

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010773.D
 Acq On : 03 Oct 2022 17:58
 Operator : KP/MD
 Sample : N4907-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-232

Quant Time: Oct 04 07:34:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

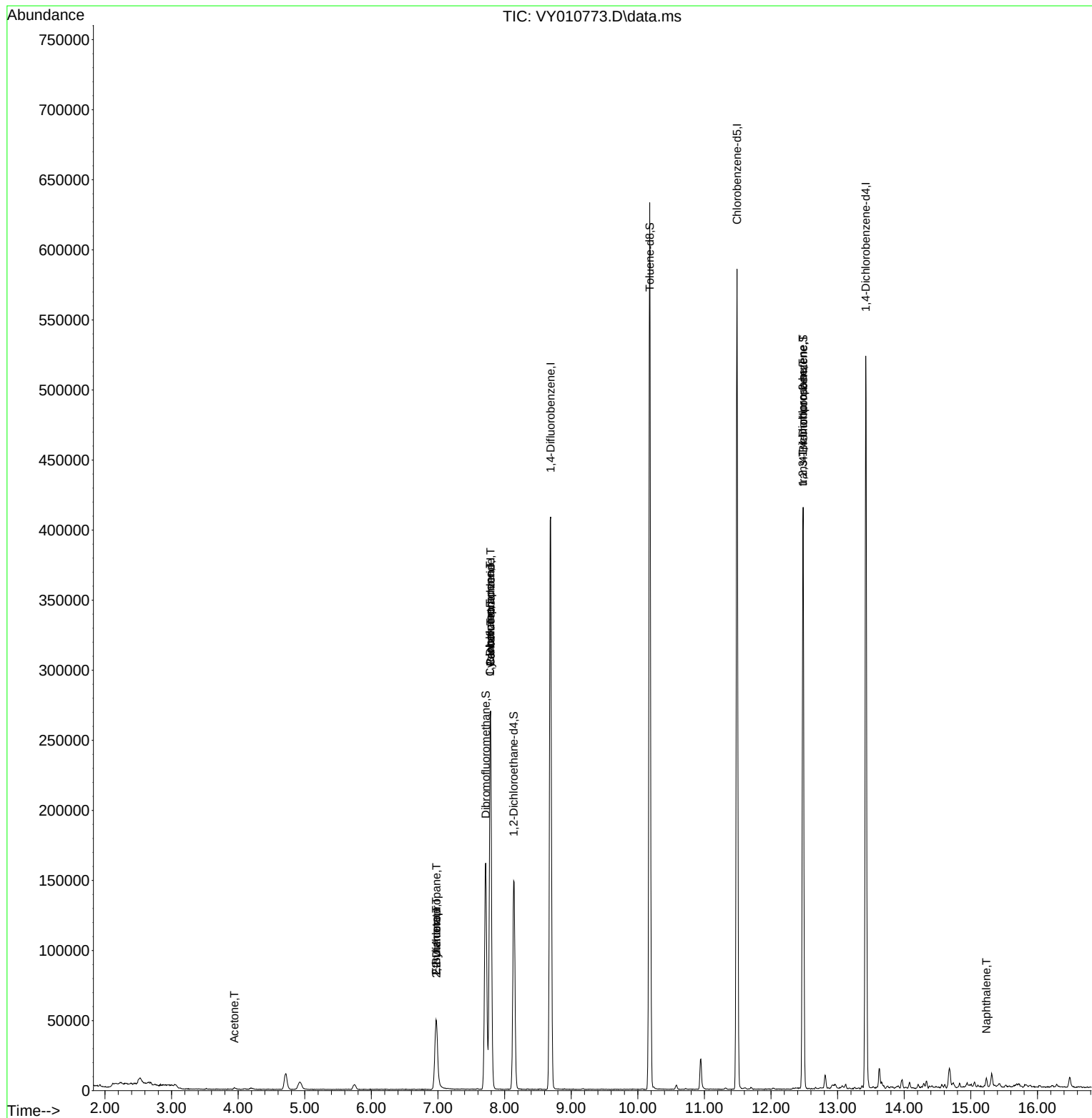
Internal Standards						
1) Pentafluorobenzene	7.789	168	216773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117023	53.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.520%	
35) Dibromofluoromethane	7.716	113	113361	46.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.540%	
50) Toluene-d8	10.179	98	406335	49.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.040%	
62) 4-Bromofluorobenzene	12.483	95	127017	38.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	5862	Below Cal	#	79
16) Acetone	3.942	43	1617	2.898	ug/l #	84
20) Methylene Chloride	4.710	84	9003	Below Cal	#	78
25) 2-Butanone	6.972	43	2959	3.688	ug/l	99
26) 2,2-Dichloropropane	6.978	77	3894	1.001	ug/l #	55
31) Cyclohexane	7.783	56	4136	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15920	4.550	ug/l #	51
37) Ethyl Acetate	6.972	43	2959	1.723	ug/l #	1
38) Carbon Tetrachloride	7.789	117	20567	5.643	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	65507	47.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65507	99.176	ug/l #	7
95) Naphthalene	15.233	128	5548	1.221	ug/l	97

