

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012119.D
 Acq On : 09 Jan 2023 18:31
 Operator : KP/MD
 Sample : 01065-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210

Quant Time: Jan 10 01:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

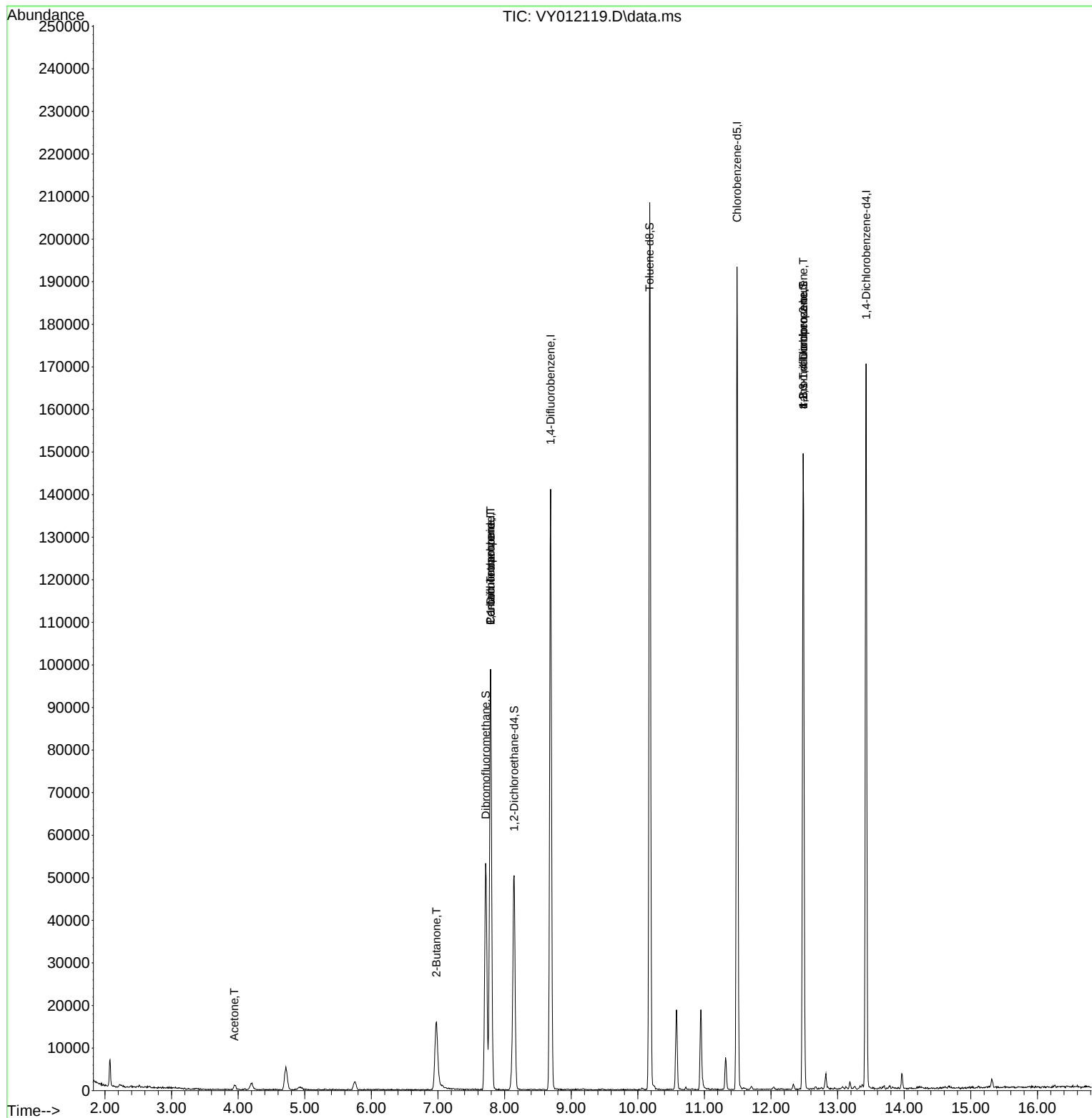
Internal Standards						
1) Pentafluorobenzene	7.789	168	76102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41151	48.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.716	113	37095	45.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.179	98	144011	45.081	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.160%
62) 4-Bromofluorobenzene	12.483	95	41744	37.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.071	50	23	Below Cal	#	41
5) Bromomethane	2.668	94	129	Below Cal	#	59
11) Tert butyl alcohol	4.930	59	707	Below Cal	#	74
16) Acetone	3.942	43	1860	9.246	ug/l	89
20) Methylene Chloride	4.716	84	4415	Below Cal		87
25) 2-Butanone	6.978	43	1124	4.235	ug/l	# 74
31) Cyclohexane	7.783	56	1470	Below Cal	#	38
36) 1,1-Dichloropropene	7.789	75	5537	4.509	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	7679	4.927	ug/l	# 19
76) 1,2,3-Trichloropropane	12.483	75	21797	41.264	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	21797	91.641	ug/l	# 13

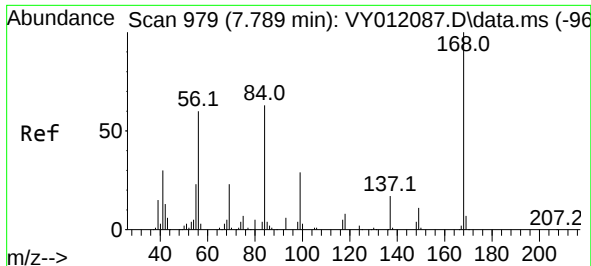
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

