

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017120.D
 Acq On : 26 Jan 2024 14:46
 Operator : SY/MD
 Sample : P1264-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213RE

Quant Time: Jan 29 04:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

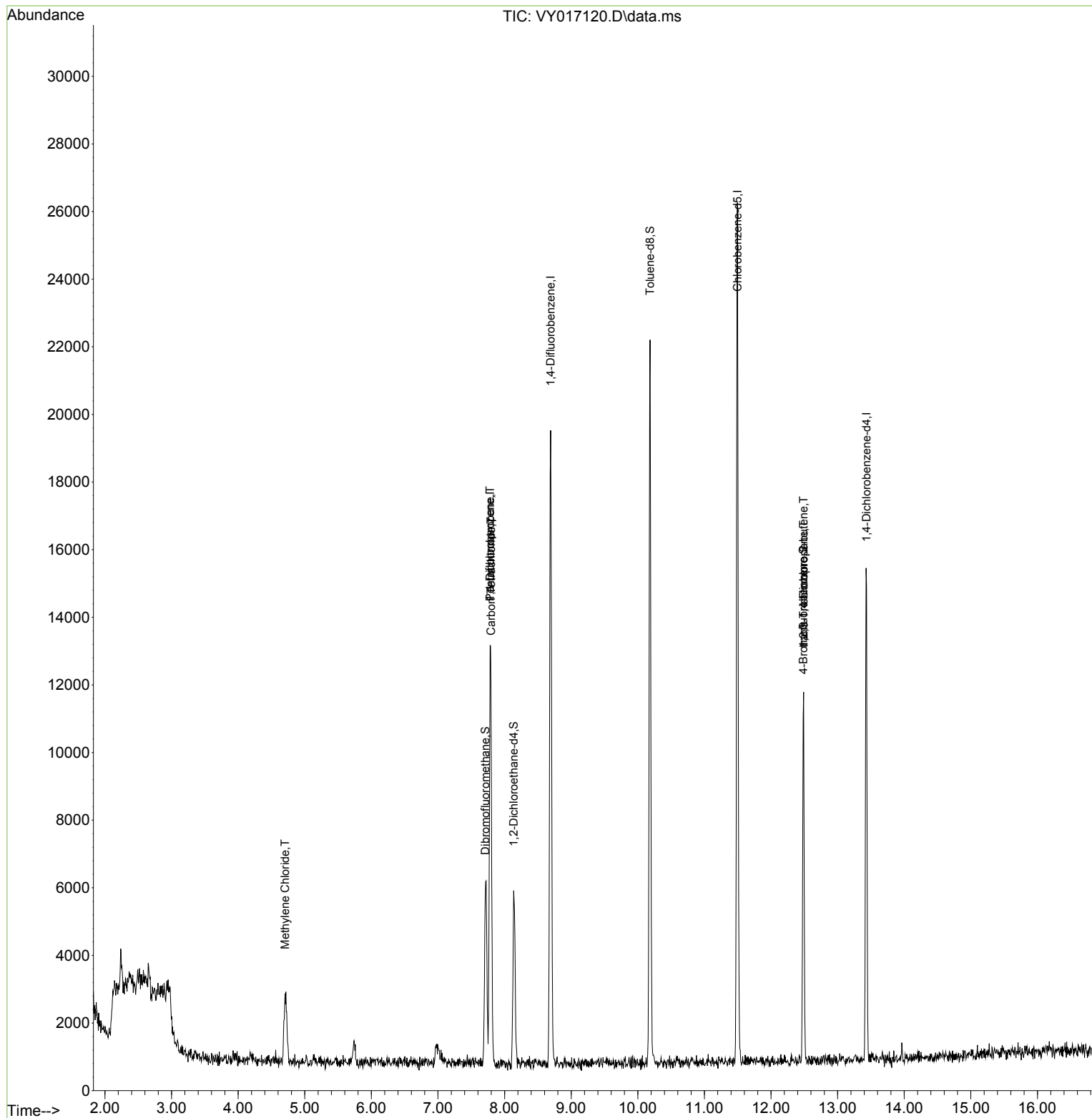
Internal Standards						
1) Pentafluorobenzene	7.783	168	9760	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	17039	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	14494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	4058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4142	43.558	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.120%
35) Dibromofluoromethane	7.709	113	4096	39.830	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.660%
50) Toluene-d8	10.185	98	14393	37.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.120%
62) 4-Bromofluorobenzene	12.483	95	3457	28.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	19	Below Cal	#	41
4) Vinyl Chloride	2.253	62	51	Below Cal	#	43
5) Bromomethane	2.662	94	172	Below Cal	#	53
16) Acetone	3.942	43	253	Below Cal	#	41
20) Methylene Chloride	4.704	84	858	2.324	ug/l	90
25) 2-Butanone	6.984	43	22	Below Cal	#	48
31) Cyclohexane	7.783	56	271	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	865	5.112	ug/l	# 44
38) Carbon Tetrachloride	7.795	117	995	6.001	ug/l	# 12
76) 1,2,3-Trichloropropane	12.489	75	1879	38.148	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	1879	98.760	ug/l	# 12