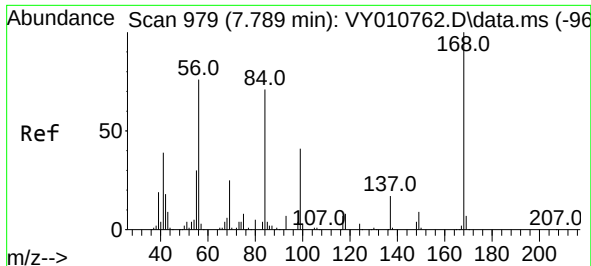
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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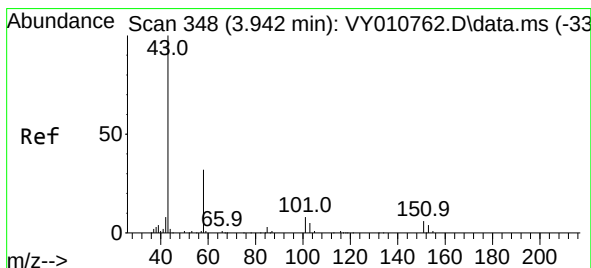
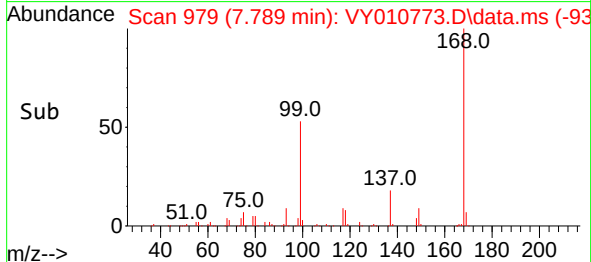
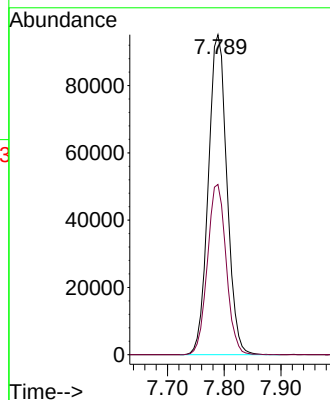
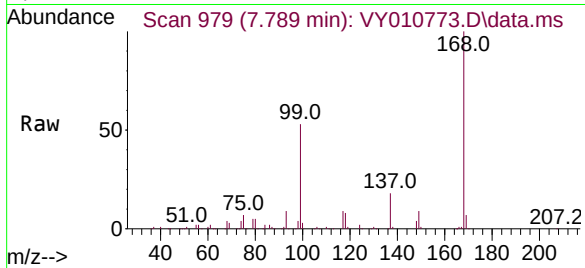




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

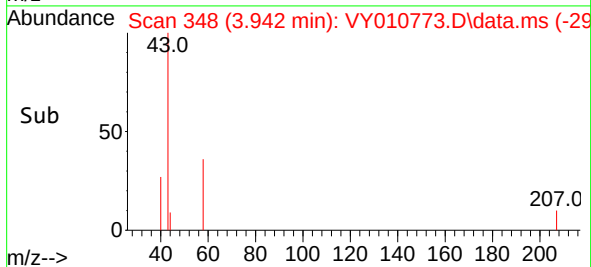
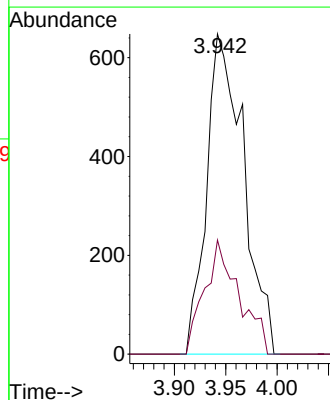
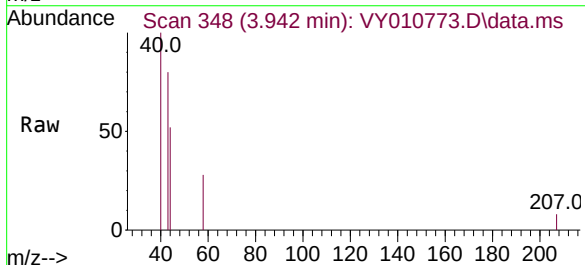
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

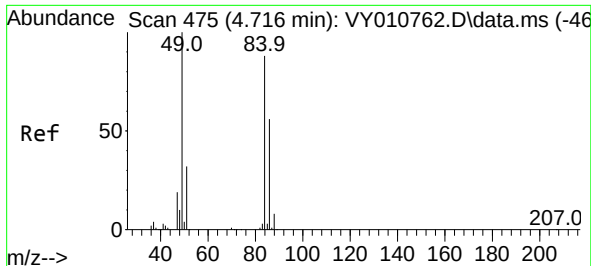
Tgt Ion:168 Resp: 216773
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 2.898 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 35.6 22.0 33.0#

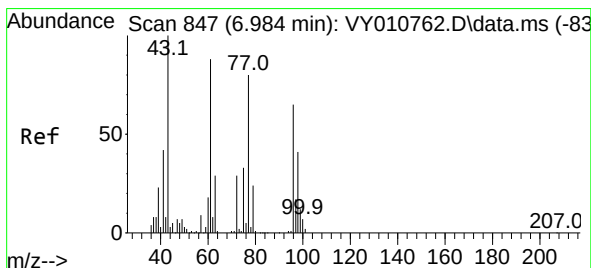
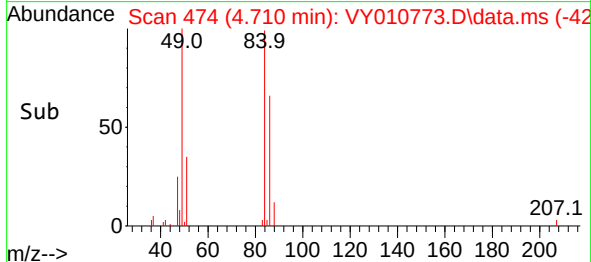
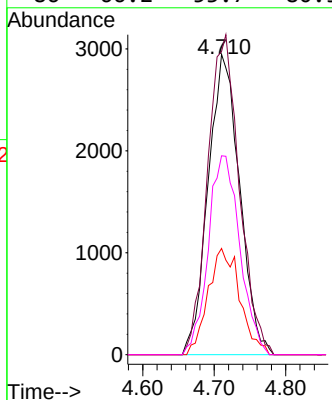
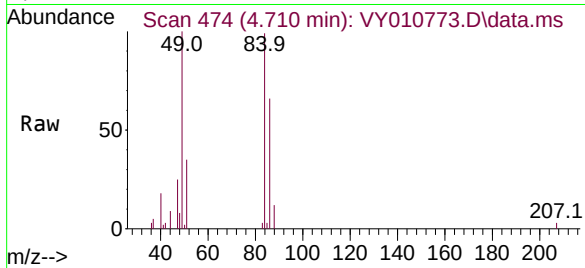




