

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017765.D
 Acq On : 26 Mar 2024 13:13
 Operator : SY/MD
 Sample : P1865-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

Quant Time: Mar 27 01:29:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	35270	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	47767	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	32310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12137	39.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.000%
35) Dibromofluoromethane	7.728	113	13803	48.342	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.191	98	50964	46.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.489	95	9071	27.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.280%

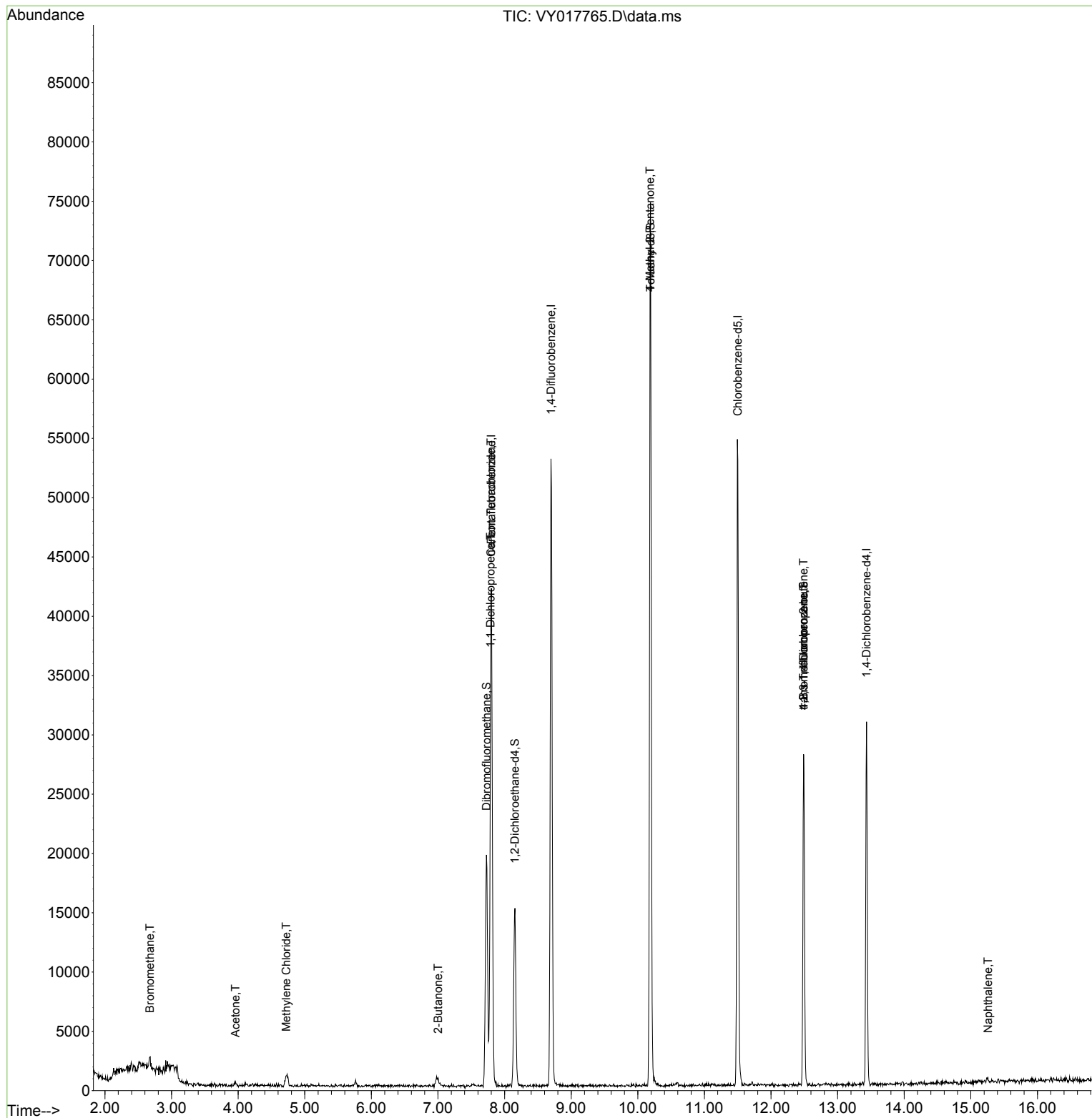
Target Compounds					Qvalue	
5) Bromomethane	2.674	94	481	1.292	ug/l #	77
16) Acetone	3.960	43	433	8.057	ug/l #	84
20) Methylene Chloride	4.722	84	900	2.303	ug/l #	80
25) 2-Butanone	7.002	43	22	8.203	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	2738	6.207	ug/l #	41
38) Carbon Tetrachloride	7.795	117	3126	6.768	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	178	6.605	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	4770	60.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	4770	140.621	ug/l #	16
95) Naphthalene	15.257	128	459	4.591	ug/l #	69

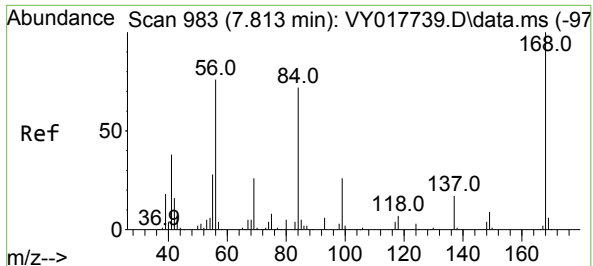
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

