

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016300.D
 Acq On : 10 Nov 2023 12:01
 Operator : SY/MD
 Sample : 05356-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205

Quant Time: Nov 10 22:19:36 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	100530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	180591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63717	69.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.700%
35) Dibromofluoromethane	7.728	113	54834	53.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.191	98	209388	50.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.489	95	73960	54.739	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.480%

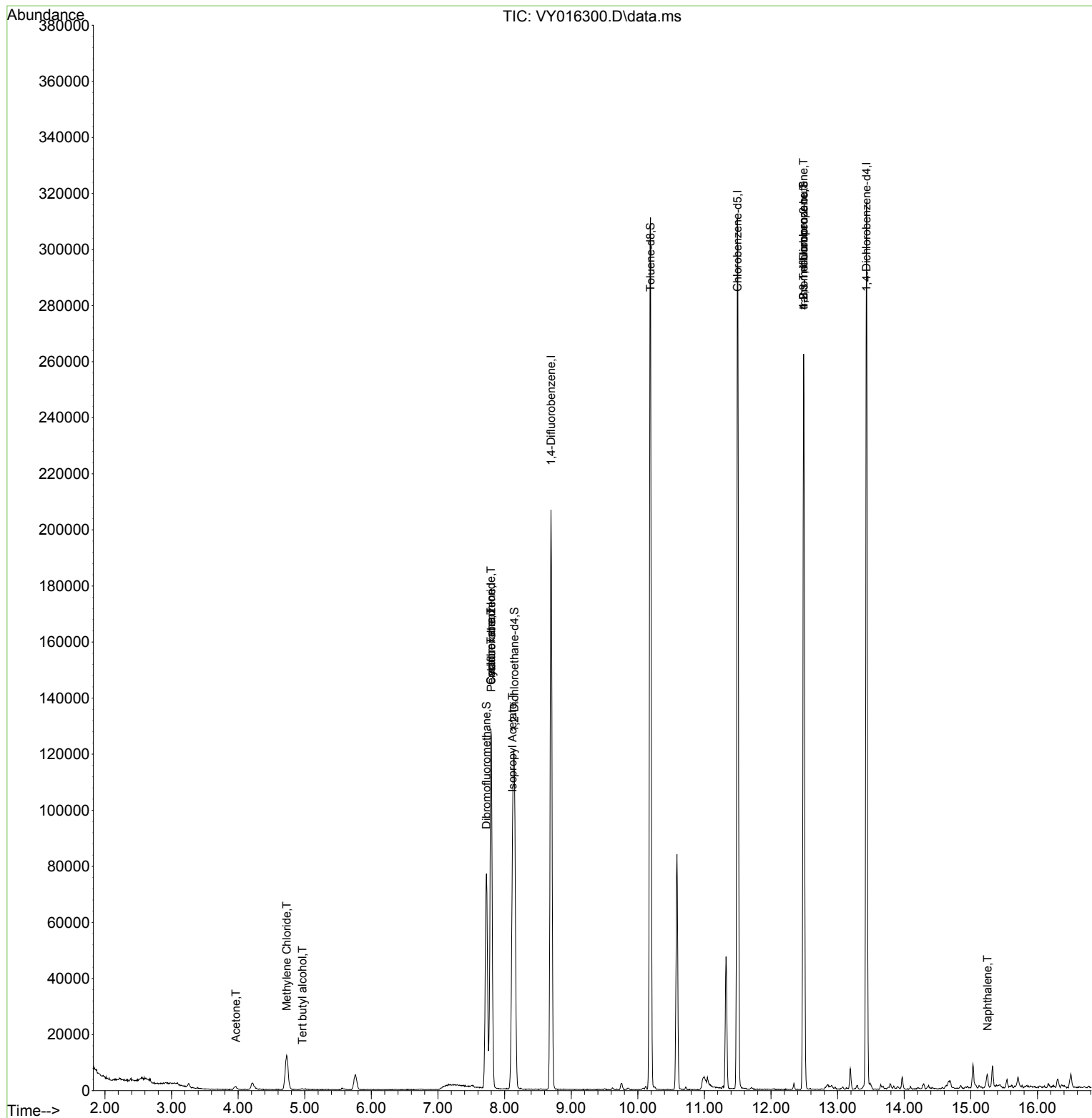
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	773	10.744	ug/l #	89
16) Acetone	3.967	43	2157	14.192	ug/l #	74
20) Methylene Chloride	4.729	84	9966	6.236	ug/l #	81
31) Cyclohexane	7.795	56	1960	1.083	ug/l #	1
38) Carbon Tetrachloride	7.795	117	9954	5.384	ug/l #	15
43) Isopropyl Acetate	8.118	43	2018	1.450	ug/l #	4
76) 1,2,3-Trichloropropane	12.489	75	38375	49.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38375	107.006	ug/l #	11
95) Naphthalene	15.251	128	3866	1.513	ug/l	98

