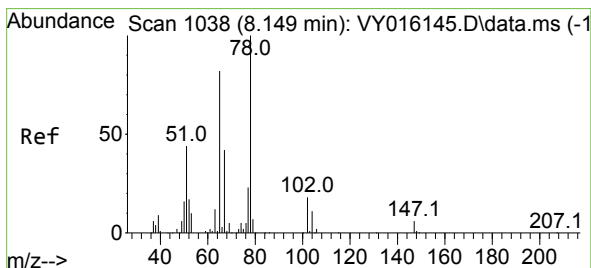
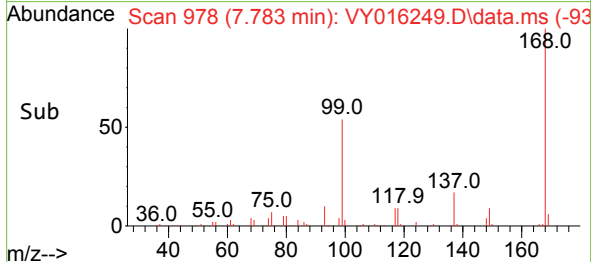
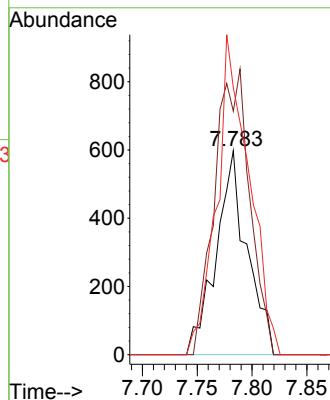
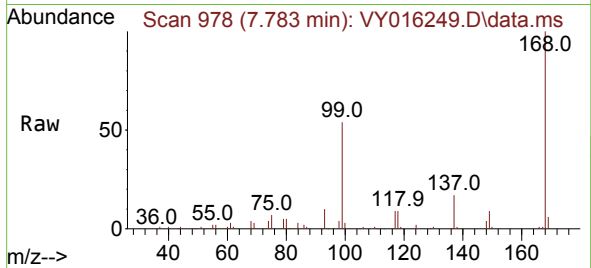




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

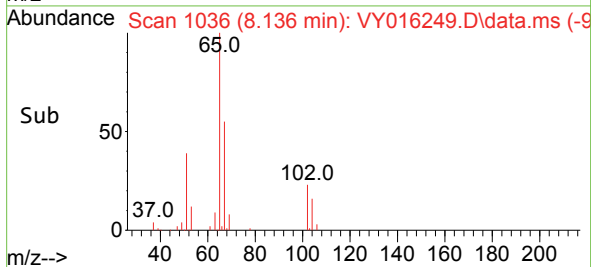
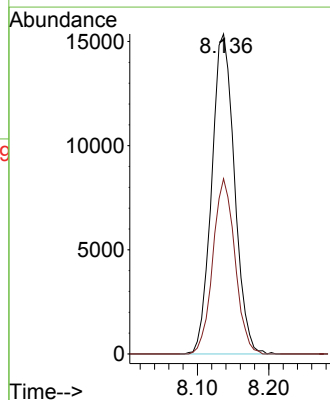
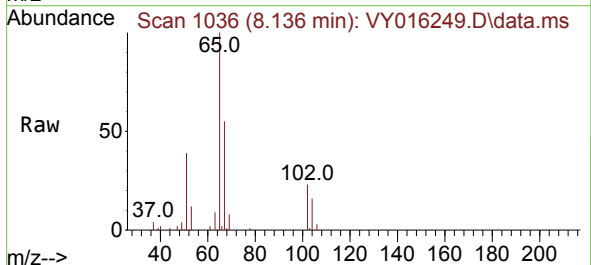
Instrument :
MSVOA_Y
ClientSampleId :

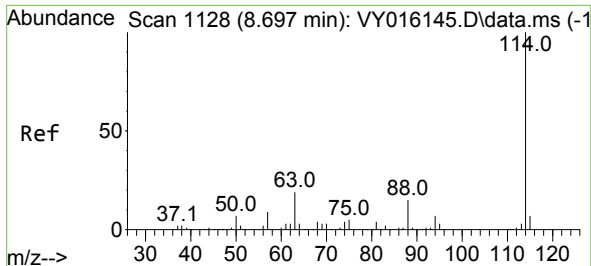
Tgt Ion: 56 Resp: 1174
Ion Ratio Lower Upper
56 100
69 119.4 27.8 41.6#
84 130.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.372 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 65 Resp: 34020
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY016249.D