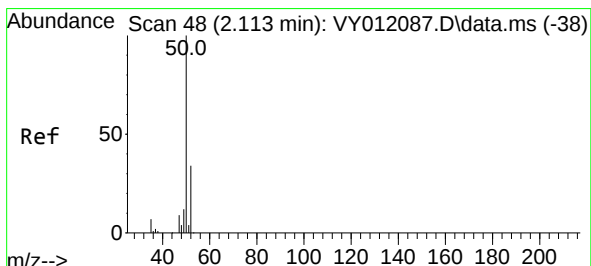
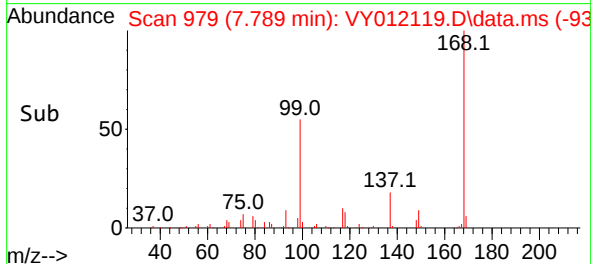
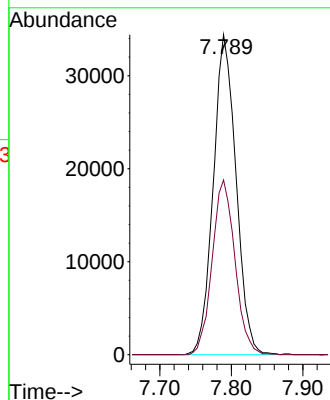
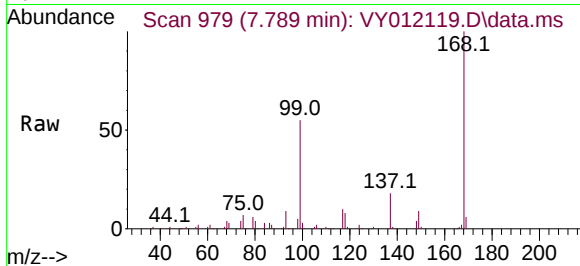




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

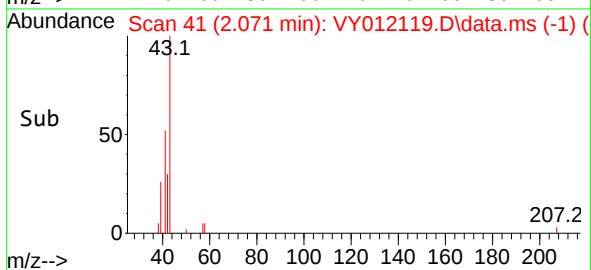
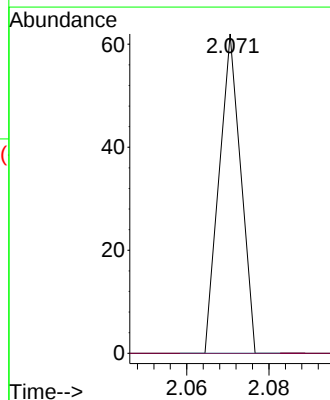
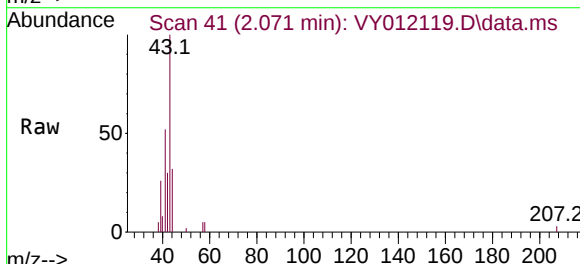
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

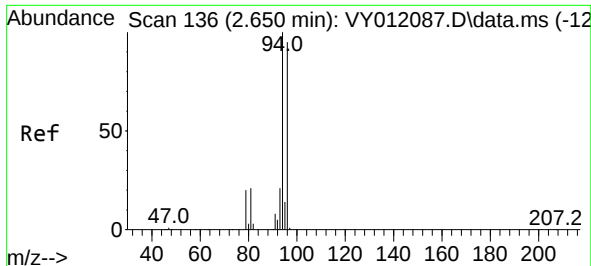
Tgt Ion:168 Resp: 76102
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.071 min Scan# 41
Delta R.T. -0.042 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion: 50 Resp: 23
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