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

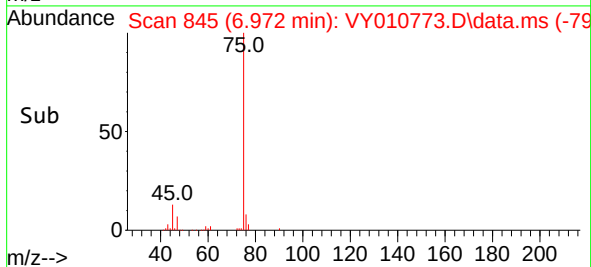
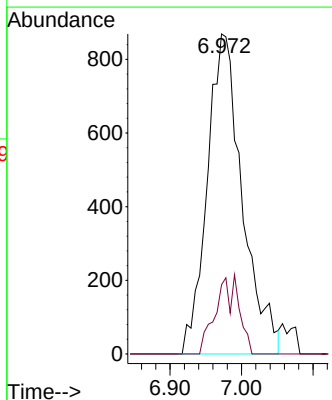
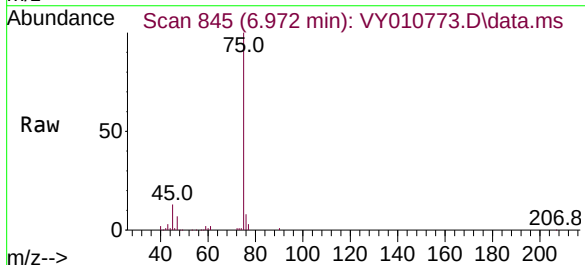
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

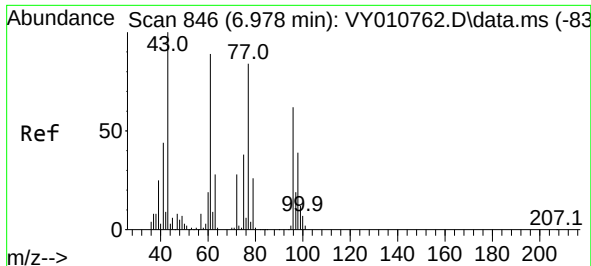
Tgt Ion: 84 Resp: 9003
Ion Ratio Lower Upper
84 100
49 101.0 114.4 171.6#
51 35.4 35.3 52.9
86 66.2 53.7 80.5



#25
2-Butanone
Concen: 3.688 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5





#26

2,2-Dichloropropane

Concen: 1.001 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

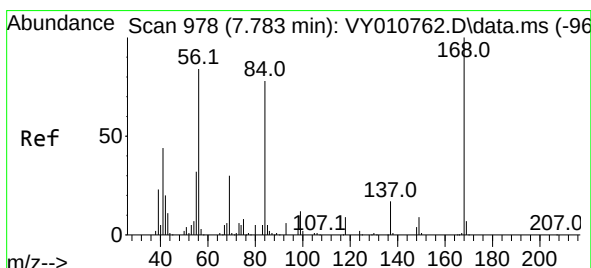
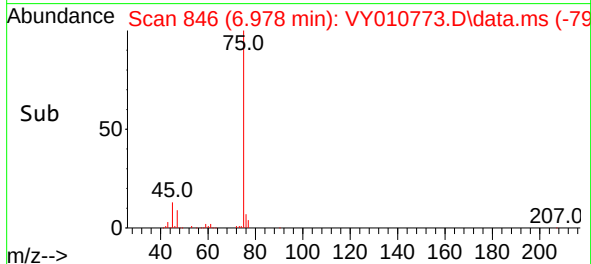
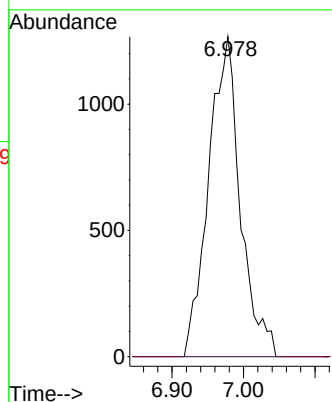
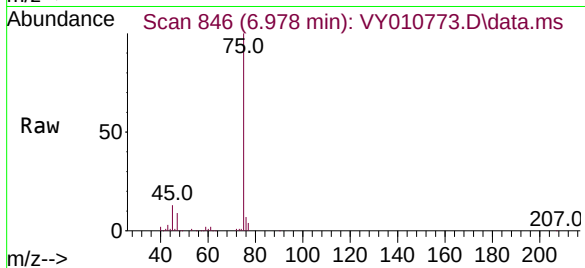
VNJ-232

Tgt Ion: 77 Resp: 3894

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.052 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