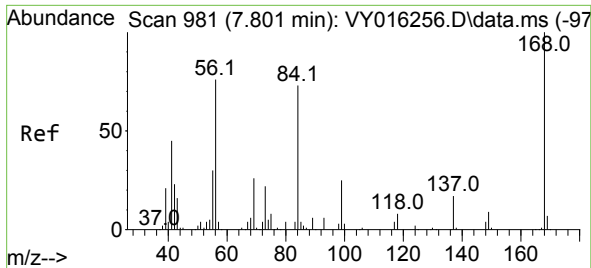
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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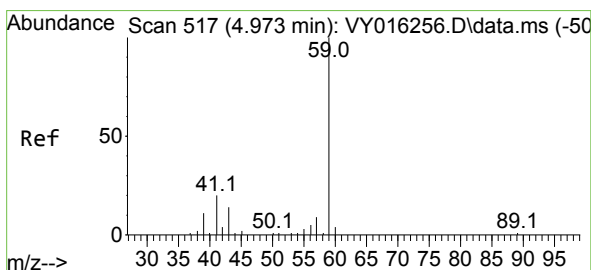
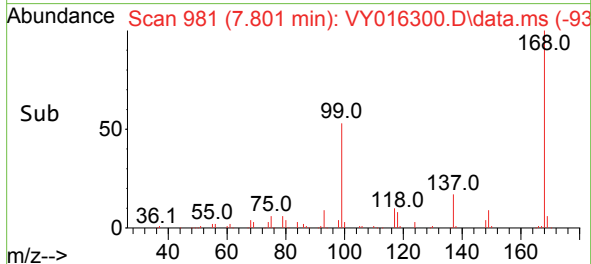
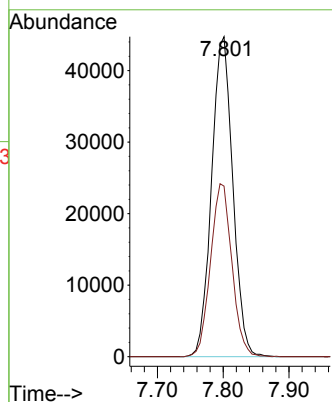
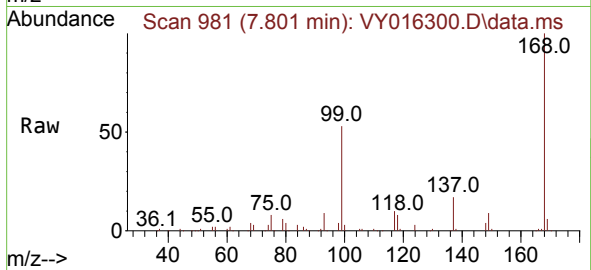




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

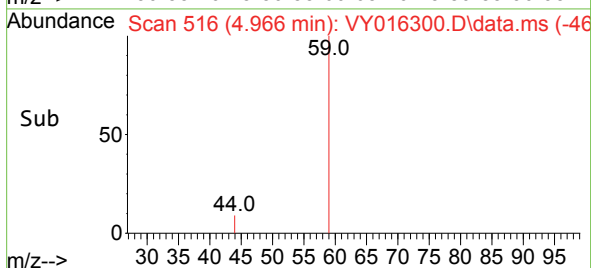
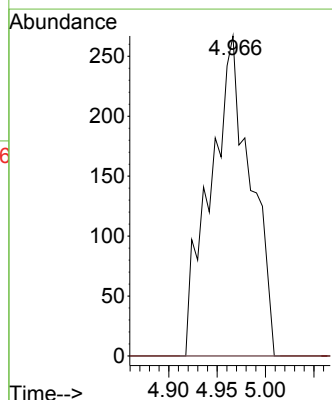
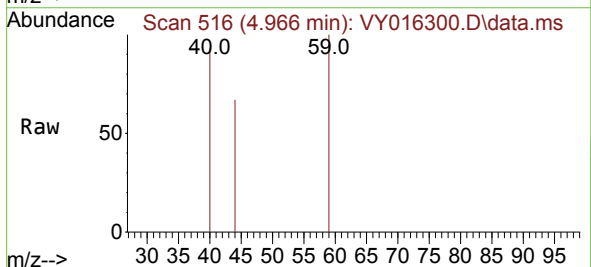
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

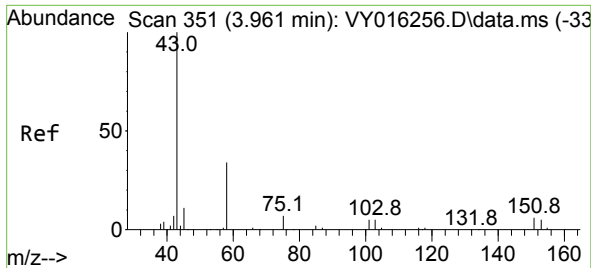
Tgt Ion:168 Resp: 100530
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.744 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Tgt Ion: 59 Resp: 773
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