Acq: 07 Nov 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

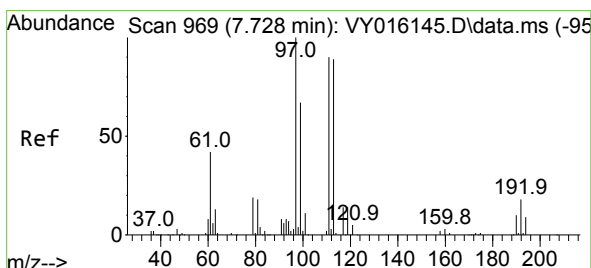
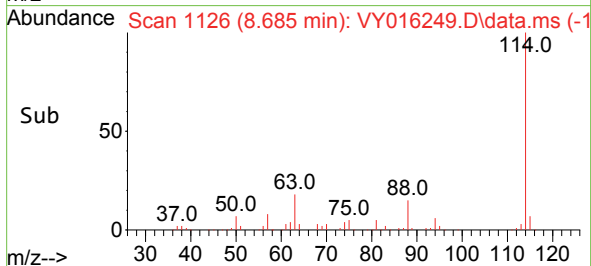
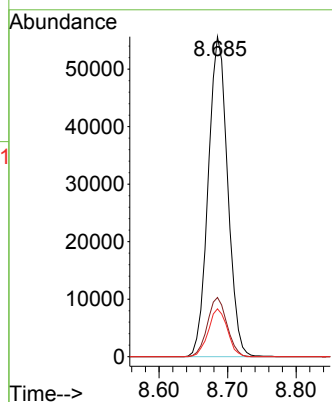
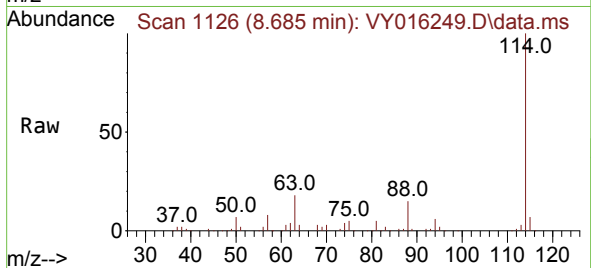
Tgt Ion:114 Resp: 109720

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.225 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.018 min

Lab File: VY016249.D

Acq: 07 Nov 2023 16:41

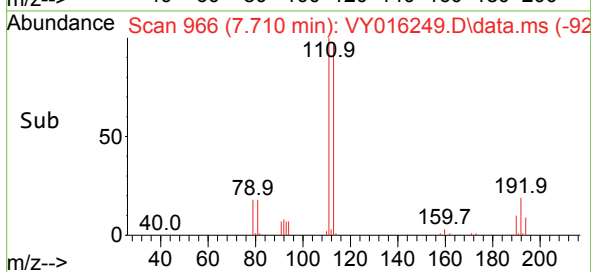
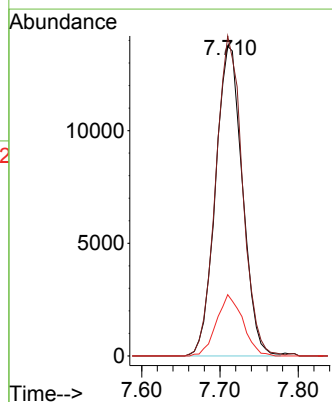
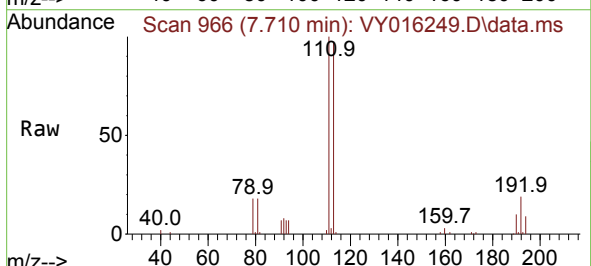
Tgt Ion:113 Resp: 32853