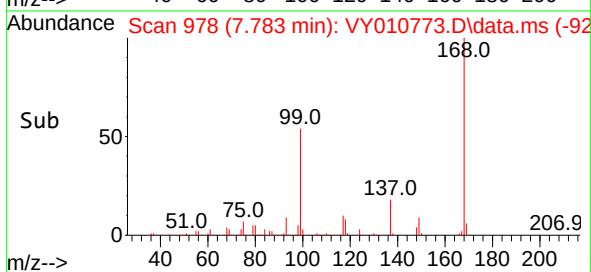
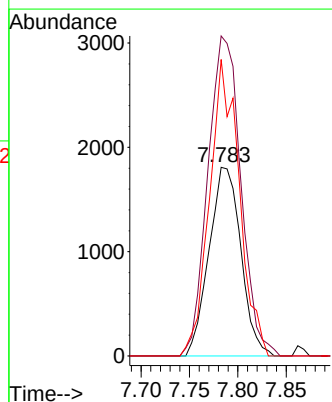
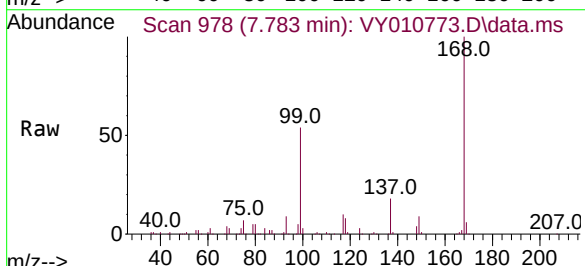
Tgt Ion: 56 Resp: 4136

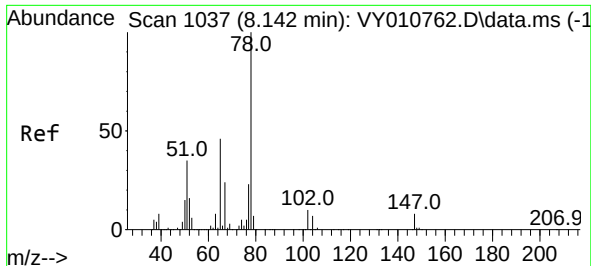
Ion Ratio Lower Upper

56 100

69 169.6 26.7 40.1#

84 157.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.258 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

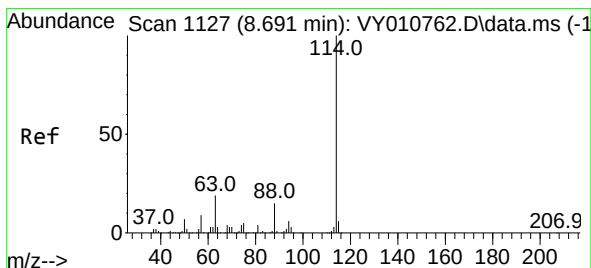
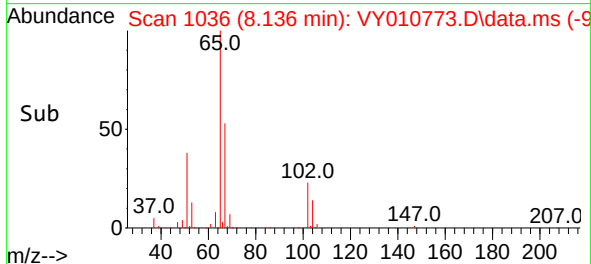
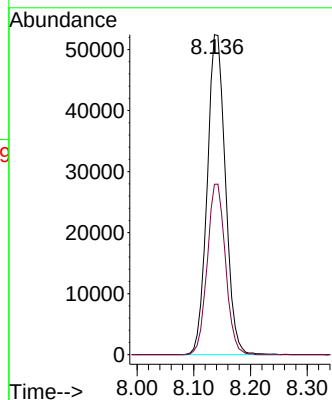
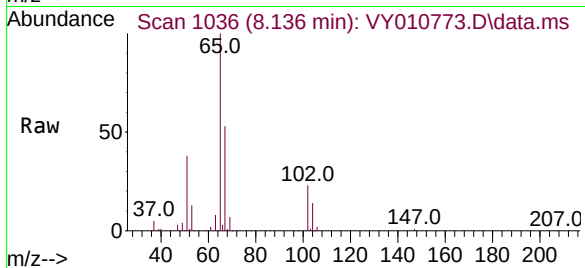
VNJ-232

Tgt Ion: 65 Resp: 117023

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

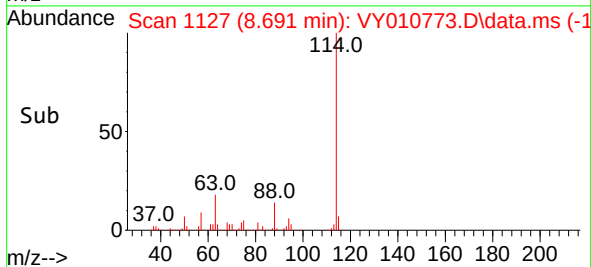
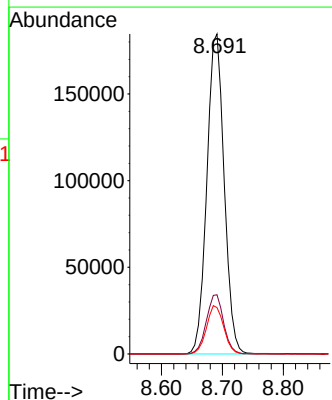
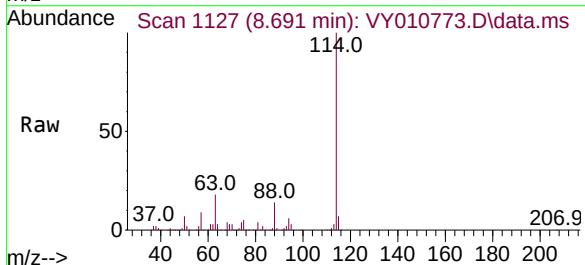
Tgt Ion:114 Resp: 365160