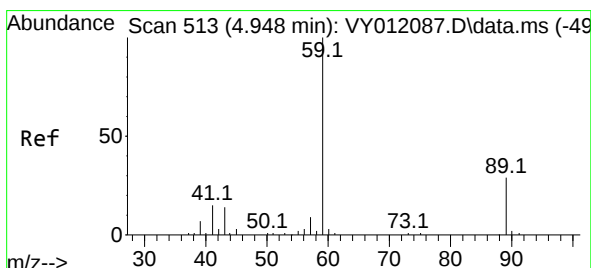
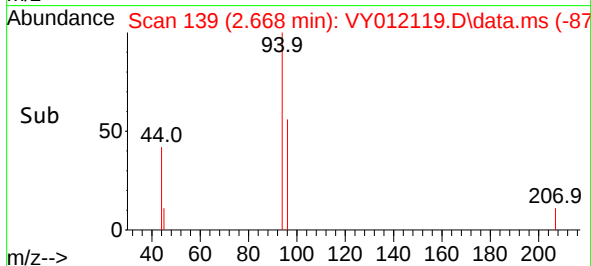
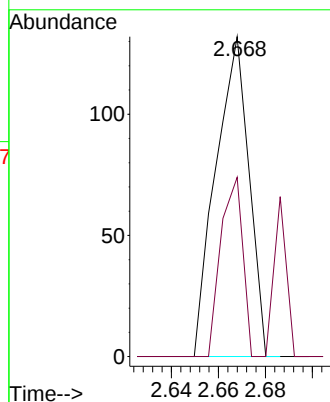
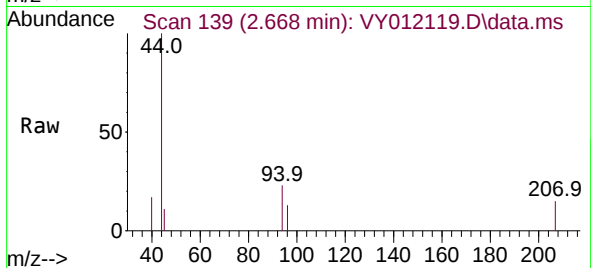




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

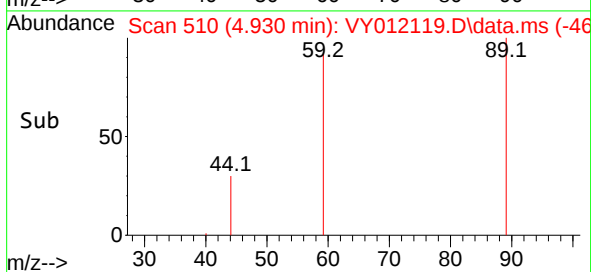
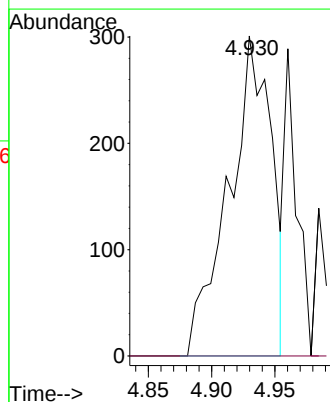
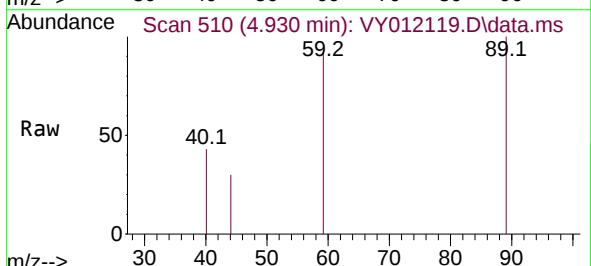
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

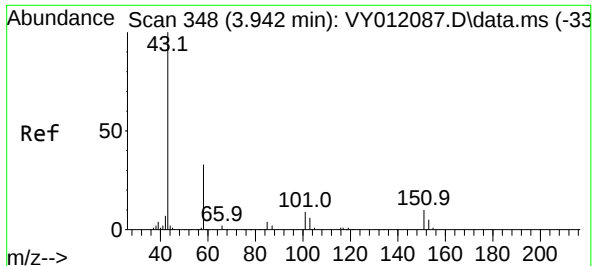
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 56.1 77.4 116.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 9.246 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY012119.D

Acq: 09 Jan 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

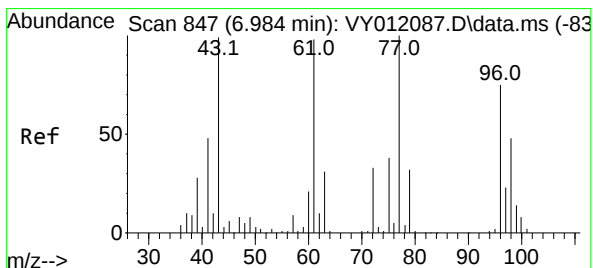
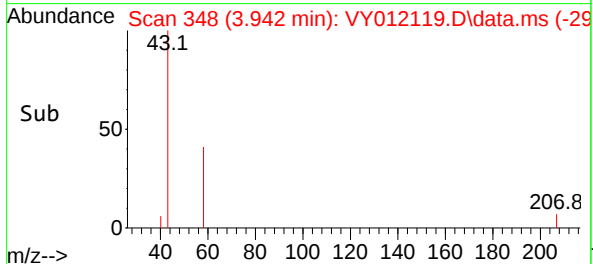
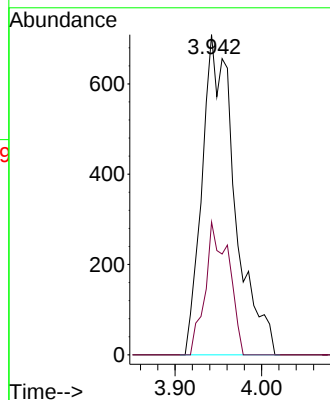
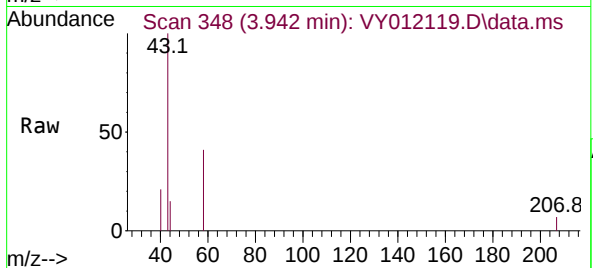
VNJ-210