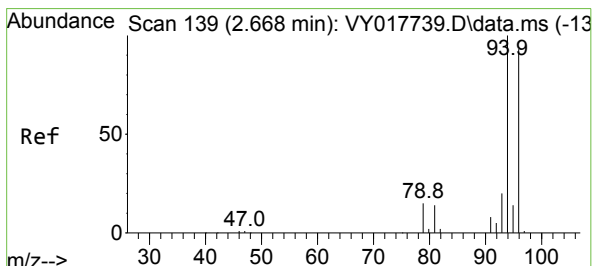
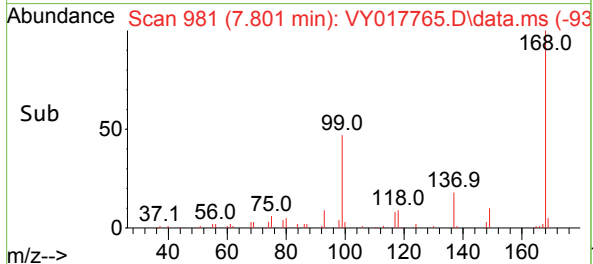
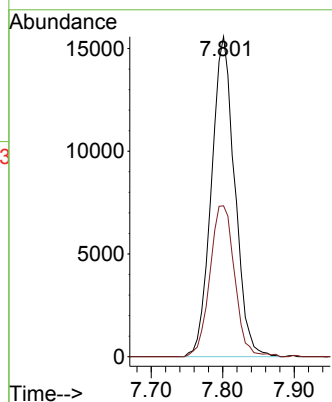
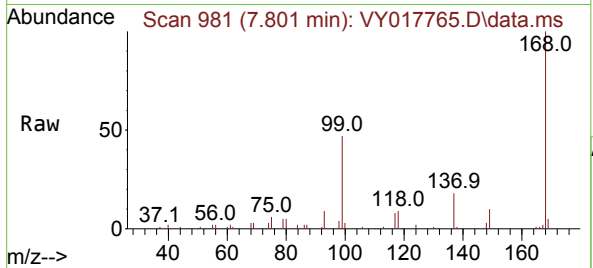




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

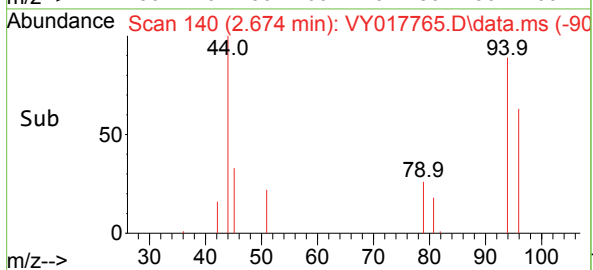
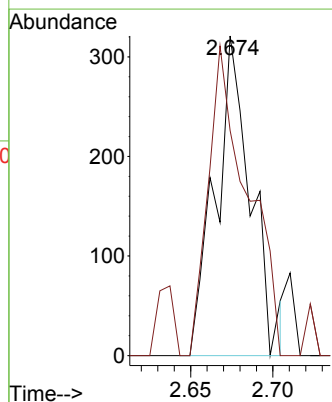
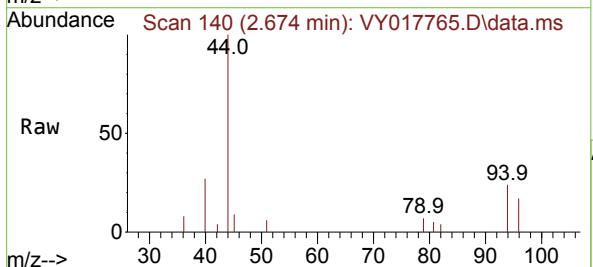
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

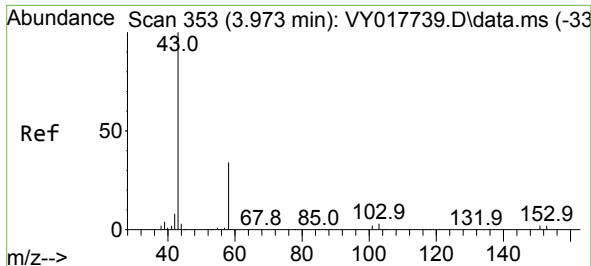
Tgt Ion:168 Resp: 35270
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#5
Bromomethane
Concen: 1.292 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.006 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 70.4 74.1 111.1#

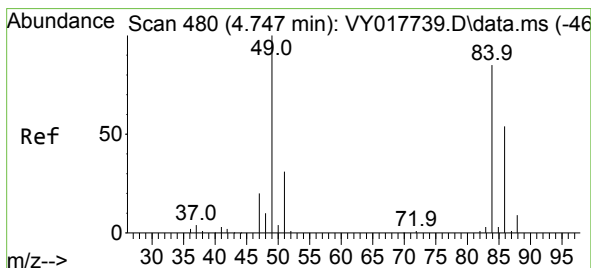
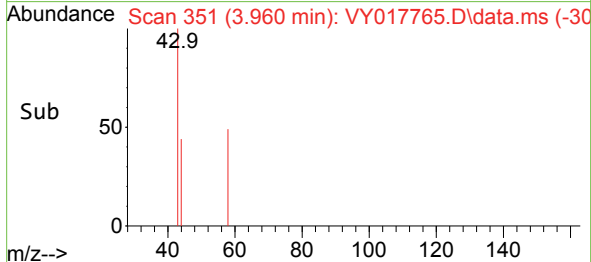
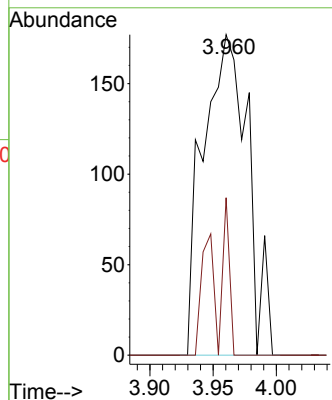
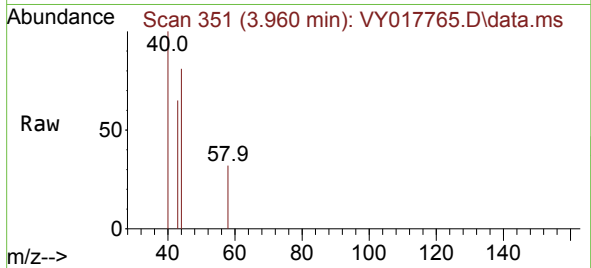




