

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005489.D
 Acq On : 28 Jul 2021 15:10
 Operator : SY/MD
 Sample : M3205-03
 Misc : 6.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-211

Quant Time: Jul 29 05:32:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

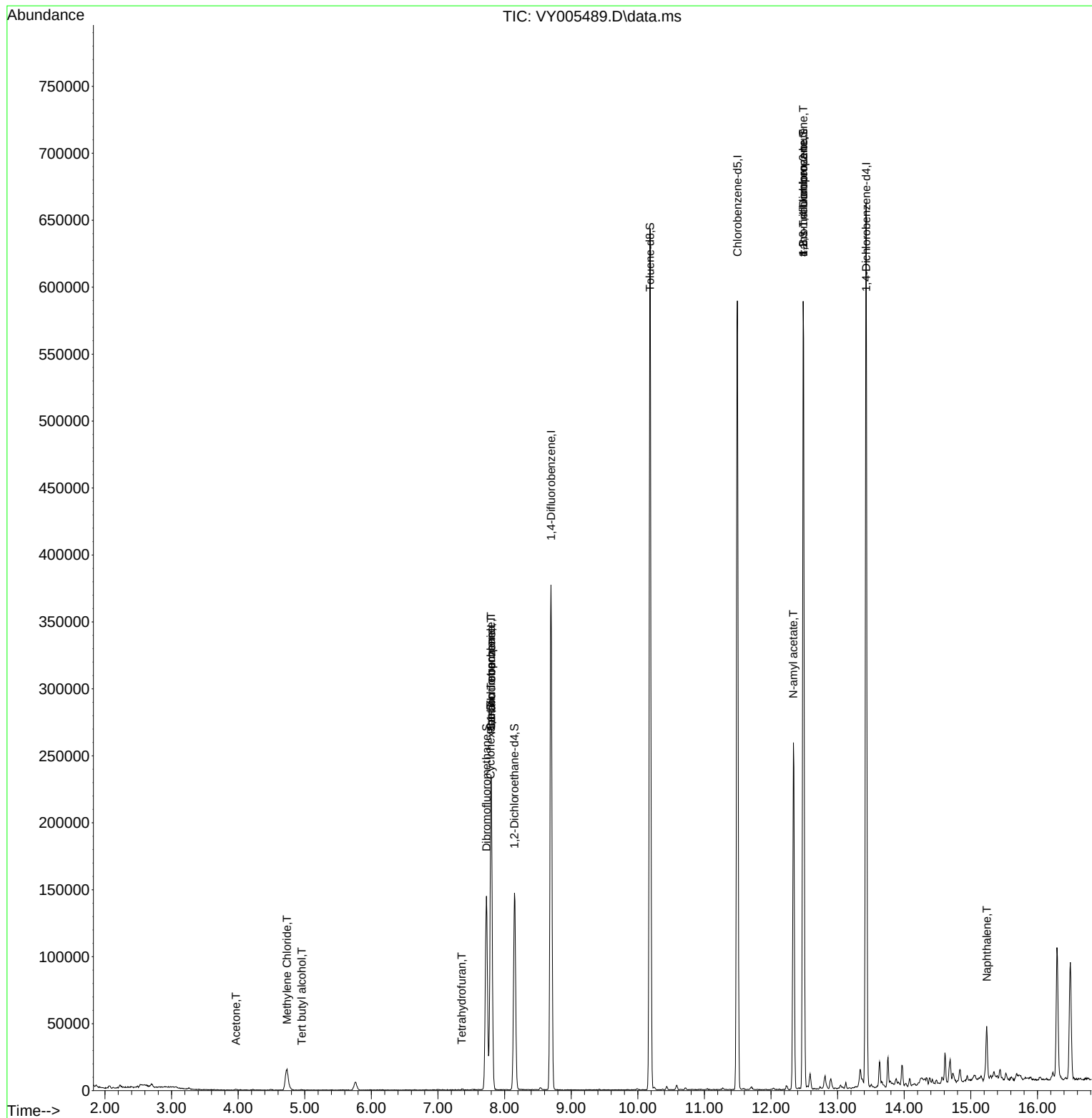
Internal Standards						
1) Pentafluorobenzene	7.801	168	191524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	321004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	120439	58.862	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	117.720%	
35) Dibromofluoromethane	7.728	113	96441	52.380	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.760%	
50) Toluene-d8	10.185	98	407254	52.188	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	104.380%	
62) 4-Bromofluorobenzene	12.483	95	146628	56.931	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	113.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	348	1.800	ug/l #	82
16) Acetone	3.966	43	1074	2.298	ug/l #	84
20) Methylene Chloride	4.734	84	11439	3.175	ug/l	92
29) Tetrahydrofuran	7.356	42	473	1.021	ug/l #	54
31) Cyclohexane	7.789	56	3712	1.062	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13368	4.336	ug/l #	51
38) Carbon Tetrachloride	7.795	117	17116	5.080	ug/l #	15
74) N-amyl acetate	12.337	43	5625	1.591	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	81982	49.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81982	96.069	ug/l #	11
95) Naphthalene	15.239	128	32408	4.688	ug/l	98

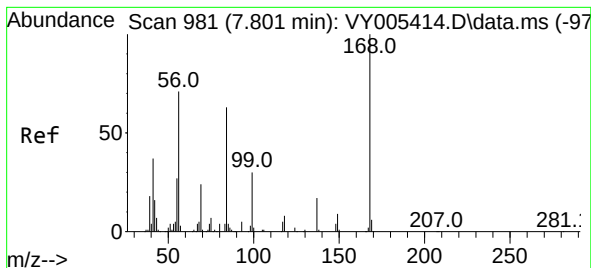
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY005489.D