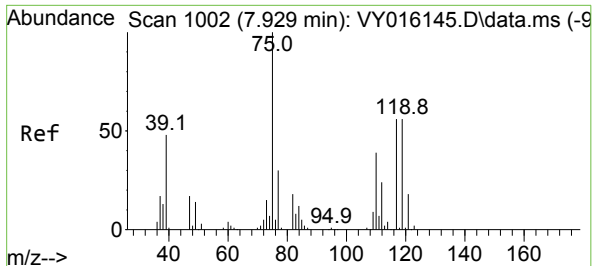
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.146 min

Lab File: VY016249.D

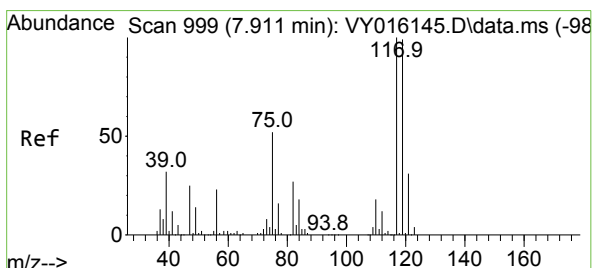
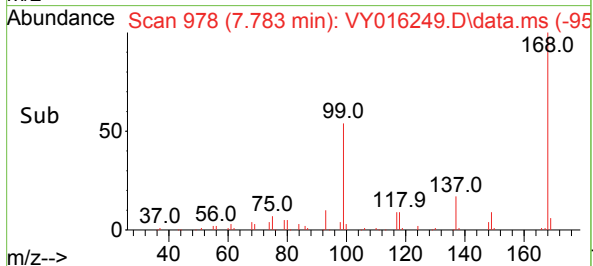
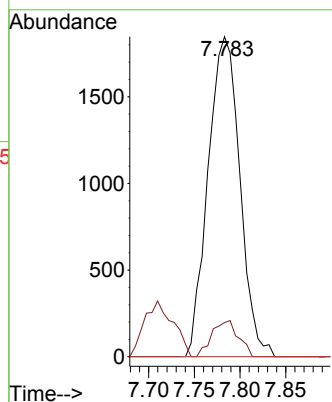
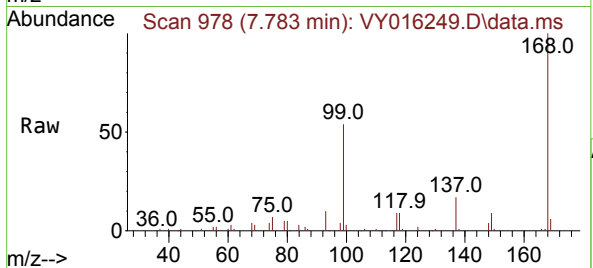
Acq: 07 Nov 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 4470
Ion Ratio	Lower Upper
75	100
110	9.4 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.704 ug/l

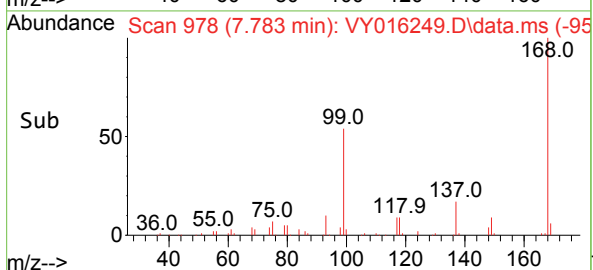
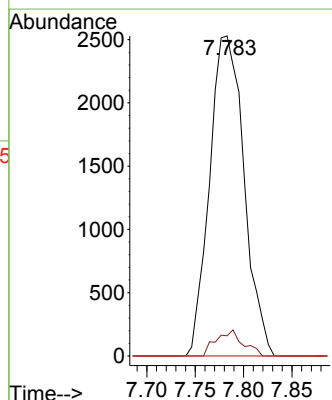
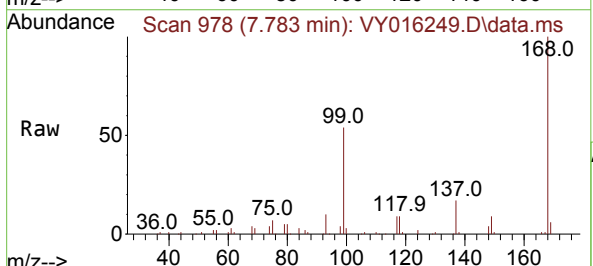
RT: 7.783 min Scan# 978