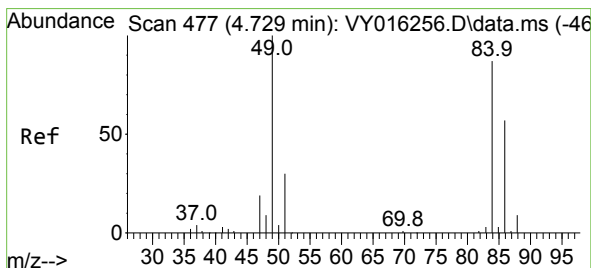
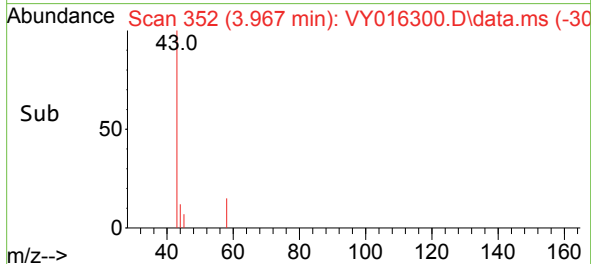
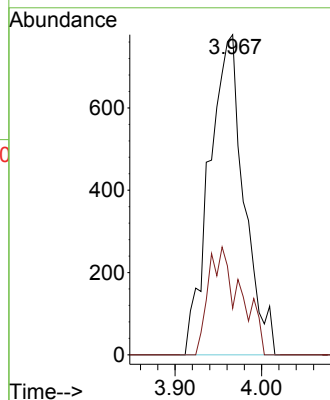
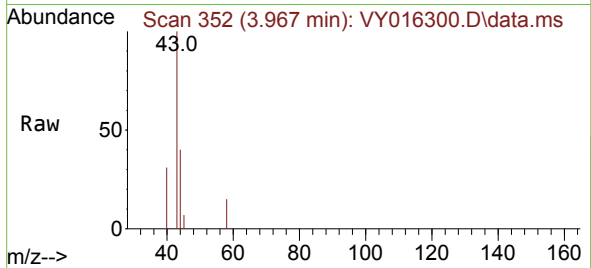




#16
Acetone
Concen: 14.192 ug/l
RT: 3.967 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

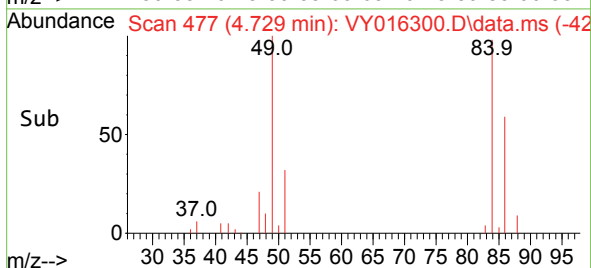
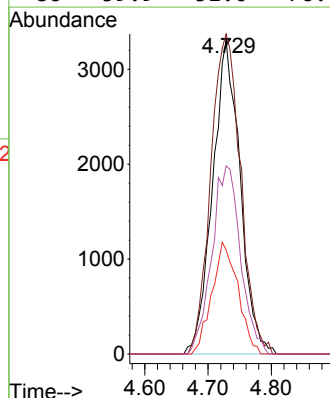
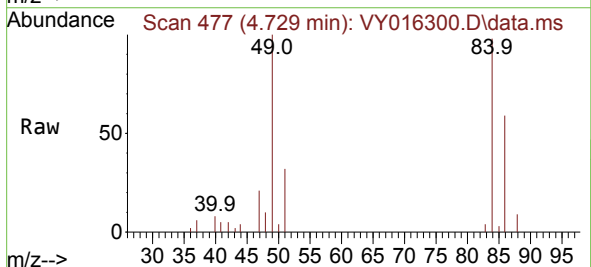
Instrument :
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ClientSampleId :
VNJ-205

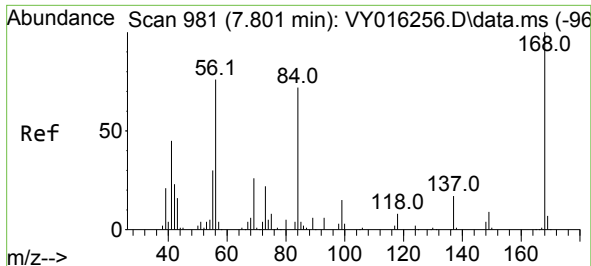
Tgt Ion: 43 Resp: 2157
Ion Ratio Lower Upper
43 100
58 14.5 22.7 34.1#



#20
Methylene Chloride
Concen: 6.236 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Tgt Ion: 84 Resp: 9966
Ion Ratio Lower Upper
84 100
49 102.0 106.9 160.3#
51 33.1 33.2 49.8#
86 59.9 51.0 76.6

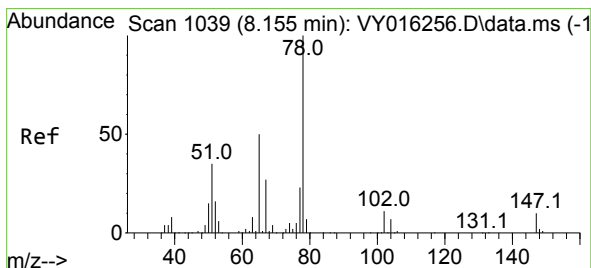
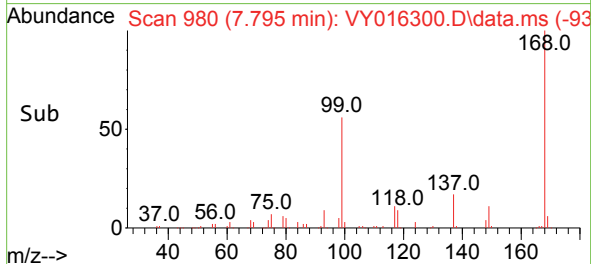
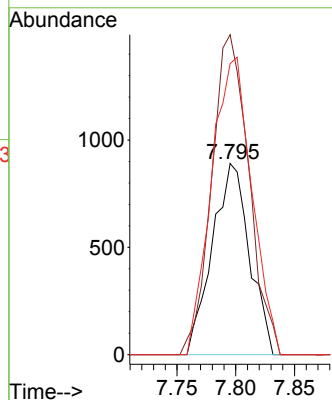
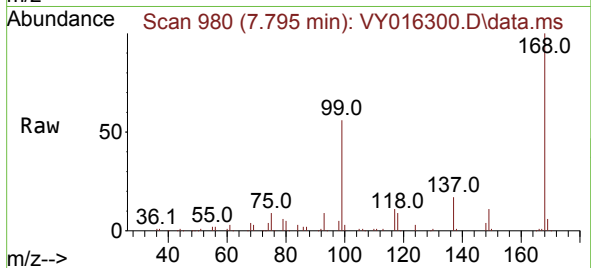