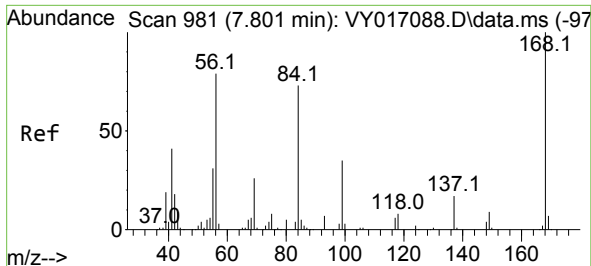
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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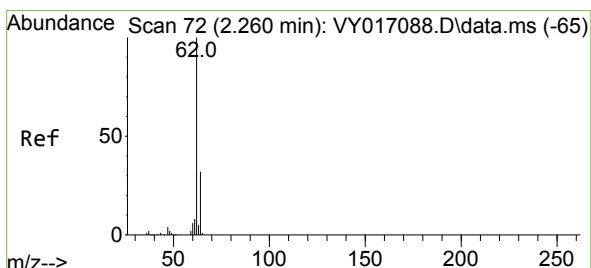
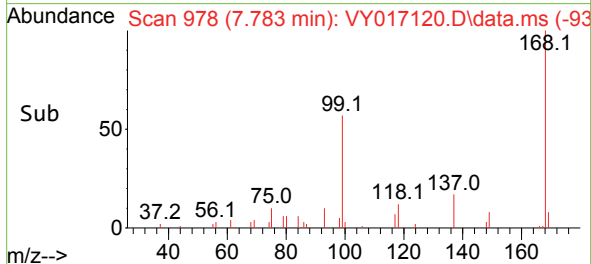
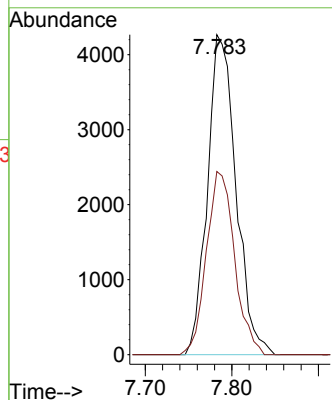
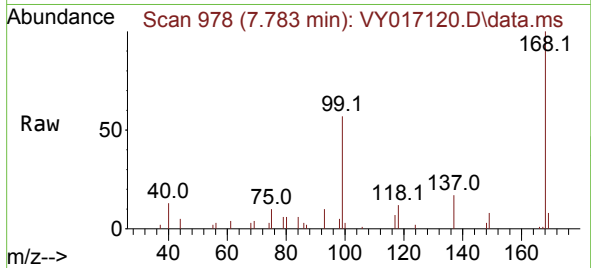




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

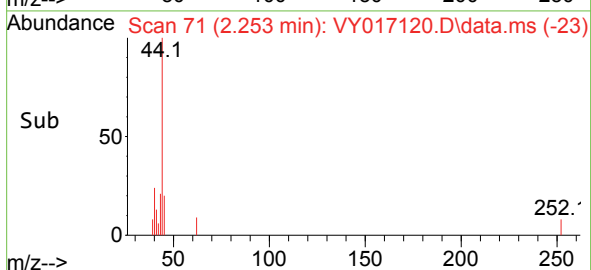
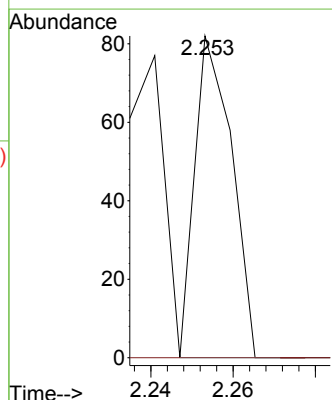
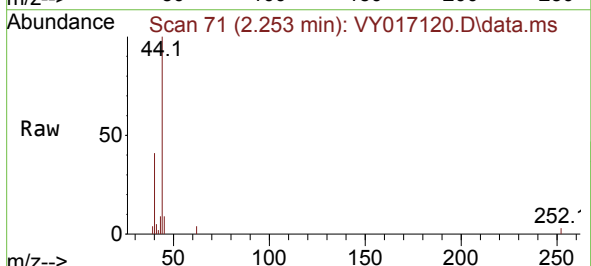
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213RE

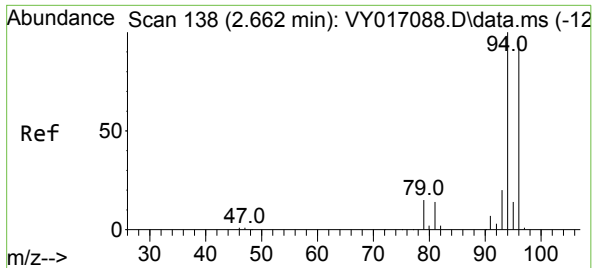
Tgt Ion:168 Resp: 9760
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