Acq: 28 Jul 2021 15:10

Tgt Ion:168 Resp: 191524

Ion Ratio Lower Upper

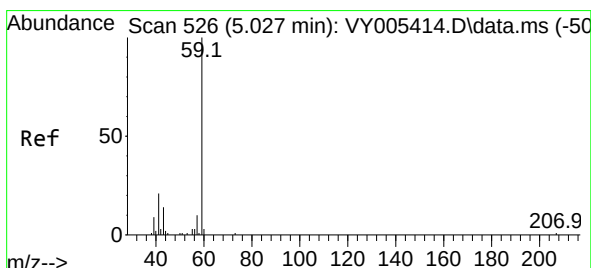
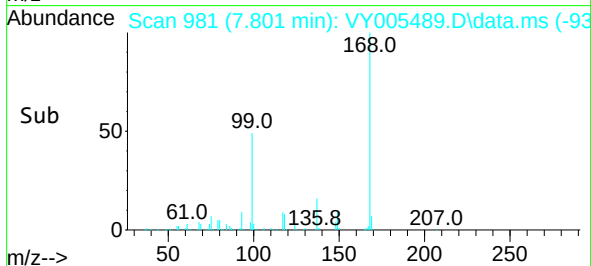
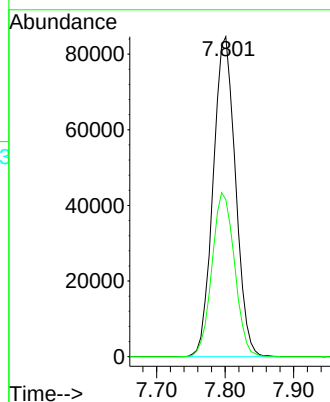
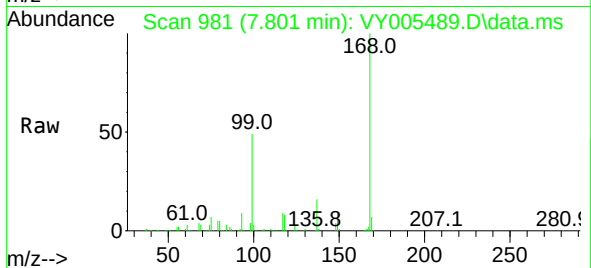
Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.8	59.6

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-211



#11

Tert butyl alcohol

Concen: 1.800 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.073 min

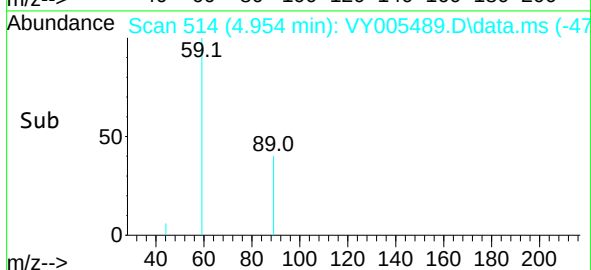
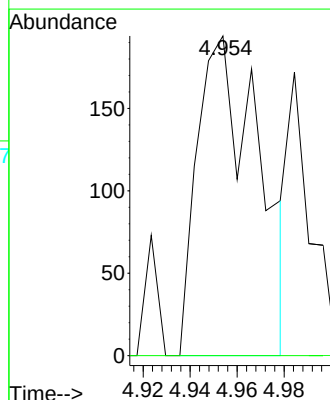
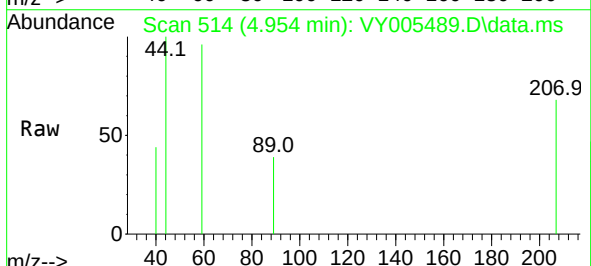
Lab File: VY005489.D

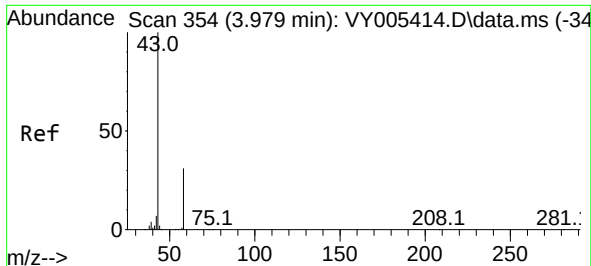
Acq: 28 Jul 2021 15:10

Tgt Ion: 59 Resp: 348

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.7	7.1#

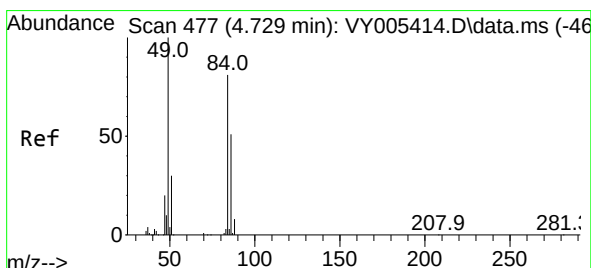
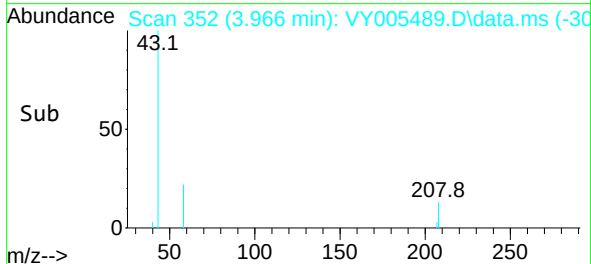
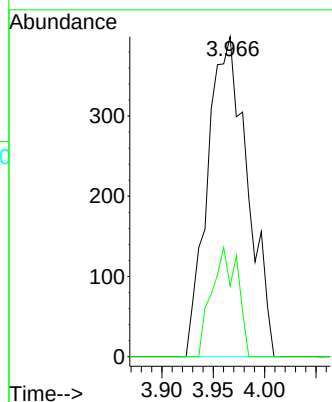
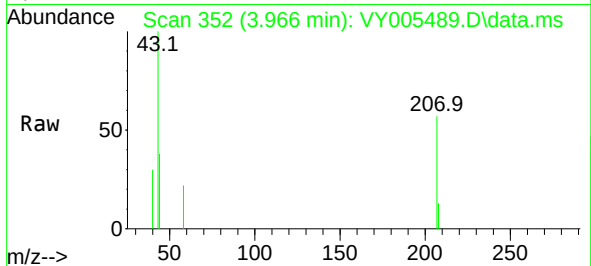