Tgt Ion: 43 Resp: 1860

Ion Ratio Lower Upper

43 100

58 41.5 27.9 41.9



#25

2-Butanone

Concen: 4.235 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012119.D

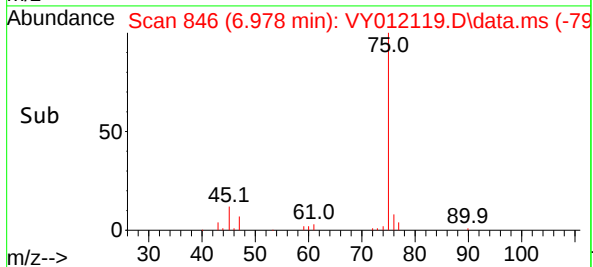
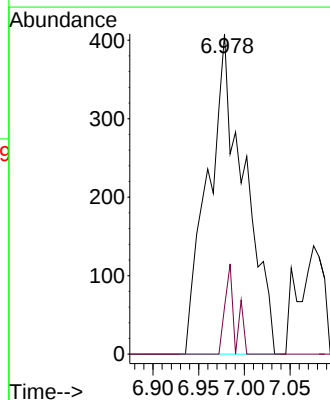
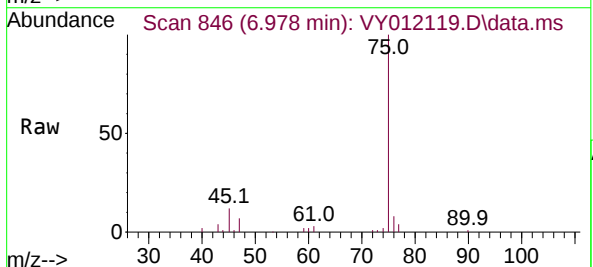
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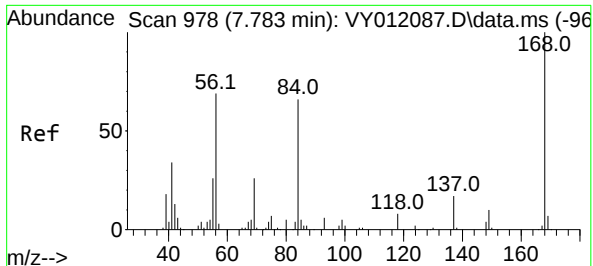
Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

43 100

72 14.7 22.6 34.0#

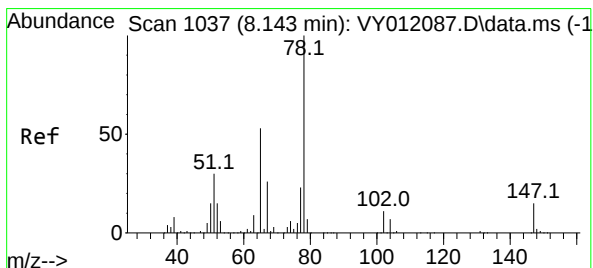
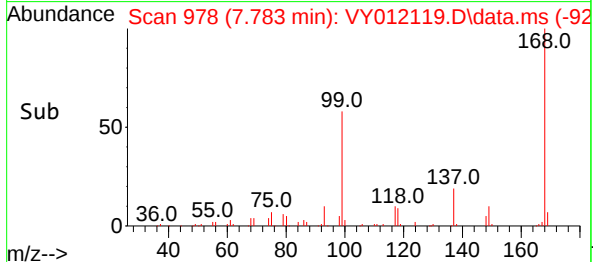
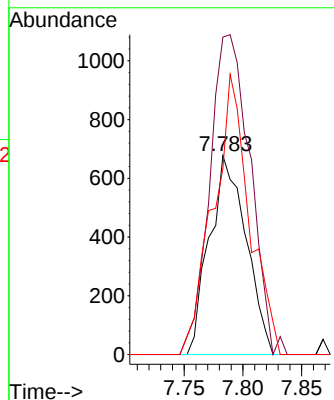
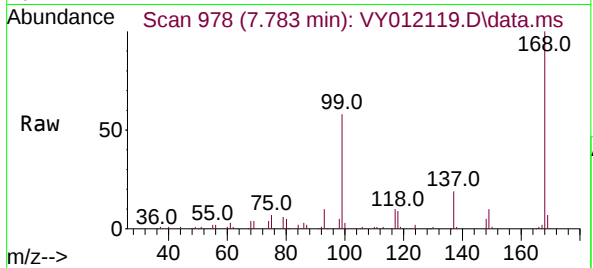




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

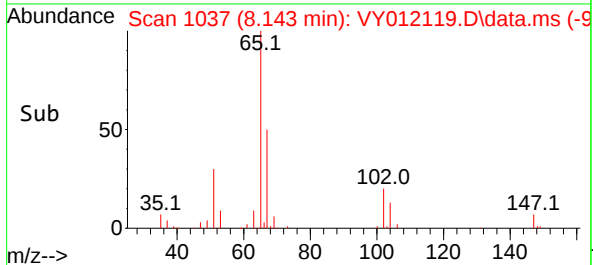
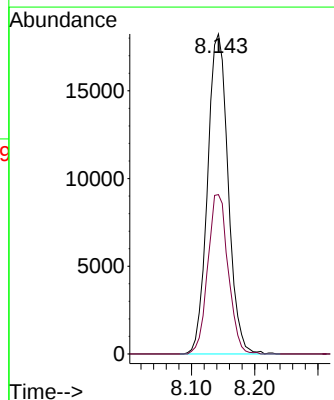
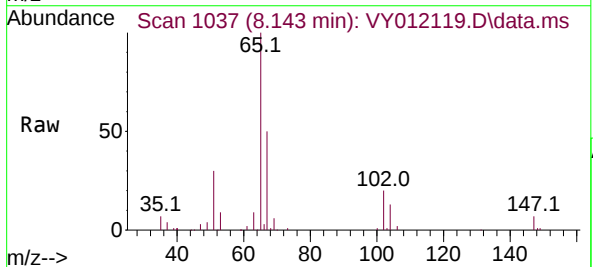
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

