

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016305.D
 Acq On : 10 Nov 2023 13:58
 Operator : SY/MD
 Sample : 05351-01
 Misc : 4.12 g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Nov 10 22:21:28 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)

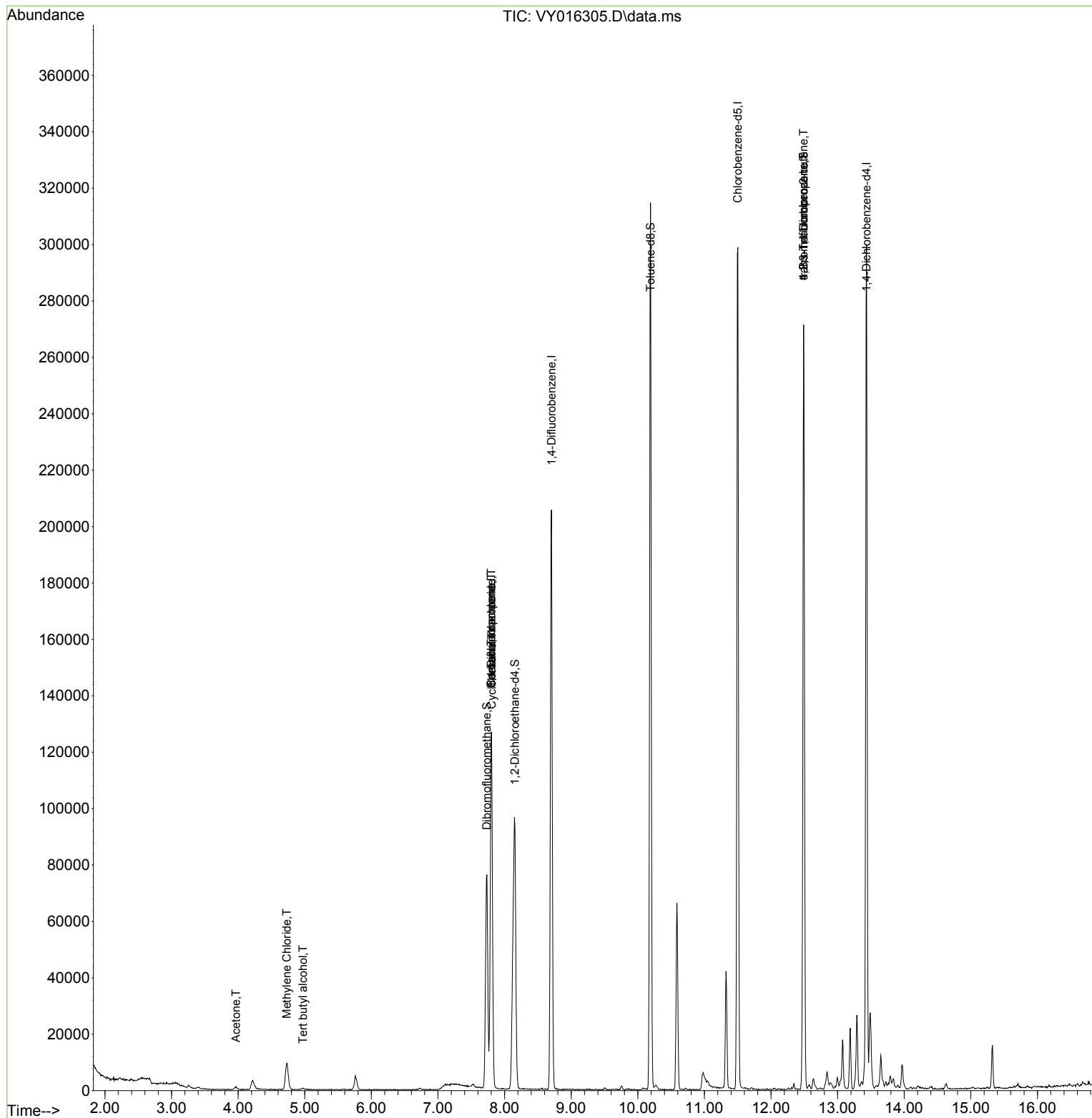
Internal Standards						
1) Pentafluorobenzene	7.801	168	100699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	178056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61042	66.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.640%	
35) Dibromofluoromethane	7.734	113	55183	54.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.191	98	208274	50.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.489	95	72257	54.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1053	14.611	ug/l #	89
16) Acetone	3.966	43	1749	11.489	ug/l #	82
20) Methylene Chloride	4.728	84	7745	3.999	ug/l #	85
31) Cyclohexane	7.807	56	2081	1.148	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	7843	4.466	ug/l #	49
38) Carbon Tetrachloride	7.801	117	9698	5.320	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	37556	49.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37556	108.080	ug/l #	11