#16
Acetone
Concen: 2.298 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

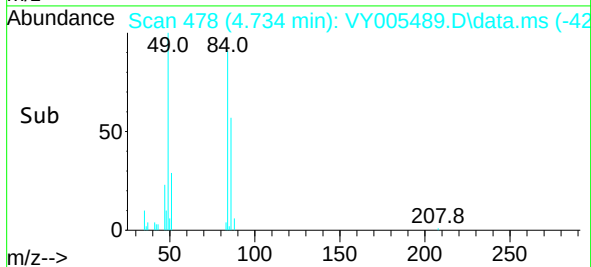
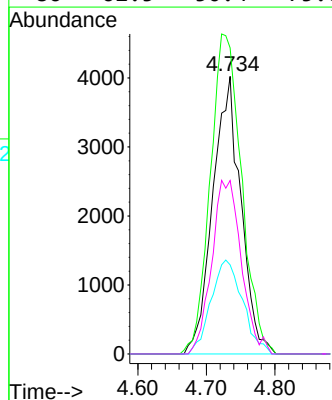
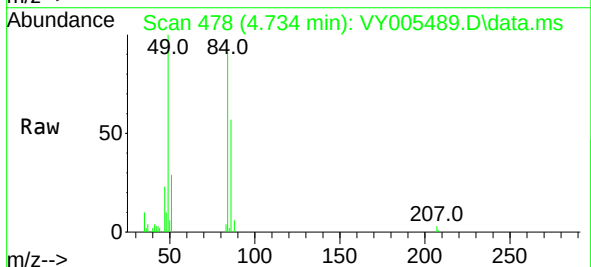
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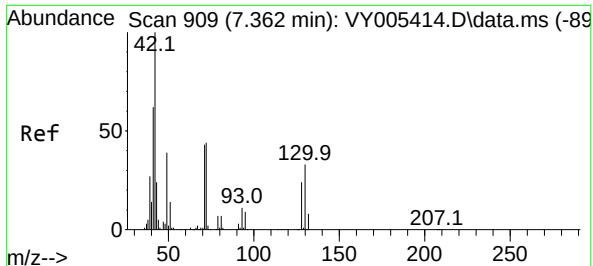
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 22.1 24.5 36.7#



#20
Methylene Chloride
Concen: 3.175 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 84 Resp: 11439
Ion Ratio Lower Upper
84 100
49 110.3 98.9 148.3
51 32.1 30.0 45.0
86 62.5 50.4 75.6





#29

Tetrahydrofuran

Concen: 1.021 ug/l

RT: 7.356 min Scan# 908

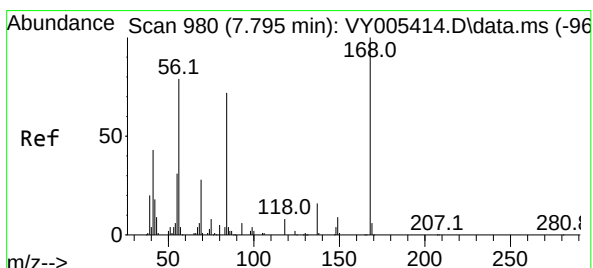
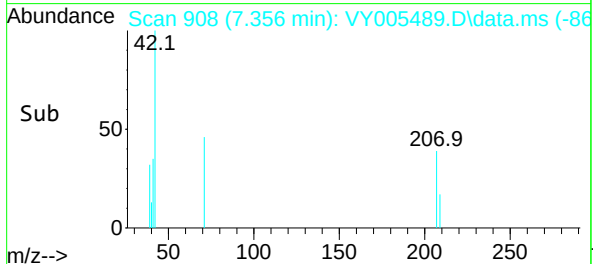
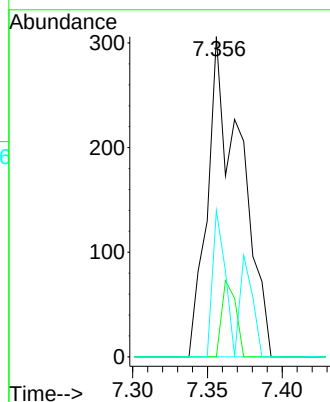
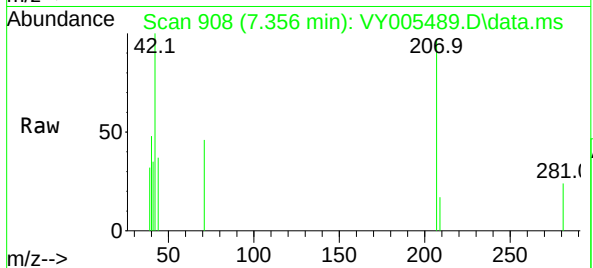
Delta R.T. -0.006 min

Lab File: VY005489.D

Acq: 28 Jul 2021 15:10

Tgt Ion:	42	Resp:	473
Ion	Ratio	Lower	Upper
42	100		
72	9.9	35.3	52.9#
71	17.1	33.4	50.2#