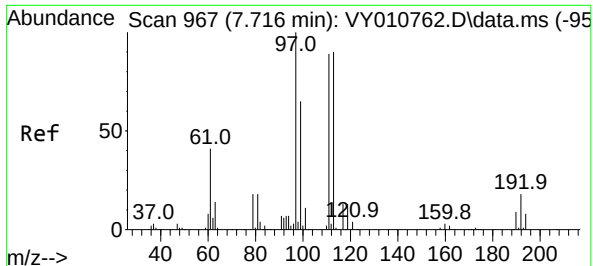
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.5 0.0 31.8

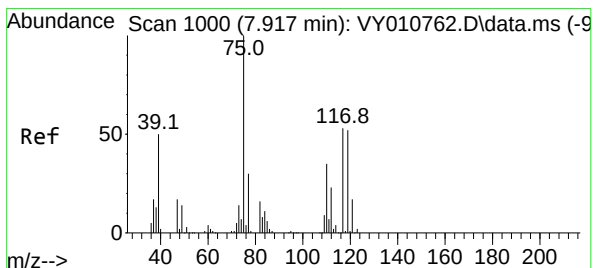
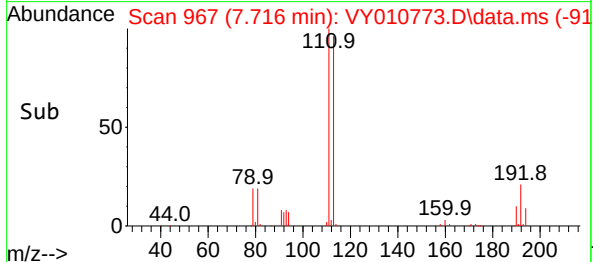
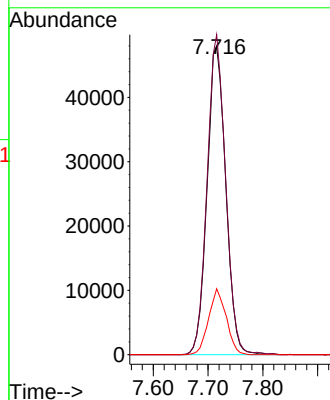
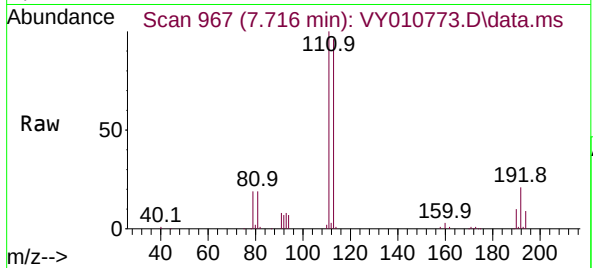




#35
Dibromofluoromethane
Concen: 46.767 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

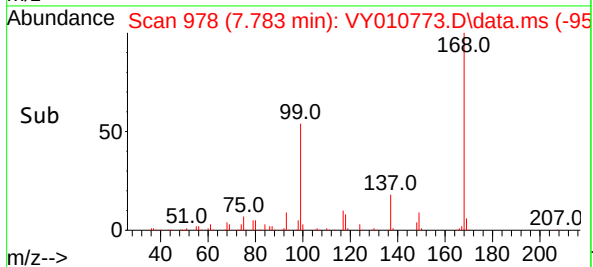
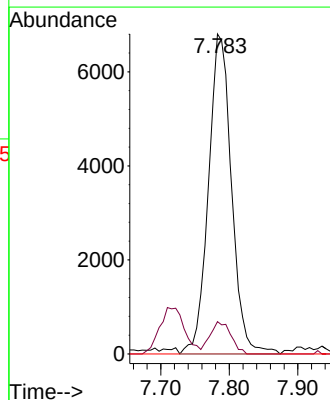
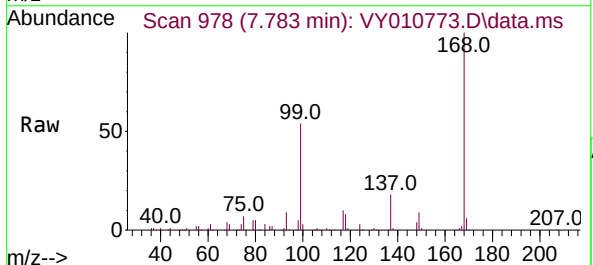
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VNJ-232

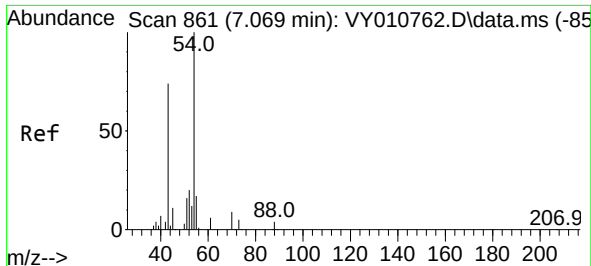
Tgt Ion:113 Resp: 113361
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.550 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion: 75 Resp: 15920
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