Tgt Ion: 62 Resp: 51
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.662 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

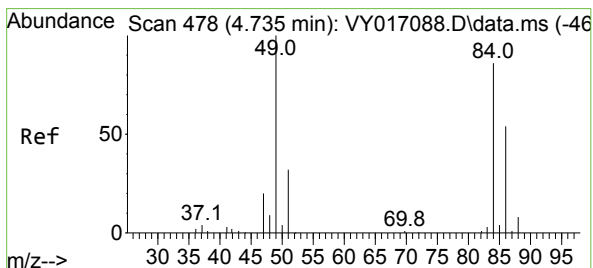
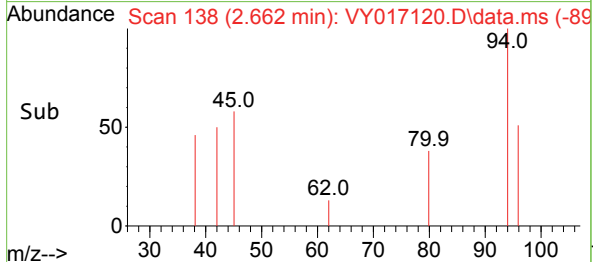
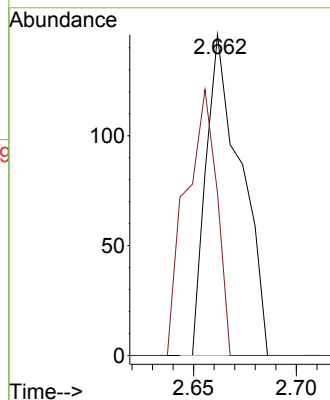
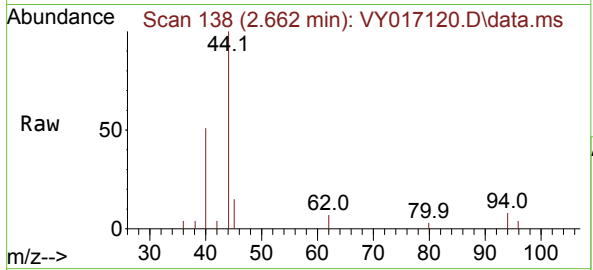
VNJ-213RE

Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

94 100

96 50.7 77.3 115.9#



#20

Methylene Chloride

Concen: 2.324 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.030 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

Tgt Ion: 84 Resp: 858

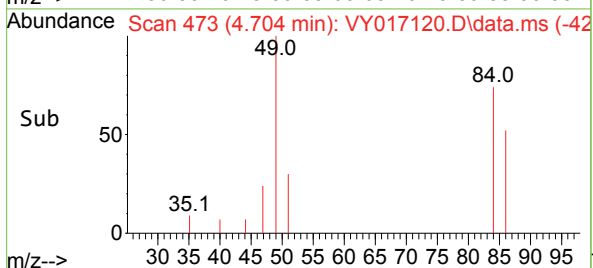
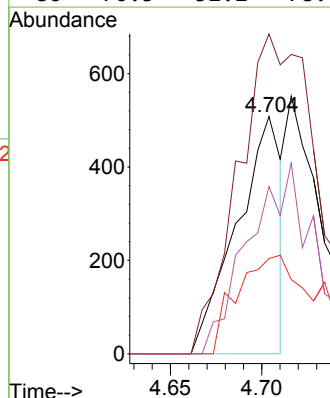
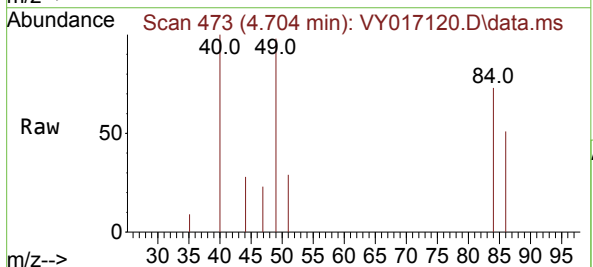
Ion Ratio Lower Upper

