

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016326.D
 Acq On : 13 Nov 2023 16:32
 Operator : SY/MD
 Sample : 05377-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:38:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

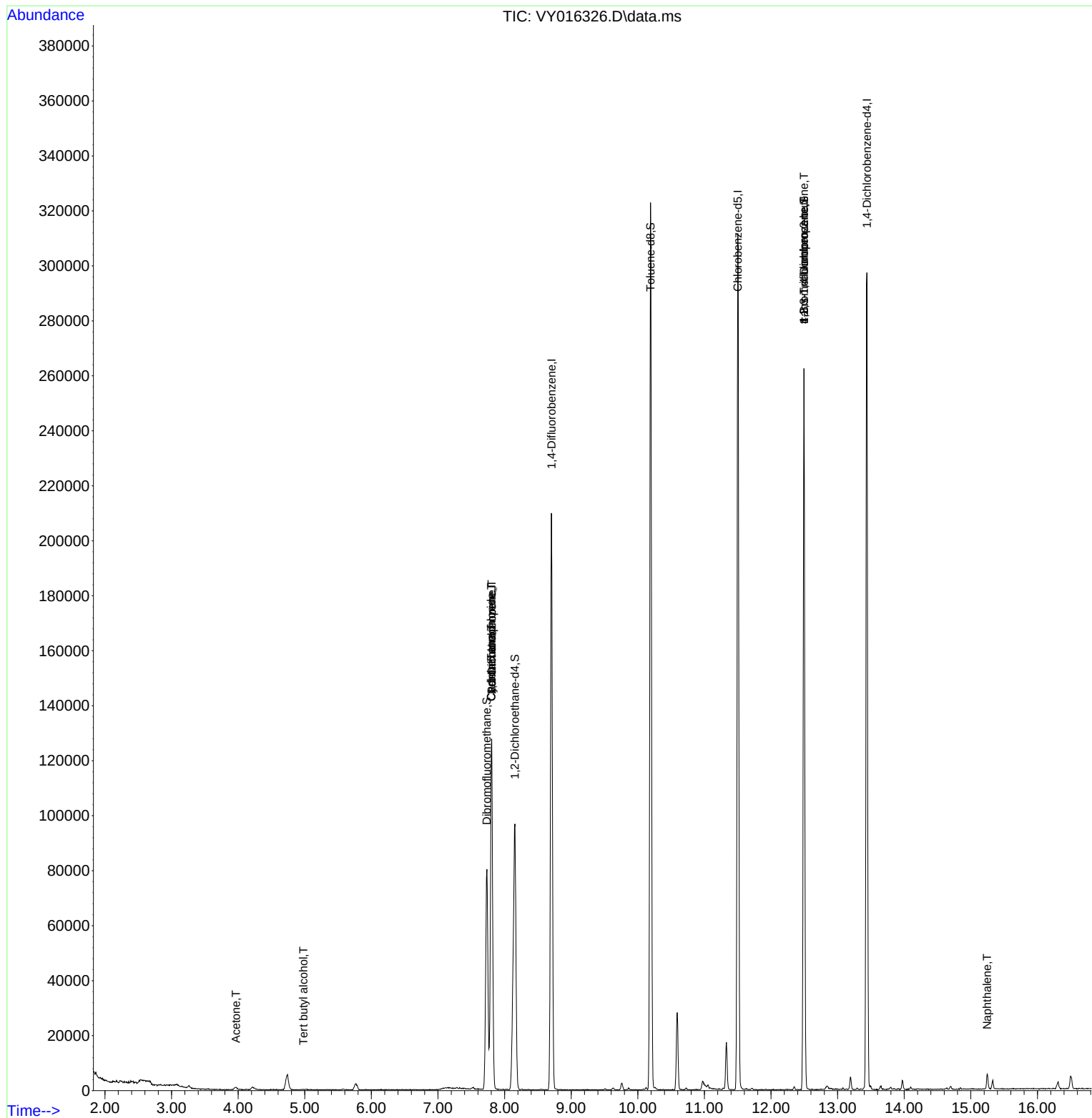
Internal Standards						
1) Pentafluorobenzene	7.807	168	101494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	183399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64594	69.634	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.260%			
35) Dibromofluoromethane	7.734	113	57594	55.282	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.560%			
50) Toluene-d8	10.191	98	213053	50.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.495	95	75037	54.686	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	101	1.390	ug/l #	89
16) Acetone	3.966	43	1851	12.063	ug/l	95
31) Cyclohexane	7.801	56	1875	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7614	4.209	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9990	5.321	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	38607	49.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38607	107.337	ug/l #	11
95) Naphthalene	15.245	128	4955	1.933	ug/l	98