#16
Acetone
Concen: 8.057 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

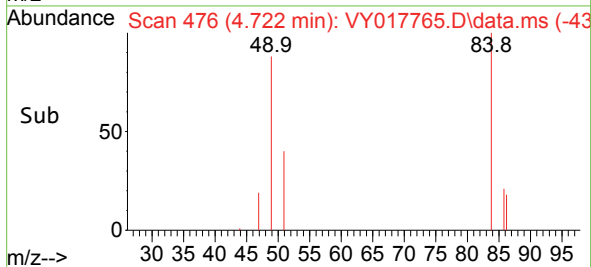
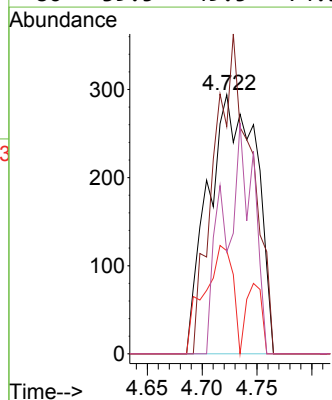
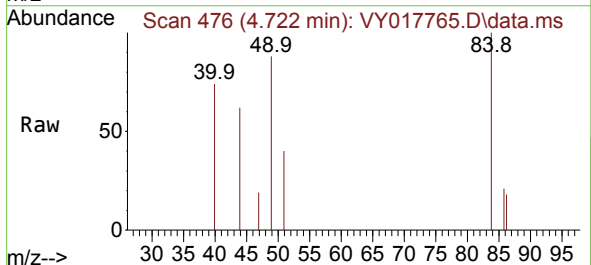
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

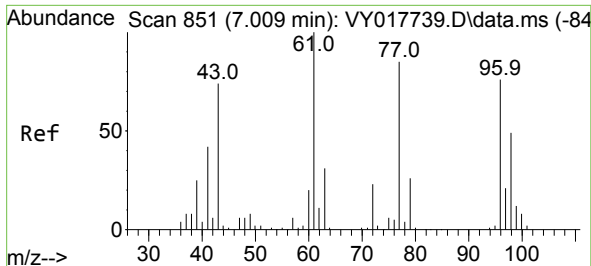
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 49.2 31.7 47.5#



#20
Methylene Chloride
Concen: 2.303 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.025 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 87.8 84.4 126.6
51 39.8 26.0 39.0#
86 39.5 49.5 74.3#

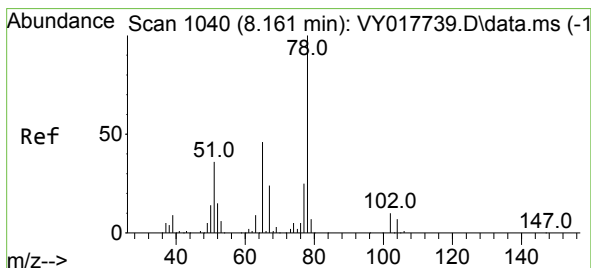
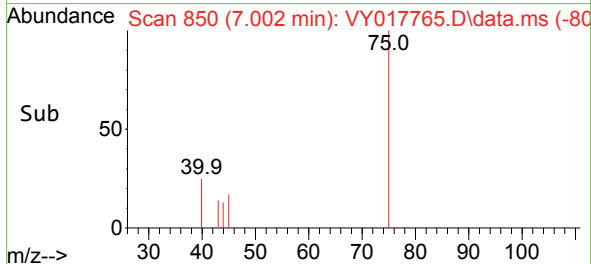
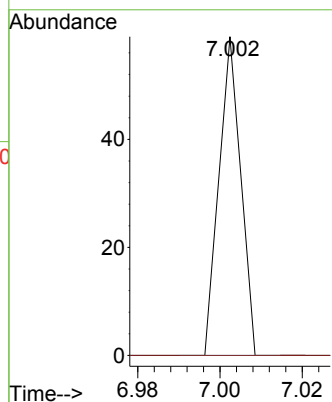
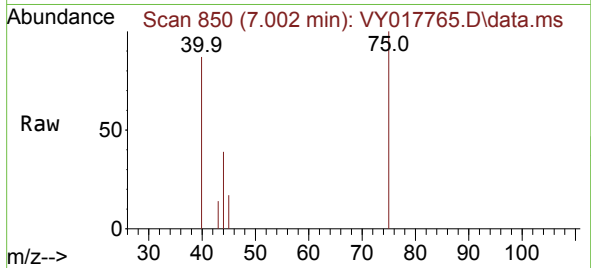