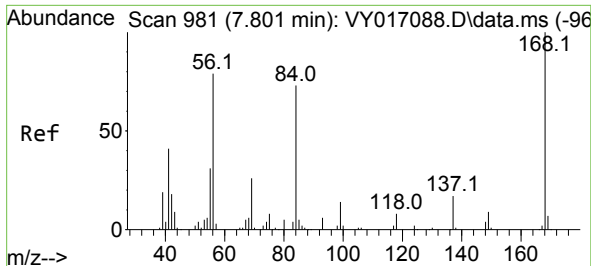
84 100

49 134.8 95.2 142.8

51 40.2 29.9 44.9

86 70.5 52.2 78.4

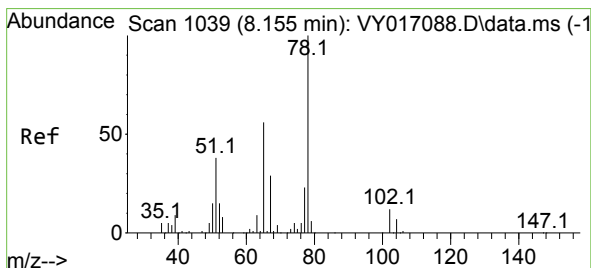
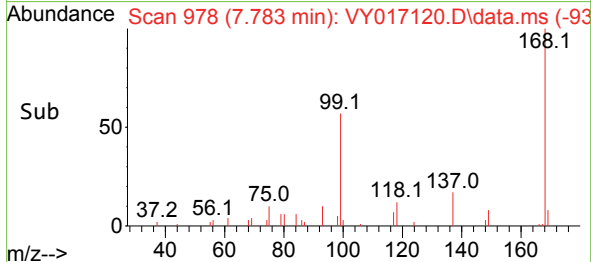
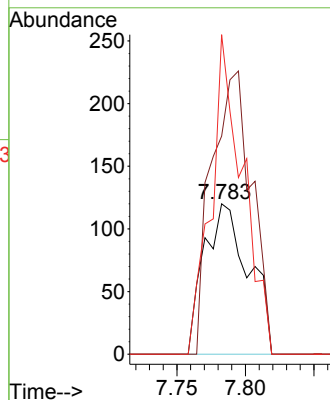
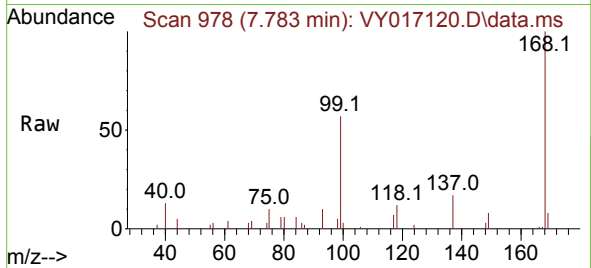




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

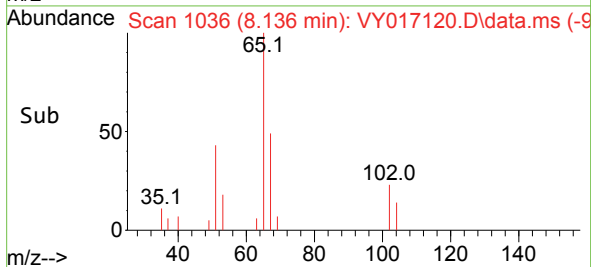
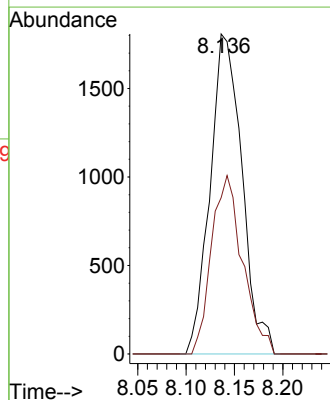
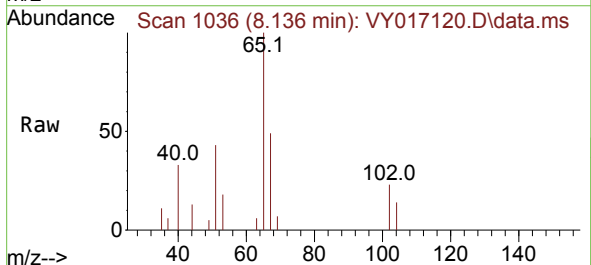
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213RE

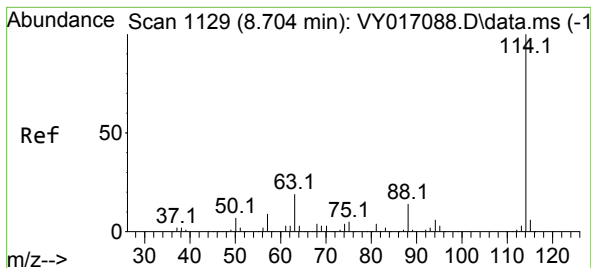
Tgt Ion: 56 Resp: 271
Ion Ratio Lower Upper
56 100
69 145.0 27.0 40.6#
84 212.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 43.558 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.019 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

Tgt Ion: 65 Resp: 4142
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-213RE