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

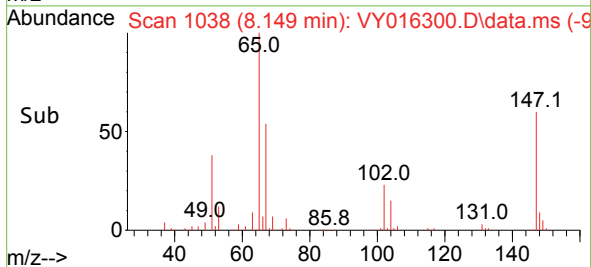
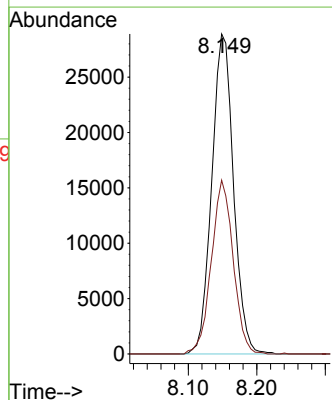
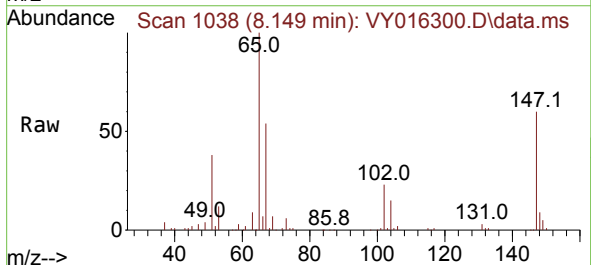
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

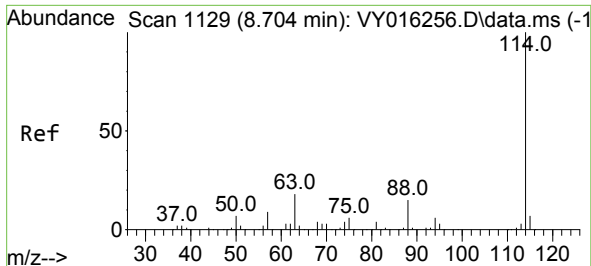
Tgt Ion: 56 Resp: 1960
Ion Ratio Lower Upper
56 100
69 167.3 27.8 41.6#
84 152.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.348 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Tgt Ion: 65 Resp: 63717
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016300.D

Acq: 10 Nov 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205

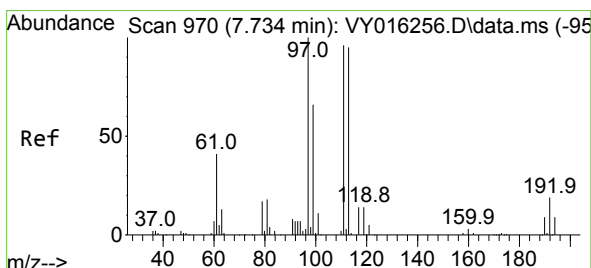
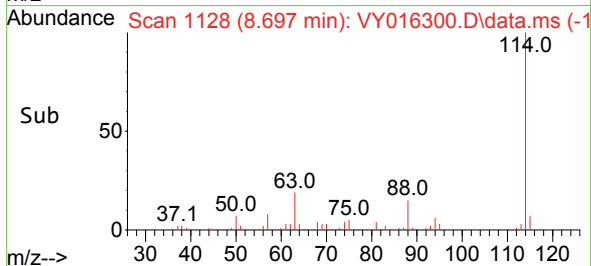
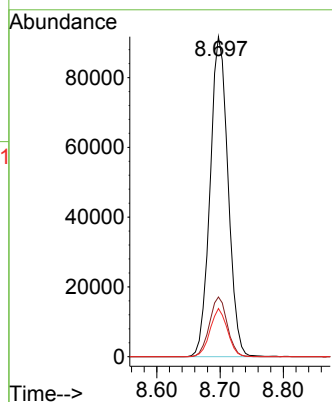
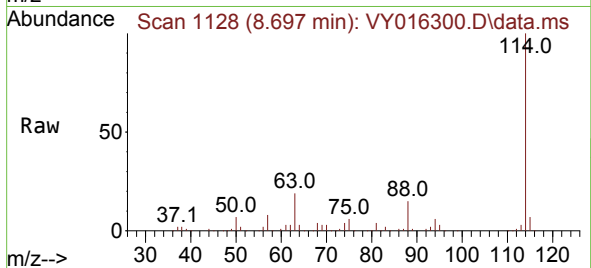
Tgt Ion:114 Resp: 180591