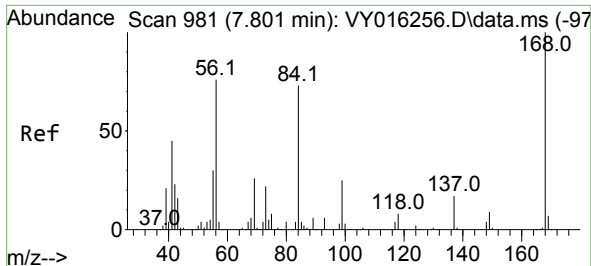
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
Data File : VY016305.D
Acq On : 10 Nov 2023 13:58
Operator : SY/MD
Sample : 05351-01
Misc : 4.12 g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Quant Time: Nov 10 22:21:28 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

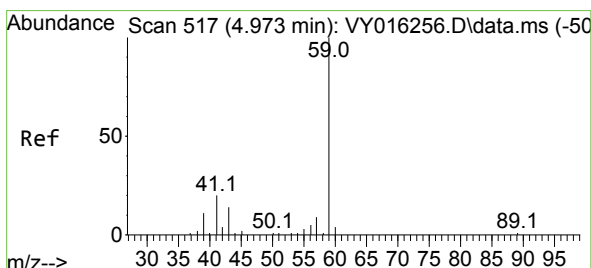
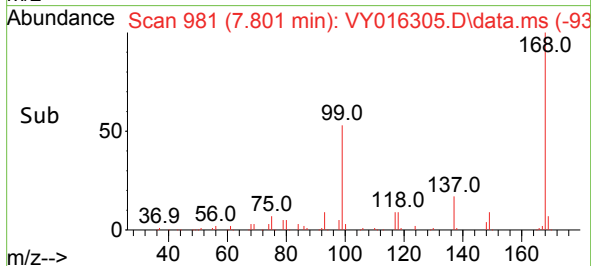
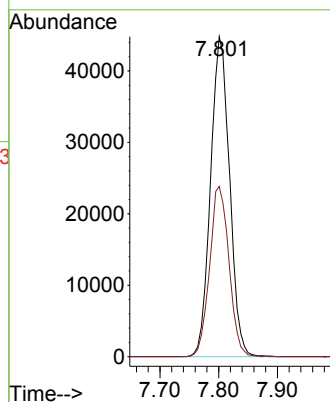
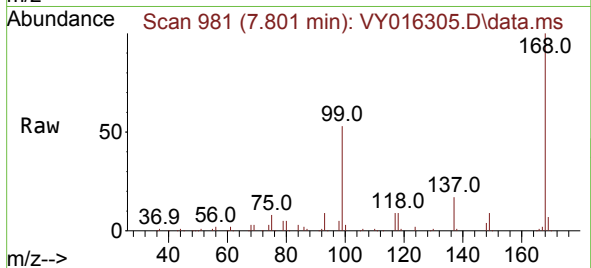




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

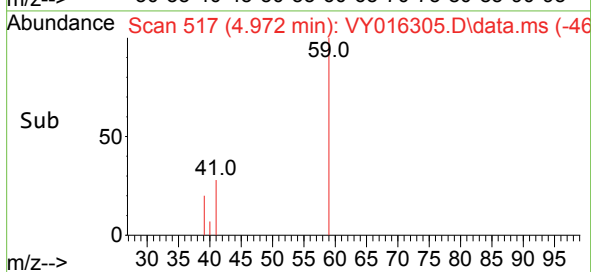
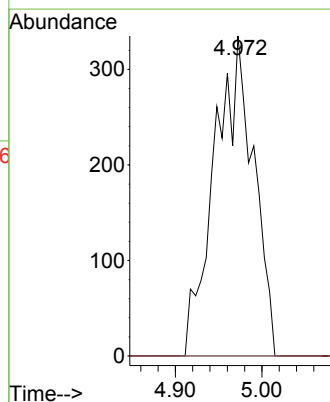
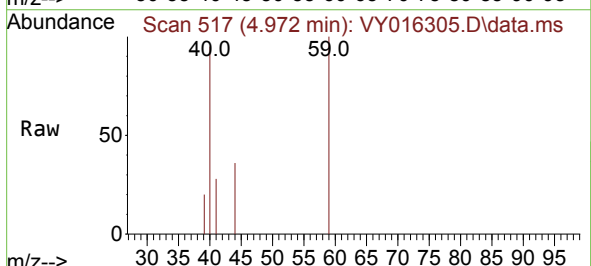
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

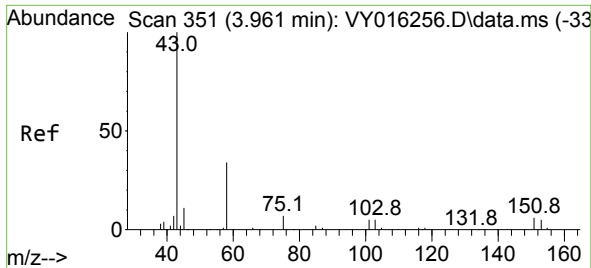
Tgt Ion:168 Resp: 100699
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 14.611 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