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211



#31

Cyclohexane

Concen: 1.062 ug/l

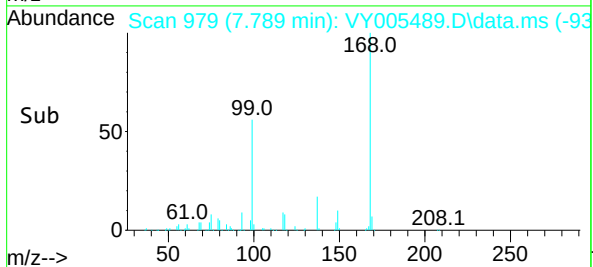
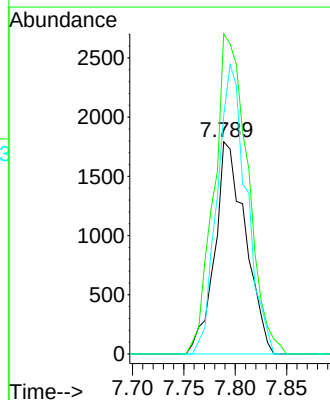
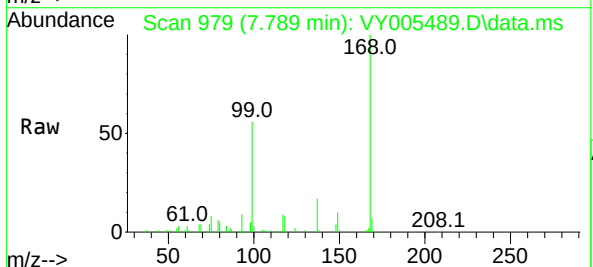
RT: 7.789 min Scan# 979

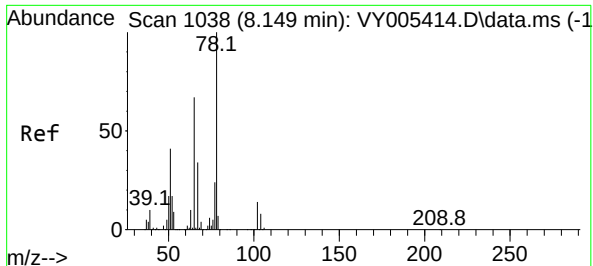
Delta R.T. -0.006 min

Lab File: VY005489.D

Acq: 28 Jul 2021 15:10

Tgt Ion:	56	Resp:	3712
Ion	Ratio	Lower	Upper
56	100		
69	150.8	28.7	43.1#
84	112.5	73.0	109.6#

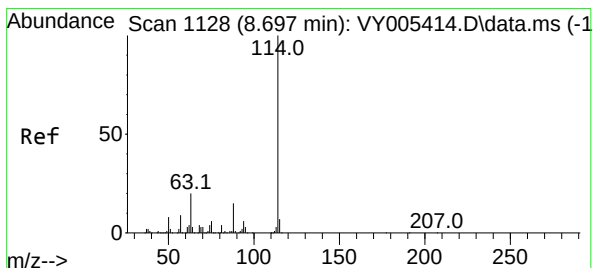
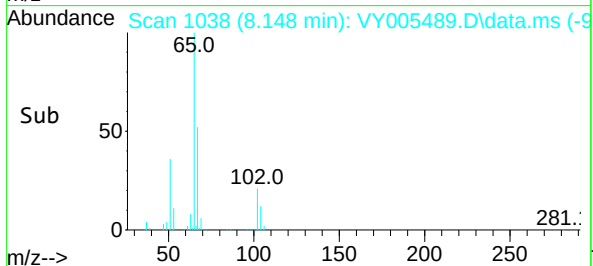
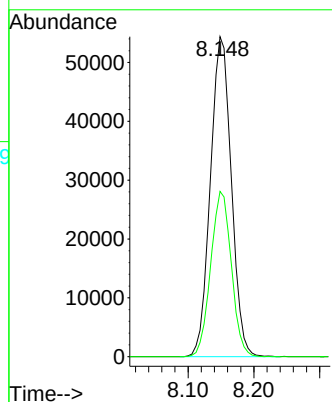
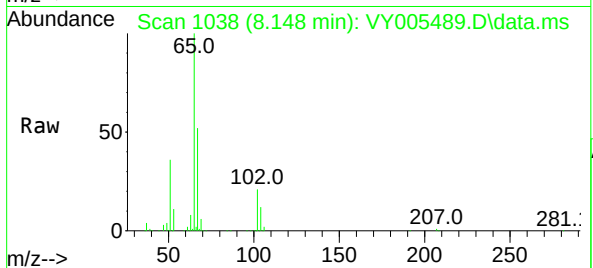




#33
1,2-Dichloroethane-d4
Concen: 58.862 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

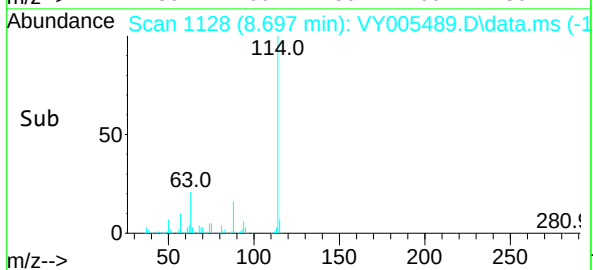
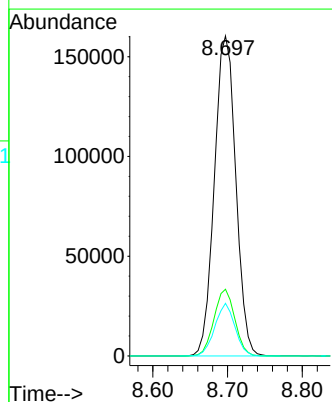
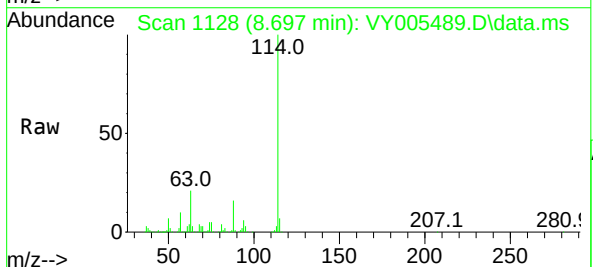
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