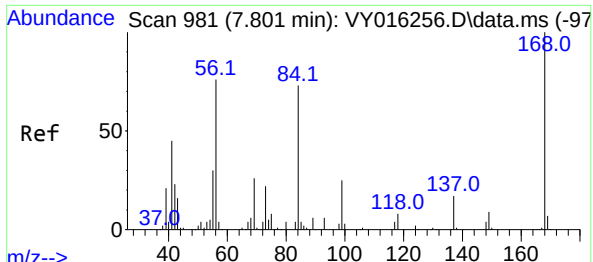
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

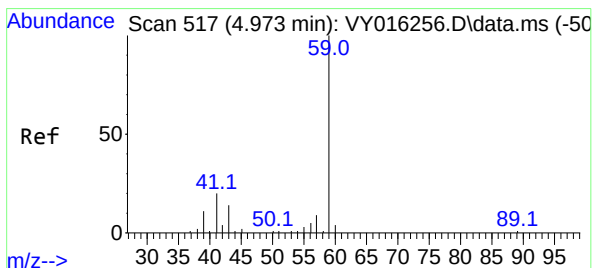
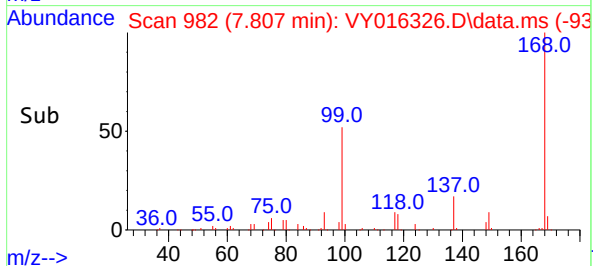
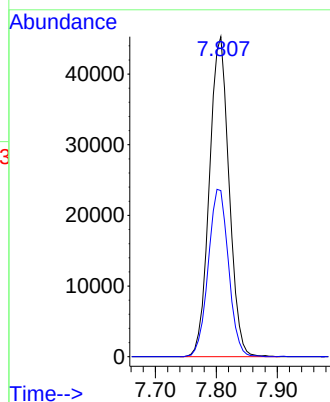
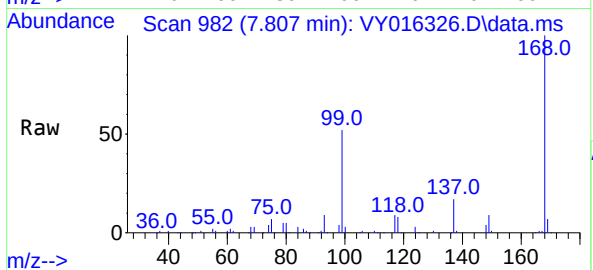




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

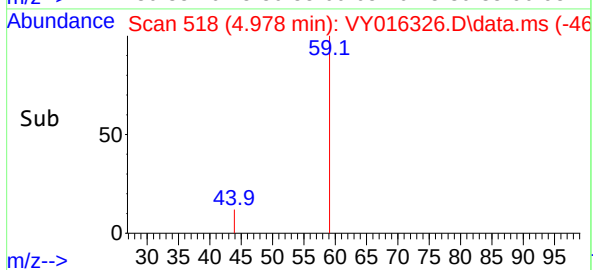
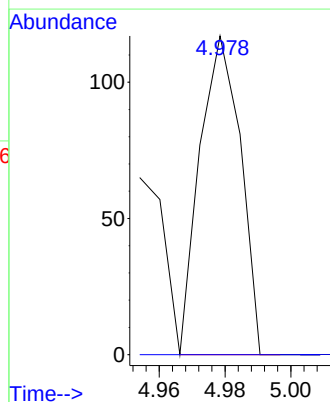
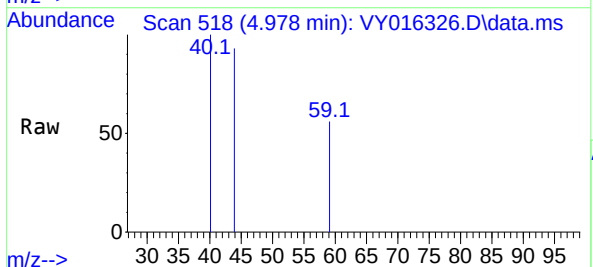
Instrument :
MSVOA_Y
ClientSampleId :

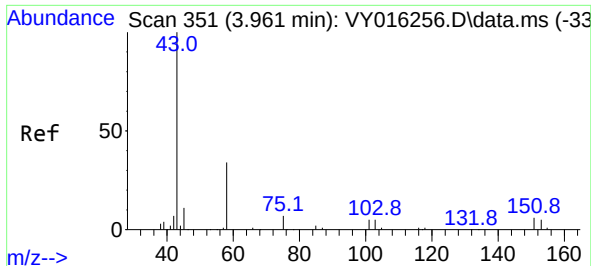
Tgt Ion:168 Resp: 101494
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.390 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