#25
2-Butanone
Concen: 8.203 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.007 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

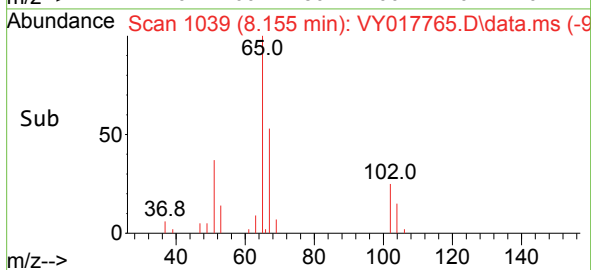
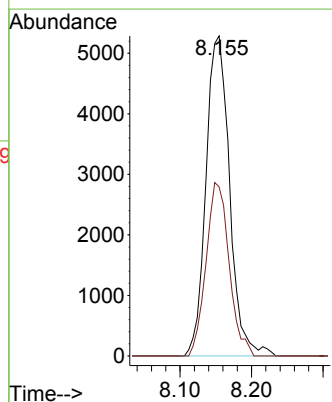
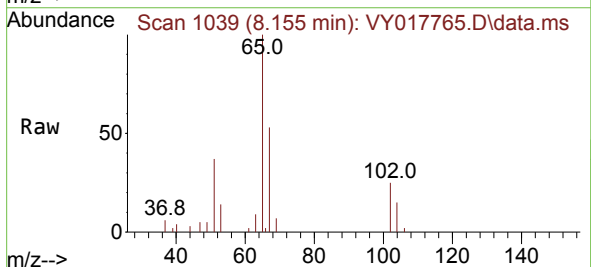
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

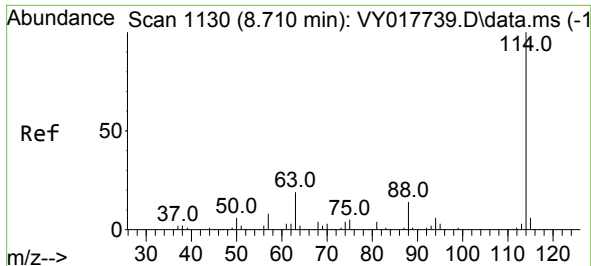
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 39.500 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion: 65 Resp: 12137
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

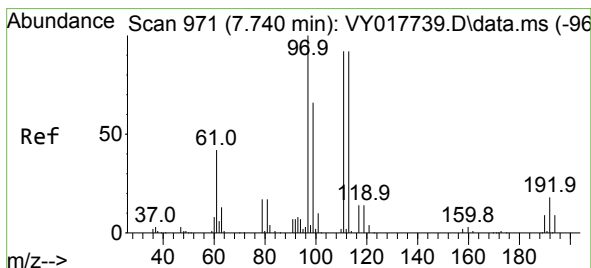
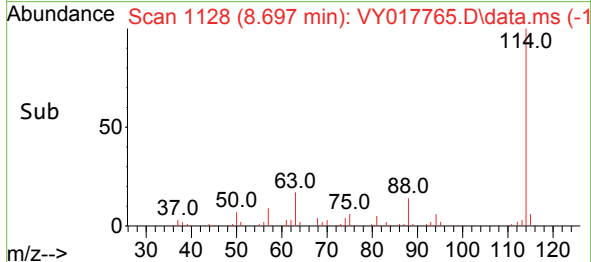
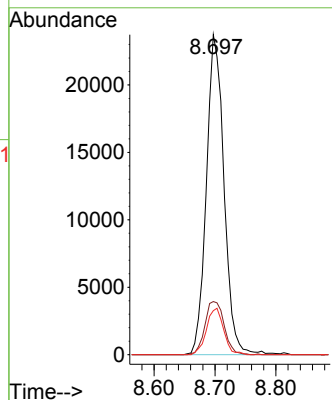
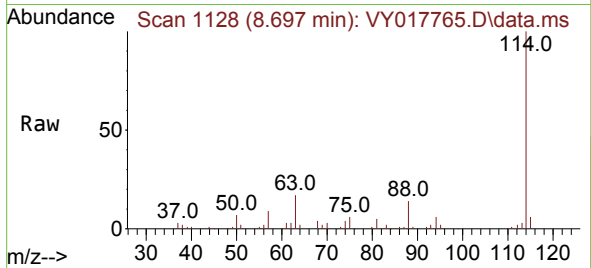




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1130
Delta R.T. -0.012 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