Tgt Ion: 59 Resp: 1053
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

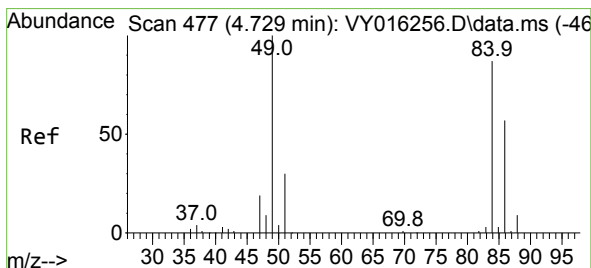
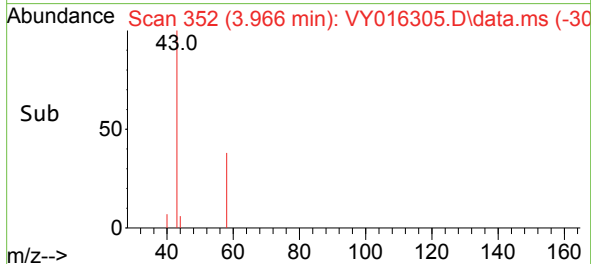
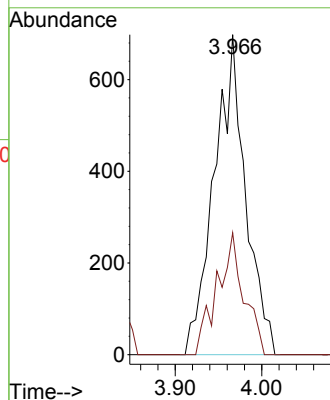
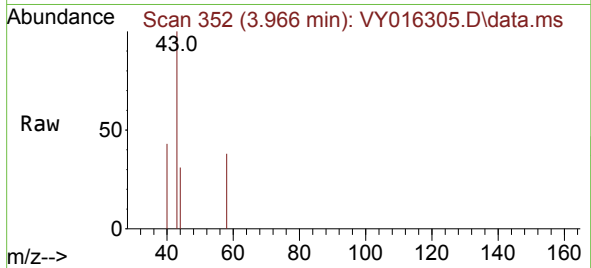




#16
Acetone
Concen: 11.489 ug/l
RT: 3.966 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

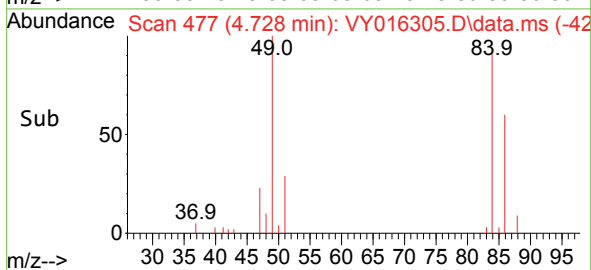
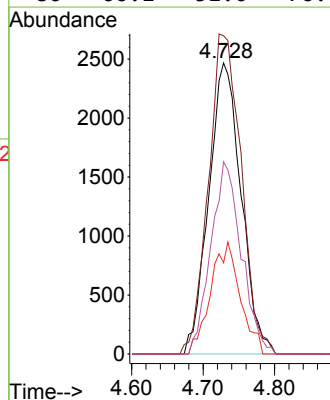
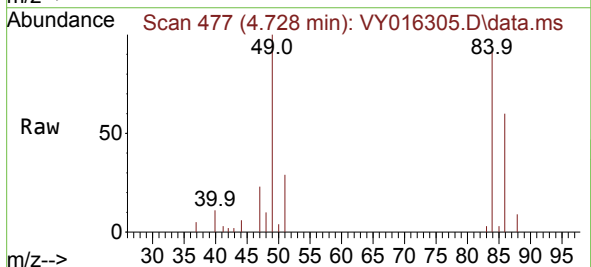
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

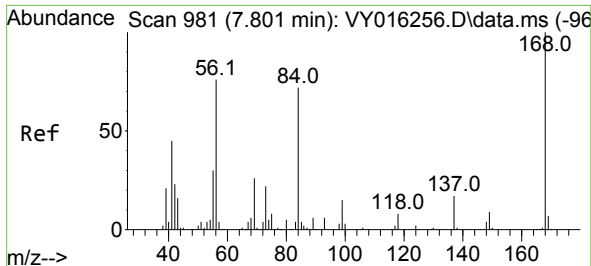
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 38.1 22.7 34.1#



#20
Methylene Chloride
Concen: 3.999 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

Tgt Ion: 84 Resp: 7745
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 31.4 33.2 49.8#
86 66.1 51.0 76.6