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.451 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016300.D

Acq: 10 Nov 2023 12:01

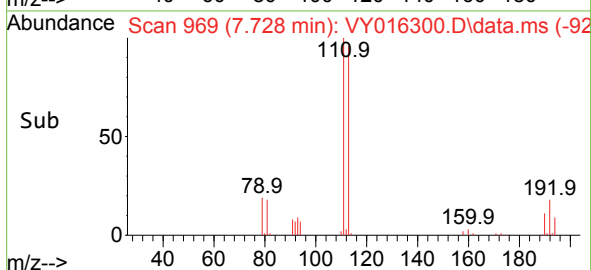
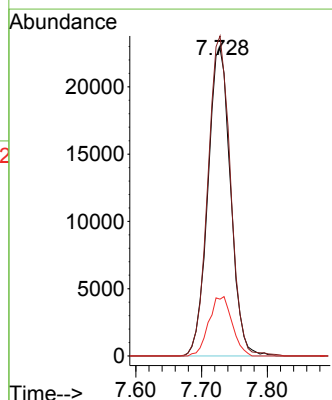
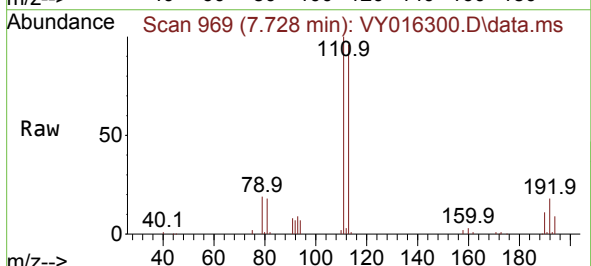
Tgt Ion:113 Resp: 54834

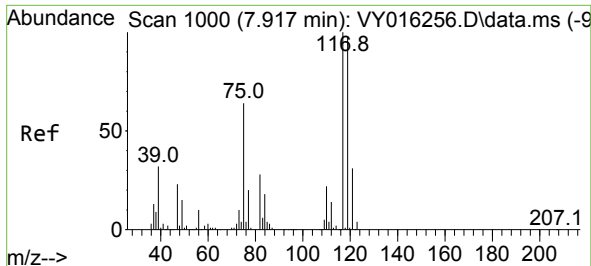
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.8 16.9 25.3

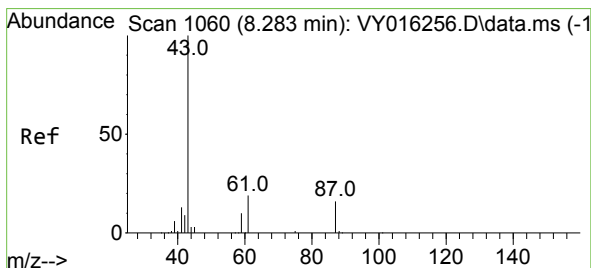
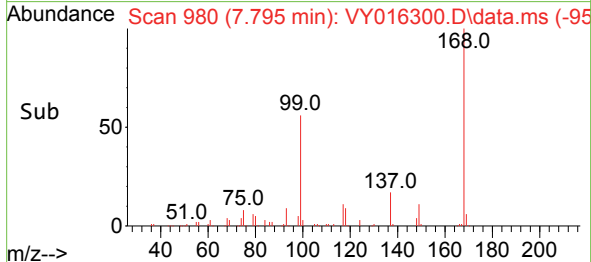
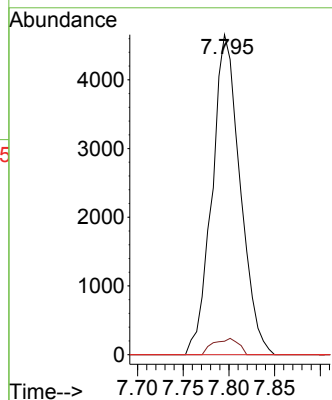
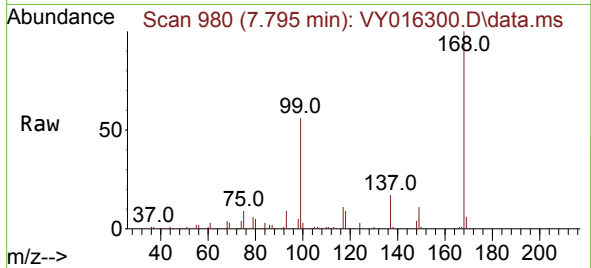