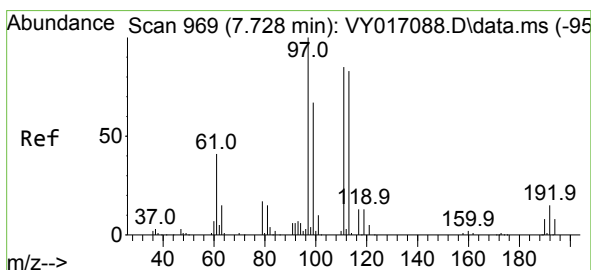
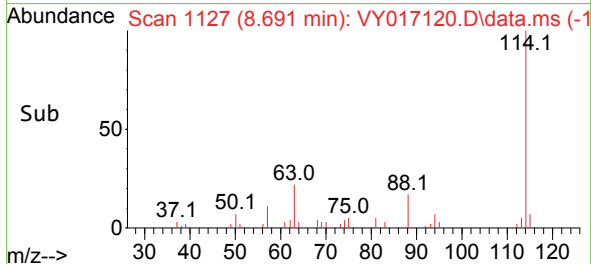
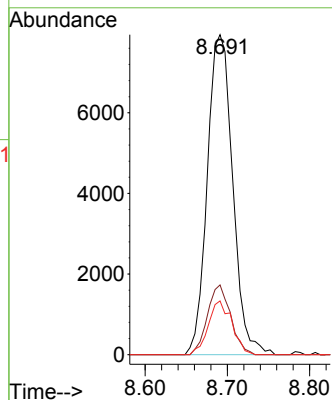
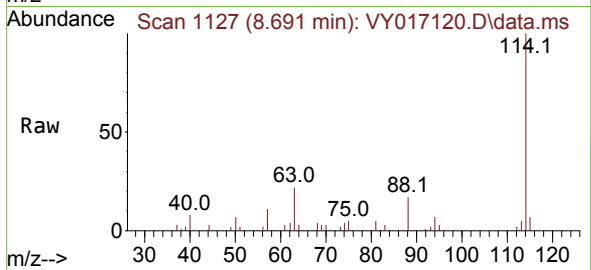
Tgt Ion:114 Resp: 17039

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

88 16.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.830 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.019 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

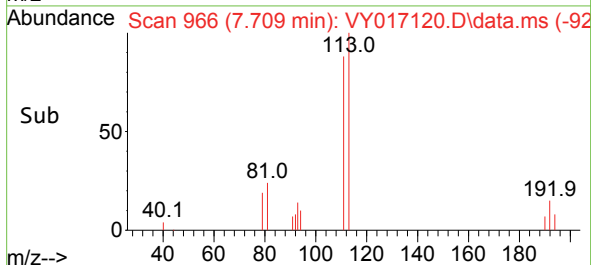
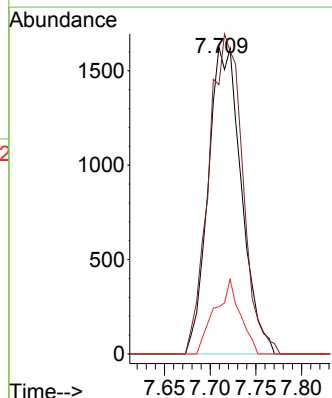
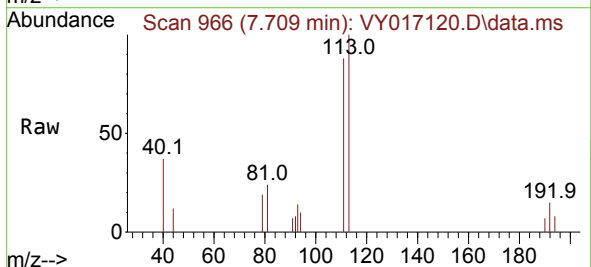
Tgt Ion:113 Resp: 4096

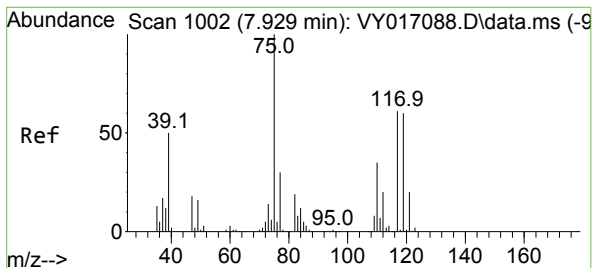
Ion Ratio Lower Upper

113 100

111 107.0 83.8 125.6

192 18.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.112 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.146 min

Lab File: VY017120.D

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ClientSampleId :

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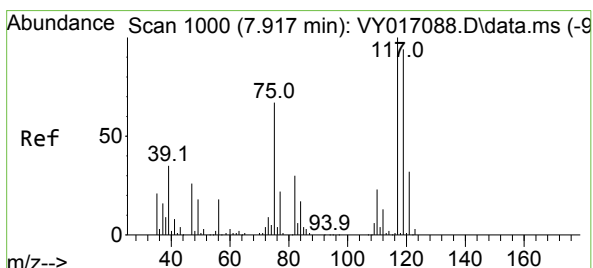
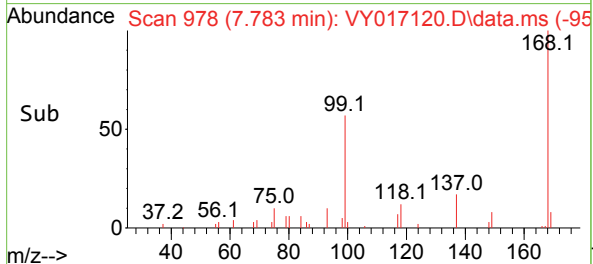
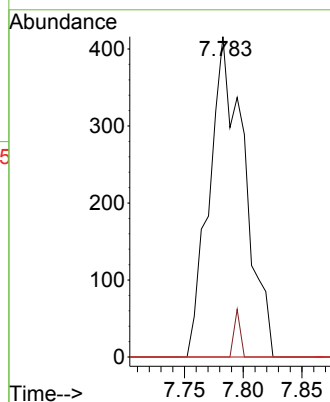
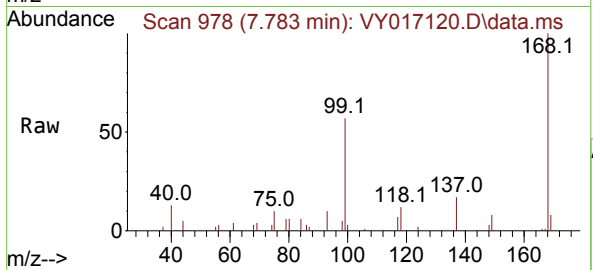
Tgt Ion: 75 Resp: 865