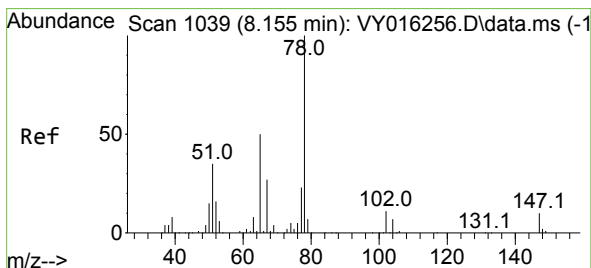
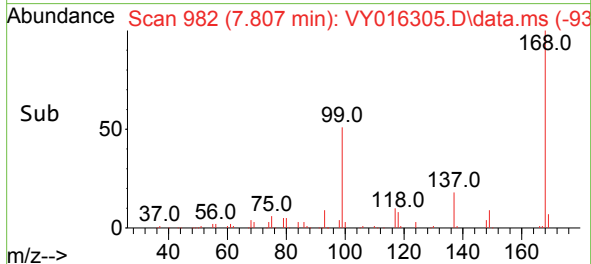
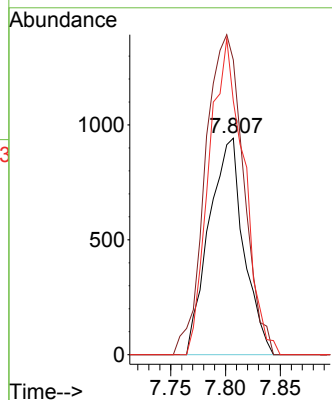
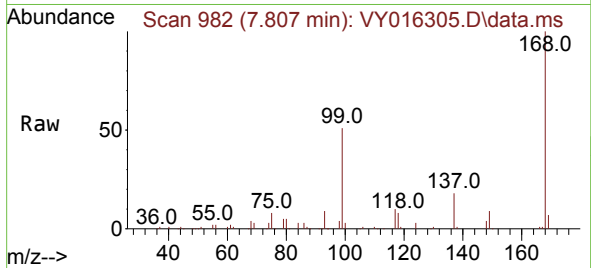




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

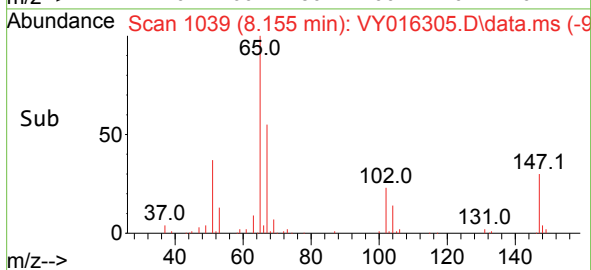
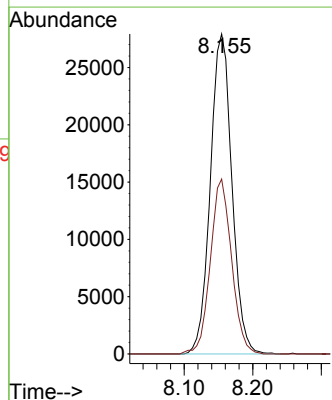
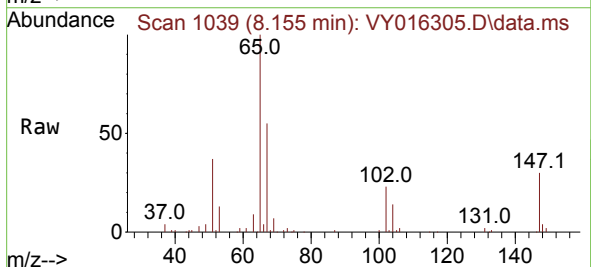
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

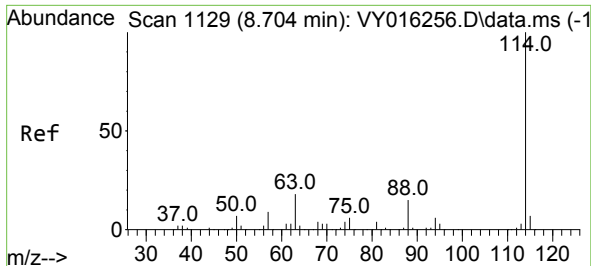
Tgt Ion: 56 Resp: 2081
Ion Ratio Lower Upper
56 100
69 136.2 27.8 41.6#
84 117.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.325 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