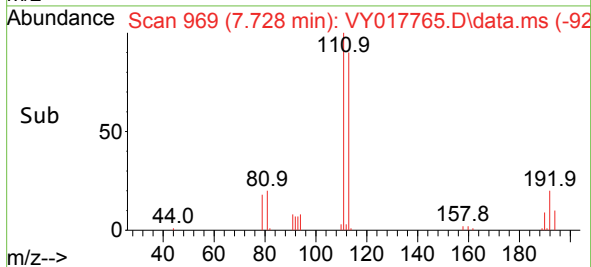
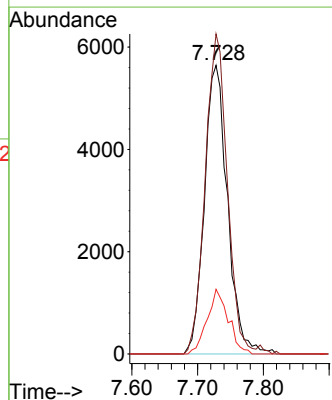
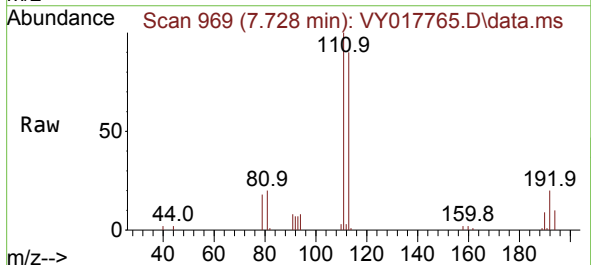
Instrument :
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ClientSampleId :
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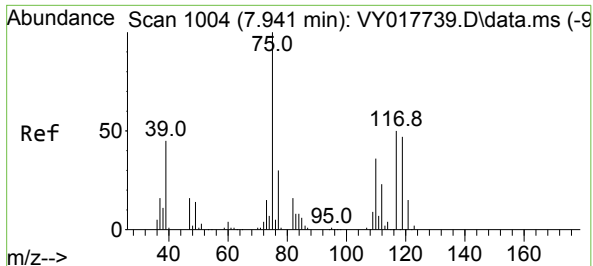
Tgt Ion:114 Resp: 47767
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.342 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion:113 Resp: 13803
Ion Ratio Lower Upper
113 100
111 106.0 82.2 123.4
192 20.6 15.9 23.9

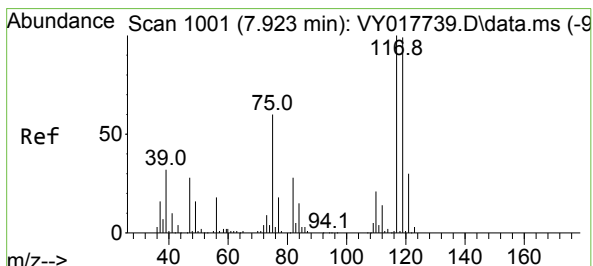
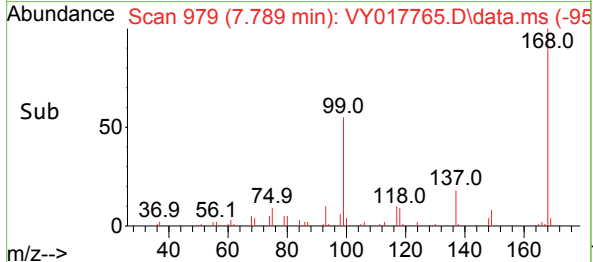
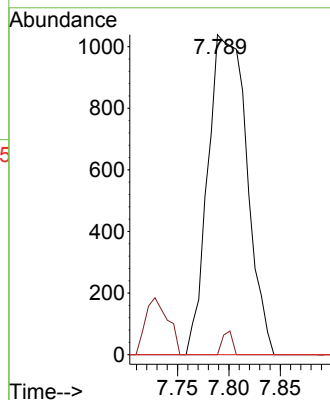
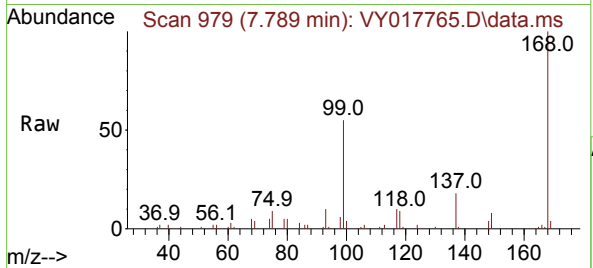




#36
 1,1-Dichloropropene
 Concen: 6.207 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.153 min
 Lab File: VY017765.D
 Acq: 26 Mar 2024 13:13

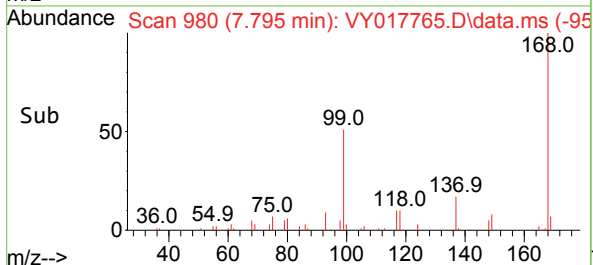
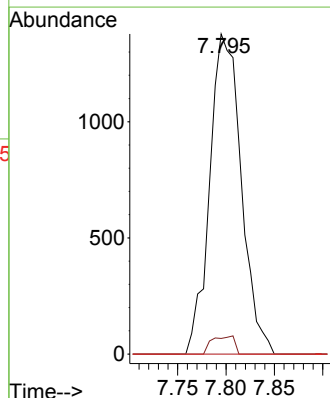
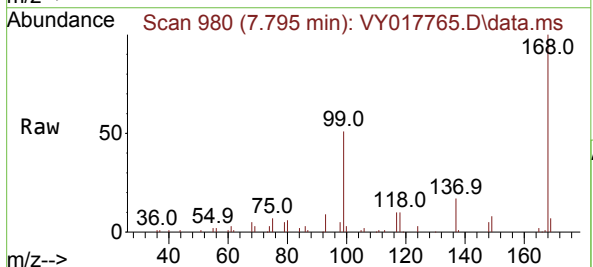
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