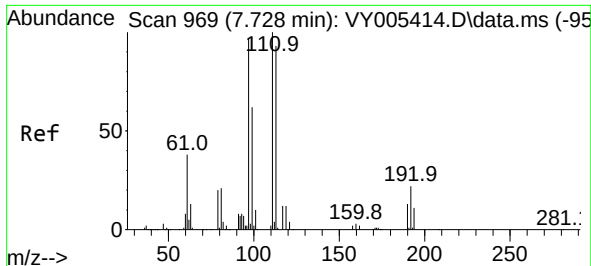
Tgt Ion: 65 Resp: 120439
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 114 Resp: 318869
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.0
88 16.4 0.0 30.8

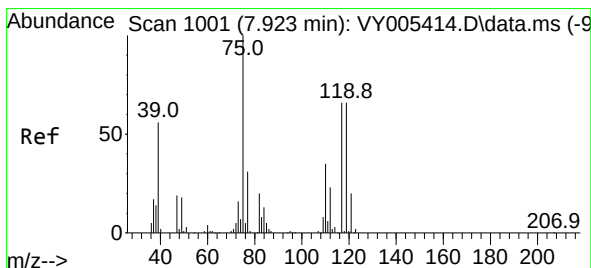
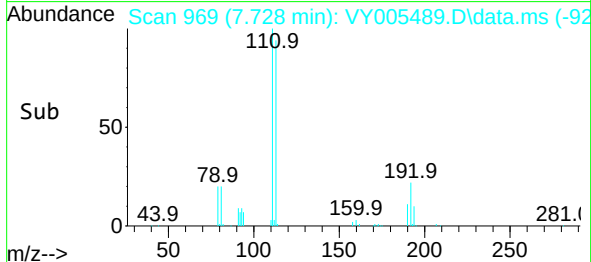
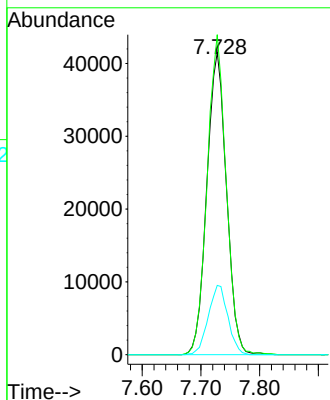
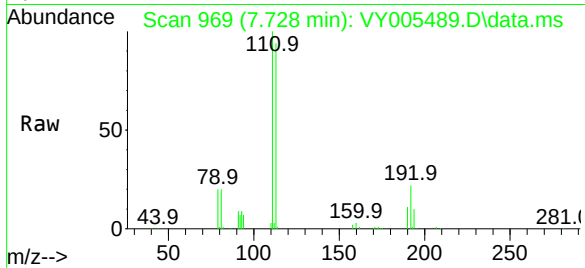




#35
Dibromofluoromethane
Concen: 52.380 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

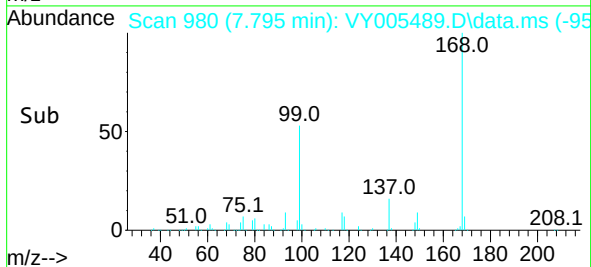
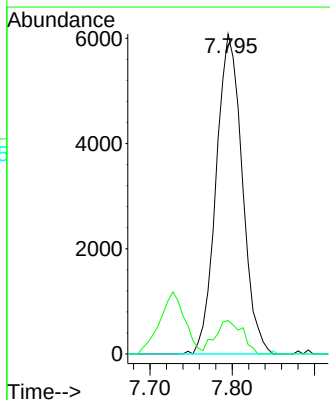
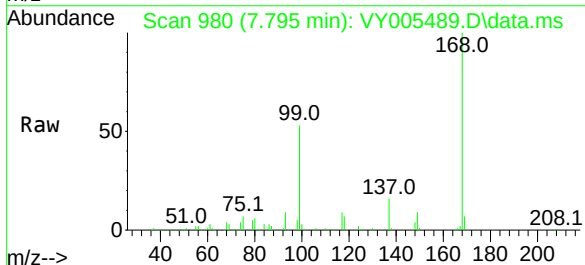
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

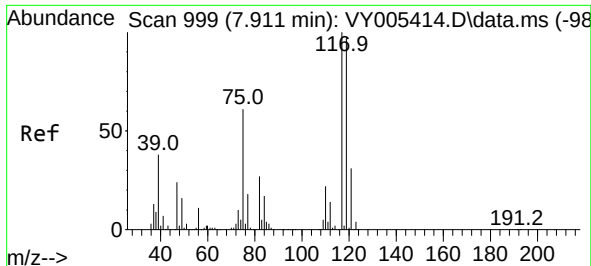
Tgt Ion:113 Resp: 96441
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.8 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.336 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 75 Resp: 13368
Ion Ratio Lower Upper
75 100
110 10.9 17.6 52.9#
77 0.0 24.6 37.0#