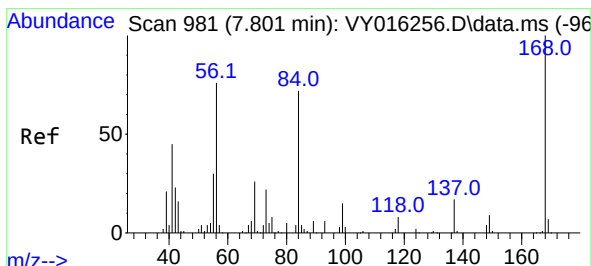
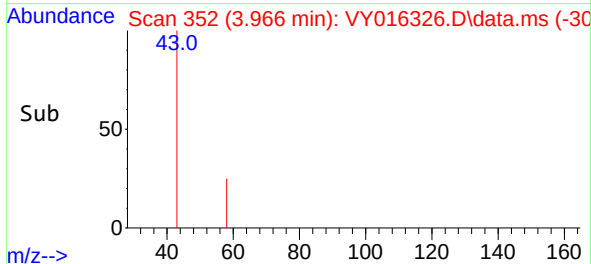
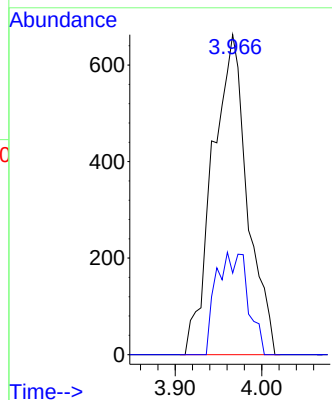
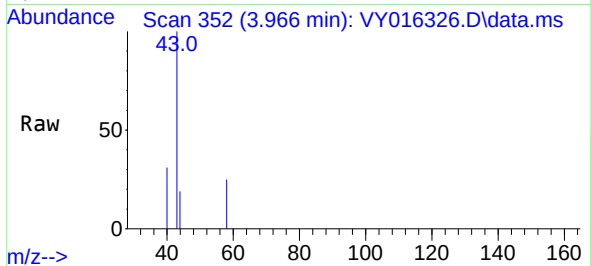




#16
Acetone
Concen: 12.063 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

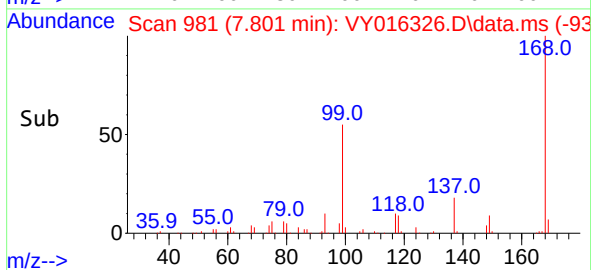
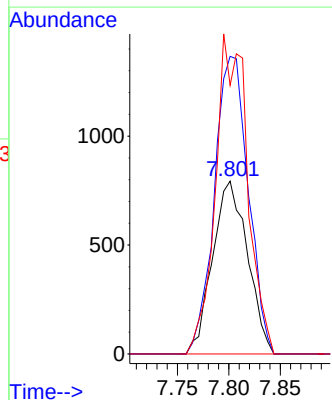
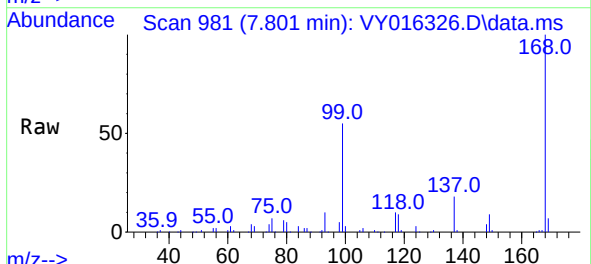
Instrument :
MSVOA_Y
ClientSampleId :

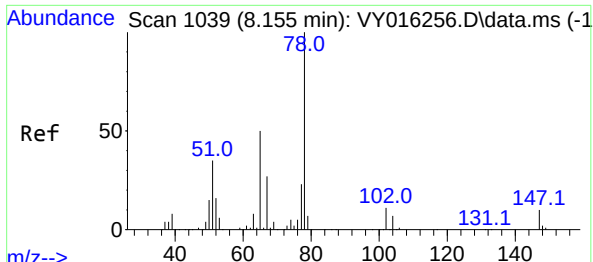
Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
58 25.5 22.7 34.1



#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

Tgt Ion: 56 Resp: 1875
Ion Ratio Lower Upper
56 100
69 172.3 27.8 41.6#
84 155.5 66.4 99.6#