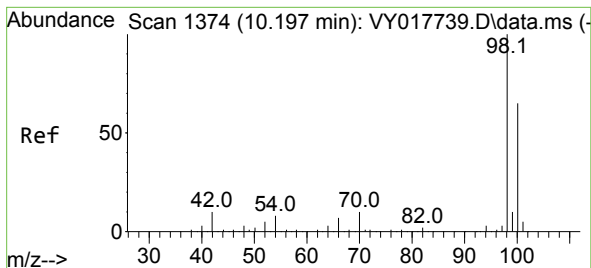
Tgt Ion: 75 Resp: 2738
 Ion Ratio Lower Upper
 75 100
 110 1.9 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.768 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017765.D
 Acq: 26 Mar 2024 13:13

Tgt Ion: 117 Resp: 3126
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.637 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017765.D

Acq: 26 Mar 2024 13:13

Instrument :

MSVOA_Y

ClientSampleId :

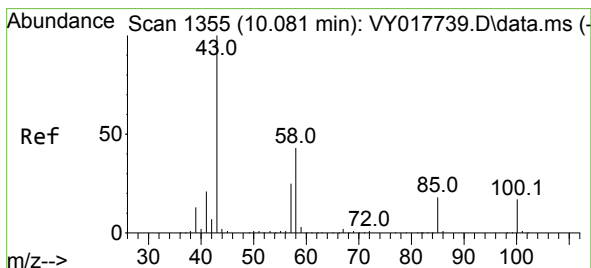
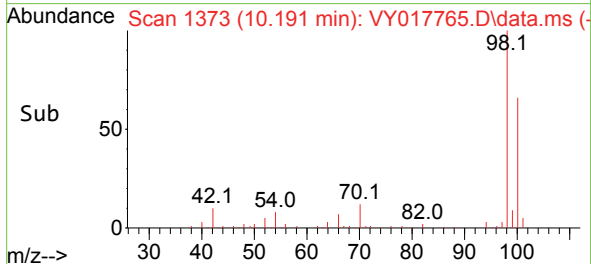
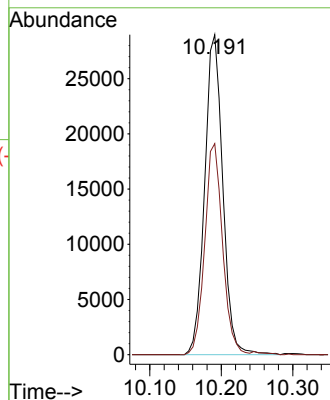
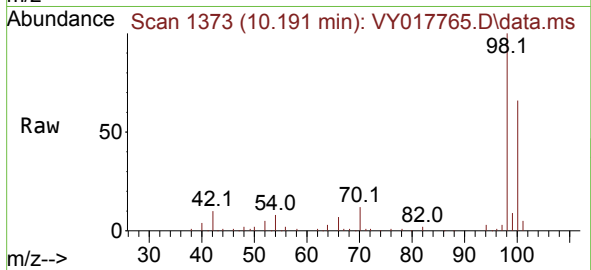
VNJ-235

Tgt Ion: 98 Resp: 50964

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 6.605 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.104 min

Lab File: VY017765.D

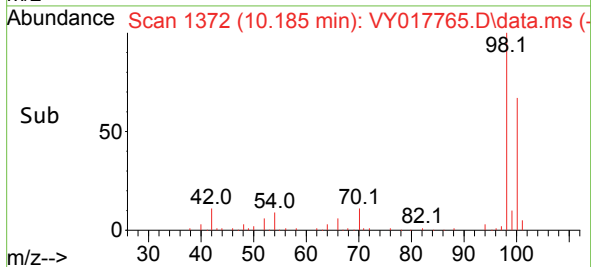
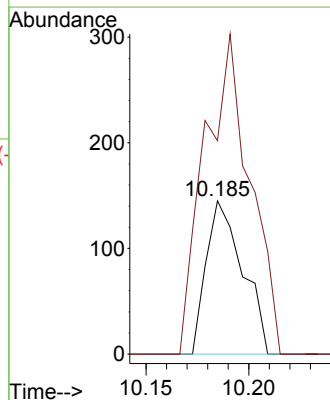
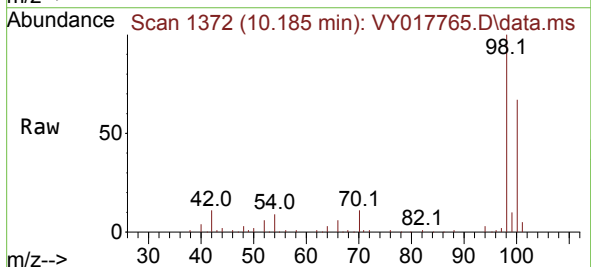
Acq: 26 Mar 2024 13:13

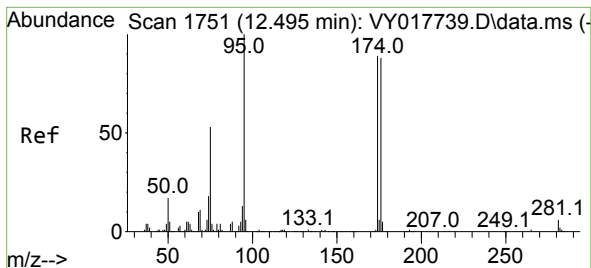
Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