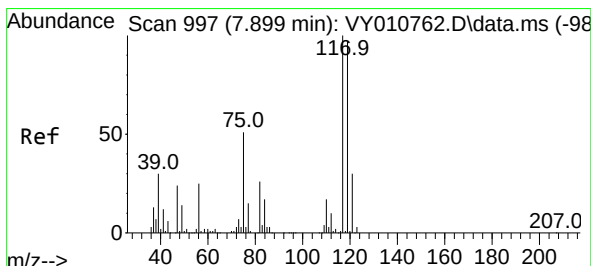
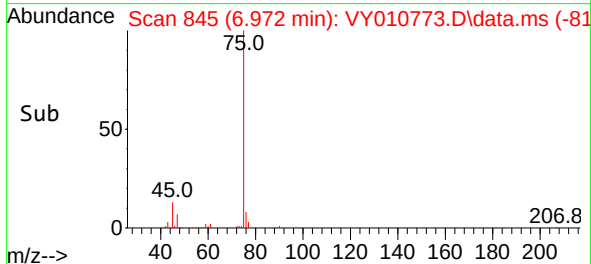
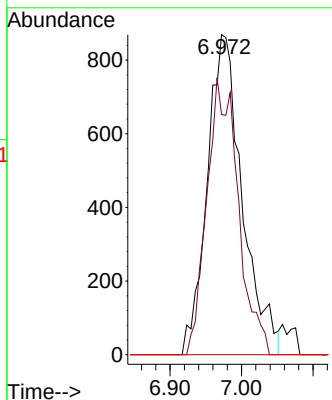
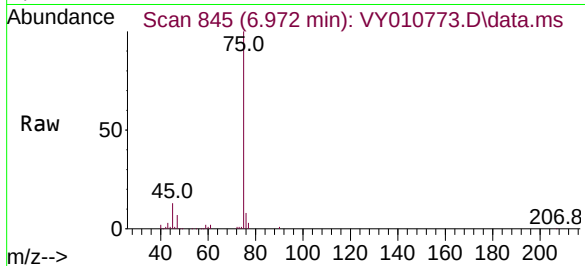




#37
Ethyl Acetate
Concen: 1.723 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.097 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

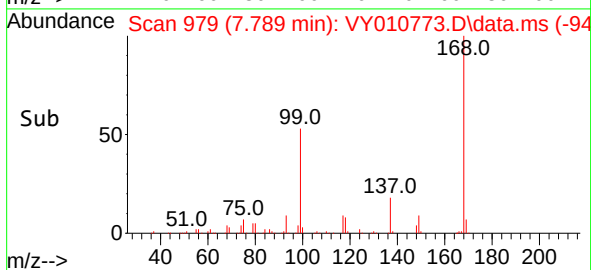
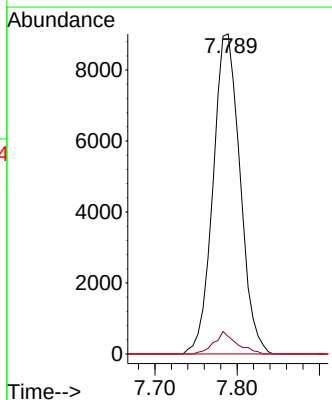
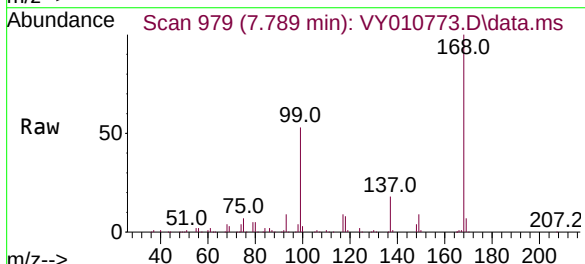
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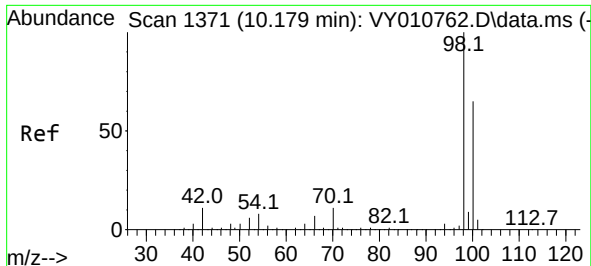
Tgt Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
61 77.3 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion: 117 Resp: 20567
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

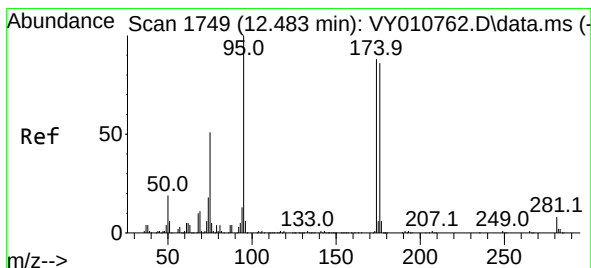
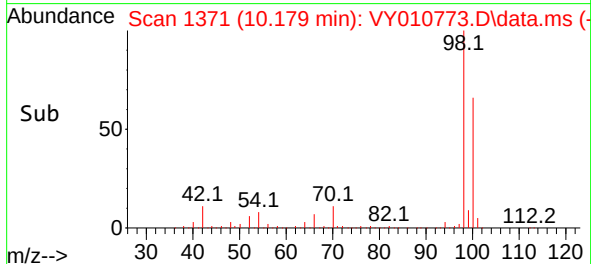
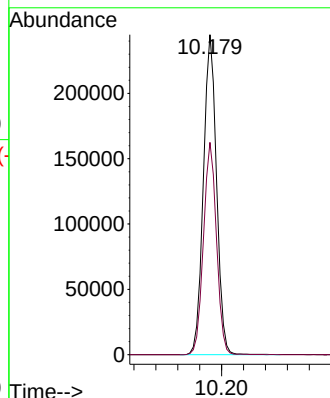
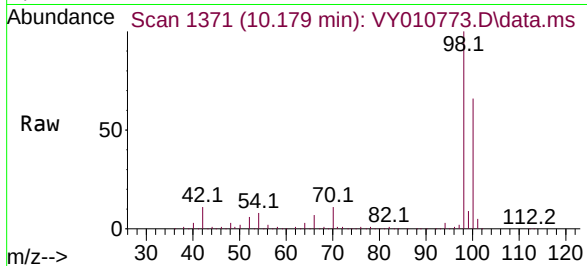




#50
Toluene-d8
Concen: 49.017 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