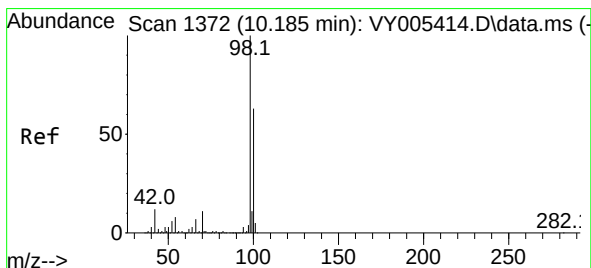
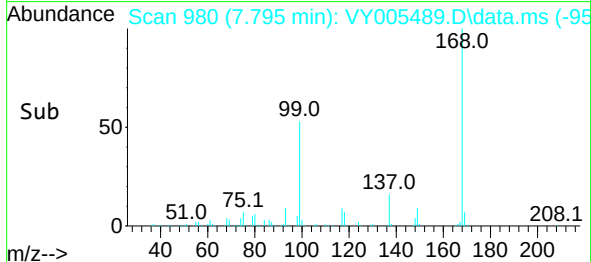
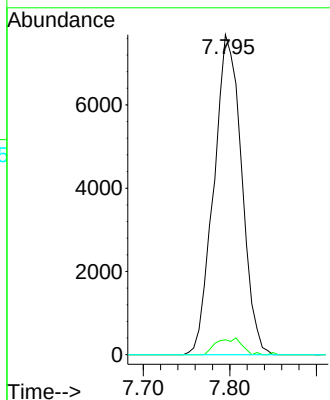
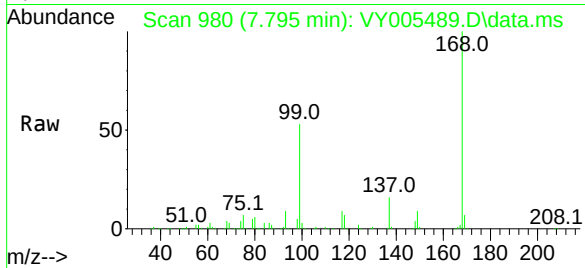




#38
Carbon Tetrachloride
Concen: 5.080 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

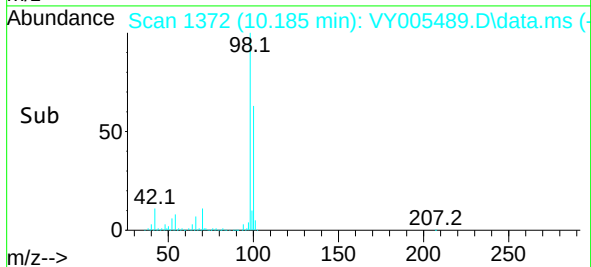
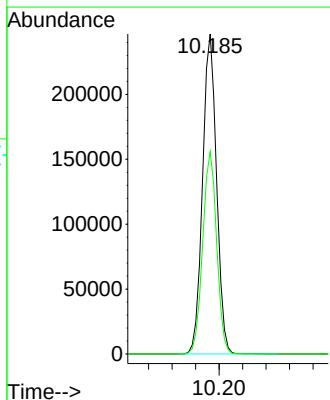
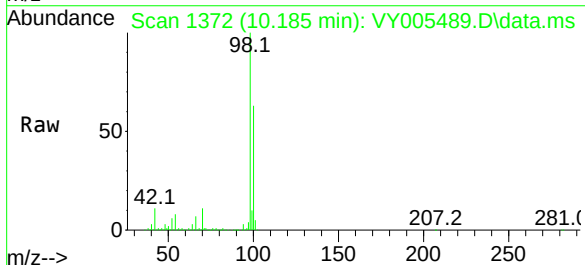
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ClientSampleId :
VNJ-211

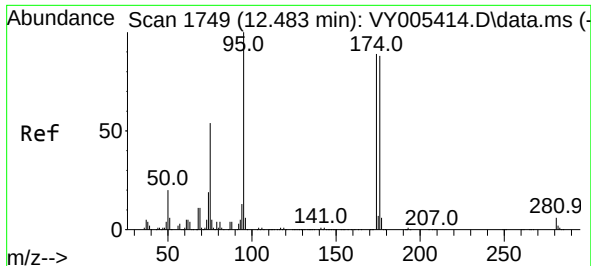
Tgt Ion:117 Resp: 17116
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.188 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 98 Resp: 407254
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

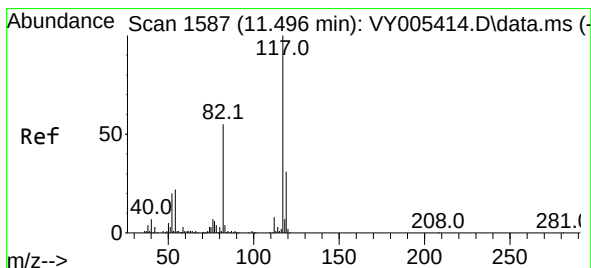
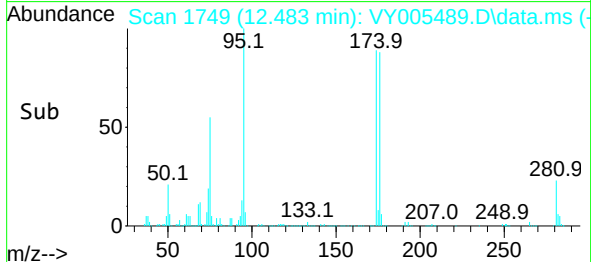
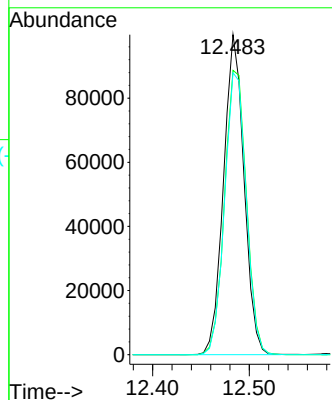
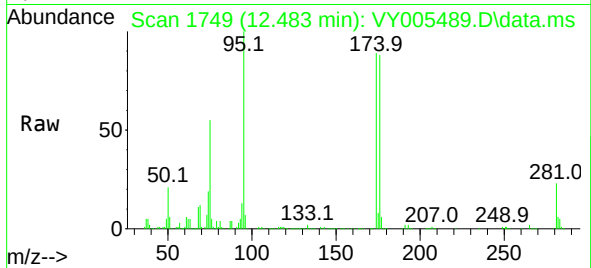