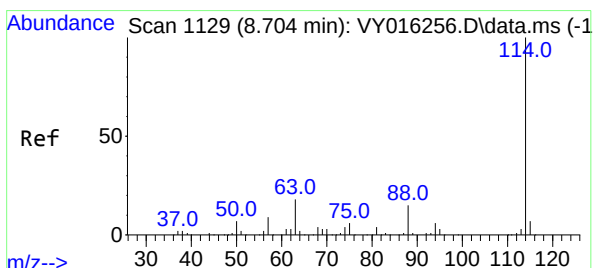
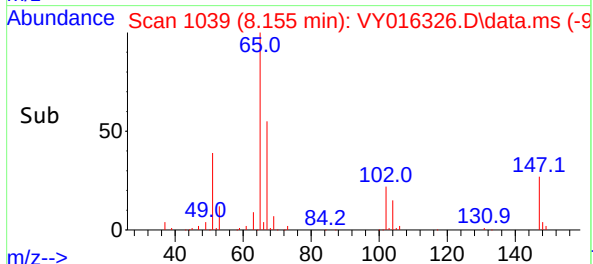
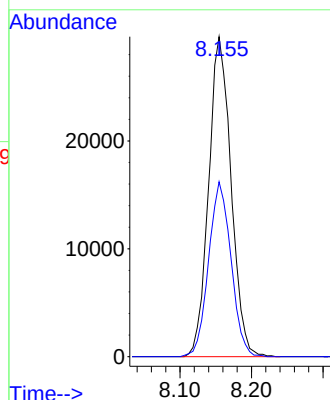
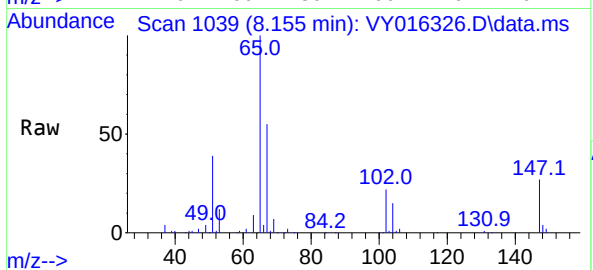




#33
1,2-Dichloroethane-d4
Concen: 69.634 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

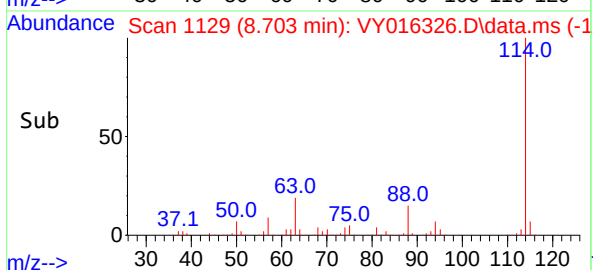
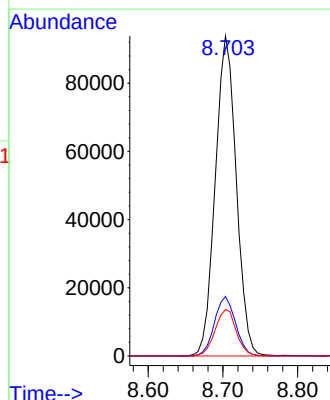
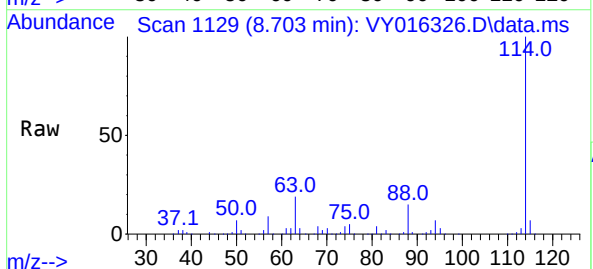
Instrument :
MSVOA_Y
ClientSampleId :

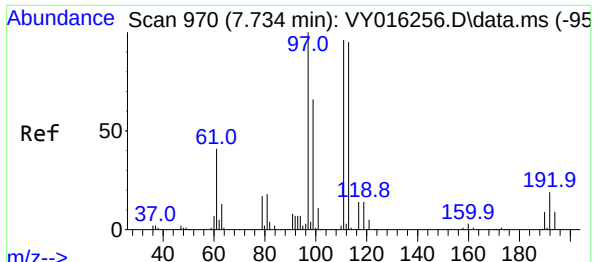
Tgt Ion: 65 Resp: 64594
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

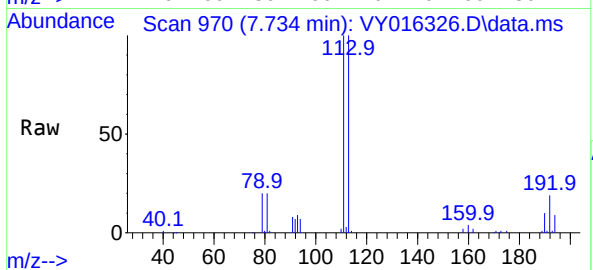
Tgt Ion: 114 Resp: 183399
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 14.5 0.0 30.6