Tgt Ion: 65 Resp: 61042
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8

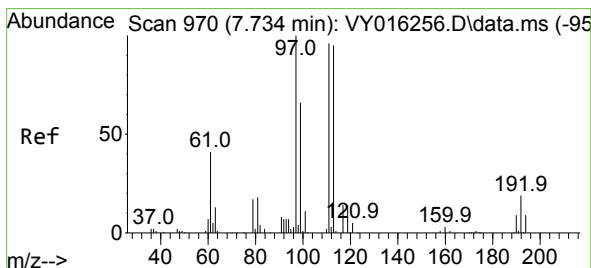
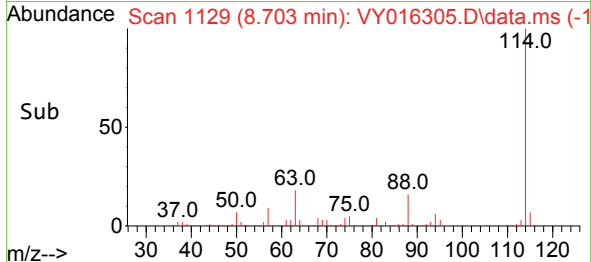
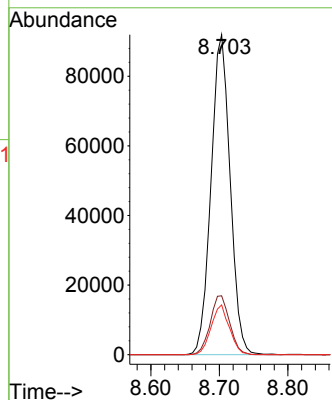
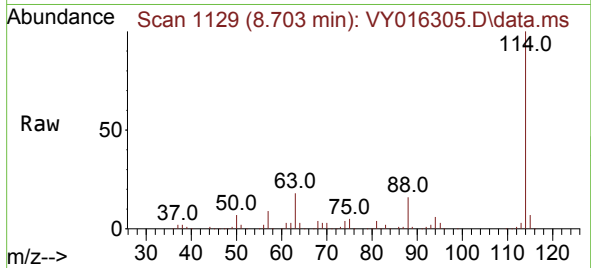




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

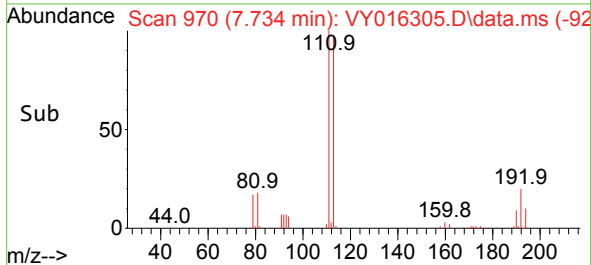
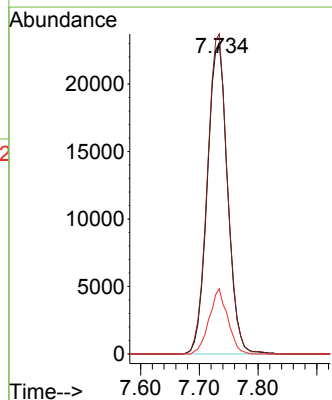
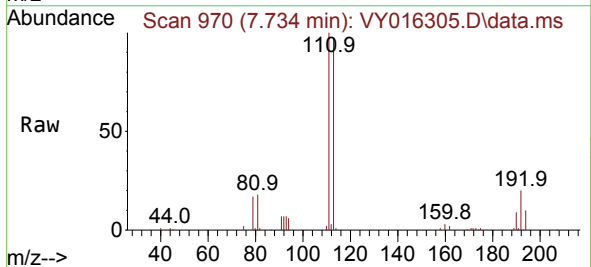
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

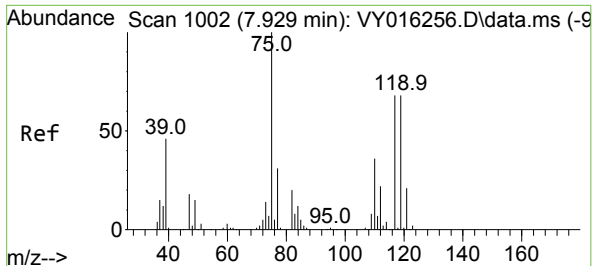
Tgt Ion:114 Resp: 178056
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.557 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

Tgt Ion:113 Resp: 55183
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.466 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY016305.D