58 261.2 35.7 53.5#

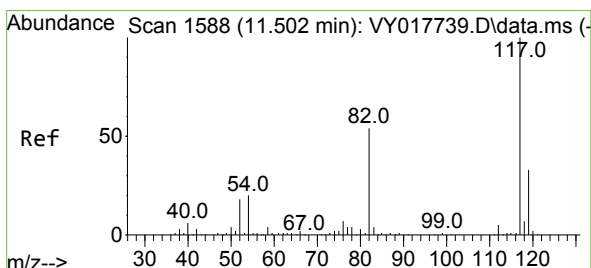
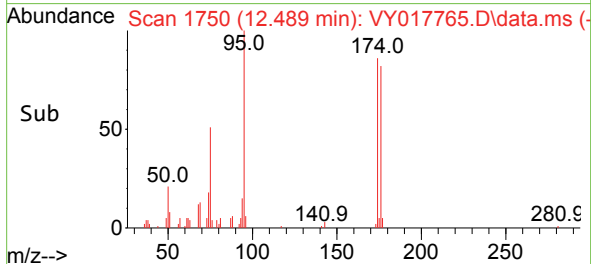
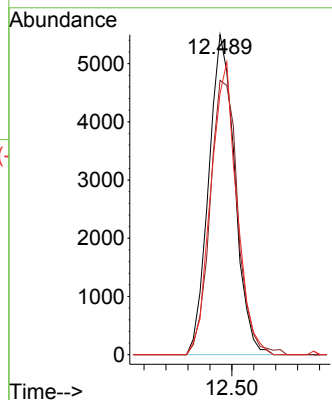
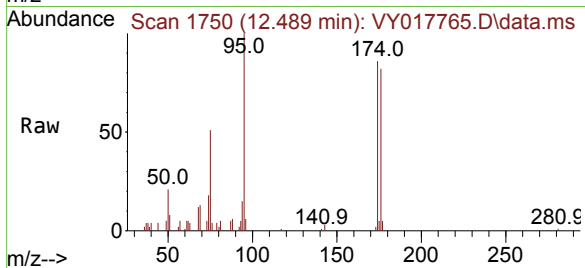




#62
4-Bromofluorobenzene
Concen: 27.643 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

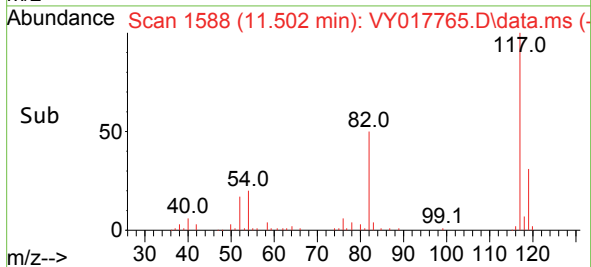
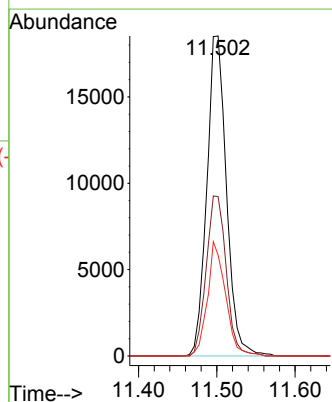
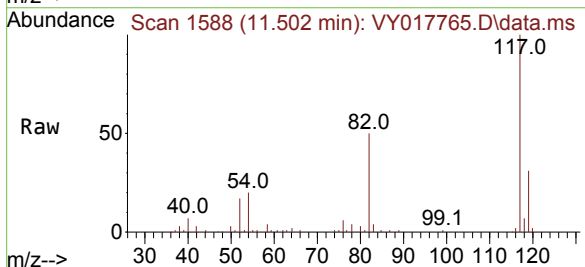
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

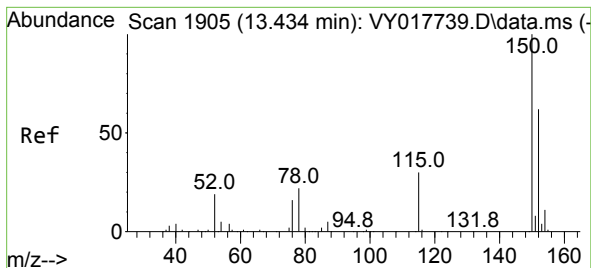
Tgt Ion:	95	Resp:	9071
Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	175.6
176	90.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion:	117	Resp:	32310
Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.4	63.6
119	31.5	25.9	38.9

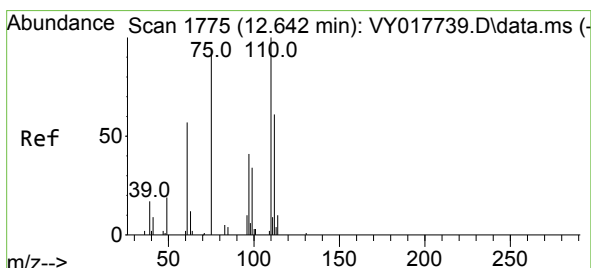
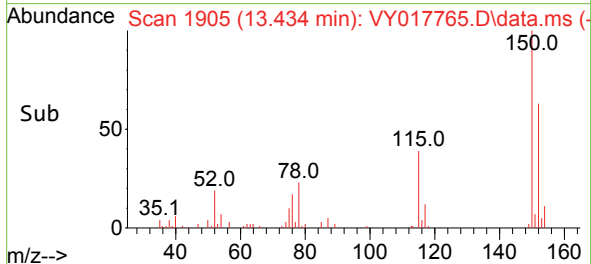
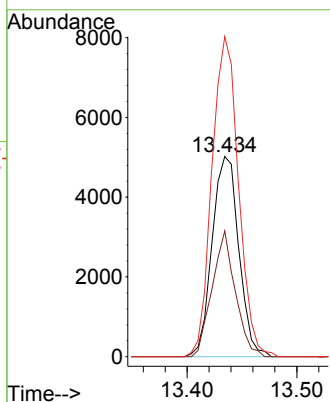
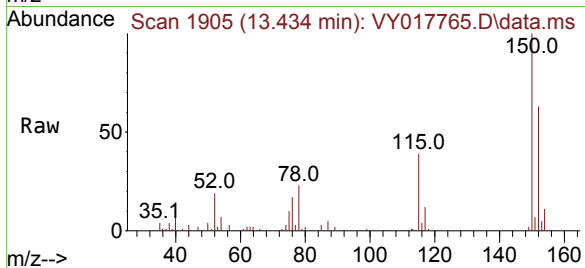