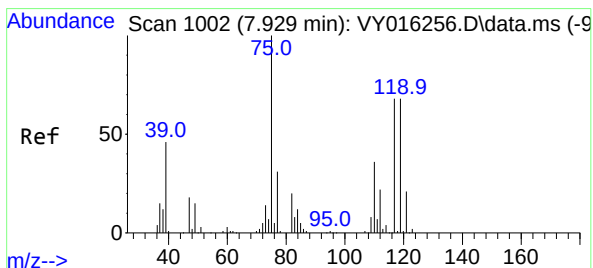
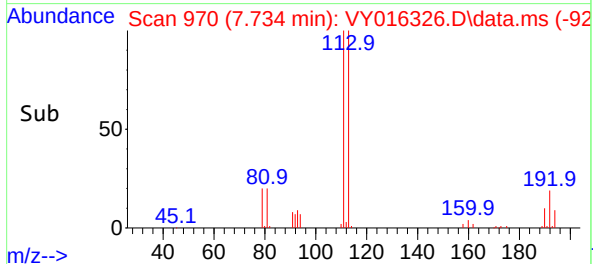
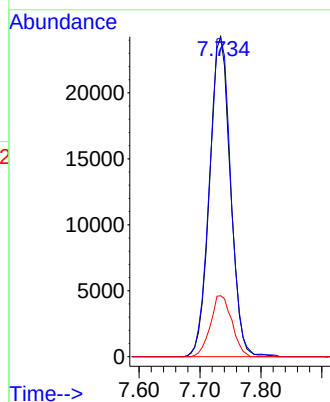


#35
Dibromofluoromethane
Concen: 55.282 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :

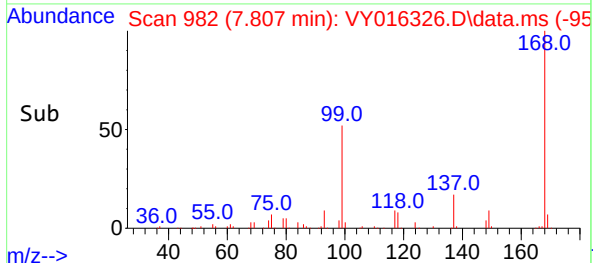
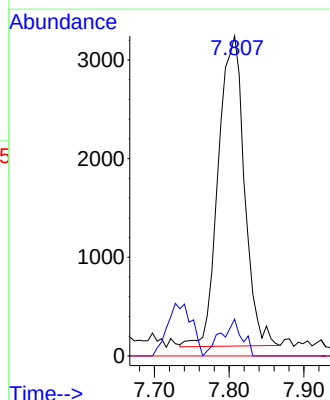
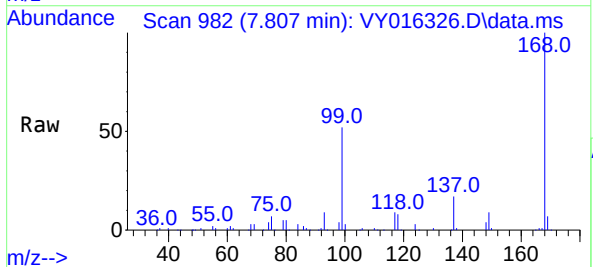


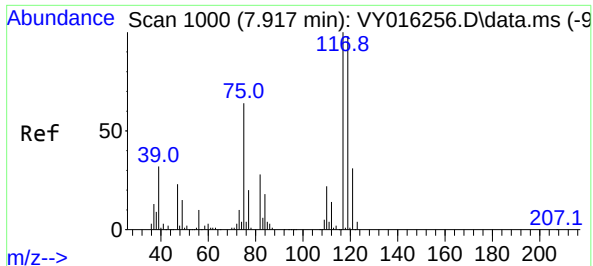
Tgt Ion:113 Resp: 57594
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

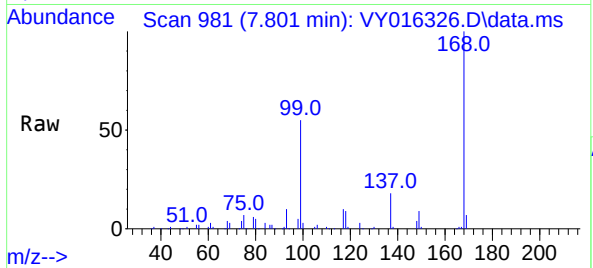
Tgt Ion: 75 Resp: 7614
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



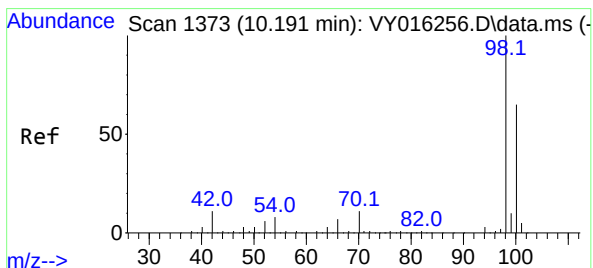
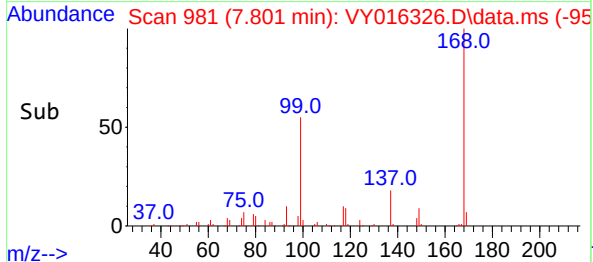
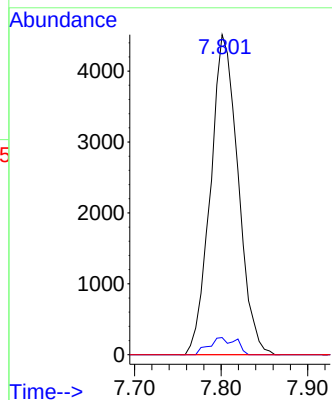