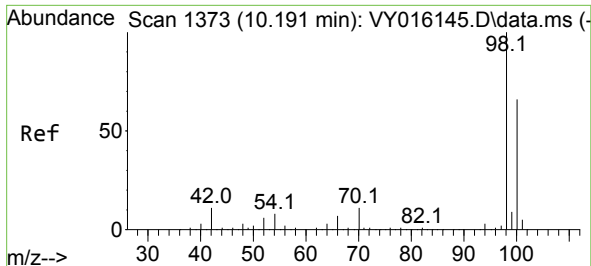
Delta R.T. -0.128 min

Lab File: VY016249.D

Acq: 07 Nov 2023 16:41

Tgt Ion: 117	Resp: 6273
Ion Ratio	Lower Upper
117	100
119	6.3 76.4 114.6#
121	0.0 25.8 38.6#

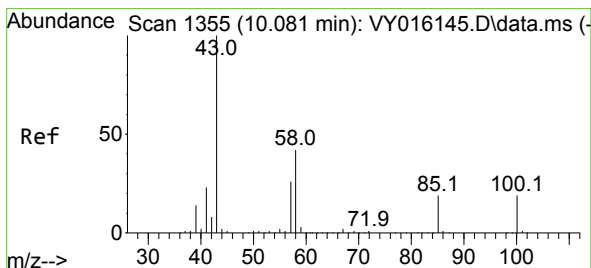
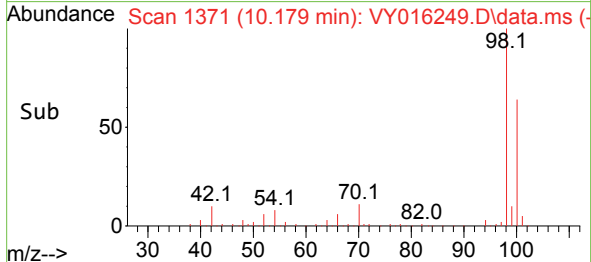
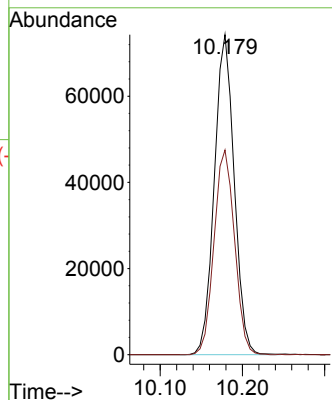
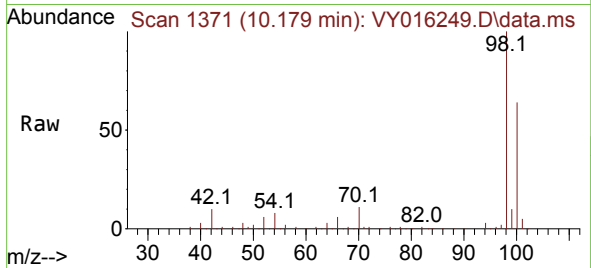




#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

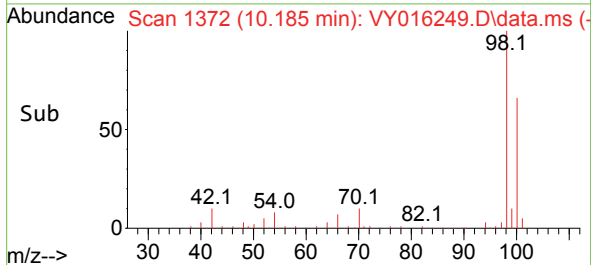
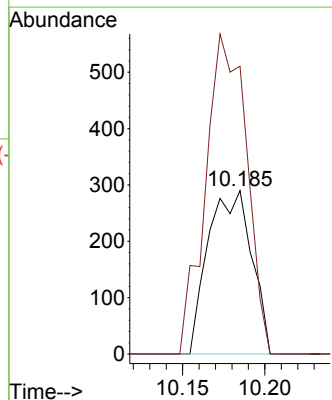
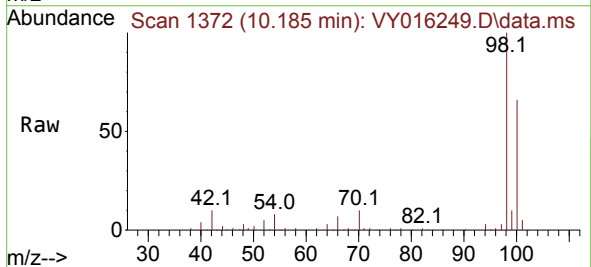
Instrument :
MSVOA_Y
ClientSampleId :