#62
4-Bromofluorobenzene
Concen: 56.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

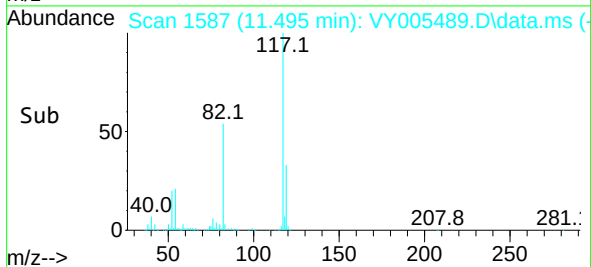
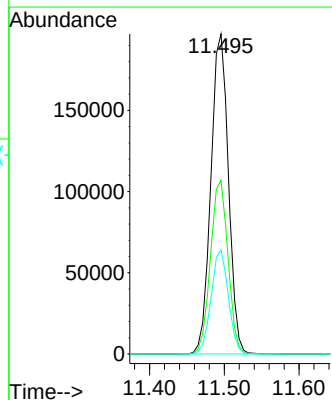
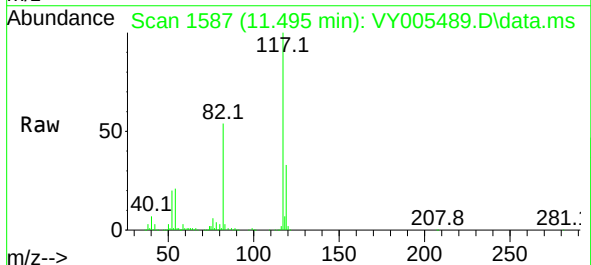
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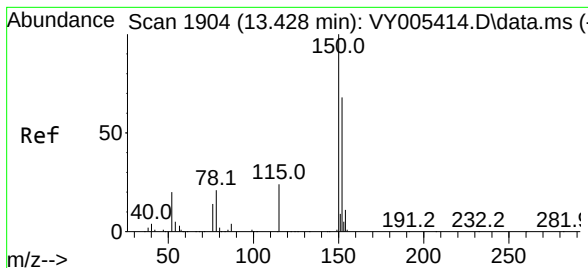
Tgt Ion: 95 Resp: 146628
Ion Ratio Lower Upper
95 100
174 94.6 0.0 186.6
176 92.6 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 117 Resp: 321004
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.6
119 32.5 24.8 37.2

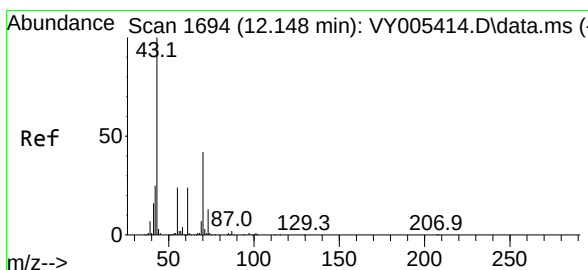
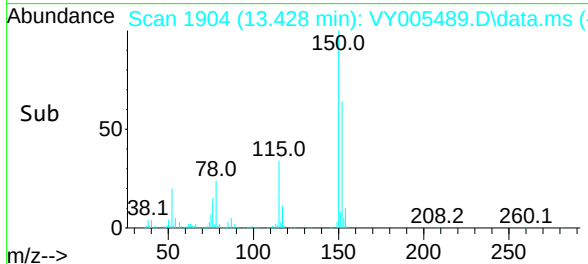
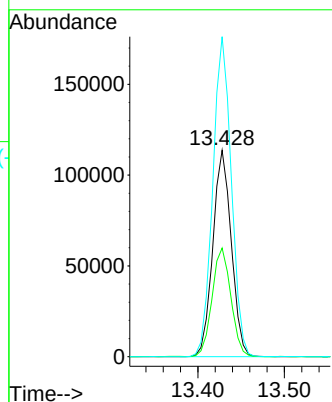
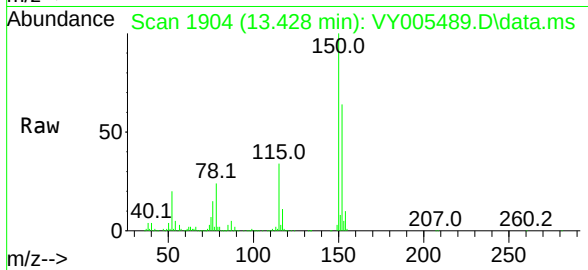




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

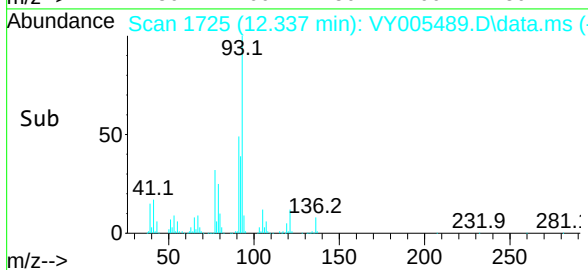
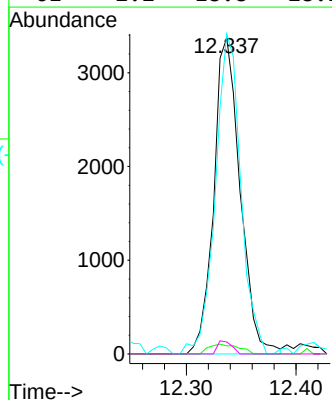
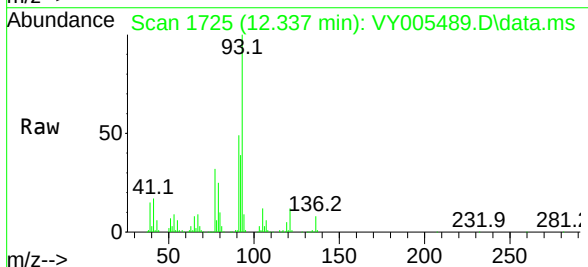
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