Ion Ratio Lower Upper

75 100

110 2.7 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

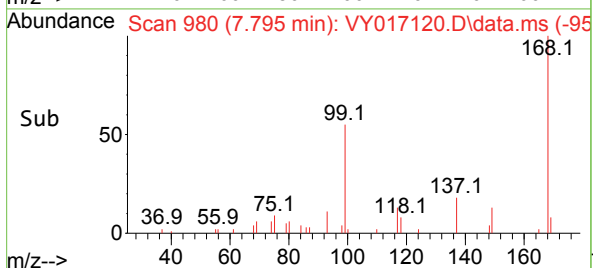
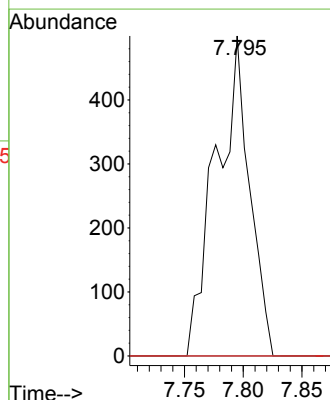
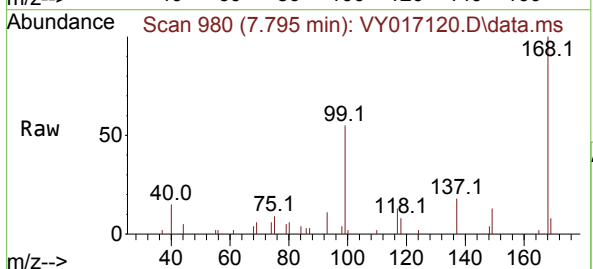
Tgt Ion: 117 Resp: 995

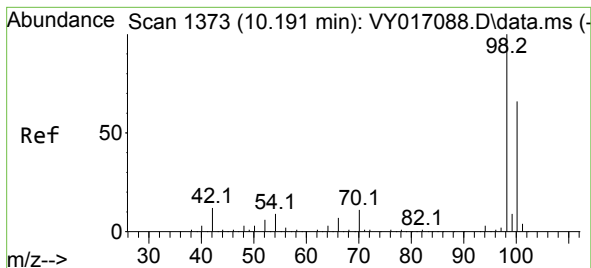
Ion Ratio Lower Upper

117 100

119 0.0 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 37.055 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

Instrument :

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ClientSampleId :

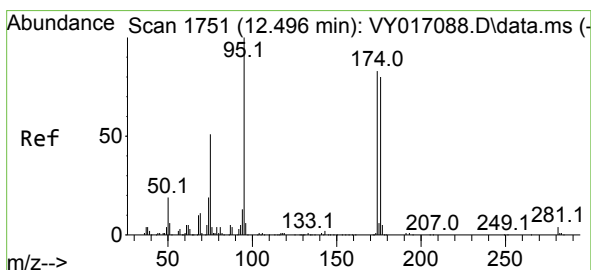
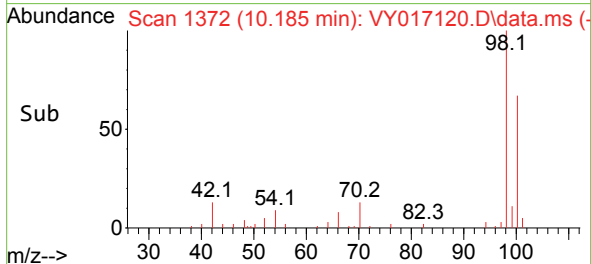
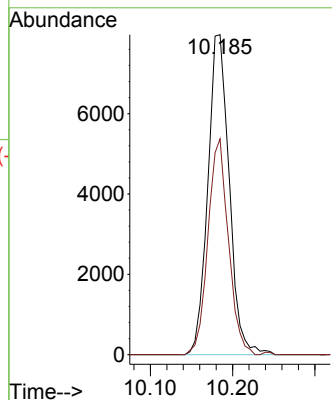
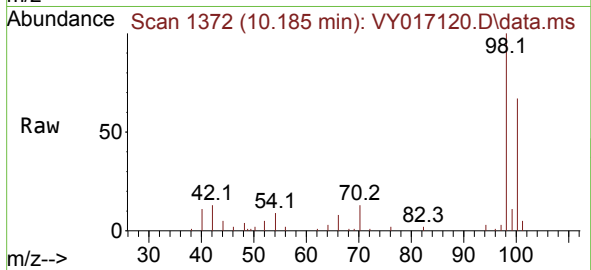
VNJ-213RE