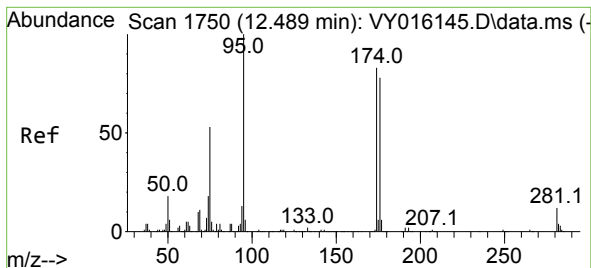
Tgt Ion: 98 Resp: 124545
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.104 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 184.4 29.0 43.6#

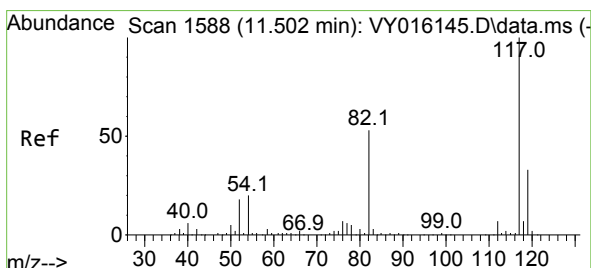
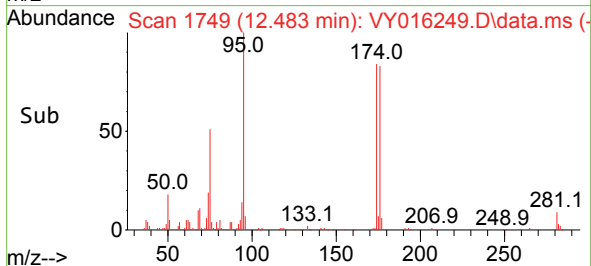
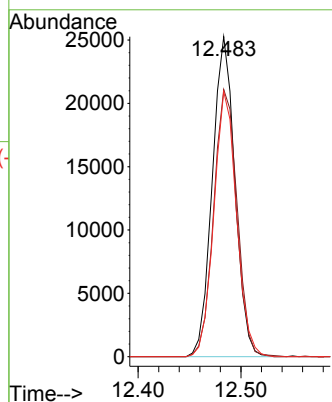
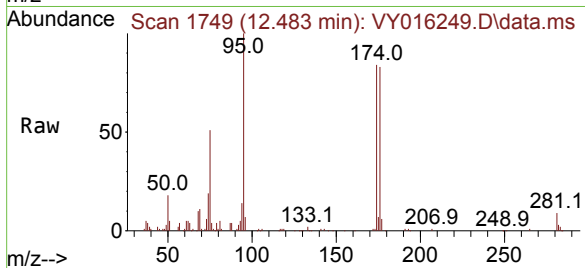




#62
4-Bromofluorobenzene
Concen: 43.427 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