#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :

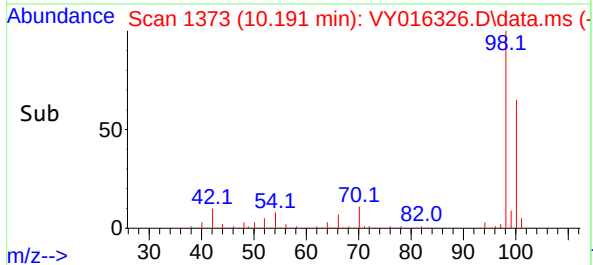
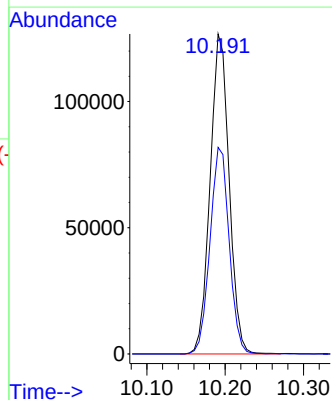
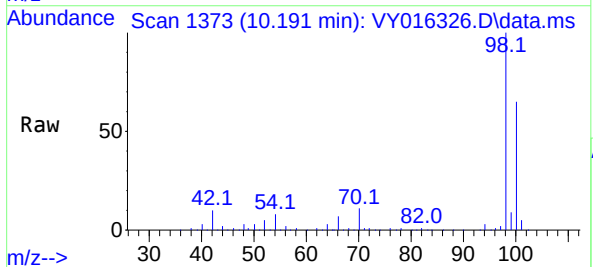


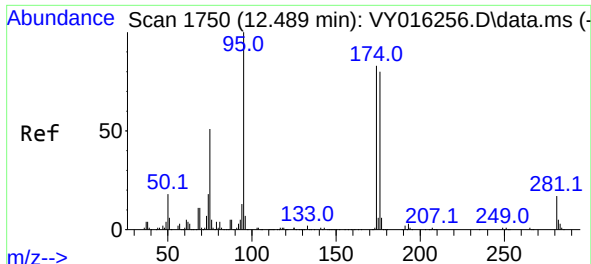
Tgt Ion:117 Resp: 9990
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.429 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

Tgt Ion: 98 Resp: 213053
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

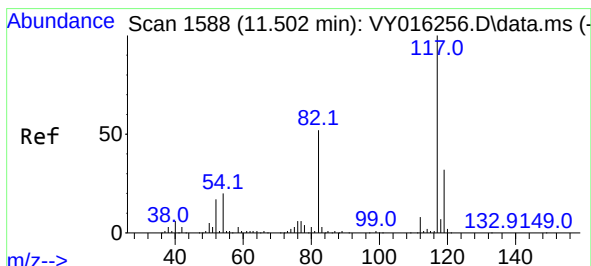
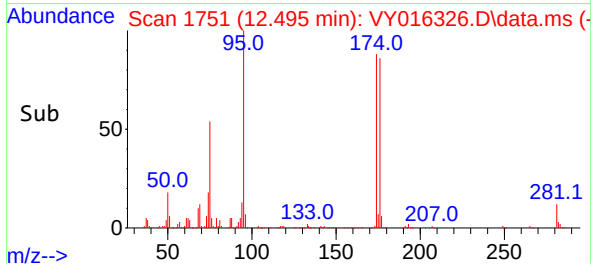
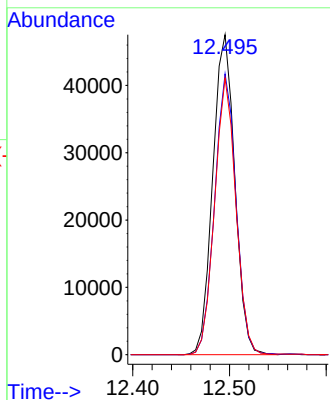
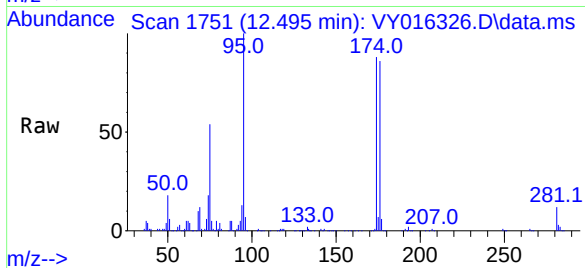