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

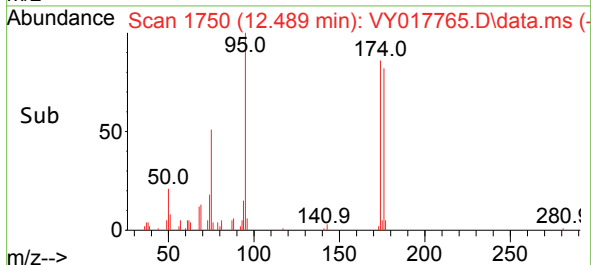
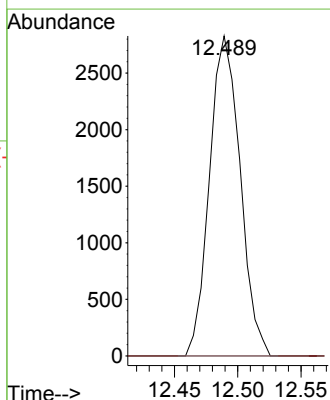
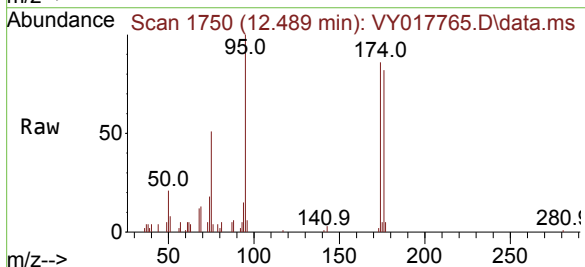
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

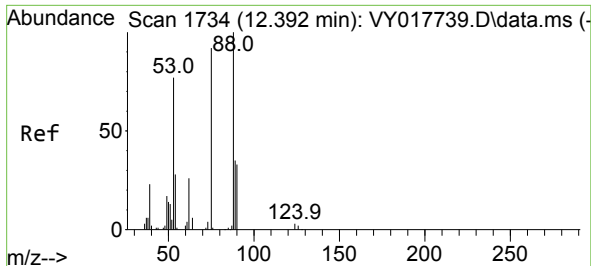
Tgt Ion:152 Resp: 8488
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 159.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 60.856 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion: 75 Resp: 4770
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

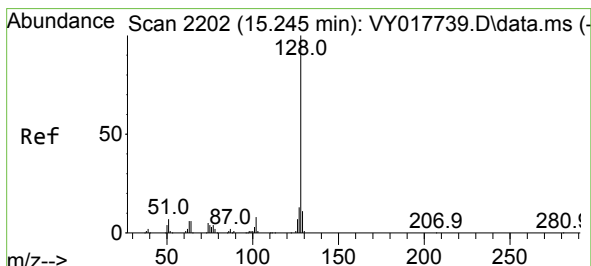
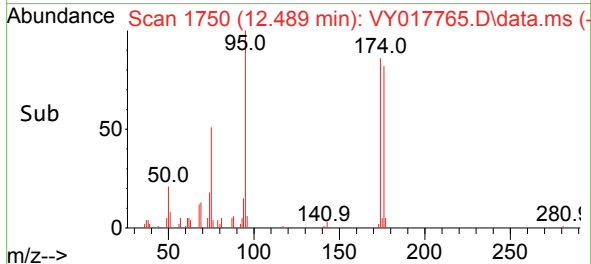
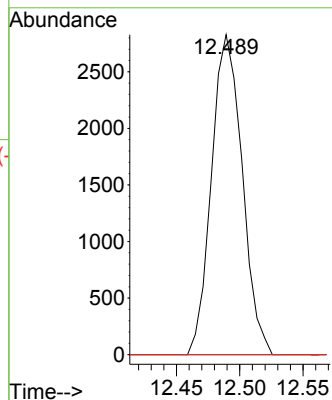
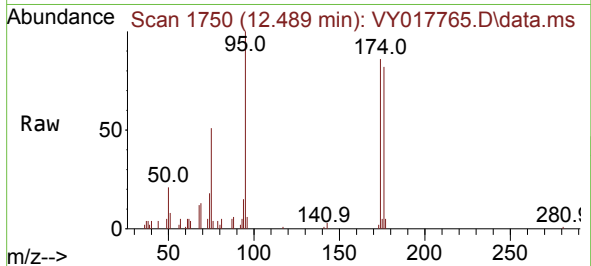




#81
trans-1,4-Dichloro-2-butene
Concen: 140.621 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.097 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Tgt Ion: 75 Resp: 4770
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.591 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion:128 Resp: 459
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