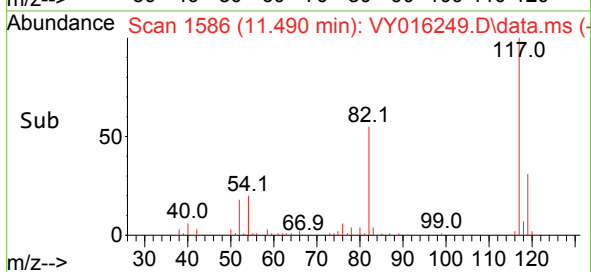
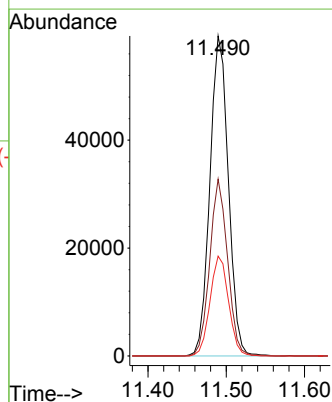
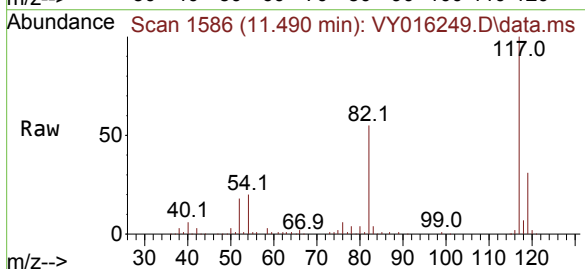
Instrument :
MSVOA_Y
ClientSampleId :

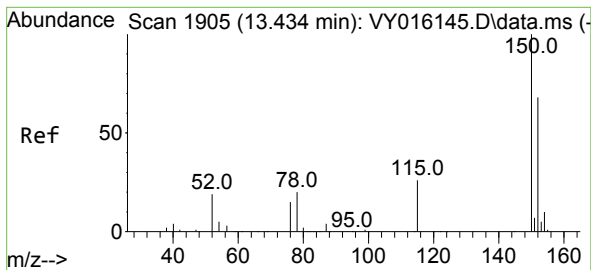
Tgt Ion: 95 Resp: 38512
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 117 Resp: 97074
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.2 26.3 39.5

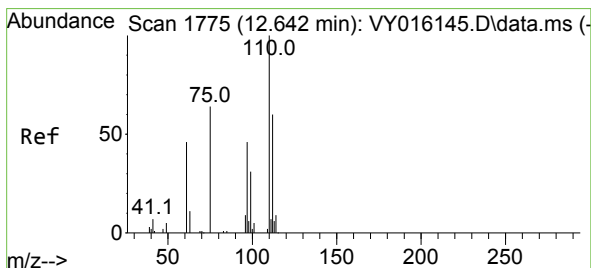
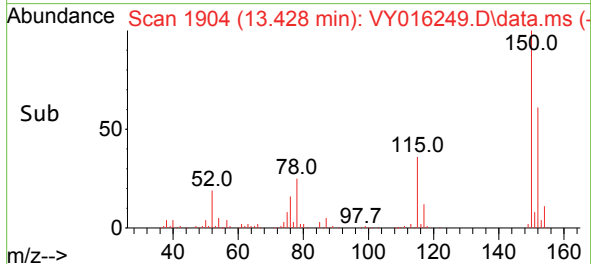
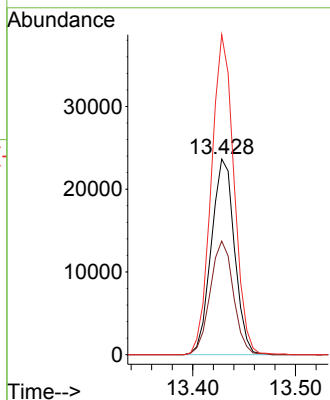
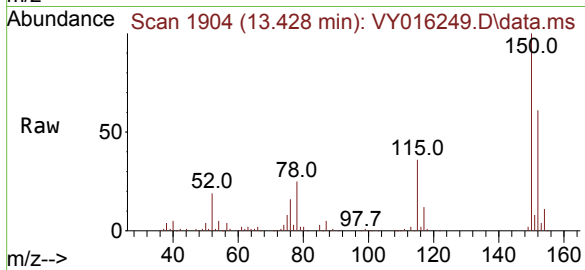




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: VY016249.D
 Acq: 07 Nov 2023 16:41