#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

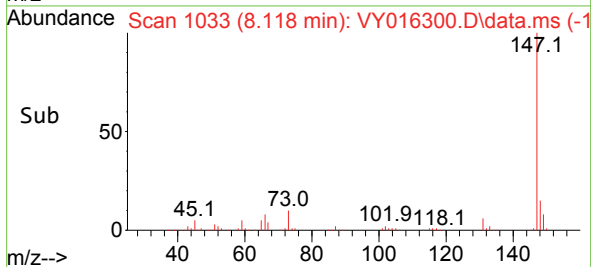
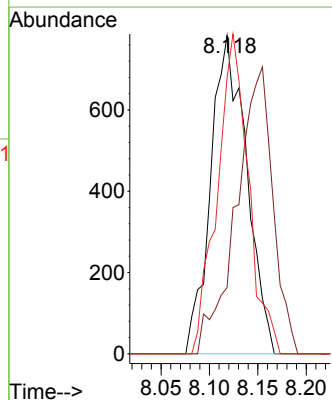
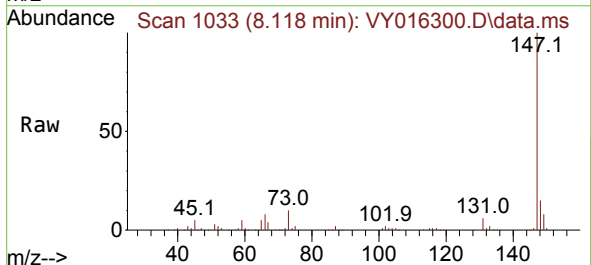
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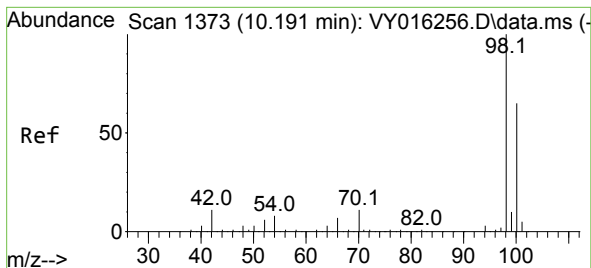
Tgt Ion:117 Resp: 9954
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 1.450 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.165 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 87.5 9.8 14.8#

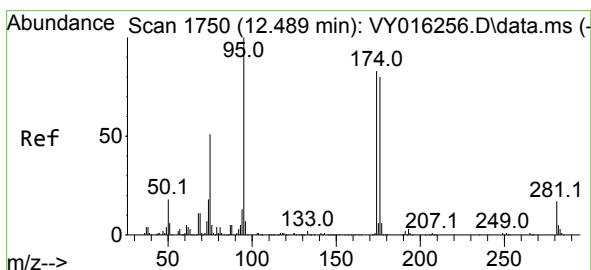
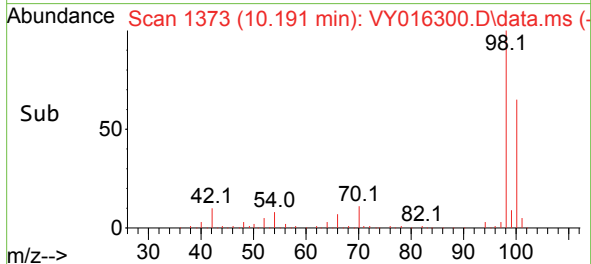
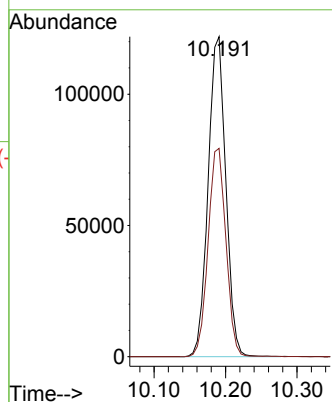
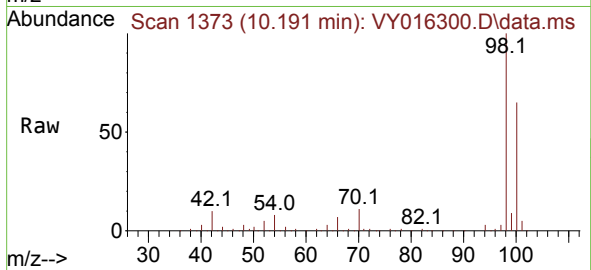




#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

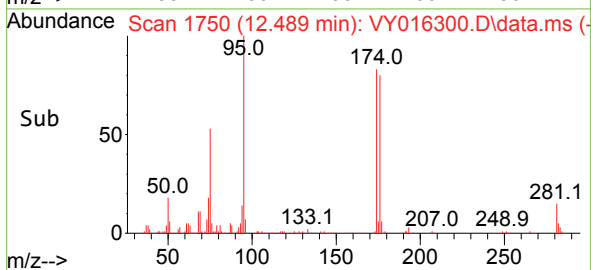
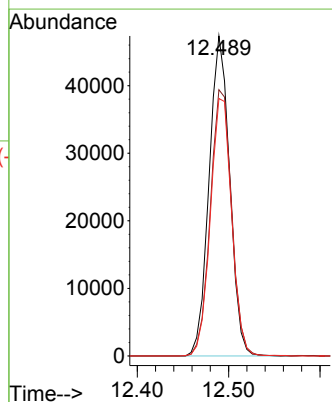
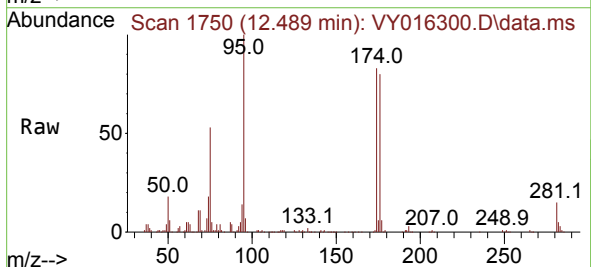
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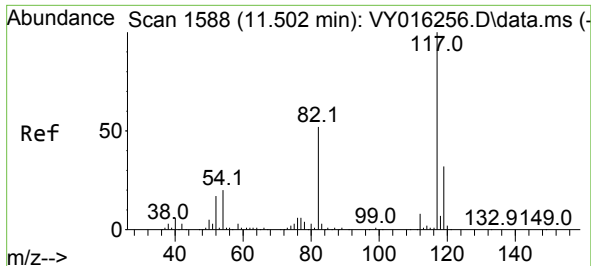
Tgt Ion: 98 Resp: 209388
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.739 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Tgt Ion: 95 Resp: 73960
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 83.1 0.0 173.8