Tgt Ion: 98 Resp: 14393

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 28.891 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017120.D

Acq: 26 Jan 2024 14:46

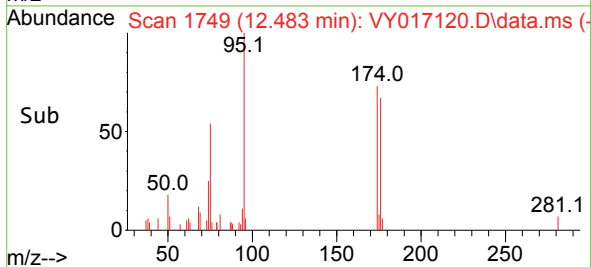
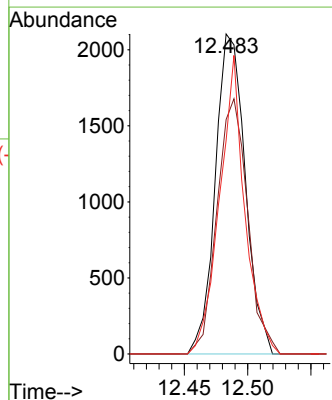
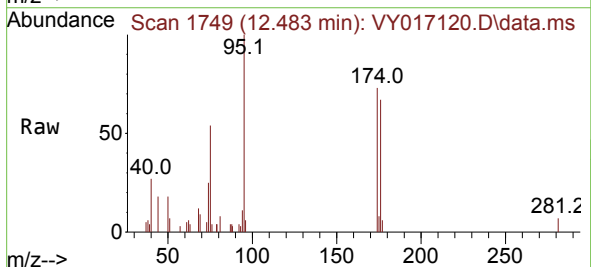
Tgt Ion: 95 Resp: 3457

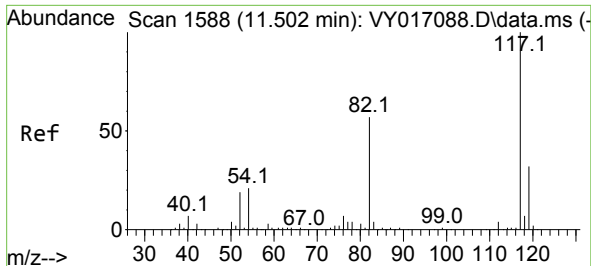
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.0

176 78.8 0.0 151.8

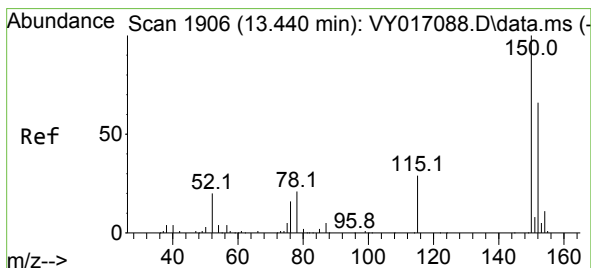
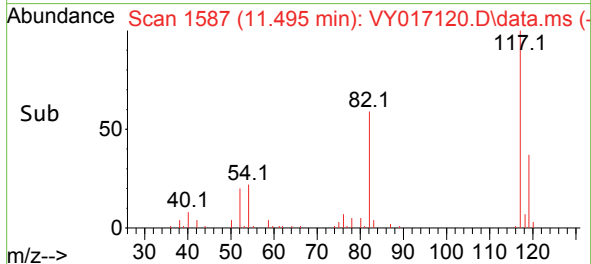
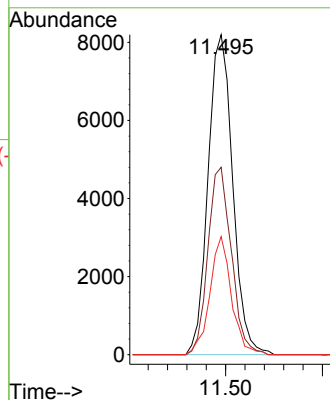
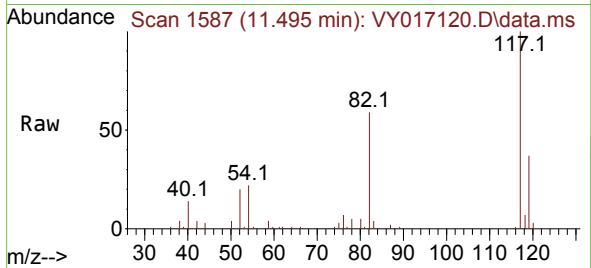