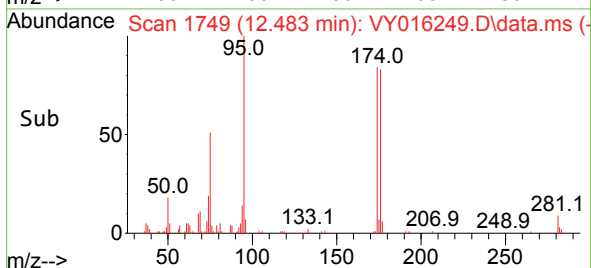
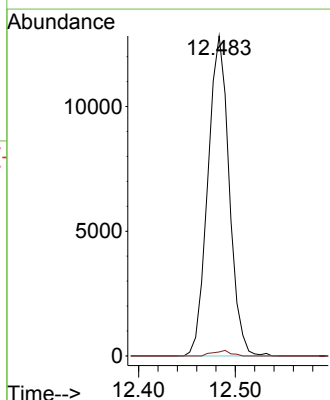
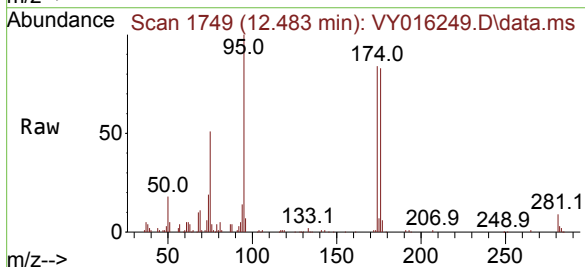
Instrument :
 MSVOA_Y
 ClientSampleId :

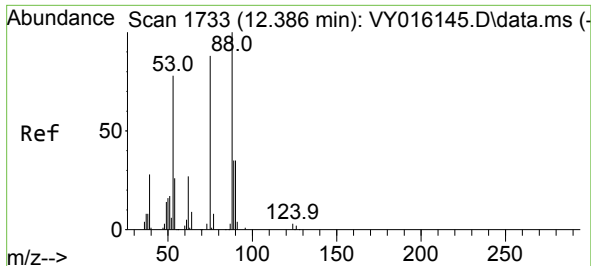
Tgt Ion:152 Resp: 37041
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 159.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 56.476 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.158 min
 Lab File: VY016249.D
 Acq: 07 Nov 2023 16:41

Tgt Ion: 75 Resp: 19700
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

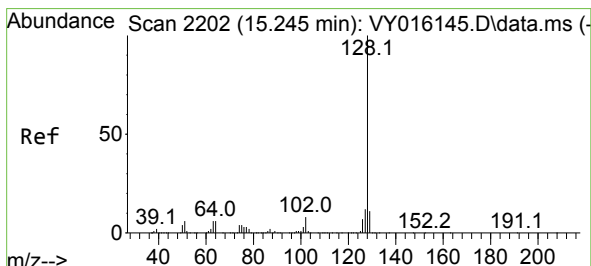
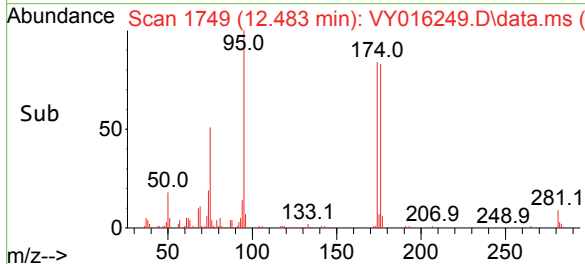
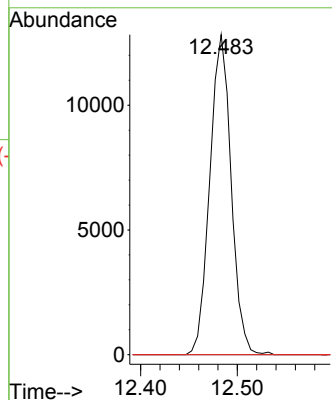
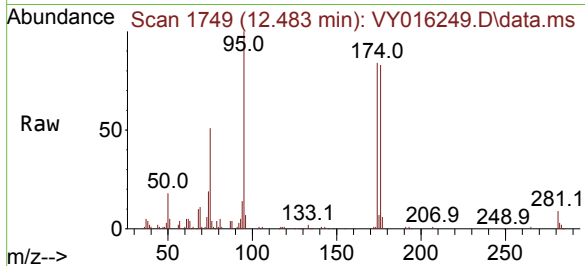




#81
trans-1,4-Dichloro-2-butene
Concen: 122.454 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19700
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.022 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion:128 Resp: 1318
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 9.5 8.6 13.0