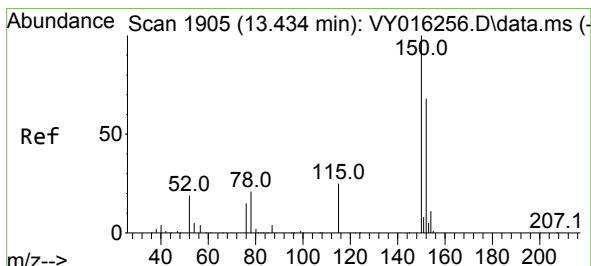
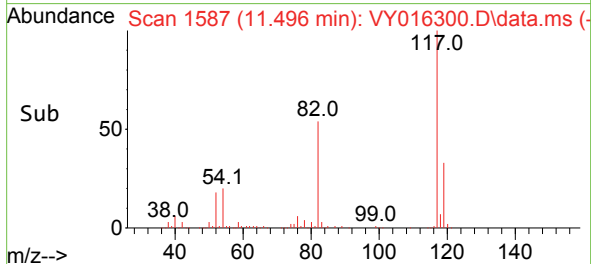
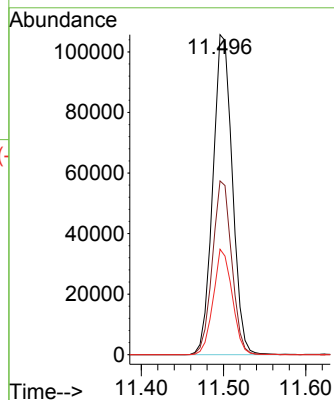
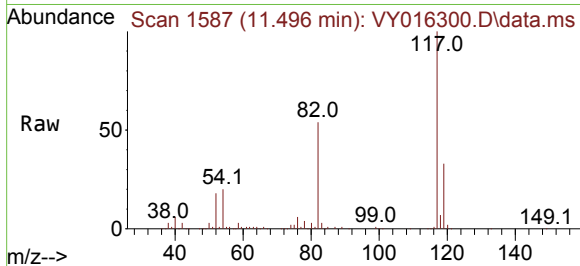




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

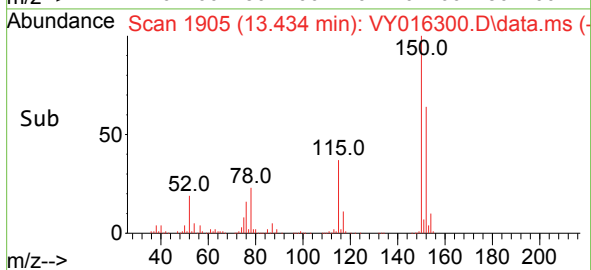
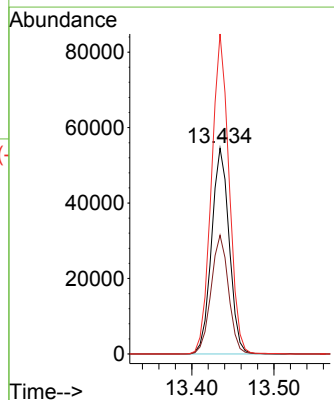
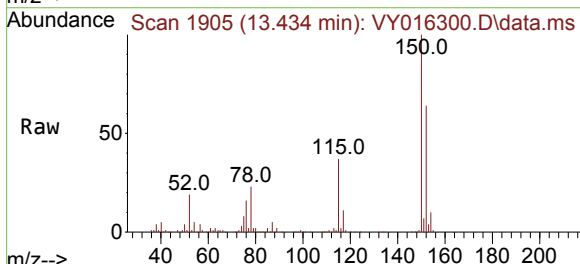
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

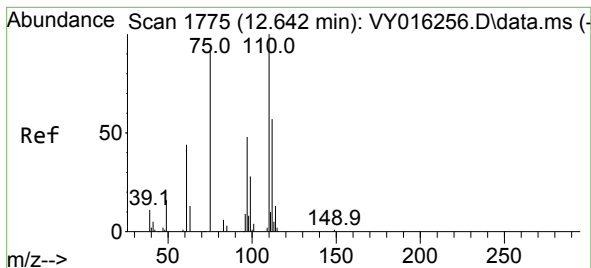
Tgt Ion:117 Resp: 174017
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Tgt Ion:152 Resp: 81146
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 155.4 0.0 348.8