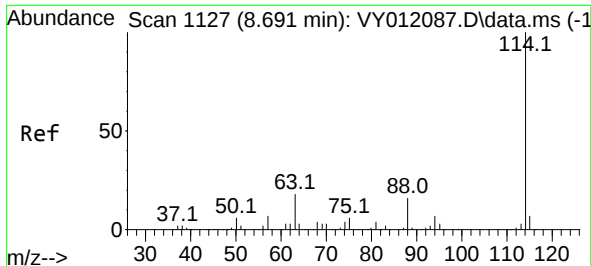
Tgt Ion: 56 Resp: 1470
Ion Ratio Lower Upper
56 100
69 159.7 29.2 43.8#
84 93.6 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 48.123 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion: 65 Resp: 41151
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2

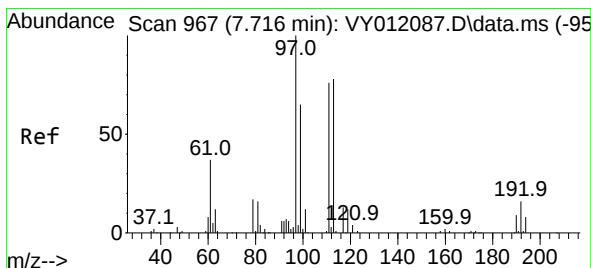
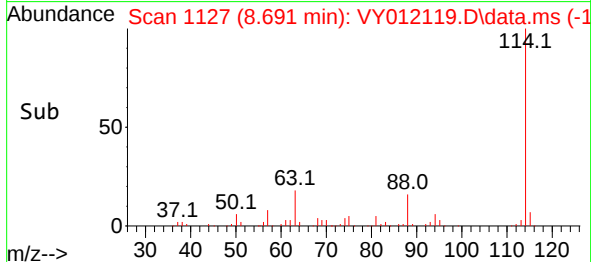
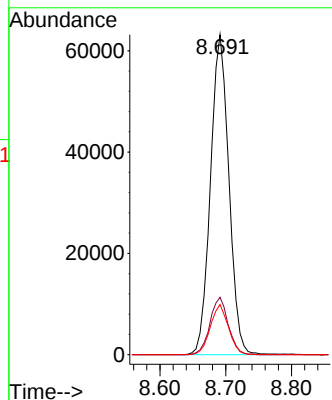
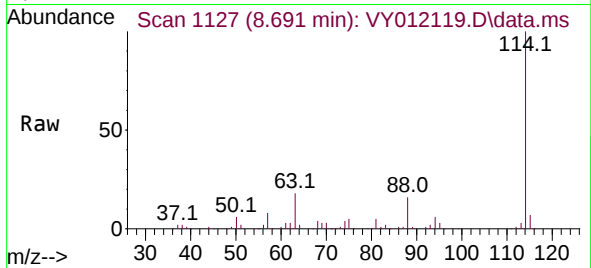




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

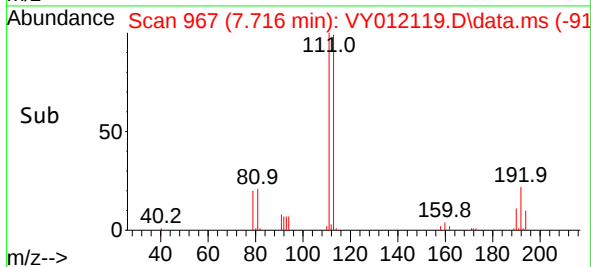
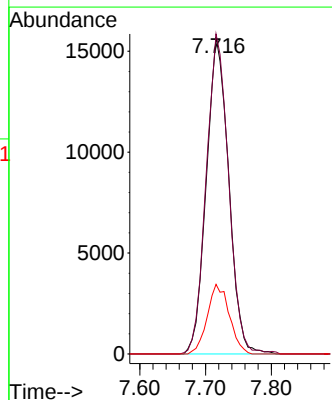
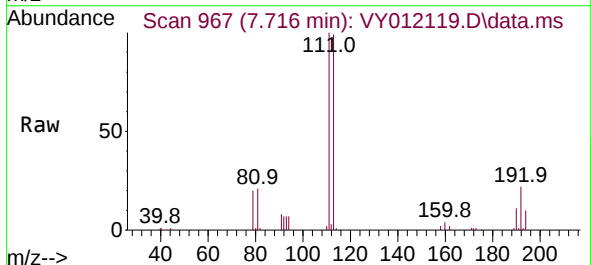
Instrument :
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VNJ-210