Acq: 10 Nov 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

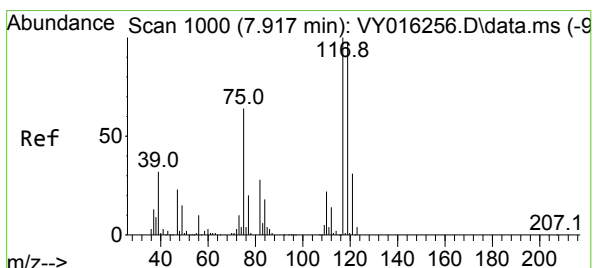
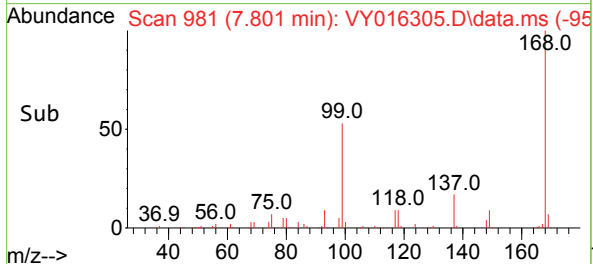
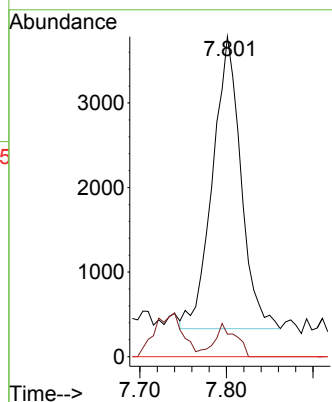
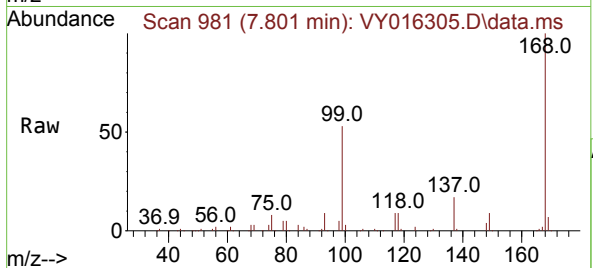
Tgt Ion: 75 Resp: 7843

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.320 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016305.D

Acq: 10 Nov 2023 13:58

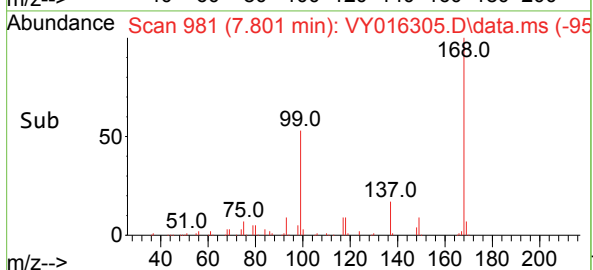
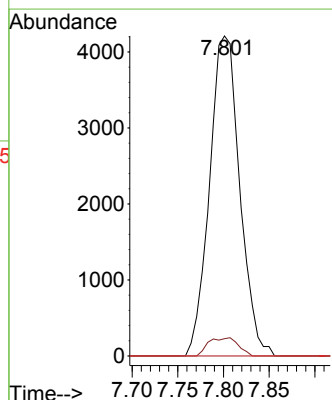
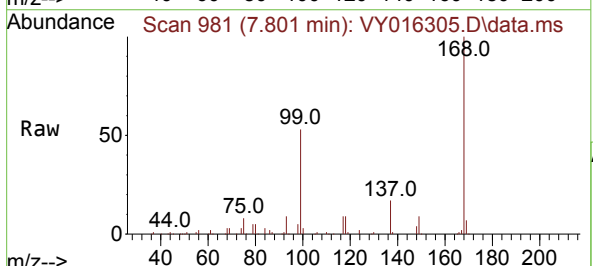
Tgt Ion: 117 Resp: 9698

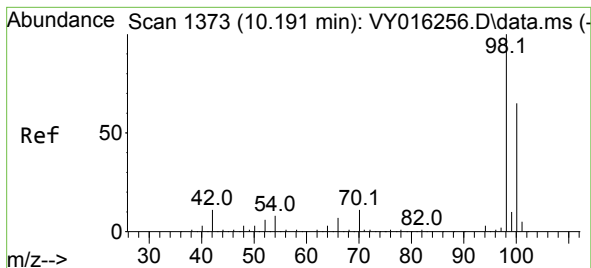
Ion Ratio Lower Upper

117 100

119 5.4 76.4 114.6#

121 0.0 25.8 38.6#

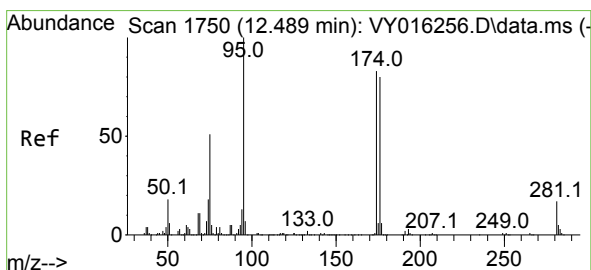
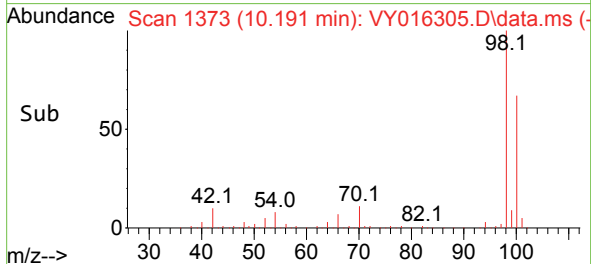
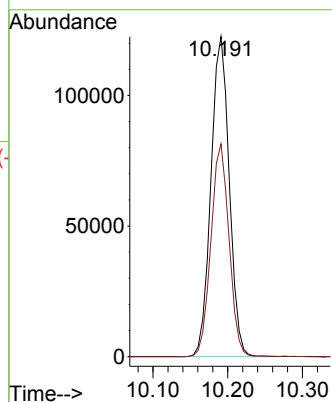
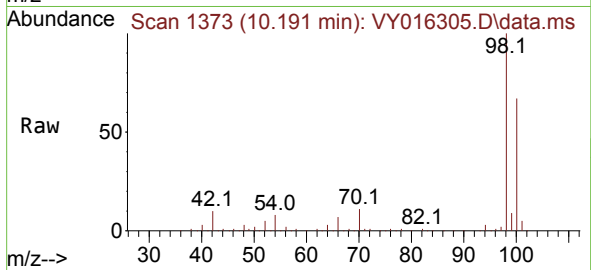