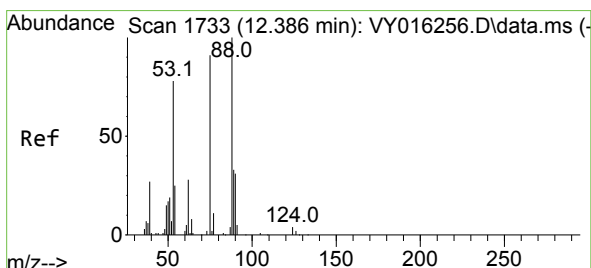
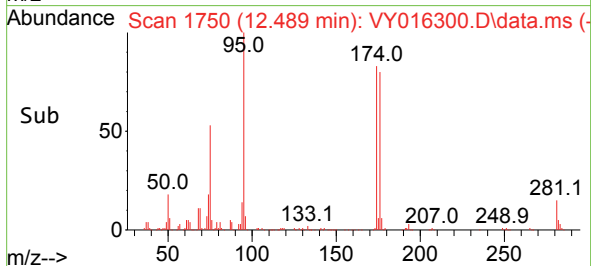
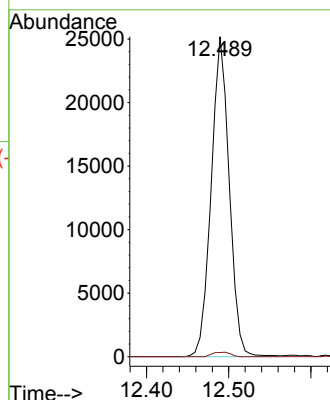
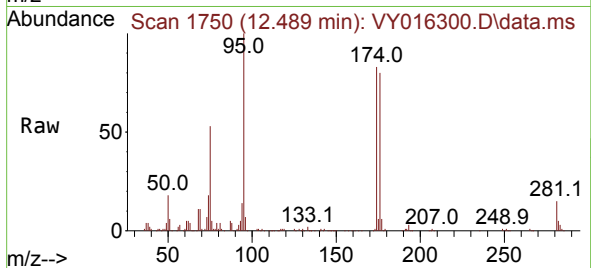




#76
1,2,3-Trichloropropane
Concen: 49.298 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

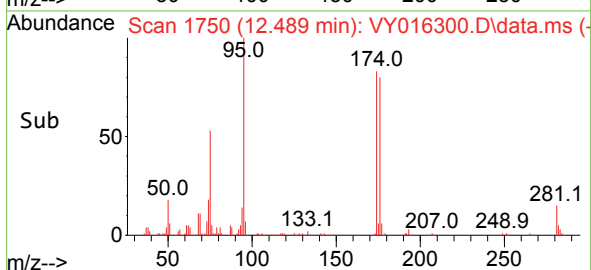
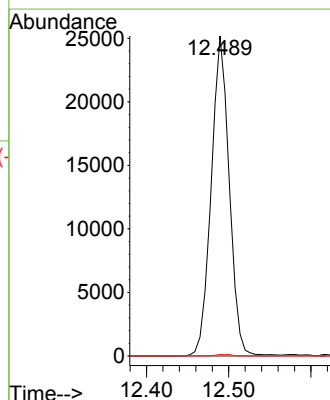
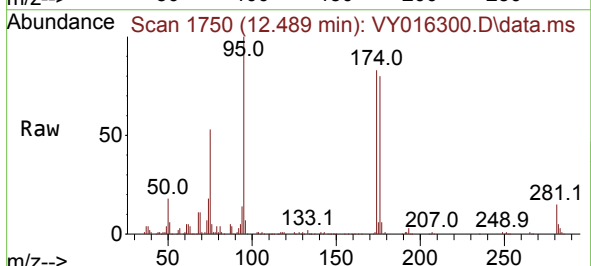
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

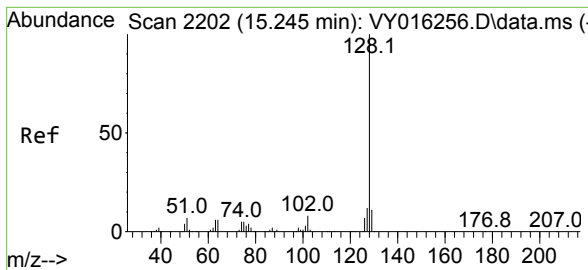
Tgt Ion: 75 Resp: 38375
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.006 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

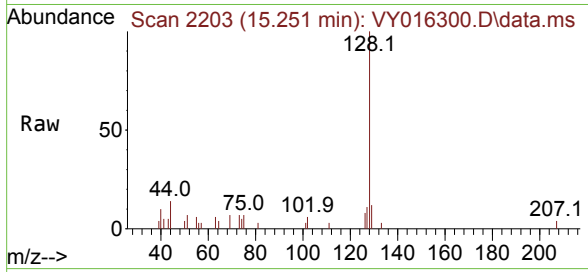
Tgt Ion: 75 Resp: 38375
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#





#95
Naphthalene
Concen: 1.513 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016300.D
Acq: 10 Nov 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205



Tgt Ion:	128	Resp:	3866
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.8	16.2
129	10.1	8.6	13.0