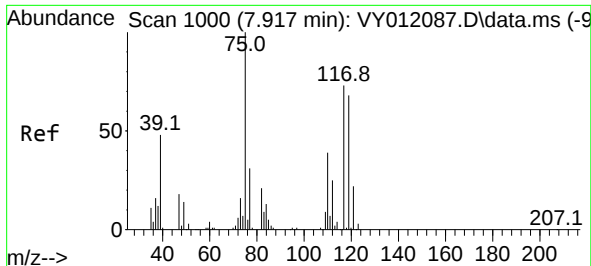
Tgt Ion:114	Resp:	123135
Ion Ratio	Lower	Upper
114	100	
63	17.9	0.0 39.6
88	15.6	0.0 32.2



#35
Dibromofluoromethane
Concen: 45.833 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion:113	Resp:	37095
Ion Ratio	Lower	Upper
113	100	
111	101.5	83.0 124.4
192	21.7	16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.509 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012119.D

Acq: 09 Jan 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

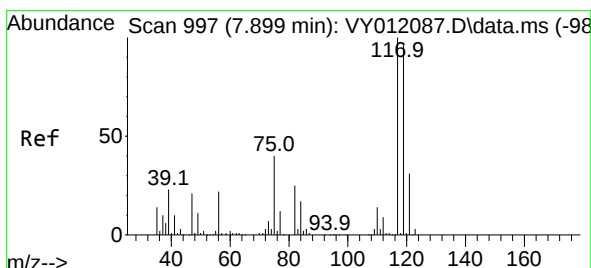
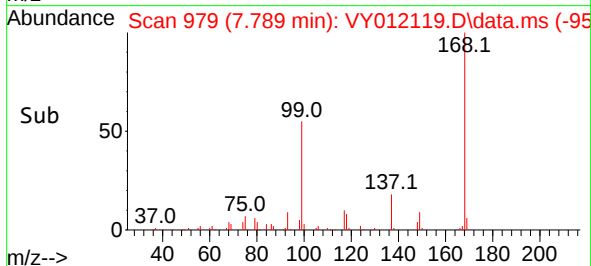
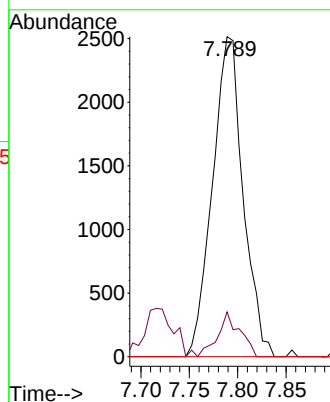
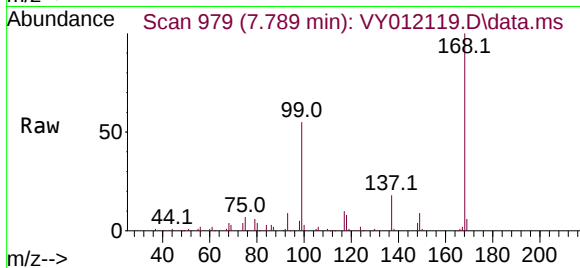
Tgt Ion: 75 Resp: 5537

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.927 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012119.D

Acq: 09 Jan 2023 18:31

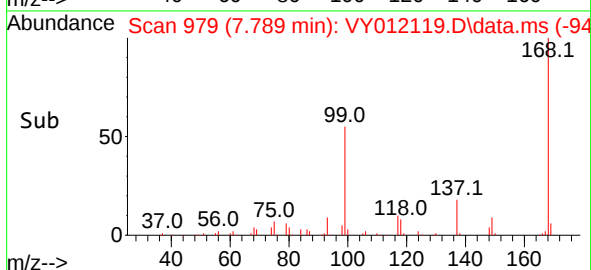
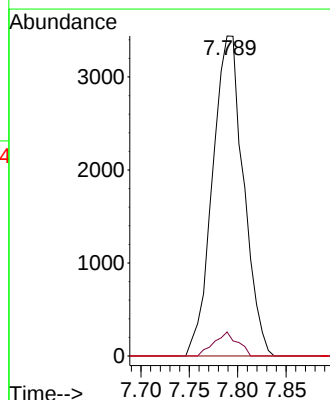
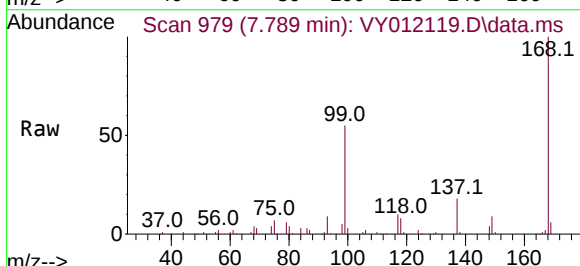
Tgt Ion: 117 Resp: 7679