#62
4-Bromofluorobenzene
Concen: 54.686 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

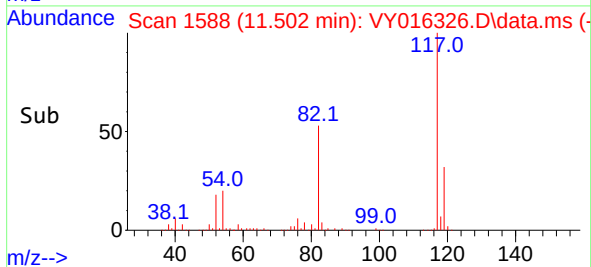
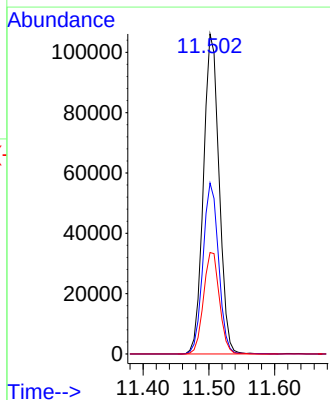
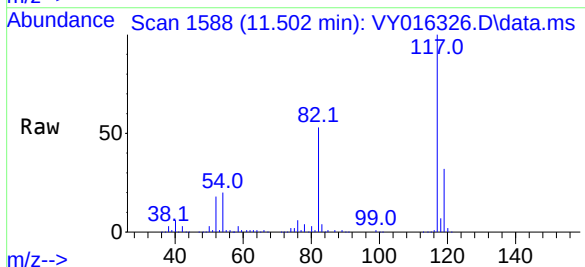
Instrument :
MSVOA_Y
ClientSampleId :

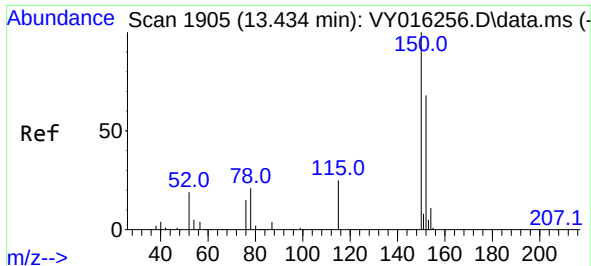
Tgt Ion: 95 Resp: 75037
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

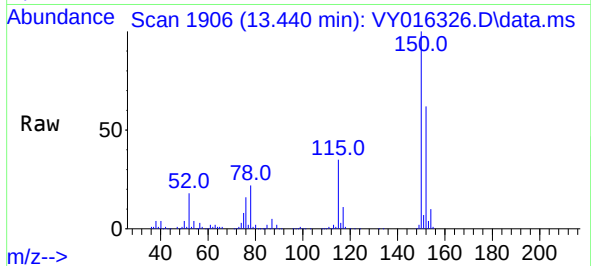
Tgt Ion: 117 Resp: 175812
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.7 26.3 39.5



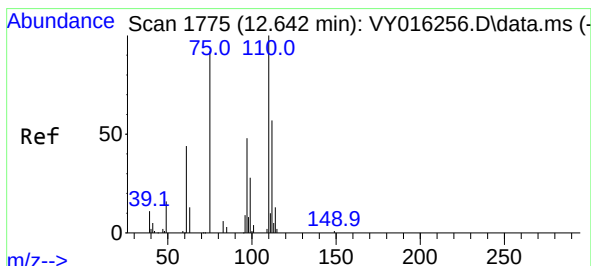
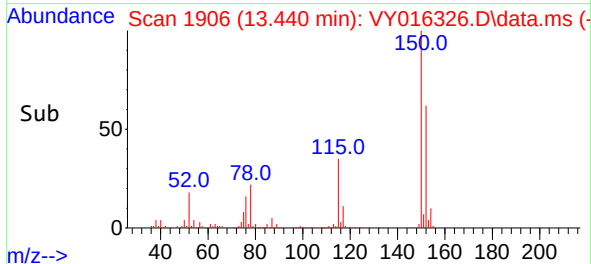
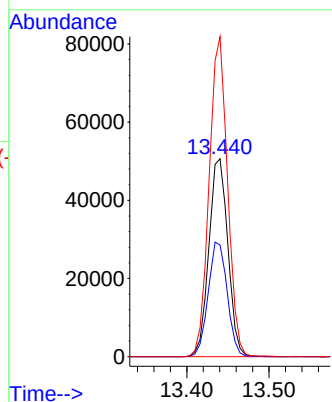


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016326.D
 Acq: 13 Nov 2023 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :