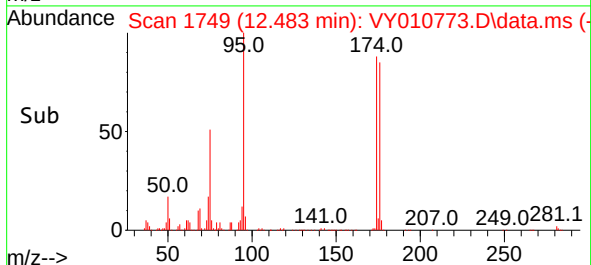
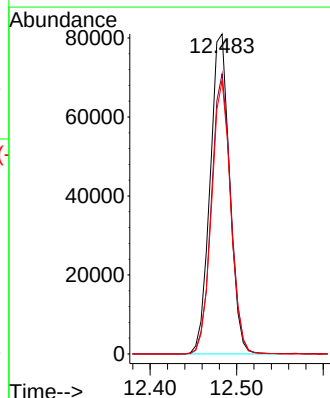
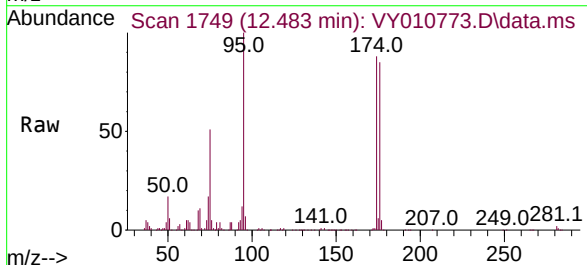
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

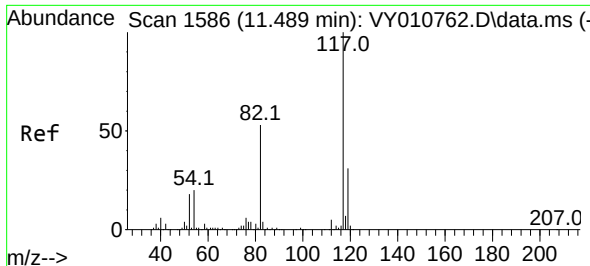
Tgt Ion: 98 Resp: 406335
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion: 95 Resp: 127017
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.7 0.0 175.8

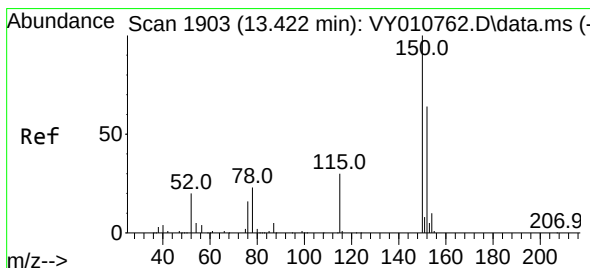
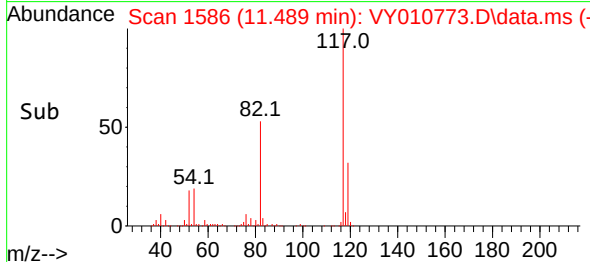
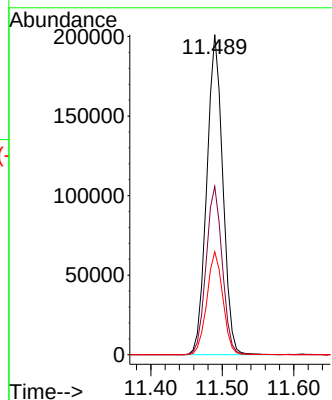
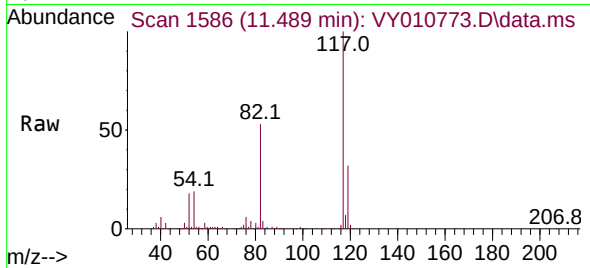




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

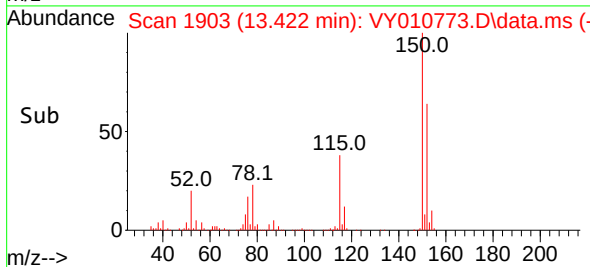
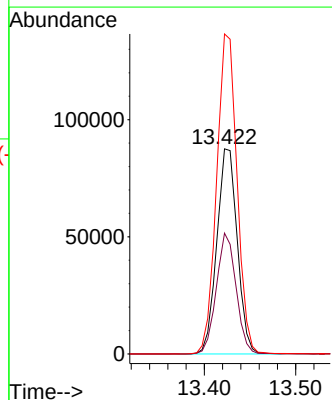
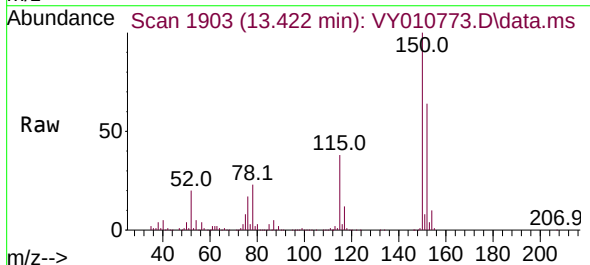
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