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

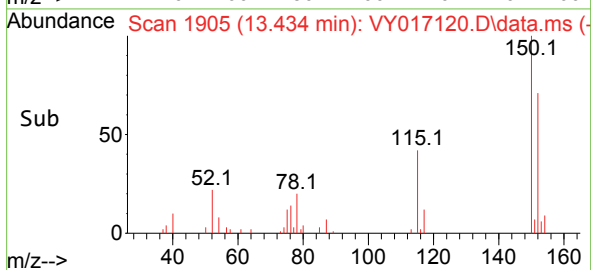
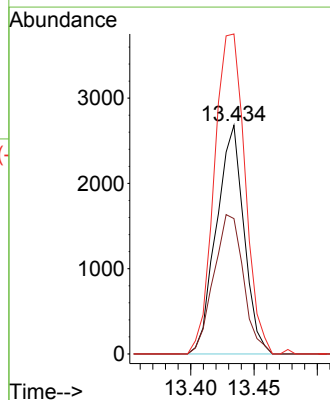
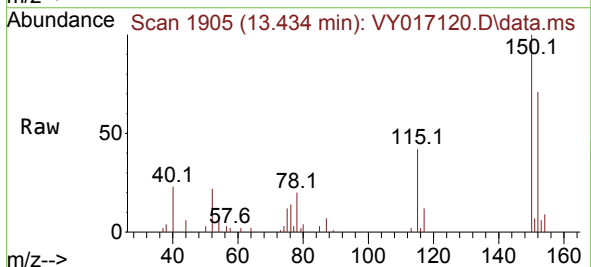
Instrument :
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VNJ-213RE

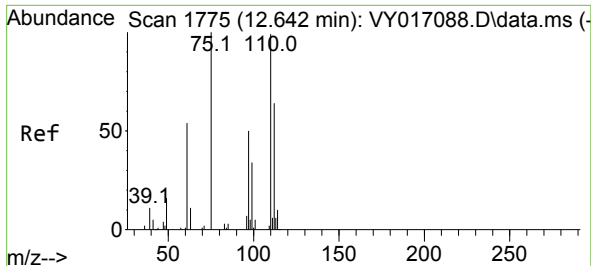
Tgt Ion:117 Resp: 14494
Ion Ratio Lower Upper
117 100
82 58.6 43.8 65.8
119 36.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

Tgt Ion:152 Resp: 4058
Ion Ratio Lower Upper
152 100
115 65.7 30.0 90.0
150 156.0 0.0 344.6

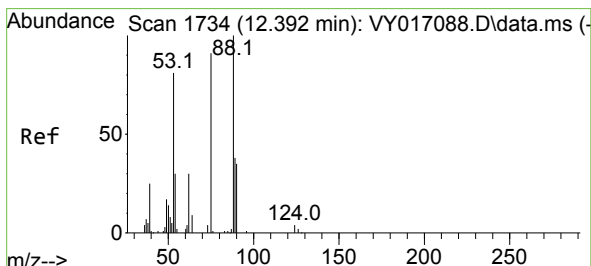
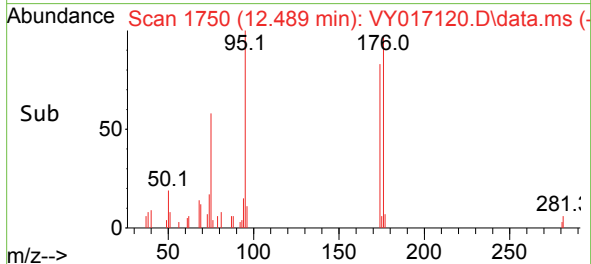
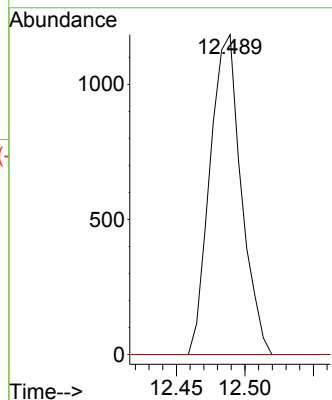
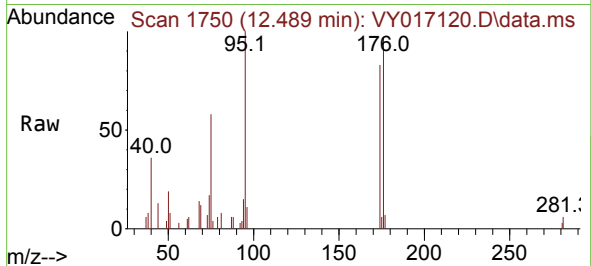




#76
1,2,3-Trichloropropane
Concen: 38.148 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213RE

Tgt Ion: 75 Resp: 1879
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 98.760 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017120.D
Acq: 26 Jan 2024 14:46

Tgt Ion: 75 Resp: 1879
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