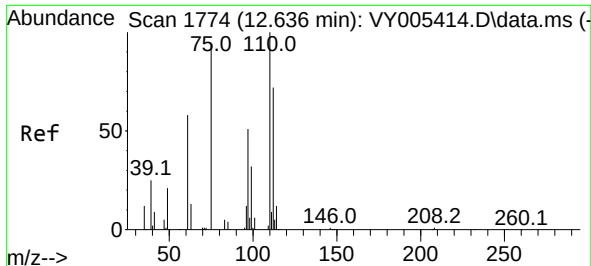
Tgt Ion:152 Resp: 168397
Ion Ratio Lower Upper
152 100
115 53.5 27.7 83.1
150 155.6 0.0 349.6



#74
N-ethyl acetate
Concen: 1.591 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 43 Resp: 5625
Ion Ratio Lower Upper
43 100
70 3.6 32.9 49.3#
55 97.7 19.1 28.7#
61 2.2 18.8 28.2#

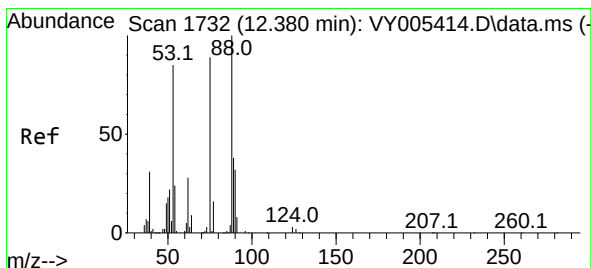
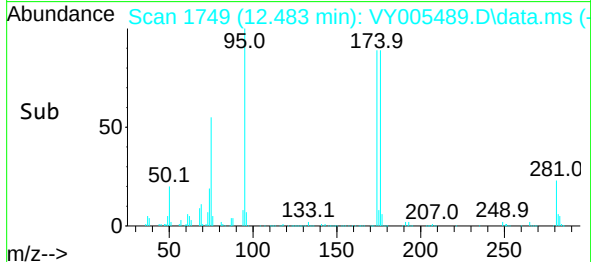
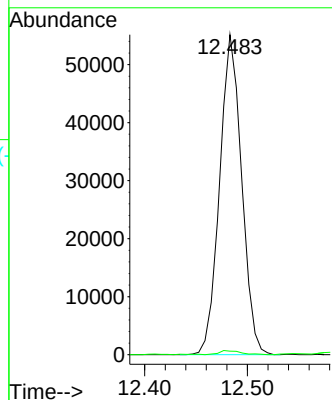
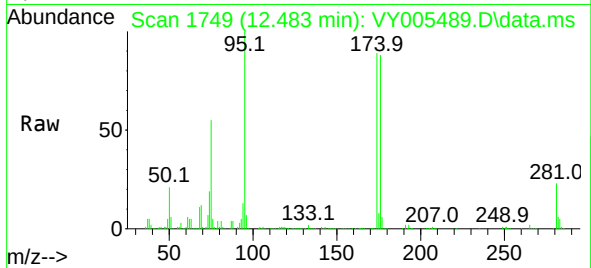




#76
1,2,3-Trichloropropane
Concen: 49.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

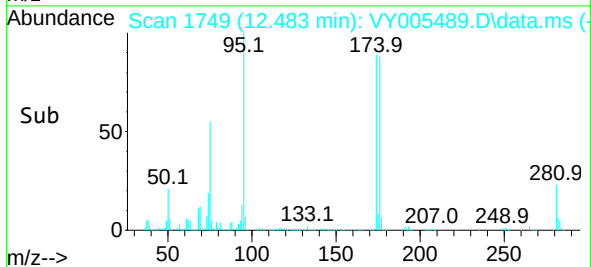
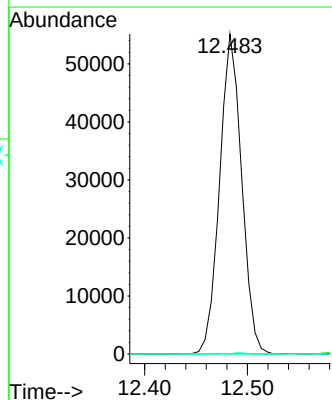
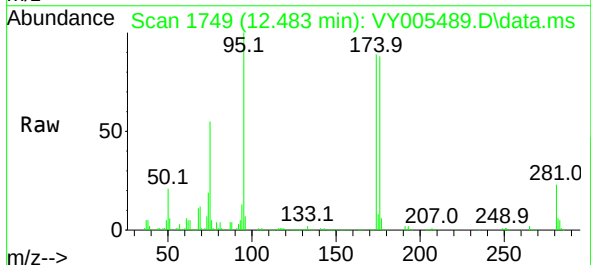
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

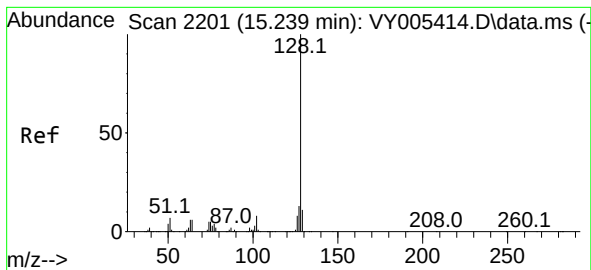
Tgt Ion: 75 Resp: 81982
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Tgt Ion: 75 Resp: 81982
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.3 36.9 55.3#





#95
Naphthalene
Concen: 4.688 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005489.D
Acq: 28 Jul 2021 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion:128 Resp: 32408
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.4 8.6 13.0