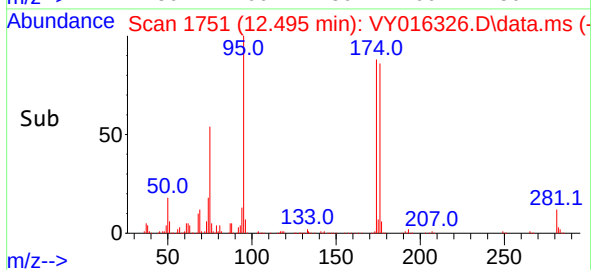
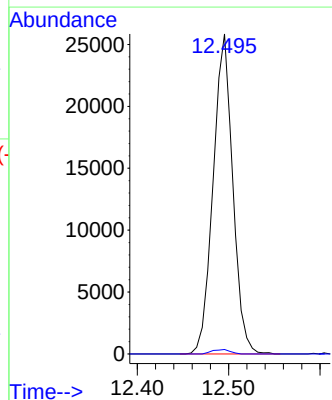
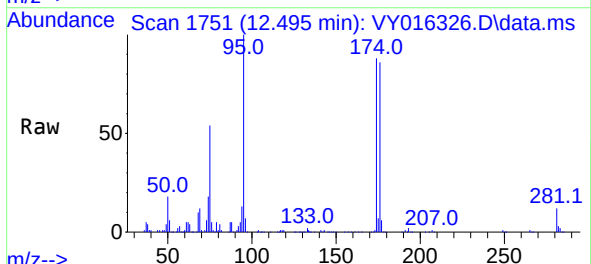


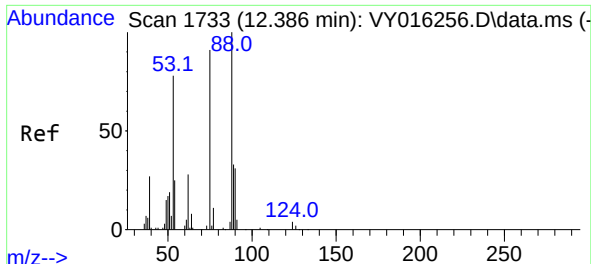
Tgt Ion:152 Resp: 81385
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 49.451 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.146 min
 Lab File: VY016326.D
 Acq: 13 Nov 2023 16:32

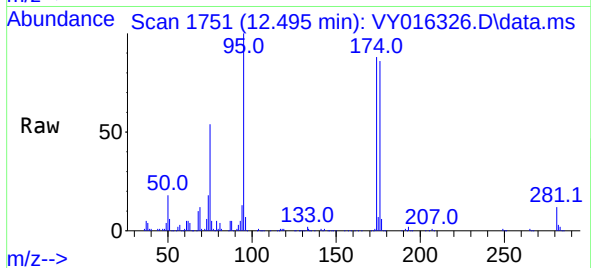
Tgt Ion: 75 Resp: 38607
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



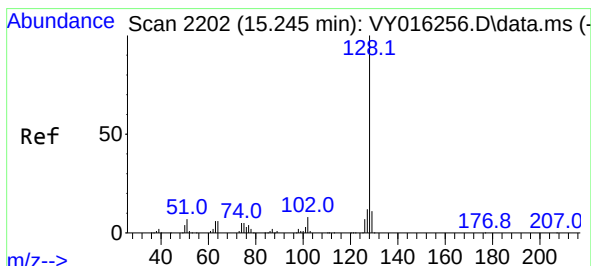
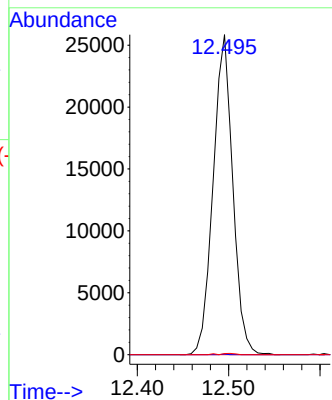
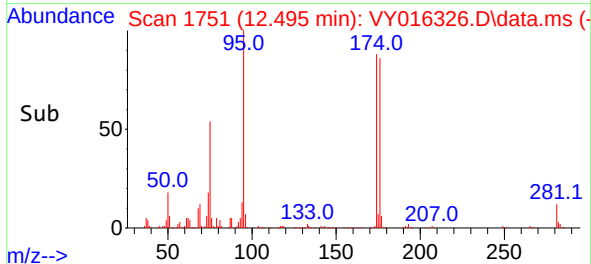


#81
trans-1,4-Dichloro-2-butene
Concen: 107.337 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32

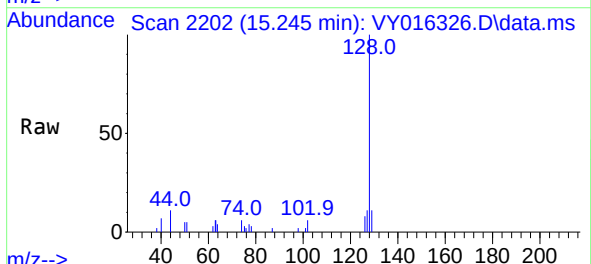
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 38607
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.3 37.4 56.0#



#95
Naphthalene
Concen: 1.933 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016326.D
Acq: 13 Nov 2023 16:32



Tgt Ion: 128 Resp: 4955
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 10.4 8.6 13.0