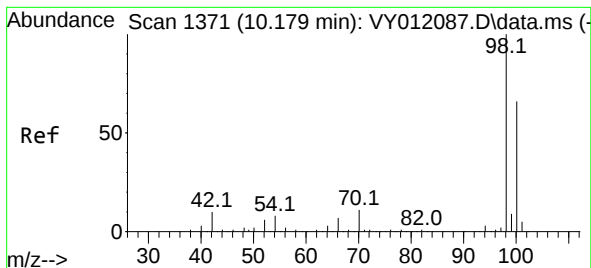
Ion Ratio Lower Upper

117 100

119 7.5 73.8 110.8#

121 0.0 25.2 37.8#

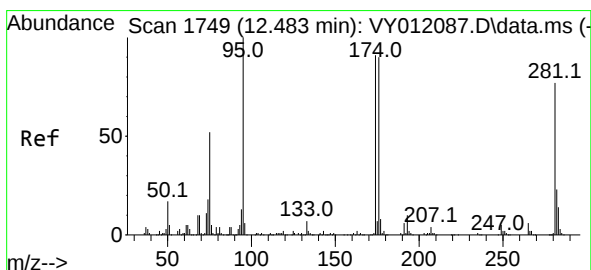
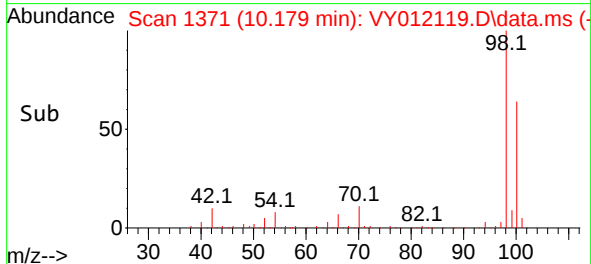
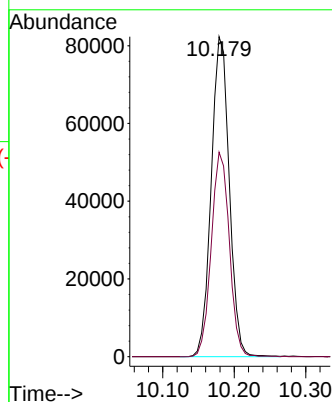
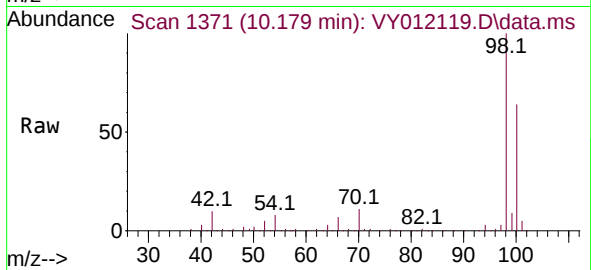




#50
Toluene-d8
Concen: 45.081 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

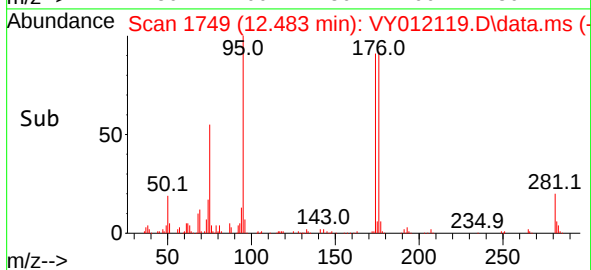
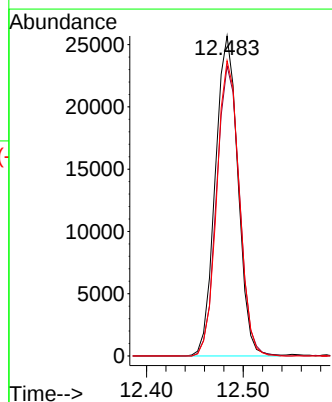
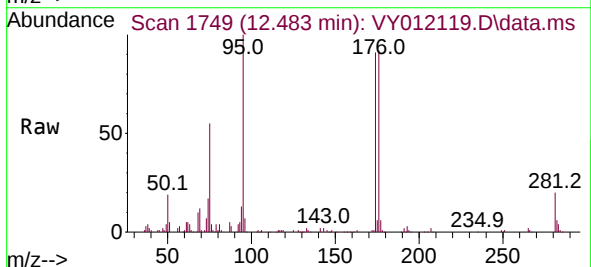
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

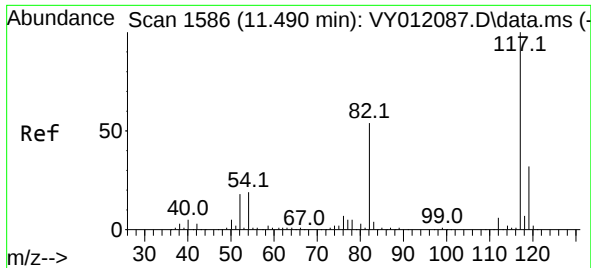
Tgt Ion: 98 Resp: 144011
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion: 95 Resp: 41744
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.0
176 91.3 0.0 167.6

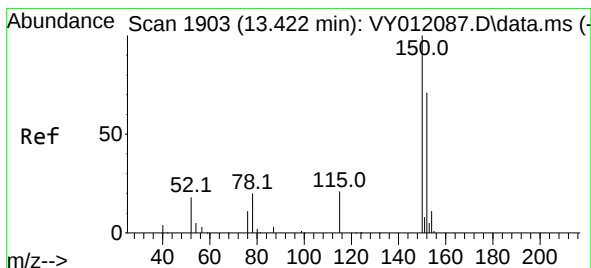
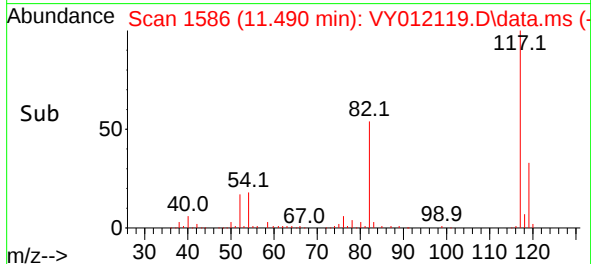
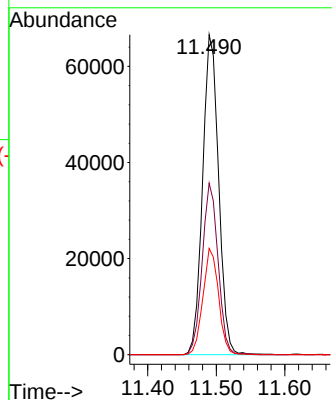
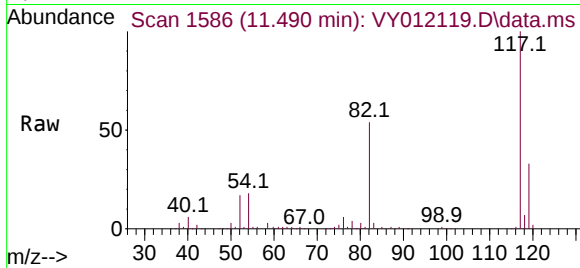