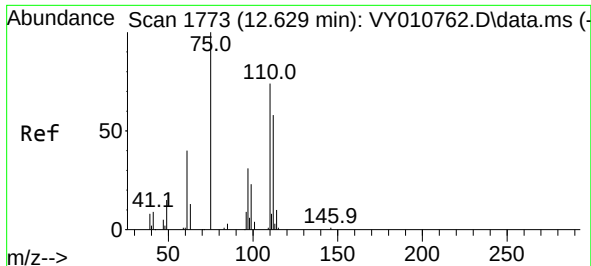
Tgt Ion:117 Resp: 312933
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion:152 Resp: 136246
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.8 0.0 347.6

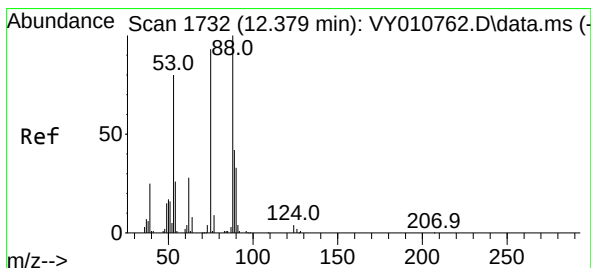
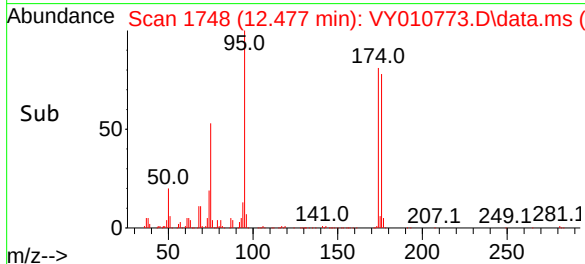
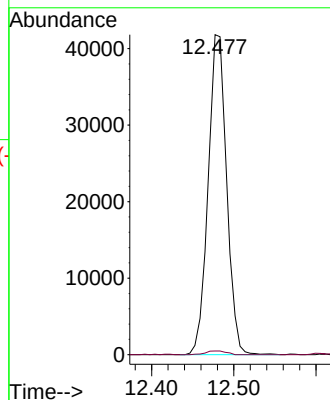
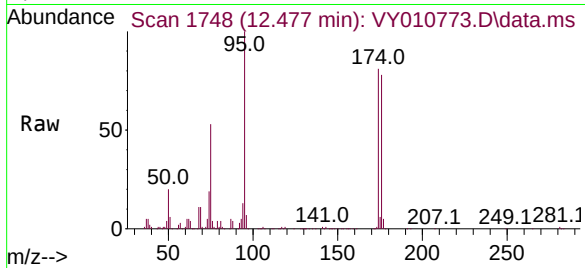




#76
1,2,3-Trichloropropane
Concen: 47.477 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

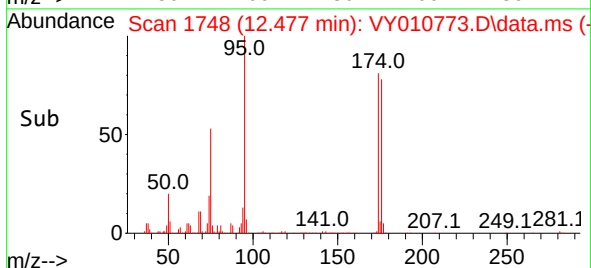
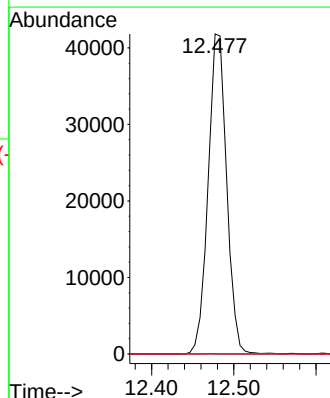
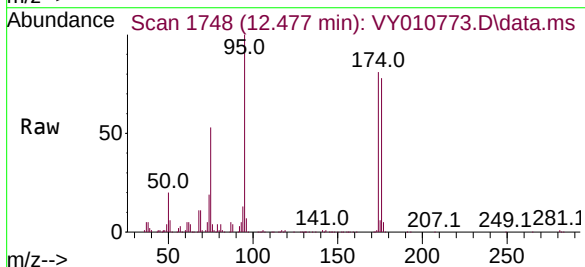
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

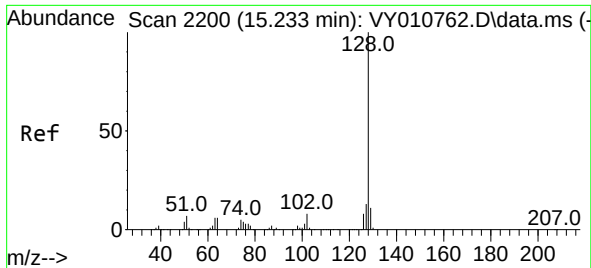
Tgt Ion: 75 Resp: 65507
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.176 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

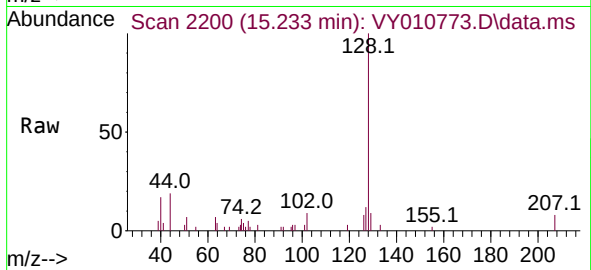
Tgt Ion: 75 Resp: 65507
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 1.221 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY010773.D
 Acq: 03 Oct 2022 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-232



Tgt Ion:	128	Resp:	5548
Ion	Ratio	Lower	Upper
128	100		
127	15.1	11.0	16.4
129	11.4	8.4	12.6