#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

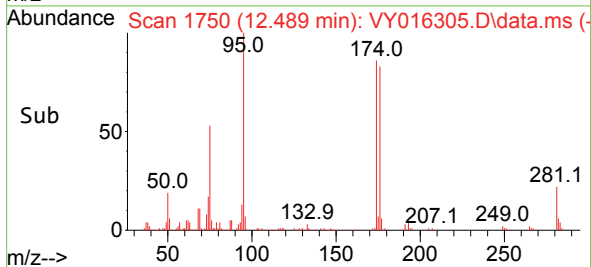
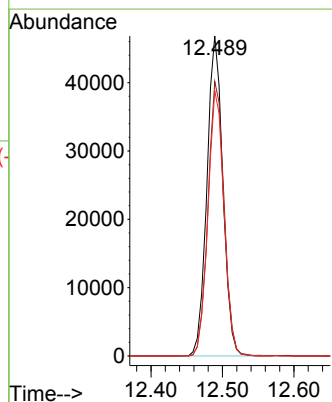
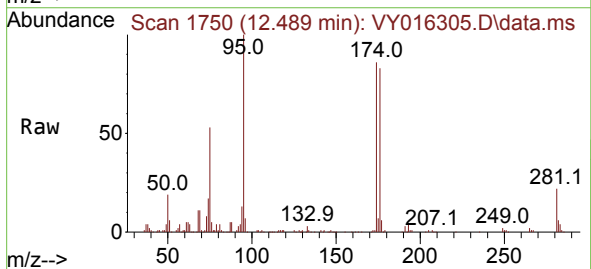
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

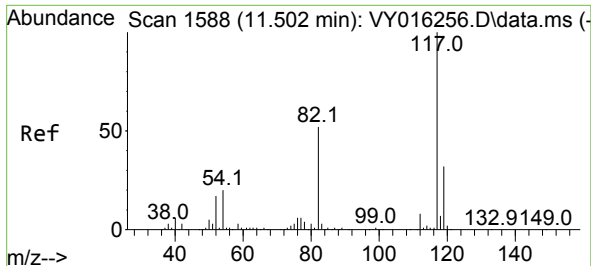
Tgt Ion: 98 Resp: 208274
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.240 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

Tgt Ion: 95 Resp: 72257
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.5 0.0 173.8

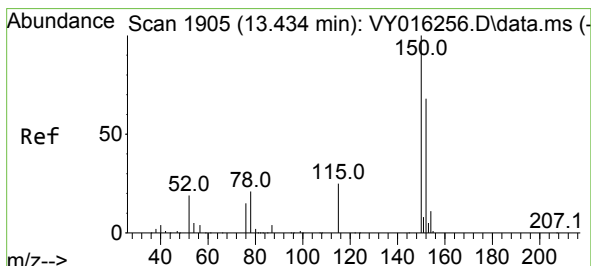
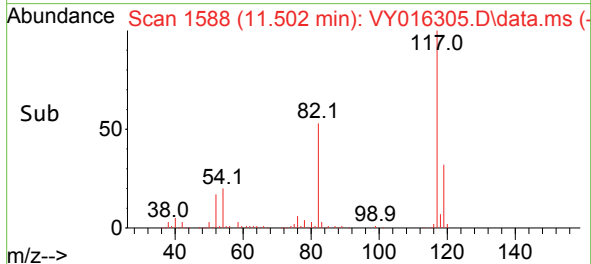
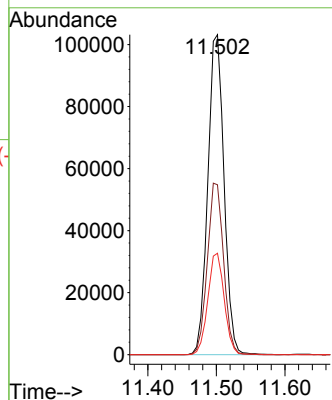
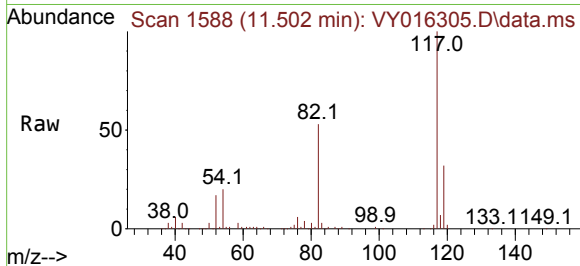