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

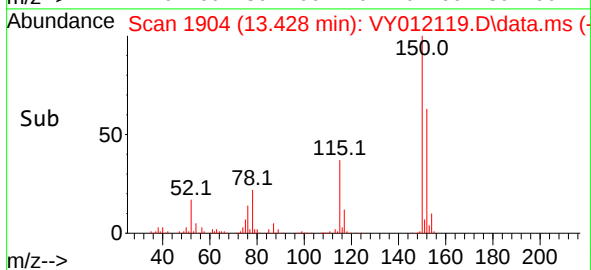
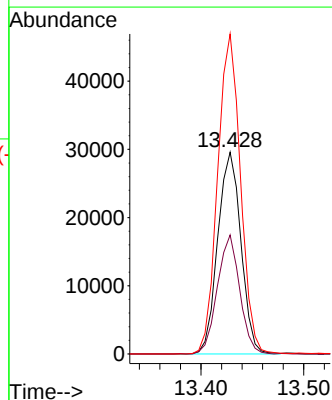
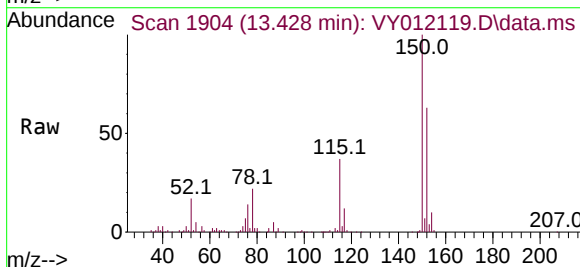
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

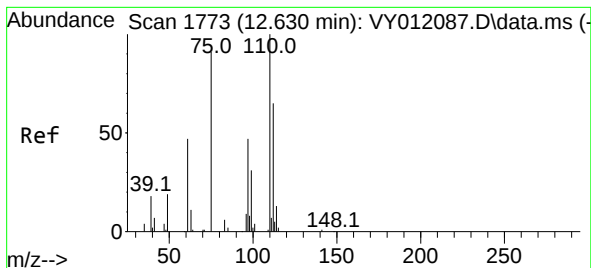
Tgt Ion:117 Resp: 108481
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion:152 Resp: 46263
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 156.4 0.0 342.6

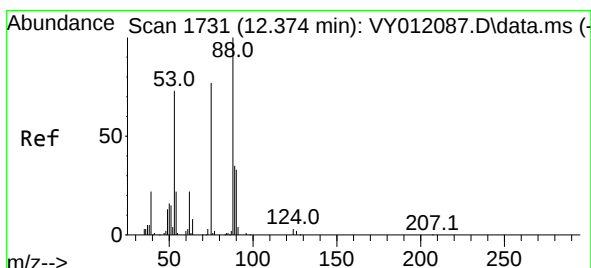
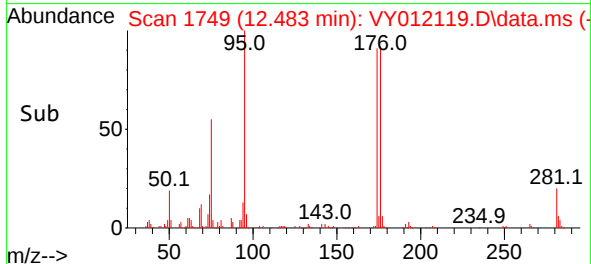
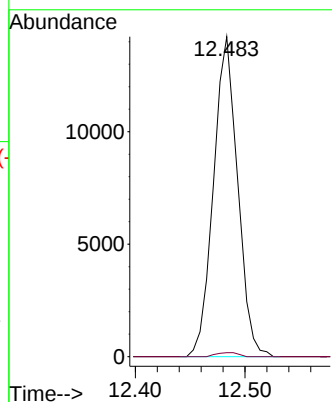
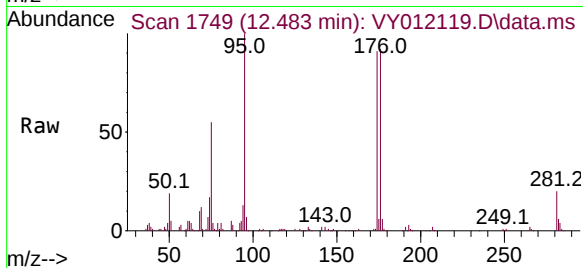




#76
1,2,3-Trichloropropane
Concen: 41.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

Tgt Ion: 75 Resp: 21797
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012119.D
Acq: 09 Jan 2023 18:31

Tgt Ion: 75 Resp: 21797
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