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

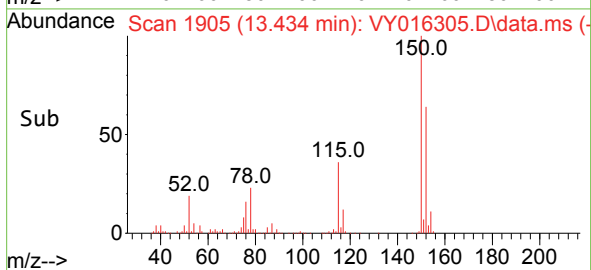
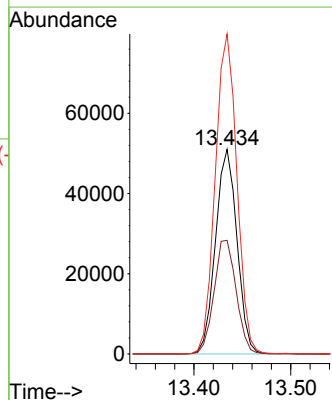
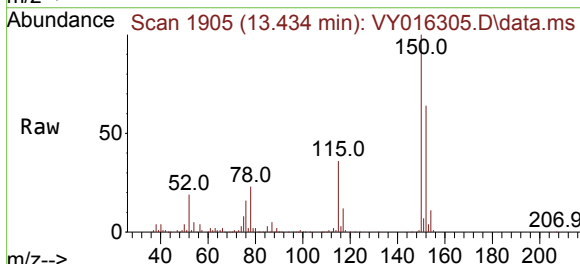
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

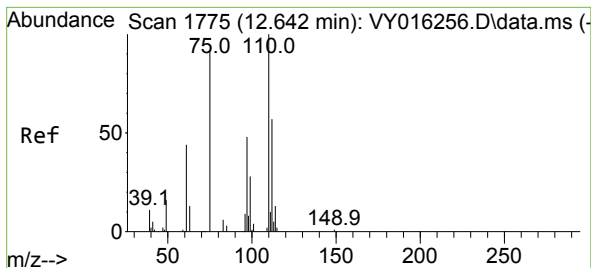
Tgt Ion:117 Resp: 170093
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016305.D
Acq: 10 Nov 2023 13:58

Tgt Ion:152 Resp: 78625
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 157.0 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 49.793 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016305.D

Acq: 10 Nov 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

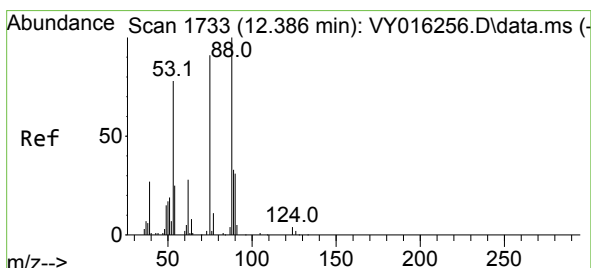
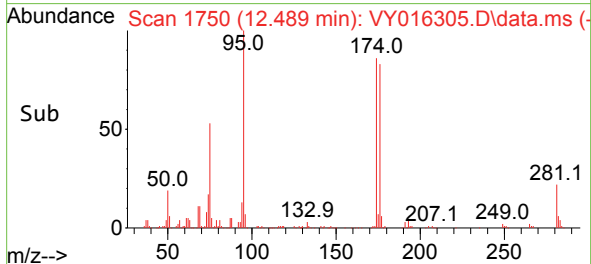
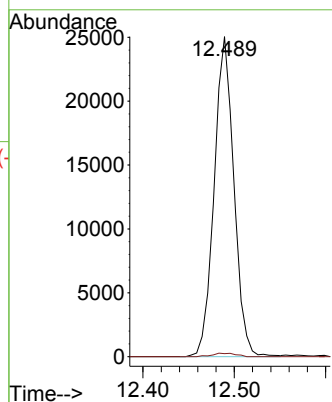
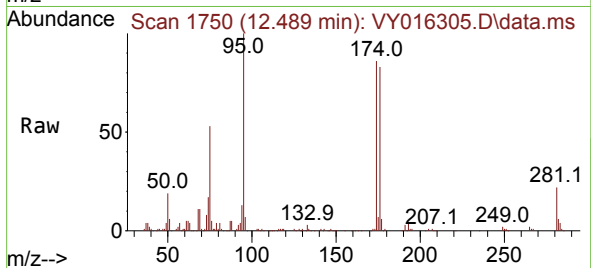
VNJ-241

Tgt Ion: 75 Resp: 37556

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.080 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016305.D

Acq: 10 Nov 2023 13:58

Tgt Ion: 75 Resp: 37556

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.3 37.4 56.0#

